

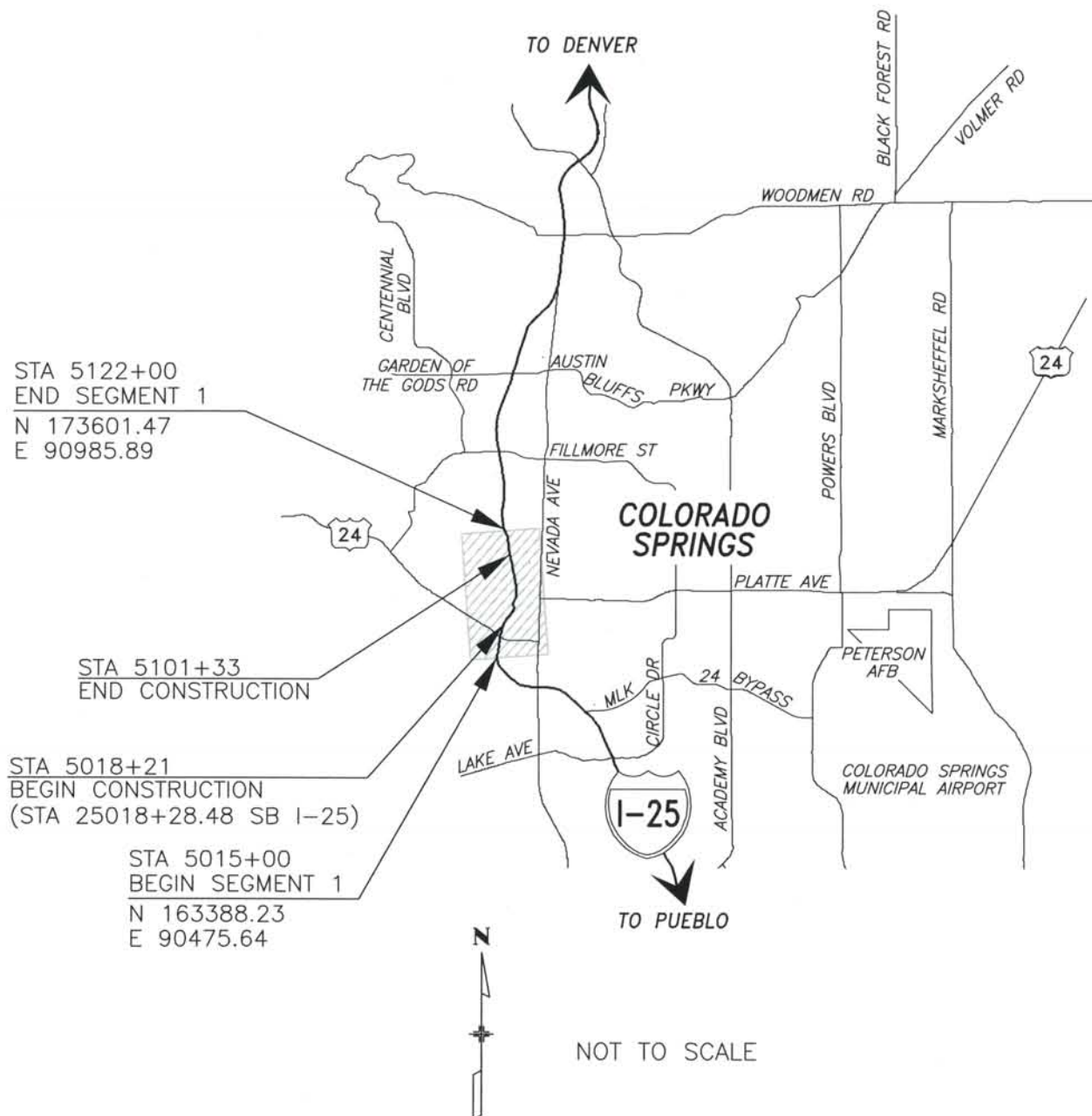
DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

CONSTRUCTION PLANS OF PROPOSED

PROJECT NO. IM 0252-370
INTERSTATE HIGHWAY NO. 25
EL PASO COUNTY

VOLUME 2

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
08/2008 PROJECT NO. IM 0252-370
DESIGN MANAGER: MARK LAMUTT

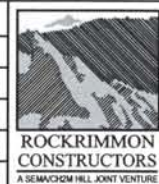


MAJOR WORK ELEMENTS

- 30% PRELIMINARY DESIGN
- 60% PRELIMINARY DESIGN
- 90% PRELIMINARY DESIGN
- APPROVED FOR CONSTRUCTION
- APPROVED FOR CONSTRUCTION (NDC No. 24)
- APPROVED FOR CONSTRUCTION (NDC No. 26)
- APPROVED FOR CONSTRUCTION (NDC No. 27)
- APPROVED FOR CONSTRUCTION (NDC No. 28)
- APPROVED FOR CONSTRUCTION (FDC No. 2)
- APPROVED FOR CONSTRUCTION (NDC No. 29)
- FINAL DESIGN PLANS
- APPROVED FOR CONSTRUCTION (NDC No. 32)
- AS-BUILT PLANS

Computer File Information
Date Plotted: 9/11/2008
Time Plotted: 6:56:04 AM
Plotted By: rmmiyamot
CAD Ver.: MicroStation V8 2004
327504.DS1 General
As-Built
Scale: Not to Scale Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
7	APPROVED FOR CONSTRUCTION NDC No. 29	05/25/07	
8	FINAL DESIGN PLANS SUBMITTAL	06/14/07	
9	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07	
10	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
TITLE SHEET

Project No./Code
IM 0252-370
S.A. 14740

File Name DSI-GETS.DGN
Drawing Number DSI-G001

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
10	08/15/08	DS1-G001	TITLE SHEET
10	08/15/08	DS1-G002	INDEX OF SHEETS-1
9	08/15/08	DS1-G003	INDEX OF SHEETS-2
8	08/15/08	DS1-G004	INDEX OF SHEETS-3
6	08/15/08	DS1-G005	INDEX OF SHEETS-4
2	08/15/08	DS1-G009	STANDARD PLANS LIST
2	08/15/08	DS1-G010	GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
2	08/15/08	DS1-G020	TYPICAL ROADWAY SECTIONS I-25
2	08/15/08	DS1-G021	TYPICAL ROADWAY SECTIONS I-25
2	08/15/08	DS1-G022	TYPICAL ROADWAY SECTIONS I-25
2	08/15/08	DS1-G023	TYPICAL ROADWAY SECTIONS I-25
3	08/15/08	DS1-G024	TYPICAL ROADWAY SECTIONS I-25
2	08/15/08	DS1-G025	TYPICAL ROADWAY SECTIONS I-25
2	08/15/08	DS1-G031	TYPICAL ROADWAY SECTIONS RAMP B1
2	08/15/08	DS1-G032	TYPICAL ROADWAY SECTIONS RAMP B2
3	08/15/08	DS1-G033	TYPICAL ROADWAY SECTIONS RAMP B3
2	08/15/08	DS1-G034	TYPICAL ROADWAY SECTIONS RAMP B4
3	08/15/08	DS1-G036	TYPICAL ROADWAY SECTIONS BIJOU STREET
2	08/15/08	DS1-G037	TYPICAL ROADWAY SECTIONS BIJOU STREET
2	08/15/08	DS1-G038	TYPICAL ROADWAY SECTIONS BIJOU EAST & KIOWA EAST
2	08/15/08	DS1-G039	TYPICAL ROADWAY SECTIONS KIOWA STREET
2	08/15/08	DS1-G040	TYPICAL ROADWAY SECTIONS SPRUCE STREET CUL-DE-SAC, COLORADO AVE, SIERRA MADRE AND WESTVIEW PLACE
2	08/15/08	DS1-G050	CONTROL SURVEY DIAGRAM
2	08/15/08	DS1-G051	CONTROL TABULATION
2	08/15/08	DS1-R001	GORE DETAIL RAMP B1
3	08/15/08	DS1-R002	GORE DETAIL RAMP B2
2	08/15/08	DS1-R003	GORE DETAIL RAMP B3
2	08/15/08	DS1-R004	GORE DETAIL RAMP B4
3	08/15/08	DS1-R006	INTERSECTION DETAIL COLORADO AVE / SPRUCE ST
3	08/15/08	DS1-R007	INTERSECTION DETAIL SPRUCE STREET CUL-DE-SAC
3	08/15/08	DS1-R008	INTERSECTION DETAIL KIOWA ST TERMINATION
5	08/15/08	DS1-R009	INTERSECTION DETAIL BIJOU / SPRUCE
4	08/15/08	DS1-R010	INTERSECTION DETAIL BIJOU / RAMP B1 & RAMP B2
3	08/15/08	DS1-R011	INTERSECTION DETAIL BIJOU / RAMP B3 & RAMP B4
3	08/15/08	DS2-R012	INTERSECTION DETAIL BIJOU / WEST VIEW
2	08/15/08	DS1-R013	INTERSECTION DETAIL KIOWA / KIOWA EAST
2	08/15/08	DS1-R014	INTERSECTION DETAIL KIOWA EAST / BIJOU EAST
2	08/15/08	DS1-R015	INTERSECTION DETAIL KIOWA / SB SIERRA MADRE
2	08/15/08	DS1-R016	INTERSECTION DETAIL KIOWA / NB SIERRA MADRE
3	08/15/08	DS1-R017	SPRUCE ST BUS SHELTERS
5	08/15/08	DS1-R020	MISCELLANEOUS DETAIL 7-11 AND PRIVATE RESIDENCE ACCESS
6	08/15/08	DS1-R021	MISCELLANEOUS DETAIL DENNY'S ACCESS
4	08/15/08	DS1-R021A	MISCELLANEOUS DETAIL DENNY'S ACCESS PROFILES AND SECTIONS
4	08/15/08	DS1-R022	MISCELLANEOUS DETAIL CLARION HOTEL ACCESS 1
5	08/15/08	DS1-R023	MISCELLANEOUS DETAIL CLARION HOTEL ACCESS 2
3	08/15/08	DS1-R024	MISCELLANEOUS DETAIL MONUMENT VALLEY PARK GATE ENTRANCE
2	08/15/08	DS1-R025	MISCELLANEOUS DETAIL BIJOU/KIOWA MEDIUM SIDEWALK
2	08/15/08	DS1-R030	MISCELLANEOUS DETAIL MIDLAND TRAIL CONNECTION
2	08/15/08	DS1-R031	MISCELLANEOUS DETAIL MEDIUM GUARDRAIL TYPE 3 ACCESS
3	08/15/08	DS1-R032	MISCELLANEOUS DETAIL CURB DETAILS
2	08/15/08	DS1-R033	ATTENUATION DETAILS I-25 / COLORADO AVE & RAMP B4 GORE
3	08/15/08	DS1-R034	CURB RETURN DETAILS RAMP B3
3	08/15/08	DS1-R035	CURB RETURN DETAILS RAMP B4
2	08/15/08	DS1-R036	MISCELLANEOUS DETAILS GUARDRAIL TRANSITIONS
2	08/15/08	DS1-R037	MISCELLANEOUS DETAILS GUARDRAIL TRANSITIONS
2	08/15/08	DS1-R038	MISCELLANEOUS DETAIL BIJOU/KIOWA BARRIER & FENCE DETAILS
6	08/15/08	DS1-R039	CLARION HOTEL PARKING LOT DETAIL
2	08/15/08	DS1-R040	GUARDRAIL DETAILS I-25 / UINTAH STREET TYPE 7 CD BRIDGE RAIL TYPE 10M SHEET 1 OF 4
2	08/15/08	DS1-R041	GUARDRAIL DETAILS I-25 / UINTAH STREET TYPE 7 CD BRIDGE RAIL TYPE 10M SHEET 2 OF 4
2	08/15/08	DS1-R042	GUARDRAIL DETAILS I-25 / UINTAH STREET TYPE 7 CD IMPACT ATTENUATOR SHEET 3 OF 4
2	08/15/08	DS1-R043	GUARDRAIL DETAILS I-25 / UINTAH ST ATTENUATION DETAILS SHEET 4 OF 4
4	08/15/08	DS1-R044	GUARDRAIL DETAILS BRIDGE RAIL TYPE 10M TO TYPE 7 TO TYPE 3 SHEET 1 OF 2
2	08/15/08	DS1-R045	GUARDRAIL DETAILS BRIDGE RAIL TYPE 10M TO TYPE 7 SHEET 2 OF 2

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
2	08/15/08	DS1-R050	GRADING PLANS STA 25018+00 TO STA 25026+00 SB
2	08/15/08	DS1-R051	GRADING PLANS STA 25026+00 SB TO 5034+00
3	08/15/08	DS1-R052	GRADING PLANS STA 5034+00 TO STA 5042+00
2	08/15/08	DS1-R053	GRADING PLANS STA 5042+00 TO STA 5050+00
5	08/15/08	DS1-R054	GRADING PLANS STA 5050+00 TO STA 5057+50
4	08/15/08	DS1-R055	GRADING PLANS STA 5057+50 TO STA 5066+00
2	08/15/08	DS1-R056	GRADING PLANS STA 5066+00 TO STA 5073+50.48
3	08/15/08	DS1-R060	GRADING DETAIL COLORADO AVE / SPRUCE ST
3	08/15/08	DS1-R061	GRADING DETAIL SPRUCE ST CUL-DE-SAC
2	08/15/08	DS1-R062	GRADING DETAIL KIOWA ST TERMINATION
4	08/15/08	DS1-R063	GRADING DETAIL BIJOU / SPRUCE
6	08/15/08	DS1-R064	GRADING DETAIL BIJOU / RAMP B1 & RAMP B2
3	08/15/08	DS1-R065	GRADING DETAIL BIJOU / RAMP B3 & RAMP B4
3	08/15/08	DS1-R066	GRADING DETAIL BIJOU / WESTVIEW
2	08/15/08	DS1-R067	GRADING DETAIL KIOWA / KIOWA EAST
2	08/15/08	DS1-R068	GRADING DETAIL KIOWA EAST / BIJOU EAST
2	08/15/08	DS1-R069	GRADING DETAIL KIOWA / SB SIERRA MADRE
2	08/15/08	DS1-R070	GRADING DETAIL KIOWA / NB SIERRA MADRE
5	08/15/08	DS1-R071	GRADING DETAIL DENNY'S ACCESS
3	08/15/08	DS1-R072	GRADING DETAIL CLARION HOTEL ACCESS 2
5	08/15/08	DS1-R073	GRADING DETAIL CLARION HOTEL PARKING LOT
4	08/15/08	DS1-R080	PEDESTRIAN RAMP DETAILS SHEET 1 OF 4
2	08/15/08	DS1-R081	PEDESTRIAN RAMP DETAILS SHEET 2 OF 4
3	08/15/08	DS1-R082	PEDESTRIAN RAMP DETAILS SHEET 3 OF 4
3	08/15/08	DS1-R083	PEDESTRIAN RAMP DETAILS SHEET 4 OF 4
2	08/15/08	DS1-LS001	MONUMENT CREEK LANDSCAPE PLANTING PLAN
3	08/15/08	DS1-LS002	MONUMENT CREEK LANDSCAPE PLANTING PLAN
3	08/15/08	DS1-LS003	MONUMENT CREEK LANDSCAPE PLANTING PLAN
2	08/15/08	DS1-LS004	LANDSCAPE NOTES AND DETAILS
3	08/15/08	DS1-LS005	BIJOU STREET LANDSCAPE PLAN
3	08/15/08	DS1-LS006	BIJOU STREET LANDSCAPE PLAN
3	08/15/08	DS1-LS007	BIJOU STREET LANDSCAPE DETAILS AND NOTES
6	08/15/08	DS1-LS008	BIJOU STREET IRRIGATION PLAN
5	08/15/08	DS1-LS009	BIJOU STREET IRRIGATION PLAN
3	08/15/08	DS1-LS010	BIJOU STREET IMPROVEMENTS IRRIGATION PLAN
3	08/15/08	DS1-LS011	BIJOU STREET IMPROVEMENTS IRRIGATION PLAN
3	08/15/08	DS1-LS012	BIJOU STREET IMPROVEMENTS IRRIGATION PLAN
4	08/15/08	DS1-LS013	BIJOU STREET IMPROVEMENTS IRRIGATION DETAILS
4	08/15/08	DS1-LS014	BIJOU STREET IMPROVEMENTS LANDSCAPE PLAN
5	08/15/08	DS1-LS015	BIJOU STREET IMPROVEMENTS GRADING PLAN
5	08/15/08	DS1-LS016	BIJOU STREET IMPROVEMENTS LANDSCAPE PLAN
5	08/15/08	DS1-LS017	BIJOU STREET IMPROVEMENTS LANDSCAPE PLAN
5	08/15/08	DS1-LS018	BIJOU STREET IMPROVEMENTS DETAILS
4	08/15/08	DS1-LS019	BIJOU STREET IMPROVEMENTS DETAILS
4	08/15/08	DS1-LS020	BIJOU STREET IMPROVEMENTS DETAILS AND SCHEDULE
2	08/15/08	DS1-R101	I-25 ROADWAY GEOMETRIC CONTROL SHEET STA 5015+00 TO STA 5045+00
2	08/15/08	DS1-R102	I-25 ROADWAY GEOMETRIC CONTROL SHEET STA 5045+00 TO STA 5072+00
2	08/15/08	DS1-R103	I-25 ROADWAY GEOMETRIC CONTROL SHEET STA 5072+00 TO STA 5098+00
2	08/15/08	DS1-R104	I-25 ROADWAY GEOMETRIC CONTROL SHEET STA 5098+00 TO STA 5122+00
2	08/15/08	DS1-R105	BIJOU / KIOWA ROADWAY GEOMETRIC CONTROL SHEET
2	08/15/08	DS1-R200	I-25 ROADWAY PLAN STA 25018+00 TO STA 25021+00 SB I-25
4	08/15/08	DS1-R201	I-25 ROADWAY PLAN STA 25021+00 SB I-25 TO STA 5033+00 I-25
4	08/15/08	DS1-R202	I-25 ROADWAY PLAN STA 5033+00 TO STA 5045+00
5	08/15/08	DS1-R203	I-25 ROADWAY PLAN STA 5045+00 TO STA 5057+00
4	08/15/08	DS1-R204	I-25 ROADWAY PLAN STA 5057+00 STA 5069+00
2	08/15/08	DS1-R205	I-25 ROADWAY PLAN STA 5069+00 TO STA 5081+00
2	08/15/08	DS1-R206	I-25 ROADWAY PLAN STA 5081+00 TO STA 5093+00 MONUMENT VALLEY PARK NOISE WALL AND DEMONSTRATION GARDENS NOISE WALL
3	08/15/08	DS1-R207	I-25 ROADWAY PLAN STA 5093+00 TO STA 5105+00 MONUMENT VALLEY PARK NOISE WALL
3	08/15/08	DS1-R208	I-25 ROADWAY PLAN STA 5137+00 TO STA 5150+00 I-25 PAVEMENT REPLACEMENT AT FONTANERO ST
6	08/15/08	DS1-R220	BIJOU ROADWAY PLAN STA 1050+00 BIJ TO STA 1057+00 BIJ

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
2	08/15/08	DS1-R221	BIJOU ROADWAY PLAN STA 1057+00 BIJ TO STA 1062+50 BIJ
3	08/15/08	DS1-R222	BIJOU ROADWAY PLAN STA 1062+50 BIJ TO STA 2077+34.06 BIJE
2	08/15/08	DS1-R223	KIOWA ROADWAY PLAN STA 1075+00 TO STA 1077+66.38
2	08/15/08	DS1-R300	I-25 ROADWAY PROFILE STA 25023+00 TO STA 25032+30 SB I-25 STA 15023+00 TO STA 15032+31.44 NB I-25
2	08/15/08	DS1-R301	I-25 ROADWAY PROFILE STA 5024+00 TO STA 5033+00
2	08/15/08	DS1-R302	I-25 ROADWAY PROFILE STA 5033+00 TO STA 5045+00
3	08/15/08	DS1-R303	I-25 ROADWAY PROFILE STA 5045+00 TO STA 5057+00
4	08/15/08	DS1-R304	I-25 ROADWAY PROFILE STA 5057+00 TO STA 5069+00
2	08/15/08	DS1-R305	I-25 ROADWAY PROFILE STA 5069+00 TO STA 5073+50.48
2	08/15/08	DS1-R310	RAMP B1 ROADWAY PROFILE
3	08/15/08	DS1-R311	RAMP B2 ROADWAY PROFILE
3	08/15/08	DS1-R312	RAMP B3 ROADWAY PROFILE STA 450+00 TO STA 458+00
2	08/15/08	DS1-R313	RAMP B3 ROADWAY PROFILE STA 458+00 TO STA 461+33.38
2	08/15/08	DS1-R314	RAMP B4 ROADWAY PROFILE
2	08/15/08	DS1-R320	BIJOU STREET ROADWAY PROFILE STA 1050+18 TO STA 1063+00
2	08/15/08	DS1-R321	BIJOU EAST AND WESTVIEW PLACE ROADWAY PROFILES
2	08/15/08	DS1-R322	KIOWA STREET AND KIOWA EAST ROADWAY PROFILES
4	08/15/08	DS1-R335	MISC. ROADWAY PROFILES RAMP B2 SIDEWALK, COLORADO AVE NORTH PANLINE
2	08/15/08	DS1-R500	WPA WALL REHABILITATION PLAN STA 5025+00 TO STA 5035+00
2	08/15/08	DS1-R501	WPA WALL REHABILITATION PLAN STA 5035+00 TO STA 5045+00
2	08/15/08	DS1-R502	WPA WALL REHABILITATION PLAN STA 5045+00 TO STA 5055+00
2	08/15/08	DS1-W001	WETLANDS STOCKPILING PLAN BIJOU ST TO COLORADO AVE
2	08/15/08	DS1-D001	DRAINAGE GENERAL NOTES
2	08/15/08	DS1-D002	DRAINAGE DETAILS APRON FOR TYPE C/D INLETS
2	08/15/08	DS1-D003	DRAINAGE DETAILS DITCH/TRENCH TYPES
3	08/15/08	DS1-D004	DRAINAGE DETAILS STORM SEWER CONNECTION
6	08/15/08	DS1-D005	MH 5037-M1 DETAILS 1
5	08/15/08	DS1-D005A	MH 5037-M1 DETAILS 2
4	08/15/08	DS1-D006	DRAINAGE DETAILS STRUCTURE 5034H1
2	08/15/08	DS1-D007	STORM WATER TREATMENT STRUCTURE INSTALLATION DETAIL
4	08/15/08	DS1-D009	DRAINAGE DETAILS RIPRAP DETAILS
4	08/15/08	DS1-D010	DRAINAGE DETAILS WATER QUALITY OUTLETS
3	08/15/08	DS1-D011	DRAINAGE DETAILS WATER QUALITY OUTLET WEIR DETAILS 1
2	08/15/08	DS1-D011A	DRAINAGE DETAILS WATER QUALITY OUTLET WEIR DETAILS 2
3	08/15/08	DS1-D012	SPRUCE INLET - MH 5038-M1 DIMENSIONS
3	08/15/08	DS1-D013	SPRUCE INLET - MH 5038-M1 REINFORCEMENT
3	08/15/08	DS1-D014	SPRUCE INLET - 5038-D1 DETAILS
3	08/15/08	DS1-D015	SPRUCE INLET - 5038-J1 DETAILS
3	08/15/08	DS1-D016	DRAINAGE DETAILS INLET 1105 J1
3	08/15/08	DS1-D022	WATER QUALITY BASIN 5042L GRADING PLAN STA 5042+00
5	08/15/08	DS1-D023	WATER QUALITY BASIN 5051L GRADING PLAN & UNDERDRAIN LAYOUT STA 5047+00 TO STA 5051+33
4	08/15/08	DS1-D024	UNDERDRAIN LAYOUT STA 5051+33 TO STA 5054+50
3	08/15/08	DS1-D025	WATER QUALITY BASIN 5060R GRADING PLAN STA 5060+00
3	08/15/08	DS1-D100	DRAINAGE PLAN STA 25018+00 SB I-25 TO STA 25022+00 SB I-25
2	08/15/08	DS1-D101	DRAINAGE PLAN STA 25022+00 SB I-25 TO STA 25028+00 SB I-25
3	08/15/08	DS1-D102	DRAINAGE PLAN STA 25028+00 SB I-25 TO STA 5034+00 I-25
4	08/15/08	DS1-D103	DRAINAGE PLAN STA 5034+00 TO STA 5041+00
2	08/15/08	DS1-D104	DRAINAGE PLAN STA 5041+00 TO STA 5047+20
5	08/15/08	DS1-D105	DRAINAGE PLAN STA 5047+20 TO STA 5053+20
4	08/15/08	DS1-D106	DRAINAGE PLAN STA 5053+20 TO STA 5060+00
5	08/15/08	DS1-D107	DRAINAGE PLAN STA 5060+00 TO STA 5066+00
3	08/15/08	DS1-D108	DRAINAGE PLAN STA 5066+00 TO STA 5073+00
2	08/15/08	DS1-D109	DRAINAGE PLAN STA 5073+00 TO STA 5080+00
2	08/15/08	DS1-D110	DRAINAGE PLAN STA 5080+00 TO STA 5087+00
2	08/15/08	DS1-D111	DRAINAGE PLAN STA 5087+00 TO STA 5095+00
2	08/15/08	DS1-D112	DRAINAGE PLAN STA 5095+00 TO STA 5101+49

ISSUE RECORD			
DESIGNED BY:	NO.	DESCRIPTION	DATE
R. HARR	7	APPROVED FOR CONSTRUCTION NDC No. 29	05/25/07
R. HARR	8	FINAL DESIGN PLANS SUBMITTAL	06/14/07
T. EVERSOLL	9	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
T. EVERSOLL	10	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1 INDEX OF SHEETS-1

Project No./Code
 IM 0252-370
 S.A. 14740

File Name DS1-GENX.DGN
 Drawing Number DS1-G002

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
7	08/15/08	DS1-D113	DRAINAGE PLAN BIJOU STREET STA 1050+00 TO STA 1056+00
2	08/15/08	DS1-D114	DRAINAGE PLAN BIJOU STREET STA 1056+00 TO STA 1061+00
4	08/15/08	DS1-D115	DRAINAGE PLAN BIJOU ST/ KIOWA ST STA 1061+00 TO STA 1075+00
3	08/15/08	DS1-D116	DRAINAGE PLAN KIOWA STREET STA 1075+00 TO STA 1081+00
3	08/15/08	DS1-D131	DRAINAGE PROFILES LINES 5018-B, 5028-A, & 5028-B
3	08/15/08	DS1-D132	DRAINAGE PROFILES LINES 5017-A, 5018-A, 5021-A, 5022-A, 5036-A & 5039-A
5	08/15/08	DS1-D133	DRAINAGE PROFILES LINES 5041-A, 5041-B & 5054-B
4	08/15/08	DS1-D134	DRAINAGE PROFILES LINES 5050-A, 5052-A & 5049-A
2	08/15/08	DS1-D135	DRAINAGE PROFILES LINE 5043-A
5	08/15/08	DS1-D136	DRAINAGE PROFILES LINES 5051-A, 5037-A, 5038-A, 5039-C, 5046-A & 5046-B
4	08/15/08	DS1-D137	DRAINAGE PROFILES LINES 5062-A, 5050-B & 5059-A
4	08/15/08	DS1-D138	DRAINAGE PROFILES LINES 5057-C, 5058-A, 1105-A, 5092-A & 5095-A
7	08/15/08	DS1-D139	DRAINAGE PROFILES LINES 1053-A, 1053-B, 1053-C & 1053-D
6	08/15/08	DS1-D140	DRAINAGE PROFILES LINES 1051-A, 1051-B, 1052-A, 2074-B, 2074-D & 5050-C
4	08/15/08	DS1-D141	DRAINAGE PROFILES LINES 2072-A, 2074-A, 2074-C, 2074-E & 40-A
3	08/15/08	DS1-D142	DRAINAGE PROFILE LINE 5057-B
6	08/15/08	DS1-D161	SUMP OUTFALL PLAN AND PROFILE 1 OF 3
5	08/15/08	DS1-D162	SUMP OUTFALL PLAN AND PROFILE 2 OF 3
4	08/15/08	DS1-D163	SUMP OUTFALL PLAN AND PROFILE 3 OF 3
4	08/15/08	DS1-T051	PAVEMENT MARKING PLAN STA 1050+00 BIJ TO STA 1057+00 BIJ
2	08/15/08	DS1-T052	PAVEMENT MARKING PLAN STA 1057+00 BIJ TO STA 1062+50 BIJ
3	08/15/08	DS1-T053	PAVEMENT MARKING PLAN STA 1062+50 BIJ TO STA 1075+00 KIOWA
2	08/15/08	DS1-T054	PAVEMENT MARKING PLAN STA 1075+00 KIOWA TO END
2	08/15/08	DS1-T055	PAVEMENT MARKING PLAN STA 25018+00 TO STA 25021+00 SB I-25
2	08/15/08	DS1-T056	PAVEMENT MARKING PLAN STA 25021+00 SB I-25 TO STA 5033+00 I-25
2	08/15/08	DS1-T057	PAVEMENT MARKING PLAN STA 5033+00 TO STA 5045+00
2	08/15/08	DS1-T058	PAVEMENT MARKING PLAN STA 5045+00 TO STA 5057+00
2	08/15/08	DS1-T059	PAVEMENT MARKING PLAN STA 5057+00 STA 5069+00
2	08/15/08	DS1-T060	PAVEMENT MARKING PLAN STA 5069+00 TO STA 5081+00
2	08/15/08	DS1-T061	PAVEMENT MARKING PLAN STA 5081+00 TO STA 5093+40
4	08/15/08	DS1-T062	PAVEMENT MARKING PLAN PARKING LOT DETAIL
4	08/15/08	DS1-T100	SIGNING PLAN STA 1050+00 BIJ TO STA 1057+00 BIJ
2	08/15/08	DS1-T101	SIGNING PLAN STA 1057+00 BIJ TO STA 1062+50 BIJ
3	08/15/08	DS1-T102	SIGNING PLAN STA 1062+50 BIJ TO STA 1075+00 KIOWA
3	08/15/08	DS1-T103	SIGNING PLAN STA 1075+00 KIOWA TO END
2	08/15/08	DS1-T104	SIGNING PLAN STA 25018+00 TO STA 25021+00 SB I-25
3	08/15/08	DS1-T105	SIGNING PLAN STA 25021+00 SB I-25 TO STA 5033+00 I-25
2	08/15/08	DS1-T106	SIGNING PLAN STA 5033+00 TO STA 5045+00
2	08/15/08	DS1-T107	SIGNING PLAN STA 5045+00 TO STA 5057+00
2	08/15/08	DS1-T108	SIGNING PLAN STA 5057+00 STA 5069+00
2	08/15/08	DS1-T109	SIGNING PLAN STA 5069+00 TO STA 5081+00
2	08/15/08	DS1-T110	SIGNING PLAN STA 5081+00 TO STA 5093+40
2	08/15/08	DS1-T120	SIGN STRUCTURE CROSS SECTION STA 15028+10 SPECIAL 2
2	08/15/08	DS1-T121	SIGN STRUCTURE CROSS SECTION STA 5036+58 SPECIALS 3 & 4
3	08/15/08	DS1-T122	SIGN STRUCTURE CROSS SECTION STA 15030+96 SPECIAL 1
2	08/15/08	DS1-T123	OVERHEAD SIGN CROSS SECTIONS STA 5071+40 LT SPECIALS 9 & 10
2	08/15/08	DS1-T124	SIGN STRUCTURE CROSS SECTION STA 5039+20 SPECIAL 12
2	08/15/08	DS1-T125	SIGN STRUCTURE CROSS SECTION STA 25030+30 SPECIAL 13
2	08/15/08	DS1-T126	SIGN STRUCTURE CROSS SECTION STA 5076+80 SPECIAL 8
2	08/15/08	DS1-T127	SIGN STRUCTURE SPECIAL FOUNDATION, SIGN SPECIALS 3&4
2	08/15/08	DS1-T150	TRAFFIC SIGNAL NOTES AND LEGEND
2	08/15/08	DS1-T151	TRAFFIC SIGNAL PLANS BIJOU STREET AND WEST RAMP
2	08/15/08	DS1-T152	TRAFFIC SIGNAL PLANS BIJOU STREET AND EAST RAMP
2	08/15/08	DS1-T154	TRAFFIC SIGNAL PLANS, SPECIAL FOUNDATION, 45' SINGLE MAST ARM AT BIJOU/RAMP B3
1	08/15/08	DS1-T155	TRAFFIC SIGNAL PLANS, SPECIAL FOUNDATION, SIGNAL FOUNDATION AT WALL1-17-CR
3	08/15/08	DS1-L001	LIGHTING NOTES AND LEGEND
3	08/15/08	DS1-L002	ROADWAY LIGHTING PLANS SINGLE LINE DIAGRAM
3	08/15/08	DS1-L003	ROADWAY LIGHTING PLANS SINGLE LINE DIAGRAM
4	08/15/08	DS1-L051	LIGHTING PLAN STA 1050+00 BIJ TO STA 1057+00 BIJ
4	08/15/08	DS1-L052	LIGHTING PLAN 1057+00 BIJ TO STA 1062+50 BIJ
4	08/15/08	DS1-L053	LIGHTING PLAN STA 1075+00 KIOWA TO END

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
3	08/15/08	DS1-L054	LIGHTING PLAN STA 1075+00 TO END
2	08/15/08	DS1-L055	LIGHTING PLAN STA 25018+00 TO STA 25021+00 SB I-25
2	08/15/08	DS1-L056	LIGHTING PLAN STA 25021+00 SB I-25 TO STA 5033+00 I-25
4	08/15/08	DS1-L057	LIGHTING PLAN STA 5033+00 TO STA 5045+00
4	08/15/08	DS1-L058	LIGHTING PLAN STA 5045+00 TO STA 5057+00
2	08/15/08	DS1-L059	LIGHTING PLAN STA 5057+00 TO STA 5069+00
2	08/15/08	DS1-L060	LIGHTING PLAN STA 5069+00 TO STA 5081+00
2	08/15/08	DS1-L100	MEDIAN LIGHTING DETAILS FOUNDATION DETAILS (1 OF 2)
2	08/15/08	DS1-L101	MEDIAN LIGHTING DETAILS FOUNDATION DETAILS (2 OF 2)
2	08/15/08	DS1-L102	RAMP LIGHTING DETAILS FOUNDATION DETAILS (1 OF 2)
2	08/15/08	DS1-L103	RAMP LIGHTING DETAILS FOUNDATION DETAILS (2 OF 2)
2	08/15/08	DS1-NWCW1	DEMONSTRATION GARDENS NOISE WALL PLAN AND ELEVATION
1	08/15/08	DS1-NWCW2	DEMONSTRATION GARDENS NOISE WALL STRADDLE BEAM DETAILS STA. 5+28.58
1	08/15/08	DS1-NWCW3	DEMONSTRATION GARDENS NOISE WALL STRADDLE BEAM DETAILS STA. 5+59.08
2	08/15/08	DS1-NWCX1	MONUMENT VALLEY PARK NOISE WALL #1 PLAN AND ELEVATION
2	08/15/08	DS1-NWCY1	MONUMENT VALLEY PARK NOISE WALL #2 PLAN AND ELEVATION
2	08/15/08	DS1-NWCY2	MONUMENT VALLEY PARK NOISE WALL #2 STRUCTURE DETAILS
2	08/15/08	PSD-RWDT5	RETAINING WALL DETAILS BRIDGE RAIL TYPE 3 SPECIAL
2	08/15/08	PSD-RWEM6	END MONUMENT NO. 1 DIMENSIONS
2	08/15/08	PSD-RWEM7	END MONUMENT NO. 2 DIMENSIONS
2	08/15/08	PSD-RWEM8	END MONUMENT NO. 1 & NO. 2 REINFORCING DETAILS
2	08/15/08	PSD-RWEM9	END MONUMENT NO. 1 & NO. 2 DRIVEN PILE DETAILS
3	08/15/08	DS1-RWBP1	STRUCTURE NO. WALL I-17-BP PLAN 1 OF 2
2	08/15/08	DS1-RWBP2	STRUCTURE NO. WALL I-17-BP PLAN 2 OF 2
2	08/15/08	DS1-RWBP3	STRUCTURE NO. WALL I-17-BP ELEVATION 1 OF 2
2	08/15/08	DS1-RWBP4	STRUCTURE NO. WALL I-17-BP ELEVATION 2 OF 2
2	08/15/08	DS1-RWBP5	STRUCTURE NO. WALL I-17-BP DETAILS
2	08/15/08	DS1-RWBQ1	STRUCTURE NO. WALL I-17-BQ PLAN
2	08/15/08	DS1-RWBQ2	STRUCTURE NO. WALL I-17-BQ ELEVATION
2	08/15/08	DS1-RWCM1	STRUCTURE NO. WALL I-17-CM PLAN
2	08/15/08	DS1-RWCM2	STRUCTURE NO. WALL I-17-CM ELEVATION
2	08/15/08	DS1-RWCP1	STRUCTURE NO. WALL I-17-CP PLAN
2	08/15/08	DS1-RWCP2	STRUCTURE NO. WALL I-17-CP ELEVATION
2	08/15/08	DS1-RWCQ1	STRUCTURE NO. WALL I-17-CQ PLAN
2	08/15/08	DS1-RWCQ2	STRUCTURE NO. WALL I-17-CQ ELEVATION
2	08/15/08	DS1-RWCR1	STRUCTURE NO. WALL I-17-CR PLAN
2	08/15/08	DS1-RWCR2	STRUCTURE NO. WALL I-17-CR ELEVATION
2	08/15/08	DS1-RWCS1	STRUCTURE NO. WALL I-17-CS PLAN
3	08/15/08	DS1-RWCS2	STRUCTURE NO. WALL I-17-CS ELEVATION
2	08/15/08	DS1-RWBJE1	STRUCTURE NO. I-17-BJ-E PLAN
2	08/15/08	DS1-RWBJE2	STRUCTURE NO. I-17-BJ-E ELEVATION
2	08/15/08	DS1-RWBJE3	STRUCTURE NO. I-17-BJ-E DRIVEN PILE LAYOUT AND DETAILS
2	08/15/08	DS1-RWBJE4	STRUCTURE NO. I-17-BJ-E STAIR DETAILS
2	08/15/08	DS1-RWBJE5	STRUCTURE NO. I-17-BJ-E END MONUMENT DETAILS 1 OF 2
2	08/15/08	DS1-RWBJE6	STRUCTURE NO. I-17-BJ-E END MONUMENT DETAILS 2 OF 2
2	08/15/08	DS1-RWKW1	STRUCTURE NO. I-17-KW PLAN
2	08/15/08	DS1-RWKW2	STRUCTURE NO. I-17-KW ELEVATION
3	08/15/08	DS1-RWBJJ1-1	STRUCTURE NO. I-17-BJJ1 PLAN
3	08/15/08	DS1-RWBJJ1-2	STRUCTURE NO. I-17-BJJ1 ELEVATION
3	08/15/08	DS1-RWCLAR1	STRUCTURE NO. WALL I-17-CLAR PLAN
3	08/15/08	DS1-RWCLAR2	STRUCTURE NO. WALL I-17-CLAR ELEVATION
2	08/15/08	DS1-RWBQEXT1	RETAINING WALL I-17-BQ EXTENSION PLAN & ELEVATION (1 OF 2)
2	08/15/08	DS1-RWBQEXT2	RETAINING WALL I-17-BQ EXTENSION SECTIONS & DETAILS (2 OF 2)
2	08/15/08	DS1-F1	RETAINING WALLS BQ AND BQ EXTENSION FENCE GENERAL LAYOUT
2	08/15/08	DS1-F2	RETAINING WALLS BQ AND BQ EXTENSION FENCE ELEVATIONS 1 OF 4
2	08/15/08	DS1-F3	RETAINING WALLS BQ AND BQ EXTENSION FENCE ELEVATIONS 2 OF 4
2	08/15/08	DS1-F4	RETAINING WALLS BQ AND BQ EXTENSION FENCE ELEVATIONS 3 OF 4
2	08/15/08	DS1-F5	RETAINING WALLS BQ AND BQ EXTENSION FENCE ELEVATIONS 4 OF 4
2	08/15/08	DS1-CS1	CANTILEVER SLAB 1 OF 2
2	08/15/08	DS1-CS2	CANTILEVER SLAB 2 OF 2
2	08/15/08	DS1-DJ-B1	I-25 OVER MIDLAND TRAIL GENERAL INFORMATION
2	08/15/08	DS1-DJ-B2	I-25 OVER MIDLAND TRAIL GENERAL LAYOUT 1 OF 2

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
2	08/15/08	DS1-DJ-B3	I-25 OVER MIDLAND TRAIL GENERAL LAYOUT 2 OF 2
2	08/15/08	DS1-DJ-B4	I-25 OVER MIDLAND TRAIL CONSTRUCTION LAYOUT & FOUNDATION LAYOUT
2	08/15/08	DS1-DJ-B5	I-25 OVER MIDLAND TRAIL DRILLED CAISSON DETAILS
2	08/15/08	DS1-DJ-B6	I-25 OVER MIDLAND TRAIL ABUTMENT 1 DETAILS
2	08/15/08	DS1-DJ-B7	I-25 OVER MIDLAND TRAIL ABUTMENT 4 DETAILS
2	08/15/08	DS1-DJ-B8	I-25 OVER MIDLAND TRAIL PIER DETAILS
2	08/15/08	DS1-DJ-B9	I-25 OVER MIDLAND TRAIL BEARING DETAILS
2	08/15/08	DS1-DJ-B10	I-25 OVER MIDLAND TRAIL SUPERSTRUCTURE SECTION
2	08/15/08	DS1-DJ-B11	I-25 OVER MIDLAND TRAIL SLAB REINFORCING PLAN
2	08/15/08	DS1-DJ-B12	I-25 OVER MIDLAND TRAIL PRESTRESSED CONCRETE I-GIRDER 1 OF 3
2	08/15/08	DS1-DJ-B13	I-25 OVER MIDLAND TRAIL PRESTRESSED CONCRETE I-GIRDER 2 OF 3
2	08/15/08	DS1-DJ-B14	I-25 OVER MIDLAND TRAIL PRESTRESSED CONCRETE I-GIRDER 3 OF 3
2	08/15/08	DS1-DJ-B15	I-25 OVER MIDLAND TRAIL BRIDGE RAIL TYPE 10M 1 OF 2
2	08/15/08	DS1-DJ-B16	I-25 OVER MIDLAND TRAIL BRIDGE RAIL TYPE 10M 2 OF 2
2	08/15/08	DS1-DJ-B17	I-25 OVER MIDLAND TRAIL BRIDGE RAIL TYPE 10R MOD
2	08/15/08	DS1-DJ-B18	I-25 OVER MIDLAND TRAIL ENGINEERING GEOLOGY
2	08/15/08	DS1-OO-B1	I-25 OVER COLORADO AVENUE GENERAL INFORMATION
2	08/15/08	DS1-OO-B2	I-25 OVER COLORADO AVENUE GENERAL LAYOUT 1 OF 3
2	08/15/08	DS1-OO-B3	I-25 OVER COLORADO AVENUE GENERAL LAYOUT 2 OF 3
2	08/15/08	DS1-OO-B4	I-25 OVER COLORADO AVENUE GENERAL LAYOUT 3 OF 3
2	08/15/08	DS1-OO-B5	I-25 OVER COLORADO AVENUE CONSTRUCTION SEQUENCE
2	08/15/08	DS1-OO-B6	I-25 OVER COLORADO AVENUE CONSTRUCTION LAYOUT
3	08/15/08	DS1-OO-B7	I-25 OVER COLORADO AVENUE FOUNDATION LAYOUT
3	08/15/08	DS1-OO-B8	I-25 OVER COLORADO AVENUE CAISSON DETAILS
2	08/15/08	DS1-OO-B9	I-25 OVER COLORADO AVENUE DRIVEN PILE DETAILS
2	08/15/08	DS1-OO-B10	I-25 OVER COLORADO AVE ABUTMENT 1 DIMENSIONS 1 OF 2 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B11	I-25 OVER COLORADO AVE ABUTMENT 1 DIMENSIONS 2 OF 2 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B12	I-25 OVER COLORADO AVE ABUTMENT 1 DIMENSIONS 1 OF 2 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B13	I-25 OVER COLORADO AVE ABUTMENT 1 DIMENSIONS 2 OF 2 NB BRIDGE (I-17-OP)
3	08/15/08	DS1-OO-B14	I-25 OVER COLORADO AVE ABUTMENT 3 DIMENSIONS 1 OF 2 SB BRIDGE (I-17-OO)
3	08/15/08	DS1-OO-B15	I-25 OVER COLORADO AVE ABUTMENT 3 DIMENSIONS 2 OF 2 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B16	I-25 OVER COLORADO AVE ABUTMENT 3 DIMENSIONS 1 OF 2 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B17	I-25 OVER COLORADO AVE ABUTMENT 3 DIMENSIONS 2 OF 2 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B18	I-25 OVER COLORADO AVE ABUTMENT 1 REINFORCING 1 OF 2 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B19	I-25 OVER COLORADO AVE ABUTMENT 1 REINFORCING 2 OF 2 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B20	I-25 OVER COLORADO AVE ABUTMENT 1 REINFORCING 1 OF 2 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B21	I-25 OVER COLORADO AVE ABUTMENT 1 REINFORCING 2 OF 2 NB BRIDGE (I-17-OP)
3	08/15/08	DS1-OO-B22	I-25 OVER COLORADO AVE ABUTMENT 3 REINFORCING 1 OF 2 SB BRIDGE (I-17-OO)
3	08/15/08	DS1-OO-B23	I-25 OVER COLORADO AVE ABUTMENT 3 REINFORCING 2 OF 2 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B24	I-25 OVER COLORADO AVE ABUTMENT 3 REINFORCING 1 OF 2 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B25	I-25 OVER COLORADO AVE ABUTMENT 3 REINFORCING 2 OF 2 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B26	I-25 OVER OVER COLORADO AVENUE PIER 2 DIMENSIONS SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B27	I-25 OVER OVER COLORADO AVENUE PIER 2 DIMENSIONS NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B28	I-25 OVER COLORADO AVENUE COLUMN DETAILS
2	08/15/08	DS1-OO-B29	I-25 OVER COLO. AVE PIER CAP AND DIAPHRAGM DETAILS 1 OF 3 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B30	I-25 OVER COLO. AVE PIER CAP AND DIAPHRAGM DETAILS 2 OF 3 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B31	I-25 OVER COLO. AVE PIER CAP AND DIAPHRAGM DETAILS 3 OF 3 SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B32	I-25 OVER COLO. AVE PIER CAP AND DIAPHRAGM DETAILS 1 OF 4 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B33	I-25 OVER COLO. AVE PIER CAP AND DIAPHRAGM DETAILS 2 OF 4 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B34	I-25 OVER COLO. AVE PIER CAP AND DIAPHRAGM DETAILS 3 OF 4 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B35	I-25 OVER COLO. AVE PIER CAP AND DIAPHRAGM DETAILS 4 OF 4 NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B36	I-25 OVER COLORADO AVENUE GROUT PAD DETAILS 1 OF 2
2	08/15/08	DS1-OO-B37	I-25 OVER COLORADO AVENUE GROUT PAD DETAILS 2 OF 2
2	08/15/08	DS1-OO-B38	I-25 OVER COLORADO AVE SUPERSTRUCTURE SECTION
3	08/15/08	DS1-OO-B39	I-25 OVER COLORADO AVE SLAB REINFORCING PLAN SB BRIDGE (I-17-OO)
2	08/15/08	DS1-OO-B40	I-25 OVER COLORADO AVE SLAB REINFORCING PLAN NB BRIDGE (I-17-OP)
2	08/15/08	DS1-OO-B41	I-25 OVER COLORADO AVENUE PRESTRESSED CONCRETE U-GIRDER 1 OF 3
2	08/15/08	DS1-OO-B42	I-25 OVER COLORADO AVENUE PRESTRESSED CONCRETE U-GIRDER 2 OF 3
2	08/15/08	DS1-OO-B43	I-25 OVER COLORADO AVENUE PRESTRESSED CONCRETE U-GIRDER 3 OF 3

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
6	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07	
7	FINAL DESIGN PLANS SUBMITTAL	06/14/07	
8	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07	
9	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1 INDEX OF SHEETS-2

Project No./Code
IM 0252-370
S.A. 14740

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
2	08/15/08	DS1-OQ-B1	BIJOU STREET OVER I-25 GENERAL INFORMATION
2	08/15/08	DS1-OQ-B2	BIJOU STREET OVER I-25 GENERAL LAYOUT 1 OF 2
2	08/15/08	DS1-OQ-B3	BIJOU STREET OVER I-25 GENERAL LAYOUT 2 OF 2
2	08/15/08	DS1-OQ-B4	BIJOU STREET OVER I-25 CONSTRUCTION LAYOUT
2	08/15/08	DS1-OQ-B5	BIJOU STREET OVER I-25 FOUNDATION LAYOUT
2	08/15/08	DS1-OQ-B6	BIJOU STREET OVER I-25 CAISSON AND DRIVEN PILE DETAILS
2	08/15/08	DS1-OQ-B7	BIJOU STREET OVER I-25 ABUTMENT 1 DIMENSIONS 1 OF 2
2	08/15/08	DS1-OQ-B8	BIJOU STREET OVER I-25 ABUTMENT 1 DIMENSIONS 2 OF 2
2	08/15/08	DS1-OQ-B9	BIJOU STREET OVER I-25 ABUTMENT 3 DIMENSIONS 1 OF 2
2	08/15/08	DS1-OQ-B10	BIJOU STREET OVER I-25 ABUTMENT 3 DIMENSIONS 2 OF 2
2	08/15/08	DS1-OQ-B11	BIJOU STREET OVER I-25 ABUTMENT REINFORCING 1 OF 2
2	08/15/08	DS1-OQ-B12	BIJOU STREET OVER I-25 ABUTMENT REINFORCING 2 OF 2
2	08/15/08	DS1-OQ-B13	BIJOU STREET OVER I-25 PIER 2 DIMENSIONS
2	08/15/08	DS1-OQ-B14	BIJOU STREET OVER I-25 COLUMN DETAILS
2	08/15/08	DS1-OQ-B15	BIJOU STREET OVER I-25 PIER CAP AND DIAPHRAGM DETAILS 1 OF 3
2	08/15/08	DS1-OQ-B16	BIJOU STREET OVER I-25 PIER CAP AND DIAPHRAGM DETAILS 2 OF 3
2	08/15/08	DS1-OQ-B17	BIJOU STREET OVER I-25 PIER CAP AND DIAPHRAGM DETAILS 3 OF 3
2	08/15/08	DS1-OQ-B18	BIJOU STREET OVER I-25 GROUT PAD DETAILS
2	08/15/08	DS1-OQ-B19	BIJOU STREET OVER I-25 SUPERSTRUCTURE SECTION
2	08/15/08	DS1-OQ-B20	BIJOU STREET OVER I-25 SLAB REINFORCING PLAN
2	08/15/08	DS1-OQ-B21	BIJOU STREET OVER I-25 PRESTRESSED CONCRETE U-GIRDER 1 OF 3
2	08/15/08	DS1-OQ-B22	BIJOU STREET OVER I-25 PRESTRESSED CONCRETE U-GIRDER 2 OF 3
2	08/15/08	DS1-OQ-B23	BIJOU STREET OVER I-25 PRESTRESSED CONCRETE U-GIRDER 3 OF 3
5	08/15/08	DS1-OQ-R1	RFI 149 BIJOU STREET OVER I-25 NORTHSIDE RAIL DIMENSIONS (1 OF 2)
5	08/15/08	DS1-OQ-R2	RFI 149 BIJOU STREET OVER I-25 NORTHSIDE RAIL DIMENSIONS (2 OF 2)
5	08/15/08	DS1-OQ-R3	RFI 149 BIJOU STREET OVER I-25 SOUTHSIDE RAIL DIMENSIONS (1 OF 2)
5	08/15/08	DS1-OQ-R4	RFI 149 BIJOU STREET OVER I-25 SOUTHSIDE RAIL DIMENSIONS (2 OF 2)
5	08/15/08	DS1-OQ-R5	RFI 149 BIJOU STREET OVER I-25 RAIL AND PILASTER DETAILS
2	08/15/08	DS1-BJ-B1	BIJOU STREET OVER MONUMENT CREEK AND UPRR GENERAL INFORMATION
2	08/15/08	DS1-BJ-B2	BIJOU STREET OVER MONUMENT CREEK AND UPRR GENERAL LAYOUT 1 OF 2
2	08/15/08	DS1-BJ-B3	BIJOU STREET OVER MONUMENT CREEK AND UPRR GENERAL LAYOUT 2 OF 2
2	08/15/08	DS1-BJ-B4	BIJOU STREET OVER MONUMENT CREEK AND UPRR CONSTRUCTION SEQUENCE
4	08/15/08	DS1-BJ-B5	BIJOU STREET OVER MONUMENT CREEK AND UPRR CONSTRUCTION LAYOUT 1 OF 2
3	08/15/08	DS1-BJ-B6	BIJOU STREET OVER MONUMENT CREEK AND UPRR CONSTRUCTION LAYOUT 2 OF 2
4	08/15/08	DS1-BJ-B7	BIJOU STREET OVER MONUMENT CREEK AND UPRR FOUNDATION LAYOUT
4	08/15/08	DS1-BJ-B8	BIJOU STREET OVER MONUMENT CREEK AND UPRR CAISSON AND DRIVEN PILE DETAILS
4	08/15/08	DS1-BJ-B9	BIJOU STREET OVER MONUMENT CREEK AND UPRR ABUT 1 CONSTRUCTION SEQUENCE
4	08/15/08	DS1-BJ-B10	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 DIMENSIONS 1 OF 3
4	08/15/08	DS1-BJ-B11	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 DIMENSIONS 2 OF 3
4	08/15/08	DS1-BJ-B12	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 DIMENSIONS 3 OF 3
2	08/15/08	DS1-BJ-B13	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 5 DIMENSIONS 1 OF 2
2	08/15/08	DS1-BJ-B14	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 5 DIMENSIONS 2 OF 2
4	08/15/08	DS1-BJ-B15	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 REINFORCEMENT 1 OF 4
4	08/15/08	DS1-BJ-B16	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 REINFORCEMENT 2 OF 4
4	08/15/08	DS1-BJ-B17	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 REINFORCEMENT 3 OF 4
4	08/15/08	DS1-BJ-B18	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 REINFORCEMENT 4 OF 4
2	08/15/08	DS1-BJ-B19	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 5 REINFORCING 1 OF 3
2	08/15/08	DS1-BJ-B20	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 5 REINFORCING 2 OF 3
2	08/15/08	DS1-BJ-B21	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 5 REINFORCING 3 OF 3
2	08/15/08	DS1-BJ-B22	BIJOU STREET OVER MONUMENT CREEK AND UPRR PIER 2 DIMENSIONS
2	08/15/08	DS1-BJ-B23	BIJOU STREET OVER MONUMENT CREEK AND UPRR PIER 3 DIMENSIONS
2	08/15/08	DS1-BJ-B24	BIJOU STREET OVER MONUMENT CREEK AND UPRR PIER 4 DIMENSIONS
2	08/15/08	DS1-BJ-B25	BIJOU STREET OVER MONUMENT CREEK AND UPRR COLUMN DETAILS
2	08/15/08	DS1-BJ-B26	BIJOU STREET OVER MON. CREEK AND UPRR PIER CAP 2 & DIAPHRAM DETAILS 1 OF 2
2	08/15/08	DS1-BJ-B27	BIJOU STREET OVER MON. CREEK AND UPRR PIER CAP 2 & DIAPHRAM DETAILS 2 OF 2
2	08/15/08	DS1-BJ-B28	BIJOU STREET OVER MON. CREEK AND UPRR PIER CAP 3 & DIAPHRAM DETAILS 1 OF 2
2	08/15/08	DS1-BJ-B29	BIJOU STREET OVER MON. CREEK AND UPRR PIER CAP 3 & DIAPHRAM DETAILS 2 OF 2
2	08/15/08	DS1-BJ-B30	BIJOU STREET OVER MON. CREEK AND UPRR PIER CAP 4 & DIAPHRAM DETAILS 1 OF 2
2	08/15/08	DS1-BJ-B31	BIJOU STREET OVER MON. CREEK AND UPRR PIER CAP 4 & DIAPHRAM DETAILS 2 OF 2
2	08/15/08	DS1-BJ-B32	BIJOU STREET OVER MON. CREEK AND UPRR BEARING DETAILS
2	08/15/08	DS1-BJ-B33	BIJOU STREET OVER MON. CREEK AND UPRR SUPERSTRUCTURE SECTION
2	08/15/08	DS1-BJ-B34	BIJOU STREET OVER MON. CREEK AND UPRR SLAB REINFORCING PLAN 1 OF 2
2	08/15/08	DS1-BJ-B35	BIJOU STREET OVER MON. CREEK AND UPRR SLAB REINFORCING PLAN 2 OF 2
2	08/15/08	DS1-BJ-B36	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 1 1 OF 3

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
2	08/15/08	DS1-BJ-B37	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 1 2 OF 3
2	08/15/08	DS1-BJ-B38	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 1 3 OF 3
2	08/15/08	DS1-BJ-B39	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 2 1 OF 3
2	08/15/08	DS1-BJ-B40	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 2 2 OF 3
2	08/15/08	DS1-BJ-B41	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 2 3 OF 3
2	08/15/08	DS1-BJ-B42	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 3 1 OF 3
2	08/15/08	DS1-BJ-B43	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 3 2 OF 3
2	08/15/08	DS1-BJ-B44	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 3 3 OF 3
2	08/15/08	DS1-BJ-B45	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 4 1 OF 3
2	08/15/08	DS1-BJ-B46	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 4 2 OF 3
2	08/15/08	DS1-BJ-B47	BIJOU STREET OVER MONUMENT CREEK CONCRETE U GIRDER DETAILS SPAN 4 3 OF 3
2	08/15/08	DS1-BJ-B48	BIJOU STREET OVER MONUMENT CREEK POST TENSIONING NOTES
2	08/15/08	DS1-BJ-B49	BIJOU STREET OVER MONUMENT CREEK CAST IN PLACE DETAILS
2	08/15/08	DS1-BJ-B50	BIJOU STREET OVER MONUMENT CREEK POST TENSIONING LAYOUT 2 OF 4
2	08/15/08	DS1-BJ-B51	BIJOU STREET OVER MONUMENT CREEK POST TENSIONING LAYOUT 3 OF 4
2	08/15/08	DS1-BJ-B52	BIJOU STREET OVER MONUMENT CREEK POST TENSIONING LAYOUT 4 OF 4
2	08/15/08	DS1-BJ-B53	BIJOU STREET OVER MONUMENT CREEK CAST IN PLACE DETAILS
2	08/15/08	DS1-BJ-B54	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 DIAPHRAGM DETAILS 1 OF 2
2	08/15/08	DS1-BJ-B55	BIJOU STREET OVER MONUMENT CREEK ABUTMENT 1 DIAPHRAGM DETAILS 2 OF 2
2	08/15/08	DS1-BJ-B56	BIJOU STREET OVER MONUMENT CREEK MODULAR EXPANSION DEVICE (0-8 INCH) 1 OF 2
2	08/15/08	DS1-BJ-B57	BIJOU STREET OVER MONUMENT CREEK MODULAR EXPANSION DEVICE (0-8 INCH) 2 OF 2
2	08/15/08	DS1-BJ-B58	BIJOU STREET OVER MONUMENT CREEK AND UPRR BRIDGE HYDRAULIC INFORMATION 1 OF 2
2	08/15/08	DS1-BJ-B59	BIJOU STREET OVER MONUMENT CREEK AND UPRR BRIDGE HYDRAULIC INFORMATION 2 OF 2
2	08/15/08	DS1-ET1	ELECTRICAL CHASE GENERAL INFORMATION
2	08/15/08	DS1-ET2	ELECTRICAL CHASE GENERAL LAYOUT
2	08/15/08	DS1-ET3	ELECTRICAL CHASE REINFORCING DETAILS
2	08/15/08	DS1-UV1	UTILITY VAULT GENERAL INFORMATION
2	08/15/08	DS1-UV2	UTILITY VAULT GENERAL LAYOUT
2	08/15/08	DS1-UV3	UTILITY VAULT REINFORCING DETAILS
3	08/15/08	DS1-EJ-B1	EXPANSION JOINT REPLACEMENT SB I-25 OVER UINTAH SB I-25 OVER FONTANERO
2	08/15/08	STD-B524	APPROACH SLAB TYPE IV DETAILS 1 OF 2
2	08/15/08	STD-B525	APPROACH SLAB TYPE IV DETAILS 2 OF 2
2	08/15/08	STD-B526	ARCHITECTURAL RAIL DETAILS 1 OF 3
2	08/15/08	STD-B527	ARCHITECTURAL RAIL DETAILS 2 OF 3
2	08/15/08	STD-B528	ARCHITECTURAL RAIL DETAILS 3 OF 3
2	08/15/08	DS1-U201	I-25 UTILITY PLAN STA 5009+00 TO STA 5021+00
2	08/15/08	DS1-U202	I-25 UTILITY PLAN STA 5021+00 TO STA 5033+00
2	08/15/08	DS1-U203	I-25 UTILITY PLAN STA 5033+00 TO STA 5045+00
2	08/15/08	DS1-U204	I-25 UTILITY PLAN STA 5045+00 TO STA 5057+00
2	08/15/08	DS1-U205	I-25 UTILITY PLAN STA 5057+00 TO STA 5069+00
2	08/15/08	DS1-U206	I-25 UTILITY PLAN STA 5069+00 TO STA 5081+00
2	08/15/08	DS1-U207	I-25 UTILITY PLAN STA 5081+00 TO STA 5093+00
2	08/15/08	DS1-U208	I-25 UTILITY PLAN STA 5093+00 TO STA 5105+00
2	08/15/08	DS1-U209	BIJOU UTILITY PLAN STA 1050+00 TO STA 1062+00
2	08/15/08	DS1-U210	BIJOU UTILITY PLAN STA 1062+00 TO END
2	08/15/08	DS1-U211	POTHOLE TABLE
2	08/15/08	DS1-X001	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X002	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X003	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X004	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X005	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X006	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X007	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X008	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X009	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X010	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X011	ROADWAY CROSS SECTIONS

ISSUE NUMBER	ISSUE DATE	DRAWING NO.	DRAWING TITLE
2	08/15/08	DS1-X012	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X013	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X014	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X015	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X016	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X017	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X018	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X019	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X020	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X021	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X022	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X023	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X024	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X025	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X026	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X027	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X028	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X029	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X030	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X031	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X032	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X033	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X034	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X035	ROADWAY CROSS SECTIONS
3	08/15/08	DS1-X036	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X037	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X038	ROADWAY CROSS SECTIONS
3	08/15/08	DS1-X039	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X040	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X041	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X042	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X043	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X044	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X045	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X046	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X047	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X048	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X049	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X050	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X051	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X052	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X053	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X054	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X055	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X056	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X057	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X058	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X059	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X060	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X061	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X062	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X063	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X064	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X065	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X066	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X067	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X068	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X069	ROADWAY CROSS SECTIONS
2	08/15/08	DS1-X070	ROADWAY CROSS SECTIONS
3	08/15/08	DS1-X071	ROADWAY CROSS SECTIONS

ISSUE RECORD		
NO.	DESCRIPTION	DATE
5	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
6	FINAL DESIGN PLANS SUBMITTAL	06/14/07
7	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
8	AS-BUILT PLANS SUBMITTAL	08/15/08

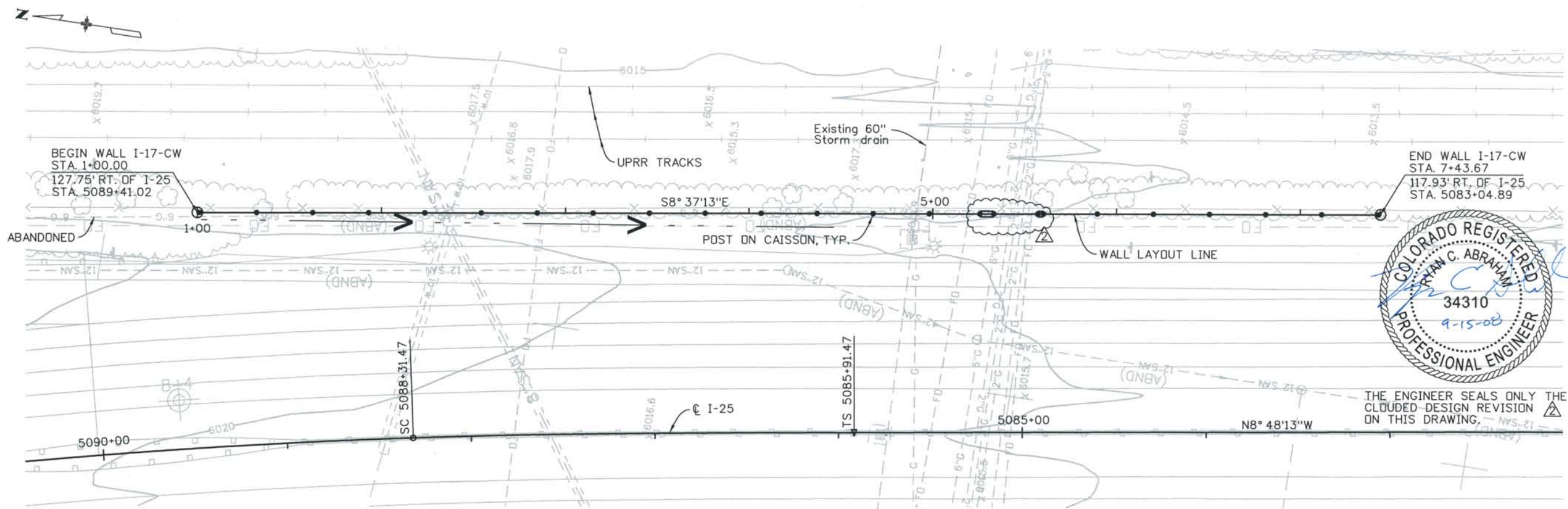


DESIGN SEGMENT 1 INDEX OF SHEETS-3

Project No./Code	
IM 0252-370 S.A. 14740	
File Name	DS1-GENX-2.dgn
Drawing Number	DS1-G004

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
TIMOTHY D. EVERSOLL
COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

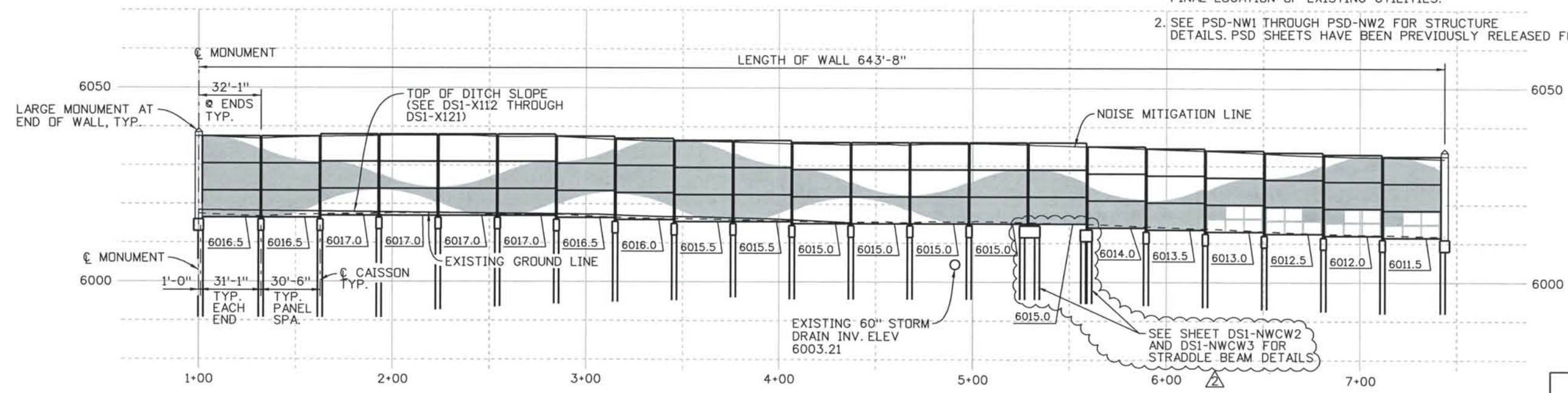


THE ENGINEER SEALS ONLY THE
 CLOUDED DESIGN REVISION
 ON THIS DRAWING.

PLAN

NOTES:

1. CAISSON LOCATION TO BE CONFIRMED FOLLOWING FINAL LOCATION OF EXISTING UTILITIES.
2. SEE PSD-NW1 THROUGH PSD-NW2 FOR STRUCTURE DETAILS. PSD SHEETS HAVE BEEN PREVIOUSLY RELEASED FOR CONSTRUCTION.



ELEVATION

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 10:37:12 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 60 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 DEMONSTRATION GARDENS NOISE WALL
 PLAN AND ELEVATION

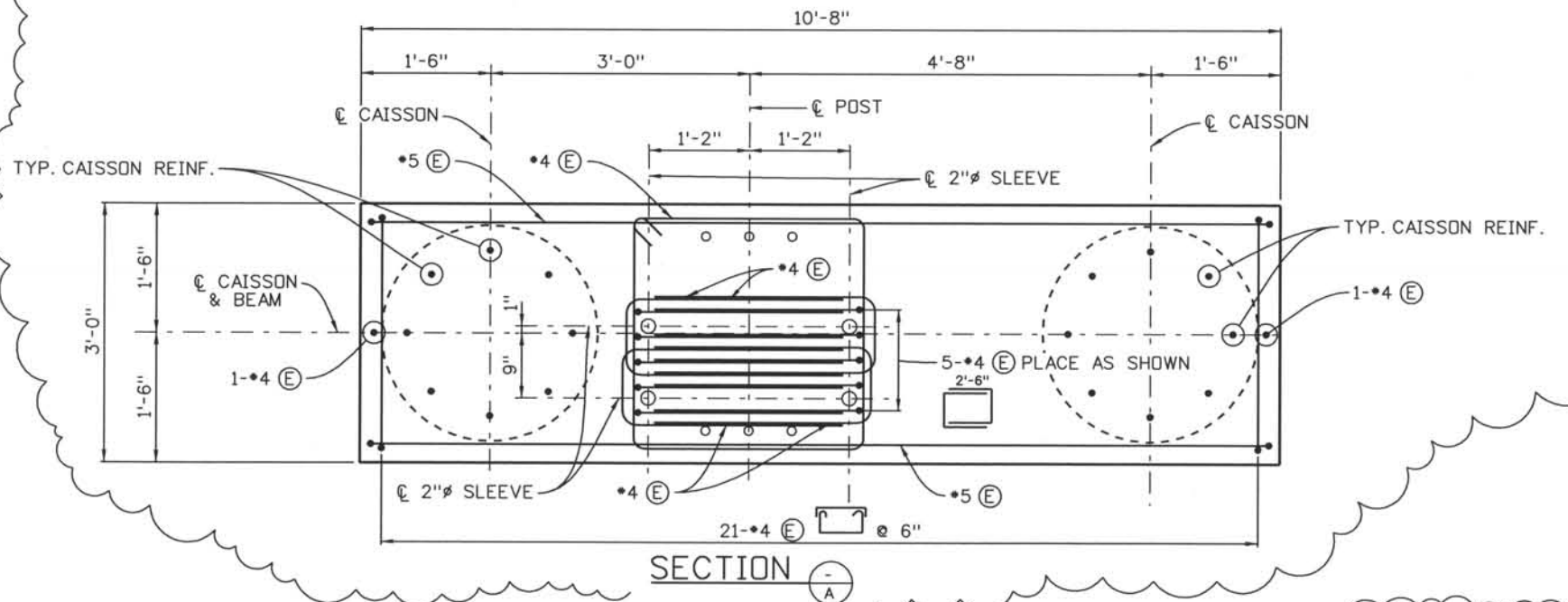
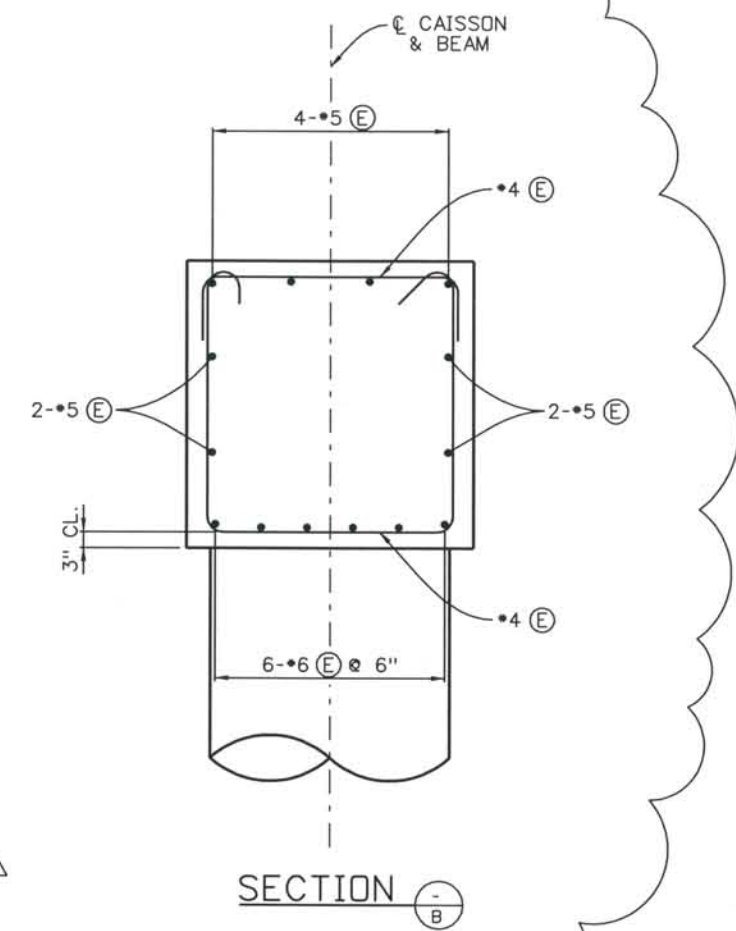
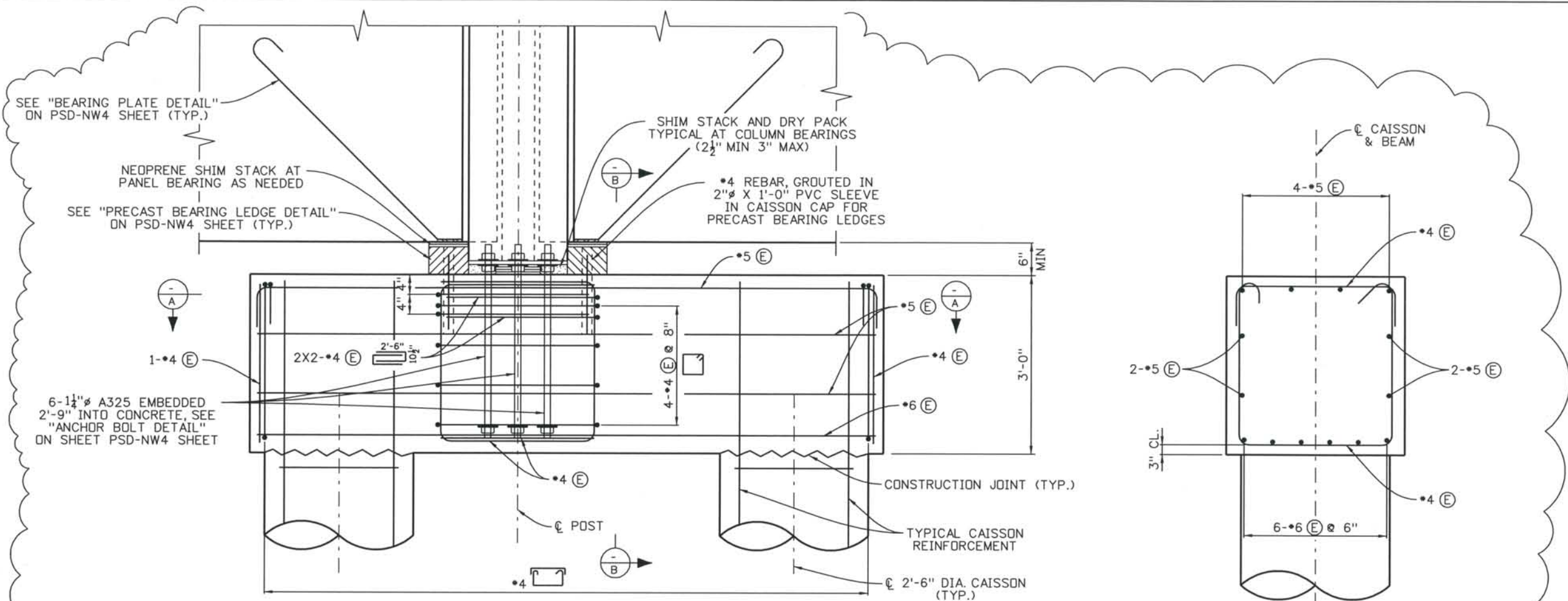
File Name: DSI-NWPP-CW01.DGN
 Structure Number: WALL I-17-CW

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-NWCW1
 Structure Sheet No.: 1 of 3

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 12:08:04 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Walls
 Units: US Survey Foot
 Scale: DScale



SECTION A

SECTION B

ELEVATION

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 DEMONSTRATION GARDENS NOISE WALL
 STRADDLE BEAM DETAILS Δ
 STA. 5+28.58

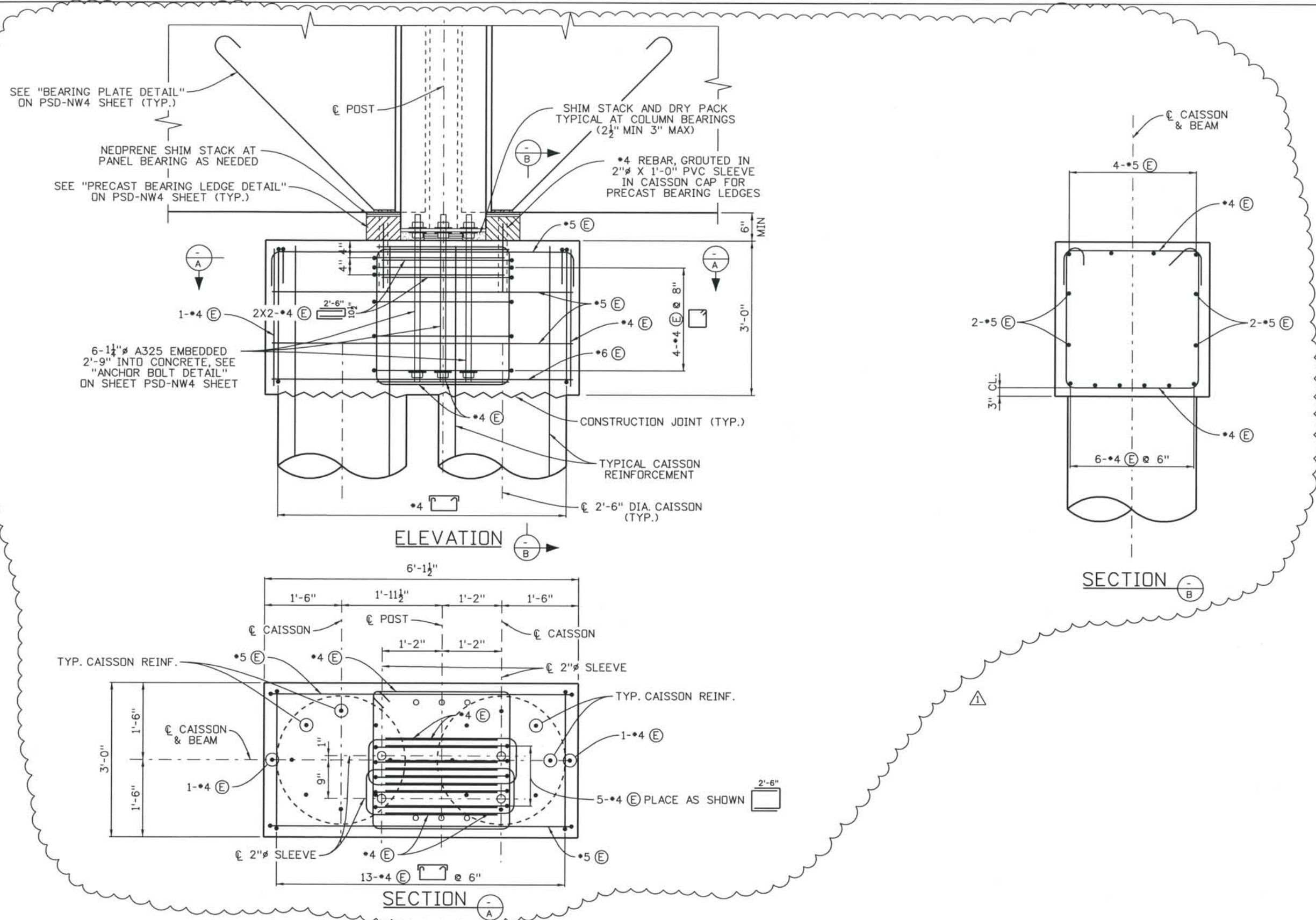
File Name: DSI-NWDT-CW01.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: Δ	Project Dwg. No.: DSI-NWCW2 Δ
WALL I-17-CW	Structure Sheet No. 2 of 3



THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 12:08:07 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Walls
 Scale: DScale
 Units: US Survey Foot

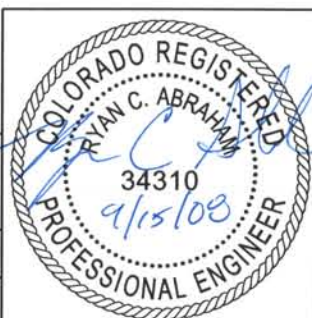


ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	AS-BUILT PLANS SUBMITTAL	08/15/08

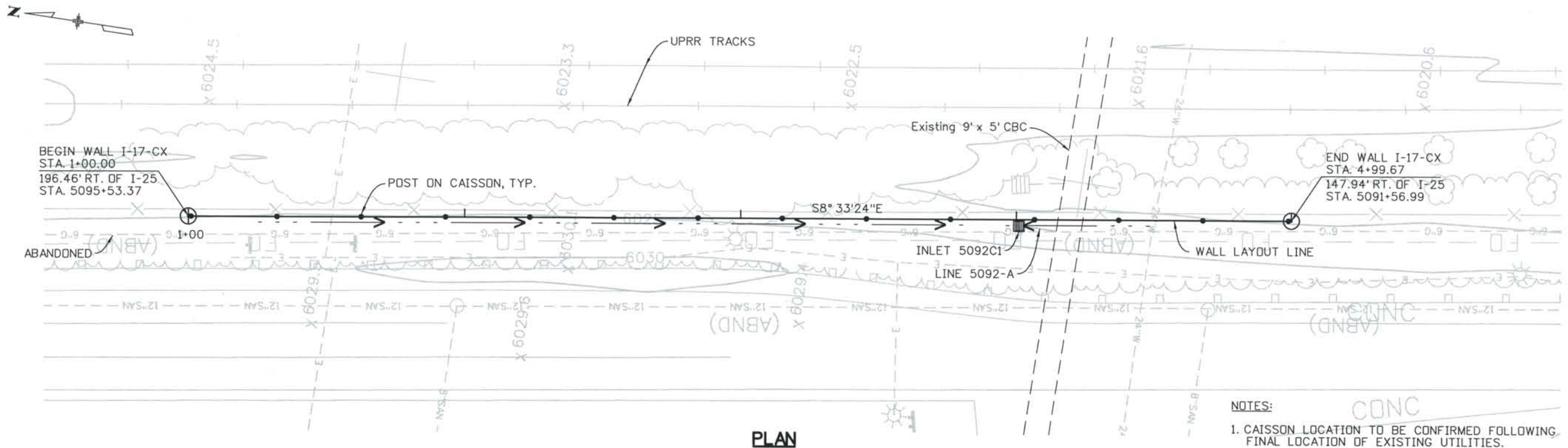


DESIGN SEGMENT 1
 DEMONSTRATION GARDENS NOISE WALL
 STRADDLE BEAM DETAILS
 STA. 5+59.08

File Name: DS1-NWDT-CW02.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: Wall I-17-CW	Project Dwg. No.: DS1-NWCW3
	Structure Sheet No.: 3 of 3

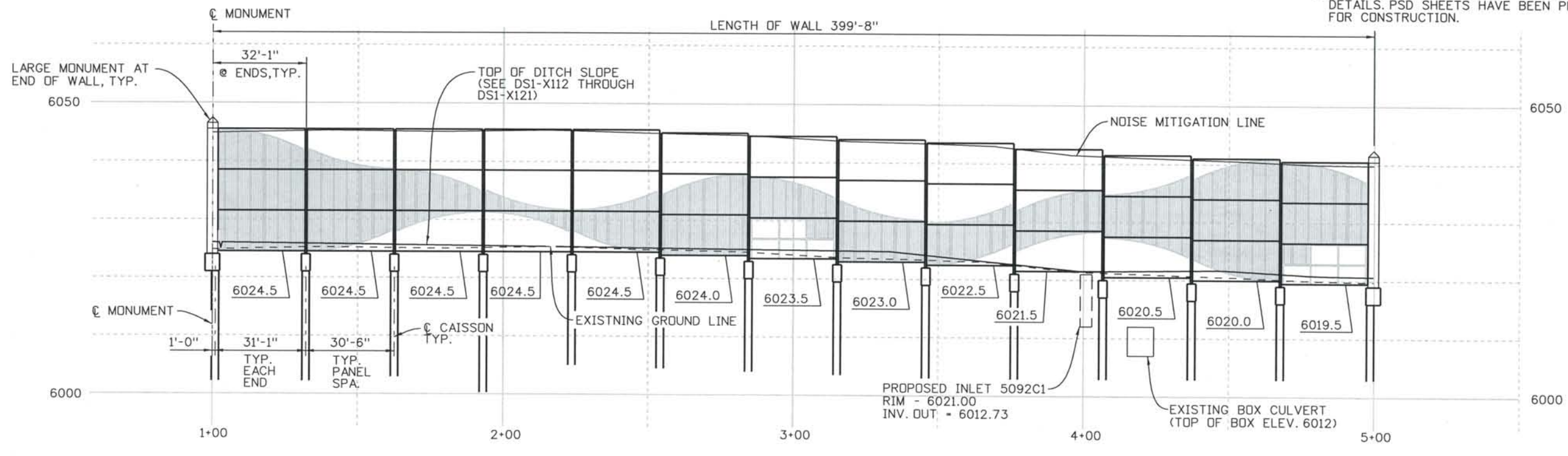


THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN

- NOTES:**
1. CAISSON LOCATION TO BE CONFIRMED FOLLOWING FINAL LOCATION OF EXISTING UTILITIES.
 2. SEE PSD-NW1 THROUGH PSD-NW7 FOR STRUCTURE DETAILS. PSD SHEETS HAVE BEEN PREVIOUSLY RELEASED FOR CONSTRUCTION.



ELEVATION

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:14:17 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 40 at 11x17 Units: US Survey Foot

ISSUE RECORD		
ND.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



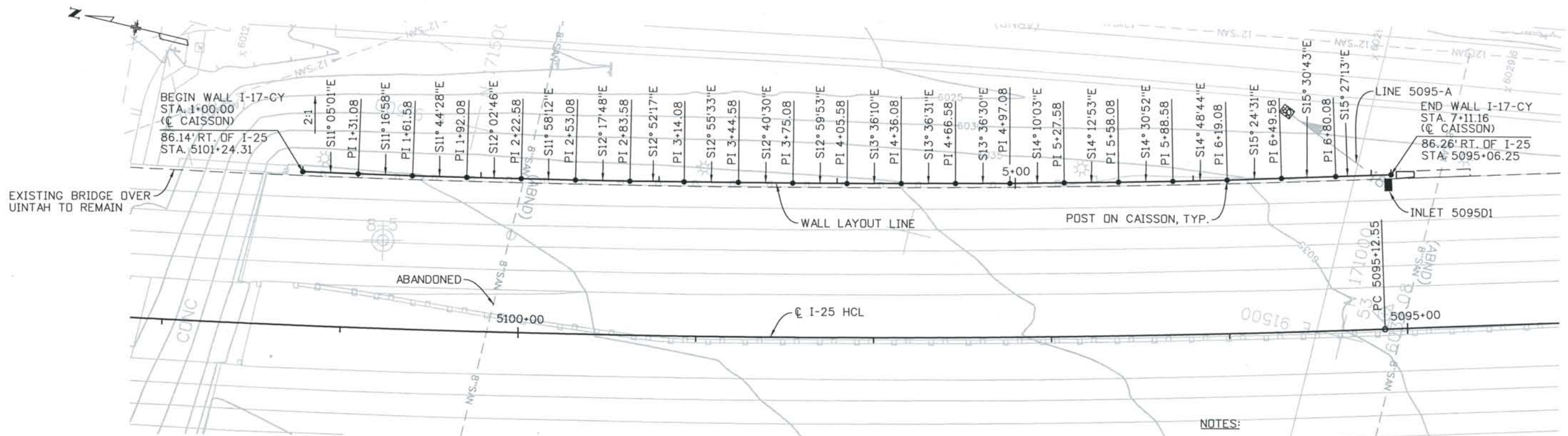
DESIGN SEGMENT 1
MONUMENT VALLEY PARK NOISE WALL #1
PLAN AND ELEVATION

File Name: DS1-NWPP-CX01.DGN
 Structure Number:
 WALL I-17-CX

Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-NWCX1
 Structure Sheet No.: 1 of 1

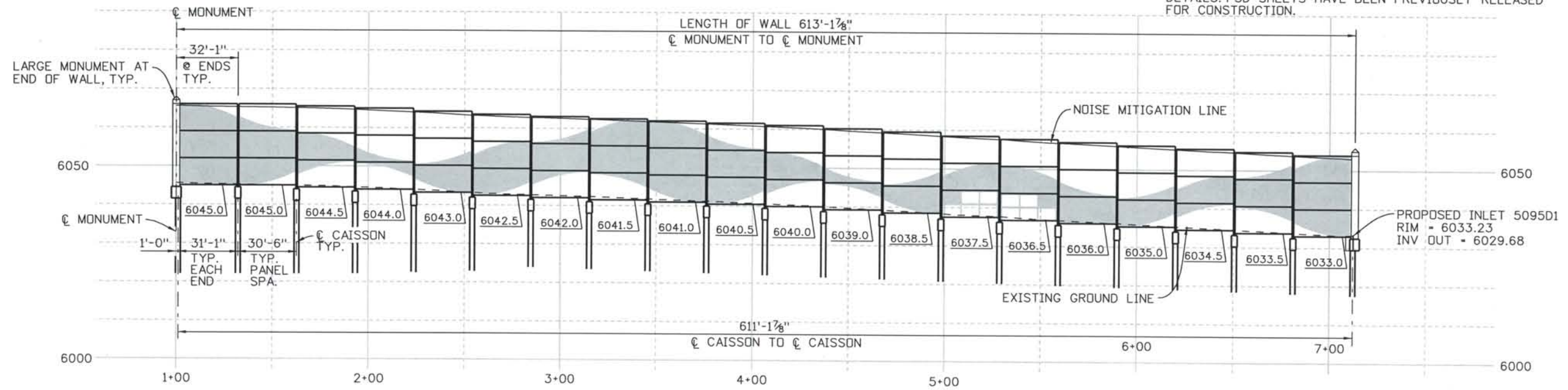
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN

- NOTES:**
1. CAISSON LOCATION TO BE CONFIRMED FOLLOWING FINAL LOCATION OF EXISTING UTILITIES.
 2. SEE PSD-NW1 THROUGH PSD-NW2 FOR STRUCTURE DETAILS. PSD SHEETS HAVE BEEN PREVIOUSLY RELEASED FOR CONSTRUCTION.



ELEVATION

Computer File Information
Date Plotted: 9/4/2008
Time Plotted: 11:14:22 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Bridge
Scale: 60 Scale on 1/4"=1' US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



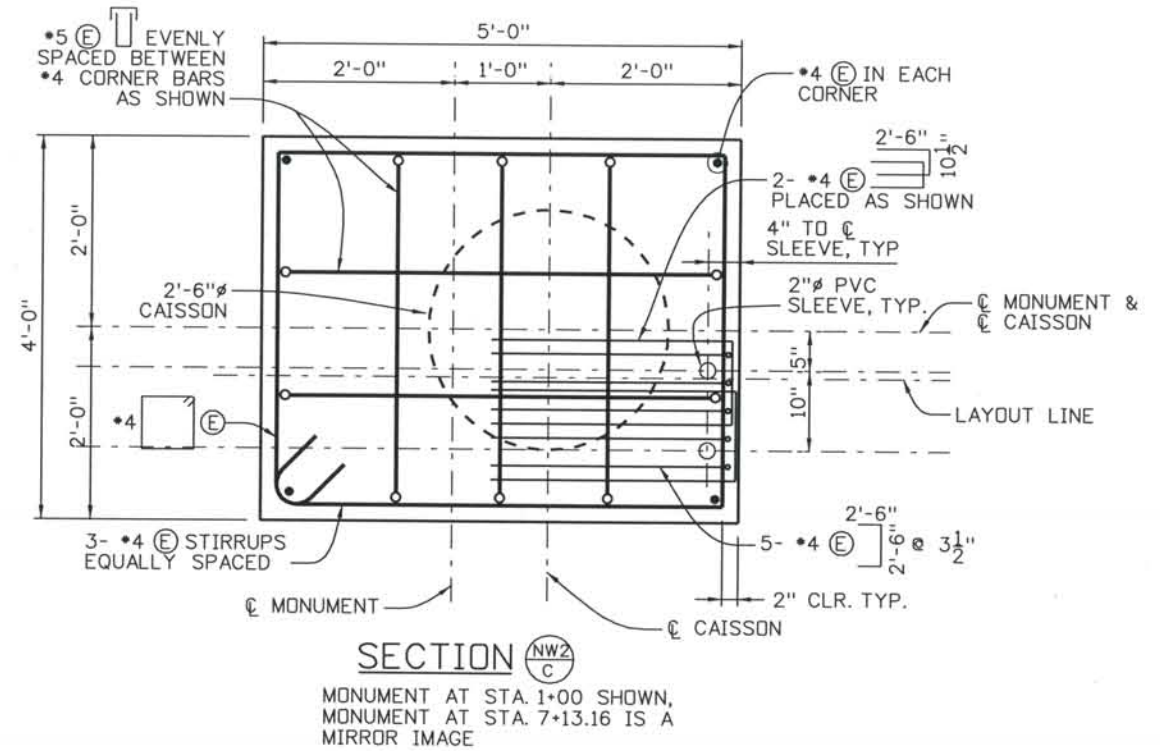
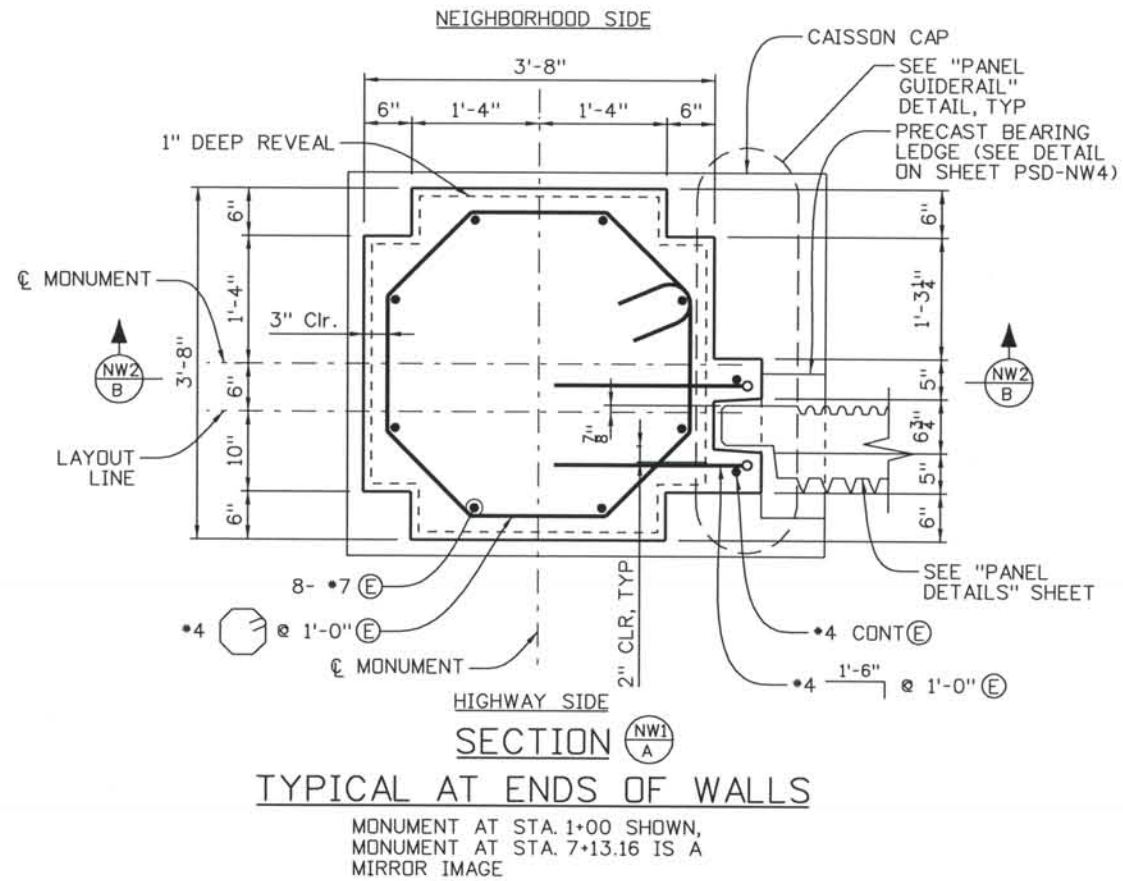
DESIGN SEGMENT 1
MONUMENT VALLEY PARK NOISE WALL #2
PLAN AND ELEVATION

File Name: DS1-NWPP-CY01.DGN
Structure Number: WALL I-17-CY

Project No./Code: IM 0252-370 S.A. 14740
Project Dwg. No.: DS1-NWCY1
Structure Sheet No.: 1 of 2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



NOTE:

See sheets PSD-NW1 through PSD-NW6
for additional details

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 AVA DORN
 COLORADO P.E. NO. 32545

Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 11:14:26 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Wall
 Scale: 2 at 11x17
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



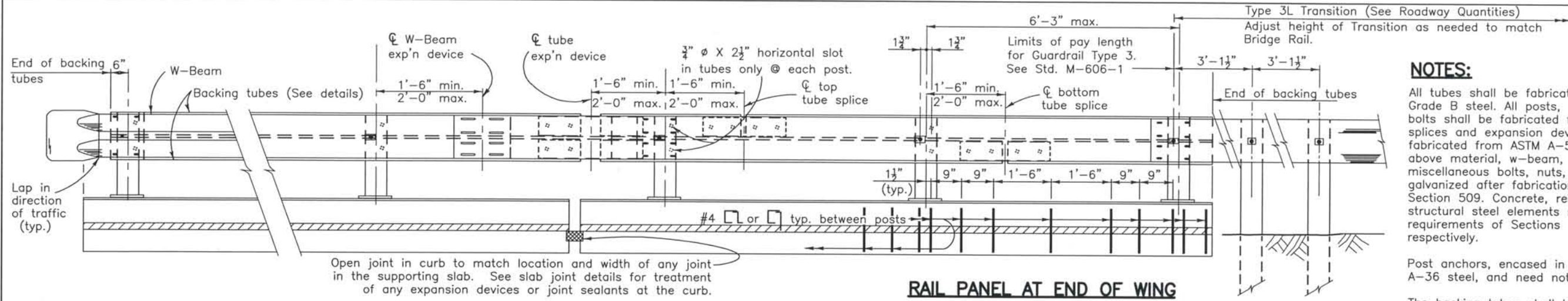
DESIGN SEGMENT 1
MONUMENT VALLEY PARK NOISE WALL #2
STRUCTURE DETAILS

File Name: DS1-NWPP-CY02.DGN
 Structure Number:
 WALL I-17-CY

Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-NWCY2
 Structure Sheet No.: 2 of 2

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
Date Plotted: 9/4/2008
Time Plotted: 11:14:30 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004
As-Built
327504.DS1 Bridge
Scale: 2 at 11X17 Units: US Survey Foot

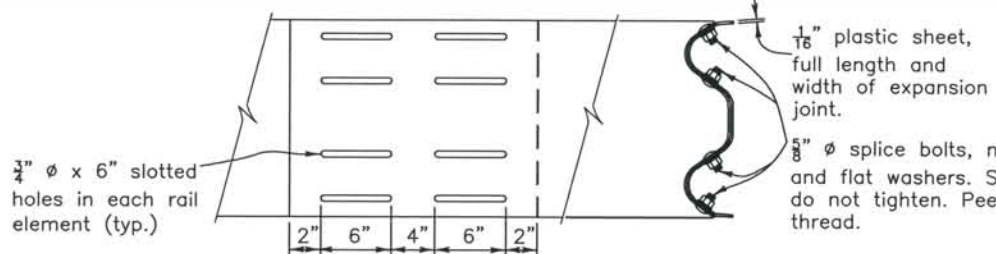


NOTES:
All tubes shall be fabricated from ASTM A-500 Grade B steel. All posts, base plates, and anchor bolts shall be fabricated from ASTM A-36 steel. All splices and expansion devices for tubes shall be fabricated from ASTM A-572, Grade 50 steel. The above material, w-beam, and all anchor bolts and miscellaneous bolts, nuts, and washers shall be galvanized after fabrication in accordance with Section 509. Concrete, reinforcing steel, and structural steel elements shall conform to the requirements of Sections 601, 602, and 509, respectively.
Post anchors, encased in concrete, shall be ASTM A-36 steel, and need not be galvanized.
The backing tubes shall be shop bent or fabricated to fit horizontal curve when the radius is less than 1500 feet.
Tubes shall be continuous over not less than two posts. No welded butt splices will be allowed in the tube sections.
Posts shall be perpendicular to the longitudinal roadway grade.
Contractor shall provide terminal section (flared) when no approach guardrail is used.
For additional details, see Std. M-606-1.
Prior to fabrication of this item, three sets of working drawings which comply with the requirements of Section 105 shall be submitted to the Engineer for information only.

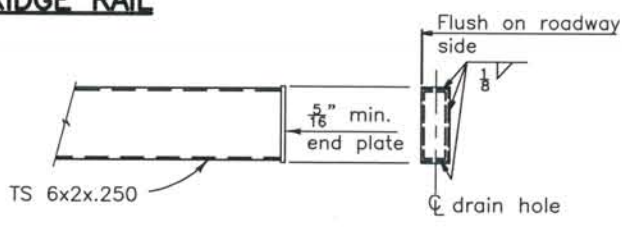
RAIL PANEL AT TERMINAL SECTION
(See roadway plans for ends requiring terminal section)

RAIL PANEL AT EXP'N DEVICE
ELEVATION - BRIDGE RAIL

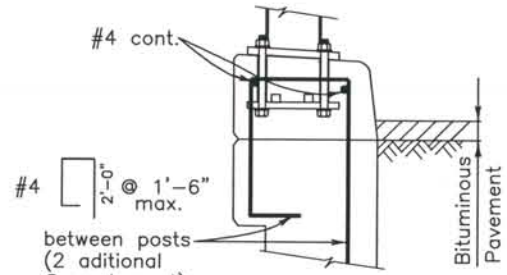
RAIL PANEL AT END OF WING



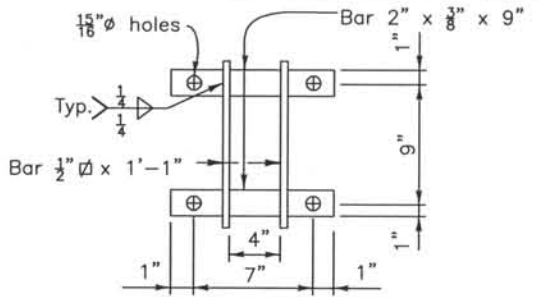
EXP'N. DEVICE (W-BEAM)



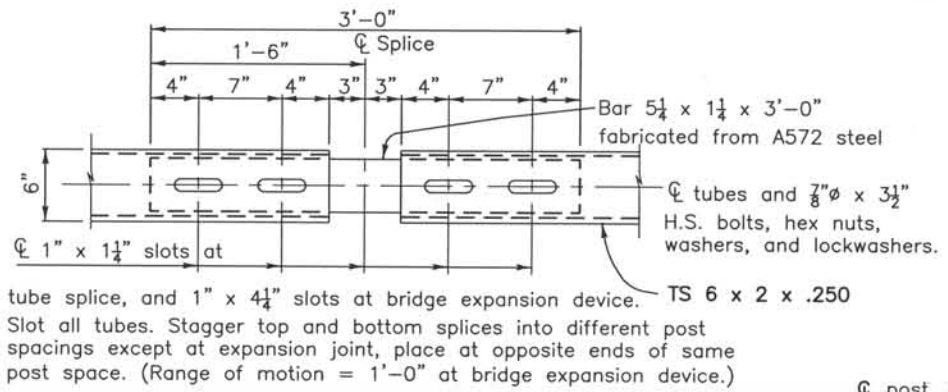
END DETAIL - BACKING TUBES



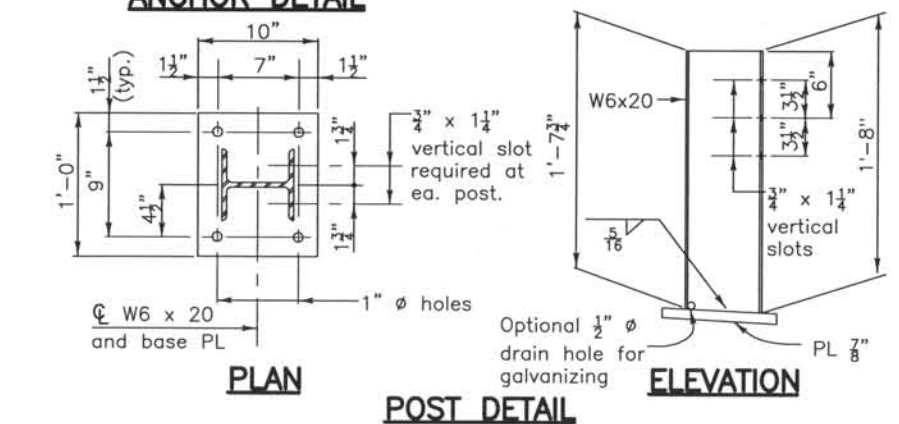
SECTION



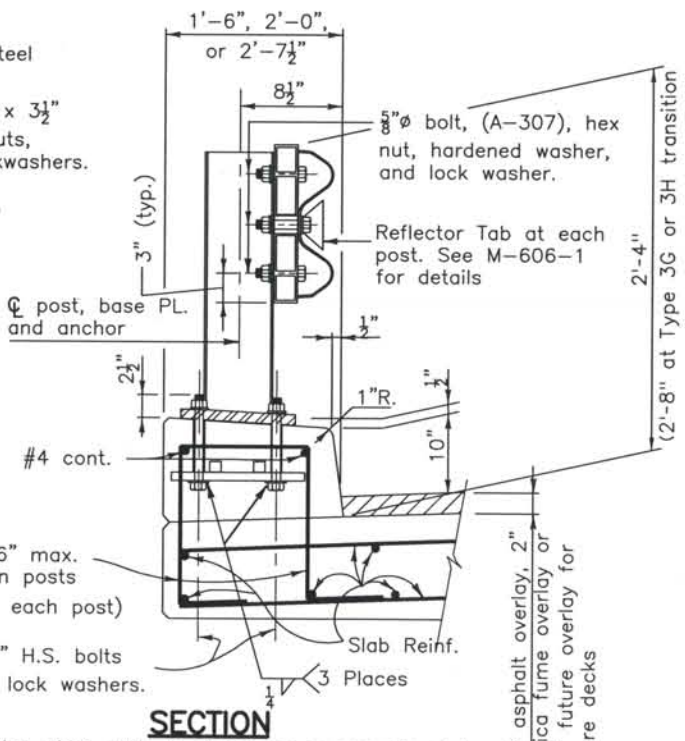
ANCHOR DETAIL



PLAN - TUBE SPICE



POST DETAIL



SECTION

Structural Steel:
AASHTO M-183(ASTM A-36) $f_y=36,000$ psi
AASHTO M-223(ASTM A-572) $f_y=50,000$ psi
Grade 50
Cold formed ASTM A-500 $f_y=46,000$ psi
Grade B

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

PROJECT STANDARD DRAWING
RETAINING WALL DETAILS
BRIDGE RAIL TYPE 3 SPECIAL

File Name	PSD-RW06.DGN
Structure Number	

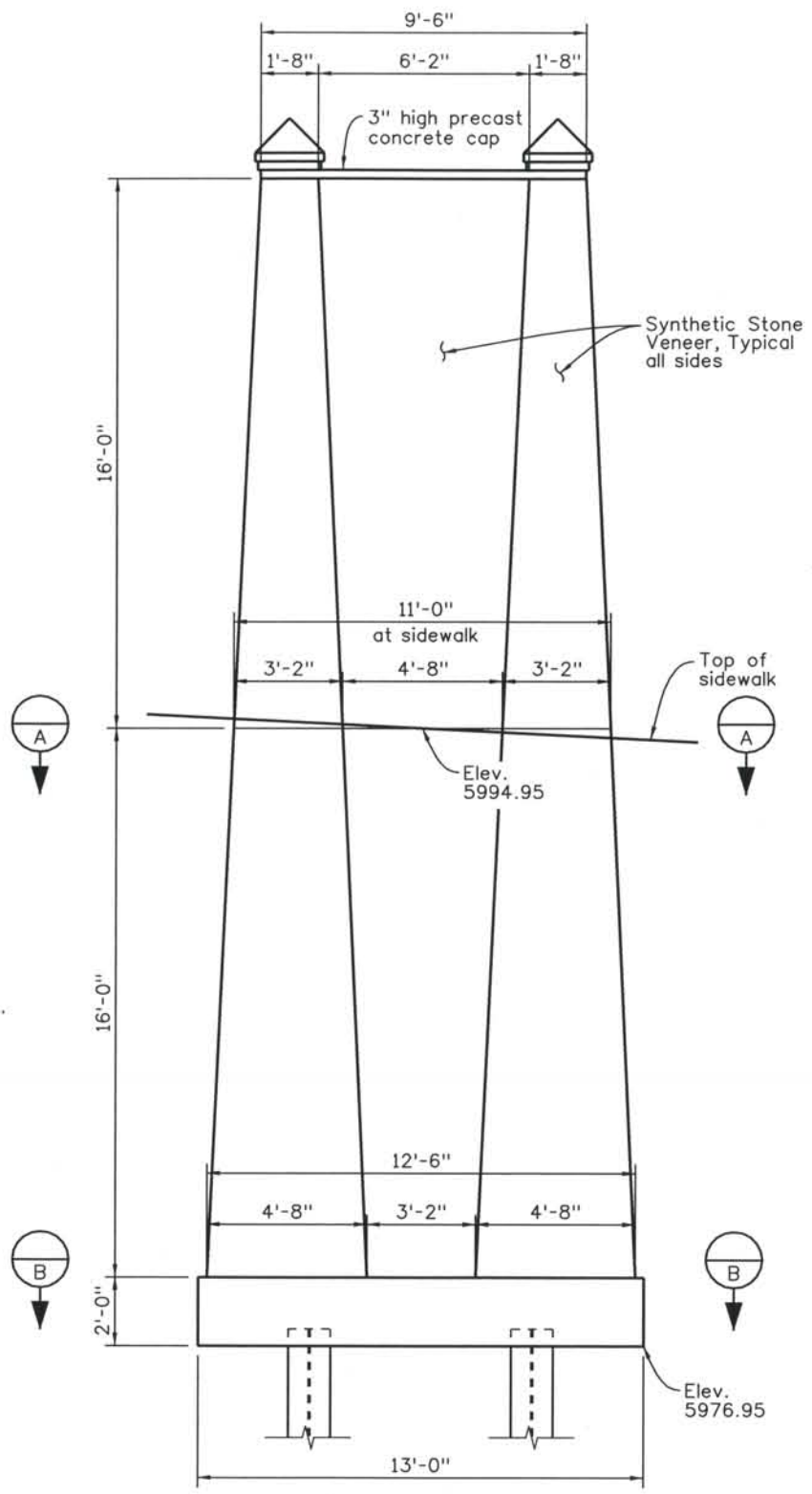
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	PSD-RWDT5
Structure Sheet No.	PSD-RW5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED FEBRUARY, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

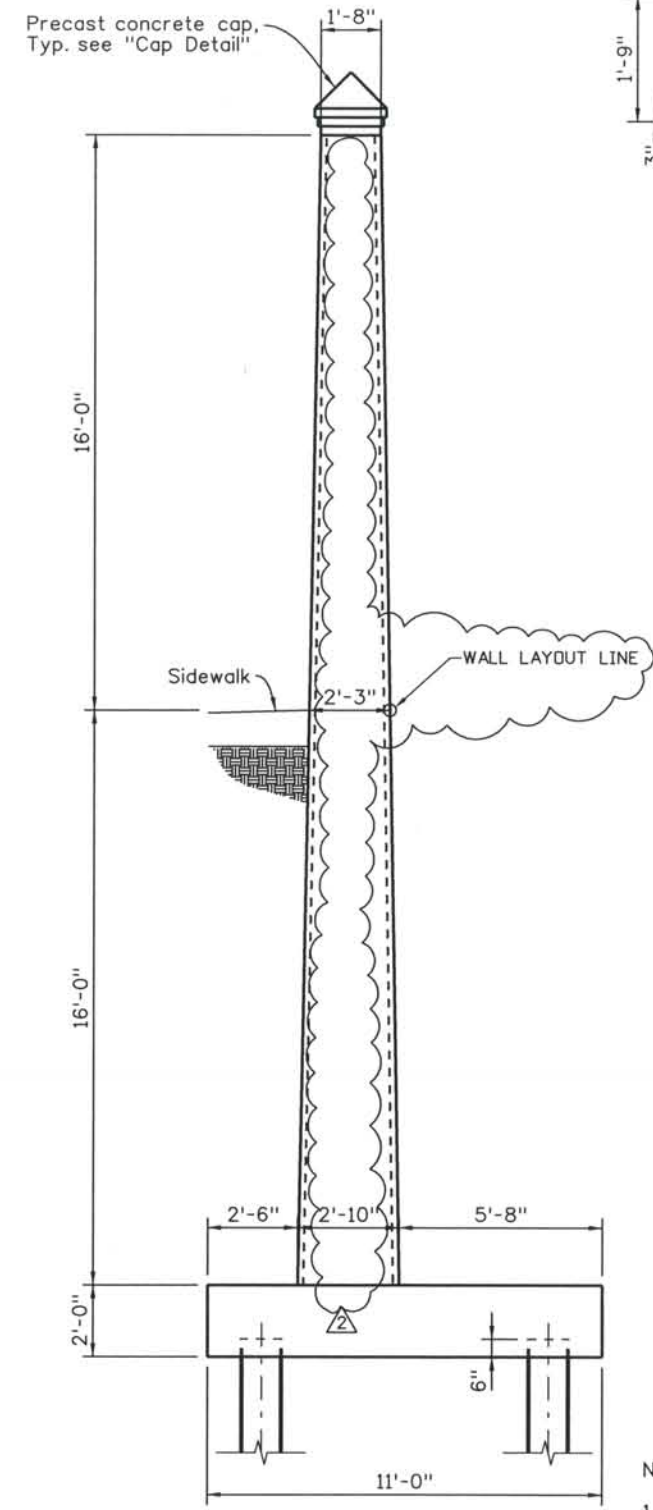
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



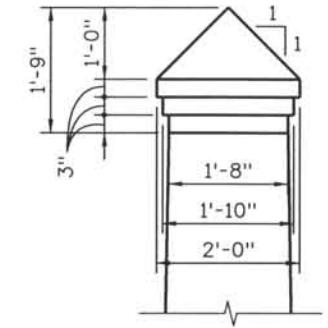
THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.



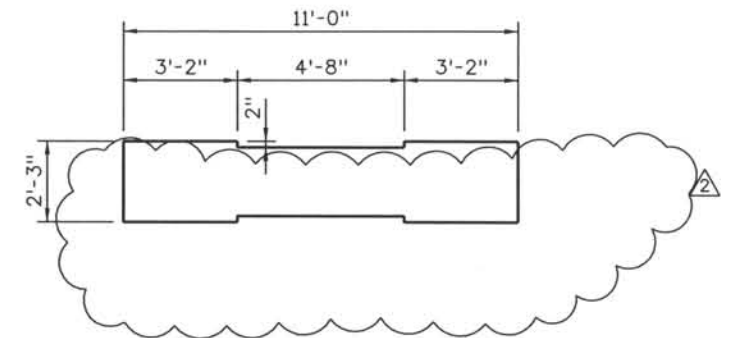
ELEVATION



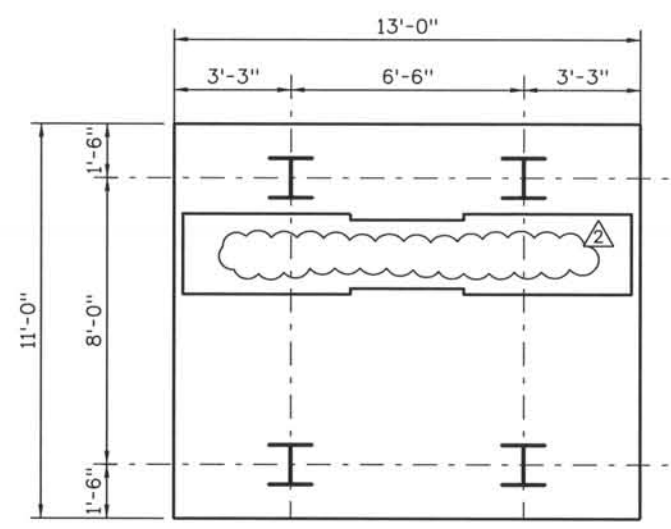
SIDE VIEW



CAP DETAIL



SECTION A



SECTION B

- NOTES:
1. For location of End Monument No. 1, see Retaining Wall Structure No. I-17-CR.
 2. Void form shall be secured to prevent movement during concrete placement.

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 10:37:24 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/16 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 PROJECT STANDARD DRAWING
 END MONUMENT NO. 1
 DIMENSIONS

File Name: DSI-STEM-MT101.DGN
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. PSD-RWEM6
 Structure Sheet No. PSD-RW6

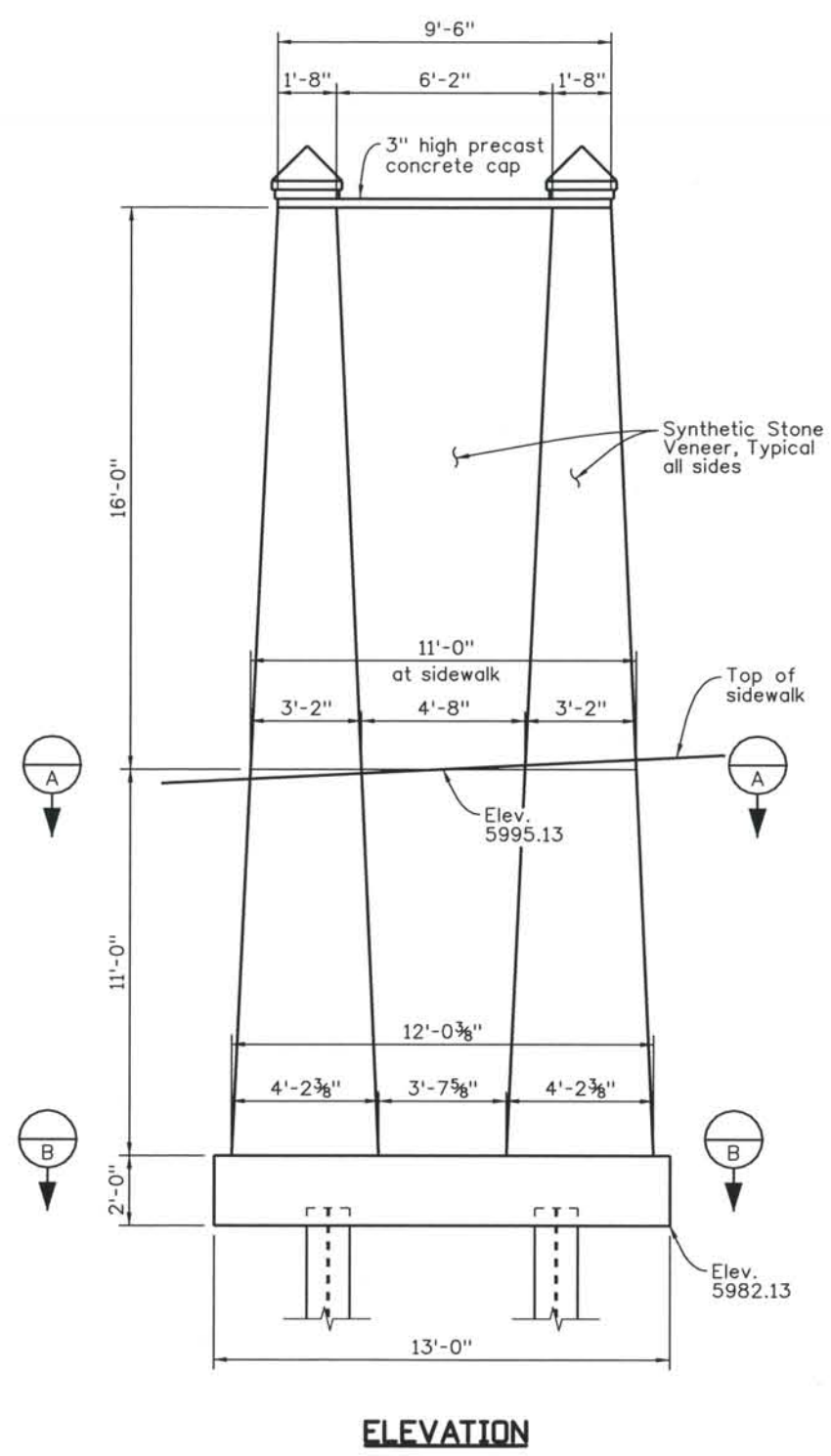
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

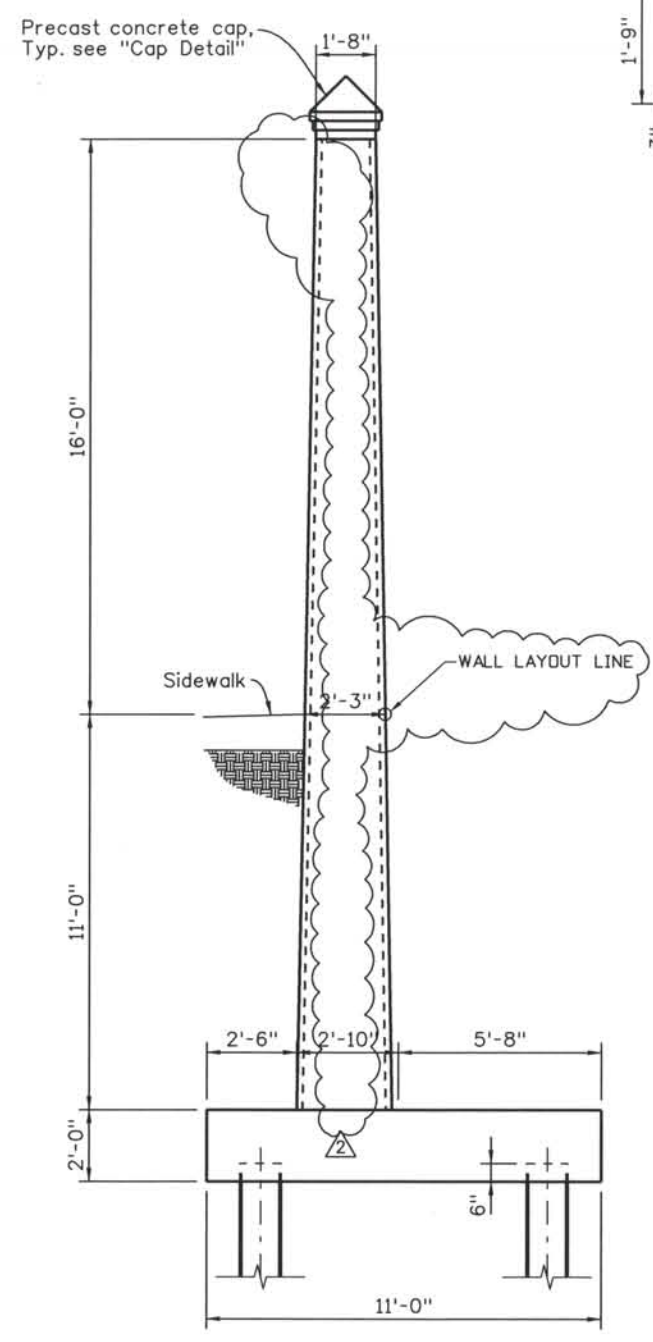


THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.

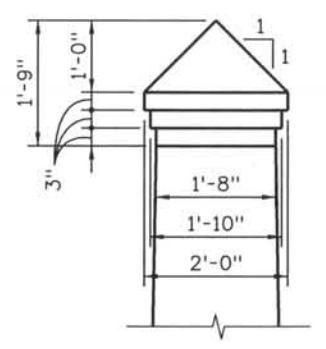
Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 10:37:27 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/16 at 11x17 Units: US Survey Foot



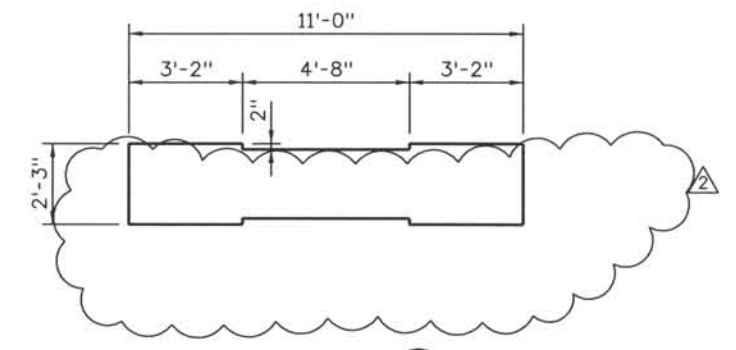
ELEVATION



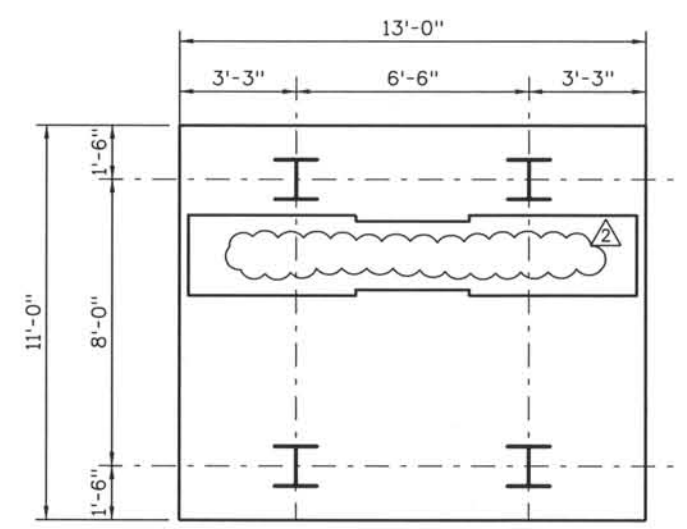
SIDE VIEW



CAP DETAIL



SECTION A



SECTION B

- NOTES:
1. For location of End Monument No. 1, see Retaining Wall Structure No. I-17-CR.
 2. Void form shall be secured to prevent movement during concrete placement.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



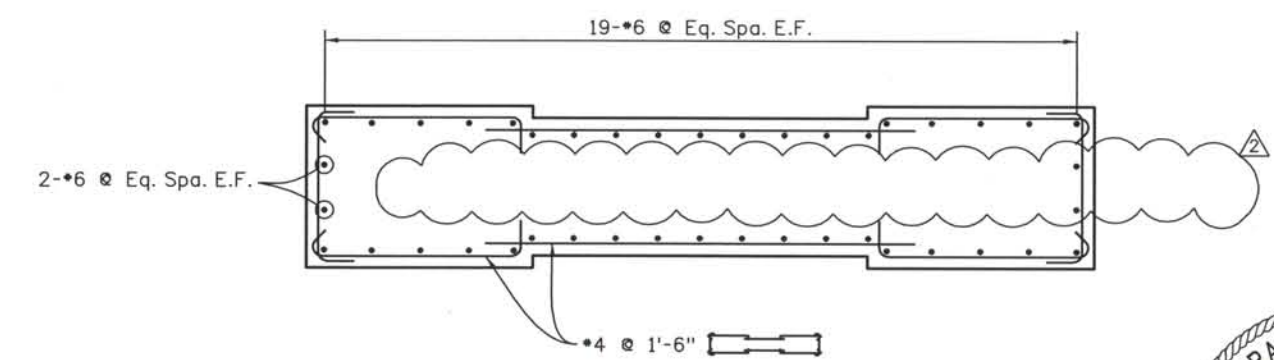
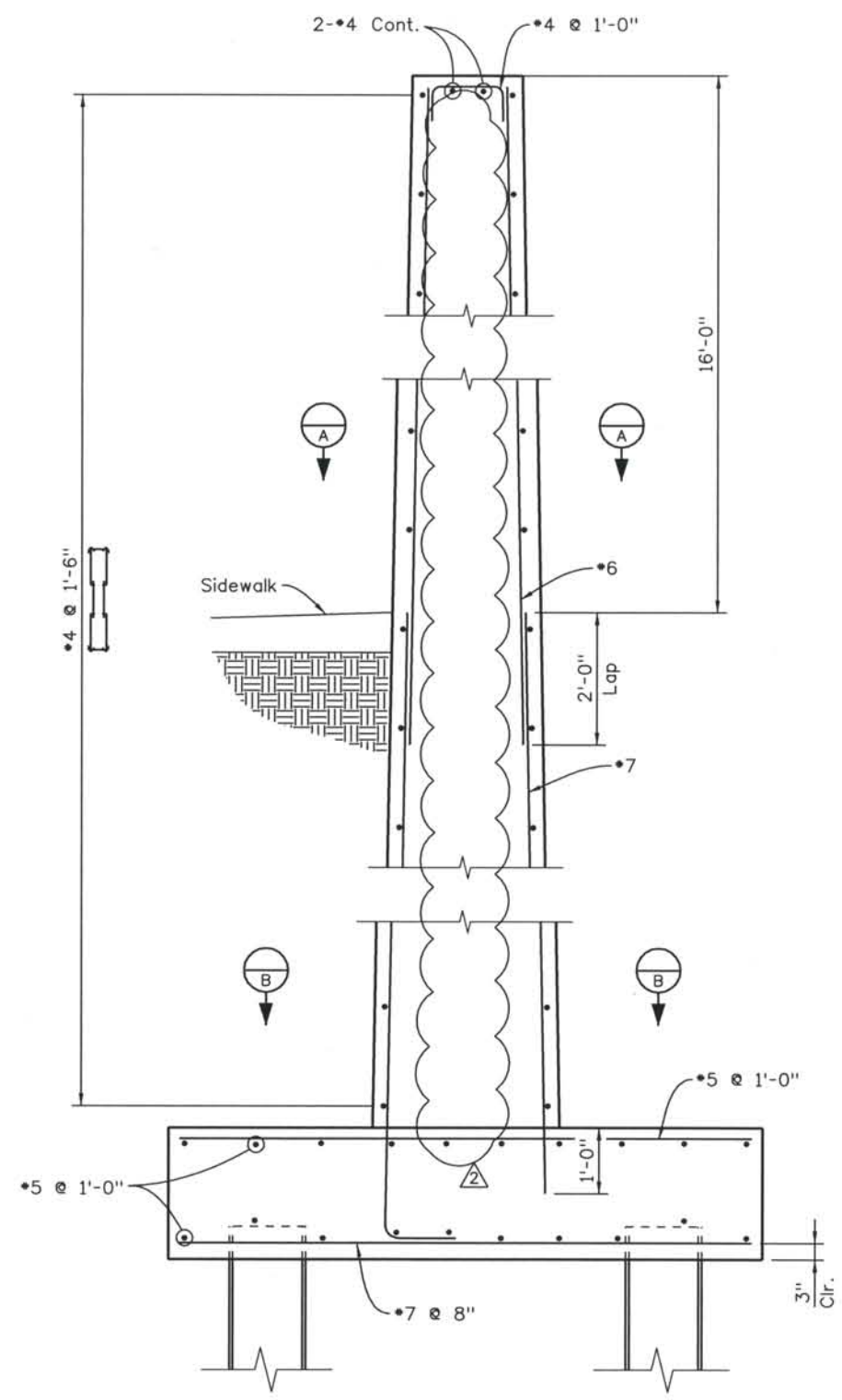
DESIGN SEGMENT 1
 PROJECT STANDARD DRAWING
 END MONUMENT NO. 2
 DIMENSIONS

File Name: DSI-STEM-MT201.DGN
 Structure Number:

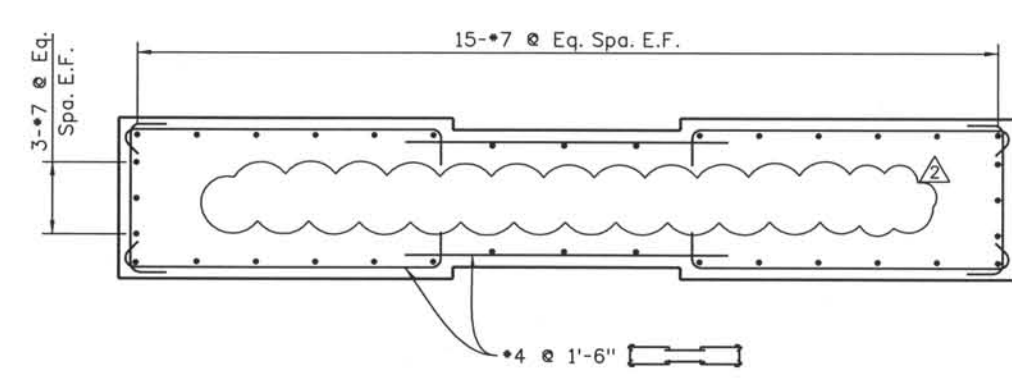
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. PSD-RWEM7
 Structure Sheet No. PSD-RW7

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



SECTION A



SECTION B



THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.

SECTION THROUGH MONUMENT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 10:37:30 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 PROJECT STANDARD DRAWING
 END MONUMENTS NO. 1 AND 2
 REINFORCING DETAILS

File Name: DSI-STEM-DT01.DGN
 Structure Number:

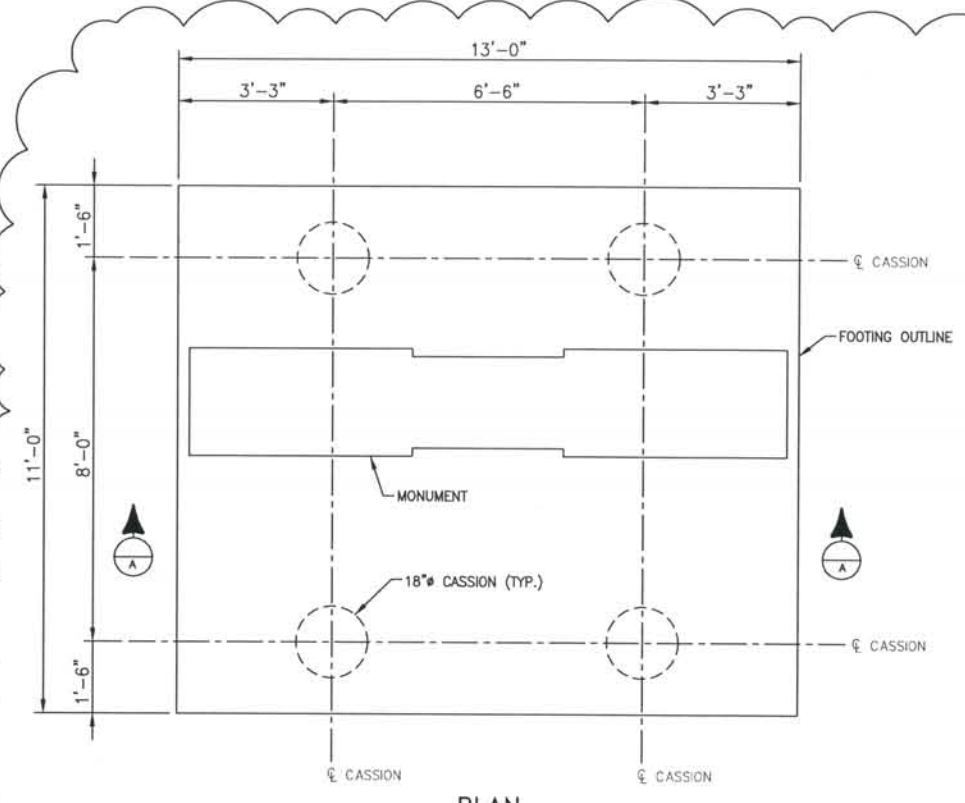
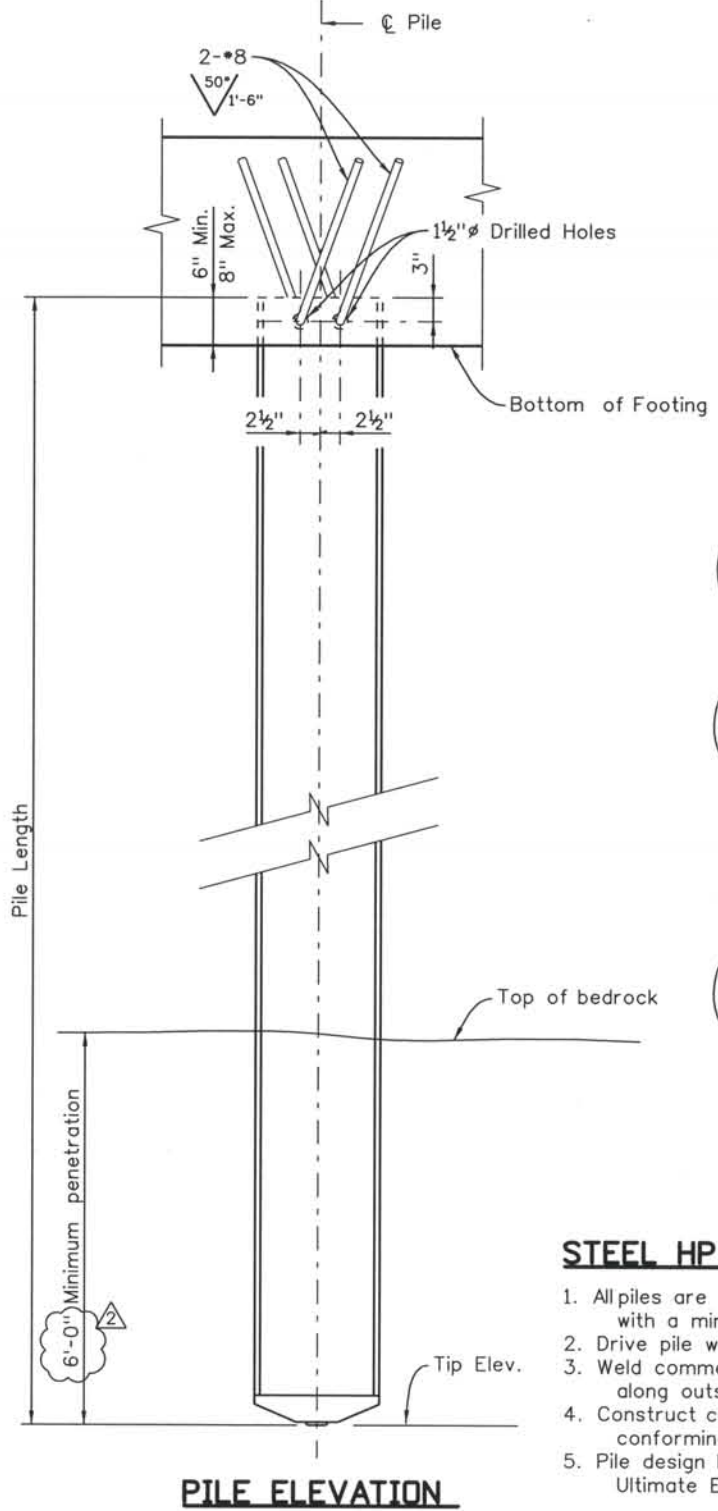
Project No./Code
 IM 0252-370
 S.A. 14740

Project Dwg. No. PSD-RWEM8
 Structure Sheet No. PSD-RW8

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

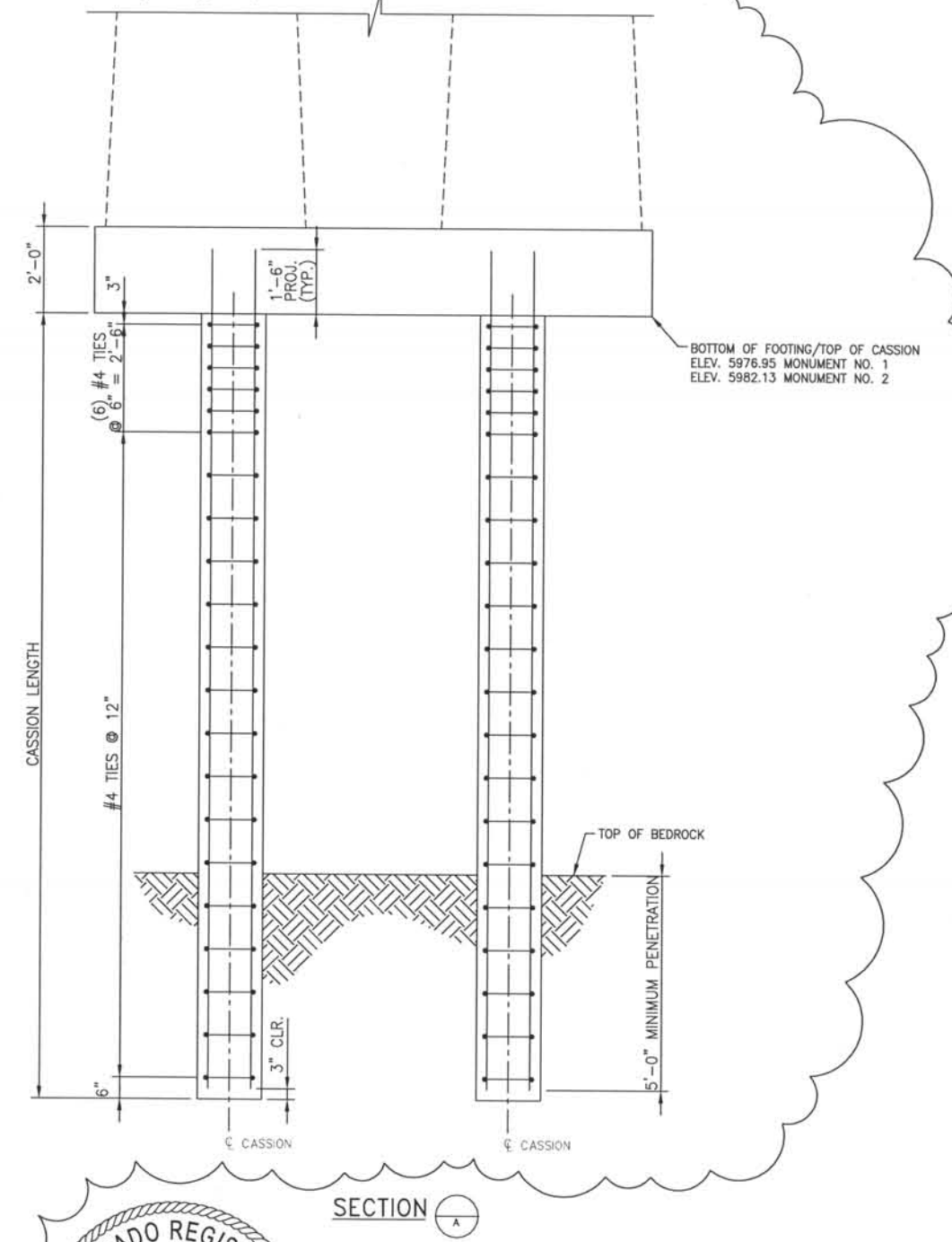
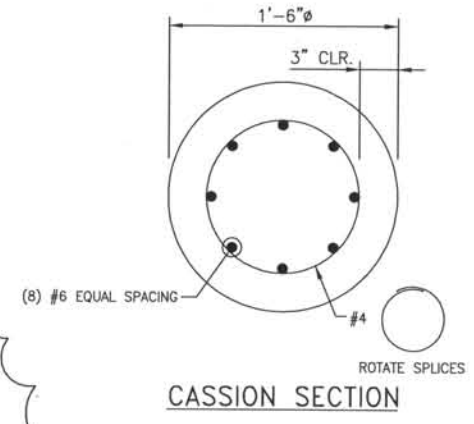
PILE DATA			
Location	Estimated Bedrock Elevation	Estimated Tip Elevation	Ultimate Design Load (kips)
Monuments 1 & 2	5965	5959	108



CAISSON DATA							
LOCATION	FACTORED DESIGN LOAD (kip)	ULTIMATE END BEARING CAPACITY Q_p (ksf)	END BEARING RESISTANCE FACTOR ϕ_p	TOP OF CAISSON ELEVATION	ESTIMATED BEDROCK ELEVATION	ESTIMATED TIP ELEVATION	MINIMUM PENETRATION INTO BEDROCK
MONUMENT NO. 1	106	170	0.5	5976.95	5964	5959	5'-0"
MONUMENT NO. 2	106	170	0.5	5982.13	5966	5961	5'-0"

- CAISSON NOTES**
- CAISSON CONCRETE SHALL BE CLASS BZ.
 - CAISSON REINFORCING SHALL EXTEND TO FULL DEPTH OF DRILLED HOLE.

- STEEL HP PILE NOTES:**
- All piles are HP 14x89 and shall conform to AASHTO M270 with a minimum yield strength of 50 ksi.
 - Drive pile with an APE D30-32 diesel hammer.
 - Weld commercial pile tip to all piling with a $\frac{5}{16}$ " single groove weld along outside of pile flanges.
 - Construct commercial pile tip with one-piece of cast steel conforming to ASTM A148 80/50 - Heat Treated (Min.).
 - Pile design based on:
Ultimate End Bearing: 375 kips $\phi = 0.65$



THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

Computer File Information
 Date Plotted: 09/15/2008
 Time Plotted: 6:15:40 PM
 Plotted By: mlamutt
 CAD Ver.: MicroStation V8 2004
 Scale: 2 at 11x17
 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



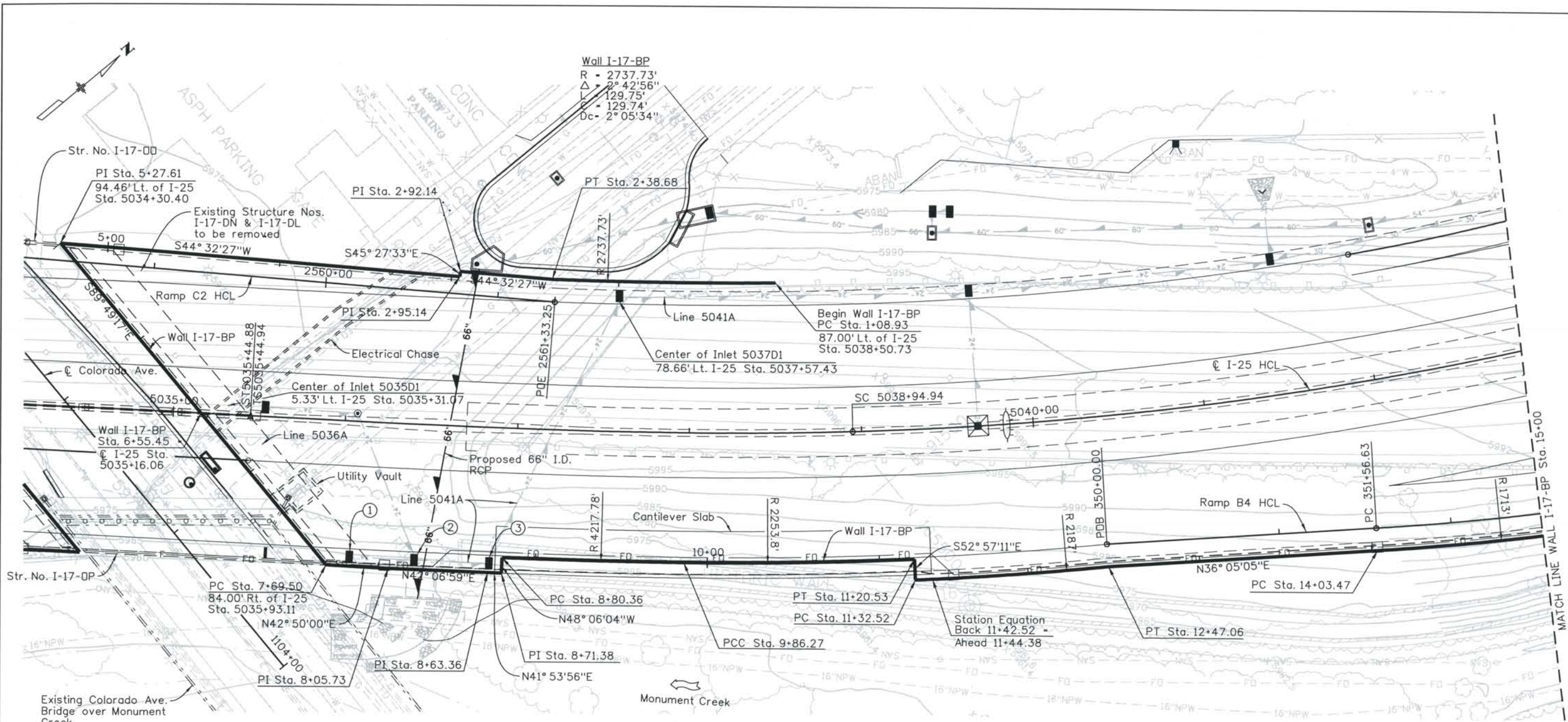
DESIGN SEGMENT 1
 PROJECT STANDARD DRAWING
 END MONUMENTS NO. 1 AND 2
 DRIVEN PILE DETAILS

File Name	DSI-STEM-DT02.DGN
Structure Number	
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	PSD-RWEM9
Structure Sheet No.	PSD-RW9

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 10:55:24 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 60' at 11x17
 Units: US Survey Foot



PLAN
 SPLASH ZONE: NONE

- ① Center of Inlet 5036D1
78.65' Rt. I-25 Sta. 5036+06.23
- ② Center of Inlet 5036D2
78.65' Rt. I-25 Sta. 5036+43.65
- ③ Center of Inlet 5036D3
78.65' Rt. I-25 Sta. 5036+86.52

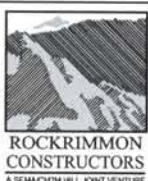
Wall I-17-BP
 R = 4217.78'
 Δ = 1° 26' 19"
 L = 105.91'
 C = 105.91'
 Dc = 1° 21' 30"

Wall I-17-BP
 R = 2253.80'
 Δ = 3° 24' 47"
 L = 134.26'
 C = 134.24'
 Dc = 2° 32' 32"

Wall I-17-BP
 R = 2187.00'
 Δ = 2° 57' 07"
 L = 112.68'
 C = 112.66'
 Dc = 2° 37' 11"

Wall I-17-BP
 R = 1713.00'
 Δ = 30° 04' 49"
 L = 899.33'
 C = 889.03'
 Dc = 3° 20' 41"

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	DRAINAGE REVISION	11/15/06
3	AS-BUILT PLANS SUBMITTAL	08/15/08



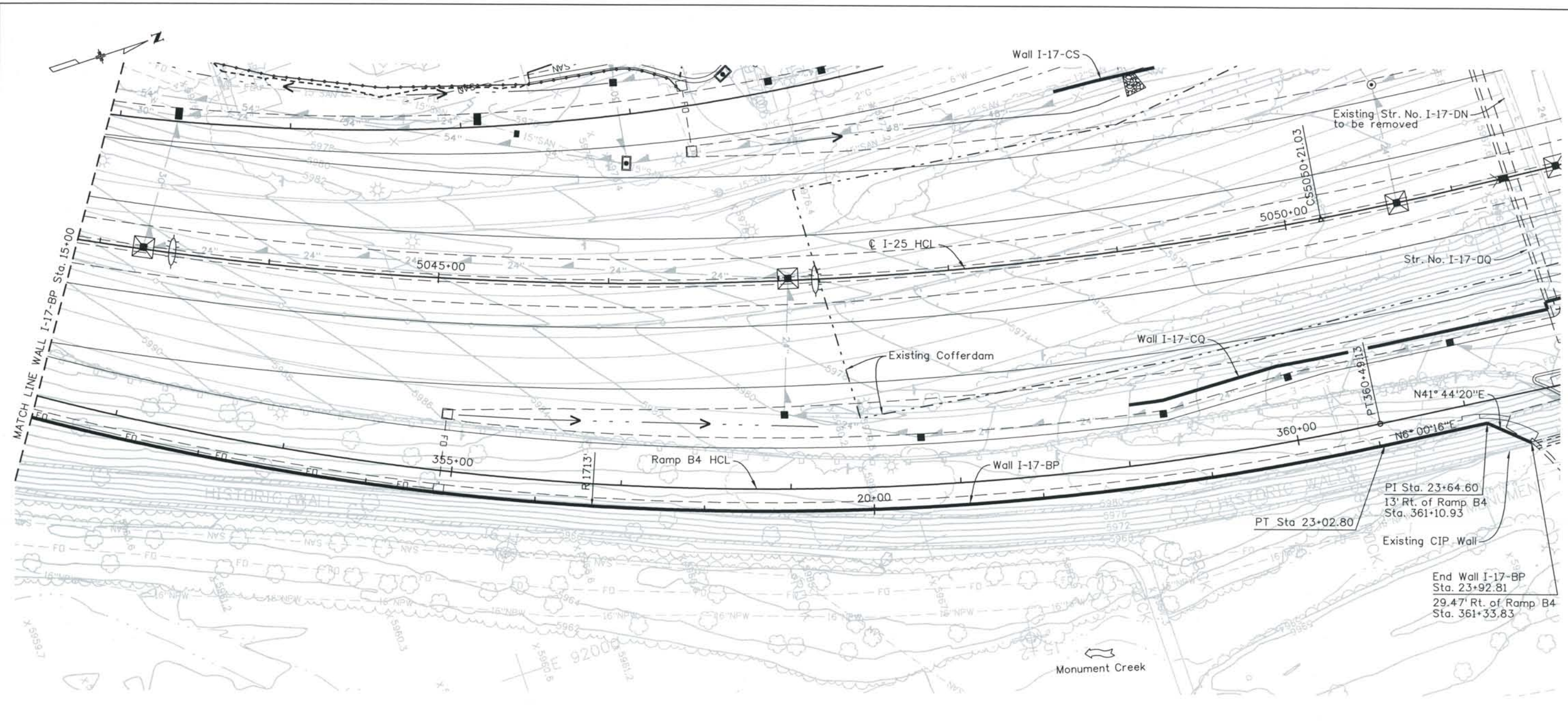
DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-BP
 PLAN
 1 OF 2

File Name: DS1-RWGP-BP01.DGN
 Structure Number: WALL I-17-BP

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBP1
 Structure Sheet No.: RWBP1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN

SPLASH ZONE: NONE

Wall I-17-BP
 R = 1713.00'
 $\Delta = 30^\circ 04'49''$
 L = 899.33'
 C = 889.03'
 Dc = $3^\circ 20'41''$

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 10:55:30 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 60 at 11x17
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



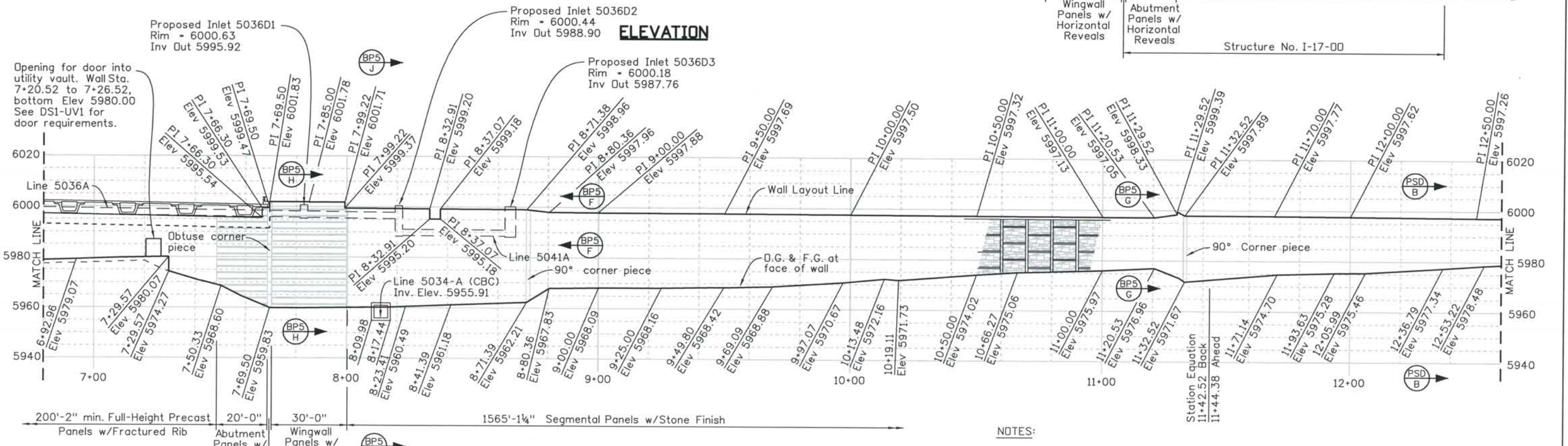
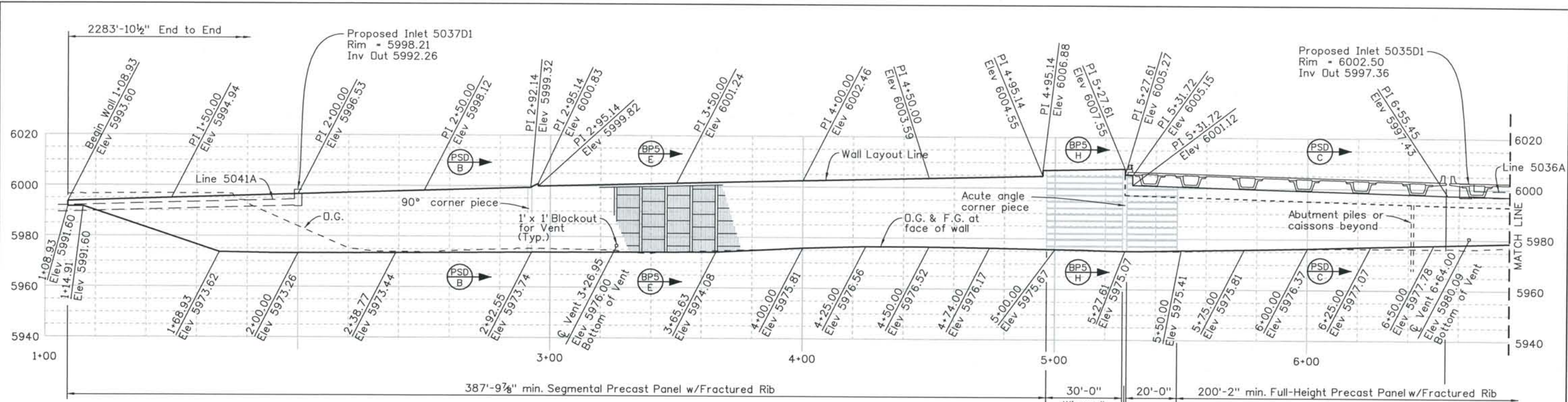
DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-BP
 PLAN
 2 OF 2

File Name: DS1-RWGP-BP02.DGN
 Structure Number: WALL I-17-BP

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBP2
 Structure Sheet No.: RWBP2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



- NOTES:**
1. Elevations shown are to Wall Layout Line unless otherwise indicated.
 2. See bridge abutment details for dimensions and elevations around abutments, and PSD-RW1, PSD-RW2, PSD-RW3, PSD-RW4 & PSD-RW5 sheets for additional details.
 3. See Project Architectural Standards for details of all architectural features shown.

Computer File Information
Date Plotted: 9/4/2008
Time Plotted: 11:14:58 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Bridge
Scale: 40 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

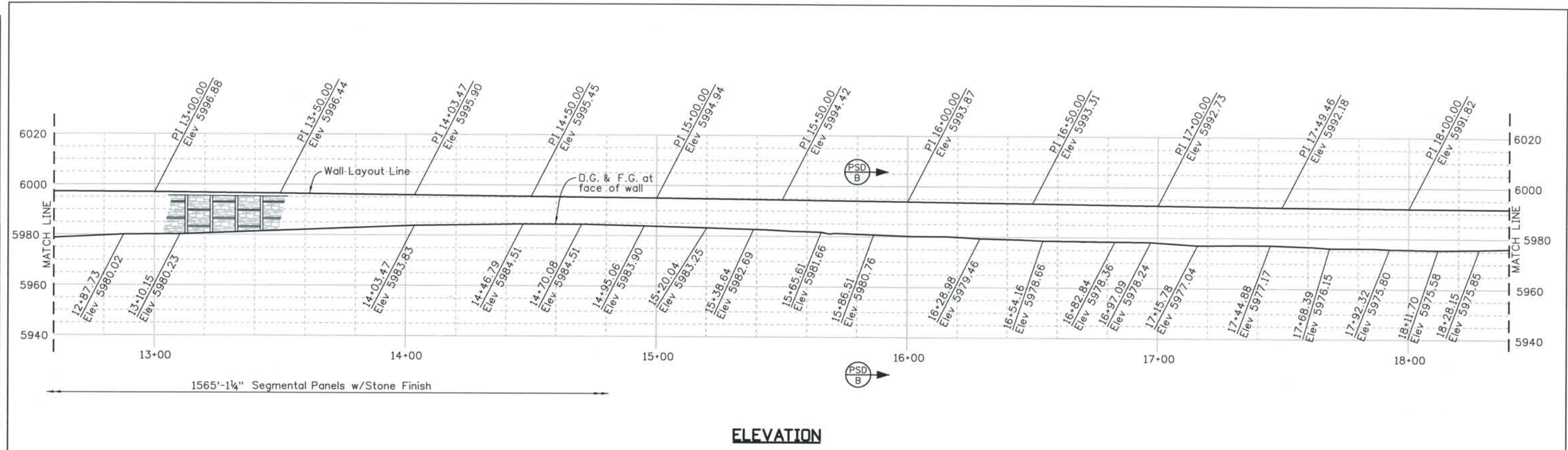


DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BP
ELEVATION
1 OF 2

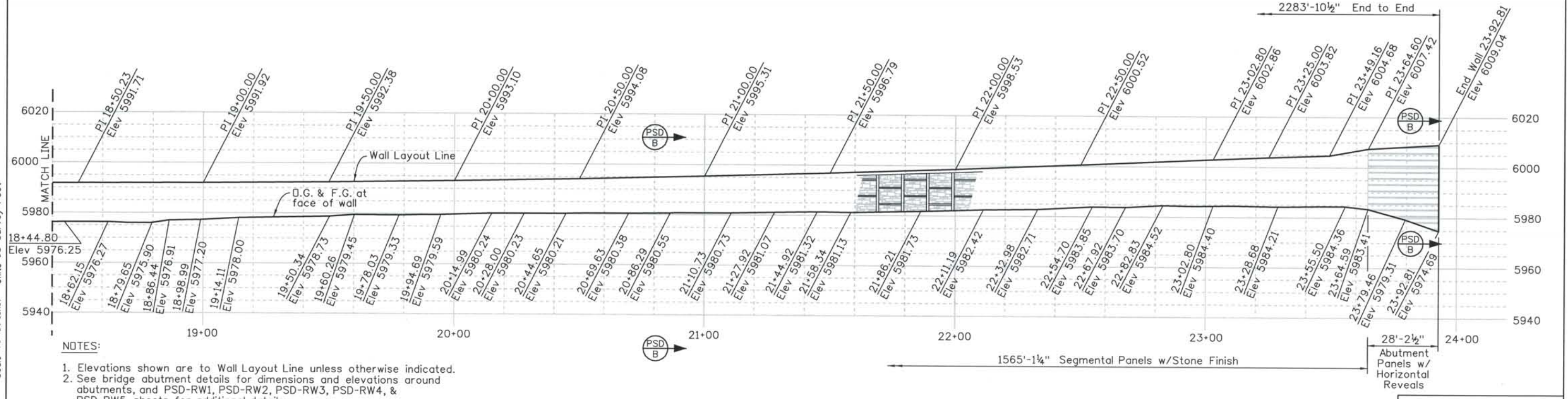
File Name DS1-RWGP-BP03.DGN	Project No./Code IM 0252-370 S.A. 14740
Structure Number WALL I-17-BP	Project Dwg. No. DS1-RWBP3
	Structure Sheet No. RWBP3

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ELEVATION



ELEVATION

- NOTES:**
- Elevations shown are to Wall Layout Line unless otherwise indicated.
 - See bridge abutment details for dimensions and elevations around abutments, and PSD-RW1, PSD-RW2, PSD-RW3, PSD-RW4, & PSD-RW5 sheets for additional details.
 - See Project Architectural Standards for details of all architectural features shown.
 - See DS1-R035 for details of transition from Sta. 23+64.60 to Sta. 23+92.81.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BP
ELEVATION
2 OF 2

File Name: DS1-RWGP-BP04.DGN
 Structure Number: WALL I-17-BP

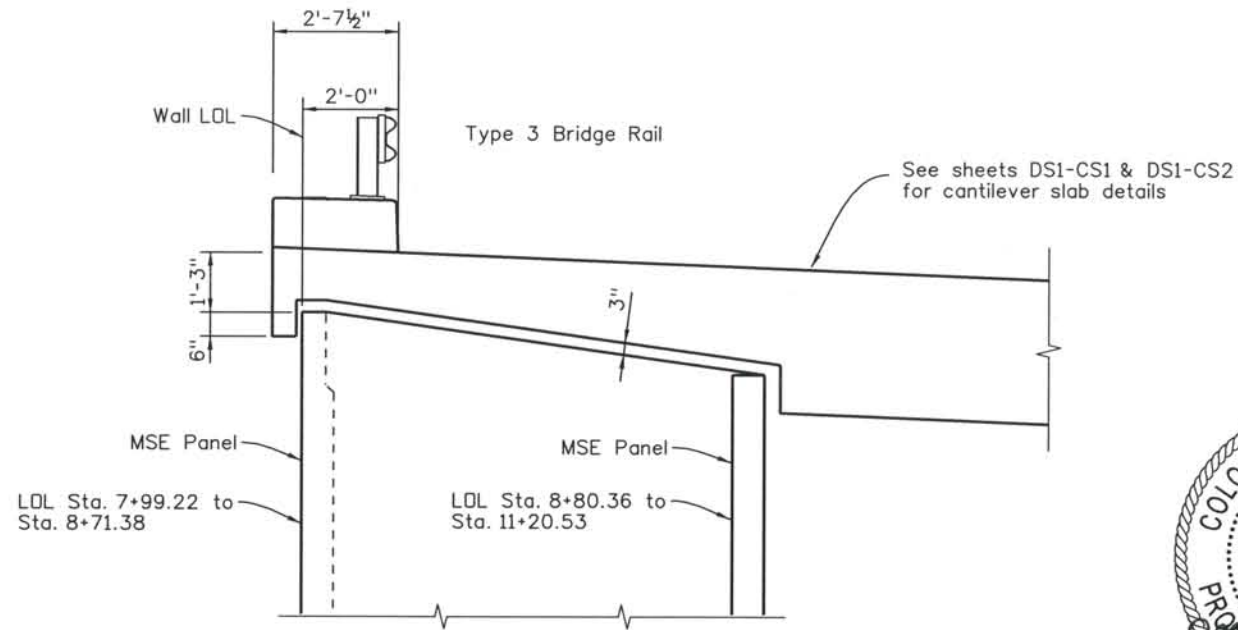
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBP4
 Structure Sheet No.: RWBP4

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

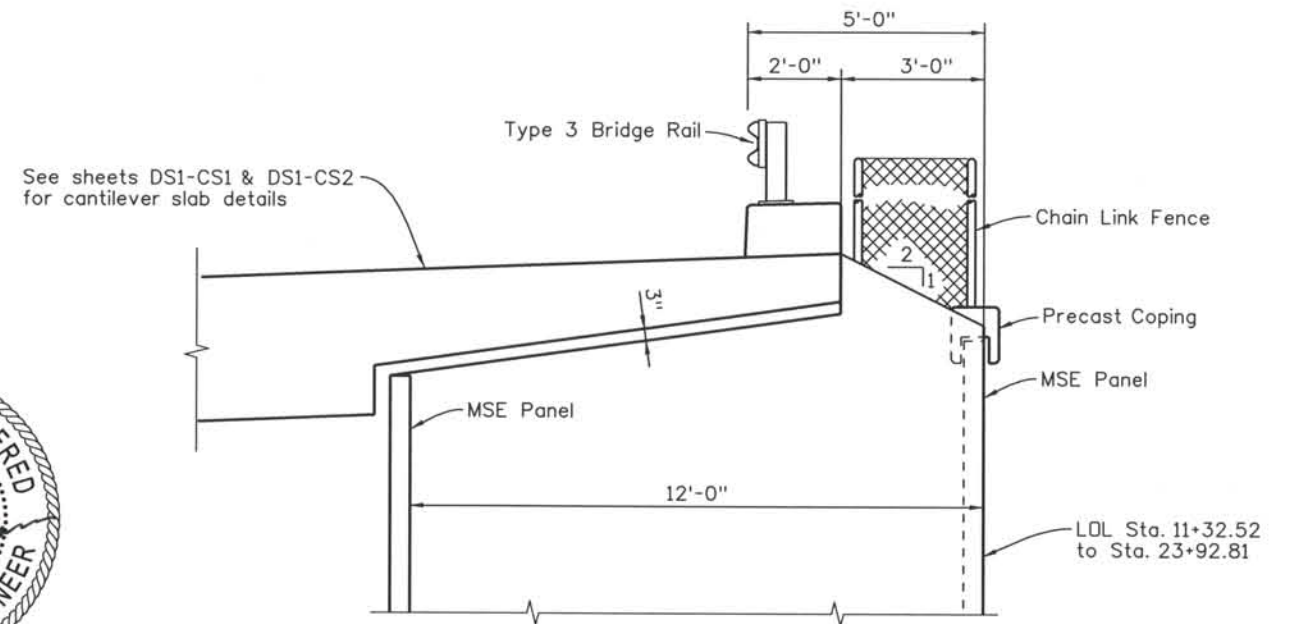
Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:15:02 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 40 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



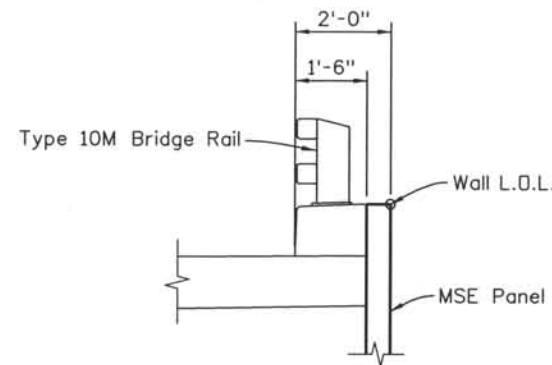
SECTION BP3 F



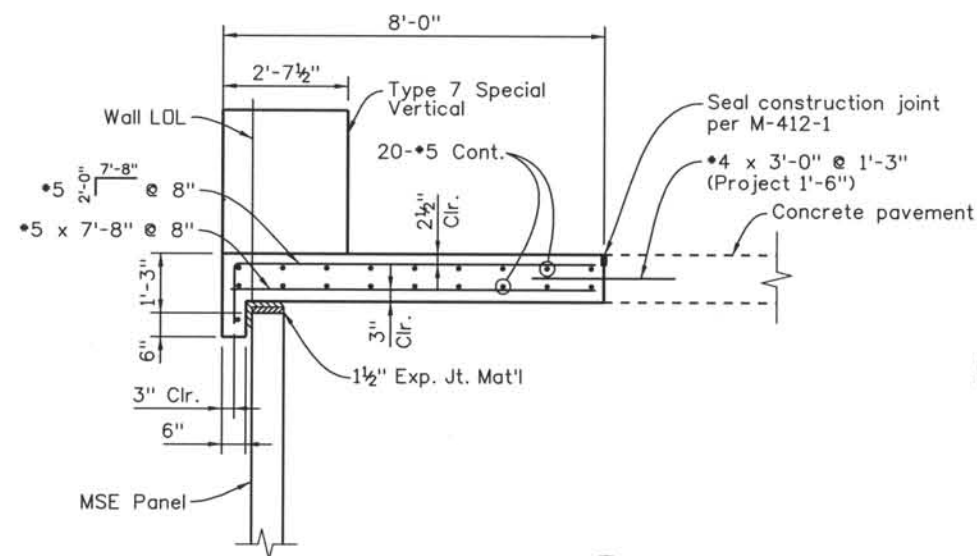
SECTION BP3 G



THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.

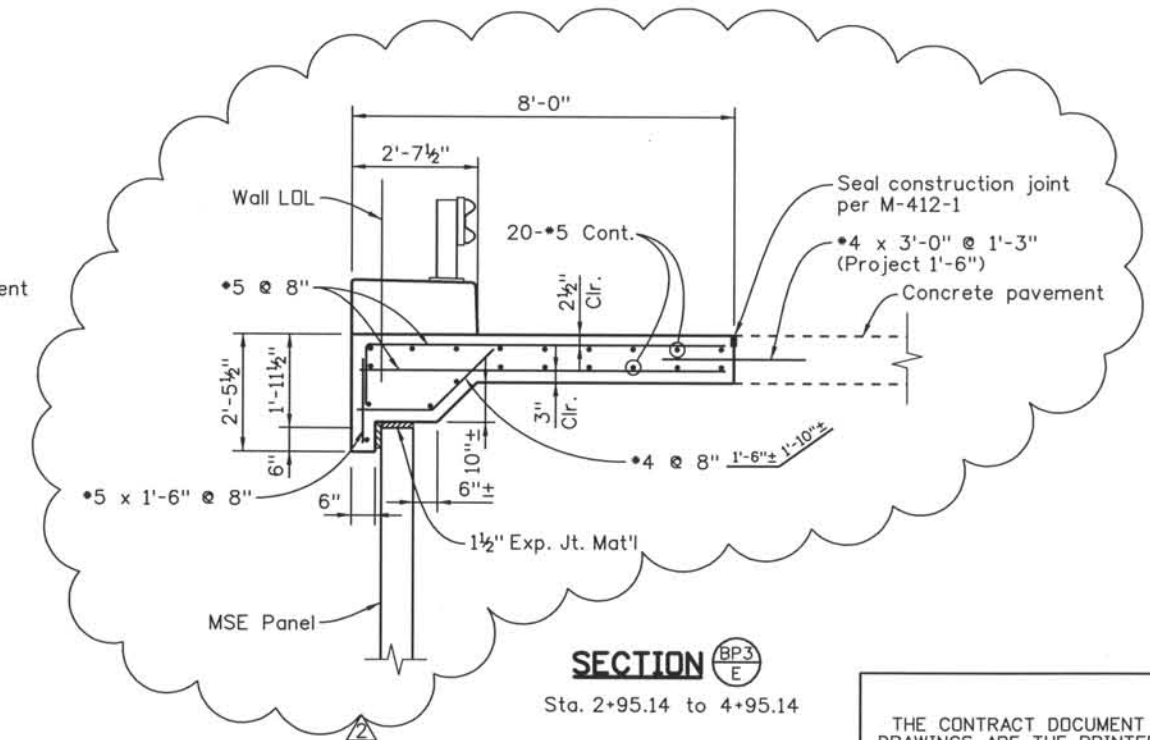


SECTION BP3 H



SECTION BP3 J

Sta. 7+99.22 to 8+67.38



SECTION BP3 E

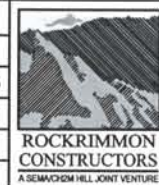
Sta. 2+95.14 to 4+95.14

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 10:37:36 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Units: US Survey Foot
 Scale: 1 at 11x17

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

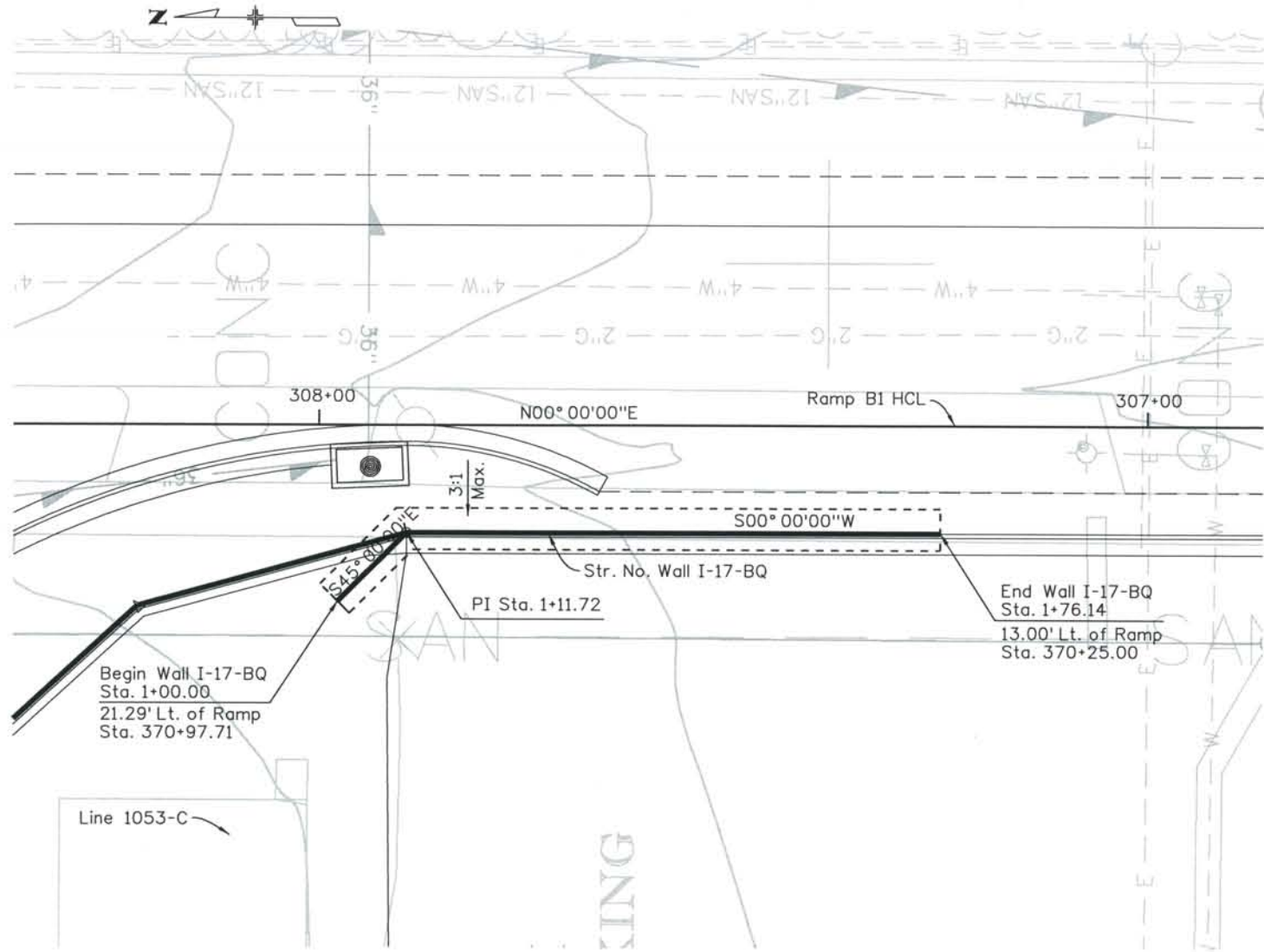


DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BP
DETAILS

File Name: DS1-RWGP-BP05.DGN
 Structure Number: WALL I-17-BP

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBP5
 Structure Sheet No.: RWBP5

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN
SPLASH ZONE: NONE

GENERAL NOTES

- All concrete shall be Class D (Wall)
- All construction joints shall be thoroughly cleaned before fresh concrete is poured.
- All construction joints not shown on the Plans shall be approved by the Engineer.
- The Contractor is responsible for the stability of the structure during construction.
- Structure Excavation and Backfill, including over-excavation shall be according to the Geotechnical Report and Section 206 of the CDOT Standard Specification for Road and Bridge Construction.
- Grade 60 reinforcing steel is required.
- All reinforcing shall be epoxy coated. The following table gives the Class B lap splice length for epoxy coated reinforcing bars placed in accordance with subsection 602.06. These splice lengths shall be increased by 25% for bars spaced at less than 6" on center.

BAR SIZE:	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH:	1'-7"	2'-0"	2'-5"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

The above splice lengths shall be increased by 20% for 3 bar bundles and 33% for 4 bar bundles.

The above splice lengths may be reduced by 20% when 3" of clear cover exists and bar spacing is 6" or greater on center.

All splices shall be staggered unless shown otherwise.

- The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 1-800-922-1987 at least 2 days (not including the day of notification) prior to any excavation or other earthwork.
- All exposed concrete corners shall be chamfered 3/4".
- A colored structural concrete coating finish is required to one foot below finished grade. The color shall be equivalent to Federal Standard 595B Color No. 30313 (Beige).
- Expansion Joint Material shall meet AASHTO Specification M 213.

DESIGN DATA

AASHTO 3rd Edition LRFD, 2004.

Design Method: Load and Resistance Factor Design.

REINFORCED CONCRETE:

CLASS D CONCRETE: $f'_c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

See Geotechnical Report for Soil Parameters.

Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 11:15:14 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



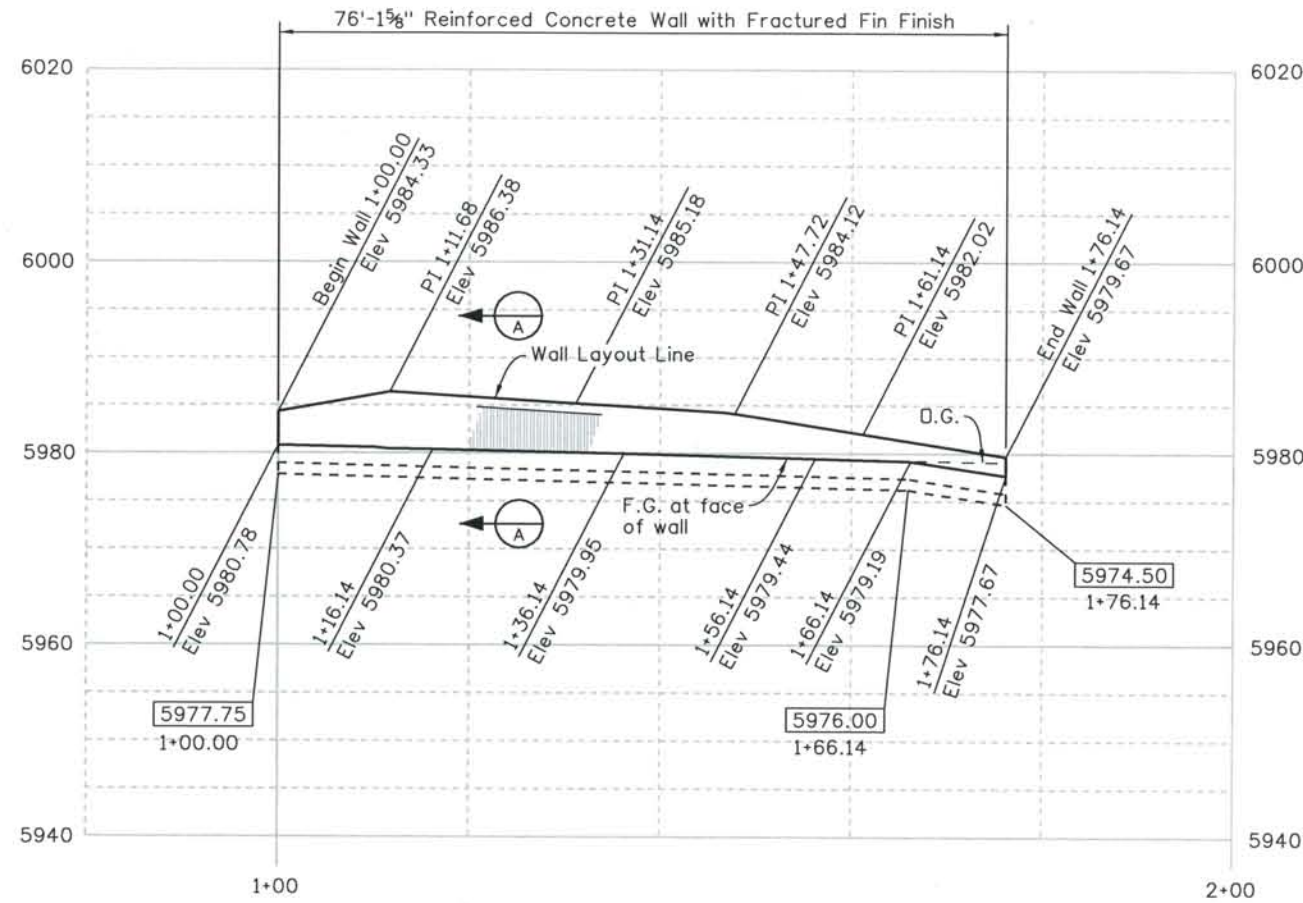
DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BQ
PLAN

File Name	DS1-RWGP-B001.DGN
Structure Number	WALL I-17-BQ

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-RWBQ1
Structure Sheet No.	RWBQ1

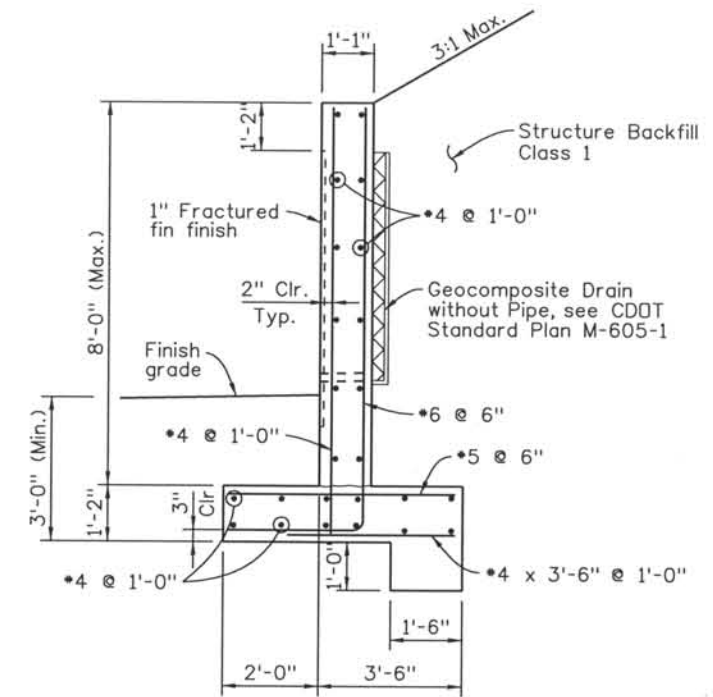
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 AVA DORN
 COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Indicates Bottom of Footing Elevation
 PI Station

ELEVATION

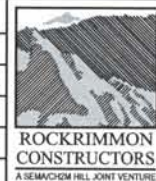


SECTION A-A

Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 11:15:17 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17
 Units: US Survey Foot

ISSUE RECORD			
Designed By:	ND.	DESCRIPTION	DATE
A.D.	A	90% DESIGN SUBMITTAL	04/24/06
Detailed By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
J.B.R.	2	AS-BUILT PLANS SUBMITTAL	08/15/08
Checked By:			
AL.			



DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BQ
ELEVATION

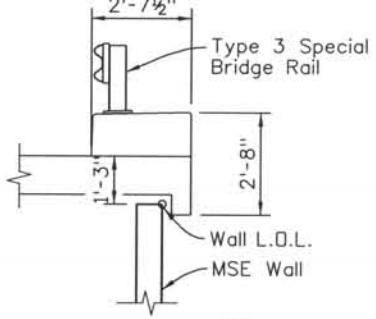
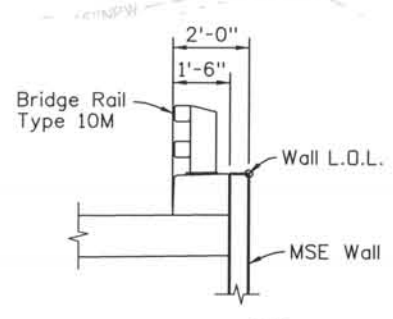
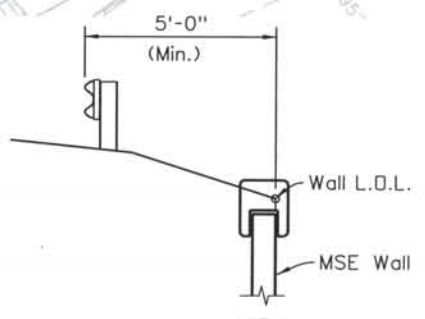
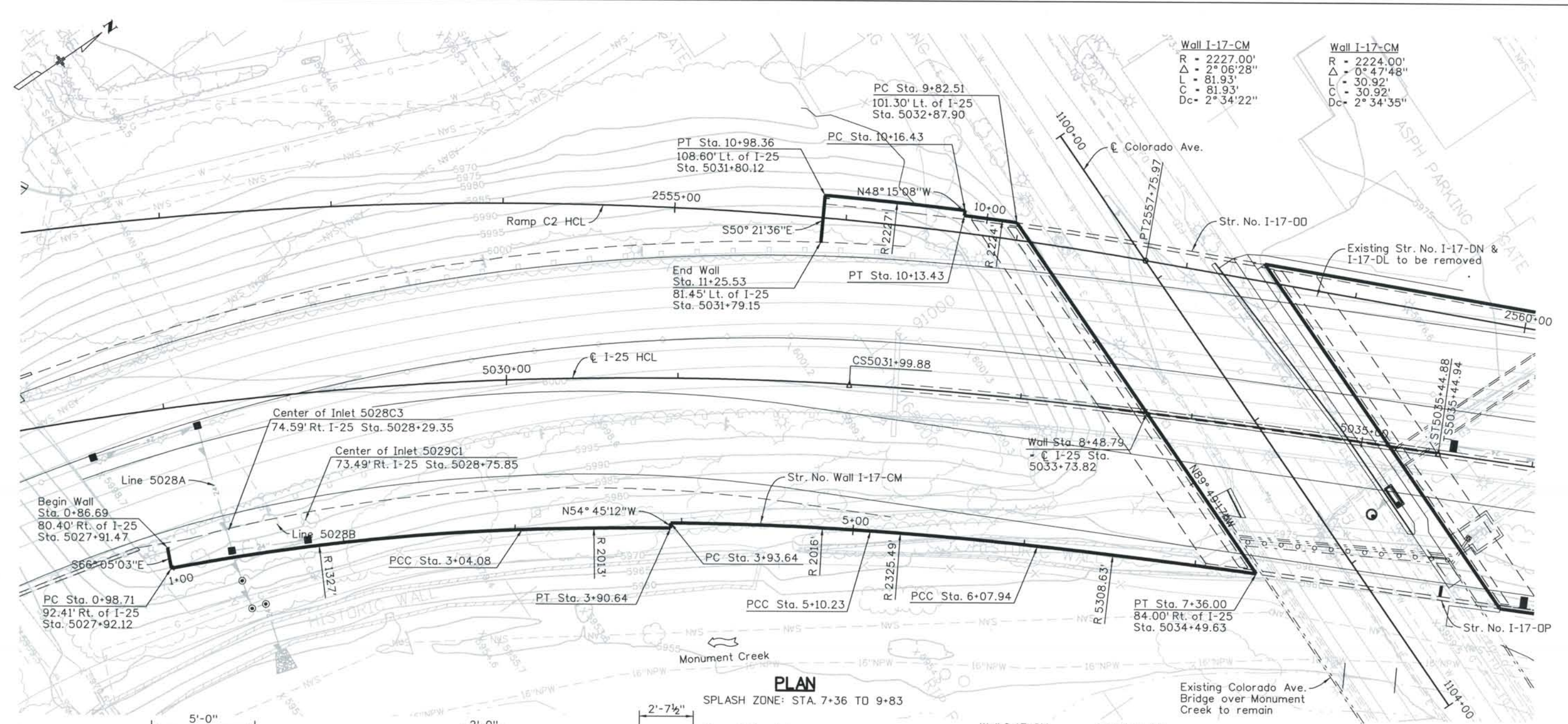
File Name	DS1-RWGP-BQ02.DGN	Project No./Code	IM 0252-370 S.A. 14740
Structure Number	WALL I-17-BQ	Project Dwg. No.	DS1-RWBQ2
		Structure Sheet No.	RWBQ2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
Date Plotted: 9/10/2008
Time Plotted: 11:06:25 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Walls
Scale: 60 at 11x17 Units: US Survey Foot



Wall I-17-CM R = 1327.00' Δ = 8° 52' 02" L = 205.37' C = 205.16' Dc = 4° 19' 04"	Wall I-17-CM R = 2013.00' Δ = 2° 27' 50" L = 86.56' C = 86.56' Dc = 2° 50' 47"	Wall I-17-CM R = 2016.00' Δ = 3° 18' 49" L = 116.59' C = 116.57' Dc = 2° 50' 31"	Wall I-17-CM R = 2325.49' Δ = 1° 22' 56" L = 97.71' C = 97.71' Dc = 2° 27' 50"	Wall I-17-CM R = 5308.63' Δ = 1° 04' 45" L = 128.06' C = 128.06' Dc = 1° 04' 45"
--	--	--	--	--

Designed By:	ISSUE RECORD		
Engineering	NO.	DESCRIPTION	DATE
Detailed By:	A	90% DESIGN SUBMITTAL	04/24/06
J.B.R.	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
Checked By:	2	AS-BUILT PLANS SUBMITTAL	08/15/08
R.C.A.			

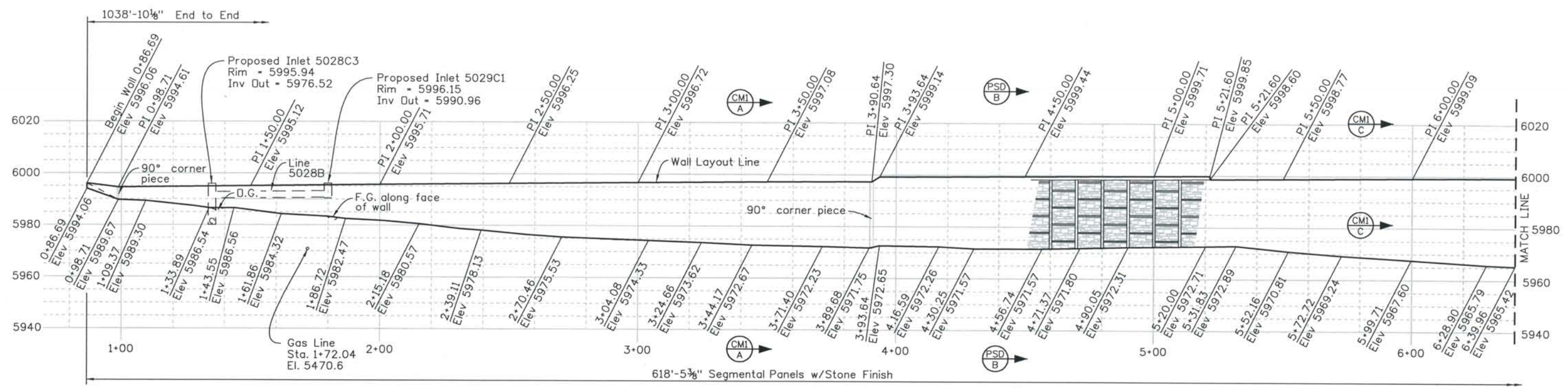


DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CM LAYOUT

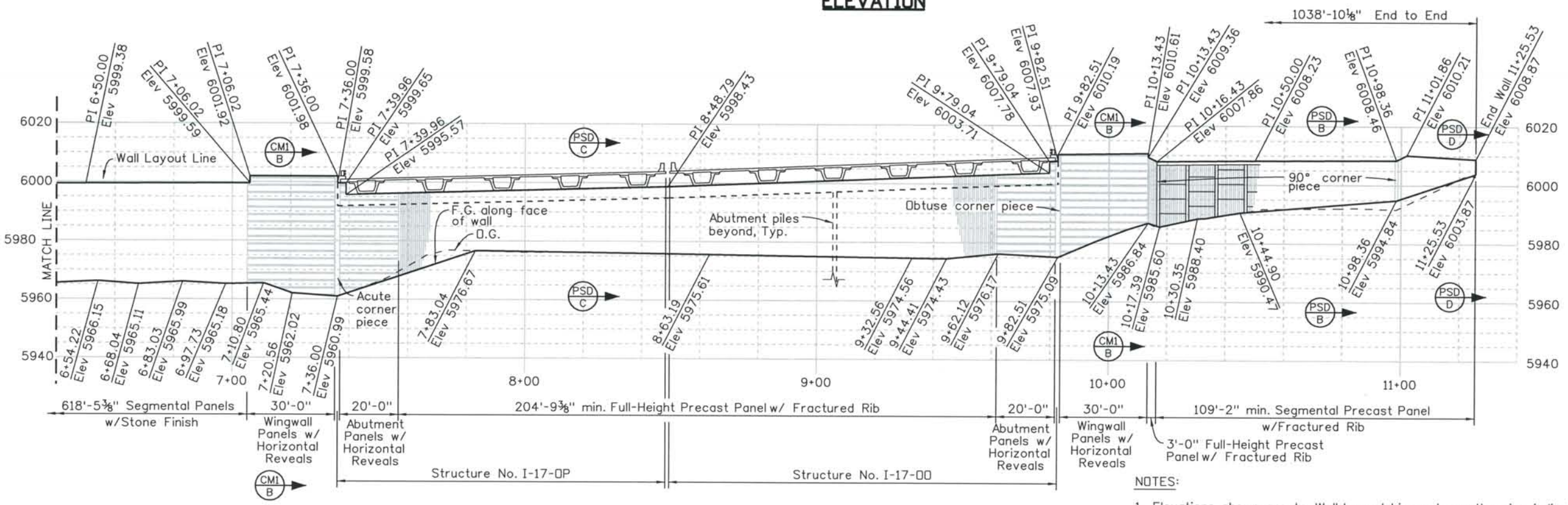
File Name	DS1-RWGP-CM01.DGN
Structure Number	WALL I-17-CM
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-RWCM1
Structure Sheet No.	RWCM1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ELEVATION



ELEVATION

- NOTES:
1. Elevations shown are to Wall Layout Line unless otherwise indicated.
 2. See bridge abutment details for dimensions and elevations around abutments, and PSD-RW1, PSD-RW2, PSD-RW3 & PSD-RW4 sheets for additional details.
 3. See Project Architectural Standards for details of all architectural features shown.

Computer File Information
Date Plotted: 9/4/2008
Time Plotted: 11:15:28 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Bridge
Scale: 40 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

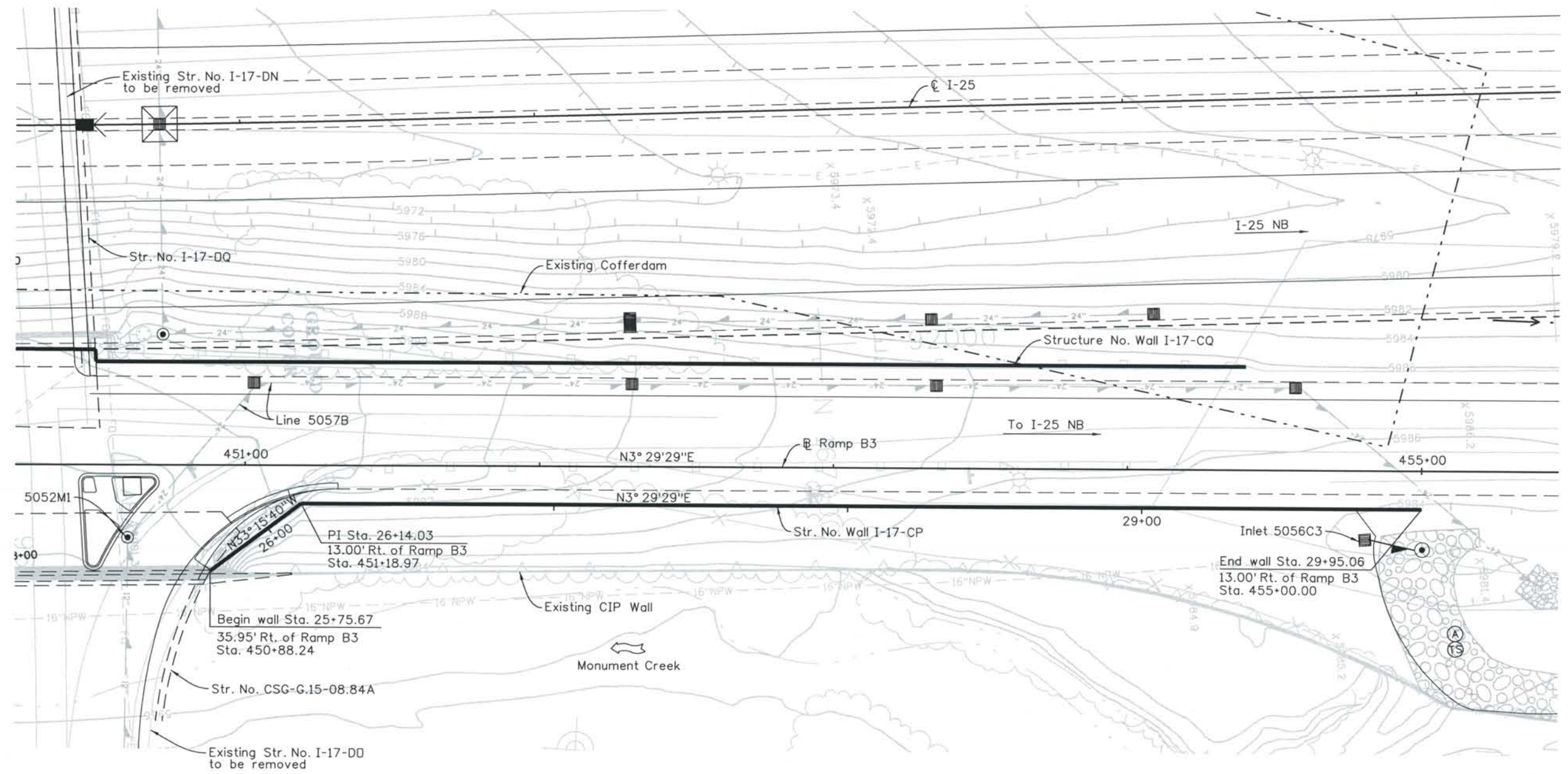


DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CM
ELEVATION

File Name DS1-RWGP-CM02.DGN	Project No./Code IM 0252-370 S.A. 14740
Structure Number WALL I-17-CM	
Project Dwg. No. DS1-RWCM2	Structure Sheet No. RWCM2
Structure Sheet No. RWCM2	

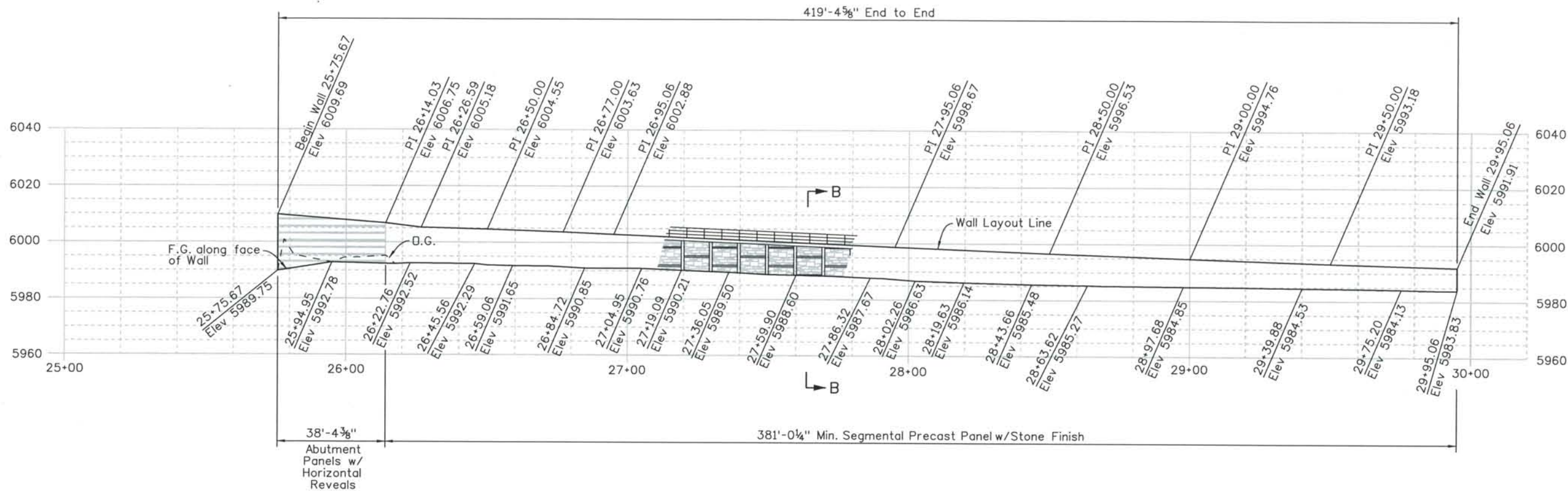
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:15:41 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 40 at 11x17
 Units: US Survey Foot



ELEVATION

NOTES:

1. Elevations shown are to Wall Layout Line unless otherwise indicated.
2. See bridge abutment details for dimensions and elevations around abutments, and PSD-RW1, PSD-RW2, PSD-RW3 & PSD-RW4 sheets for additional details.
3. See Project Architectural Standards for details of all architectural features shown.
4. For Details between Sta. 25+75.67 and 26+14.03 See DS1-R034.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CP
ELEVATION

File Name DS1-RWGP-CP02.DGN
 Structure Number
 WALL I-17-CP

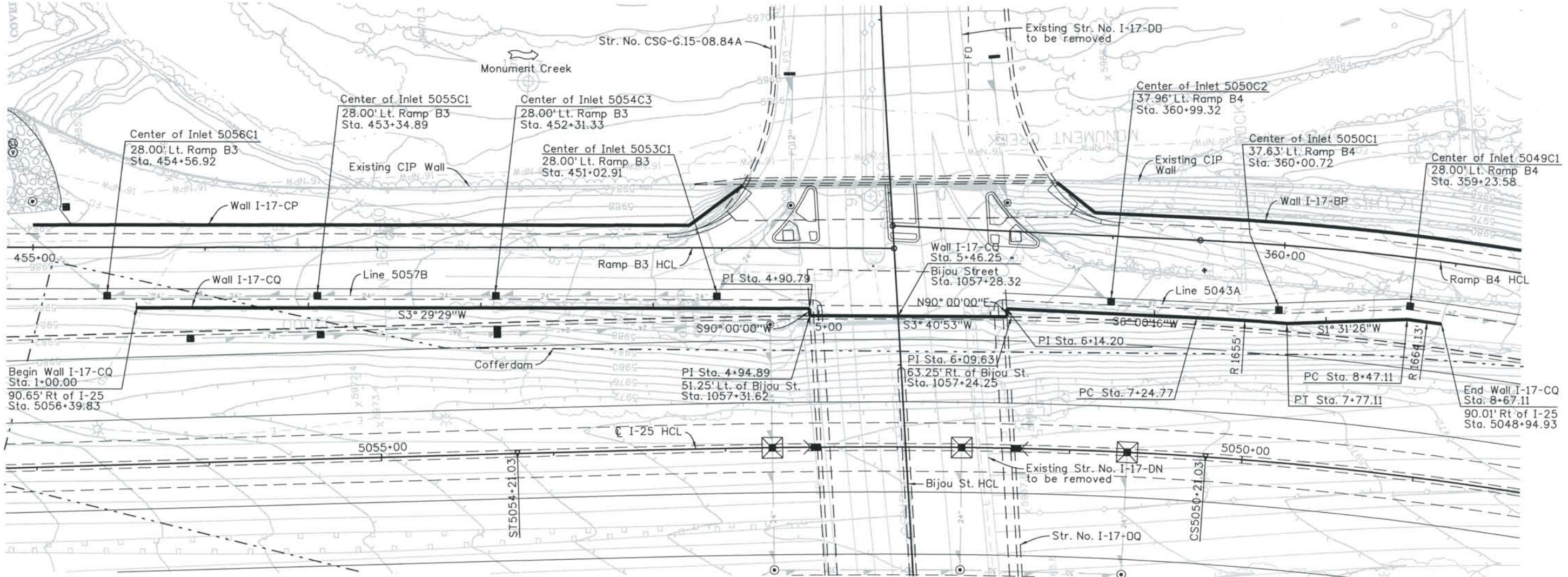
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-RWCP2
 Structure Sheet No. 2 of 2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 11:22:13 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 60 at 11x17 Units: US Survey Foot



PLAN
SPLASH ZONE: ALL

Wall I-17-CQ
 R = 1665.00'
 Δ = 1°48'43"
 L = 52.34'
 C = 52.34'
 Dc = 3°27'43"

Wall I-17-CQ
 R = 1664.13'
 Δ = 0°41'19"
 L = 20.00'
 C = 20.00'
 Dc = 3°26'35"

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
A	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



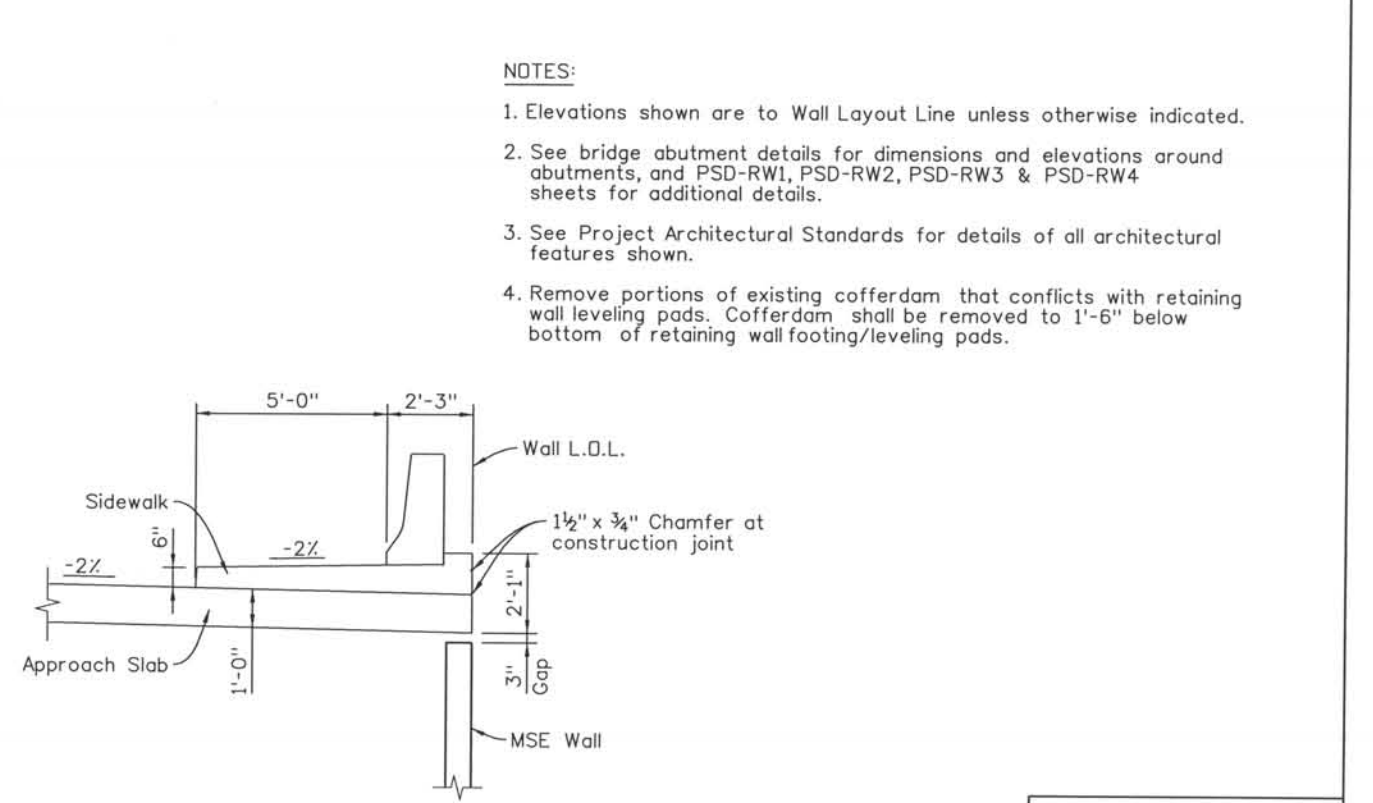
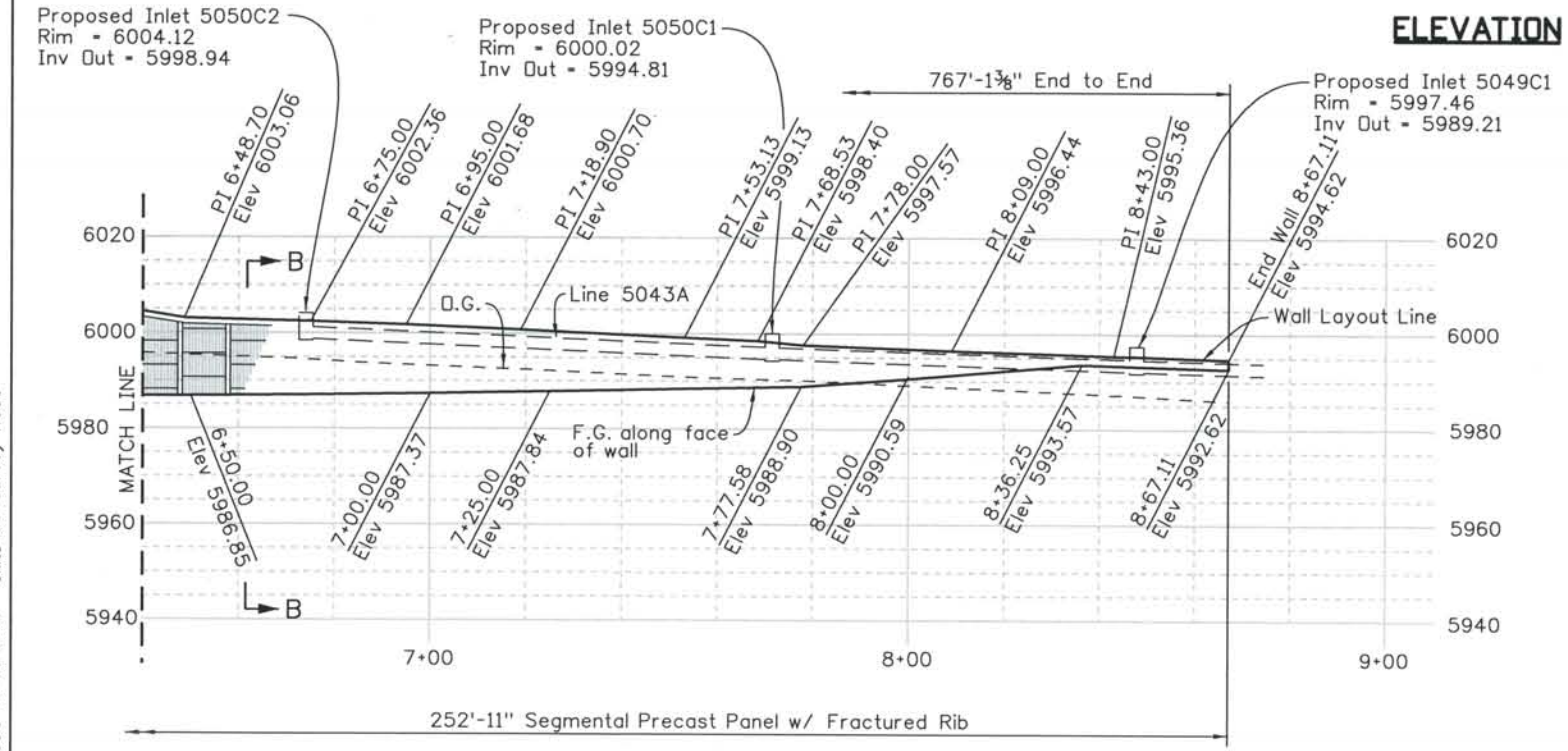
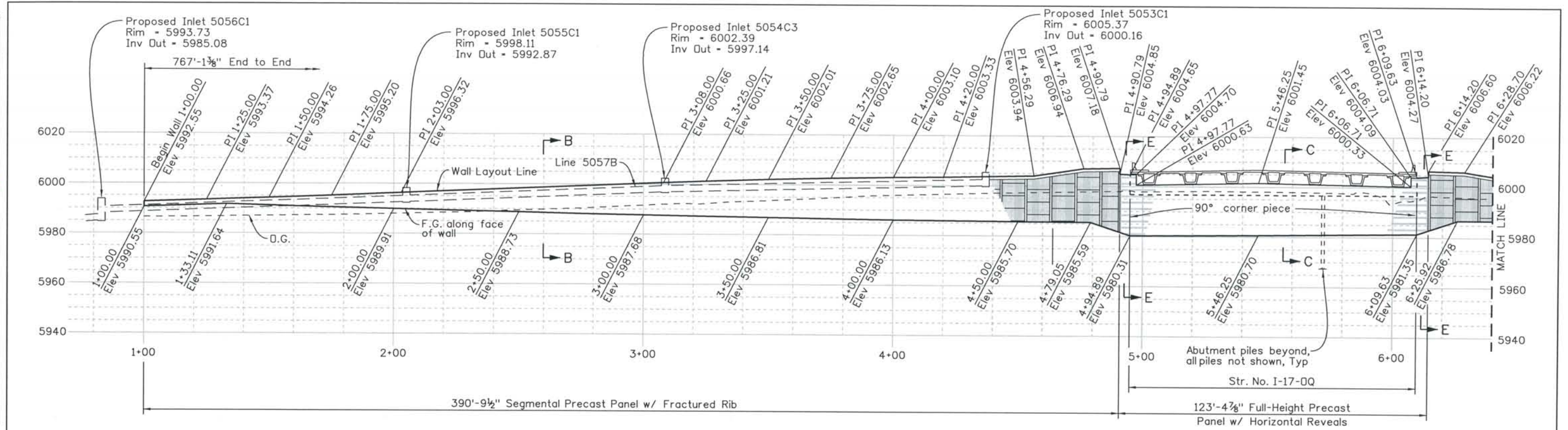
DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CQ
PLAN

File Name: DS1-RWGP-C001.DGN
 Structure Number: WALL I-17-CQ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWCQ1
 Structure Sheet No.: RWCQ1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



- NOTES:**
- Elevations shown are to Wall Layout Line unless otherwise indicated.
 - See bridge abutment details for dimensions and elevations around abutments, and PSD-RW1, PSD-RW2, PSD-RW3 & PSD-RW4 sheets for additional details.
 - See Project Architectural Standards for details of all architectural features shown.
 - Remove portions of existing cofferdam that conflicts with retaining wall leveling pads. Cofferdam shall be removed to 1'-6" below bottom of retaining wall footing/leveling pads.

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:15:53 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 40 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CQ
ELEVATION

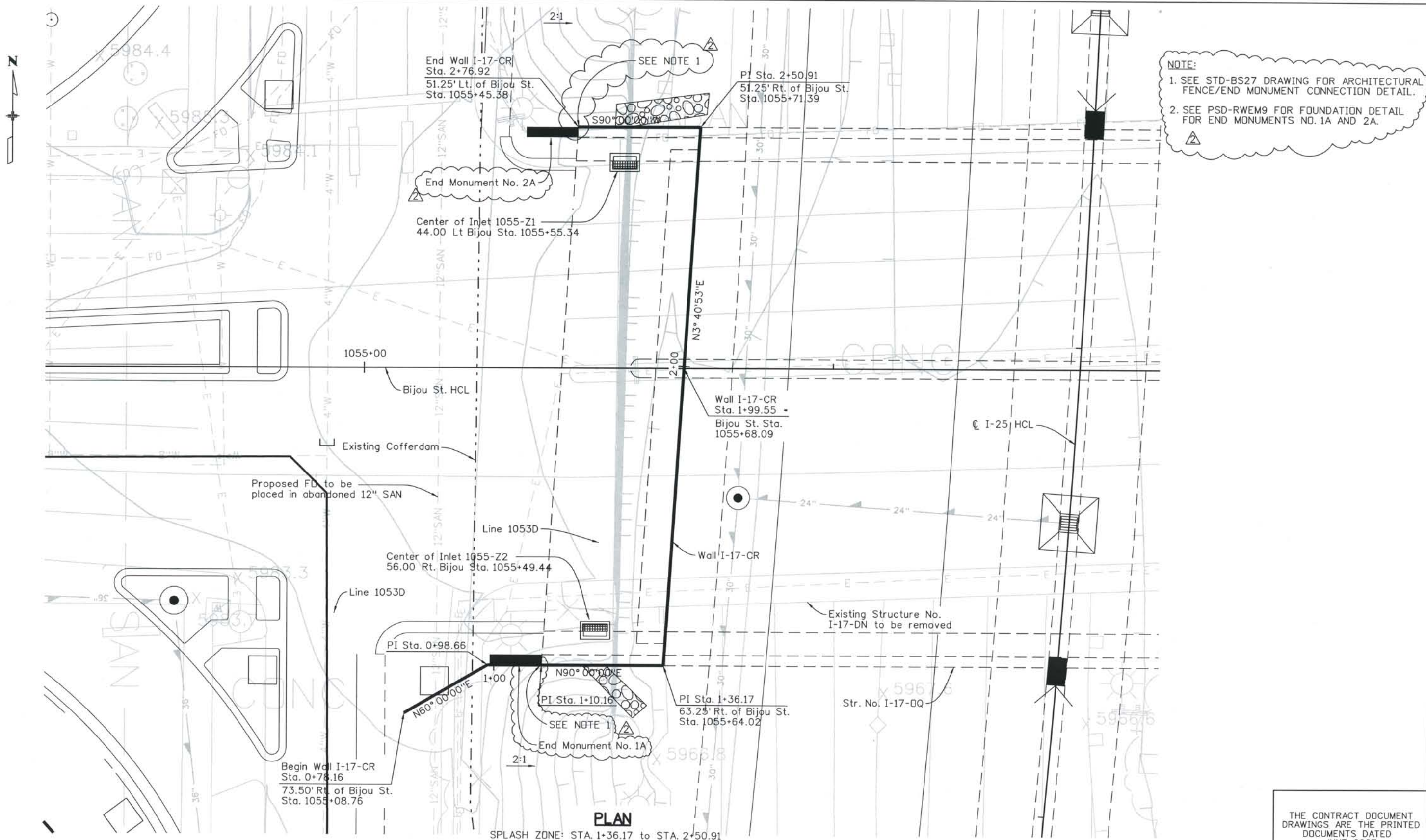
File Name	DS1-RWGP-CQ02.DGN
Structure Number	WALL I-17-CQ
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-RWCQ2
Structure Sheet No.	RWCQ2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
Date Plotted: 9/10/2008
Time Plotted: 11:26:32 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Bridge
Scale: 20 at 11x17 Units: US Survey Foot



NOTE:
1. SEE STD-BS27 DRAWING FOR ARCHITECTURAL FENCE/END MONUMENT CONNECTION DETAIL.
2. SEE PSD-RWEM9 FOR FOUNDATION DETAIL FOR END MONUMENTS NO. 1A AND 2A.

PLAN
SPLASH ZONE: STA. 1+36.17 to STA. 2+50.91

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



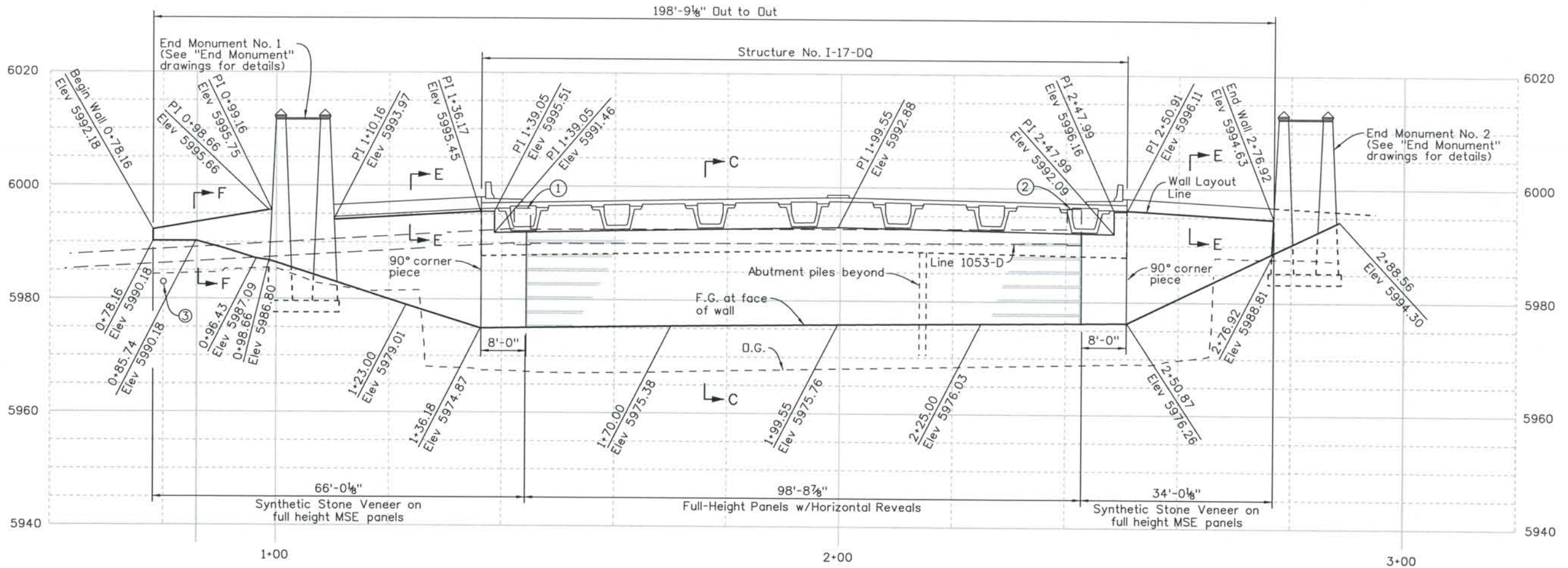
DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CR
PLAN

File Name: DS1-RWGP-CR01.DGN
Structure Number: WALL I-17-CR

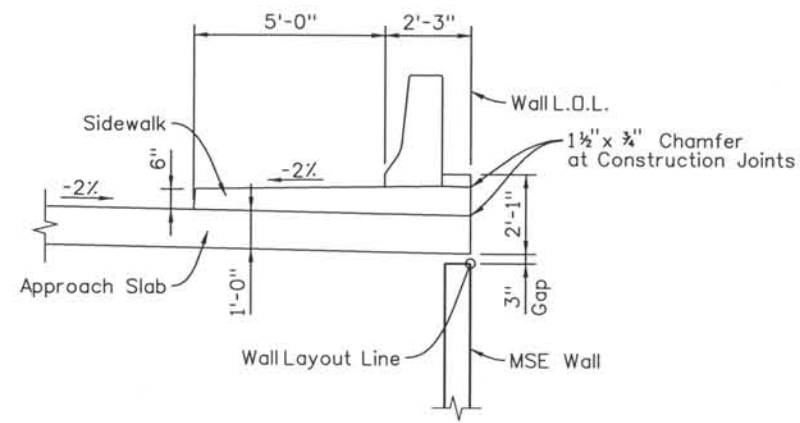
Project No./Code: IM 0252-370 S.A. 14740
Project Dwg. No.: DS1-RWCR1
Structure Sheet No.: RWCR1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

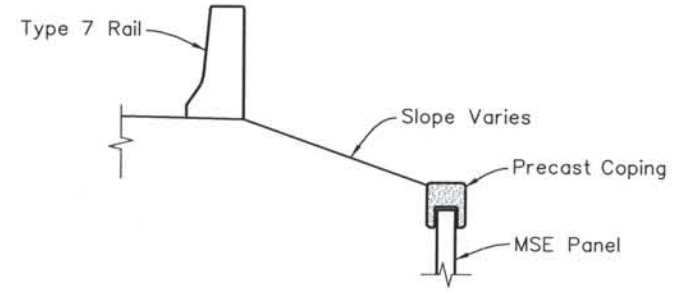
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ELEVATION



SECTION E-E
Section through Approach Slab



SECTION F-F

NOTES:

1. Elevations shown are to WallLayout Line unless otherwise indicated.
2. See bridge abutment details for dimensions and elevations around abutments, and PSD-RW1, PSD-RW2, PSD-RW3 & PSD-RW4 sheets for additional details.
3. See Project Architectural Standards for details of all architectural features shown.
4. Remove portions of existing cofferdam that conflicts with retaining wall footings/leveling pads. Cofferdam shall be removed to 1'-6" below the bottom of retaining wall footings/leveling pads.

- ① Proposed Inlet 1055-Z2
Rim = 5995.94
Inv Out = 5990.10
- ② Proposed Inlet 1055-Z1
Rim = 5996.51
Inv Out = 5990.59
- ③ Existing 12" SAN to be potholed prior to leveling pad construction

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:16:05 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CR
ELEVATION

File Name: DS1-RWGP-CR02.DGN
 Structure Number: WALL I-17-CR

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWCR2
 Structure Sheet No.: RWCR2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

GENERAL NOTES

- All concrete shall be Class D (Wall)
- All construction joints shall be thoroughly cleaned before fresh concrete is poured.
- All construction joints not shown on the Plans shall be approved by the Engineer.
- The Contractor is responsible for the stability of the structure during construction.
- Structure Excavation and Backfill, including over-excavation shall be according to the Geotechnical Report and Section 206 of the CDOT Standard Specification for Road and Bridge Construction.
- Grade 60 reinforcing steel is required.
- All reinforcing shall be epoxy coated. The following table gives the Class B lap splice length for epoxy coated reinforcing bars placed in accordance with subsection 602.06. These splice lengths shall be increased by 25% for bars spaced at less than 6" on center:

BAR SIZE:	•4	•5	•6	•7	•8	•9	•10	•11
SPLICE LENGTH:	1'-7"	2'-0"	2'-5"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

The above splice lengths shall be increased by 20% for 3 bar bundles and 33% for 4 bar bundles.

The above splice lengths may be reduced by 20% when 3" of clear cover exists and bar spacing is 6" or greater on center.

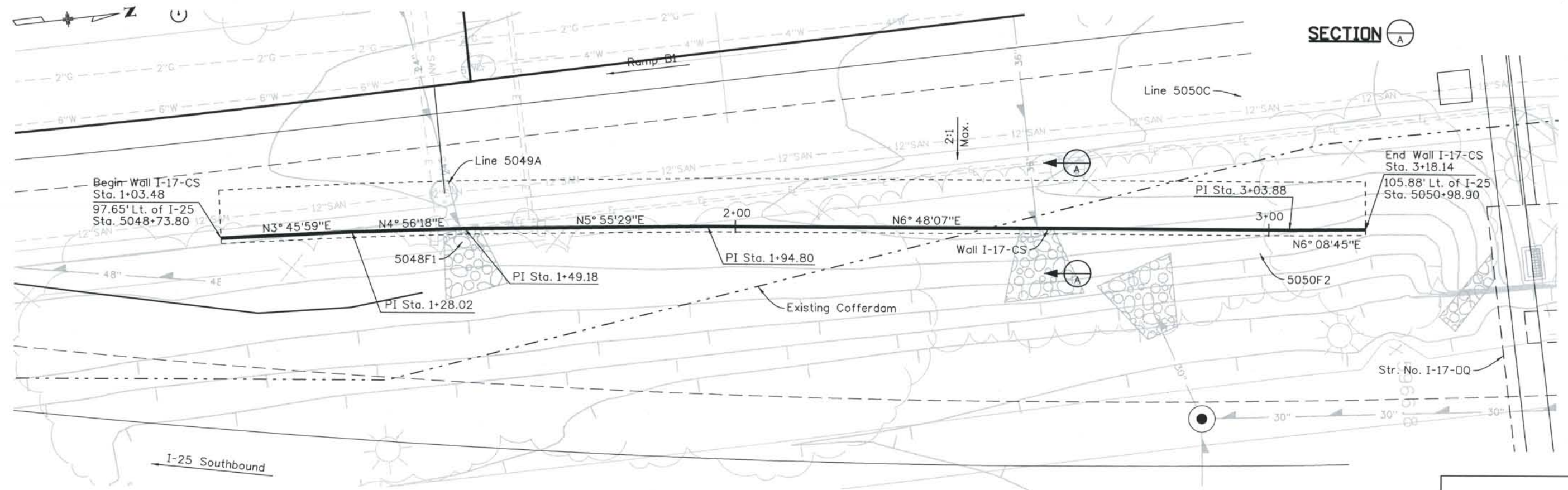
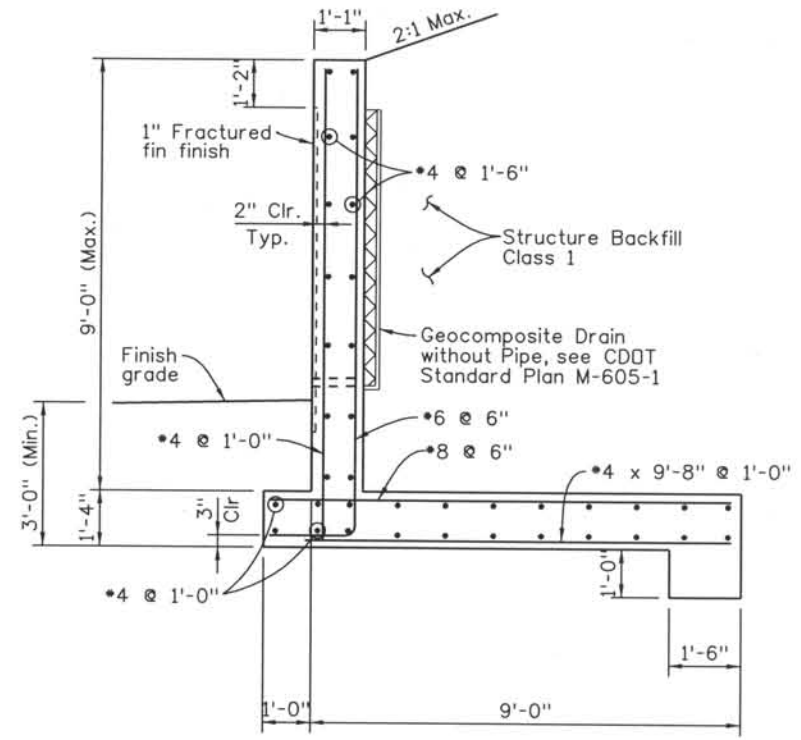
All splices shall be staggered unless shown otherwise.

- The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all-inclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 1-800-922-1987 at least 2 days (not including the day of notification) prior to any excavation or other earthwork.
- All exposed concrete corners shall be chamfered 3/4".
- A colored structural concrete coating finish is required to one foot below finished grade. The color shall be equivalent to Federal Standard 595B Color No. 30313 (Beige).
- Expansion Joint Material shall meet AASHTO Specification M 213.
- Remove portions of existing cofferdam that conflicts with retaining wall footing. Cofferdam shall be removed to 1'-6" below the bottom of retaining wall footing.

DESIGN DATA

AASHTO 3rd Edition LRFD, 2004.
 Design Method: Load and Resistance Factor Design.

REINFORCED CONCRETE:
 CLASS D CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi
 See Geotechnical Report for Soil Parameters.



PLAN
 SPLASH ZONE: ALL

DESIGN SEGMENT 1
 STRUCTURE NO. I-17-CS
 PLAN

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

ROCKRIMMON CONSTRUCTORS
 A SEMA/CH2M HILL JOINT VENTURE

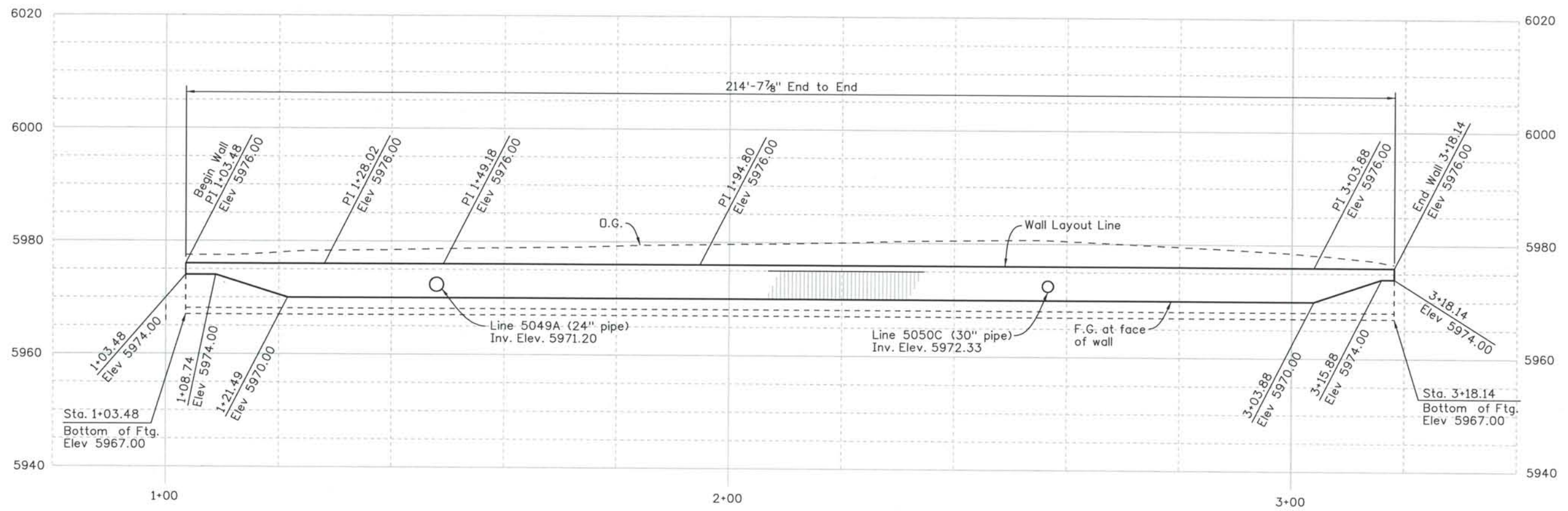
COSMIX
 COLORADO SPRINGS METRO INTERSTATE EXPANSION

File Name	DS1-RWGP-CS01.DGN
Structure Number	WALL I-17-CS
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-RWCS1
Structure Sheet No.	RWCS1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 11:29:14 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

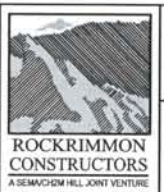


ELEVATION

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:16:18 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 22	
3	AS-BUILT PLANS SUBMITTAL	08/15/08



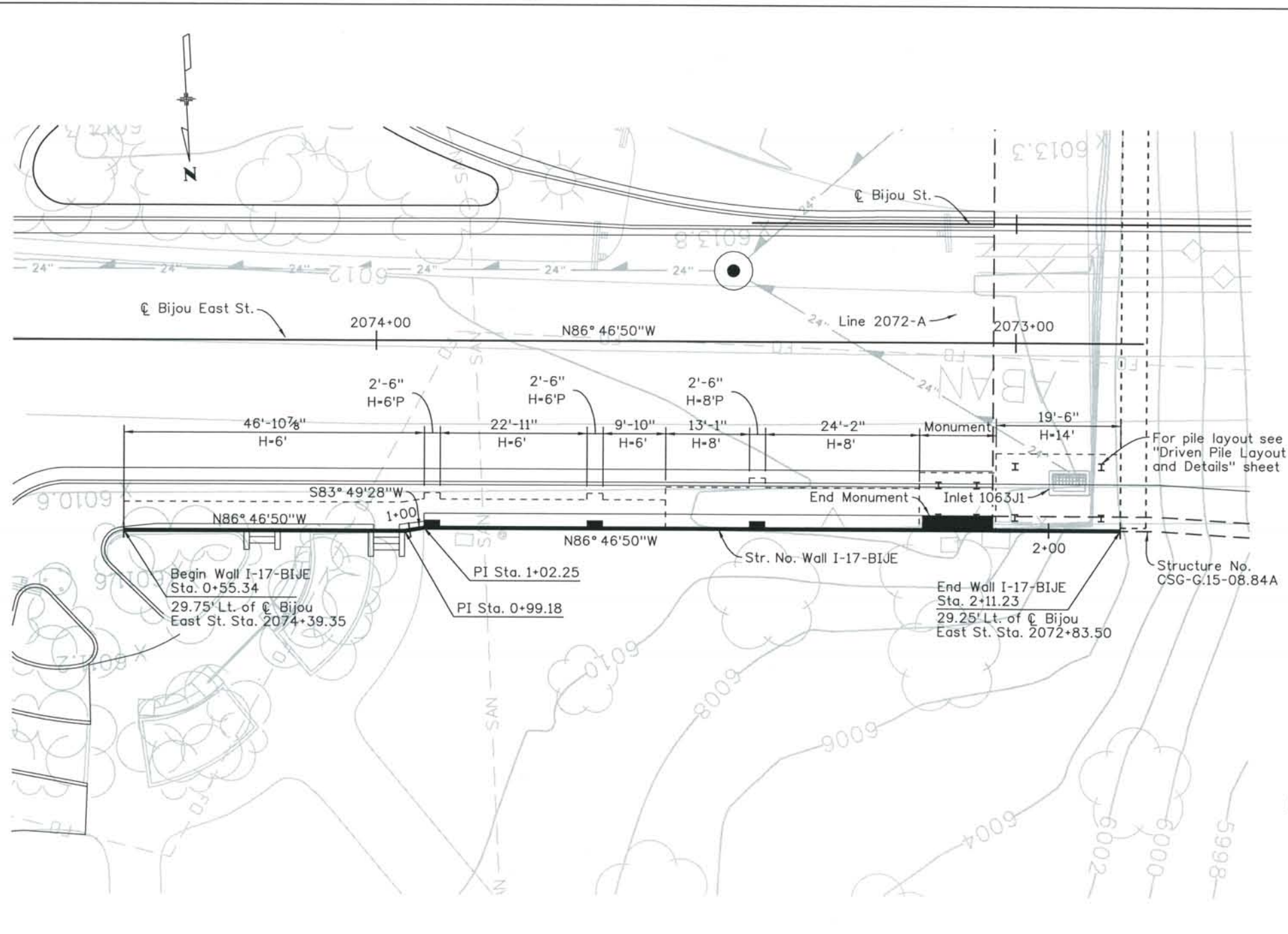
DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-CS
ELEVATION

File Name: DS1-RWGP-CS02.DGN
 Structure Number: WALL I-17-CS

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWCS2
 Structure Sheet No.: RWCS2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN
SPLASH ZONE: ALL

GENERAL NOTES

- All concrete shall be Class D (Wall)
- All construction joints shall be thoroughly cleaned before fresh concrete is poured.
- All construction joints not shown on the Plans shall be approved by the Engineer.
- The Contractor is responsible for the stability of the structure during construction.
- Structure Excavation and Backfill, including over-excavation shall be according to the Geotechnical Report and Section 206 of the CDOT Standard Specification for Road and Bridge Construction.
- Grade 60 reinforcing steel is required.
- All reinforcing shall be epoxy coated. The following table gives the Class B lap splice length for epoxy coated reinforcing bars placed in accordance with subsection 602.06. These splice lengths shall be increased by 25% for bars spaced at less than 6" on center.

BAR SIZE:	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH:	1'-7"	2'-0"	2'-5"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"
- The above splice lengths shall be increased by 20% for 3 bar bundles and 33% for 4 bar bundles.
- The above splice lengths may be reduced by 20% when 3" of clear cover exists and bar spacing is 6" or greater on center.
- All splices shall be staggered unless shown otherwise.
- The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or allinclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 1-800-922-1987 at least 2 days (not including the day of notification) prior to any excavation or other earthwork.
- All exposed concrete corners shall be chamfered 3/4".
- A colored structural concrete coating finish is required to one foot below finished grade. The color shall be equivalent to Federal Standard 595B Color No. 30313 (Beige).
- Expansion Joint Material shall meet AASHTO Specification M 213.

DESIGN DATA

AASHTO 3rd Edition LRFD, 2004.
 Design Method: Load and Resistance Factor Design.
 REINFORCED CONCRETE:
 CLASS D CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi
 See Geotechnical Report for Soil Parameters.

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:16:26 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

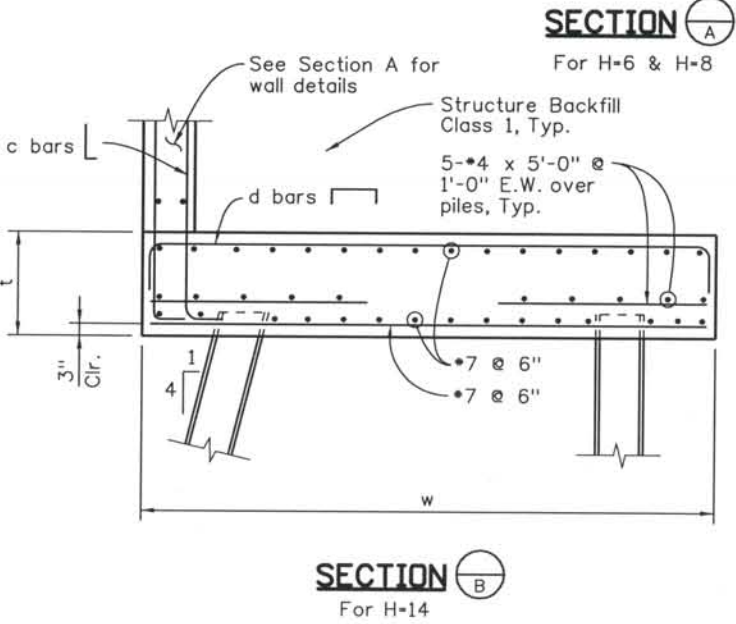
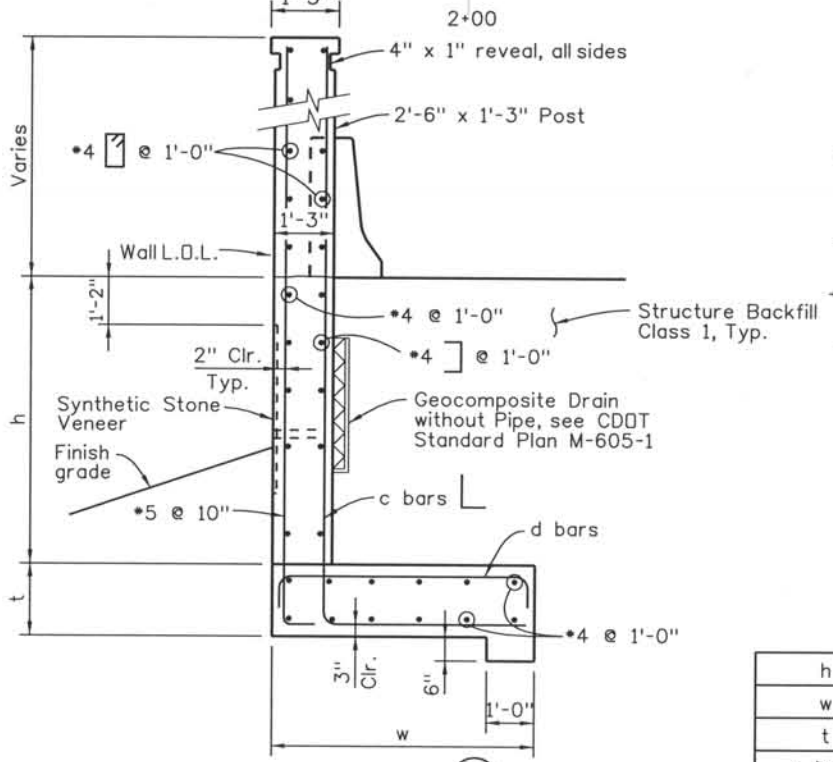
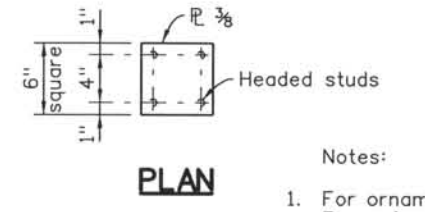
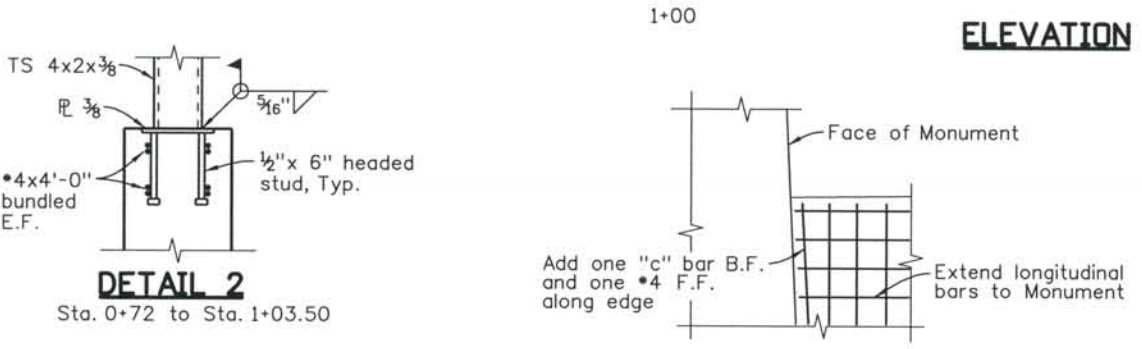
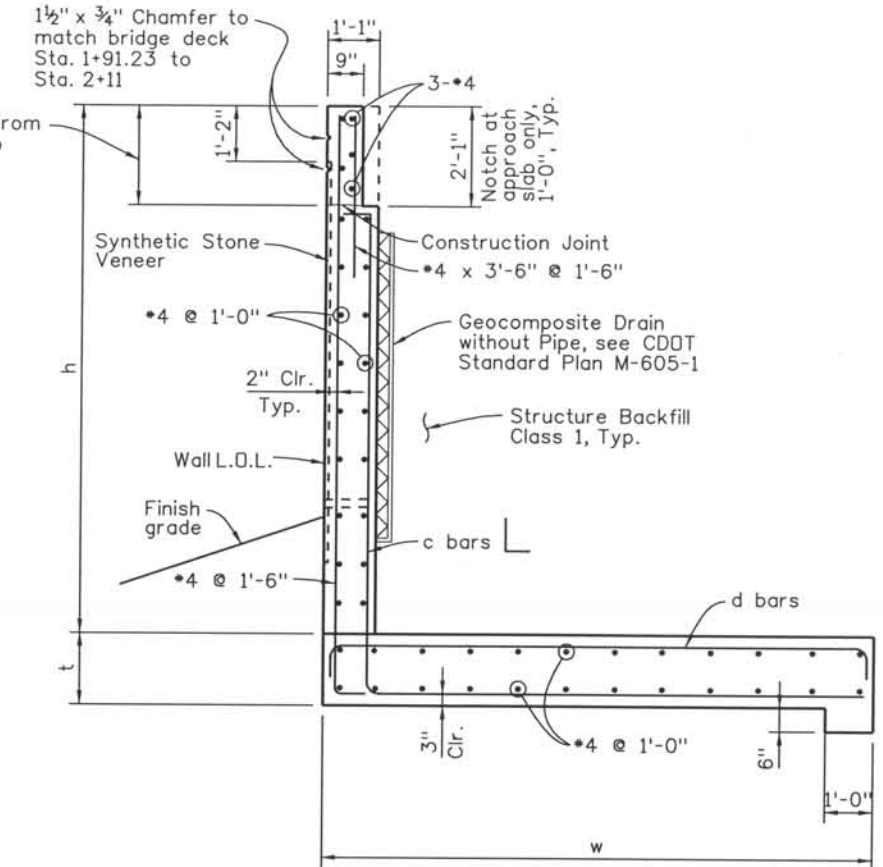
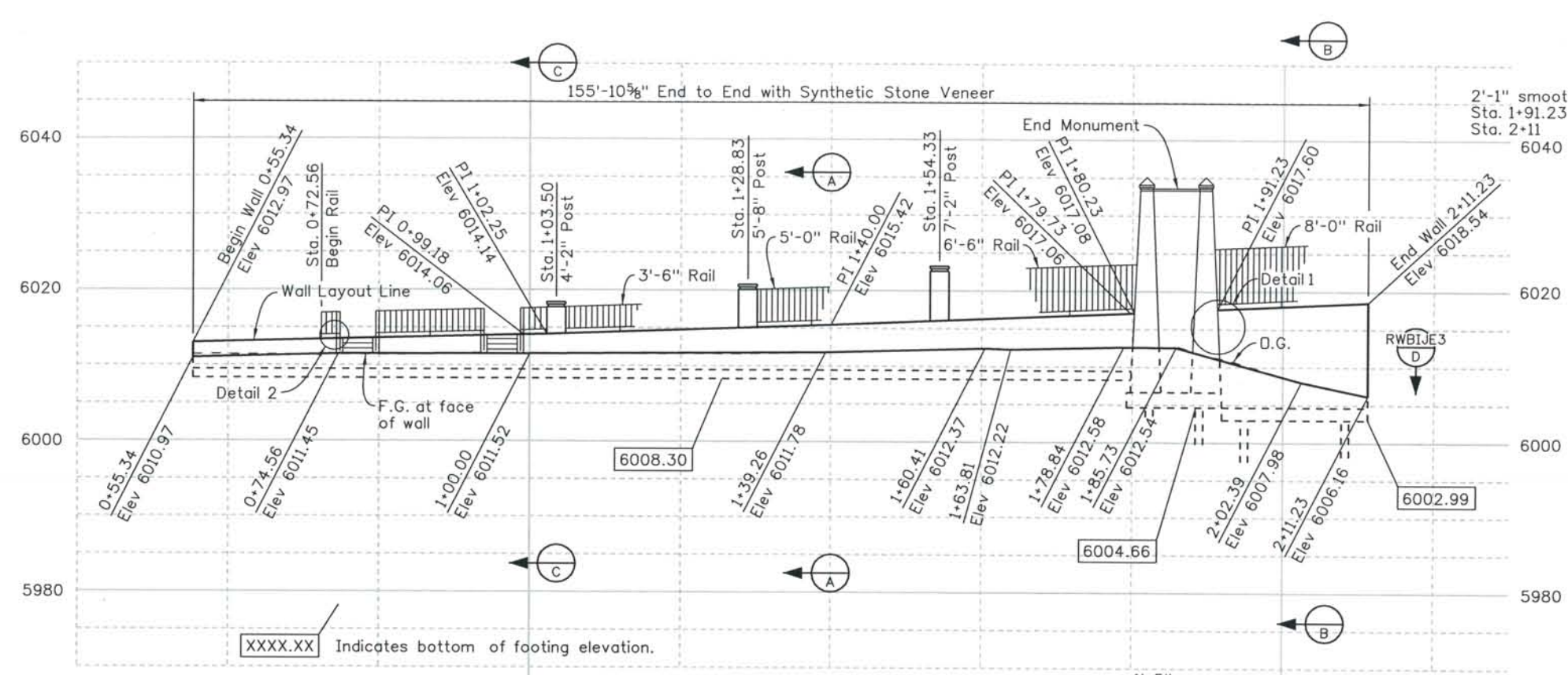


DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BIJE
PLAN

File Name	DS1-RWGP-BIJE01.DGN
Structure Number	WALL I-17-BIJE
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-RWBIJE1
Structure Sheet No.	RWBIJE1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMOTT



h	6'-0"	6'-0"P	8'-0"	8'-0"P	14'-0"
w	4'-6"	5'-6"	6'-6"	8'-0"	12'-0"
t	1'-2"	1'-2"	1'-2"	1'-2"	1'-8"
c bars	*4 @ 6"	*4 @ 6"	*5 @ 6"	*5 @ 6"	*7 @ 6"
d bars	*4 @ 6"	*4 @ 6"	*6 @ 6"	*7 @ 6"	*7 @ 6"

- Notes:
- For ornamental fence, see STD-BS26, STD-BS27 & STD-BS28. Fence is placed on stairs between Sta 0+74.56 to Sta. 0+99.18. See sheet RWBIJE4.
 - For End Monument details, see RWBIJE5 & RWBIJE6.
 - For Light locations, see sheet DS1-L053.
 - For Light Anchor Bolt Details, See sheet STD-BS27.
 - For Rail Attachment Details between Sta. 1+03.5 to Sta 2+11.23 see sheets STD-BS26, STD-BS27 & STD-BS28.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1

STRUCTURE NO. WALL I-17-BIJE

ELEVATION

File Name	DS1-RWGP-BIJE02.DGN	Project No./Code	IM 0252-370 S.A. 14740
Structure Number	WALL I-17-BIJE	Project Dwg. No.	DS1-RWBIJE2
		Structure Sheet No.	RWBIJE2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

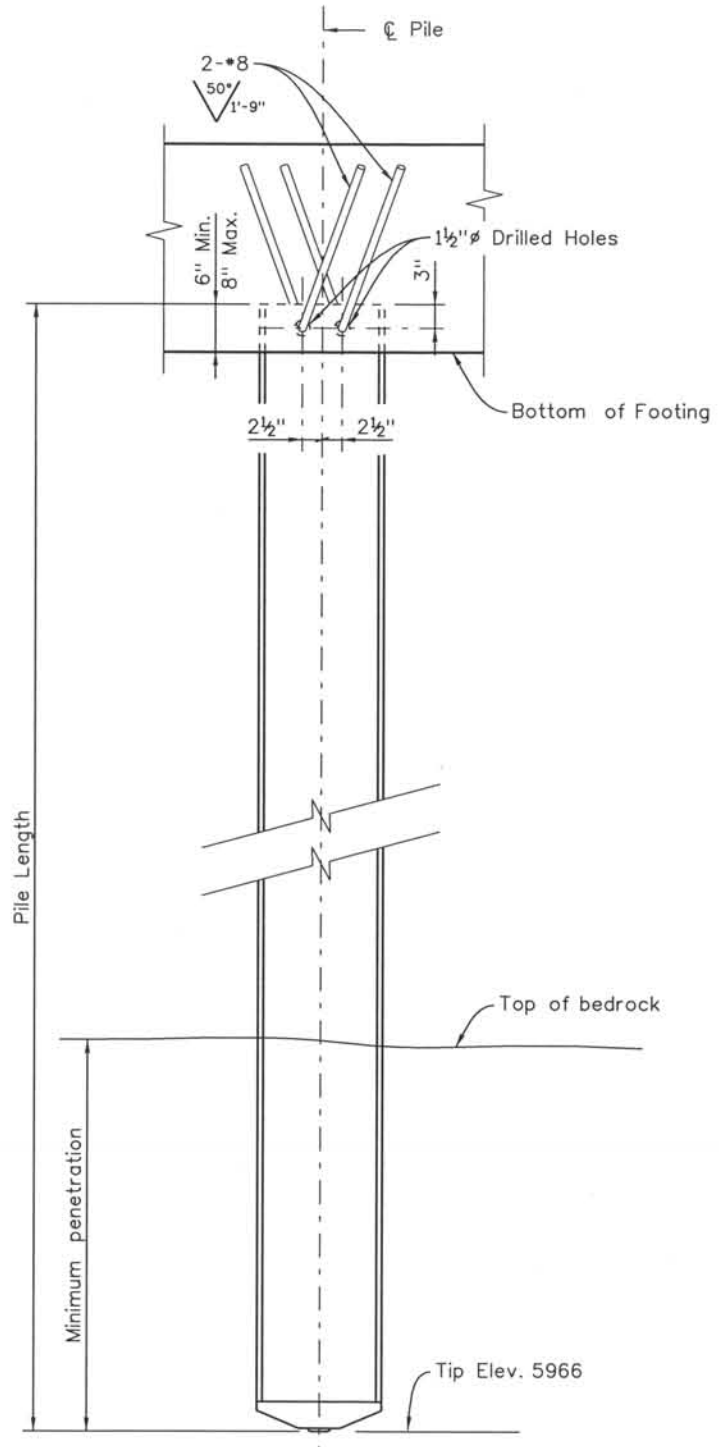
Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:16:30 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: 20 at 11x17
 Units: US Survey Foot

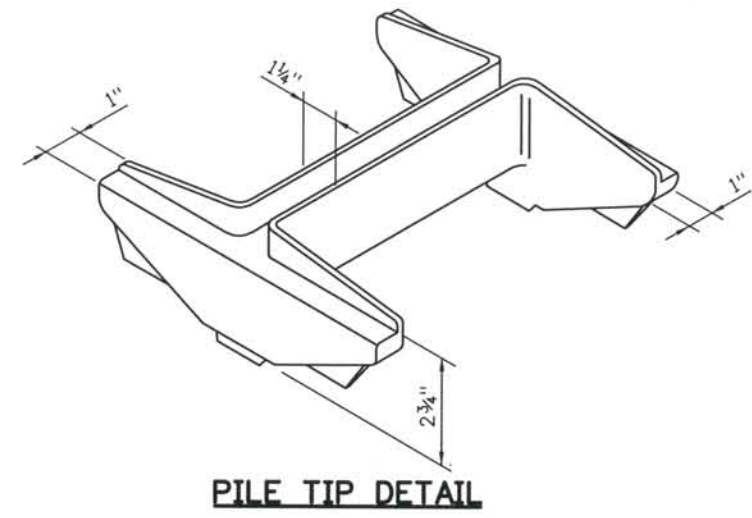
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

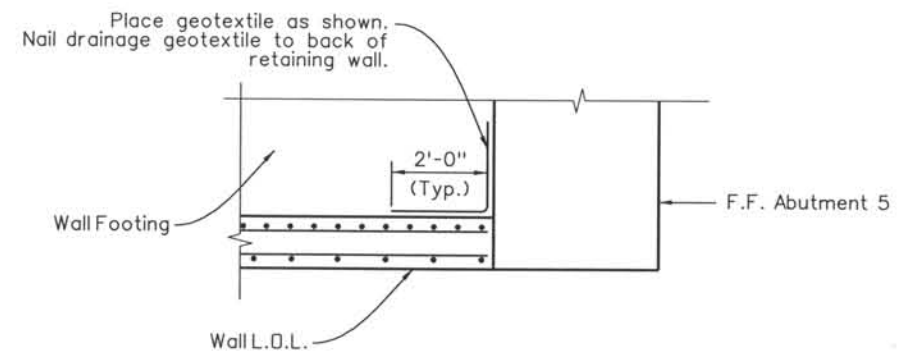
Date Plotted: 9/4/2008
 Time Plotted: 11:16:33 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built 327504.DS1 Bridge
 Scale: 2 at 11x17 Units: US Survey Foot



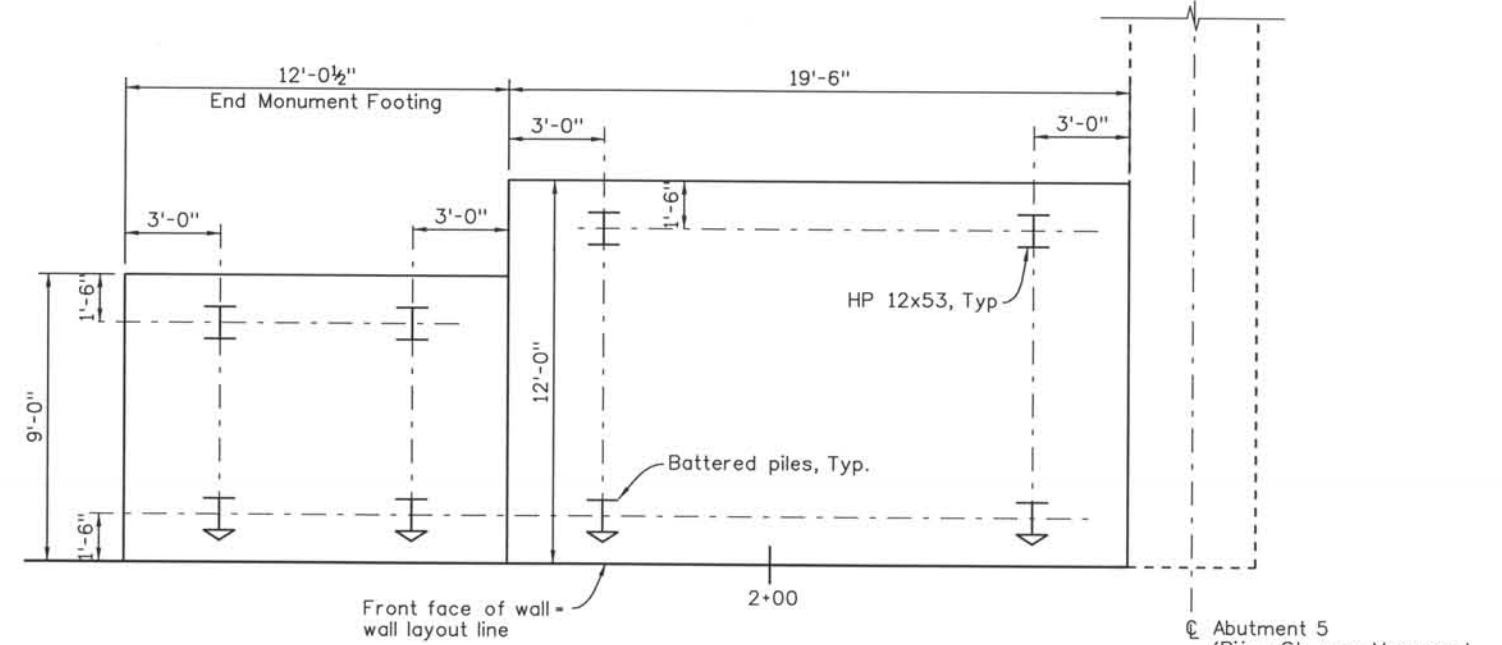
PILE ELEVATION



PILE TIP DETAIL



SECTION RWBIJE2 D



PILE LAYOUT

STEEL HP PILE NOTES:

1. All piles are HP 12x53 and shall conform to AASHTO M270 with a minimum yield strength of 50 ksi.
2. Drive pile with an APE D30-32 diesel hammer.
3. Weld commercial pile tip to all piling with a 5/16 inch single groove weld along outside of pile flanges.
4. Construct commercial pile tip with one-piece of cast steel conforming to ASTM A148 80/50 - Heat Treated (Min.).

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-BIJE
 DRIVEN PILE LAYOUT AND DETAILS

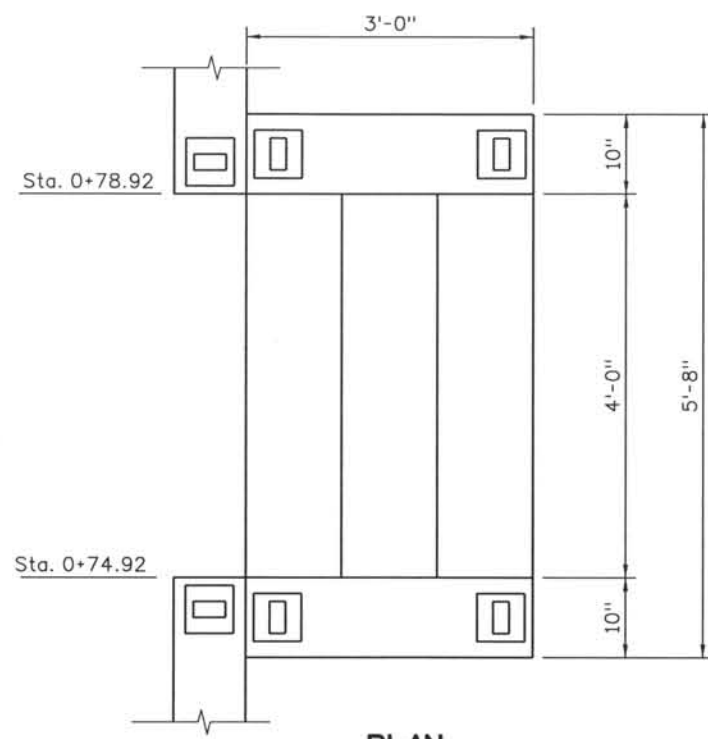
File Name: DS1-RWGP-BIJE03.DGN
 Structure Number: I-17-BIJE

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBIJE3
 Structure Sheet No.: RWBIJE3

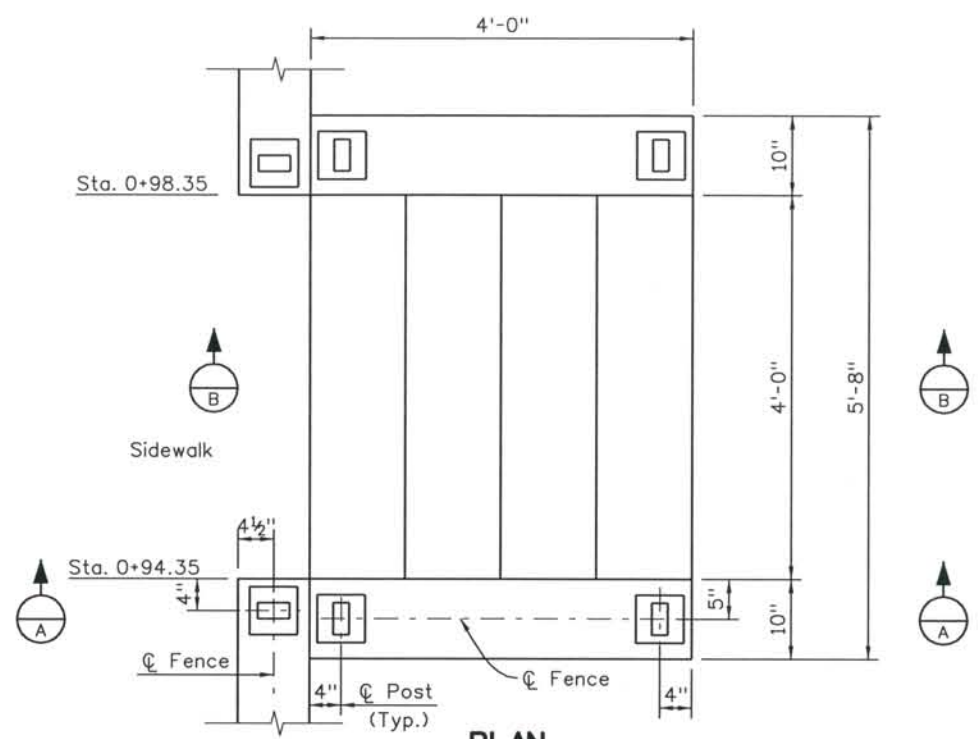
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTOR
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAWUTT

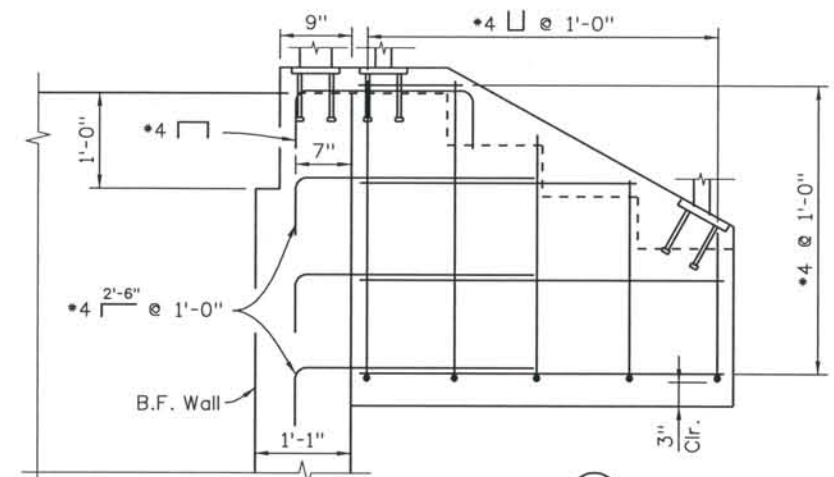
Date Plotted: 9/4/2008
 Time Plotted: 11:16:36 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Units: US Survey Foot
 Scale: DScale
 As-Built
 327504.DS1 Bridge



PLAN
Stair with 3 Steps

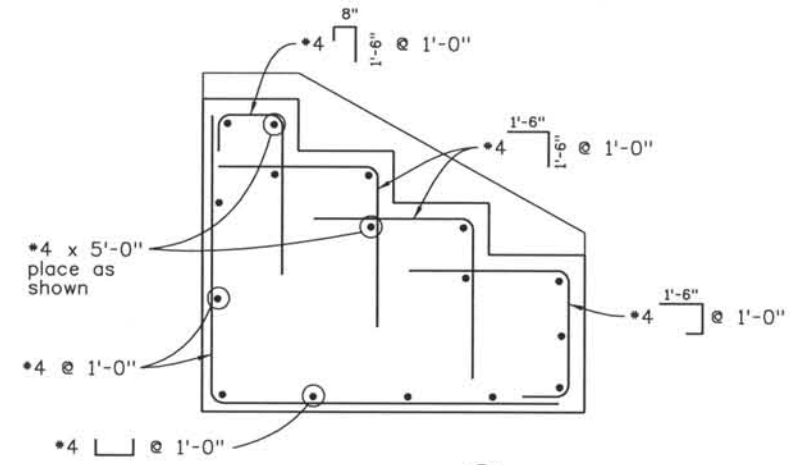


PLAN
Stair with 4 Steps



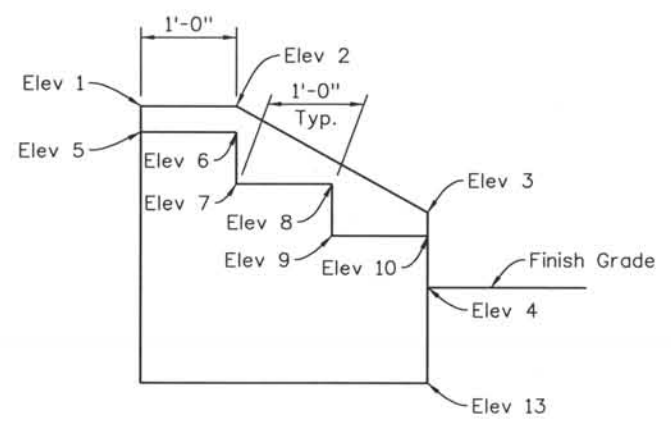
SECTION A

4 Step stairs shown, 3 step similar
 Attach ADA approved handrail to ornamental rail. Supplier to submit shop drawings of all details for approval.

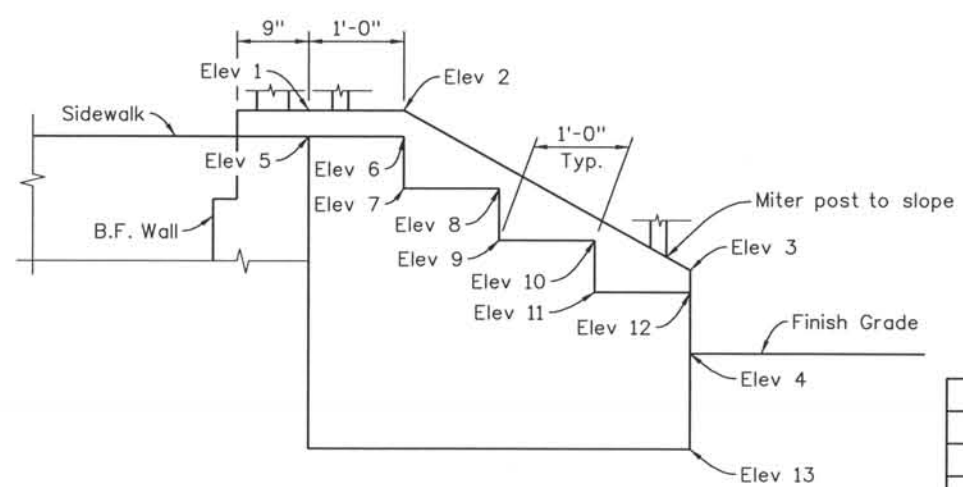


SECTION B

4 Step stairs shown, 3 step similar



SECTION THROUGH STAIRS
Stair with 3 Steps



SECTION THROUGH STAIRS
Stair with 4 Steps

	Sta. 0+74.92	Sta. 0+78.92	Sta. 0+94.35	Sta. 0+98.35
1	6013.39	6013.53	6013.88	6014.06
2	6013.39	6013.53	6013.88	6014.06
3	6012.32	6012.32	6012.30	6012.30
4	6011.55	6011.55	6011.53	6011.53
5	6013.18	6013.26	6013.69	6013.79
6	6013.18	6013.23	6013.69	6013.76
7	6012.63	6012.69	6013.15	6013.22
8	6012.63	6012.66	6013.15	6013.20
9	6012.09	6012.12	6012.61	6012.66
10	6012.09	6012.09	6012.61	6012.64
11			6012.07	6012.10
12			6012.07	6012.07
13	6010.55	6010.55	6010.53	6010.53

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-BIJE
 STAIR DETAILS

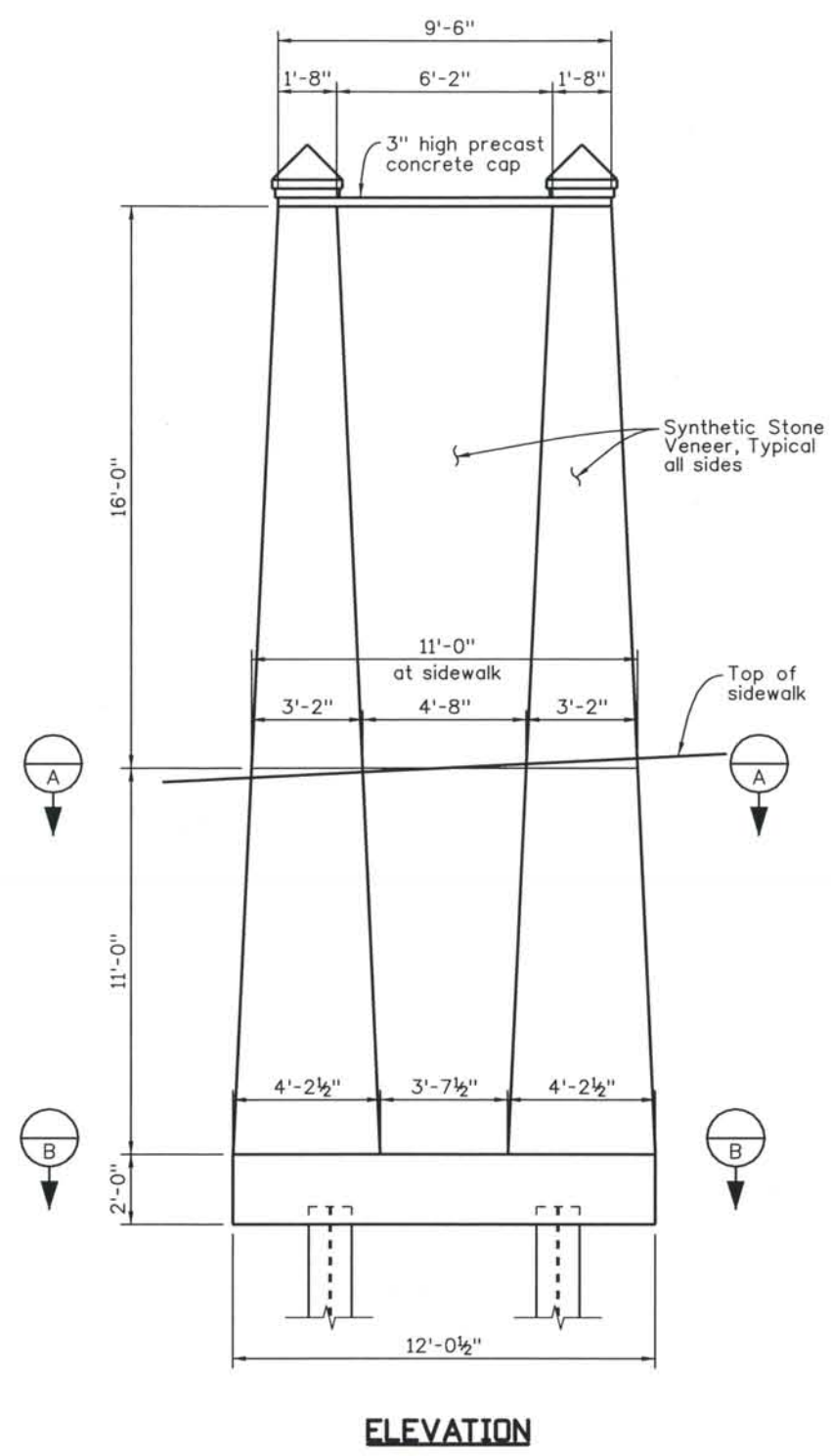
File Name: DSI-RWGP-BIJE04.DGN
 Structure Number: WALL I-17-BIJE

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-RWBIJE4
 Structure Sheet No.: RWBIJE4

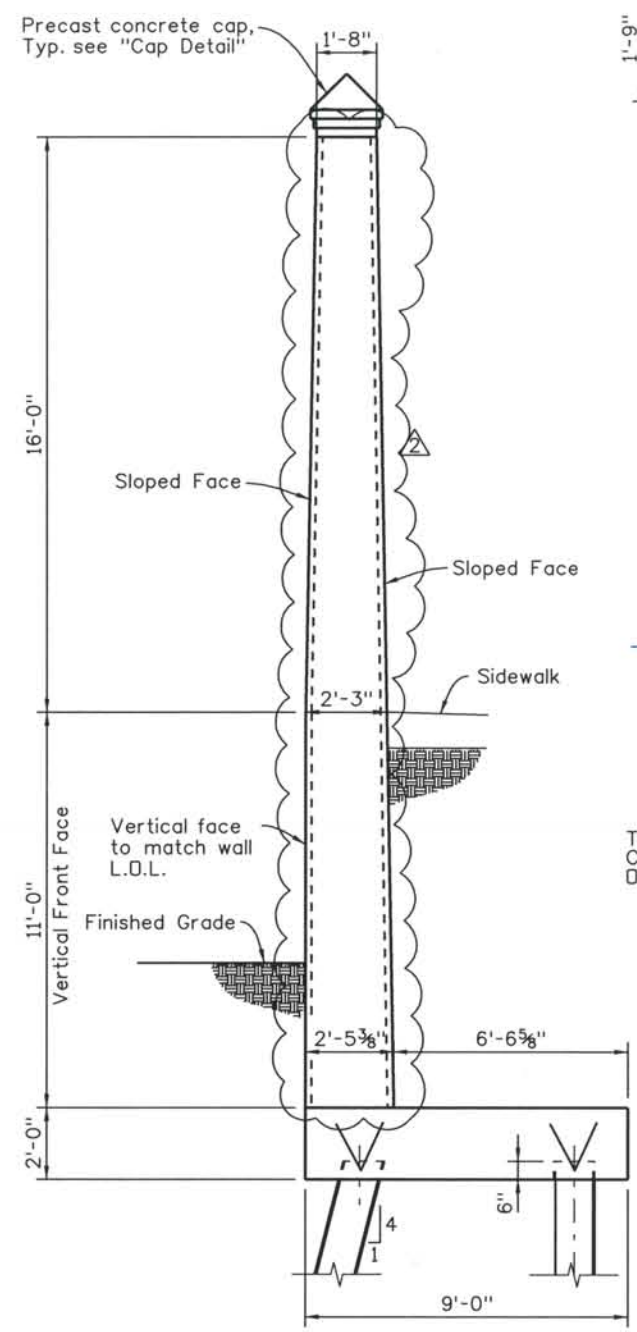
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

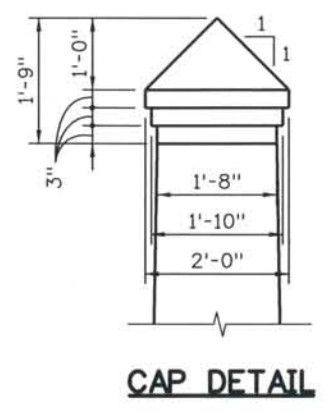
Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 10:37:39 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/16 at 11x17 Units: US Survey Foot



ELEVATION



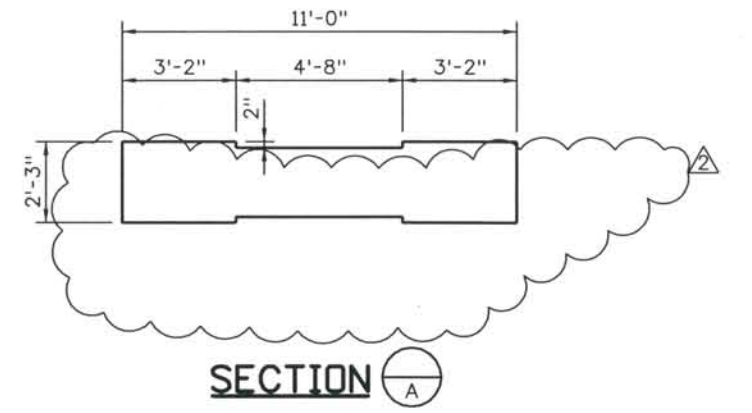
SIDE VIEW



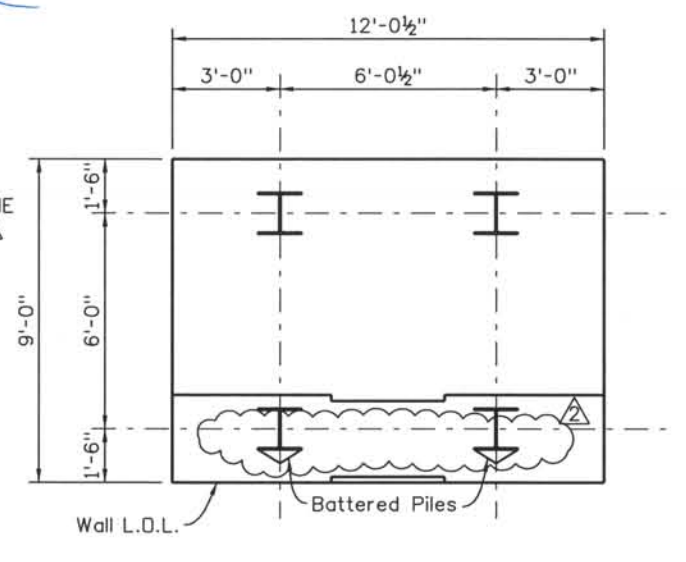
CAP DETAIL



THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.

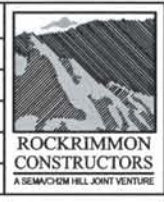


SECTION A



SECTION B

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-BIJE
 END MONUMENT DETAILS
 1 OF 2

File Name: DS1-RWGP-BIJE05.DGN
 Structure Number: WALL I-17-BIJE

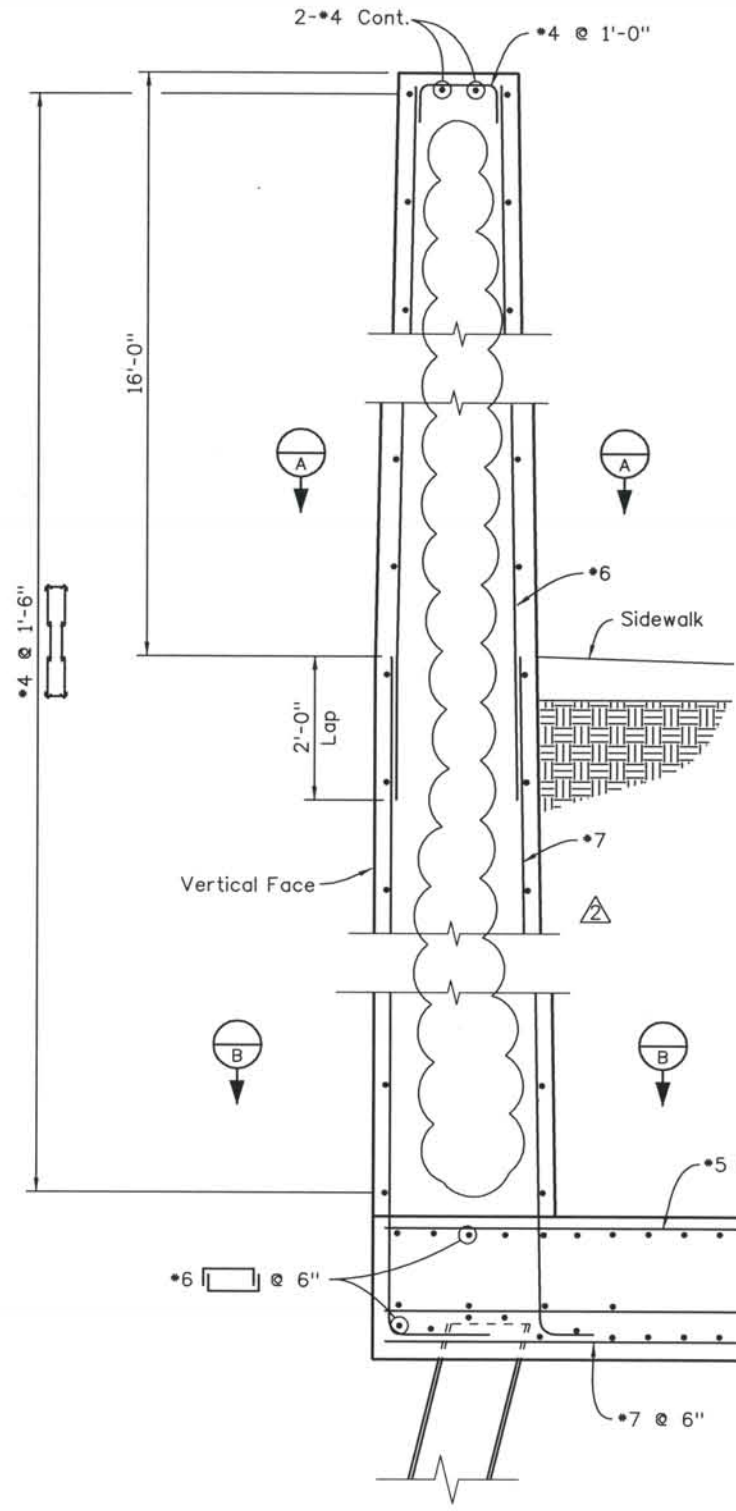
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBIJE5
 Structure Sheet No.: RWBIJE5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

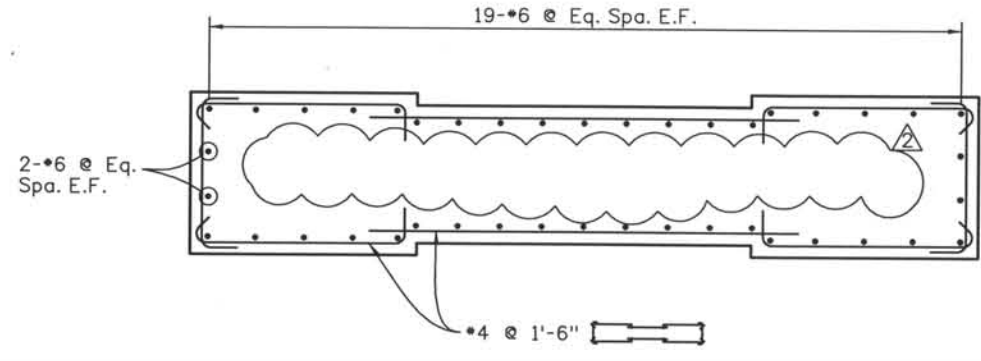
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



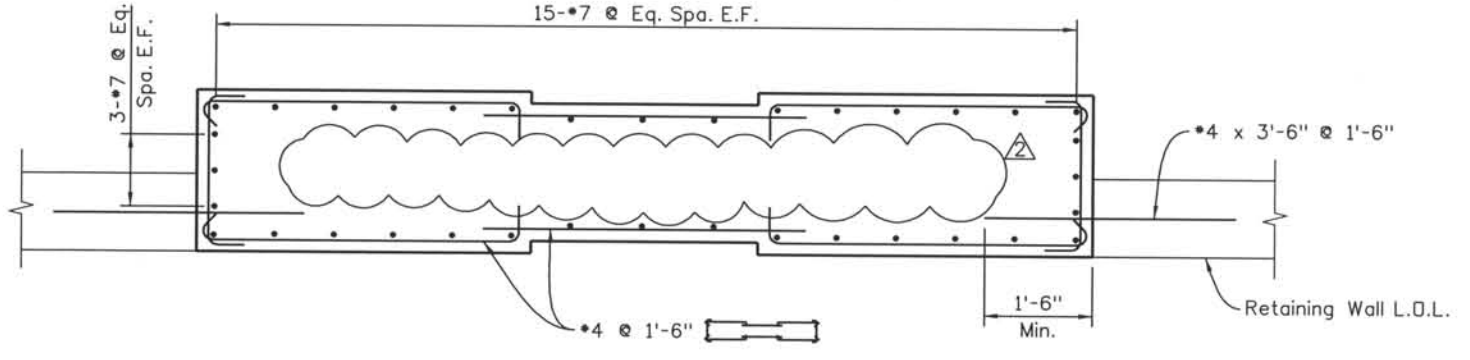
THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.



SECTION THROUGH MONUMENT



SECTION A



SECTION B

Computer File Information
Date Plotted: 9/15/2008
Time Plotted: 3:04:24 PM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Bridge
Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



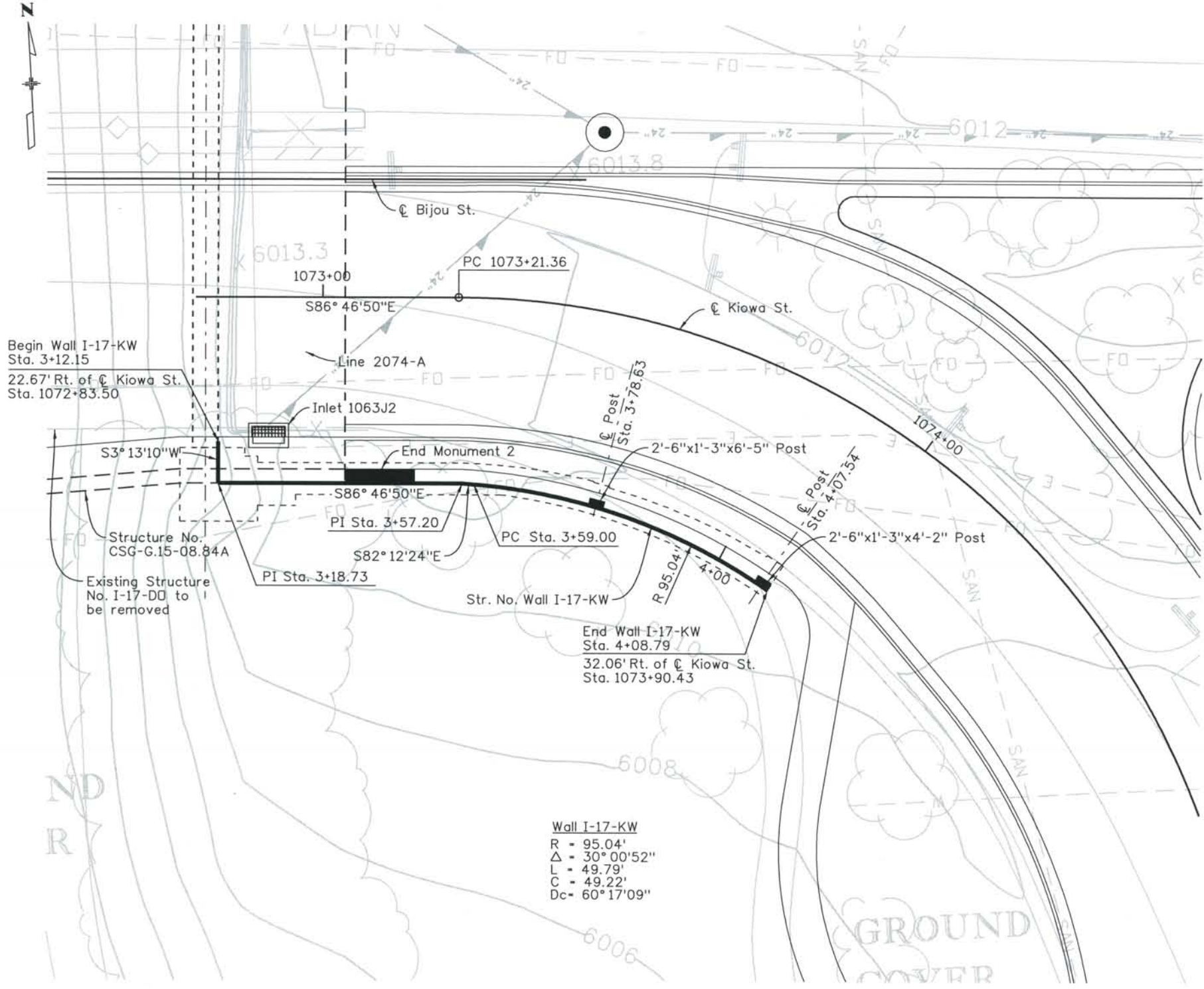
DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BIJE
END MONUMENT DETAILS
2 OF 2

File Name	DS1-RWGP-BIJE06.DGN
Structure Number	WALL I-17-BIJE

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-RWBIJE6
Structure Sheet No.	RWBIJE6

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN
SPLASH ZONE: NONE

Wall I-17-KW
 R = 95.04'
 Δ = 30°00'52"
 L = 49.79'
 C = 49.22'
 Dc = 60°17'09"

GENERAL NOTES

- All concrete shall be Class D (Wall)
- All construction joints shall be thoroughly cleaned before fresh concrete is poured.
- All construction joints not shown on the Plans shall be approved by the Engineer.
- The Contractor is responsible for the stability of the structure during construction.
- Structure Excavation and Backfill, including over-excavation shall be according to the Geotechnical Report and Section 206 of the CDDT Standard Specification for Road and Bridge Construction.
- Grade 60 reinforcing steel is required.
- All reinforcing shall be epoxy coated. The following table gives the Class B lap splice length for epoxy coated reinforcing bars placed in accordance with subsection 602.06. These splice lengths shall be increased by 25% for bars spaced at less than 6" on center:

BAR SIZE:	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH:	1'-7"	2'-0"	2'-5"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

The above splice lengths shall be increased by 20% for 3 bar bundles and 33% for 4 bar bundles.

The above splice lengths may be reduced by 20% when 3" of clear cover exists and bar spacing is 6" or greater on center.

All splices shall be staggered unless shown otherwise.

- The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 1-800-922-1987 at least 2 days (not including the day of notification) prior to any excavation or other earthwork.
- All exposed concrete corners shall be chamfered 3/4".
- A colored structural concrete coating finish is required to one foot below finished grade. The color shall be equivalent to Federal Standard 595B Color No. 30313 (Beige).
- Expansion Joint Material shall meet AASHTO Specification M 213.

DESIGN DATA

AASHTO 3rd Edition LRFD, 2004.

Design Method: Load and Resistance Factor Design.

REINFORCED CONCRETE:

CLASS D CONCRETE: $f'_c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

See Geotechnical Report for Soil Parameters.

Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 11:16:47 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11 x 17 Units: US Survey Foot
 As-Built 327504.DS1 Bridge

ISSUE RECORD				
Designed By:	A.D.	NO.	DESCRIPTION	DATE
Detailed By:	J.B.R.	A	90% DESIGN SUBMITTAL	04/24/06
Checked By:	A.M.L.	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
		2	AS-BUILT PLANS SUBMITTAL	08/15/08



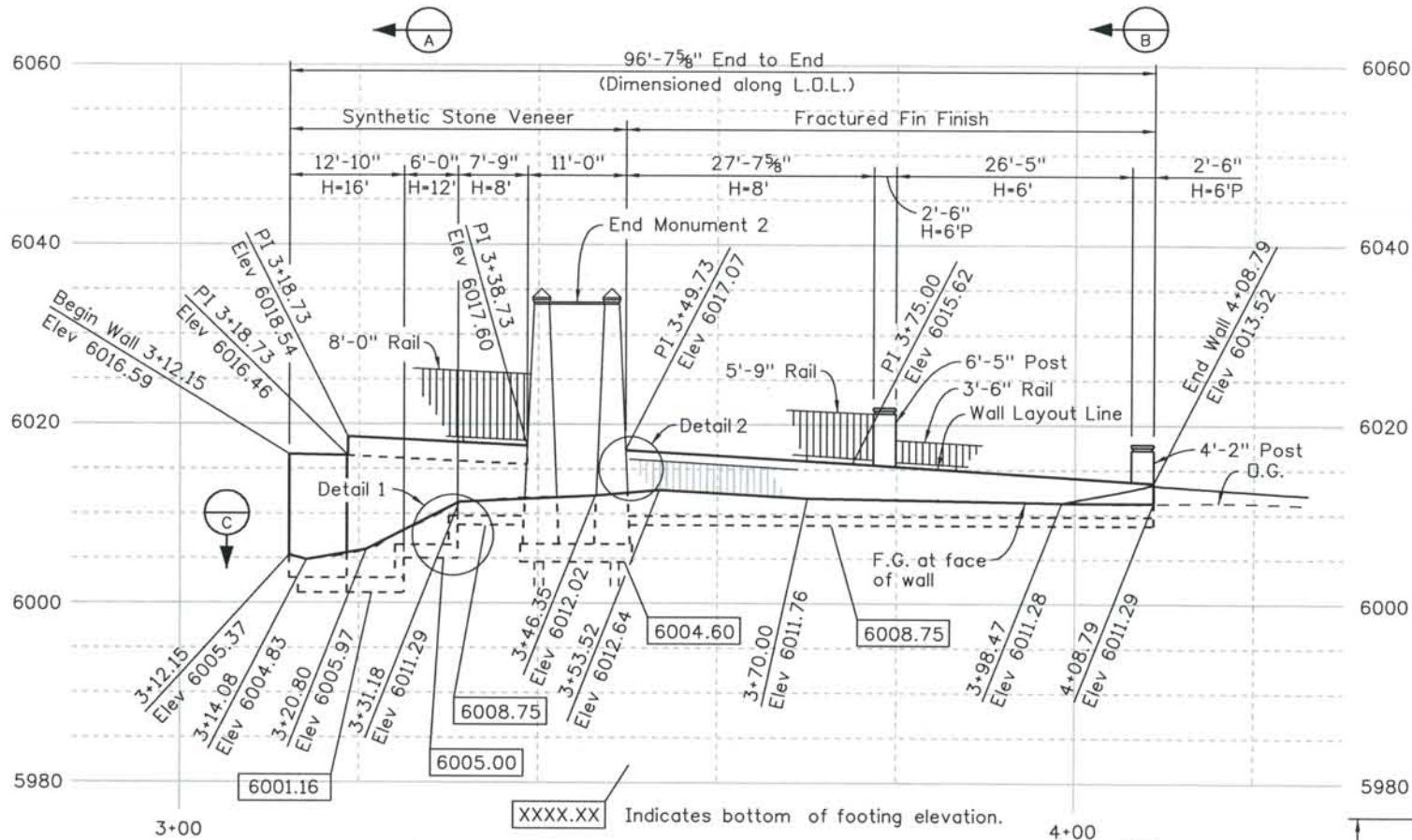
DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-KW
 PLAN

File Name	DS1-RWGP-KW01.DGN
Structure Number	WALL I-17-KW

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 AVA DORN
 COLORADO P.E. NO. 32545

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-RWKW1
Structure Sheet No.	RWKW1

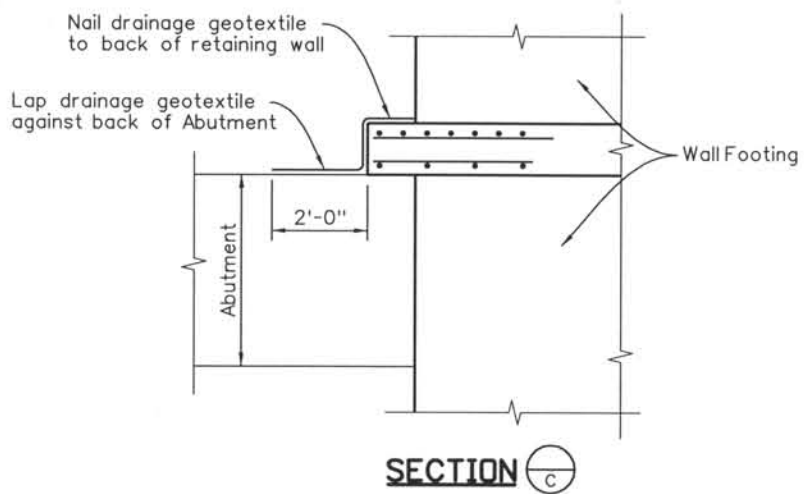
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



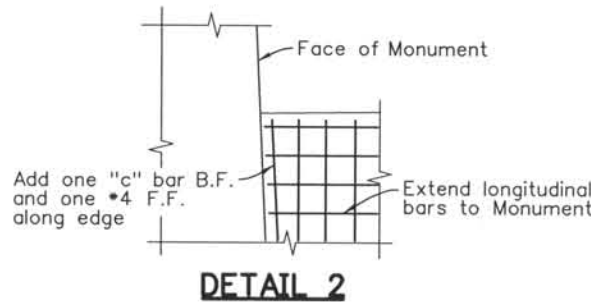
ELEVATION

Notes:

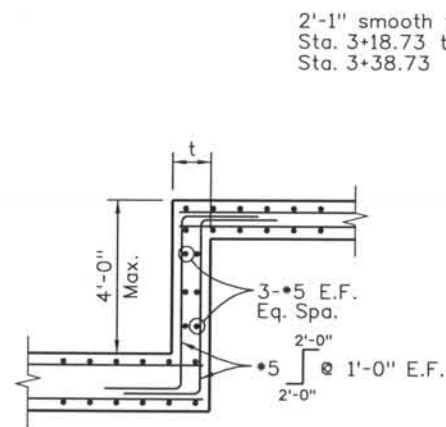
1. For End Monument 2 details, see "End Monument No. 2 Dimension" and "End Monument Reinforcing Details"
2. For Light locations, see sheet DS1-L053
3. For Light Anchor Bolt Details see sheet STD-BS27
4. For Rail Attachment Details, see sheets STD-BS26, STD-BS27, & STD-BS28.



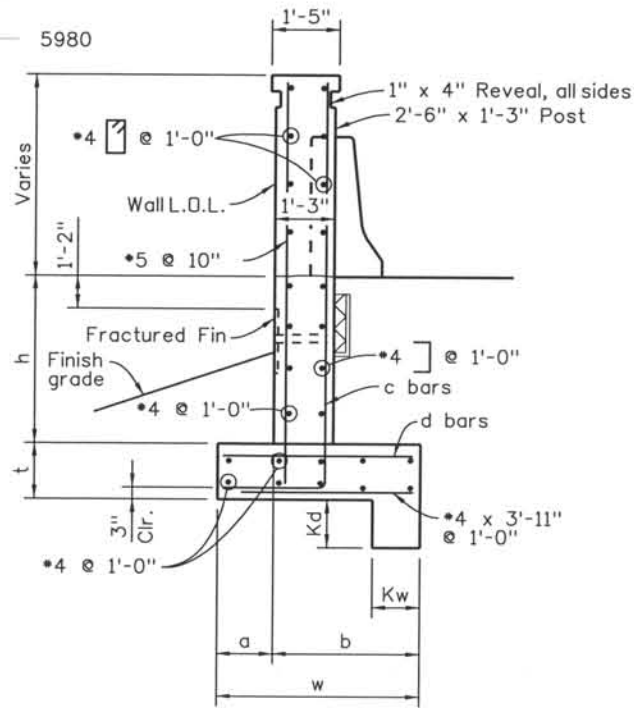
SECTION C



DETAIL 2

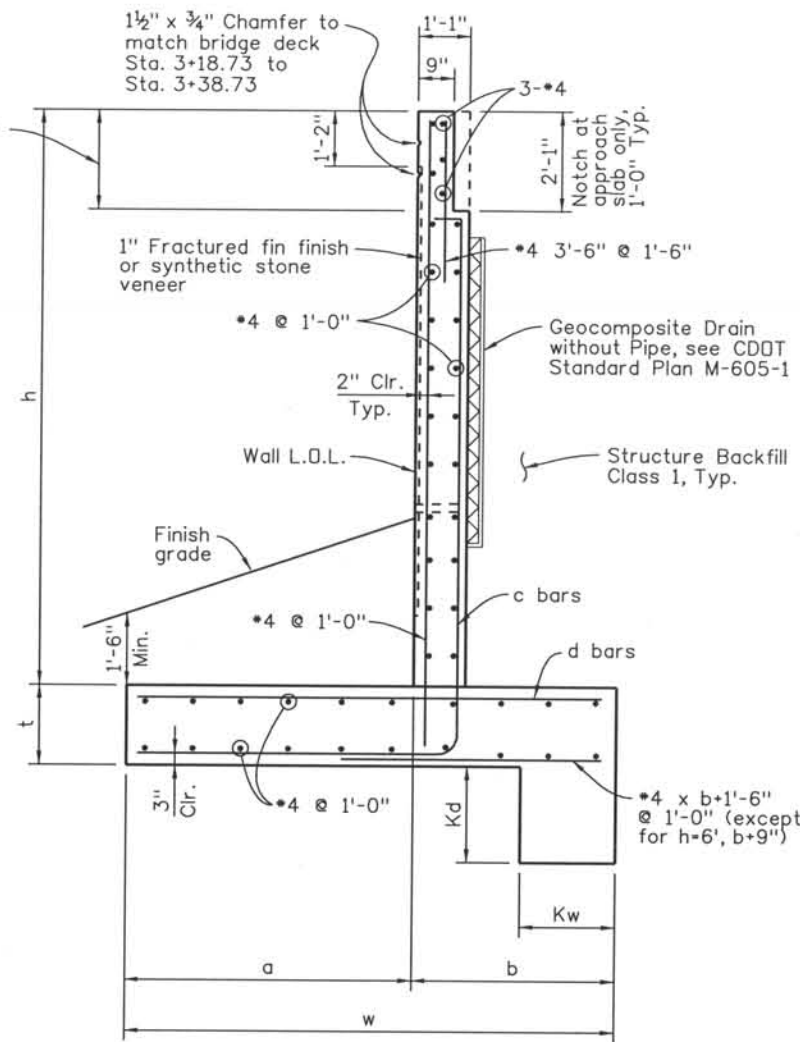


DETAIL 1



SECTION B

For H=6'P only



SECTION A

h	6'-0"	6'-0"P	8'-0"	12'-0"	16'-0"
a	1'-2"	1'-2"	1'-9"	3'-6"	6'-0"
b	2'-10"	3'-1"	3'-3"	3'-3"	4'-3"
w	4'-0"	4'-3"	5'-0"	7'-9"	10'-3"
t	1'-2"	1'-2"	1'-2"	1'-6"	1'-8"
c & d bars	*4 @ 6"	*4 @ 6"	*4 @ 6"	*6 @ 6"	*9 @ 6"
Kd	1'-0"	1'-0"	1'-6"	2'-0"	2'-0"
Kw	1'-0"	1'-0"	1'-0"	2'-0"	2'-0"

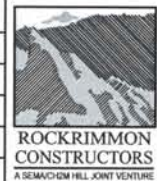
Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 11:16:51 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Units: US Survey Foot
 Scale: DScale

Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-KW
 ELEVATION

File Name: DS1-RWGP-KW02.DGN
 Structure Number: WALL I-17-KW

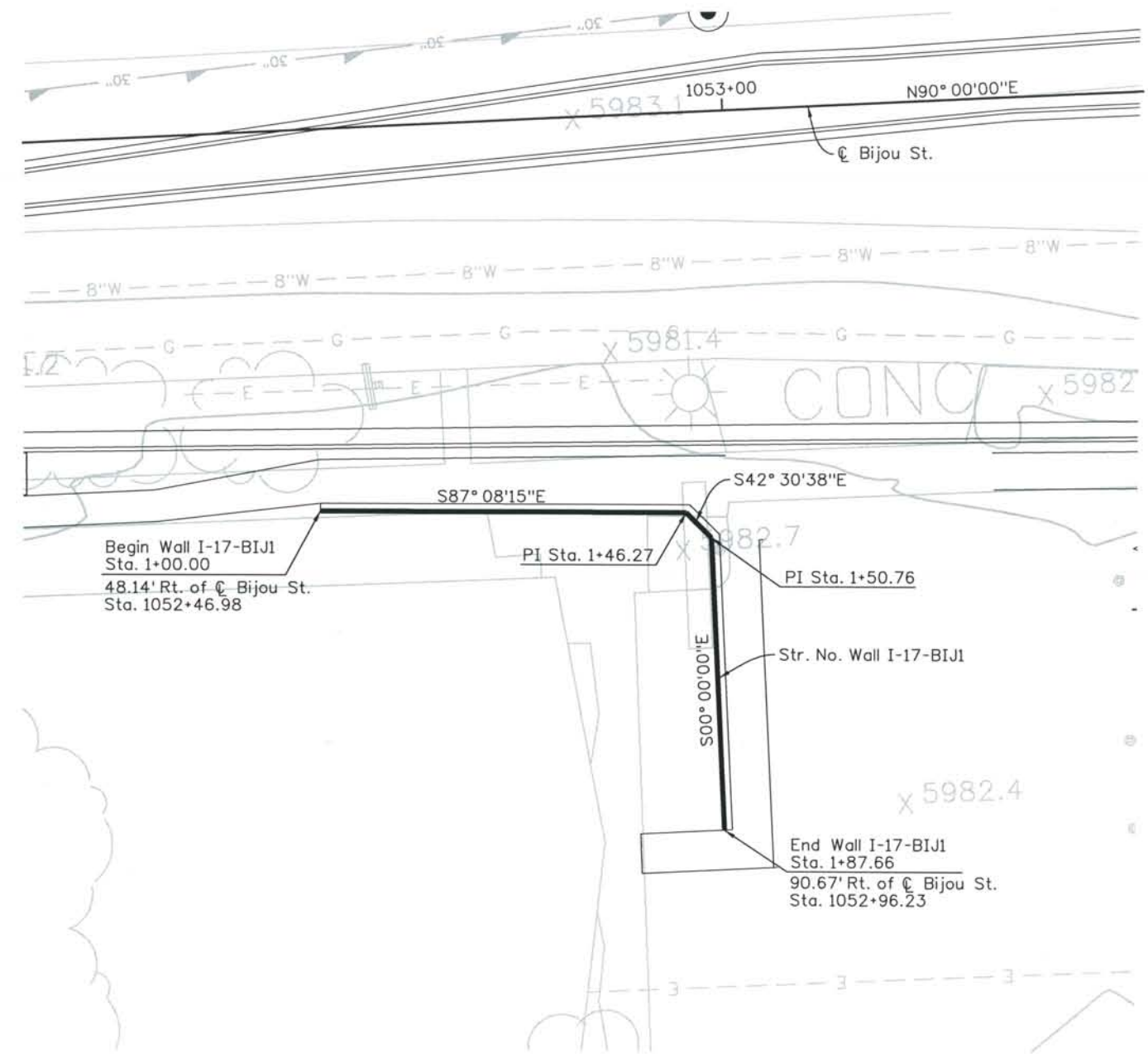
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWKW2
 Structure Sheet No.: RWKW2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:16:59 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17
 Units: US Survey Foot

327504.DS1 Bridge
 As-Built
 Units: US Survey Foot



PLAN

GENERAL NOTES

- All concrete shall be Class D (Wall)
 - All construction joints shall be thoroughly cleaned before fresh concrete is poured.
 - All construction joints not shown on the Plans shall be approved by the Engineer.
 - The Contractor is responsible for the stability of the structure during construction.
 - Structure Excavation and Backfill, including over-excavation shall be according to the Geotechnical Report and Section 206 of the CDDT Standard Specification for Road and Bridge Construction.
 - Grade 60 reinforcing steel is required.
 - All reinforcing shall be epoxy coated. The following table gives the Class B lap splice length for epoxy coated reinforcing bars placed in accordance with subsection 602.06. These splice lengths shall be increased by 25% for bars spaced at less than 6" on center.:
- | BAR SIZE: | *4 | *5 | *6 | *7 | *8 | *9 | *10 | *11 |
|----------------|-------|-------|-------|--------|-------|-------|--------|-------|
| SPLICE LENGTH: | 1'-7" | 2'-0" | 2'-5" | 2'-10" | 3'-8" | 4'-8" | 5'-11" | 7'-3" |
- The above splice lengths shall be increased by 20% for 3 bar bundles and 33% for 4 bar bundles.
- The above splice lengths may be reduced by 20% when 3" of clear cover exists and bar spacing is 6" or greater on center.
- All splices shall be staggered unless shown otherwise.
- The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 1-800-922-1987 at least 2 days (not including the day of notification) prior to any excavation or other earthwork.
 - All exposed concrete corners shall be chamfered 3/4".
 - A colored structural concrete coating finish is required to one foot below finished grade. The color shall be equivalent to Federal Standard 595B Color No. 30313 (Beige). Steel handrail and anchor plate shall be painted Federal Standard 595B Color No. 34108 (Dark Green).
 - Expansion Joint Material shall meet AASHTO Specification M 213.
 - Curb joint shall be tooled with sidewalk.
 - Handrail and Block wall design, materials, and construction methods shall be per the Contract. Contractor shall submit design calculations and shop drawings for Approval by the Engineer prior to fabrication and/or construction.

DESIGN DATA

AASHTO 3rd Edition LRFD, 2004.
 Design Method: Load and Resistance Factor Design.

REINFORCED CONCRETE:
 CLASS D CONCRETE: $f'_c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

See Geotechnical Report for Soil Parameters.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC NO. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

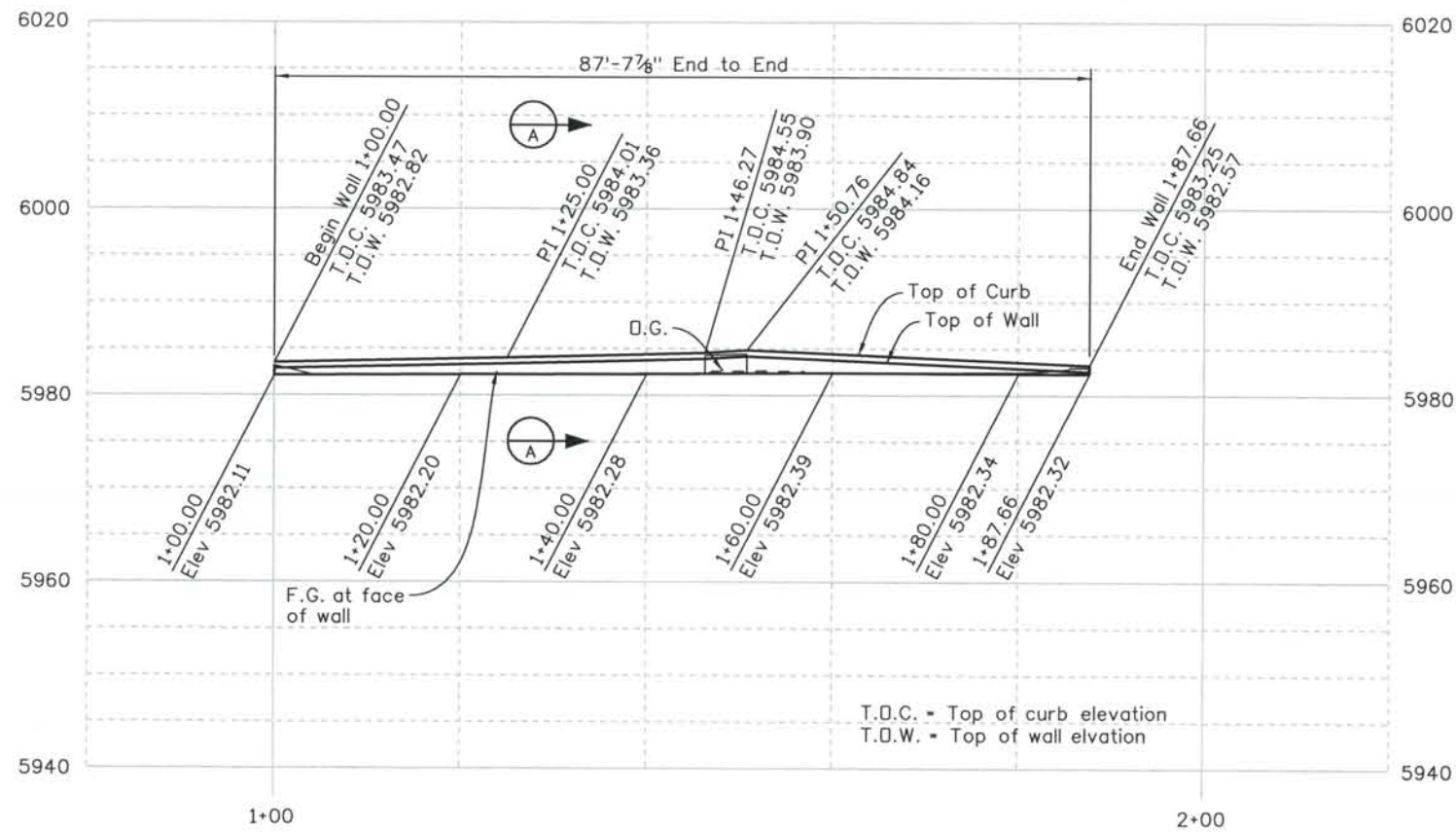


DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BIJ1
PLAN

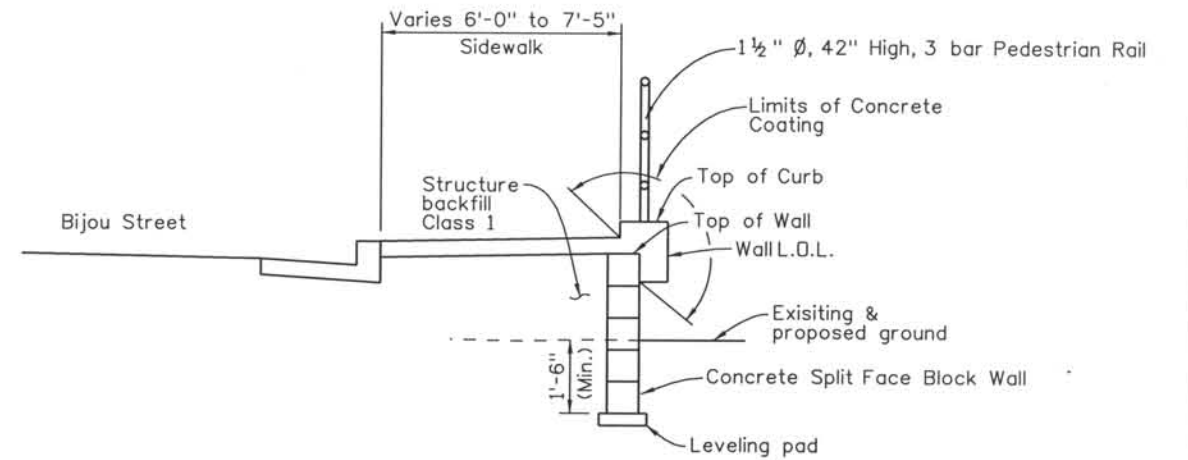
File Name: DS1-RWGP-BIJ101.DGN	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: WALL I-17-BIJ1	Project Dwg. No.: DS1-RWBIJ1-1
	Structure Sheet No.: RWBIJ1-1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

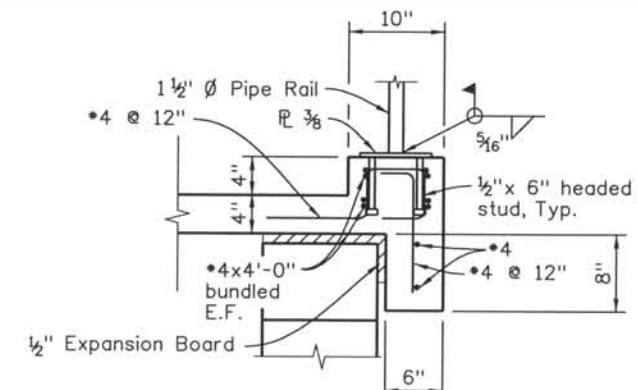
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



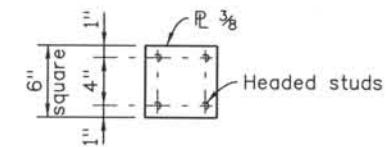
ELEVATION



SECTION A



DETAIL 1

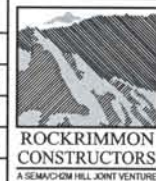


PLAN

Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 11:17:03 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 10 at 11x17
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC NO. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

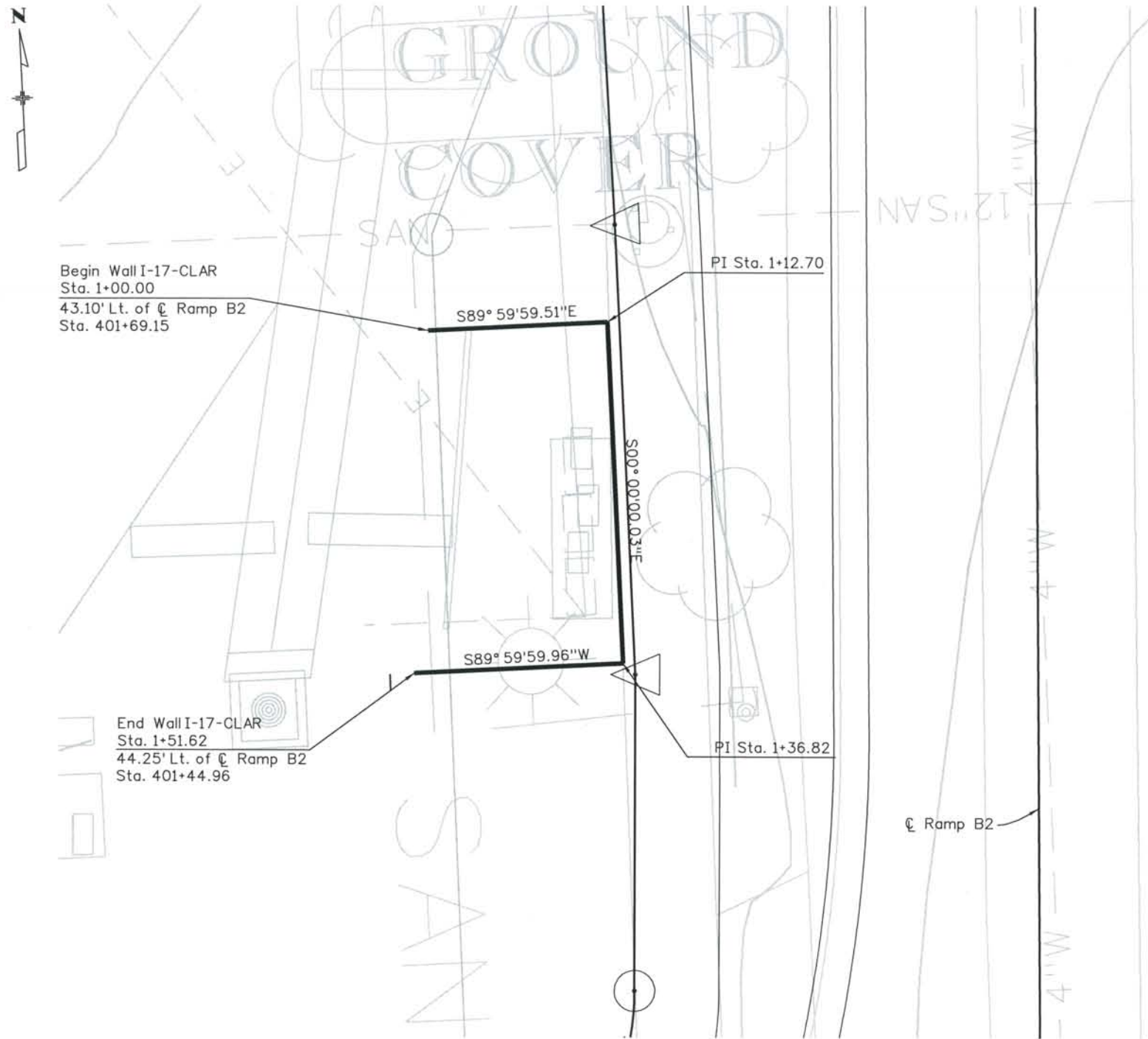


DESIGN SEGMENT 1
STRUCTURE NO. WALL I-17-BIJ1
ELEVATION

File Name: DS1-RWGP-BIJ102.DGN
 Structure Number: WALL I-17-BIJ1

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBIJ1-2
 Structure Sheet No.: RWBIJ1-2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310



PLAN

GENERAL NOTES

- All concrete shall be Class D (Wall)
- All construction joints shall be thoroughly cleaned before fresh concrete is poured.
- All construction joints not shown on the Plans shall be approved by the Engineer.
- The Contractor is responsible for the stability of the structure during construction.
- Structure Excavation and Backfill, including over-excavation shall be according to the Geotechnical Report and Section 206 of the CDDT Standard Specification for Road and Bridge Construction.
- Grade 60 reinforcing steels required.
- All reinforcing shall be epoxy coated. The following table gives the Class B lap splice length for epoxy coated reinforcing bars placed in accordance with subsection 602.06. These splice lengths shall be increased by 25% for bars spaced at less than 6" on center.:

BAR SIZE:	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH:	1'-7"	2'-0"	2'-5"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

The above splice lengths shall be increased by 20% for 3 bar bundles and 33% for 4 bar bundles.
 The above splice lengths may be reduced by 20% when 3" of clear cover exists and bar spacing is 6" or greater on center.

All splices shall be staggered unless shown otherwise.

- The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 1-800-922-1987 at least 2 days (not including the day of notification) prior to any excavation or other earthwork.
- All exposed concrete corners shall be chamfered 3/4".
- A colored structural concrete coating finish is required to one foot below finished grade. The color shall be equivalent to Federal Standard 595B Color No. 30313 (Beige). Steel handrail and anchor plate shall be painted Federal Standard 595B Color No. 34108 (Dark Green).
- Expansion Joint Material shall meet AASHTO Specification M 213.
- Curb joint shall be tooled with sidewalk.
- Handrail and Block wall design, materials, and construction methods shall be per the Contract. Contractor shall submit design calculations and shop drawings for Approval by the Engineer prior to fabrication and/or construction.

DESIGN DATA

AASHTO 3rd Edition LRFD, 2004.
 Design Method: Load and Resistance Factor Design.

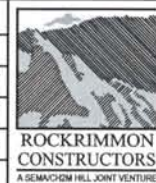
REINFORCED CONCRETE:

CLASS D CONCRETE: $f'_c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

See Geotechnical Report for Soil Parameters.

DESIGN SEGMENT 1
 STRUCTURE NO. WALL I-17-CLAR
 PLAN

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC NO. 27	04/03/07
2	APPROVED FOR CONSTRUCTION NDC NO. 28	04/25/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



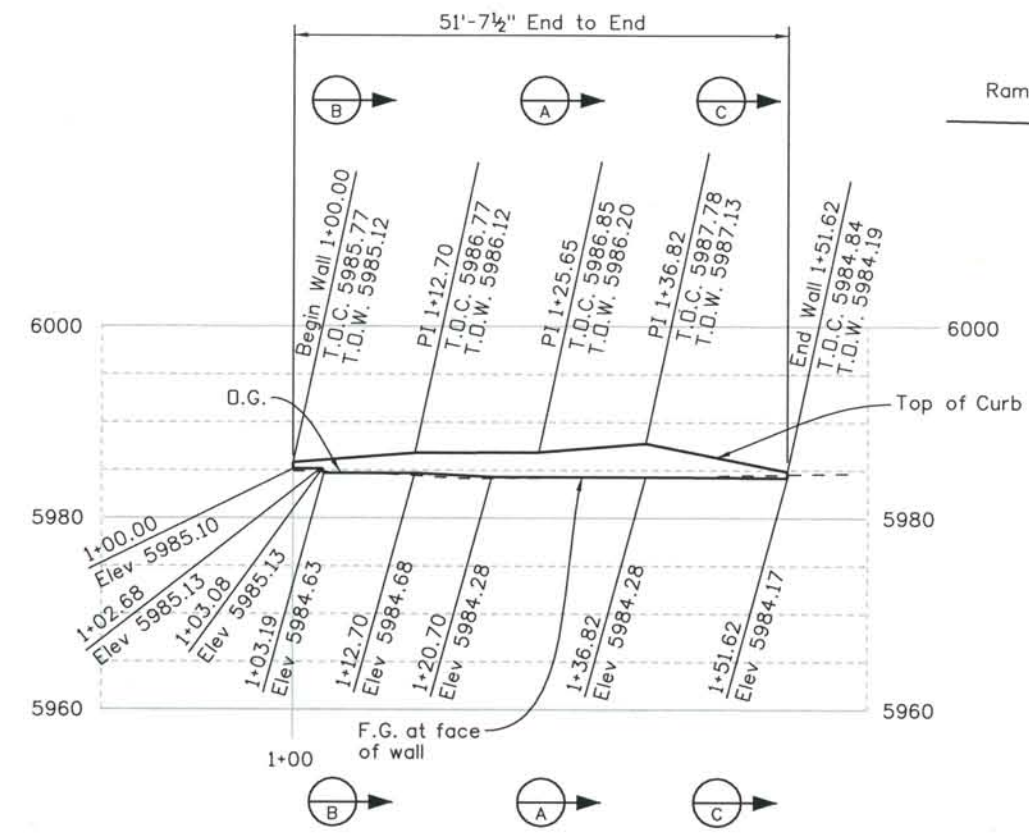
File Name: DS1-RWGP-CLAR01.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: WALL I-17-CLAR	Project Dwg. No.: DS1-RWCLAR-1
	Structure Sheet No.: RWCLAR-1

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

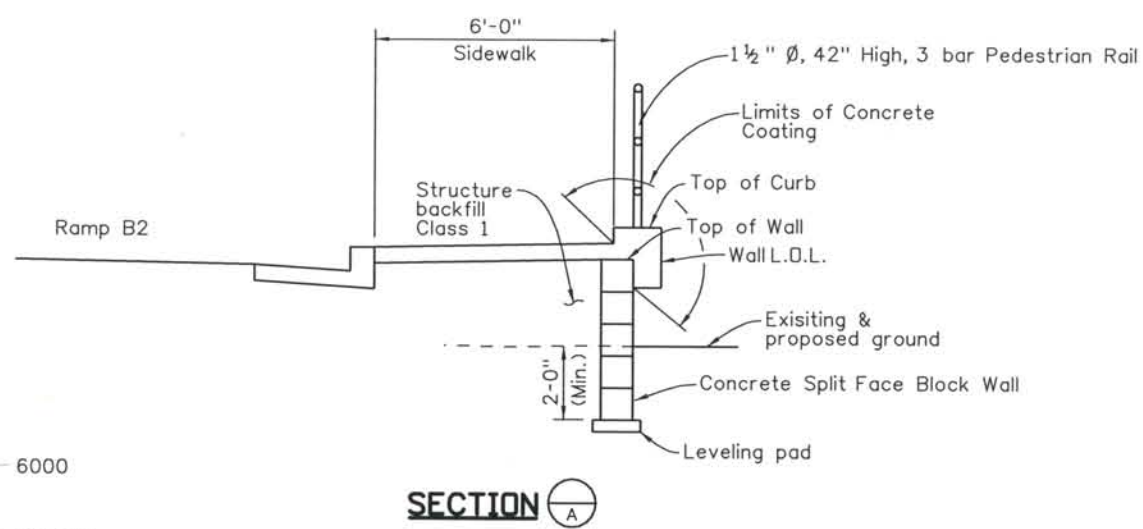
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMOTT

Computer File Information

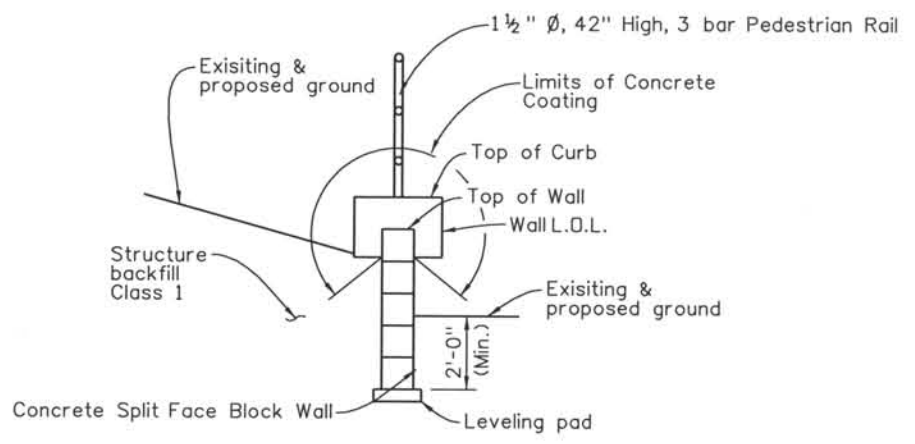
Date Plotted: 9/4/2008
 Time Plotted: 11:17:15 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17
 Units: US Survey Foot



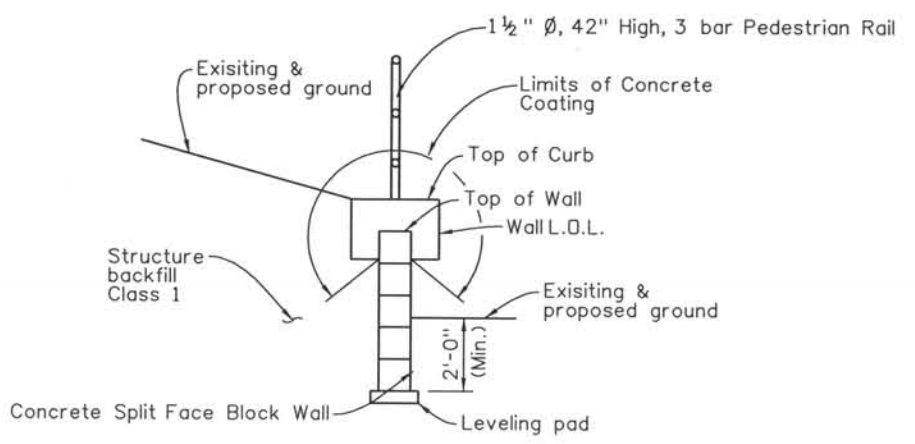
ELEVATION
 T.O.C. = Top of curb elevation
 T.O.W. = Top of wall elevation



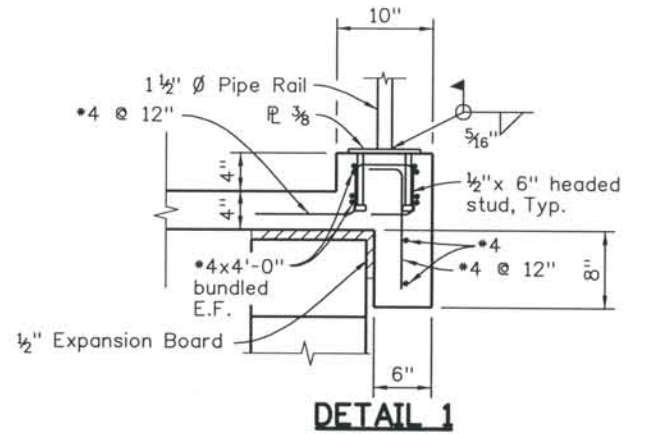
SECTION A



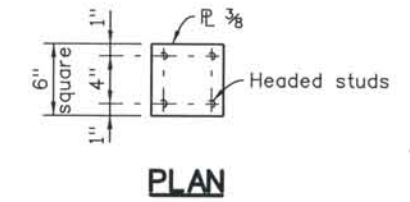
SECTION B



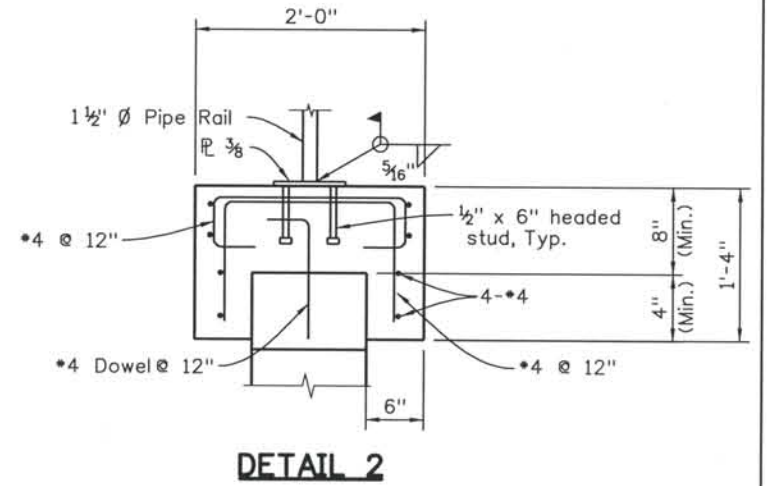
SECTION C



DETAIL 1



PLAN



DETAIL 2

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC NO. 27	04/03/07
2	APPROVED FOR CONSTRUCTION NDC NO. 28	04/25/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



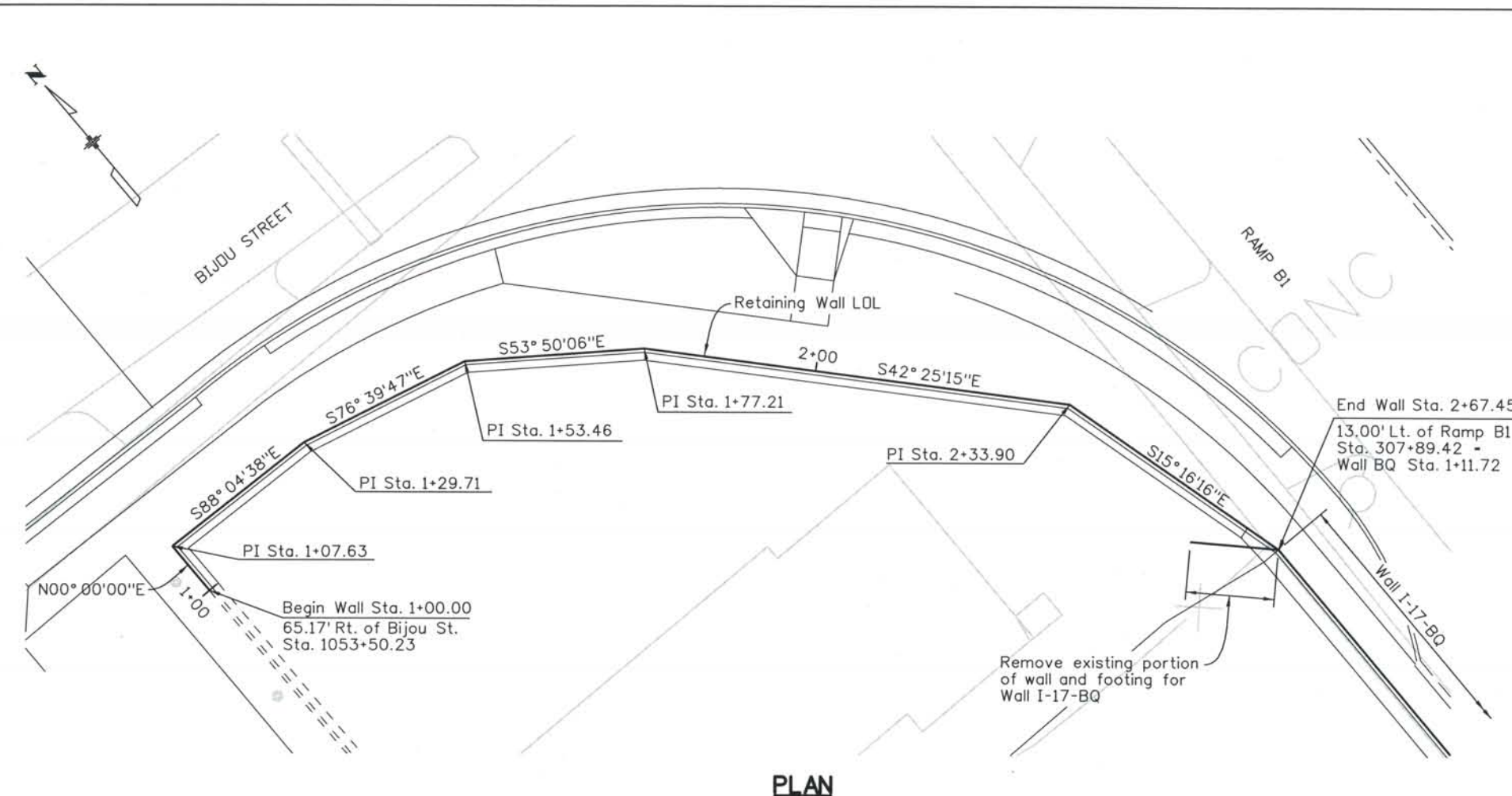
DESIGN SEGMENT 1
STRUCTURE NO. I-17-CLAR
ELEVATION

File Name: DS1-RWGP-CLAR02.dgn
 Structure Number: WALL I-17-CLAR

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWCLAR-2
 Structure Sheet No.: RWCLAR-2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

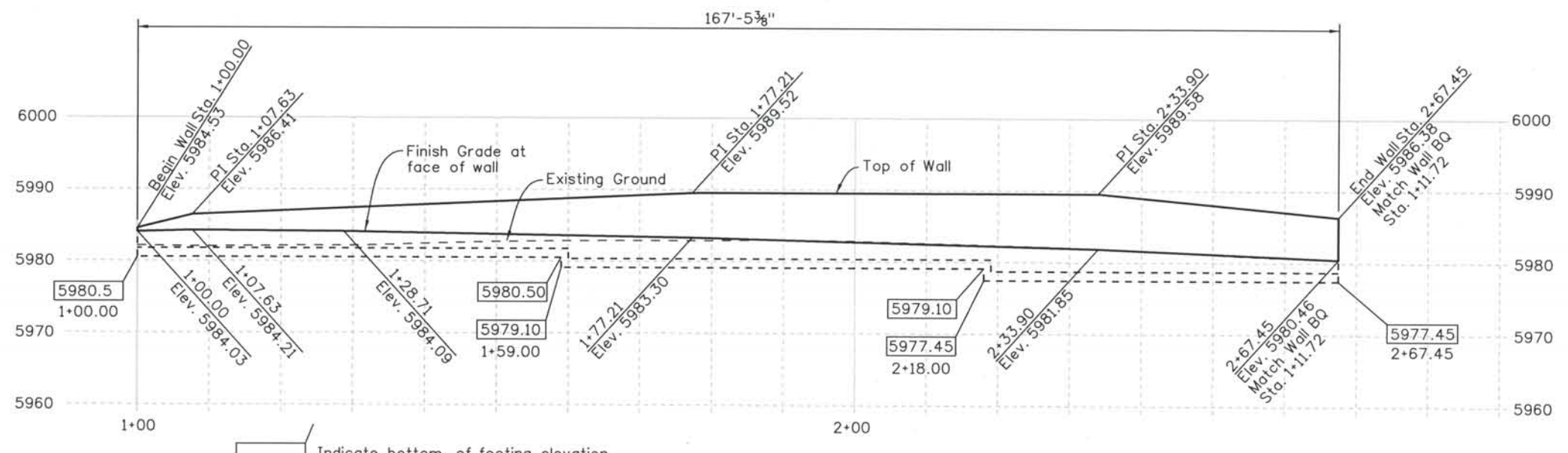
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMOTT



GENERAL NOTES

- All concrete shall be Class D (Wall)
 - All construction joints shall be thoroughly cleaned before fresh concrete is poured.
 - All construction joints not shown on the Plans shall be approved by the Engineer.
 - The Contractor is responsible for the stability of the structure during construction.
 - Structure Excavation and Backfill, including over-excavation shall be according to the Geotechnical Report and Section 206 of the CDDT Standard Specification for Road and Bridge Construction.
 - Grade 60 reinforcing steels is required.
 - All reinforcing shall be epoxy coated. The following table gives the Class B lap splice length for epoxy coated reinforcing bars placed in accordance with subsection 602.06. These splice lengths shall be increased by 25% for bars spaced at less than 6" on center.:
- | BAR SIZE: | *4 | *5 | *6 | *7 | *8 | *9 | *10 | *11 |
|----------------|-------|-------|-------|--------|-------|-------|--------|-------|
| SPLICE LENGTH: | 1'-7" | 2'-0" | 2'-5" | 2'-10" | 3'-8" | 4'-8" | 5'-11" | 7'-3" |
- The above splice lengths shall be increased by 20% for 3 bar bundles and 33% for 4 bar bundles.
- The above splice lengths may be reduced by 20% when 3" of clear cover exists and bar spacing is 6" or greater on center.
- All splices shall be staggered unless shown otherwise.
- The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 1-800-922-1987 at least 2 days (not including the day of notification) prior to any excavation or other earthwork.
 - All exposed concrete corners shall be chamfered 3/4".
 - A colored structural concrete coating finish is required to one foot below finished grade. The color shall be equivalent to Federal Standard 595B Color No. 30313 (Beige).
 - Expansion Joint Material shall meet AASHTO Specification M 213.

PLAN



ELEVATION

DESIGN DATA

AASHTO 3rd Edition LRFD, 2004.
 Design Method: Load and Resistance Factor Design.

REINFORCED CONCRETE:
 CLASS D CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi
 See Geotechnical Report for Soil Parameters.

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 12:31:22 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
2	AS-BUILT PLANS SUBMITTAL	08/15/08

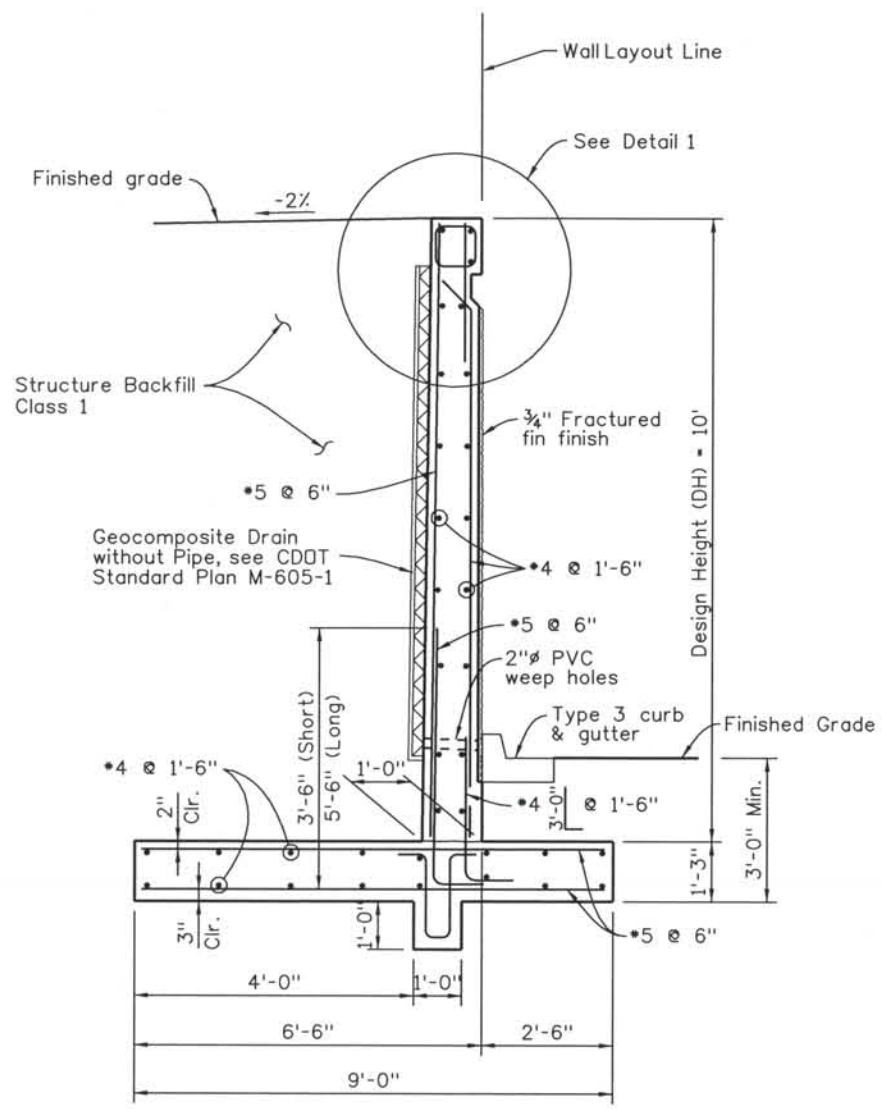


DESIGN SEGMENT 1
RETAINING WALL I-17-BQ EXTENSION
PLAN & ELEVATION
 (1 OF 2)

File Name: DS1-RWBQEXT01.DGN	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-BQ EXTENSION	Project Dwg. No.: DS1-RWBQEXT1
	Structure Sheet No.: 1 of 2

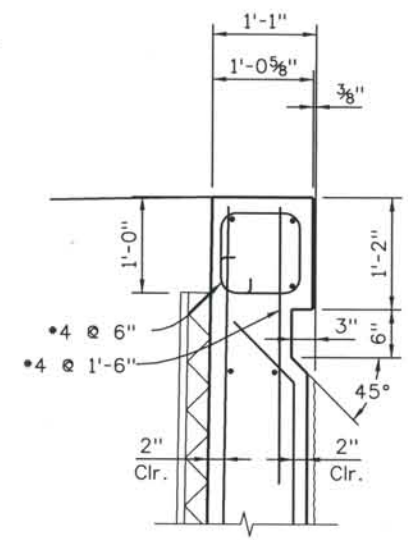
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY JOHN G. ROHNER, COLORADO P.E. NO. 37513

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMOTT

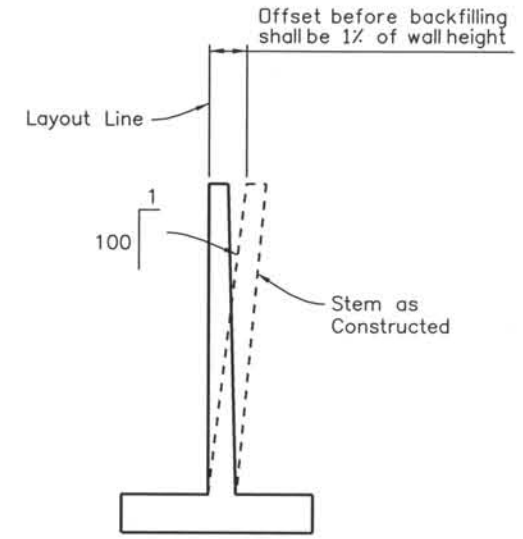


TYPICAL SECTION

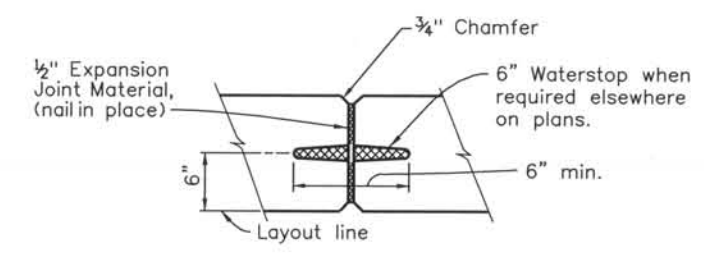
NOTE:
Minimum rebar lap length 2'-0"



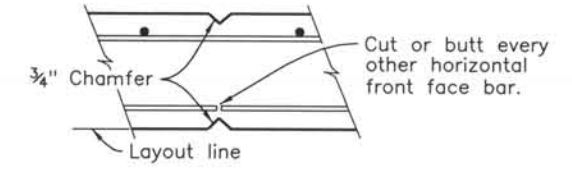
DETAIL 1



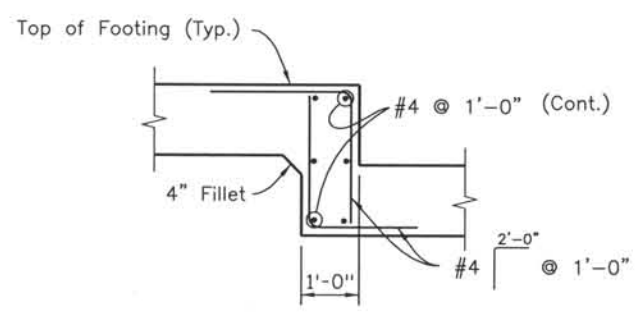
WALL OFFSET



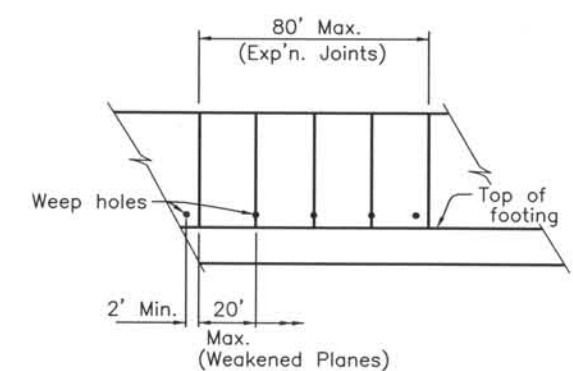
EXPANSION JOINT



WEAKENED PLANE
(@ 20'-0" Max.)



FOOTING STEP REINFORCING



WALL EXPANSION JOINTS AND WEAKENED PLANES
Do not extend joints through footing.

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 12:31:26 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17
 Units: US Survey Foot

327504.DS3 Walls
 As-Built

Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
2	AS-BUILT PLANS SUBMITTAL	08/15/08



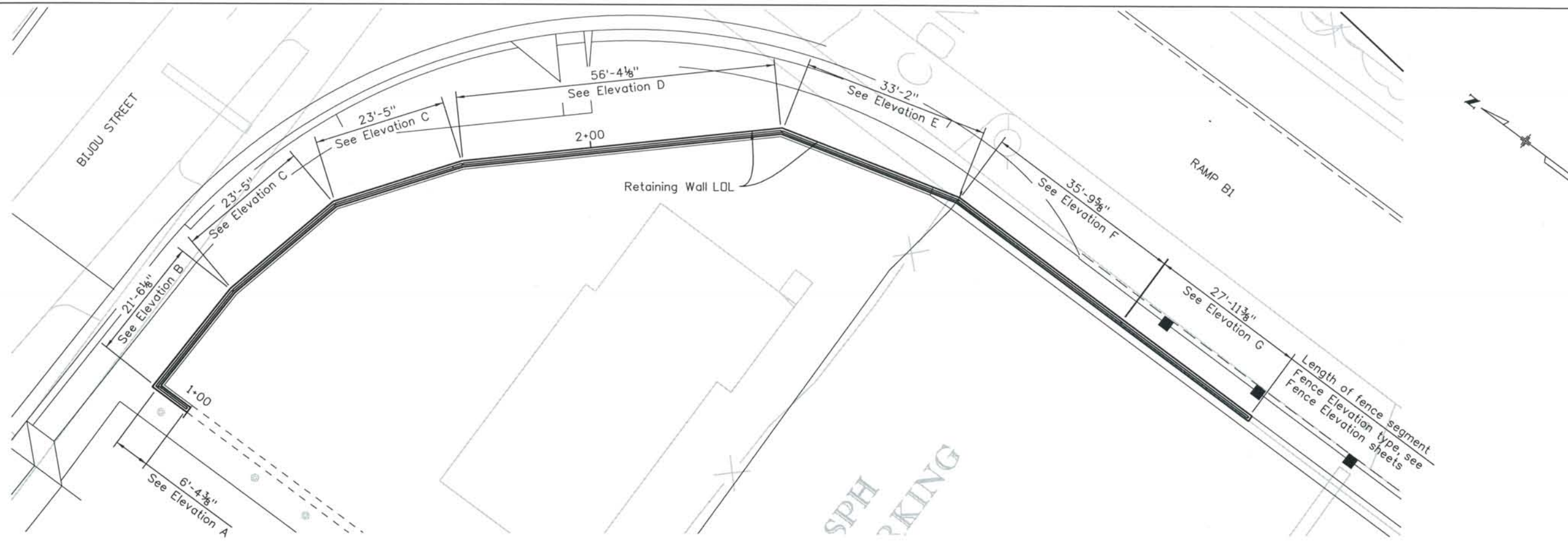
DESIGN SEGMENT 1
RETAINING WALL I-17-BQ EXTENSION
SECTIONS & DETAILS
(2 OF 2)

File Name: DS1-RWBQEXT02.DGN
 Structure Number: I-17-BQ EXTENSION
 Sheet No. 2 OF 2

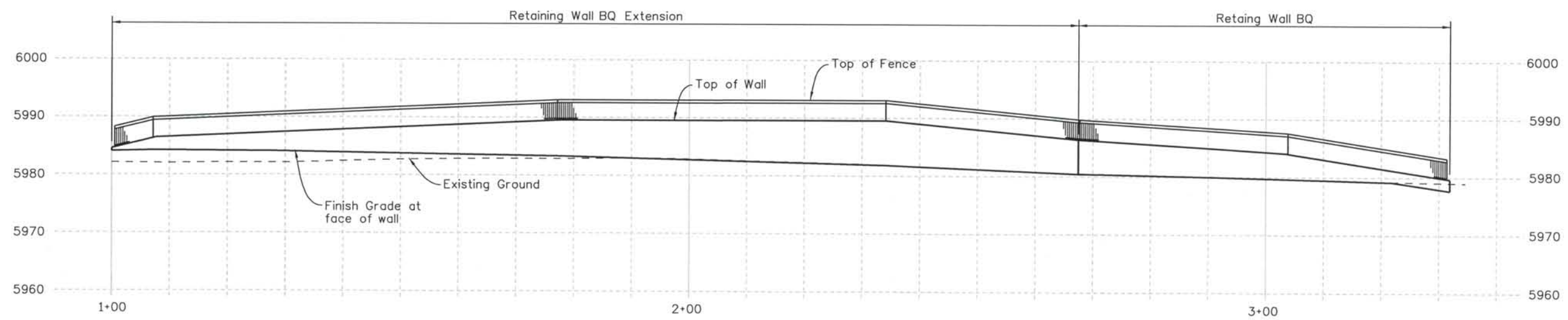
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-RWBQEXT2
 Structure Sheet No.: 2 OF 2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY JOHN G. ROHNER COLORADO P.E. NO. 37513

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN



ELEVATION

Computer File Information
Date Plotted: 9/4/2008
Time Plotted: 11:17:28 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Bridge
Units: US Survey Foot
Scale: DScale

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
2	AS-BUILT PLANS SUBMITTAL	08/15/08



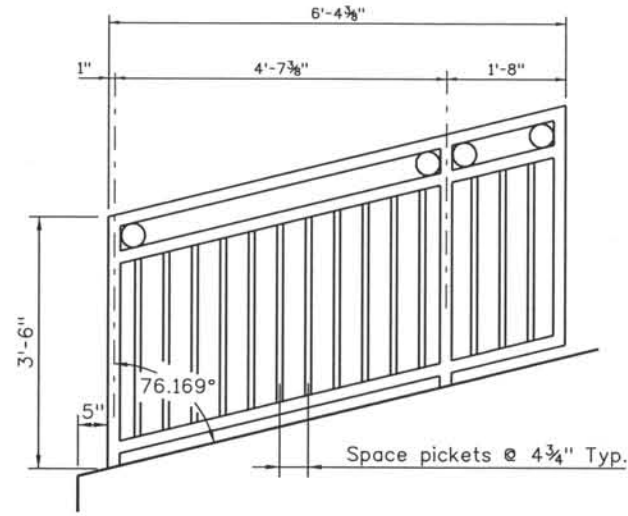
DESIGN SEGMENT 1
RETAINING WALLS BQ AND BQ EXTENSION
FENCE GENERAL LAYOUT

File Name: DS1-RWBQ-FENCE01.dgn
Structure Number:

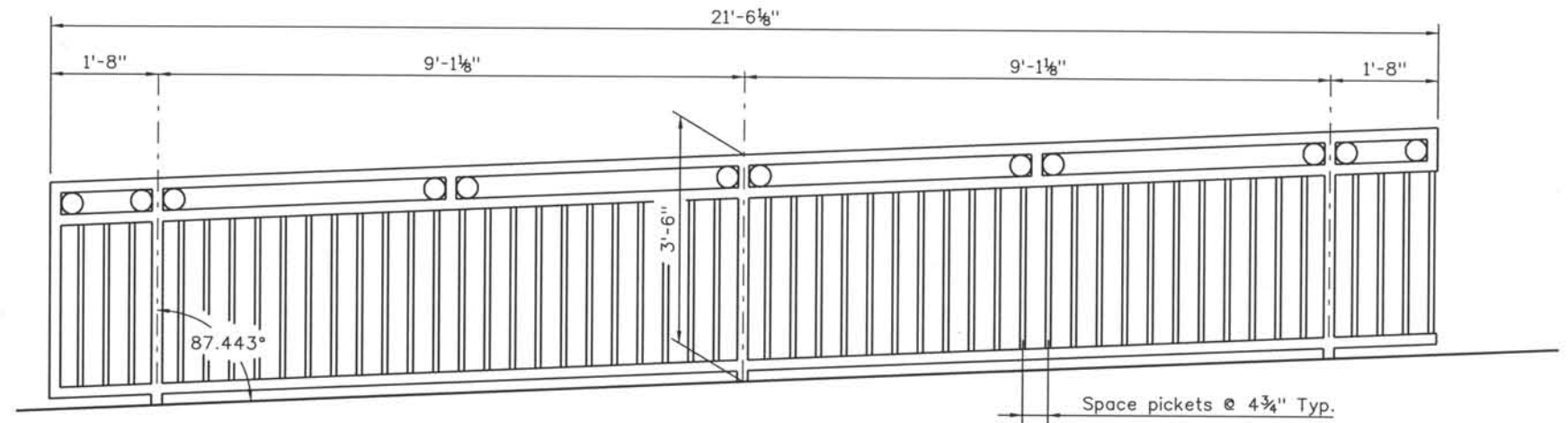
Project No./Code
IM 0252-370
S.A. 14740
Project Dwg. No. DS1-F1
Structure Sheet No. 1 of 5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

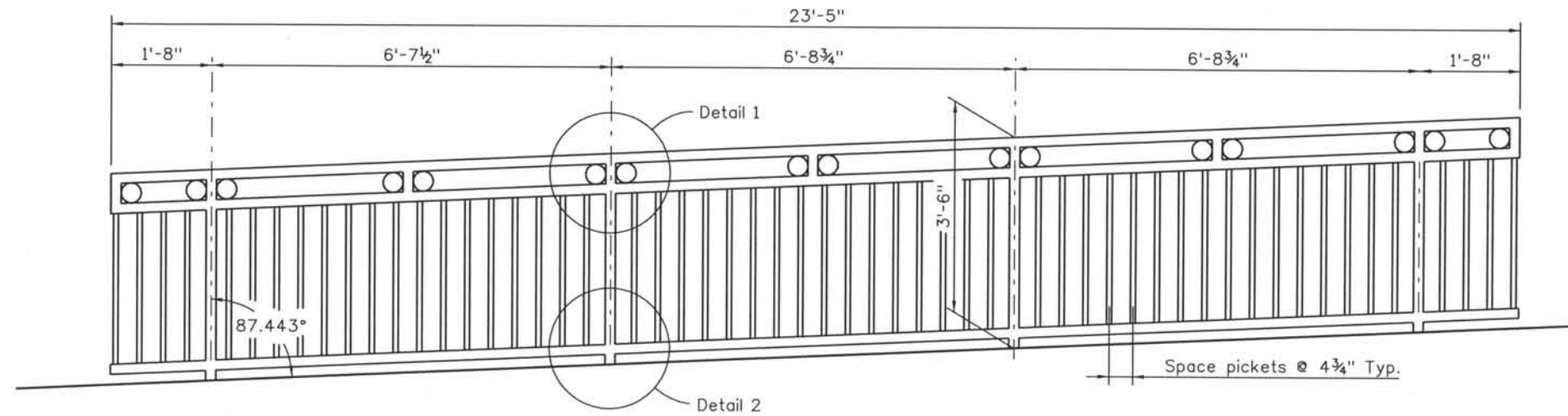
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ELEVATION A



ELEVATION B



ELEVATION C

NOTE:

1. Top and bottom of rail shall follow the longitudinal grade of the wall. Vertical elements are plumb to the world.
2. Field verify as constructed top of wall prior to rail fabrication.

Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 11:17:32 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Units: US Survey Foot
 Scale: DScale

ISSUE RECORD		
ND.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 RETAINING WALLS BQ AND BQ EXTENSION
 FENCE ELEVATIONS
 1 OF 4

File Name: DS1-RWBQ-FENCE02.dgn
Structure Number:

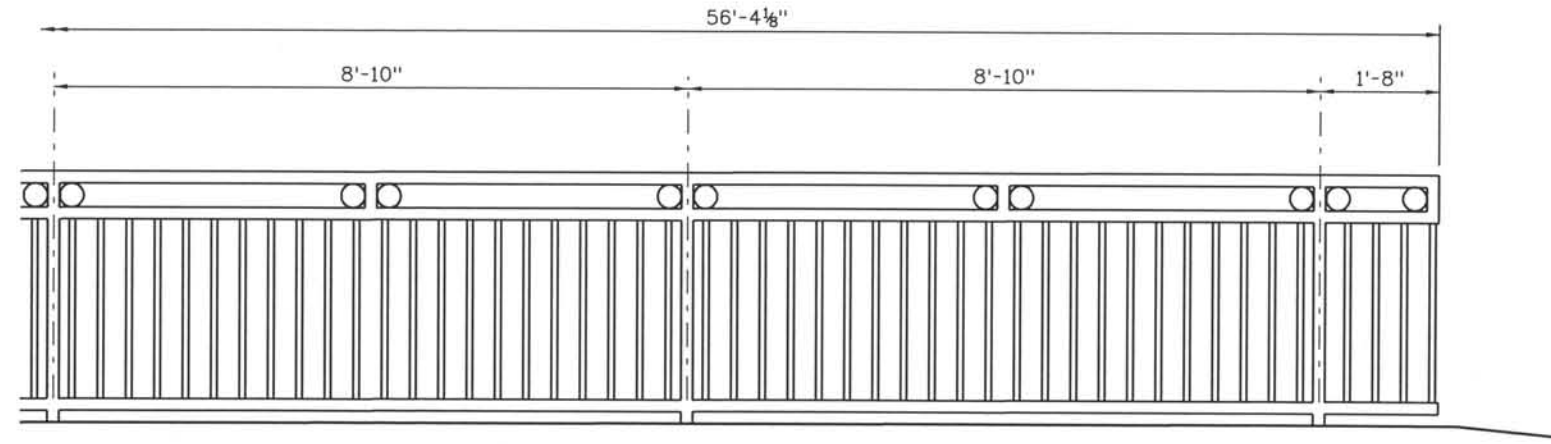
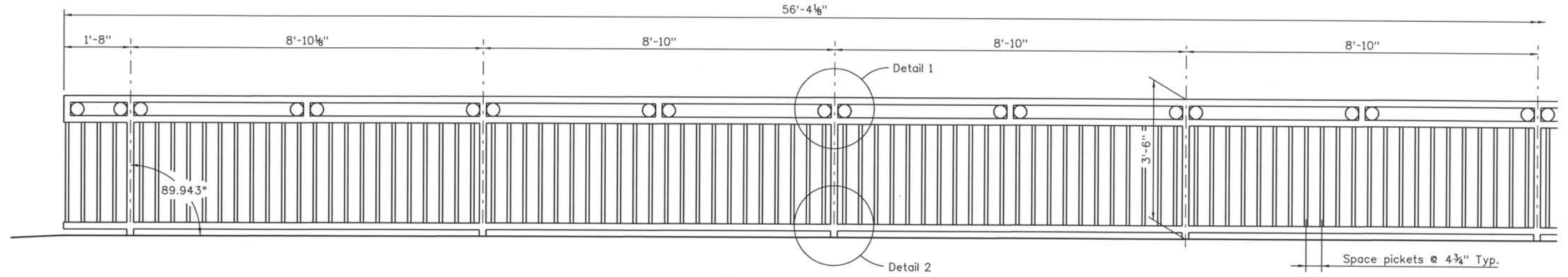
Project No./Code
IM 0252-370
S.A. 14740

Project Dwg. No. DS1-F2
Structure Sheet No. 2 of 5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:17:34 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: DScale
 Units: US Survey Foot
 327504.DS1 Bridge



ELEVATION D

- NOTE:
1. Top and bottom of rail shall follow the longitudinal grade of the wall. Vertical elements are plumb to the world.
 2. Field verify as constructed top of wall prior to rail fabrication.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
2	AS-BUILT PLANS SUBMITTAL	08/15/08



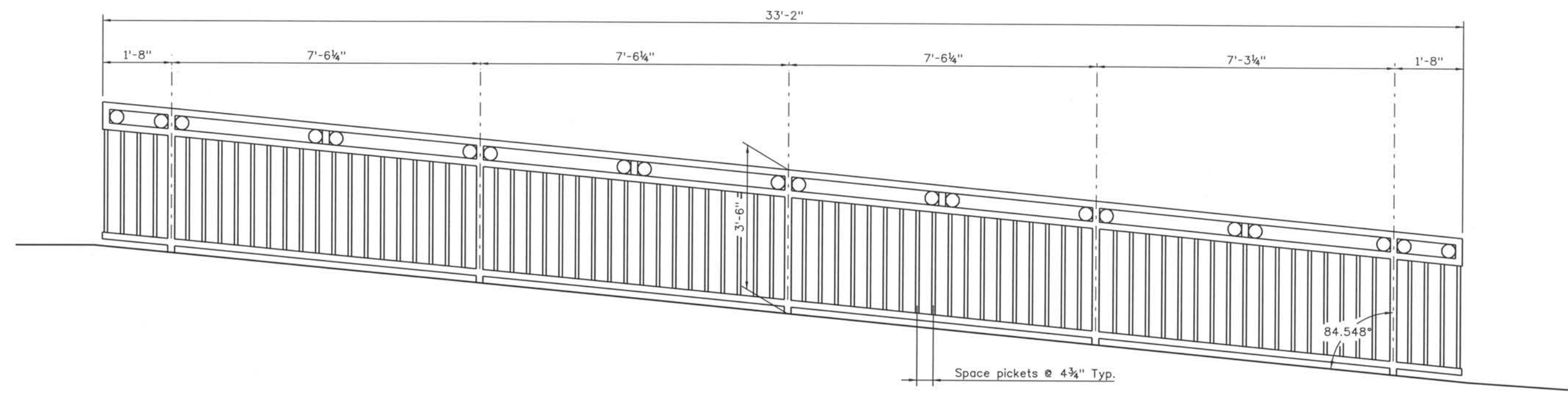
DESIGN SEGMENT 1
 RETAINING WALLS BQ AND BQ EXTENSION
 FENCE ELEVATIONS
 2 OF 4

File Name: DS1-RWBQ-FENCE03.dgn
Structure Number:

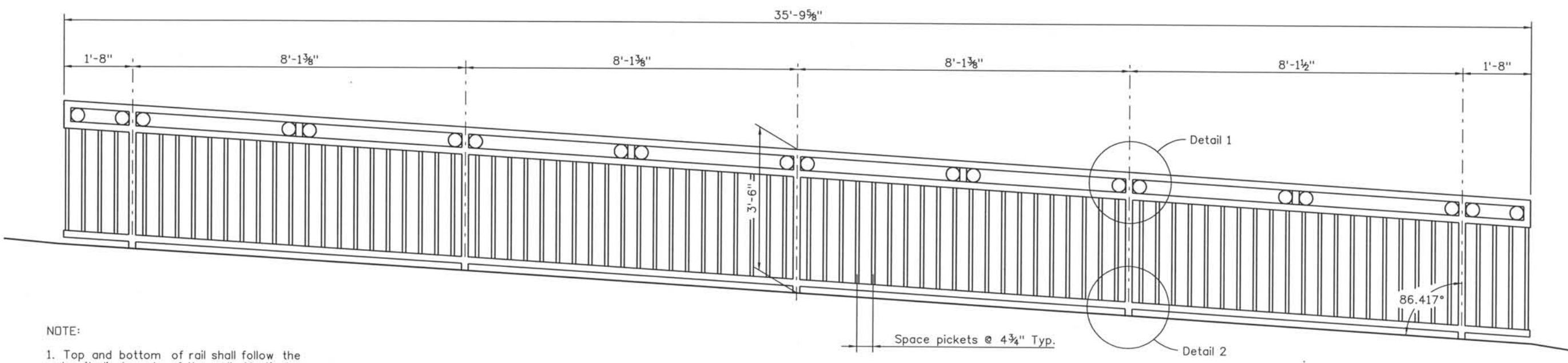
Project No./Code
IM 0252-370
S.A. 14740
Project Dwg. No. DS1-F3
Structure Sheet No. 3 of 5

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 RYAN C. ABRAHAM
 COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ELEVATION E



ELEVATION F

- NOTE:
1. Top and bottom of rail shall follow the longitudinal grade of the wall. Vertical elements are plumb to the world.
 2. Field verify as constructed top of wall prior to rail fabrication.

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:17:37 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Units: US Survey Foot
 Scale: DScale

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
2	AS-BUILT PLANS SUBMITTAL	08/15/08



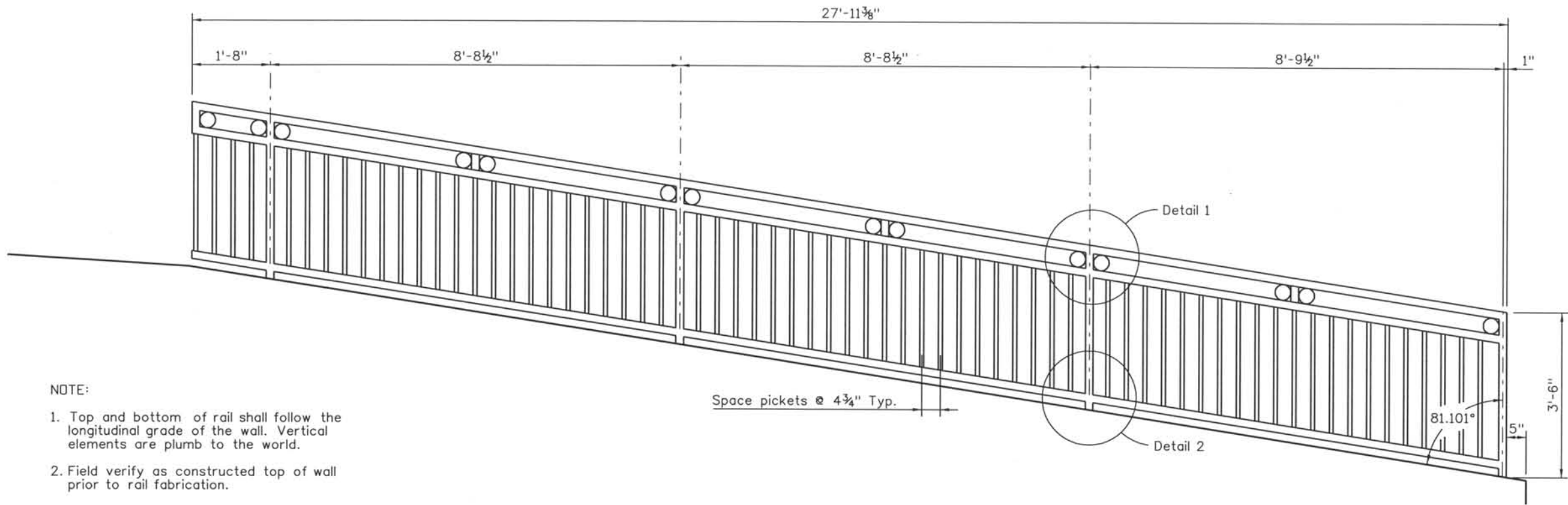
DESIGN SEGMENT 1
 RETAINING WALLS BQ AND BQ EXTENSION
 FENCE ELEVATIONS
 3 OF 4

File Name: DS1-RWBQ-FENCE04.dgn
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-F4
 Structure Sheet No. 4 of 5

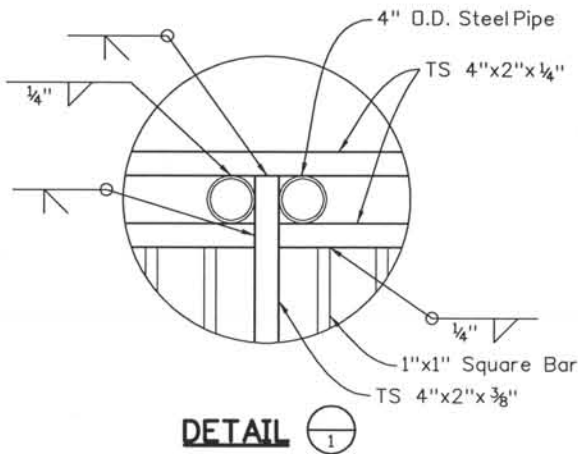
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

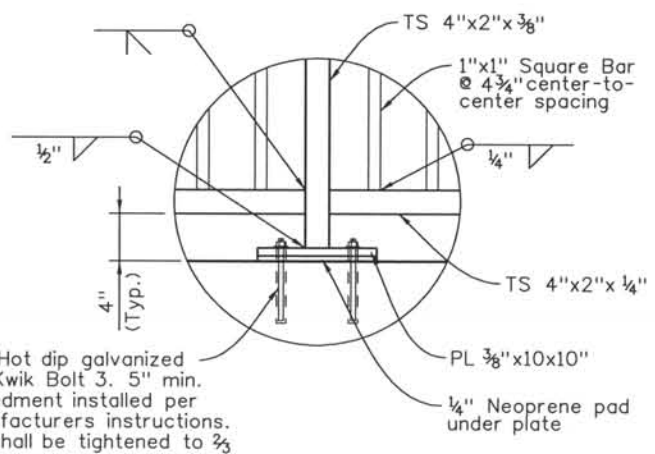


- NOTE:
1. Top and bottom of rail shall follow the longitudinal grade of the wall. Vertical elements are plumb to the world.
 2. Field verify as constructed top of wall prior to rail fabrication.

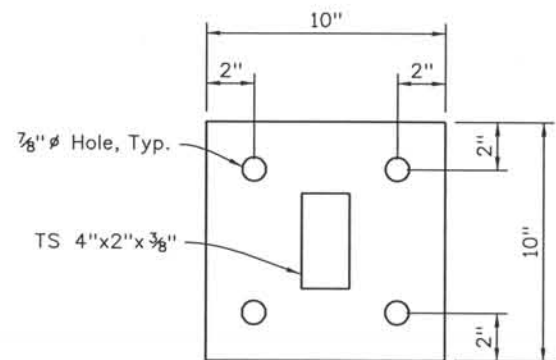
ELEVATION G



DETAIL 1



DETAIL 2



BASE PLATE DETAIL

- NOTE:
- The surface under the base plates shall be ground or grouted to be within 1/16\"/>

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:17:40 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
2	AS-BUILT PLANS SUBMITTAL	08/15/08



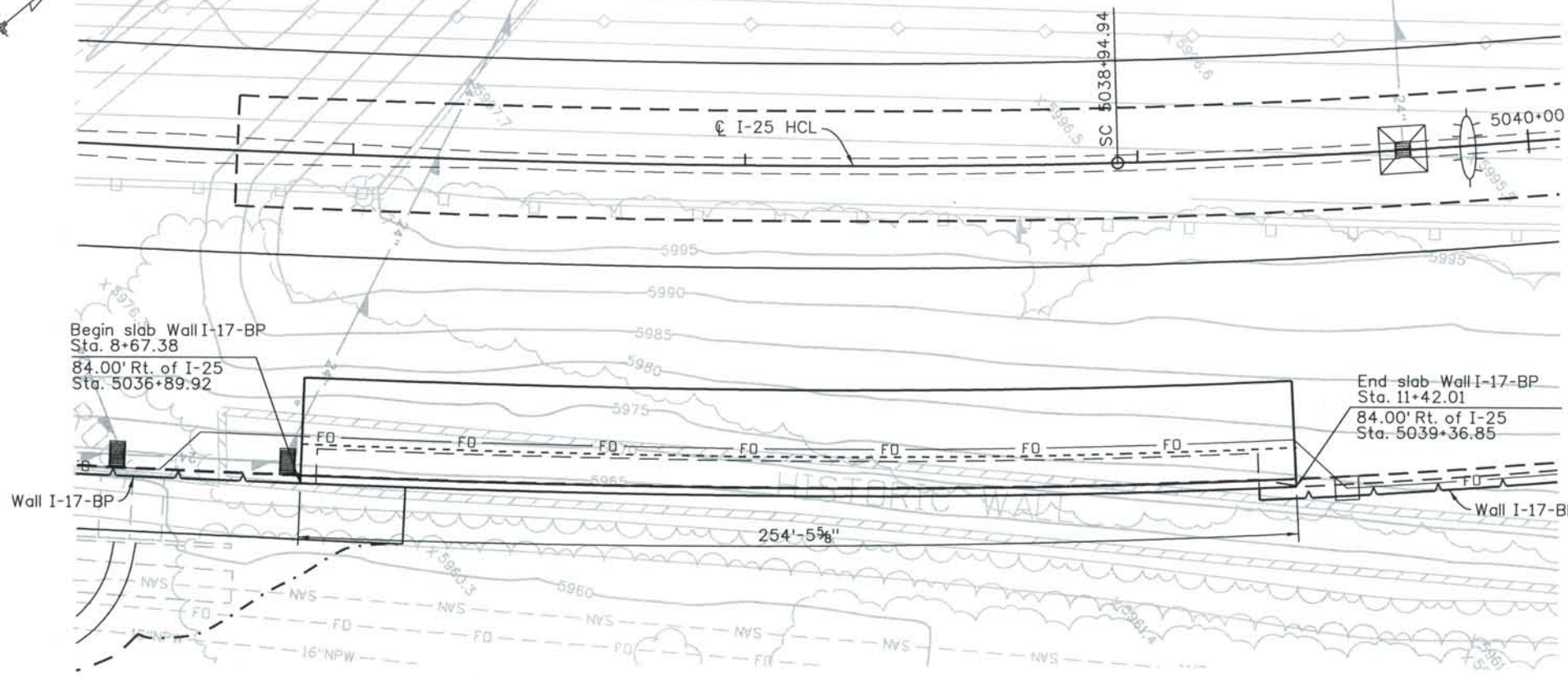
DESIGN SEGMENT 1
 RETAINING WALLS BQ AND BQ EXTENSION
 FENCE ELEVATION AND DETAILS
 4 OF 4

File Name: DSI-RWBQ-FENCE05.dgn
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-F5
 Structure Sheet No. 5 of 5

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 RYAN C. ABRAHAM
 COLORADO P.E. NO. 34310

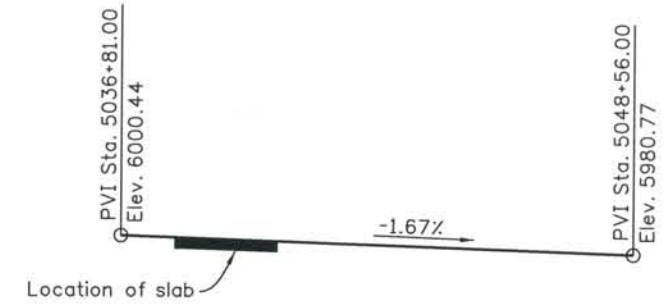
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN

I-25 CURVE DATA

CIRCULAR CURVE DATA	SPIRAL CURVE DATA
$\Delta = 40^\circ 57' 18.98''$	$\theta s1 = 4^\circ 46' 28.73''$
$\Delta c = 30^\circ 43' 25.98''$	$\theta s2 = 5^\circ 27' 24.27''$
$T = 576.94'$	$Ls1 = 350.00'$
$R = 2100.00'$	$Ls2 = 400.00'$
$L = 1126.09'$	$Lt1 = 233.42'$
$PI Sta = 5045+06.17$	$Lt2 = 266.79'$
	$St1 = 116.74'$
	$St2 = 133.45'$



I-25 PROFILE

SUPERELEVATION TABLE		
Station	Left	Right
5036+95.00	0.00%	0.00%
5039+30.00	-4.03%	+4.03%
5039+50.00	-4.36%	+4.36%
5040+00.00	-5.05%	+5.05%
5040+50.00	-5.55%	+5.55%
5041+00.00	-5.87%	+5.87%

GENERAL NOTES

A COLORED STRUCTURAL CONCRETE COATING FINISH WILL BE REQUIRED, AS SHOWN ON THE PLANS, ON EXPOSED CONCRETE SURFACES. THE COLOR SHALL BE EQUIVALENT TO FEDERAL STANDARD 595B COLORS NO. 30313 AND 30227, AND IS TO BE SELECTED FROM TEST PANELS PROVIDED BY THE CONTRACTOR.

THE FINAL FINISH FOR THE SURFACES TO RECEIVE A CONCRETE STAIN SHALL BE CLASS 2. ALL OTHER EXPOSED CONCRETE SURFACES SHALL RECEIVE A CLASS 1 FINISH TO ONE FOOT BELOW THE GROUND LINE.

GRADE 60 REINFORCING STEEL IS REQUIRED.

ALL REINFORCING STEEL SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED.

(N) DENOTES NON COATED REINFORCING STEEL.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.

STRUCTURE EXCAVATION AND BACKFILL INCLUDING OVER-EXCAVATION SHALL BE ACCORDING TO THE GEOTECHNICAL REPORT AND SECTION 206 OF THE CDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

REINFORCING

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-7"	2'-0"	2'-6"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

ALL SPLICES SHALL BE STAGGERED UNLESS SHOWN OTHERWISE.

DESIGN DATA

AASHTO, THIRD EDITION LRFD, 2004

DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN

LIVE LOAD: HL-93 (DESIGN TRUCK OR TANDEM, AND DESIGN LANE LOAD) - COLORADO PERMIT VEHICLE

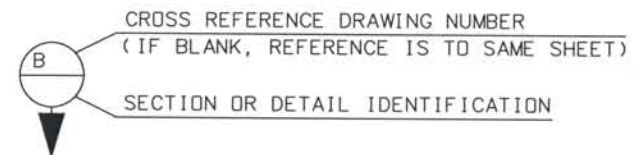
DEAD LOAD: ASSUMES 36 LBS. PER SQ. FT. FOR FUTURE BRIDGE DECK OVERLAY.

DECK CONCRETE:

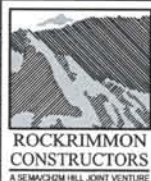
CLASS H CONCRETE: $f'c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

ABBREVIATIONS

E.F. = EACH FACE
 F.F. = FAR FACE
 N.F. = NEAR FACE
 L.O.L. = LAYOUT LINE



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
CANTILEVER SLAB
 1 OF 2

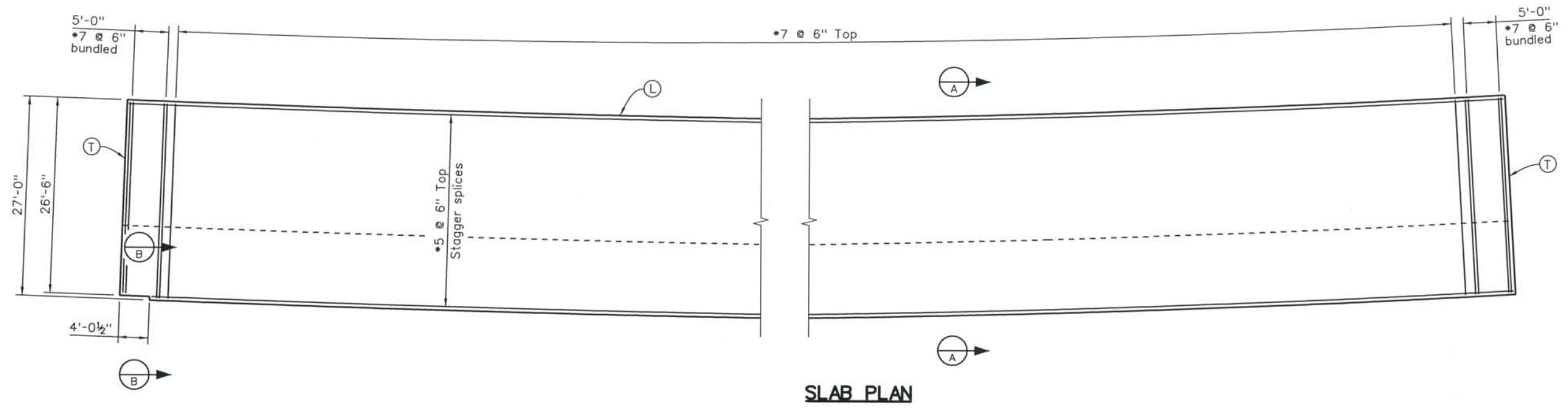
File Name: DSI-STCS-GP01.DGN
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740

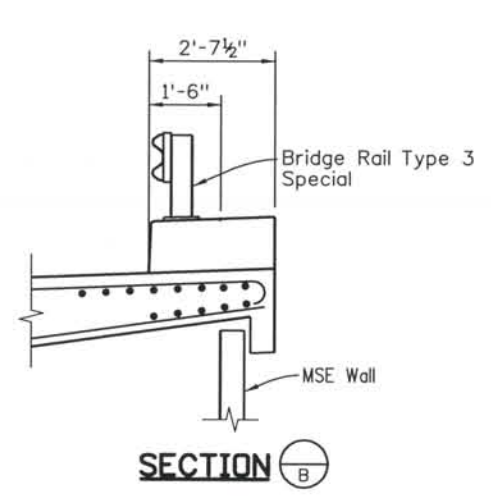
Project Dwg. No. DS1-CS1
 Structure Sheet No. 1 of 2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



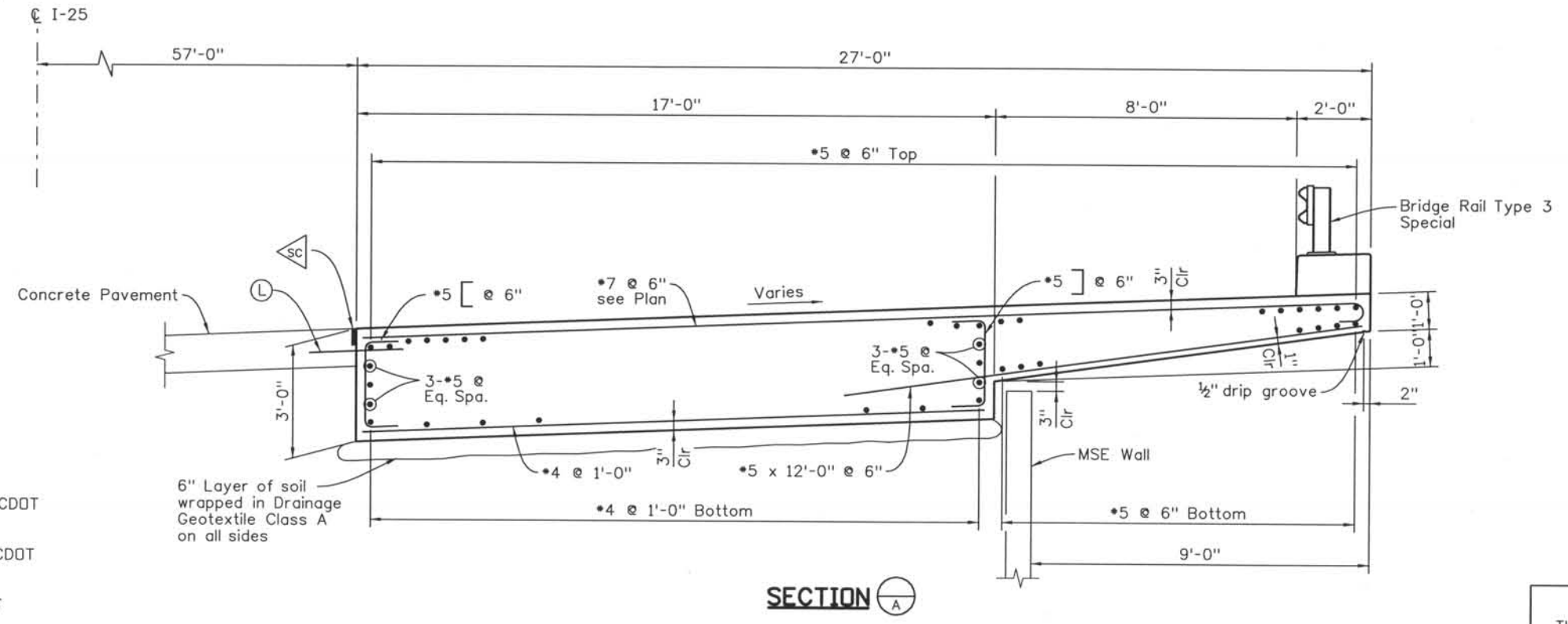
SLAB PLAN



SECTION B

LEGEND:

- (T) Transverse construction joint per CDDT Standard M-412-1.
- (L) Longitudinal construction joint per CDDT Standard M-412-1.
- (SC) Seal at construction joint per CDDT Standard M-412-1.



SECTION A

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 10:09:11 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Units: US Survey Foot
 Scale: DScale

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
CANTILEVER SLAB
 2 OF 2

File Name: DS1-STCS-GP02.DGN
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740

Project Dwg. No. DS1-CS2
 Structure Sheet No. 2 of 2

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY AVA DORN COLORADO P.E. NO. 32545

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

GENERAL NOTES

A COLORED STRUCTURAL CONCRETE COATING FINISH WILL BE REQUIRED, AS SHOWN ON THE PLANS, ON EXPOSED CONCRETE SURFACES. THE COLOR SHALL BE EQUIVALENT TO FEDERAL STANDARD 595B COLORS NO. 30313 AND 30227, AND IS TO BE SELECTED FROM TEST PANELS PROVIDED BY THE CONTRACTOR.

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M213.

THE FINAL FINISH FOR THE SURFACES TO RECEIVE A CONCRETE STAIN SHALL BE CLASS 2. ALL OTHER EXPOSED CONCRETE SURFACES SHALL RECEIVE A CLASS 1 FINISH TO ONE FOOT BELOW THE GROUND LINE.

GRADE 60 REINFORCING STEEL IS REQUIRED.

ALL REINFORCING STEEL SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED.

(N) DENOTES NON COATED REINFORCING STEEL.

FOR STRUCTURE NUMBER INSTALLATION, SEE STANDARD S-614-12.

STAY IN PLACE STEEL DECK FORMS ARE REQUIRED.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERE TO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

REINFORCING

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
----------	----	----	----	----	----	----	-----	-----

SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-7"	2'-0"	2'-6"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"
--	-------	-------	-------	--------	-------	-------	--------	-------

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
----------	----	----	----	----	----	----	-----	-----

SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-4"	1'-8"	2'-0"	2'-4"	3'-1"	3'-10"	4'-11"	6'-0"
--	-------	-------	-------	-------	-------	--------	--------	-------

THE ABOVE SPLICE LENGTHS SHALL BE INCREASED BY 20 PERCENT FOR 3 BAR BUNDLES AND 33 PERCENT FOR 4 BAR BUNDLES.

THE ABOVE SPLICE LENGTHS MAY BE REDUCED BY 20% WHEN 3" OF CLEAR COVER EXISTS AND BAR SPACING IS 6" OR GREATER ON CENTER.

ALL SPLICES SHALL BE STAGGERED UNLESS SHOWN OTHERWISE.

INDEX OF DRAWINGS

SHEET NO.	TITLE
B1	GENERAL INFORMATION
B2	GENERAL LAYOUT (1 OF 2)
B3	GENERAL LAYOUT (2 OF 2)
B4	CONSTRUCTION LAYOUT & FOUNDATION LAYOUT
B5	DRILLED CAISSON DETAILS
B6	ABUTMENT 1 DETAILS
B7	ABUTMENT 4 DETAILS
B8	PIER DETAILS
B9	BEARING DETAILS
B10	SUPERSTRUCTURE SECTION
B11	SLAB REINFORCING PLAN
B12	PRESTRESSED CONCRETE I-GIRDER (1 OF 3)
B13	PRESTRESSED CONCRETE I-GIRDER (2 OF 3)
B14	PRESTRESSED CONCRETE I-GIRDER (3 OF 3)
B15	BRIDGE RAIL TYPE 10M (1 OF 2)
B16	BRIDGE RAIL TYPE 10M (2 OF 2)
B17	BRIDGE RAIL TYPE 10R (MOD)
B18	ENGINEERING GEOLOGY

PROJECT STANDARD DRAWINGS

SHEET NO.	TITLE
BS1	BACKFILL AT ABUTMENTS
BS2	MECHANICALLY STABILIZED BACKFILL

BRIDGE DESCRIPTION

THREE SPAN (48'-7 1/4", 49'-7 3/4", 49'-1 1/2") WIDENING PRECAST PRESTRESSED BULB TEE BRIDGE WITH CAST-IN-PLACE CONCRETE SLAB CARRYING I-25 NB/SB OVER MIDLAND TRAIL. WIDENING PORTION AVERAGES 15'-0" OUT-TO-OUT WITH BRIDGE RAIL TYPE 10M. REPLACE EXISTING RAIL ON EAST SIDE OF BRIDGE WITH TYPE 10R.

DESIGN DATA

AASHTO, THIRD EDITION LRFD, 2004

DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN

LIVE LOAD: HL-93 (DESIGN TRUCK OR TANDEM, AND DESIGN LANE LOAD) - COLORADO PERMIT VEHICLE

DEAD LOAD: ASSUMES 48 LBS. PER SQ. FT. FOR BRIDGE DECK OVERLAY ASSUMES 5 LBS. PER SQ. FT. FOR STAY IN PLACE FORMS

REINFORCED CONCRETE:

CLASS D CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi

CAISSON CONCRETE:

CLASS BZ CONCRETE: f'c = 4,000 psi
 REINFORCING STEEL: fy = 60,000 psi

DECK CONCRETE:

CLASS D CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi

PRESTRESSED CONCRETE:

CLASS PS CONCRETE: f'c = (SEE GIRDER DETAILS)
 f's = 270,000 psi

ABBREVIATIONS

E.F. = EACH FACE
 F.F. = FAR FACE
 N.F. = NEAR FACE
 WP = WORKING POINT

CROSS REFERENCE DRAWING NUMBER
 (IF BLANK, REFERENCE IS TO SAME SHEET)

SECTION OR DETAIL IDENTIFICATION



Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:39:06 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DSI Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



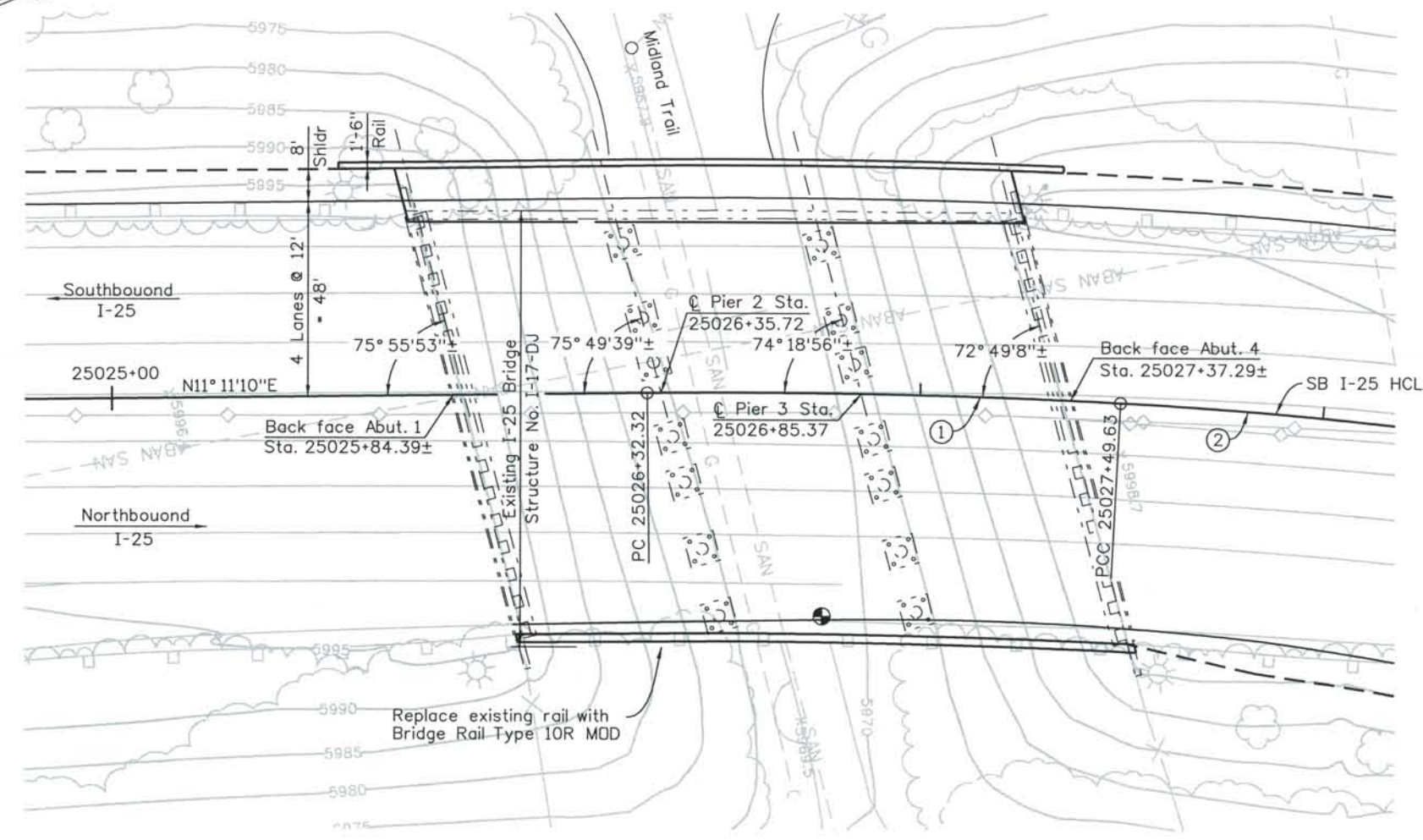
DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 GENERAL INFORMATION

File Name: DS1-BRDK-GN01.DGN
 Structure Number: I-17-DJ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-DJ-B1
 Structure Sheet No.: B1 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

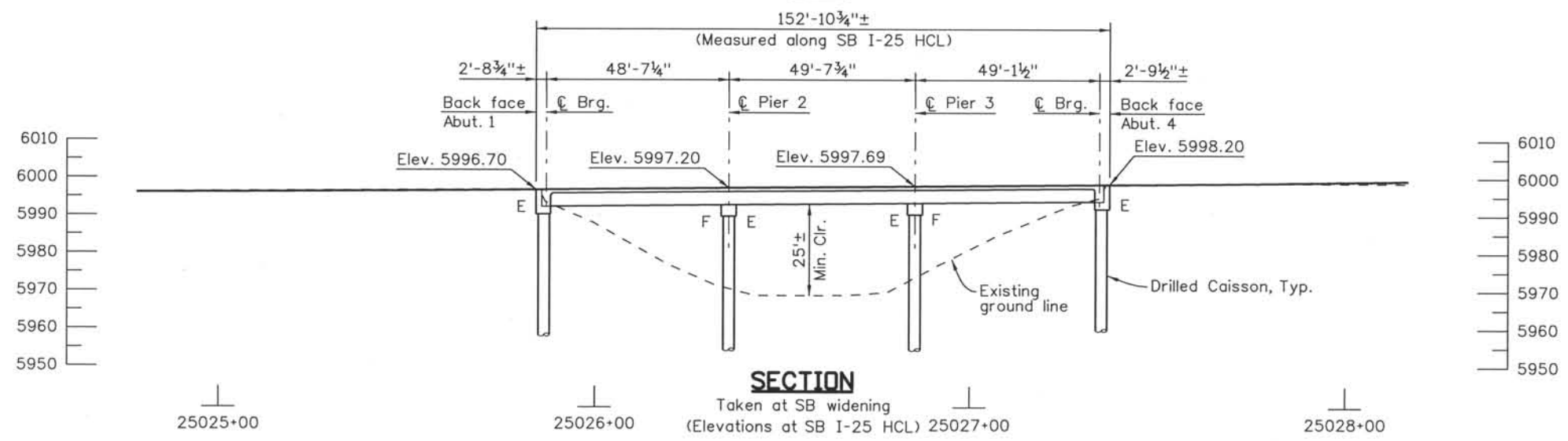


CIRULAR CURVE DATA SB I-25 HCL

Curve Data	Curve Data
① $\Delta=3^{\circ}34'24.03''$	② $\Delta=24^{\circ}05'11.24''$
T=58.67'	T=243.79'
R=1881.00'	R=1142.69'
L=117.31'	L=480.37'
PI Sta=25026+90.99	PI Sta=25029+93.41

PLAN

● Point of minimum vertical clearance



SECTION

Taken at SB widening (Elevations at SB I-25 HCL) 25027+00

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:39:19 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 40 at 11x17 Units: US Survey Foot

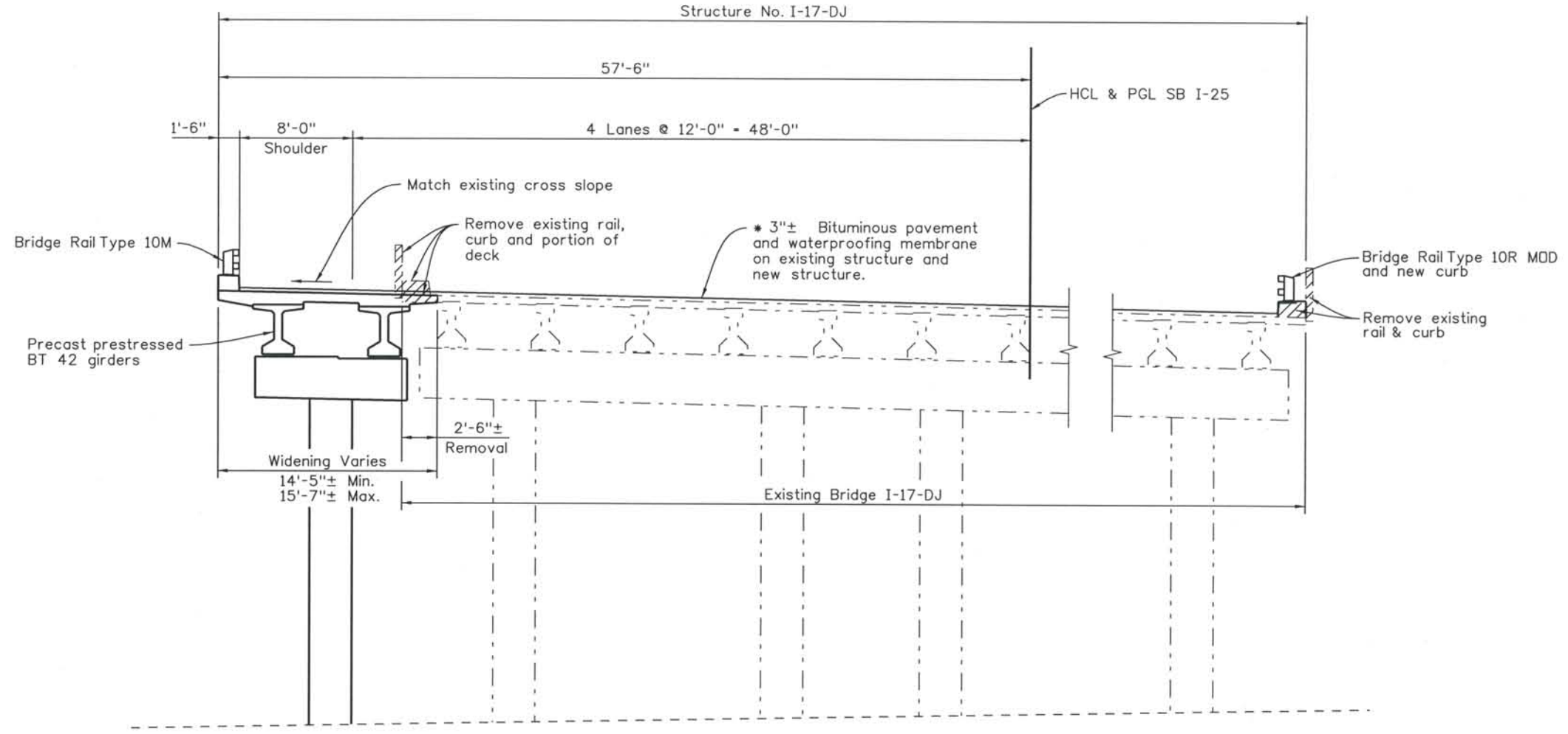
ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 GENERAL LAYOUT
 1 OF 2

File Name: DSI-BRDK-GP01.DGN	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-DJ	Project Dwg. No.: DSI-DJ-B2
	Structure Sheet No.: B2 of 18

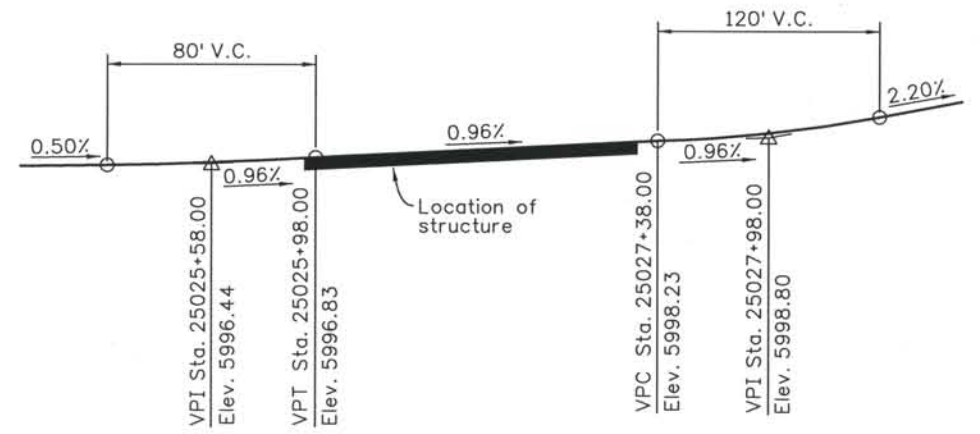
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008, PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



TYPICAL SECTION
Looking Upstation

NOTE:
* Waterproofing membrane to be placed on existing structure after existing overlay has been removed and deck inspection and deck repairs are complete.



SB I-25 PROFILE GRADE

SUPERELEVATION TABLE		
Station	Left	Right
25024+69.35	-2.59%	+2.59%
25025+70.00	0.00%	0.00%
25027+89.56	+5.65%	-5.65%

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:39:23 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI Bridge
 Scale: 10 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
I-25 OVER MIDLAND TRAIL
GENERAL LAYOUT
 2 OF 2

File Name: DS1-BRDK-GP02.DGN
 Structure Number:
 I-17-DJ

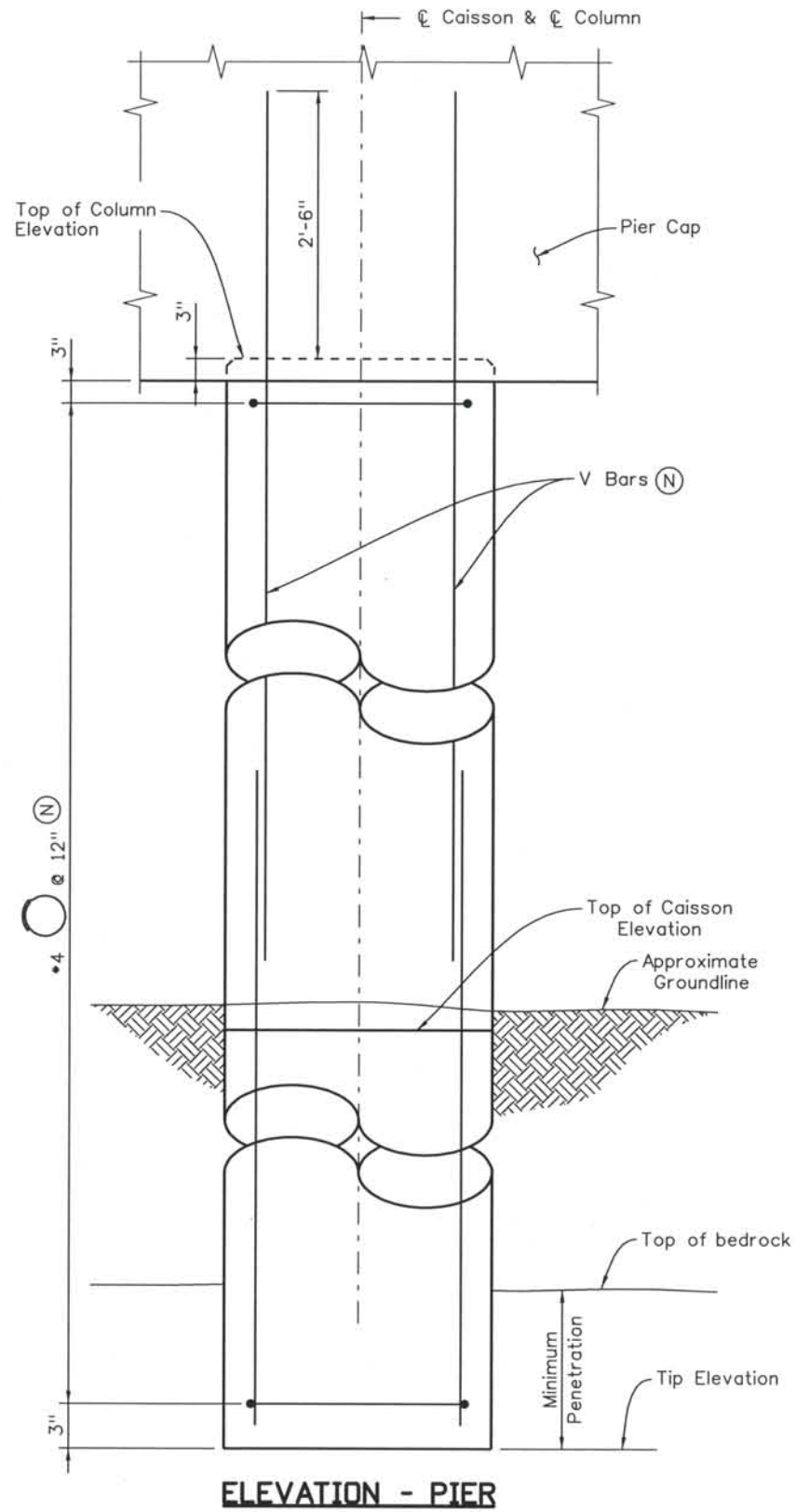
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-DJ-B3
 Structure Sheet No.: B3 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

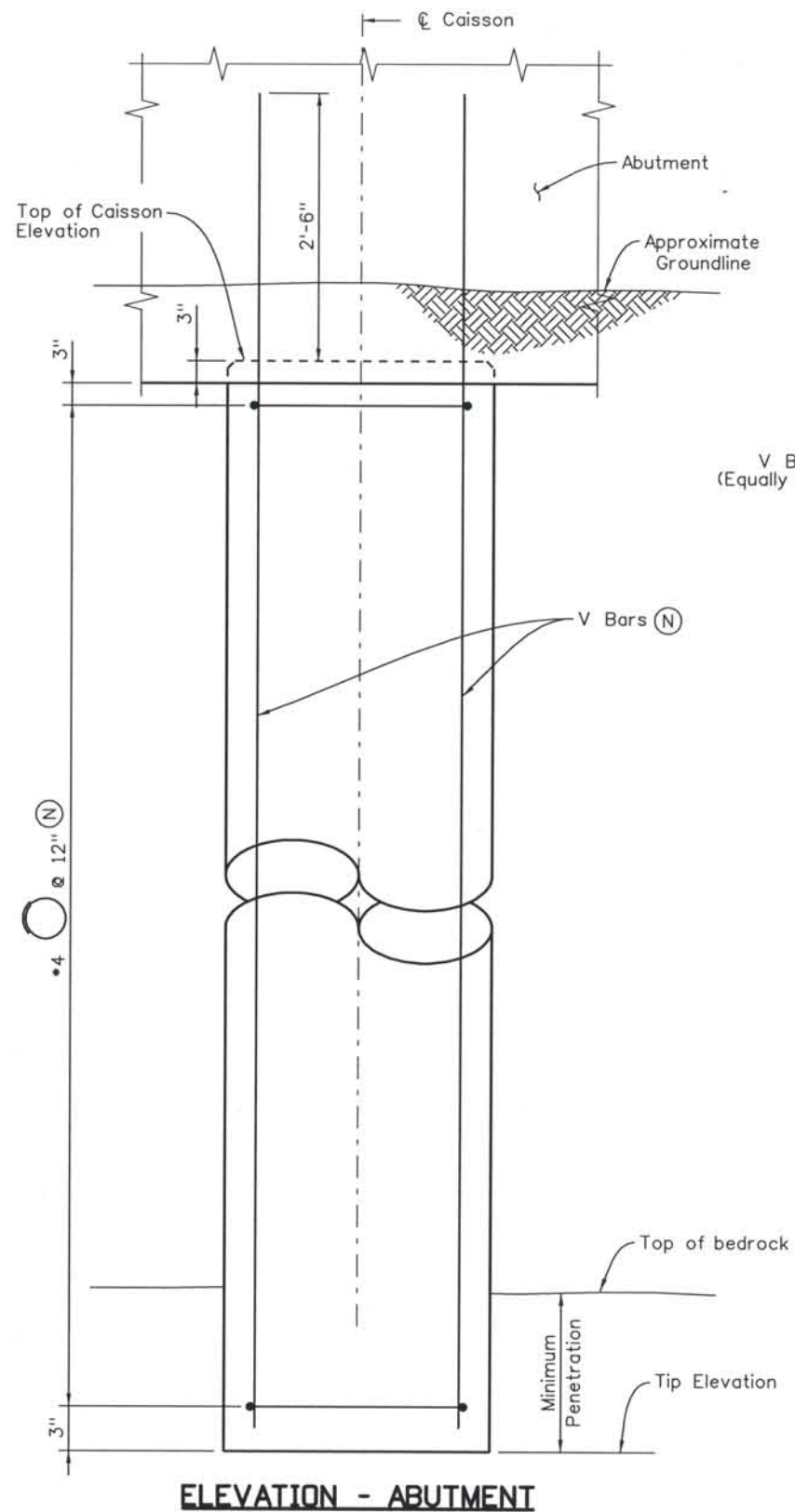
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

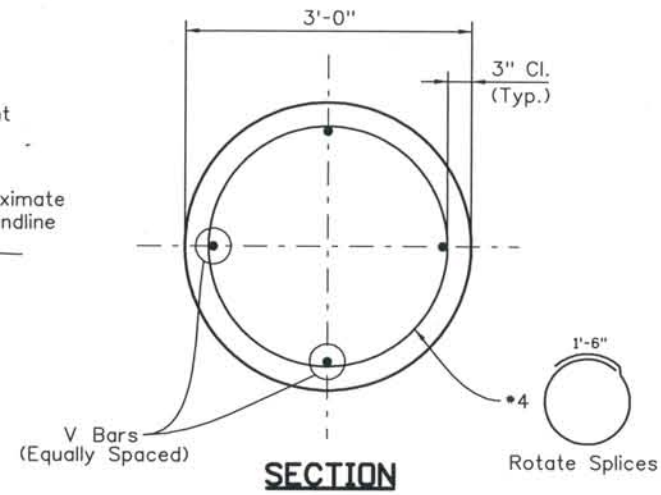
Date Plotted: 9/3/2008
 Time Plotted: 10:39:29 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/2" at 11x17 Units: US Survey Foot
 As-Built 327504.DS1 Bridge
 Units: US Survey Foot



ELEVATION - PIER



ELEVATION - ABUTMENT



SECTION

NOTES:

1. Caisson concrete shall be concrete Class BZ.
2. Column concrete shall be Class D.
3. For Additional Geotechnical data, see Geotechnical report.
4. (N) - denotes non-epoxy coated reinf.
5. Splice length for #8 bars shall be 3'-3". Splice length for #11 bars shall be 6'-4". All splices shall be staggered.

CAISSON REINFORCING		
Location	V Bars (total)	V Bars (size)
Abutment 1	16	11
Pier 2	16	8
Pier 3	16	8
Abutment 4	16	11

CAISSON DESIGN DATA						
Location	Top of Caisson Elevation	Top of Column Elevation	Estimated Bedrock Elevation	As-Built Tip Elevation	As-Built Penetration into Bedrock	Ultimate Design Load (kips)
Abutment 1	5986.90	—	5944	5934	10	477
Pier 2	5968.00	5989.95	5945	5933	12	623
Pier 3	5968.00	5991.08	5944	5932	12	623
Abutment 4	5990.09	—	5946	5937	9	480

CAISSON DESIGN DATA

Ultimate end bearing 170 ksf $\phi = 0.5$
 Ultimate side shear 4.5 ksf $p = 0.65$

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 DRILLED CAISSON DETAILS

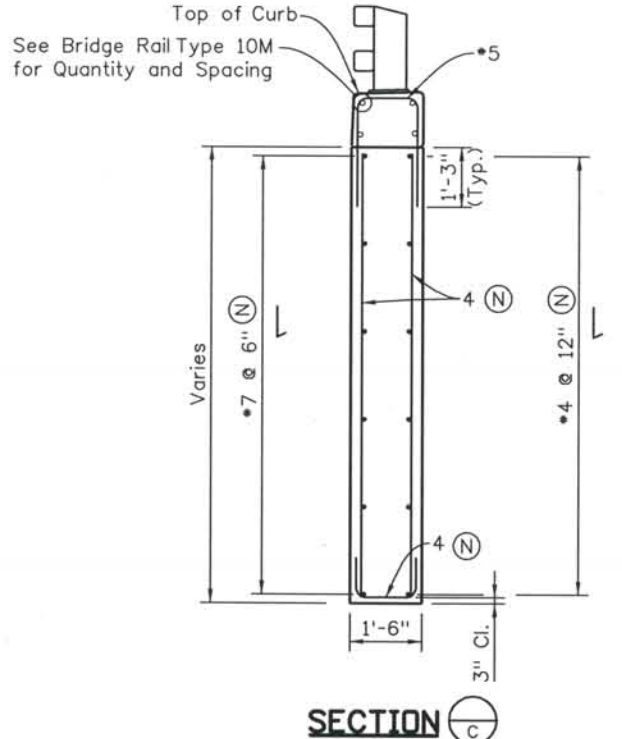
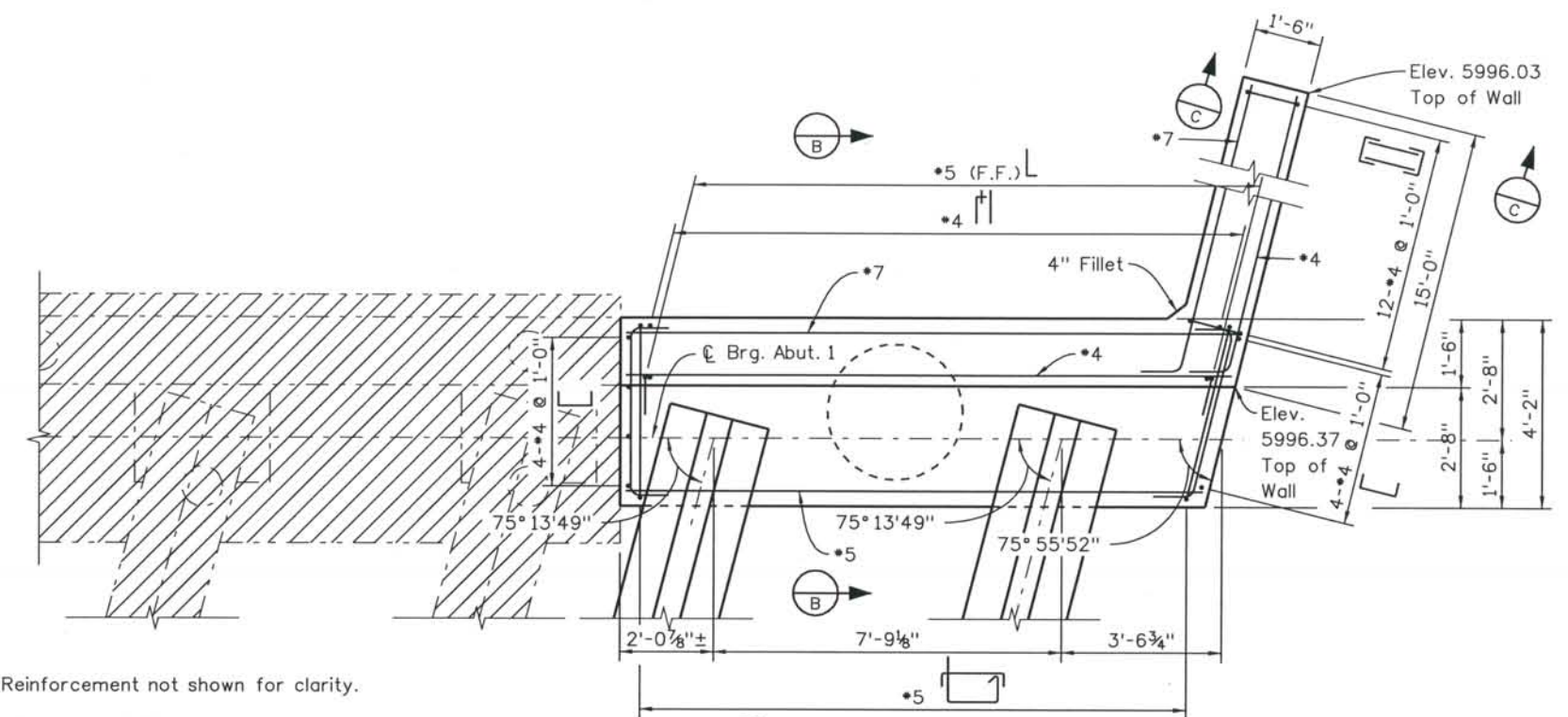
File Name: DSI-BROK-PD01.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-DJ	Project Dwg. No.: DSI-DJ-B5
	Structure Sheet No.: B5 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

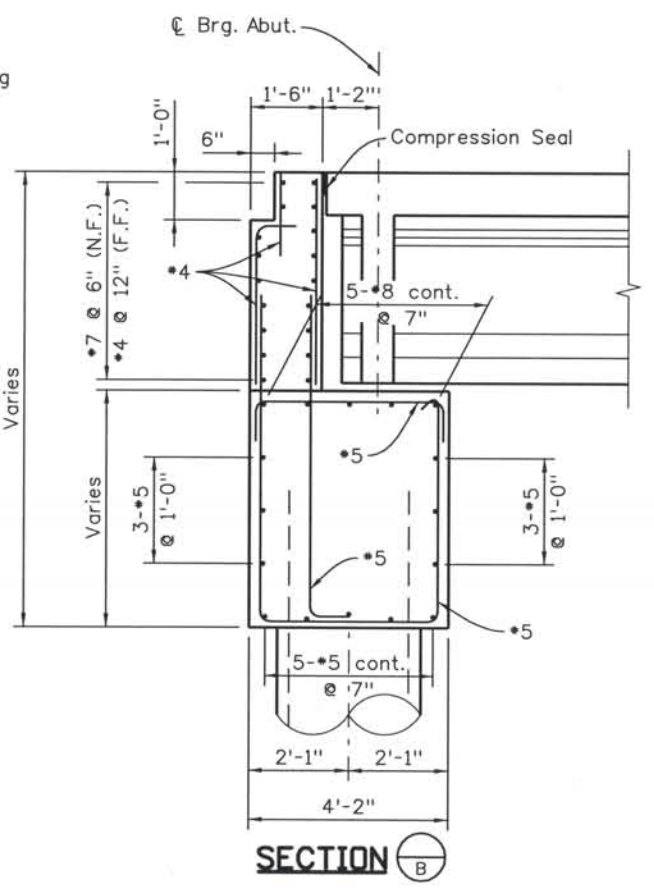
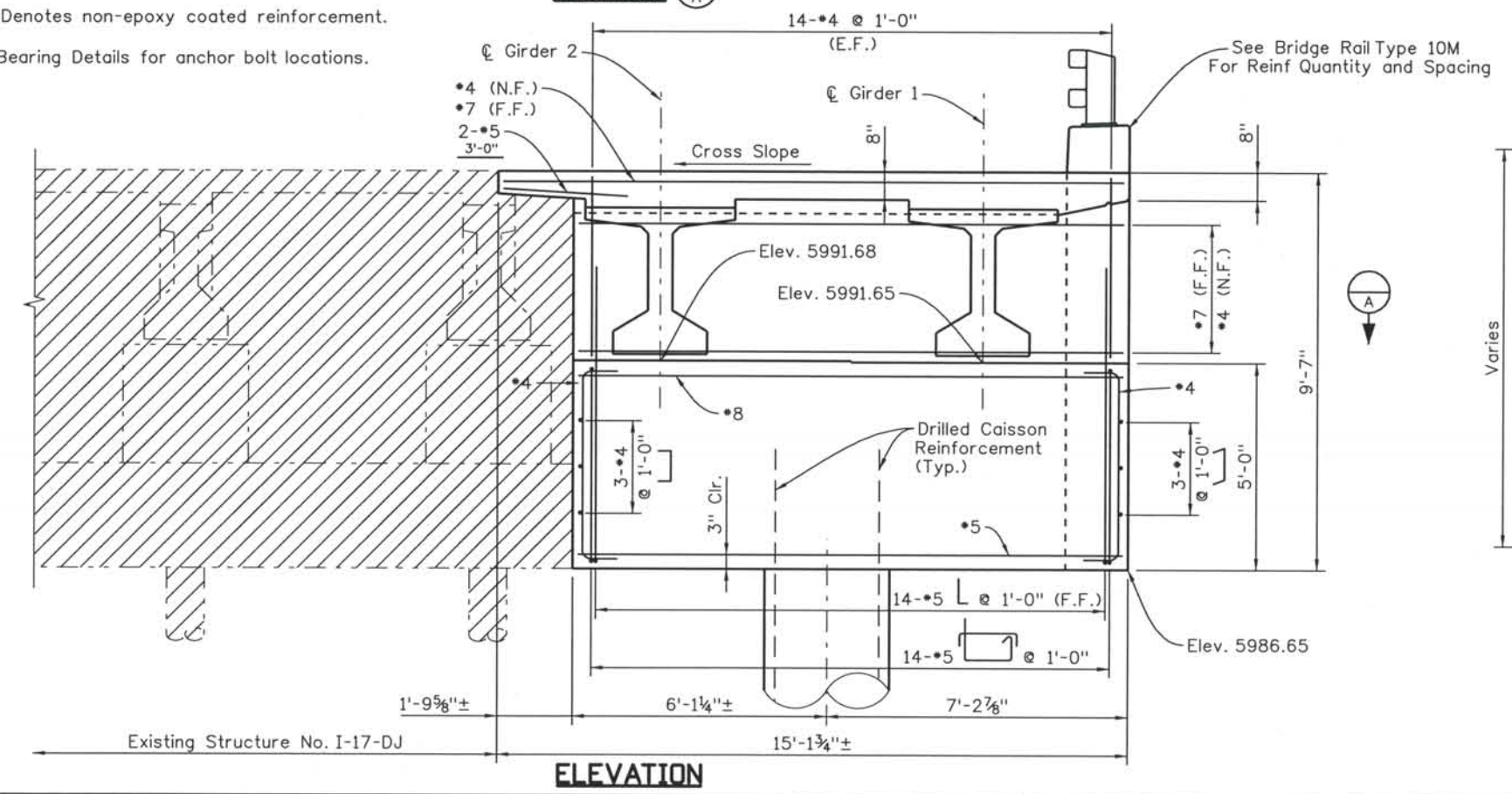
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:39:33 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4" = 1'-0"
 Units: US Survey Foot



- NOTES:
- Deck Reinforcement not shown for clarity.
 - Concrete cover shall be 2" unless noted otherwise.
 - (N) - Denotes non-epoxy coated reinforcement.
 - See Bearing Details for anchor bolt locations.



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1

I-25 OVER MIDLAND TRAIL ABUTMENT 1 DETAILS

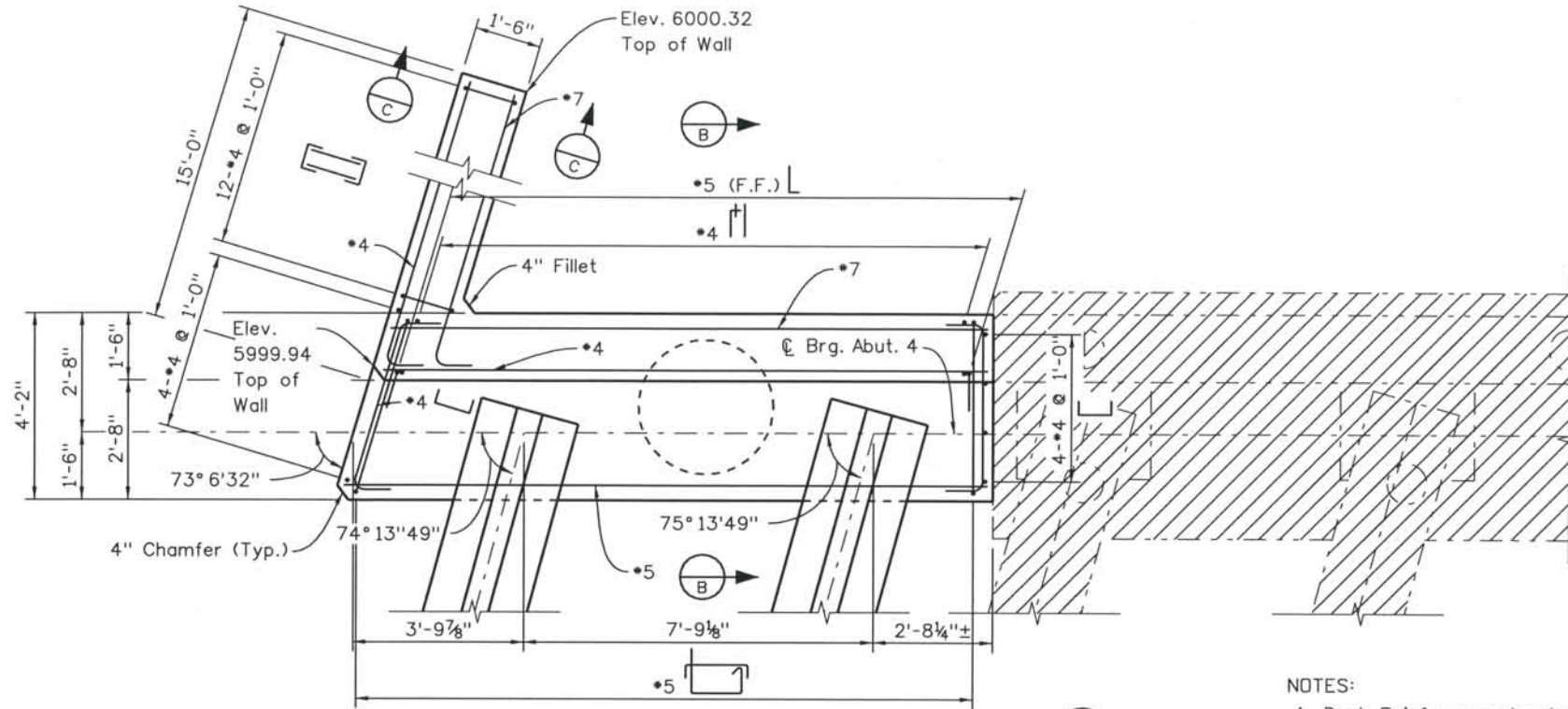
File Name	DS1-BRDK-AB101.dgn	Project No./Code	IM 0252-370 S.A. 14740
Structure Number	I-17-DJ	Project Dwg. No.	DS1-DJ-B6
		Structure Sheet No.	B6 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

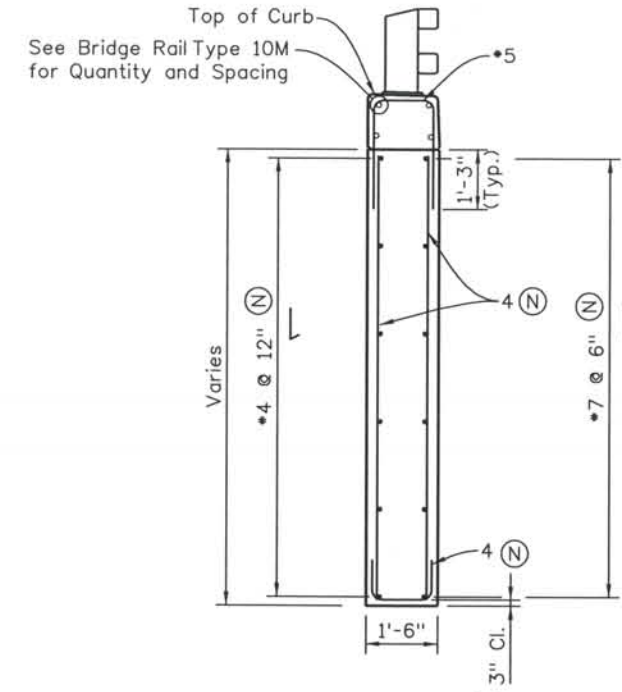
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:39:36 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4" at 11x17 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge

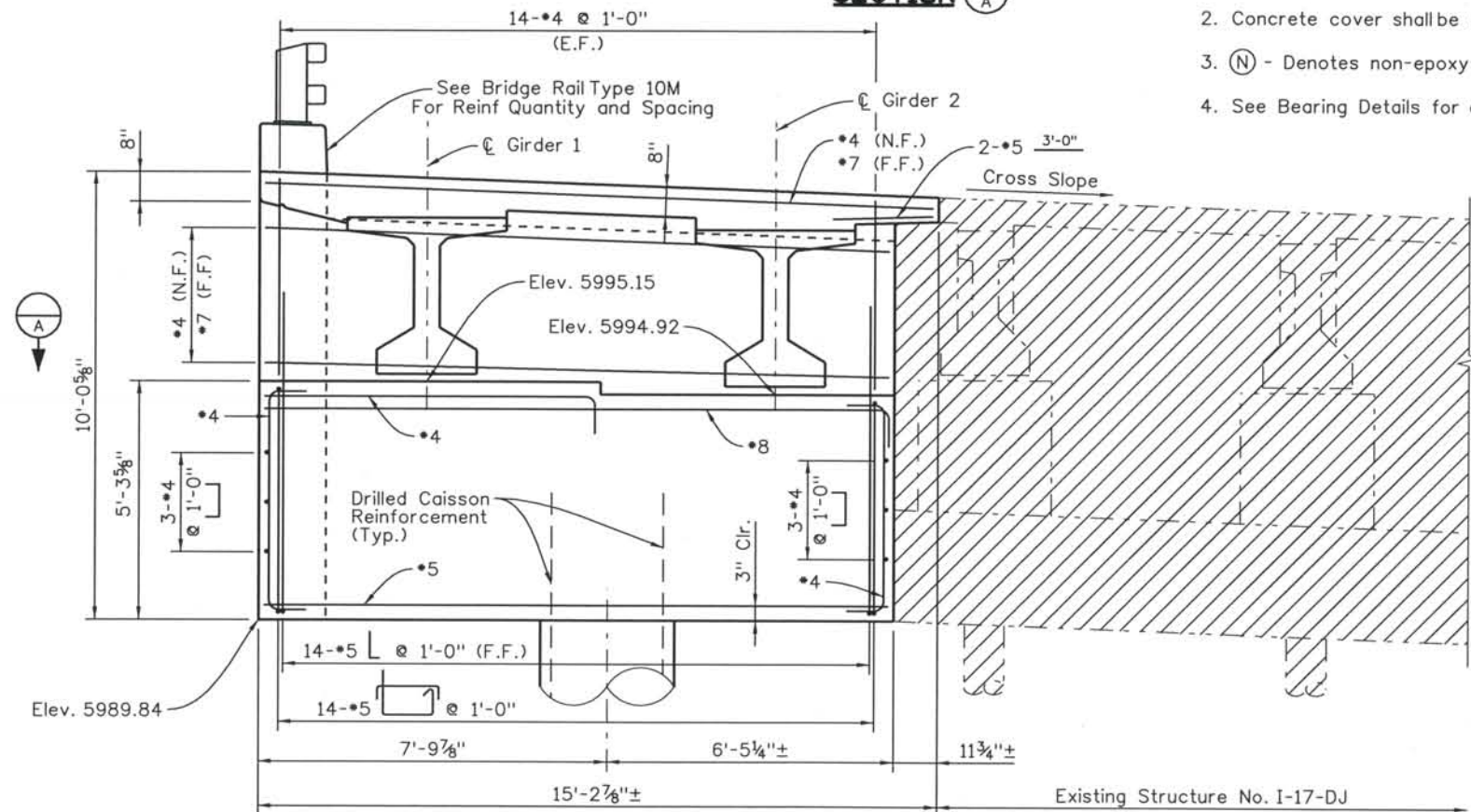


SECTION A

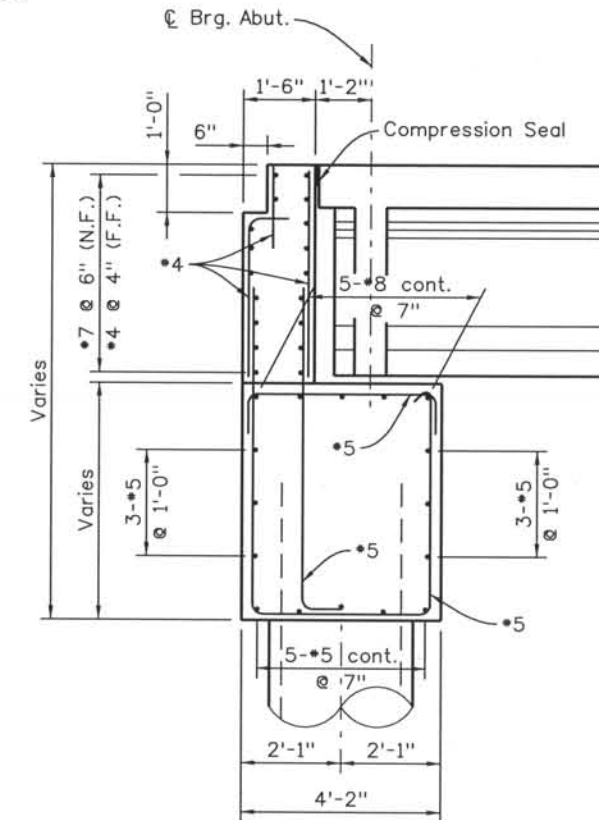


SECTION C

- NOTES:**
- Deck Reinforcement not shown for clarity.
 - Concrete cover shall be 2" unless noted otherwise.
 - (N) - Denotes non-epoxy coated reinforcement.
 - See Bearing Details for anchor bolt locations.

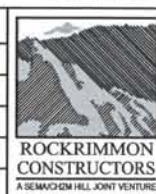


ELEVATION



SECTION B

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
A	60% DESIGN SUBMITTAL	02/22/06	
B	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



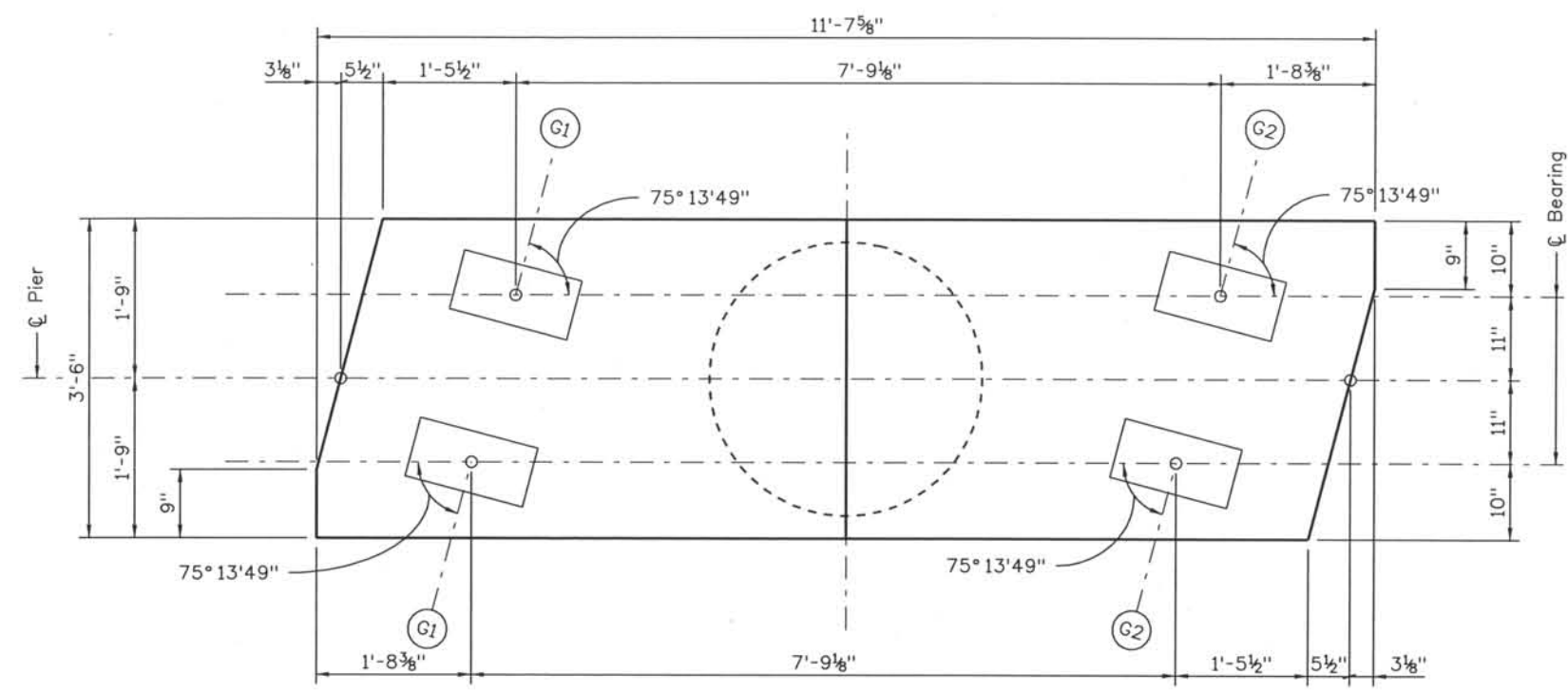
DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 ABUTMENT 4 DETAILS

File Name: DS1-BRDK-AB401.dgn
 Structure Number: I-17-DJ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-DJ-B7
 Structure Sheet No.: B7 of 18

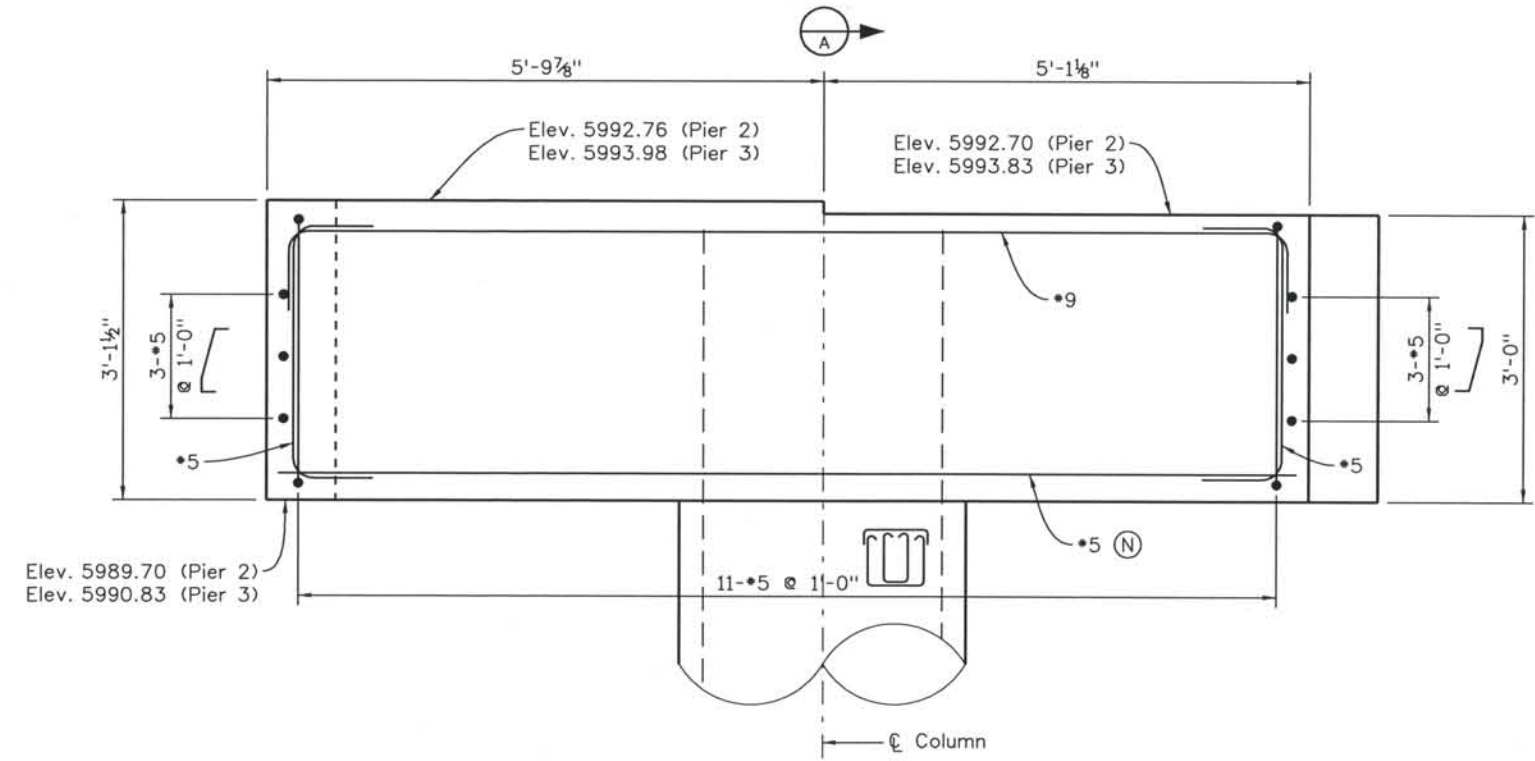
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

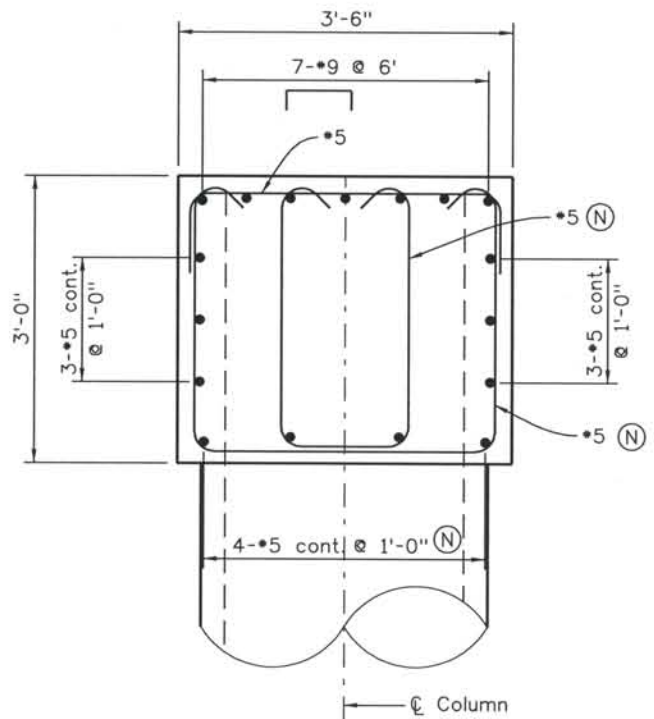


PLAN

- NOTES:
1. Concrete cover shall be 2" unless noted otherwise.
 2. (N) - Denotes non-epoxy coated reinforcement.
 3. See Bearing Details for anchor bolt locations.



ELEVATION



SECTION A-A

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:39:39 AM
 Plotted By: skramer
 CAD Ver: MicroStation V8 2004
 Scale: 1/2 at 11x17 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
I-25 OVER MIDLAND TRAIL
PIER DETAILS

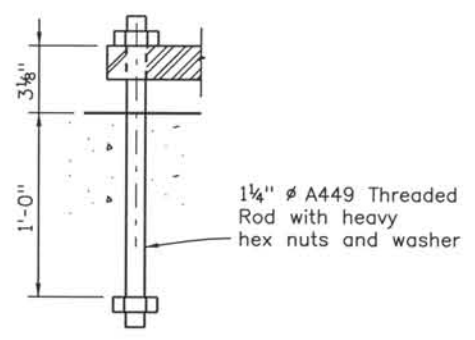
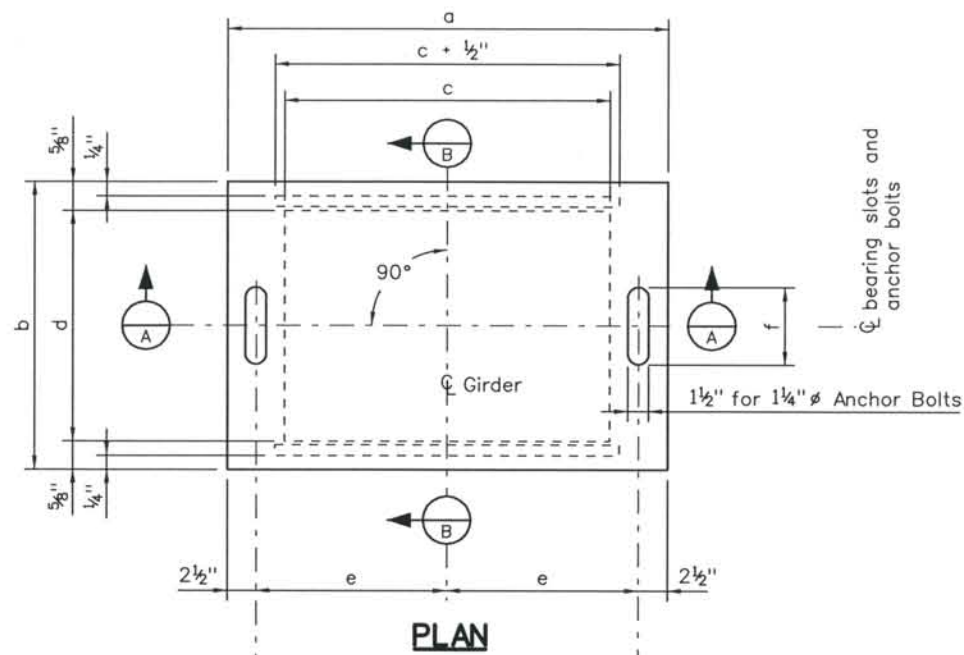
File Name: DSI-BRDK-PR201.dgn
 Structure Number: I-17-DJ

Project No./Code: IM 0252-370 S.A. 14740

Project Dwg. No.: DSI-DJ-B8
 Structure Sheet No.: B8 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Location	No. Req'd	Vertical Load Per Brg (kips)	Dimensions (Inches)									
			a	b	c	d	e	f	g	h	j	k
Abut. 1	2	110	36 1/2"	9 1/4"	16	8	15 1/4"	3 1/2"	5/8"	5/8"	5/8"	2 1/2"
Pier 2 (Back)	2	110	36 1/2"	9 1/4"	16	8	15 1/4"	1 1/2"	5/8"	5/8"	5/8"	2 1/2"
Pier 2 (Ahead)	2	110	36 1/2"	9 1/4"	16	8	15 1/4"	3 1/2"	5/8"	5/8"	5/8"	2 1/2"
Pier 3 (Back)	2	110	36 1/2"	9 1/4"	16	8	15 1/4"	3 1/2"	5/8"	5/8"	5/8"	2 1/2"
Pier 3 (Ahead)	2	110	36 1/2"	9 1/4"	16	8	15 1/4"	1 1/2"	5/8"	5/8"	5/8"	2 1/2"
Abut. 4	2	110	36 1/2"	9 1/4"	16	8	15 1/4"	3 1/2"	5/8"	5/8"	5/8"	2 1/2"

NOTES:

Anchor bolt nuts shall be snugged and jammed with jam nuts at fixed bearings. At expansion bearings, provide 1/4" clearance between jam nut and sole plate under all temperature conditions prior to jamming.

Do not paint steel surfaces in contact with elastomeric pad.

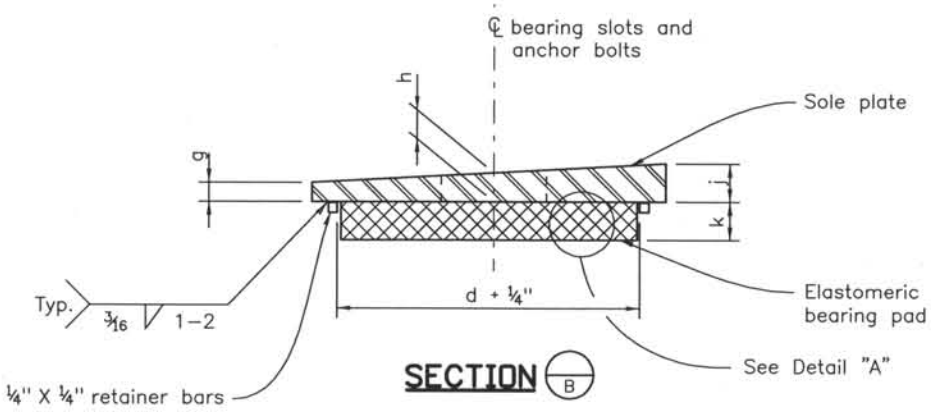
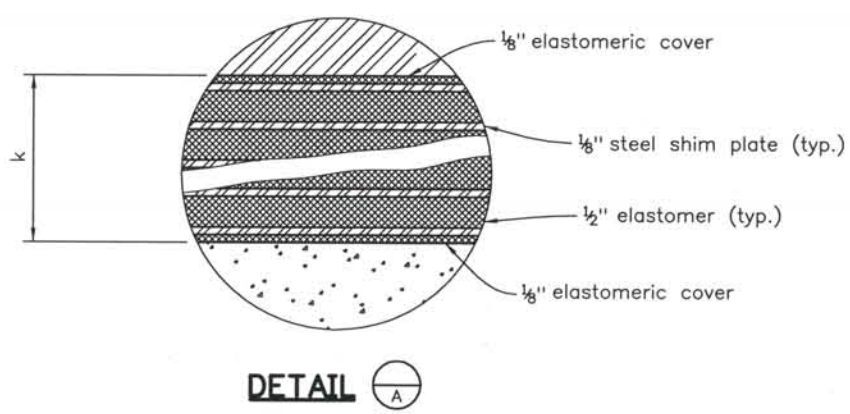
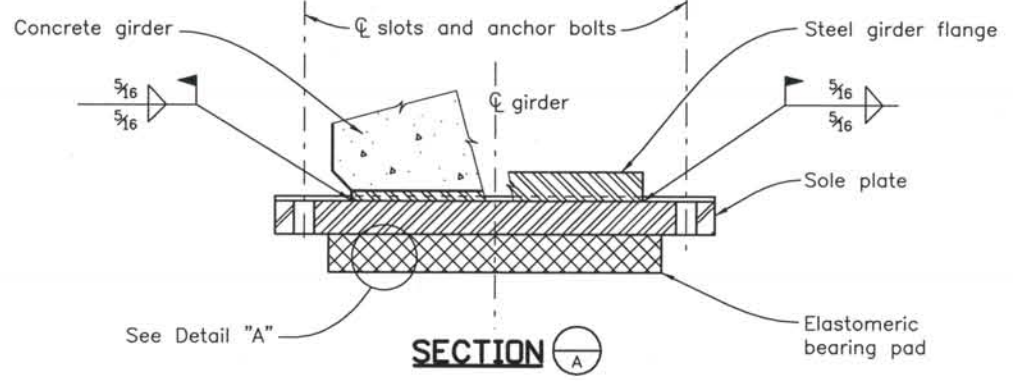
Grade 3 elastomer shall be used.

Higher grade elastomer may be substituted for grade 3.

Design shear modulus G = 165 psi. at 73°F.

Hardness = 60 Duro (Shore A).

AASHTO design method B has been used.



ELASTOMERIC BEARING DETAILS

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
I-25 OVER MIDLAND TRAIL
BEARING DETAILS

File Name: DS1-BRDK-BP01.dgn
Structure Number: I-17-DJ

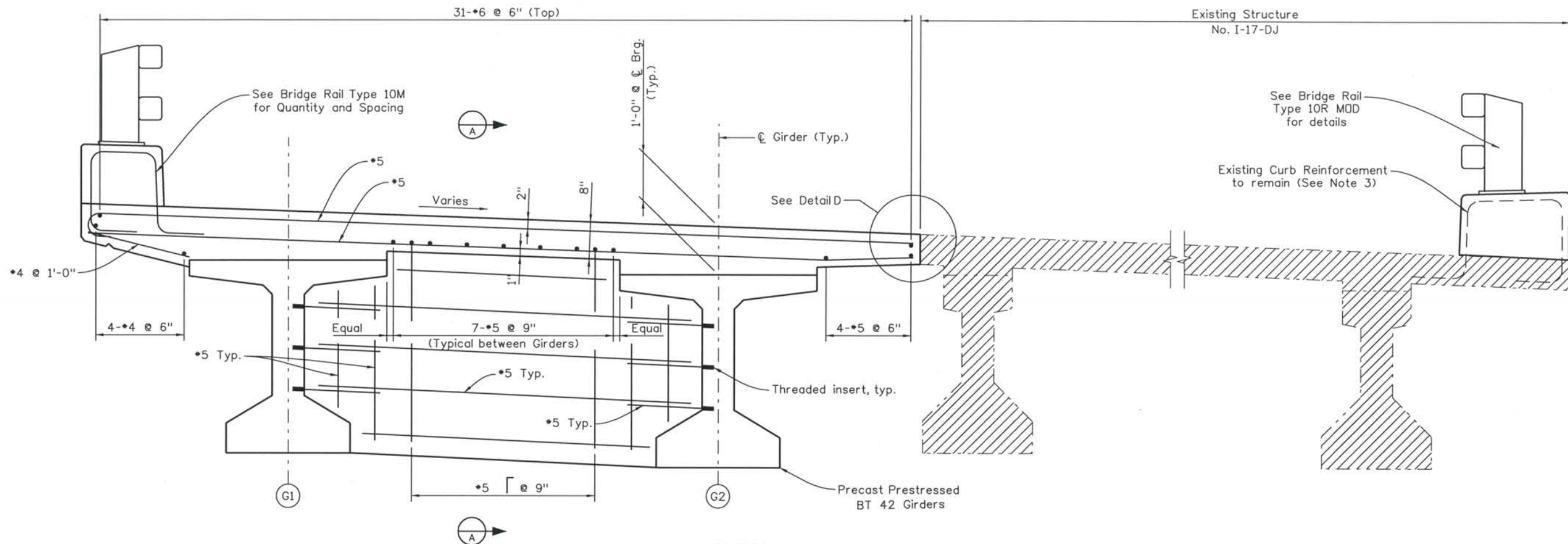
Project No./Code: IM 0252-370 S.A. 14740
Project Dwg. No.: DS1-DJ-B9
Structure Sheet No.: B9 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

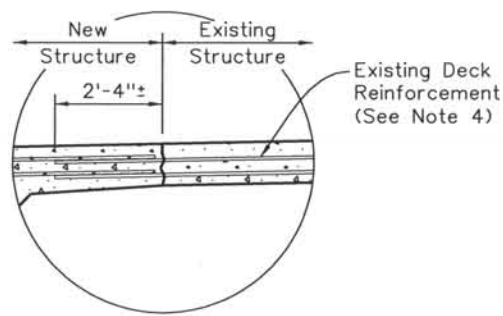
Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:39:42 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/2 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge As-Built

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

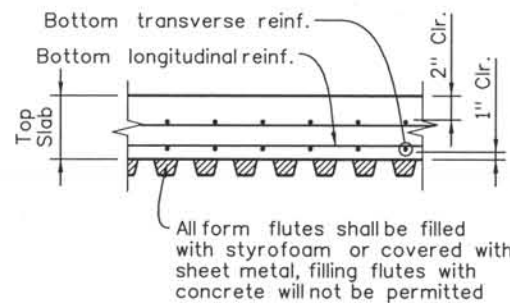
Date Plotted: 9/3/2008
 Time Plotted: 10:39:46 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/2 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge As-Built



TYPICAL DECK SECTION

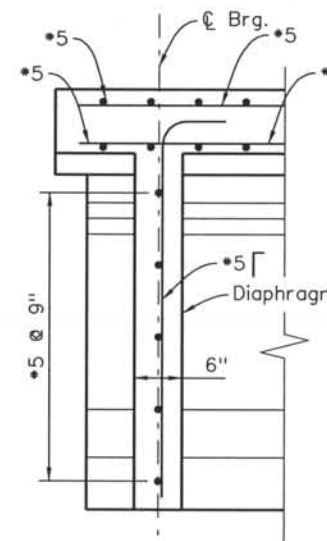


DETAIL B13 D



PERMANENT STEEL DECK FORM DETAIL

Permanent steel deck forms are not allowed in the cantilever portion of the deck.



SECTION A

Section shown at abutment, section at pier similar.

NOTES:

- Concrete cover shall be 2" unless noted otherwise.
- (N) - Denotes non-epoxy coated reinforcement.
- For requirements for removing existing concrete and preparation of reinforcement, see special provisions.
- Drill and grout additional reinforcing to replace damaged or deteriorated existing reinforcement.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



**DESIGN SEGMENT 1
I-25 OVER MIDLAND TRAIL
SUPERSTRUCTURE SECTION**

File Name: DSI-BRDK-DK01.dgn
Structure Number: I-17-DJ

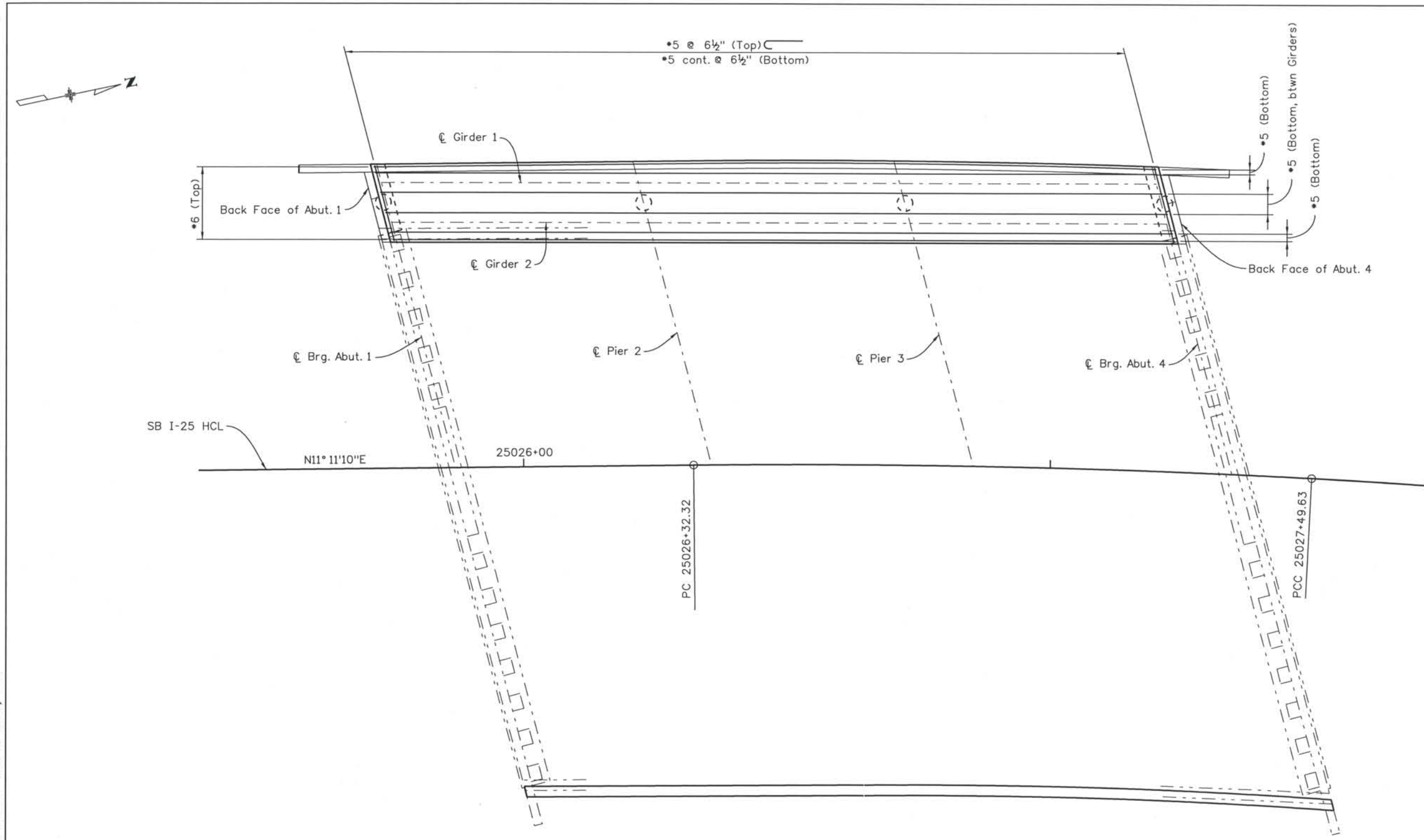
Project No./Code: IM 0252-370 S.A. 14740
Project Dwg. No.: DSI-DJ-B10
Structure Sheet No.: B10 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:39:50 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17 Units: US Survey Foot



PLAN

DESIGN SEGMENT 1
I-25 OVER MIDLAND TRAIL
SLAB REINFORCING PLAN

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

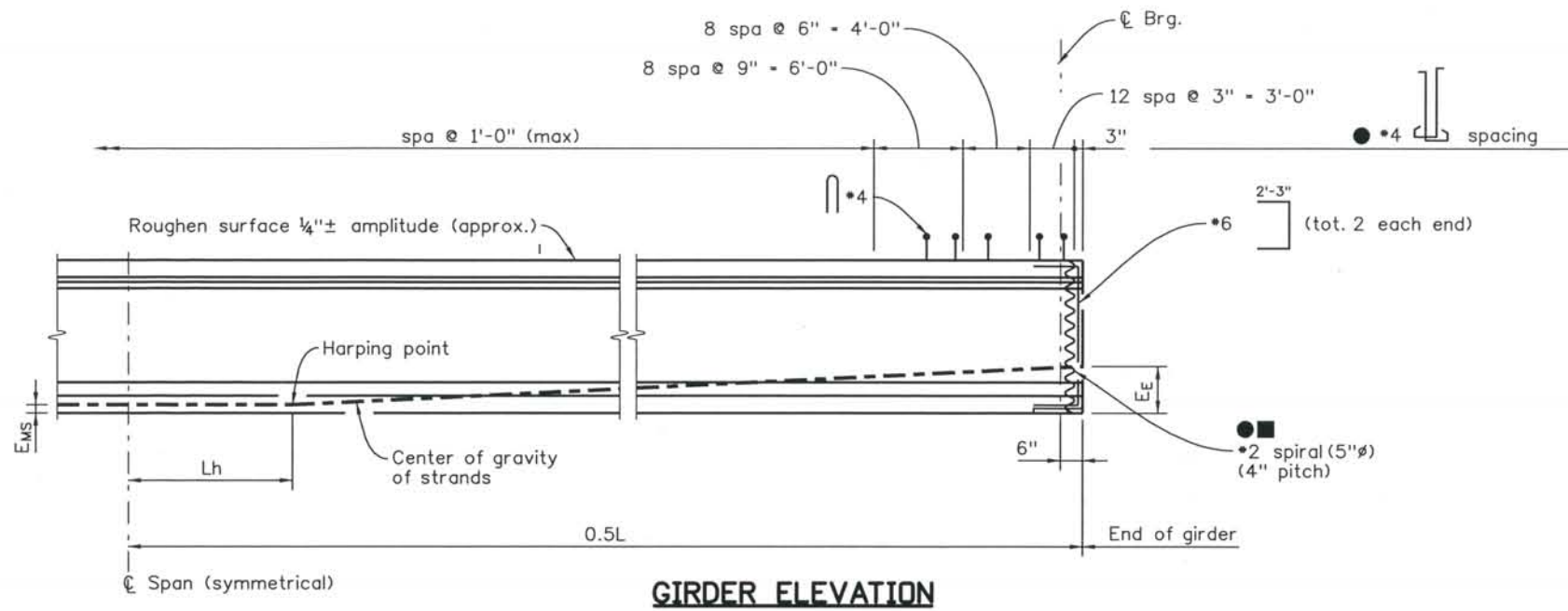


File Name	DS1-BRDK-DK02.dgn
Structure Number	I-17-DJ

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-DJ-B11
Structure Sheet No.	B11 of 18

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

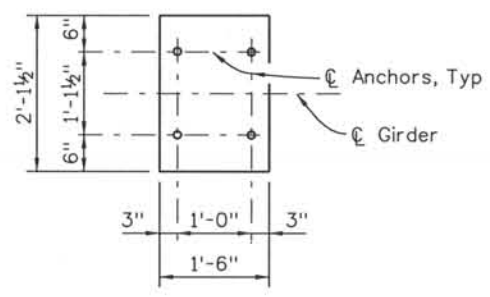
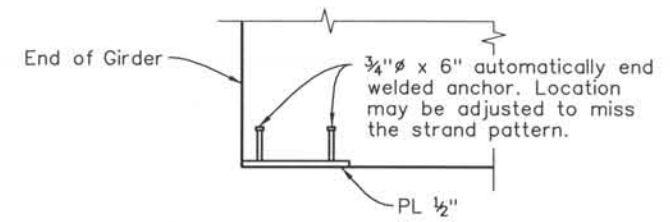
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



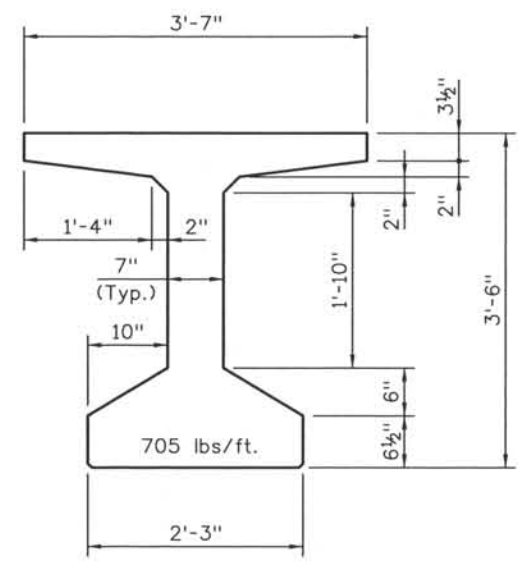
GIRDER ELEVATION

■ The Contractor may submit an alternate cross tie arrangement, at the end of the web, for approval by the Engineer

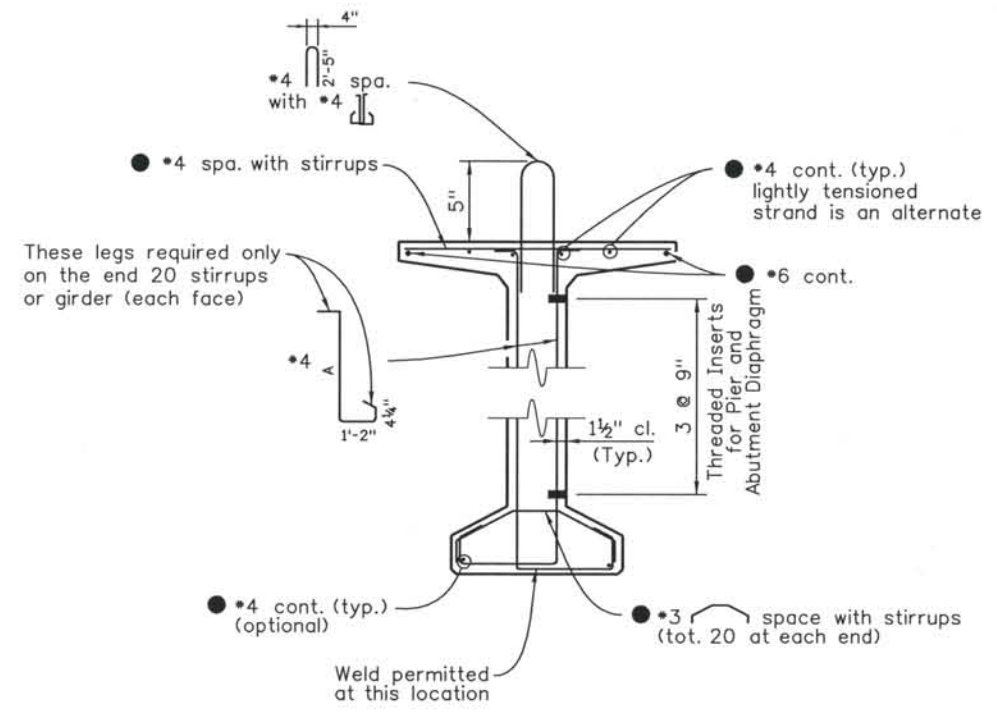
- D20 wires may be used in lieu of #4.
- 2 - D20 wires may be used in lieu of #6.
- D11 or W10.9 wires may be used in lieu of #3.
- W5 wires may be used in lieu of #2.



END PLATE DETAIL
Galvanize after fabrication



BT 42 DETAIL



TYPICAL GIRDER SECTION
A = girder depth - 3"

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:39:52 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



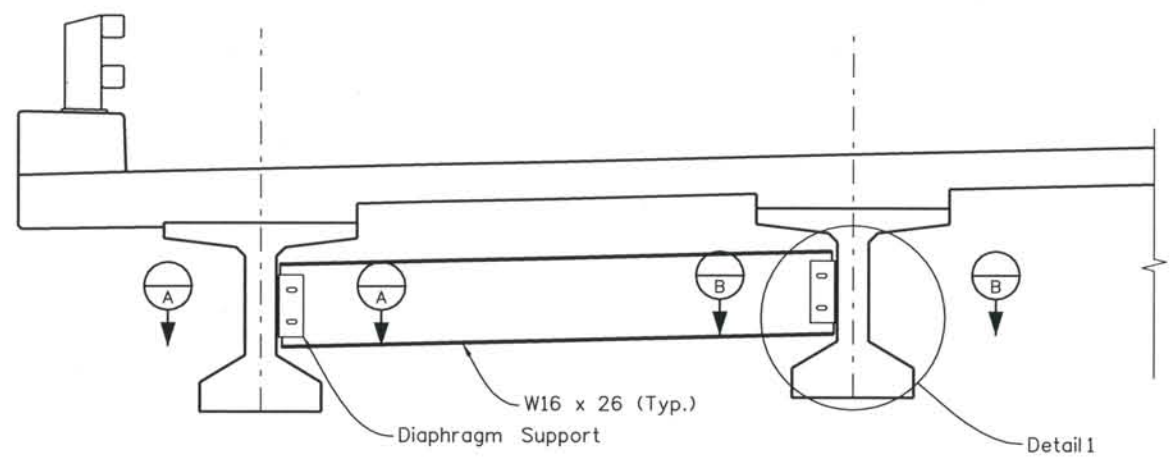
DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 PRESTRESSED CONCRETE I-GIRDER
 1 OF 3

File Name DS1-BRDK-GR01.dgn
 Structure Number I-17-DJ

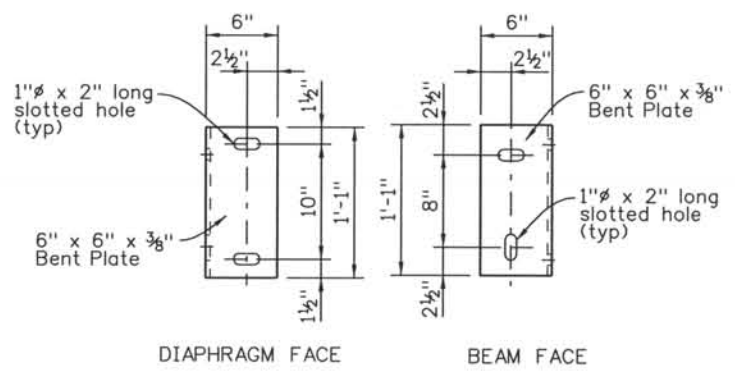
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-DJ-B12
 Structure Sheet No. B12 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

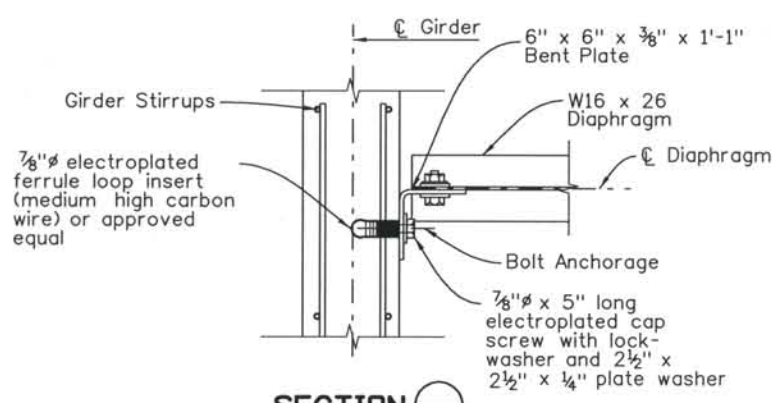
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



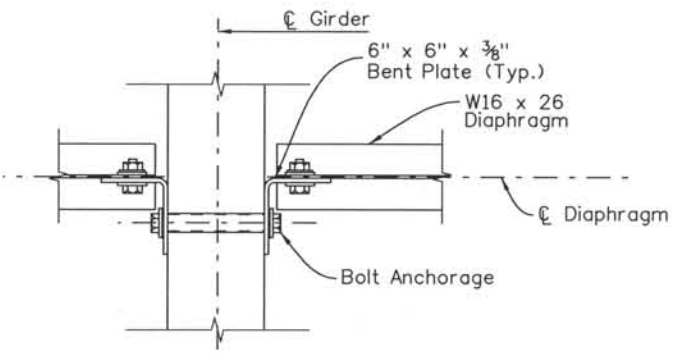
PARTIAL ELEVATION AT DIAPHRAGM



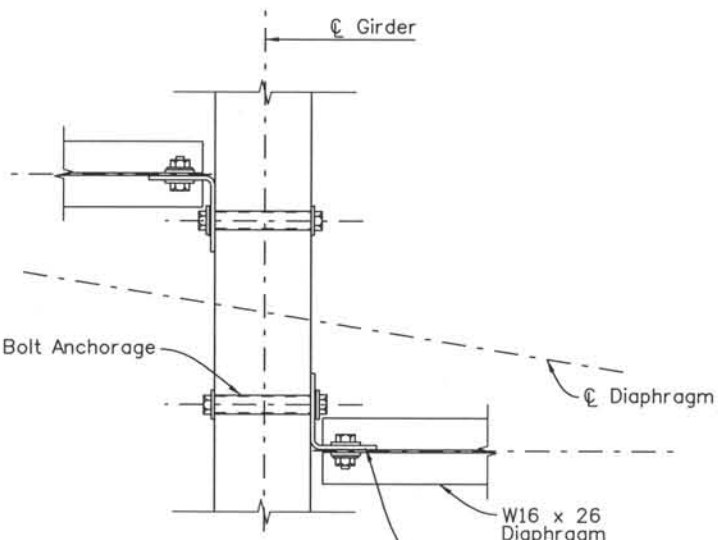
DIAPHRAGM SUPPORT



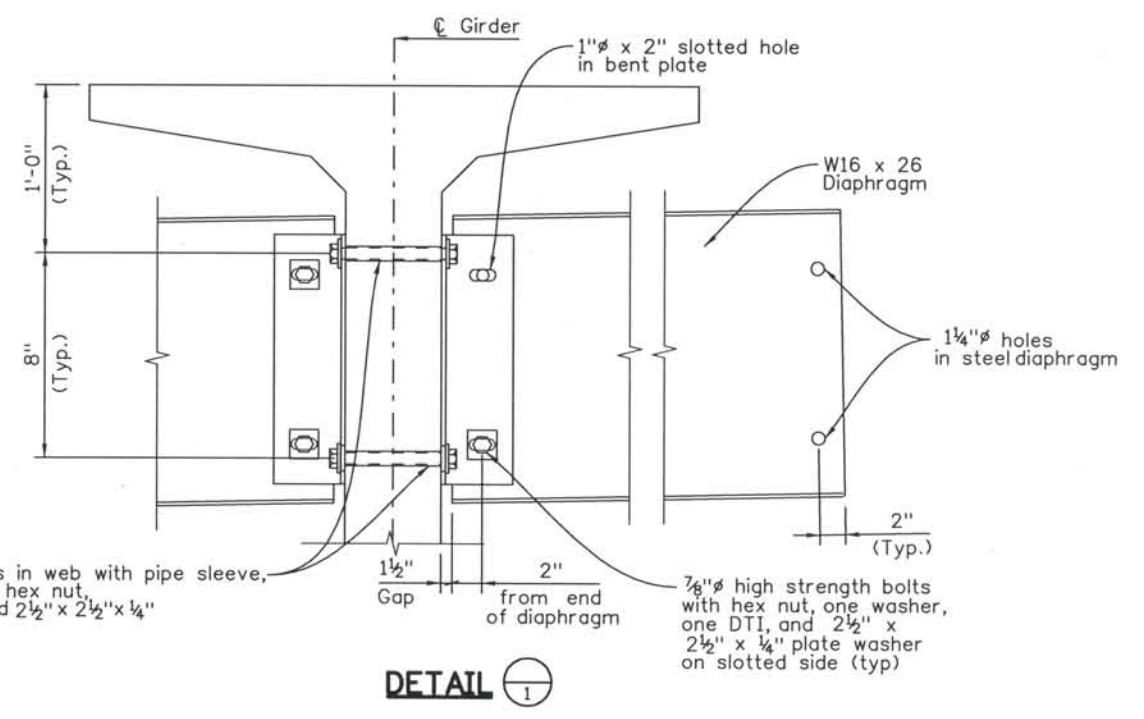
SECTION A-A
(at Exterior Girder)



SECTION B-B
(at Interior Girder)



SECTION C-C
(at Interior Girder along Skew)



DETAIL 1

Form 1 3/8" holes in web with pipe sleeve, A307 bolts with hex nut, lock washers and 2 1/2" x 2 1/2" x 1/4" plate washers

NOTES:

- All diaphragm structural steel shall be ASTM A709M grade 50. All bolts, nuts and washers shall be ASTM A325M type 1.
- All diaphragm materials, including bolts, nuts and washers shall be galvanized. Galvanizing may not be done before fabrication. Zinc or aluminum metalizing is an alternate to galvanizing.
- If the construction layout does not specify, all spans shall have at least one diaphragm near \bar{C} of the span. Bolts connecting the diaphragm to the bent plate shall be tensioned using a torque wrench after all components are installed. Use DTI's where bolt tensioning is required. Bolts connecting bent plate to concrete girder shall be wrench tightened only.
- Girders shall be held rigidly in place when diaphragms are placed.
- The bent dimensions shown for connection plate may need to be adjusted for superelevations over 4%.
- The contractor is responsible for determining the necessary bracing requirements and for providing adequate bracing for the specific wind and weather conditions to be encountered.
- No girders shall be erected and left unbraced. The intermediate diaphragm shall be connected to the adjacent girders simultaneously with the erection of the girders.
- Use and installation of the intermediate diaphragms shall not relieve the contractor of full responsibility to construct the work in a manner which provides all necessary rigidity, provides in the finished structure the lines and grades indicated on the plans and supports all loads imposed.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:39:55 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 PRESTRESSED CONCRETE I-GIRDER
 2 OF 3

File Name: DS1-BRDK-GR02.dgn
 Structure Number: I-17-DJ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-DJ-B13
 Structure Sheet No.: B13 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/3/2008
 Time Plotted: 10:39:58 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

GIRDER SCHEDULE												
Span No.	Girder No.	L (feet)	Lh (feet)	A _s * (in sq)	E _E (inch)	E _{MS} (inch)	F _J (kips)	F _F (kips)	Concrete Strength		Δ (inch)	Predicted Camber (inch)
									f' _{ci} (psi)	f' _c (psi)		
1	G1	48.81	-	1.736	2.00	2.00	352	307	5000	7000	0.3	0.3
	G2	48.80	-	1.736	2.00	2.00	352	307	5000	7000	0.3	0.3
2	G1	48.71	-	1.736	2.00	2.00	352	307	5000	7000	0.3	0.3
	G2	48.71	-	1.736	2.00	2.00	352	307	5000	7000	0.3	0.3
3	G1	48.90	-	1.736	2.00	2.00	352	307	5000	7000	0.3	0.3
	G2	48.91	-	1.736	2.00	2.00	352	307	5000	7000	0.3	0.3

NOTES:

When approved by the Engineer, a minimum of tack welding will be permitted on ASTM A706 uncoated reinforcing steel.

Reinforcing projecting from the top of the girder and reinforcing within eight feet of an expansion device in the bridge deck shall be epoxy coated. Damaged coating on girder reinforcing needs to be repaired. The minimum cover for reinforcing steel is 1".

At girder ends not embedded in concrete diaphragms, cut strands off 1" below the surface of the concrete and finish with an approved epoxy grout. At girder ends embedded in concrete diaphragms, cut strands to project 3", except as shown. Do not make cosmetic repairs (damage less than deep) to the parts of the girders embedded in concrete.

Use low relaxation strands meeting the requirements of ASTM A-416 Grade 270. The minimum clear distance between groups or individual strands shall be 2.3 (d_s) but not less than 1 1/4". The minimum cover for prestressing steel is 1 1/2".

A minimum of two harping points shall be used per girder. Harped strands shall be well distributed at the girder ends, starting within 4" of the top of the girder and distributed such that there is no space between strands greater than 1'-0" at the end of the girder. As an alternate the Contractor may place *4 x 10'-0" in the sides of the end of the web parallel to the harped strands such that there is no space greater than 1'-0".

- A_s* - minimum area of the prestressing steel.
- d_s - nominal strand diameter.
- f'_s - ultimate strength of prestressing steel.
- F_J - jacking force per girder.
- F_F - final force per girder after all losses.
- f'_{ci} - required concrete strength at release of prestress force.
- f'_c - required concrete strength at 28 days of age.
- L - length of girder along the grade of the girder.
- Δ - deflection at centerline of span due to cast-in-place slab, diaphragms, asphalt, curbs, rails, and walks.

Concrete shall be Class PS.

Entrained air is not required for girder concrete.

Use 1/2" chamfer on all corners, except as noted.

Predicted camber is the camber for the girder alone at 90 days. The Contractor shall limit the camber growth to a value not to exceed the predicted camber plus 1" prior to the deck pour before weighing, scheduling fabrication, post tensioning, or other means and must report to the Engineer values of camber which exceed the predicted camber plus 1". Remedial measures, as approved by the Engineer, shall be taken if the predicted camber plus 1" is exceeded. The approved remedial measures shall be free of any adverse impact. The costs associated with all remedial measures shall be borne by the Contractor.

Product dimensional tolerances specified in MNL-116 Section 6.4 shall apply as specification tolerance.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 PRESTRESSED CONCRETE I-GIRDER
 3 OF 3

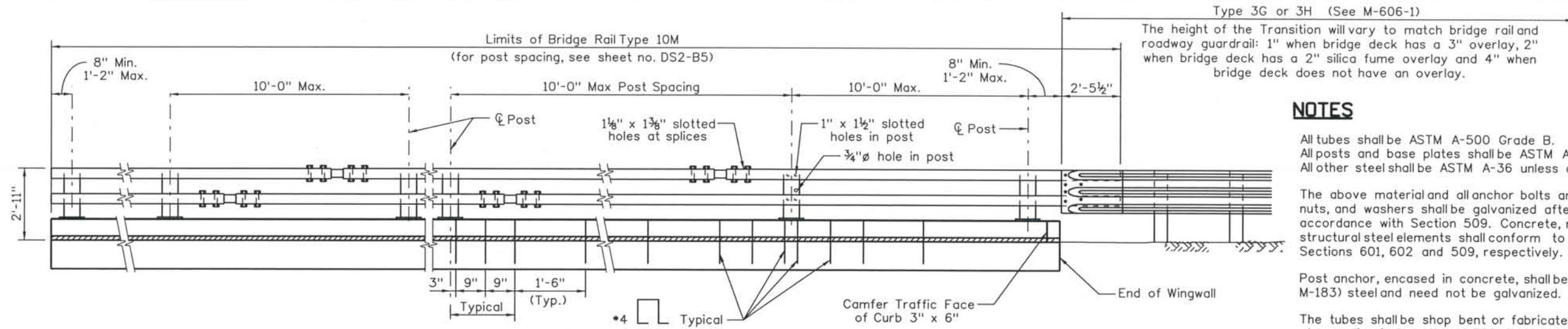
File Name: DS1-BRDK-GR03.dgn
 Structure Number: I-17-DJ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-DJ-B14
 Structure Sheet No.: B14 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/3/2008
 Time Plotted: 10:40:01 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/2 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge As-Built



RAIL PANEL AT TERMINAL SECTION

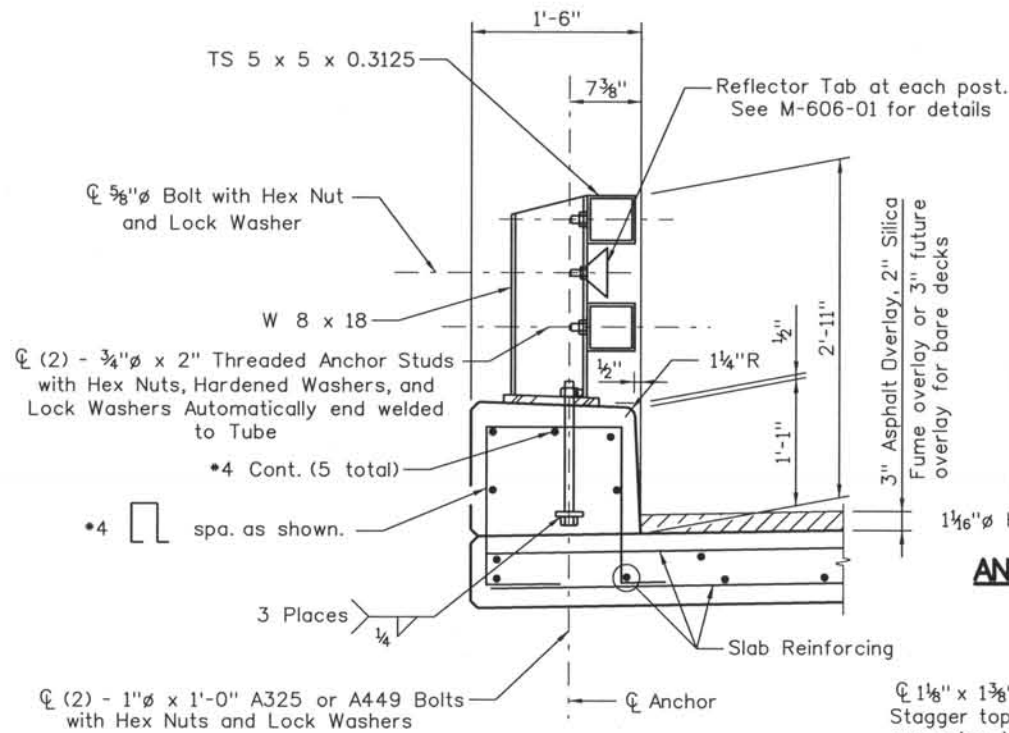
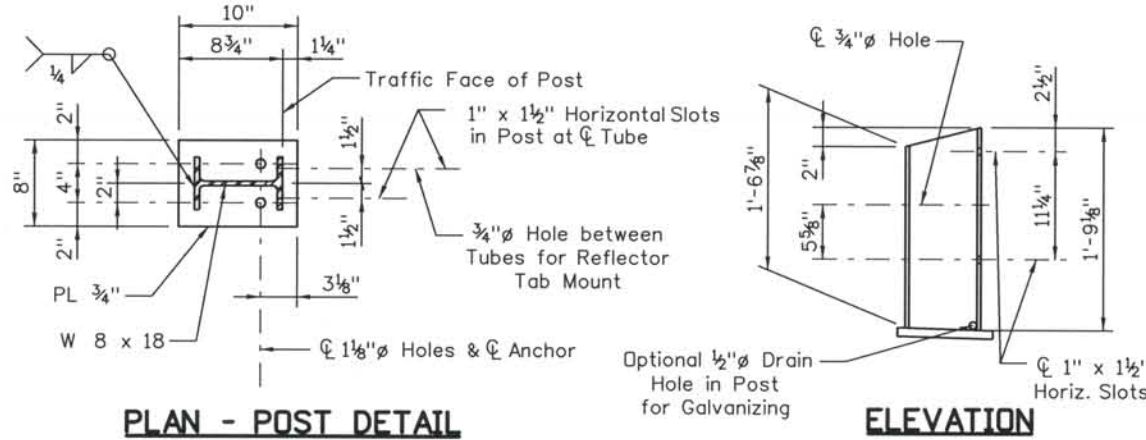
(See Roadway plans for ends not attached to Guard Rail.)

RAIL PANEL AT EXPANSION DEVICE

RAIL PANEL AT TRANSITION SECTION

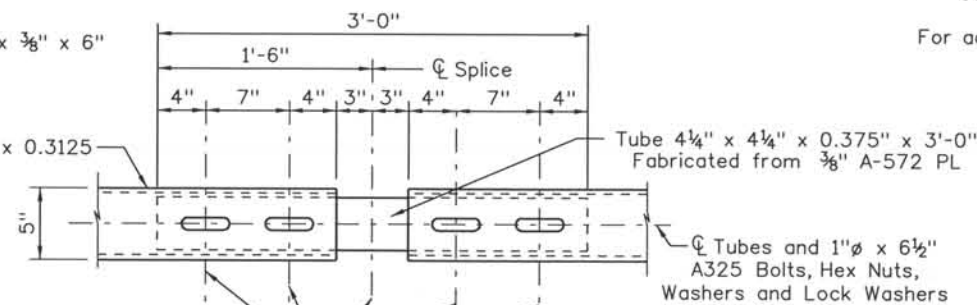
(See roadway plans for ends requiring attachment to guard rail.)

ELEVATION - BRIDGE RAIL



ANCHOR DETAIL

1 1/8" x 1 3/8" Slots at tube splice, Slot both inner and outer tubes. Stagger top and bottom splices into different post spacings except at expansion joint, place at opposite ends of same post space.



NOTES

- All tubes shall be ASTM A-500 Grade B.
- All posts and base plates shall be ASTM A-572 Grade 50.
- All other steel shall be ASTM A-36 unless otherwise noted.
- The above material and all anchor bolts and miscellaneous bolts, nuts, and washers shall be galvanized after fabrication in accordance with Section 509. Concrete, reinforcing steel, and structural steel elements shall conform to the requirements of Sections 601, 602 and 509, respectively.
- Post anchor, encased in concrete, shall be ASTM A-36 (AASHTO M-183) steel and need not be galvanized.
- The tubes shall be shop bent or fabricated to fit horizontal curve when radius is less than 1,500 feet.
- Tubes shall be continuous over not less than two posts. No welded butt splices will be allowed in the tube sections.
- The centerline of the tube splice shall be 1'-8" minimum and 2'-6" maximum from the centerline of the posts.
- All bolts that have lock washers shall be tightened to snug only.
- Posts shall be perpendicular to the longitudinal roadway grade.
- One or more 10'-0" post spacings may be reduced (6'-8" min.) in order to maintain dimensions from the end of the rail and expansion joints.
- Payment will be made under Item 606, Bridge Rail Type 10M for all posts, post anchors, base plates, backing plates, anchor bolts, miscellaneous bolts, nuts, washers, tubes, tube expansion devices, tube splices, end plates, curb concrete (Class D), curb reinforcing steel, and reflector tabs.
- Prior to fabrication of this item, three sets of working drawings which comply with the requirements of Section 105, shall be submitted to the Engineer for information only.
- Structural Steel:
 - AASHTO M-183 (ASTM A-36) $f_y = 36,000$ psi
 - AASHTO M-223 (ASTM A-572) Grade 50 $f_y = 50,000$ psi
 - Cold formed ASTM A-500 Grade B $f_y = 46,000$ psi
- For additional details see next rail sheets.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



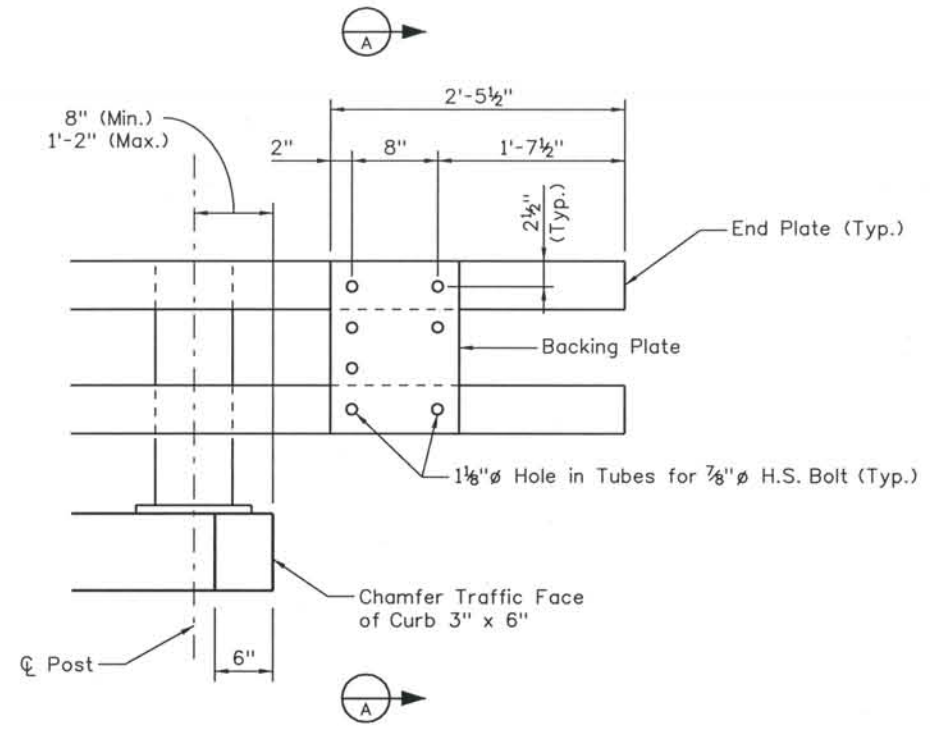
DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 BRIDGE RAIL TYPE 10M
 1 OF 2

File Name: DSI-BRDK-RD01.dgn
 Structure Number: I-17-DJ

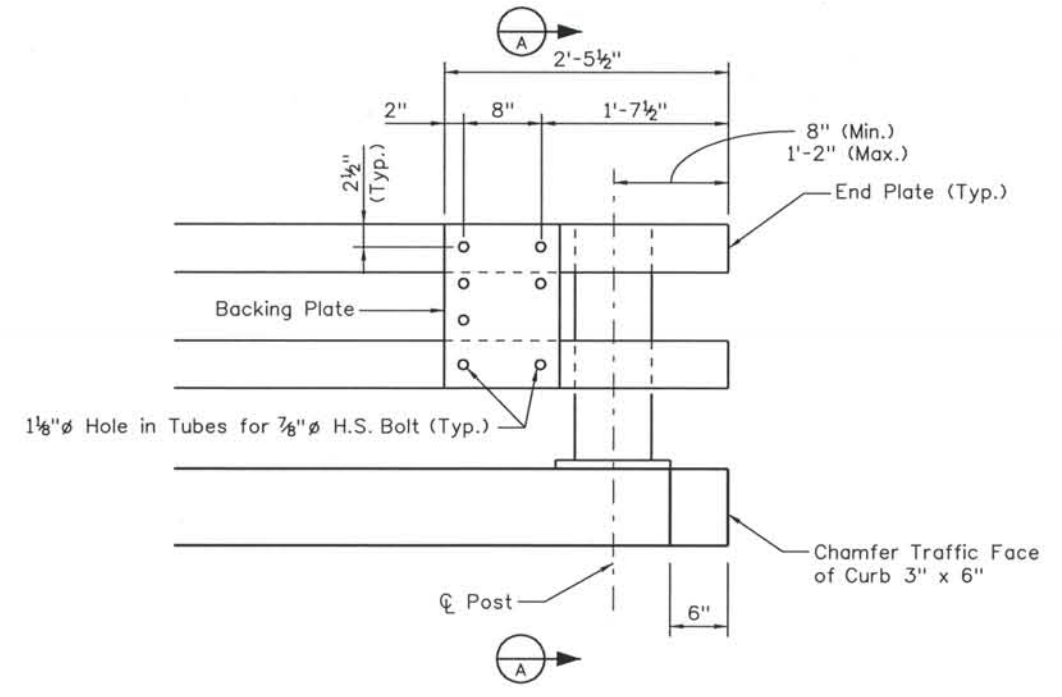
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-DJ-B15
 Structure Sheet No.: B15 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

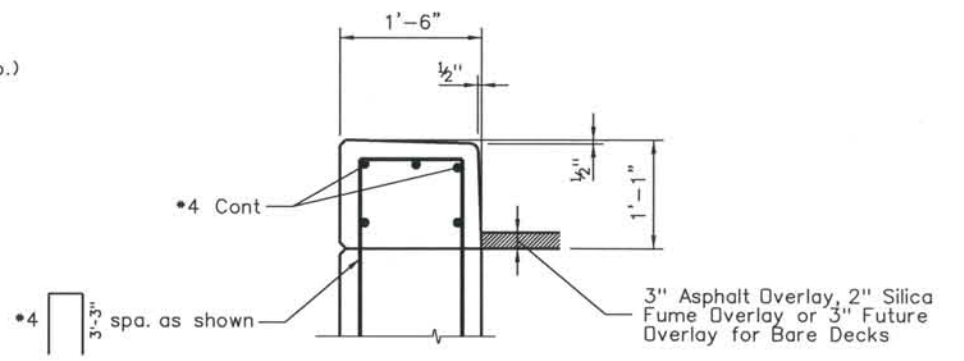
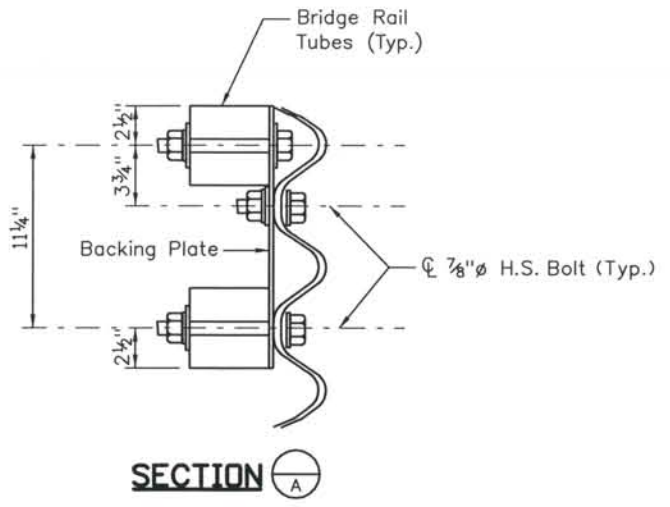
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



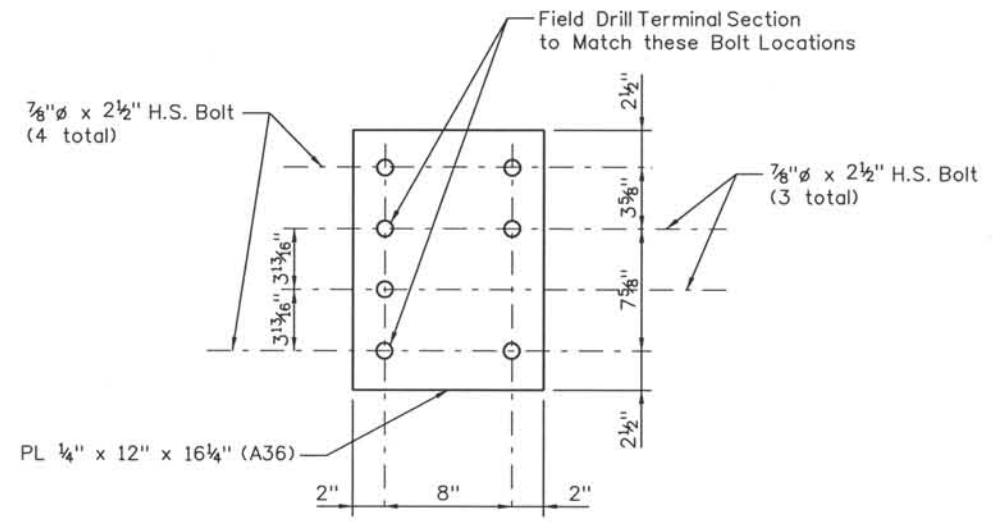
RAIL TUBE DETAILS
 (Use with Bridge Rail Type 10M)
 Thrie beam not shown



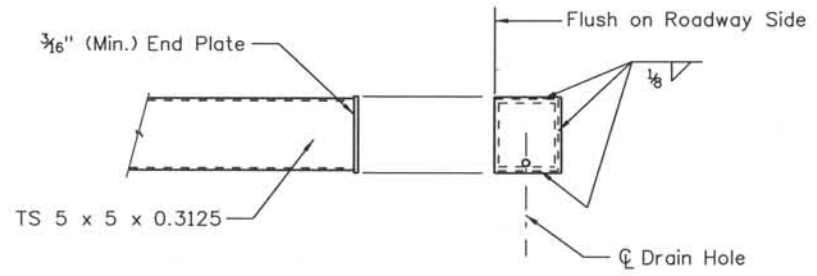
RAIL TUBE DETAILS
 (Use with Bridge Rail Type 10H or 10R)
 Thrie beam not shown



SECTION
 Use when curb is placed on top of a wall.



BACKING PLATE
 Holes are 1 1/8" ϕ for 7/8" ϕ H.S. bolts with hex nuts, 2 PL washers, and 1 lock washer.



END PLATE DETAIL

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:40:04 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



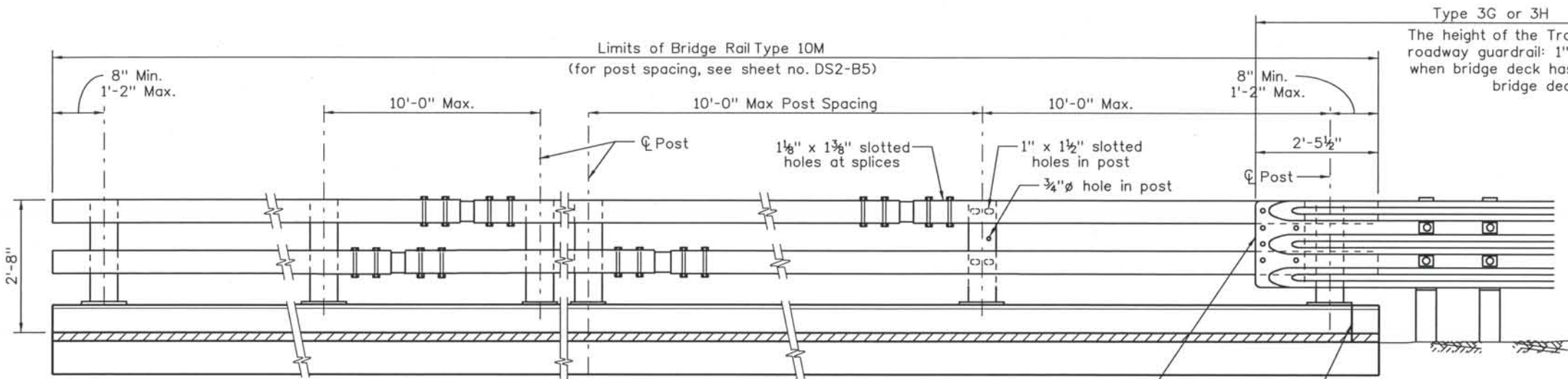
DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 BRIDGE RAIL TYPE 10M
 2 OF 2

File Name DSI-BRDK-RD02.dgn
 Structure Number
 I-17-DJ

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DSI-DJ-B16
 Structure Sheet No. B16 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



NOTES

All tubes shall be ASTM A-500 Grade B.
 All posts and base plates shall be ASTM A-572 Grade 50.
 All other steel shall be ASTM A-36 unless otherwise noted.

The above material and all anchor bolts and miscellaneous bolts, nuts, and washers shall be galvanized after fabrication in accordance with Section 509. Concrete, reinforcing steel, and structural steel elements shall conform to the requirements of Sections 601, 602 and 509, respectively.

The tubes shall be shop bent or fabricated to fit horizontal curve when radius is less than 1,500 feet.

Tubes shall be continuous over not less than two posts.

The centerline of the tube splice shall be 1'-8" minimum and 2'-6" maximum from the centerline of the posts.

All bolts that have lock washers shall be tightened to snug only.

Posts shall be perpendicular to the longitudinal roadway grade.

One or more 10'-0" post spacings may be reduced (6'-8" min.) in order to maintain dimensions from the end of the rail and expansion joints.

Payment will be made under Item 606, Bridge Rail Type 10R for all posts, base plates, backing plates, anchor bolts, miscellaneous bolts, nuts, washers, tubes, tube expansion devices, tube splices, end plates, cored holes, grout, and reflector tabs.

Prior to fabrication of this item, three sets of working drawings which comply with the requirements of Section 105, shall be submitted to the Engineer for information only.

Structural Steel:
 AASHTO M-183 (ASTM A-36) fy=36,000 psi
 AASHTO M-223 (ASTM A-572) Grade 50 fy=50,000 psi
 Cold formed ASTM A-500 Grade B fy=46,000 psi

For additional details see Bridge Rail Type 10M (2 of 2)

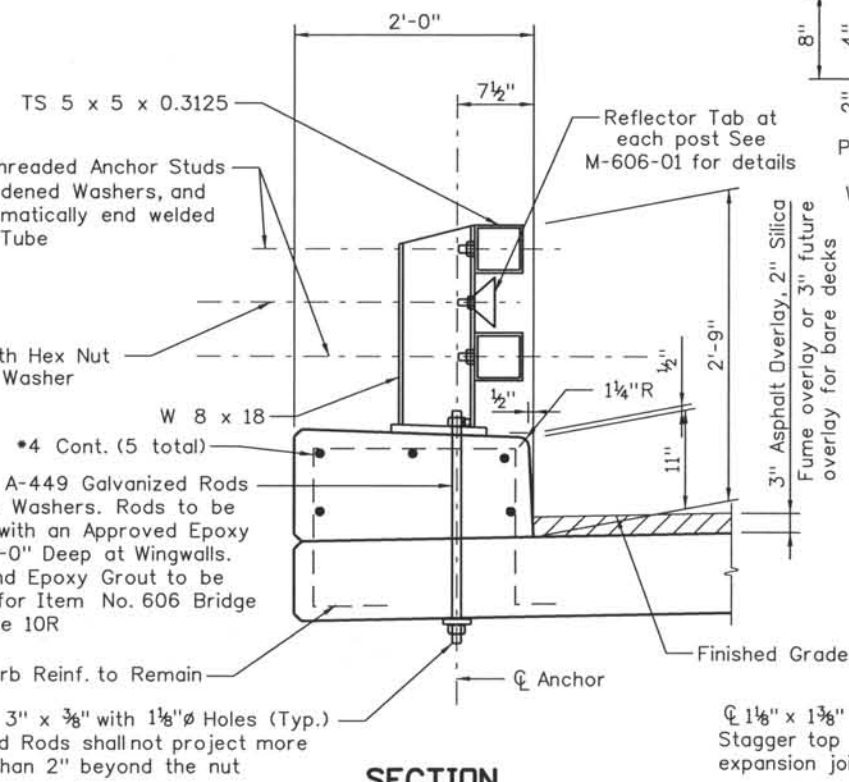
RAIL PANEL ON WING TERMINAL SECTION

(See Roadway plans for ends not attached to Guard Rail.)

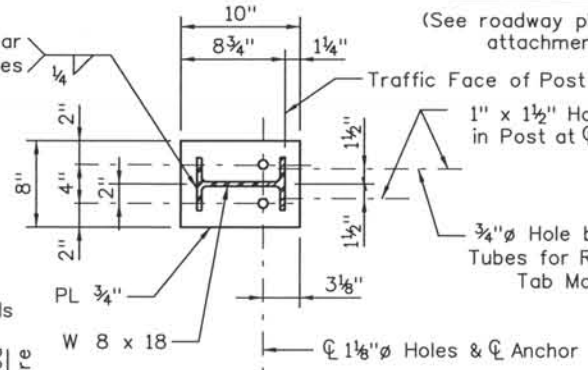
ELEVATION - BRIDGE RAIL

RAIL PANEL ON WING TRANSITION SECTION

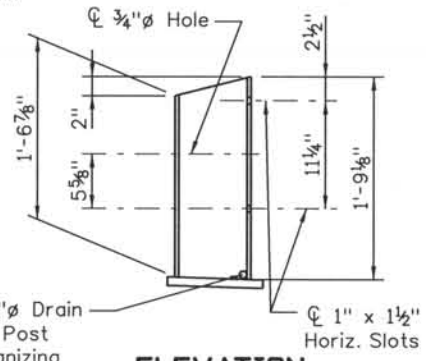
(See roadway plans for ends requiring attachment to guard rail.)



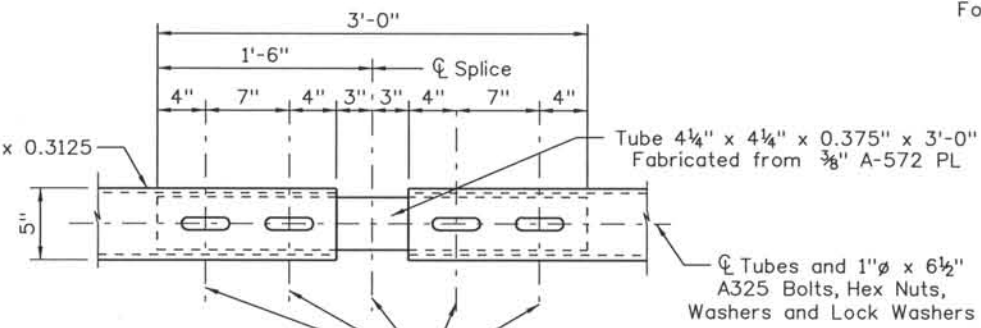
Keep Weld 3/8" Clear of Anchor Bolt Holes



PLAN - POST DETAIL



ELEVATION



PLAN - TUBE SPLICE

1 1/8" x 1 3/8" Slots at tube splice, Slot both inner and outer tubes.
 Stagger top and bottom splices into different post spacings except at expansion joint, place at opposite ends of same post space.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:40:07 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

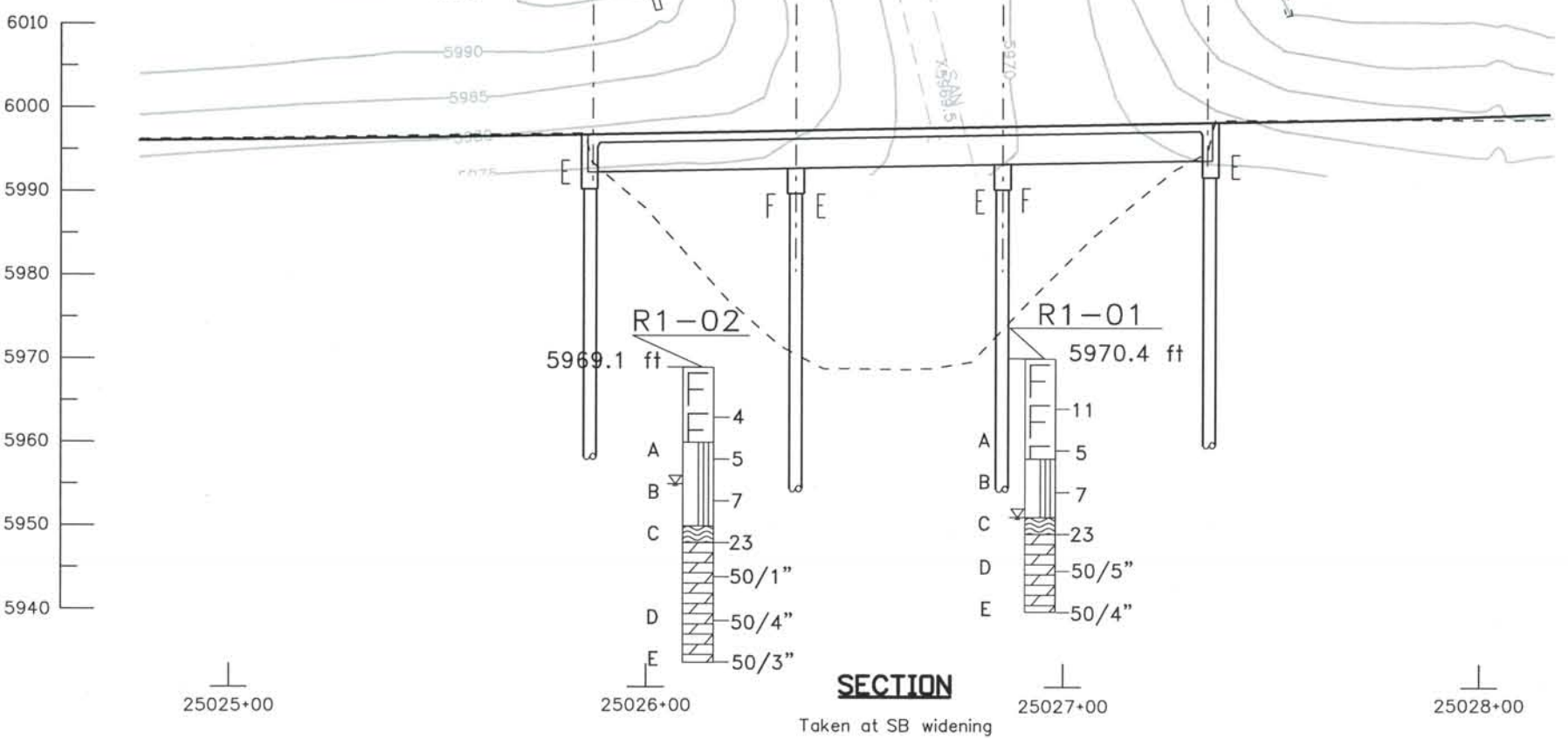
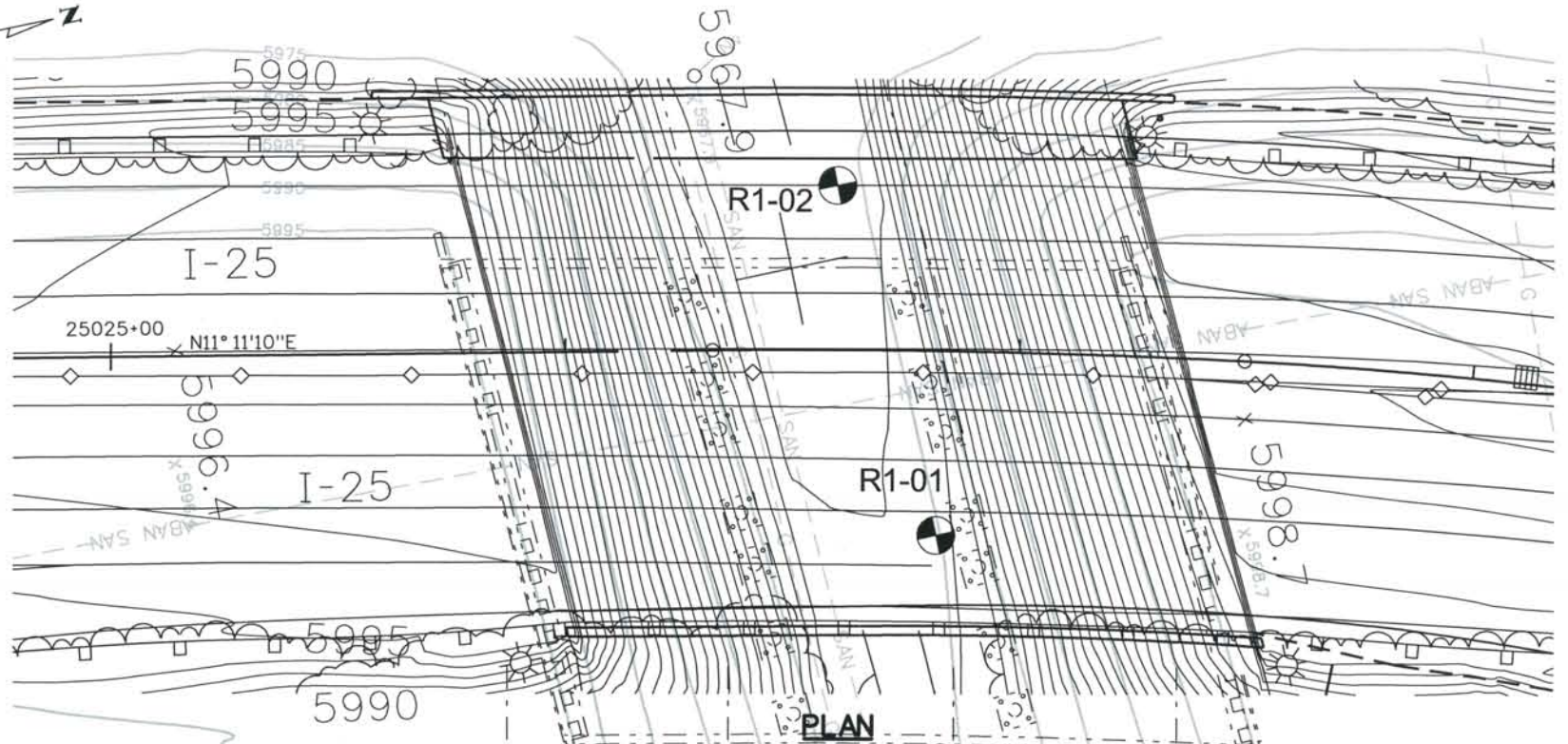
COSMIX
 COLORADO SPRINGS METRO INTERSTATE EXPANSION
ROCKRIMMON CONSTRUCTORS
 A SEMI-CORP. HILL JOINT VENTURE

DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 BRIDGE RAIL TYPE 10R MOD

File Name: DS1-BRDK-RD03.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-DJ	Project Dwg. No.: DS1-DJ-B17
	Structure Sheet No.: B17 of 18

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Sample Number	Depth (feet)	Sample Type	Classification		Grading Analysis (AASHTO)			Atterberg Limits			Natural Moisture Content %	Dry Density (pcf)	Corrosion Testing		Unconf. Comp. Strength (psf)
			USCS	AASHTO	Percent			Liquid Limit L _w	Plastic Limit P _w	Plastic Index I _w			pH	Water Soluble Sulfate %	
					Gravel	Sand	Fines <#200 (%)								
R1-01A	10	CA	SM	A-1-b (0)	38	44	18	NV	NP	NP	21.1	-	-	-	-
R1-01B	15	CA	-	-	-	-	-	36	15	21	20.6	96.0	-	-	-
R1-01C	20	CA	-	-	-	-	-	-	-	-	23.2	97.2	-	0.090	2448
R1-01D	25	CA	-	-	-	-	-	-	-	-	13.3	116.2	-	0.017	14201
R1-01E	30	CA	-	-	-	-	-	-	-	-	14.4	111.9	-	-	8814
R1-02A	10	CA	-	-	-	-	-	-	-	-	19.8	97.8	-	0.023	-
R1-02B	15	Bag	SP-SM	A-1-b (0)	11	80	9	NV	NP	NP	10.9	-	-	-	-
R1-02C	20	Bag	SC	A-2-b (0)	16	54	30	28	13	15	13.5	-	-	-	-
R1-02D	30	CA	-	-	-	-	-	-	-	-	13.3	113.6	-	-	2693
R1-02E	35	CA	-	-	-	-	-	-	-	-	18.0	105.1	-	-	2693

LEGEND

Soil Lithology

- Fill with Sand as major soil
- Poorly-graded Sand with Silt

Rock Lithology

- Weathered Claystone Bedrock
- CLAYSTONE

TYPICAL BORING SYMBOL

Location of boring by Rockrimmon Constructors

TYPICAL BORING LOG

Boring No.

Elev.

Ground Water

Graphic material description

Penetration Resistance (Blows per foot or inches of penetration)

Sample Identifier B

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY PAUL R. MACKLIN COLORADO P.E. NO. 28793

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:40:18 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 4.0 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

ROCKRIMMON CONSTRUCTORS
 A SEMACOM HILL JOINT VENTURE
 5700 E. Evans Avenue
 Phone: (303) 781-9590

COSMIX
 COLORADO SPRINGS METRO INTERSTATE EXPANSION

Yeh and Associates, Inc.
 Consulting Geotechnical Engineers
 Denver, CO 80222
 Fax: (303) 781-9583

DESIGN SEGMENT 1
 I-25 OVER MIDLAND TRAIL
 ENGINEERING GEOLOGY

File Name	DS1-BRDK-GP01_EGS.dgn
Structure Number	I-17-DJ
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-DJ-B18
Structure Sheet No.	B18 of B18

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/3/2008
 Time Plotted: 10:43:27 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Units: US Survey Foot
 Scale: No Scale

GENERAL NOTES

A COLORED STRUCTURAL CONCRETE COATING FINISH WILL BE REQUIRED, AS SHOWN ON THE PLANS, ON EXPOSED CONCRETE SURFACES. THE COLOR SHALL BE EQUIVALENT TO FEDERAL STANDARD 595B COLORS NO. 30313 AND 30227, AND IS TO BE SELECTED FROM TEST PANELS PROVIDED BY THE CONTRACTOR.

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M213.

THE FINAL FINISH FOR THE SURFACES TO RECEIVE A CONCRETE STAIN SHALL BE CLASS 2. ALL OTHER EXPOSED CONCRETE SURFACES SHALL RECEIVE A CLASS 1 FINISH TO ONE FOOT BELOW THE GROUND LINE.

GRADE 60 REINFORCING STEEL IS REQUIRED.

ALL REINFORCING STEEL SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED.

(N) DENOTES NON COATED REINFORCING STEEL.

FOR STRUCTURE NUMBER INSTALLATION, SEE STANDARD S-614-12.

LEVELING PADS ARE UNLAMINATED BEARINGS. THEY SHALL BE CUT OR MOLDED FROM AASHTO ELASTOMER GRADE 3, 4 OR 5 AS DESCRIBED IN TABLES 705-1 AND 705-2 WITH A DUROMETER (SHORE "A") HARDNESS OF 60.

STAY IN PLACE STEEL DECK FORMS ARE REQUIRED.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

DESIGN DATA

AASHTO, THIRD EDITION LRFD, 2004

DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN

LIVE LOAD: HL-93 (DESIGN TRUCK OR TANDEM, AND DESIGN LANE LOAD) - COLORADO PERMIT VEHICLE

DEAD LOAD: ASSUMES 36 LBS. PER SQ. FT. FOR FUTURE BRIDGE DECK OVERLAY ASSUMES 5 LBS. PER SQ. FT. FOR STAY IN PLACE FORMS

REINFORCED CONCRETE:

CLASS D CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi

CAISSON CONCRETE:

CLASS BZ CONCRETE: f'c = 4,000 psi
 REINFORCING STEEL: fy = 60,000 psi

DECK CONCRETE:

CLASS H CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi

PRESTRESSED CONCRETE:

CLASS PS CONCRETE: f'c = (SEE GIRDER DETAILS)
 f's = 270,000 psi

REINFORCING

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
----------	----	----	----	----	----	----	-----	-----

SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-7"	2'-0"	2'-6"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"
--	-------	-------	-------	--------	-------	-------	--------	-------

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
----------	----	----	----	----	----	----	-----	-----

SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-4"	1'-8"	2'-0"	2'-4"	3'-1"	3'-10"	4'-11"	6'-0"
--	-------	-------	-------	-------	-------	--------	--------	-------

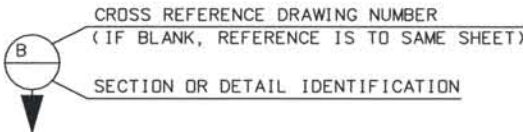
THE ABOVE SPLICE LENGTHS SHALL BE INCREASED BY 20 PERCENT FOR 3 BAR BUNDLES AND 33 PERCENT FOR 4 BAR BUNDLES.

THE ABOVE SPLICE LENGTHS MAY BE REDUCED BY 20% WHEN 3" OF CLEAR COVER EXISTS AND BAR SPACING IS 6" OR GREATER ON CENTER.

ALL SPLICES SHALL BE STAGGERED UNLESS SHOWN OTHERWISE.

ABBREVIATIONS

E.F. = EACH FACE
 F.F. = FAR FACE
 N.F. = NEAR FACE
 WP = WORKING POINT



INDEX OF DRAWINGS

SHEET NO.	TITLE
B1	GENERAL INFORMATION
B2	GENERAL LAYOUT (1 OF 3)
B3	GENERAL LAYOUT (2 OF 3)
B4	GENERAL LAYOUT (3 OF 3)
B5	CONSTRUCTION SEQUENCE
B6	CONSTRUCTION LAYOUT
B7	FOUNDATION LAYOUT
B8	CAISSON DETAILS
B9	DRIVEN PILE DETAILS
B10	ABUTMENT 1 DIMENSIONS (1 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B11	ABUTMENT 1 DIMENSIONS (2 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B12	ABUTMENT 1 DIMENSIONS (1 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B13	ABUTMENT 1 DIMENSIONS (2 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B14	ABUTMENT 3 DIMENSIONS (1 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B15	ABUTMENT 3 DIMENSIONS (2 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B16	ABUTMENT 3 DIMENSIONS (1 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B17	ABUTMENT 3 DIMENSIONS (2 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B18	ABUTMENT 1 REINFORCING (1 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B19	ABUTMENT 1 REINFORCING (2 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B20	ABUTMENT 1 REINFORCING (1 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B21	ABUTMENT 1 REINFORCING (2 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B22	ABUTMENT 3 REINFORCING (1 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B23	ABUTMENT 3 REINFORCING (2 OF 2) SOUTHBOUND BRIDGE (I-17-00)
B24	ABUTMENT 3 REINFORCING (1 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B25	ABUTMENT 3 REINFORCING (2 OF 2) NORTHBOUND BRIDGE (I-17-0P)
B26	PIER 2 DIMENSIONS SOUTHBOUND BRIDGE (I-17-00)
B27	PIER 2 DIMENSIONS NORTHBOUND BRIDGE (I-17-0P)
B28	COLUMN DETAILS
B29	PIER CAP AND DIAPHRAGM DETAILS SOUTHBOUND BRIDGE (I-17-00) (1 OF 3)
B30	PIER CAP AND DIAPHRAGM DETAILS SOUTHBOUND BRIDGE (I-17-00) (2 OF 3)
B31	PIER CAP AND DIAPHRAGM DETAILS SOUTHBOUND BRIDGE (I-17-00) (3 OF 3)
B32	PIER CAP AND DIAPHRAGM DETAILS NORTHBOUND BRIDGE (I-17-0P) (1 OF 4)
B33	PIER CAP AND DIAPHRAGM DETAILS NORTHBOUND BRIDGE (I-17-0P) (2 OF 4)
B34	PIER CAP AND DIAPHRAGM DETAILS NORTHBOUND BRIDGE (I-17-0P) (3 OF 4)
B35	PIER CAP AND DIAPHRAGM DETAILS NORTHBOUND BRIDGE (I-17-0P) (4 OF 4)
B36	GROUT PAD DETAILS (1 OF 2)
B37	GROUT PAD DETAILS (2 OF 2)
B38	SUPERSTRUCTURE SECTION
B39	SLAB REINFORCING PLAN SOUTHBOUND BRIDGE (I-17-00)
B40	SLAB REINFORCING PLAN NORTHBOUND BRIDGE (I-17-0P)
B41	PRESTRESSED CONCRETE U-GIRDER (1 OF 3)
B42	PRESTRESSED CONCRETE U-GIRDER (2 OF 3)
B43	PRESTRESSED CONCRETE U-GIRDER (3 OF 3)

PROJECT STANDARD DRAWINGS

SHEET NO.	TITLE
BS1	BACKFILL AT ABUTMENTS
BS2	MECHANICALLY STABILIZED BACKFILL
BS5	BRIDGE RAIL TYPE 7
BS6	BRIDGE RAIL TYPE 10M MODIFIED (1 OF 2)
BS7	BRIDGE RAIL TYPE 10M MODIFIED (2 OF 2)
BS11	BRIDGE EXPANSION DEVICE DETAILS TYPE I (1 OF 3)
BS12	BRIDGE EXPANSION DEVICE DETAILS TYPE I (2 OF 3)
BS13	BRIDGE EXPANSION DEVICE DETAILS TYPE I (3 OF 3)
BS17	APPROACH SLAB TYPE II DETAILS (1 OF 3)
BS18	APPROACH SLAB TYPE II DETAILS (2 OF 3)
BS19	APPROACH SLAB TYPE II DETAILS (3 OF 3)
BS23	BRIDGE DRAIN TYPE 2

BRIDGE DESCRIPTION

TWO SPAN (71'-4", 81'-8") PRESTRESSED COLORADO U-GIRDER BRIDGES WITH CAST-IN-PLACE CONCRETE SLAB CARRYING I-25 NB/SB OVER COLORADO AVENUE. SOUTHBOUND STRUCTURE VARIES IN WIDTH, NORTHBOUND STRUCTURE IS 83'-6" OUT TO OUT, BOTH WITH BRIDGE RAIL TYPES 7 AND 10M.

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 GENERAL INFORMATION

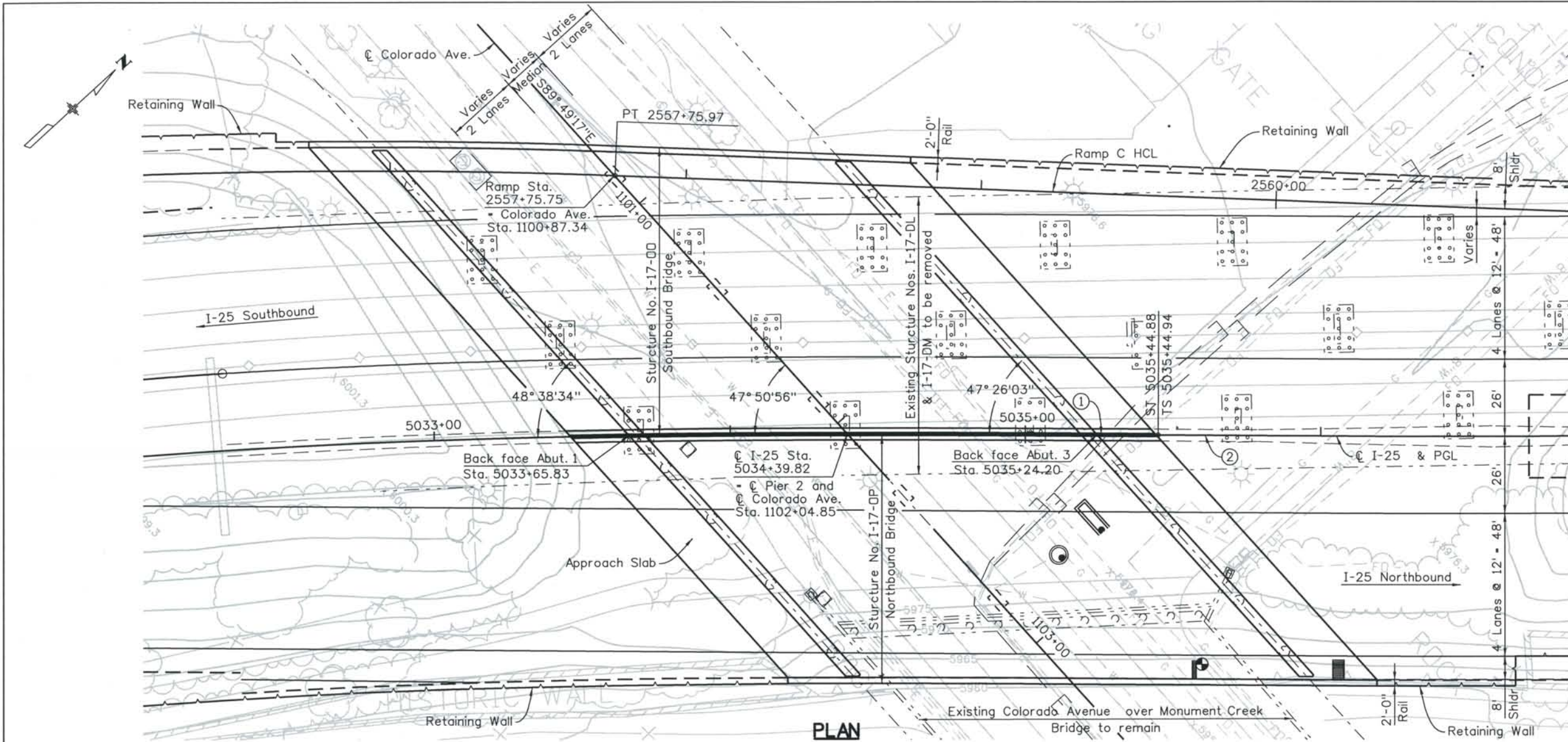
File Name: DS1-BR00-GN01.DGN
 Structure Number: I-17-00, I-17-0P

Project No./Code: IM 0252-370, S.A. 14740
 Project Dwg. No.: DS1-00-B1
 Structure Sheet No.: B1 of 43

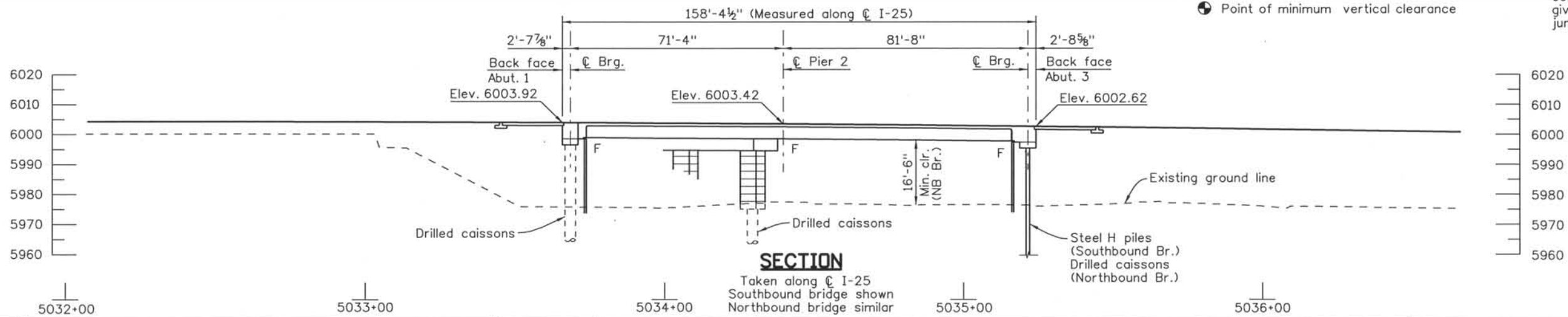
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:43:36 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 40 at 11x17
 Units: US Survey Foot



PLAN



SECTION

① CIRCULAR CURVE DATA
 C I-25 HCL
 $\Delta = 32^\circ 58' 31.33''$
 $\Delta c = 23^\circ 29' 39.41''$
 $T = 436.69'$
 $R = 2100.00'$
 $L = 861.11'$
 $PI Sta = 5027+85.88$

① SPIRAL CURVE DATA
 $\theta s1 = 4^\circ 46' 28.73''$
 $\theta s2 = 4^\circ 42' 23.18''$
 $Ls1 = 350.00'$
 $Ls2 = 345.00'$
 $Lt1 = 233.42'$
 $Lt2 = 230.08'$
 $St1 = 116.74'$
 $St2 = 115.07'$

② CIRCULAR CURVE DATA
 C I-25 HCL
 $\Delta = 40^\circ 57' 18.98''$
 $\Delta c = 30^\circ 43' 25.98''$
 $T = 576.94'$
 $R = 2100.00'$
 $L = 1126.09'$
 $PI Sta = 5045+06.17$

② SPIRAL CURVE DATA
 $\theta s1 = 4^\circ 46' 28.73''$
 $\theta s2 = 5^\circ 27' 24.27''$
 $Ls1 = 350.00'$
 $Ls2 = 400.00'$
 $Lt1 = 233.42'$
 $Lt2 = 266.79'$
 $St1 = 116.74'$
 $St2 = 133.45'$

NOTE:
 Access door and vault will be constructed at Abutment 3 to give access to four utility junction boxes.

● Point of minimum vertical clearance

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



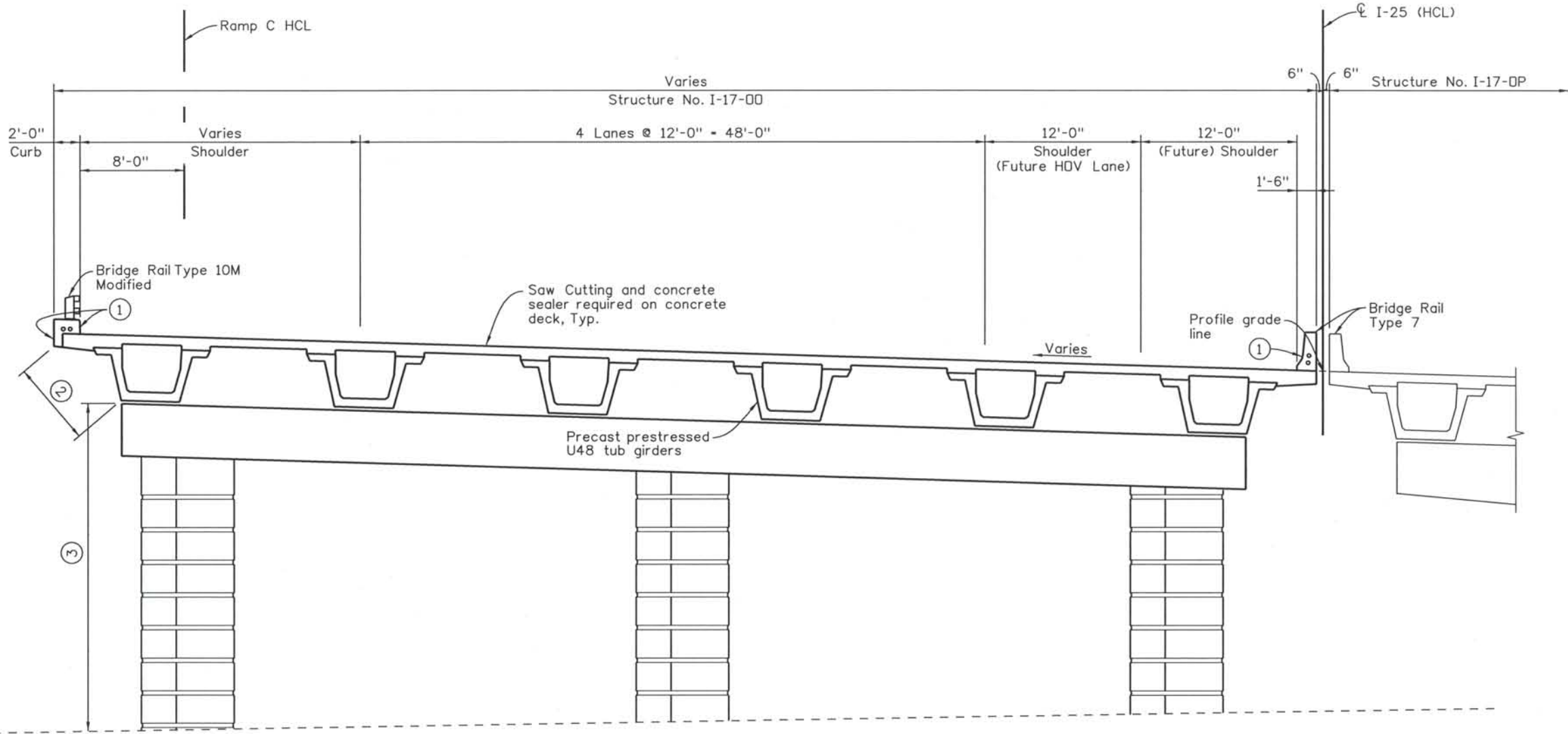
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 GENERAL LAYOUT
 1 OF 3

File Name: DS1-BR00-GP01.DGN
 Structure Number:
 I-17-00
 I-17-0P

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. STR-00-B2
 Structure Sheet No. B2 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

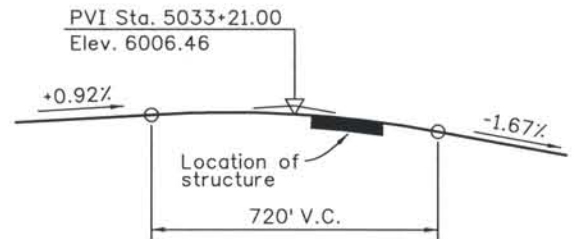


TYPICAL SECTION

LIMITS OF CONCRETE COATING

- ① Color shall be beige, equivalent to Federal standard 595B color No. 30313. Coating shall include exposed surface of Rail and outside face of deck.
- ② Color shall be beige, equivalent to Federal standard 595B color No. 30227. Coating shall include bottom soffit of overhangs and exterior face of exterior girders.
- ③ Color shall be beige, equivalent to Federal standard 595B color No. 30313. Coating shall include columns, pier cap, abutments and wingwalls

SUPERELEVATION TABLE		
Station	Left	Right
5032+00.00	+5.65%	-5.65%
5032+50.00	+5.28%	-5.28%
5033+00.00	+4.78%	-4.78%
5033+14.87	+4.61%	-4.61%
5036+95.00	0.00%	0.00%
5039+30.00	-4.03%	+4.03%



PROFILE GRADE

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:43:40 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 10 at 11x17
 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

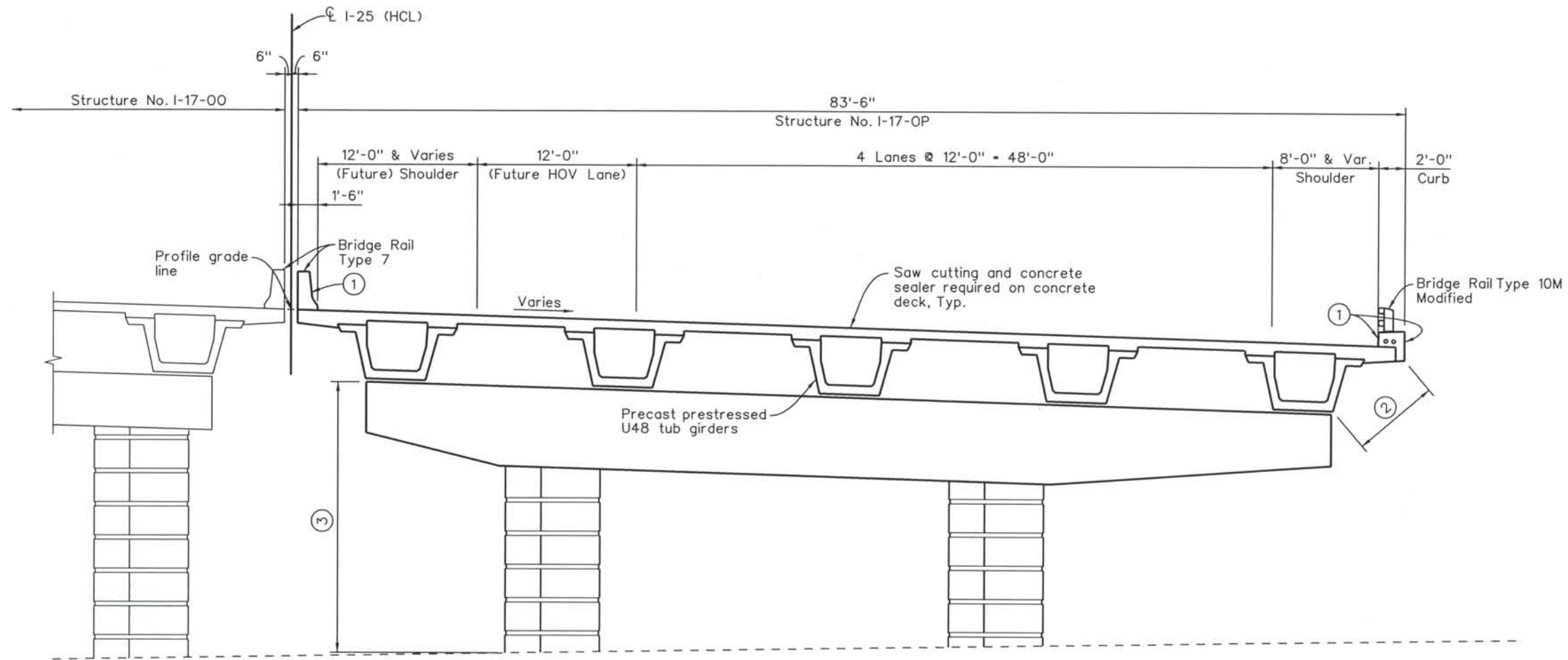
DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
GENERAL LAYOUT
2 OF 3

File Name	DS1-BR00-GP02.DGN
Structure Number	I-17-00 I-17-0P

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B3
Structure Sheet No.	B3 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



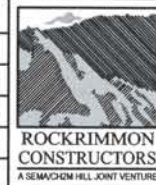
TYPICAL SECTION

Note:
See "General Layout 2 of 3" for limits of concrete coating.

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 2:36:52 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: 10 at 11x17
 Units: US Survey Foot
 327504.DS1 Bridge

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



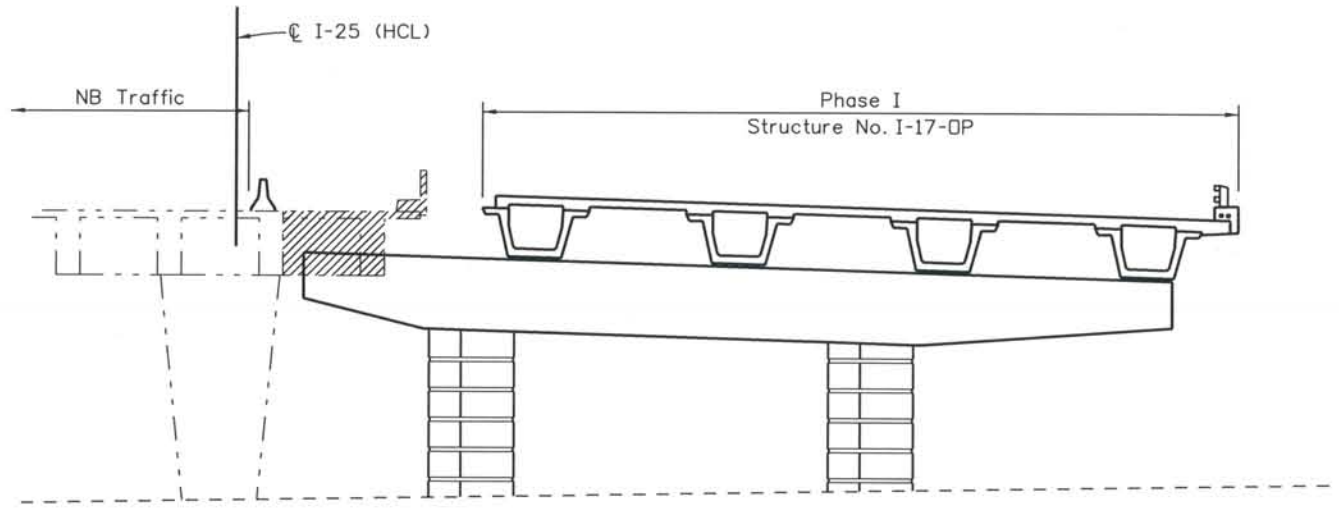
DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
GENERAL LAYOUT
3 OF 3

File Name DS1-BR00-GP03.DGN
 Structure Number
 I-17-00
 I-17-0P

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-00-B4
 Structure Sheet No. B4 of 43

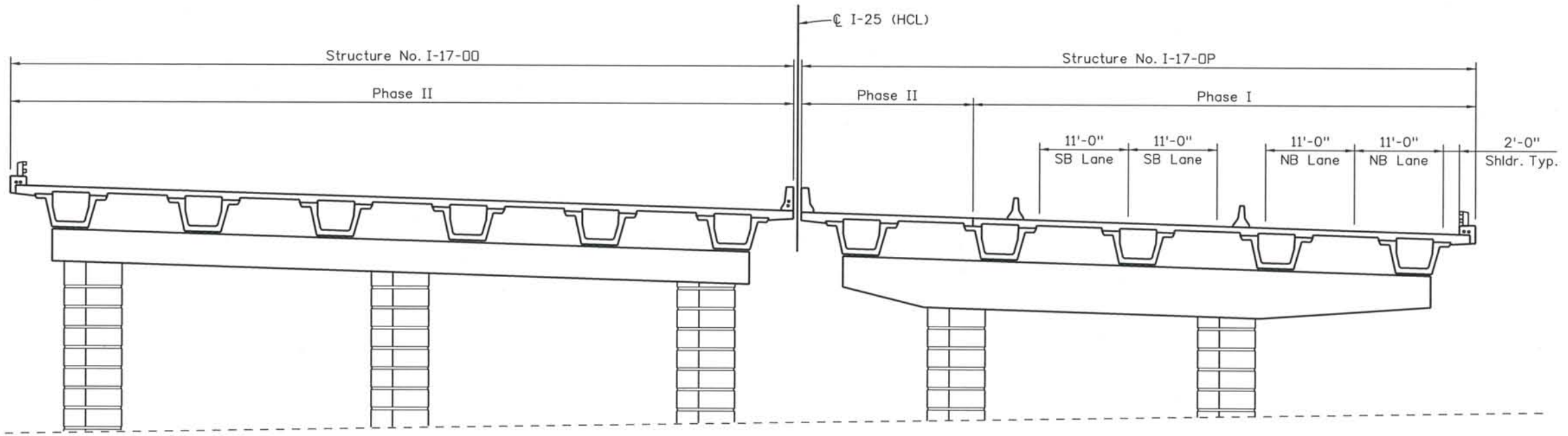
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PHASE I

1. Remove portion of existing I-25 NB Bridge over Colorado Avenue.
2. Construct Phase I portion of Abutments and all of Pier 2 for Structure I-17-0P.
3. Erect Girders G2, G3, G4 and G5 of Structure I-17-0P.
4. Construct Concrete Deck and Type 10M Barrier on Structure I-17-0P.



PHASE II

1. Construct Phase 2 of Abutments for Structure I-17-0P and Abutments and Piers for Structure I-17-00.
2. Erect Girder G1 for Structure I-17-0P and all girders for structure I-17-00.
3. Construct Concrete Deck and Barriers on Phase II Structure I-17-0P and all of Structure I-17-00.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:43:46 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
CONSTRUCTION SEQUENCE

File Name	DS1-BR00-CS01.dgn
Structure Number	I-17-00 I-17-0P

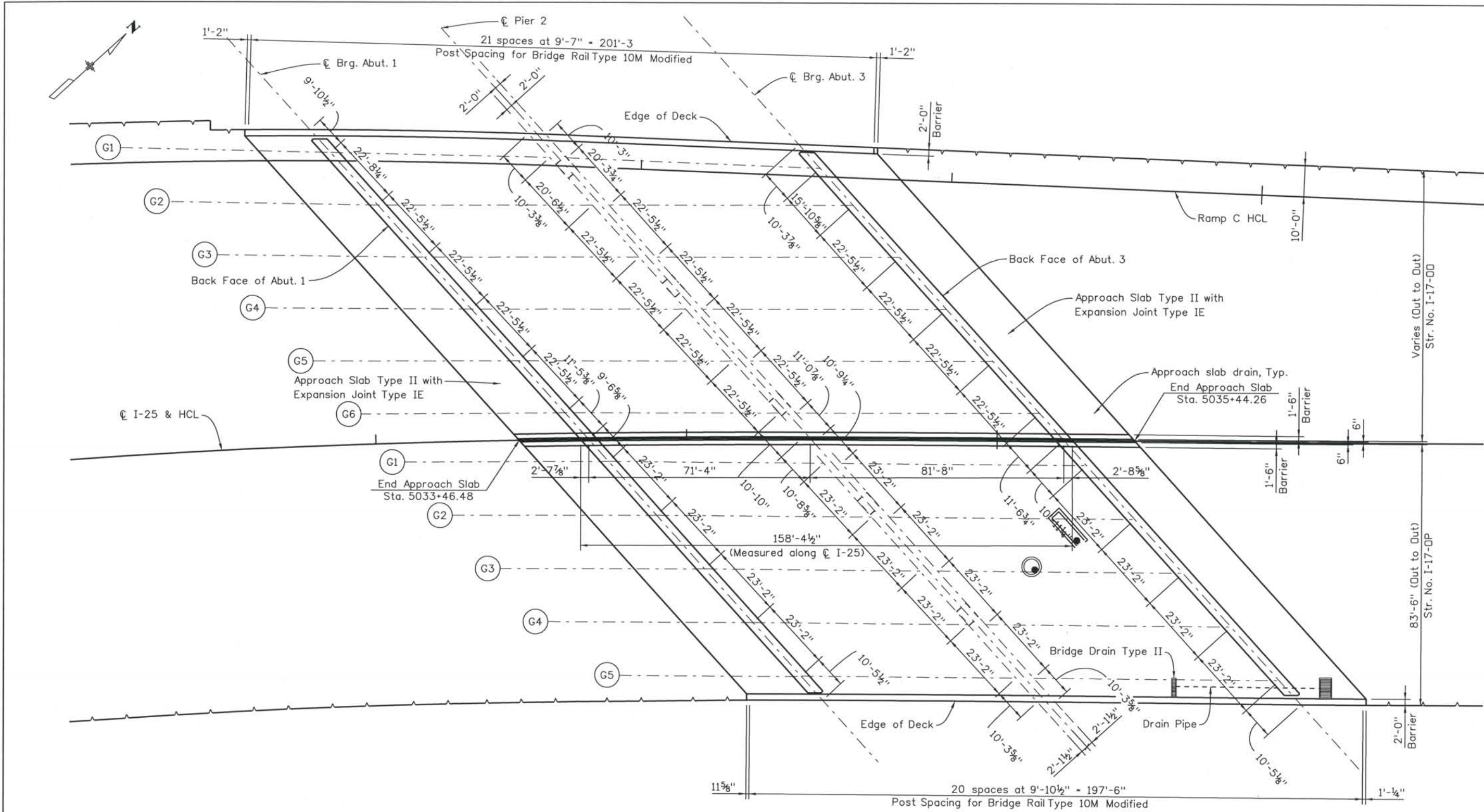
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DSS1-00-B5
Structure Sheet No.	B5 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:43:50 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/32 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge



NOTE:
For girder angles, see individual pier detail sheets.

CONSTRUCTION LAYOUT

DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
CONSTRUCTION LAYOUT

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

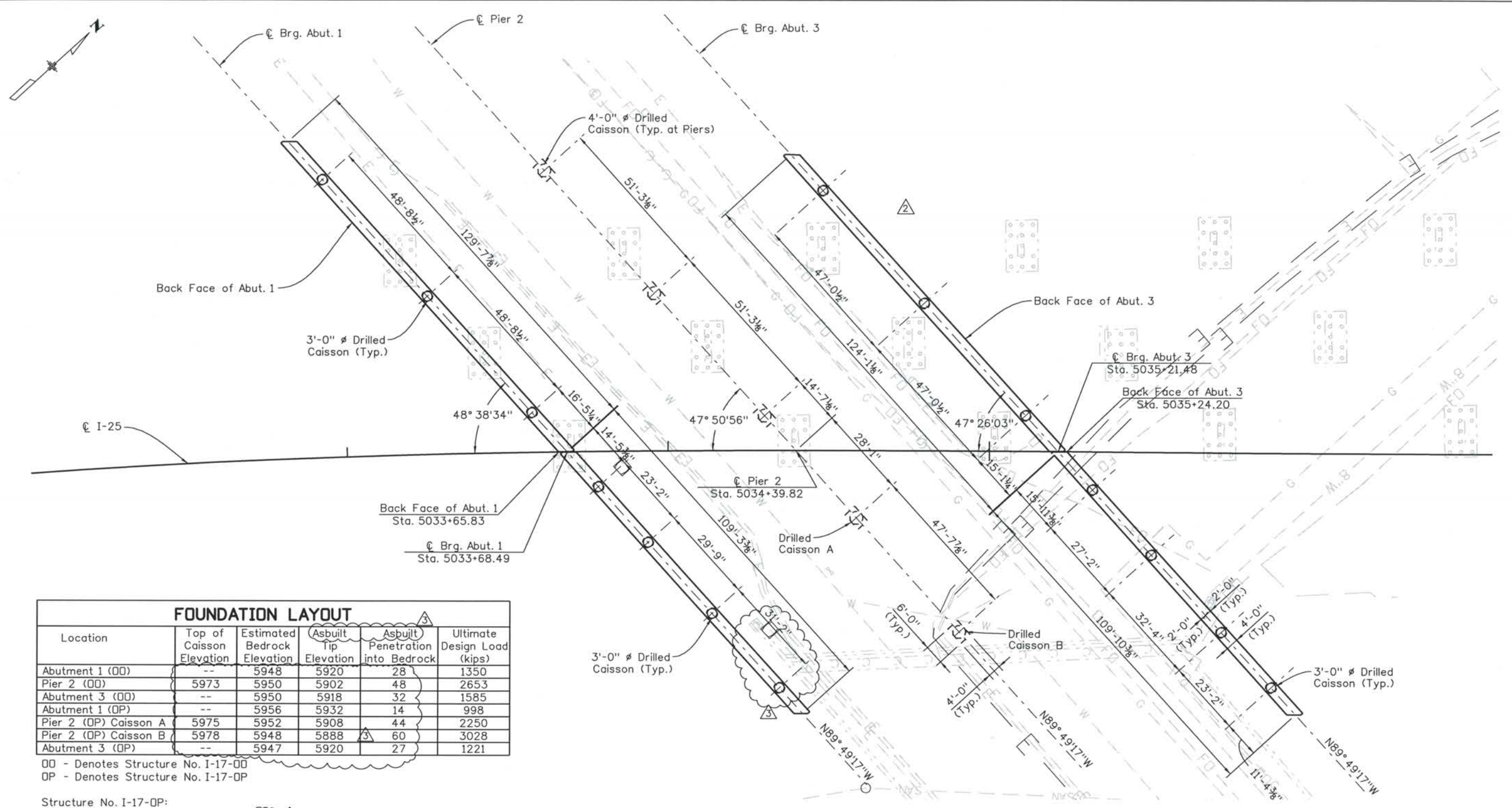


File Name	DS1-BR00-CL01.dgn
Structure Number	I-17-00 I-17-0P

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B6
Structure Sheet No.	B6 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



FOUNDATION LAYOUT					
Location	Top of Caisson Elevation	Estimated Bedrock Elevation	Asbuilt Tip Elevation	Asbuilt Penetration into Bedrock	Ultimate Design Load (kips)
Abutment 1 (OO)	--	5948	5920	28	1350
Pier 2 (OO)	5973	5950	5902	48	2653
Abutment 3 (OO)	--	5950	5918	32	1585
Abutment 1 (OP)	--	5956	5932	14	998
Pier 2 (OP) Caisson A	5975	5952	5908	44	2250
Pier 2 (OP) Caisson B	5978	5948	5888	60	3028
Abutment 3 (OP)	--	5947	5920	27	1221

OO - Denotes Structure No. I-17-00
 OP - Denotes Structure No. I-17-0P

Structure No. I-17-0P:
 Drilled Caisson A: Penetration = 44' Δ
 Drilled Caisson B: Penetration = 60'

NOTE:
 For girder angles, see individual pier detail sheets.

FOUNDATION LAYOUT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:43:54 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/32 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

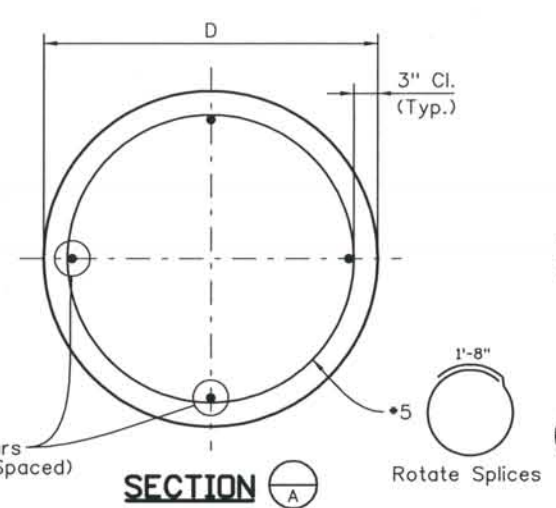
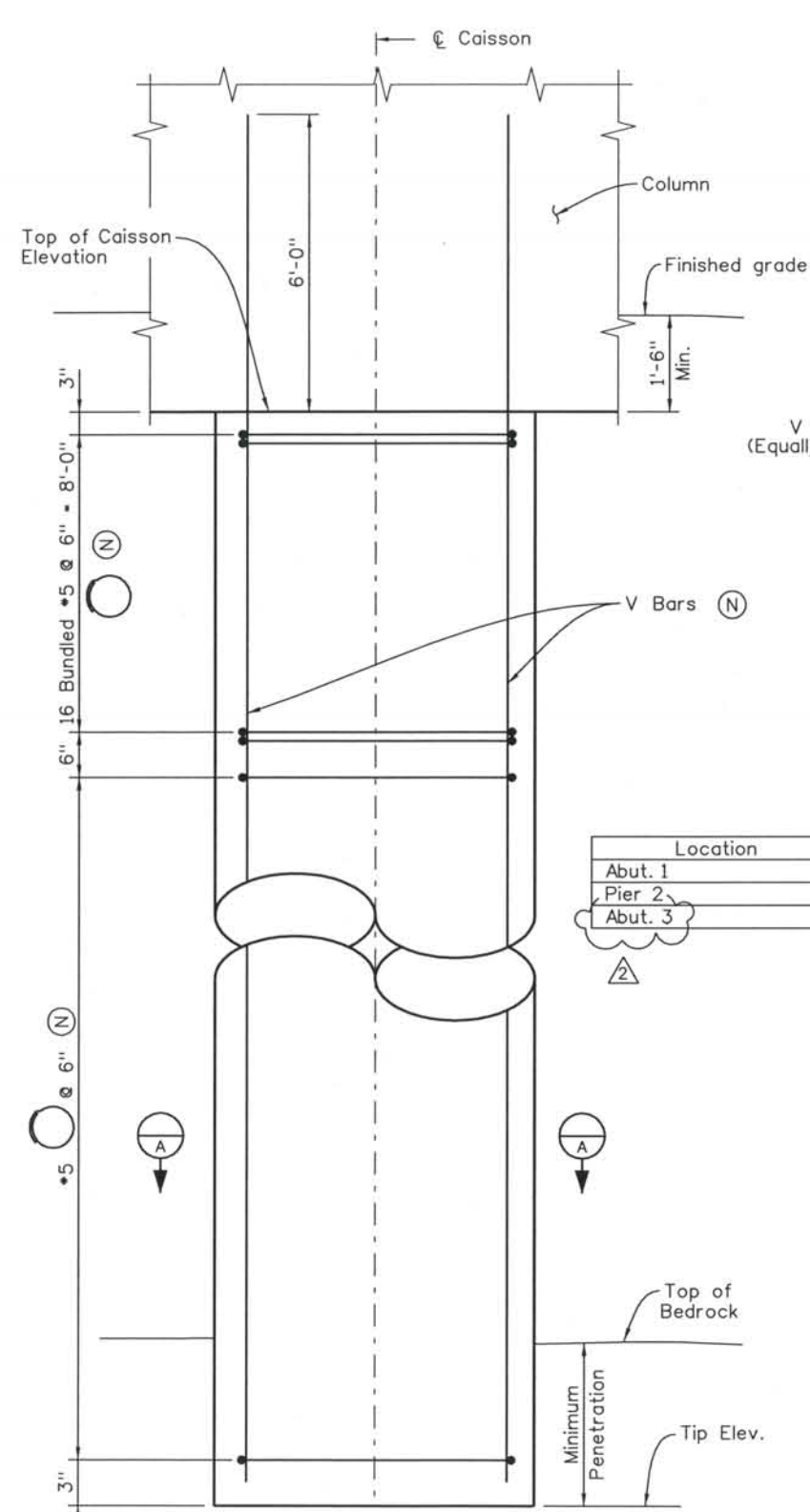
DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
FOUNDATION LAYOUT

File Name: DS1-BR00-FD01.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-00, I-17-0P	Project Dwg. No.: DS1-00-B7
	Structure Sheet No.: B7 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:43:57 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot



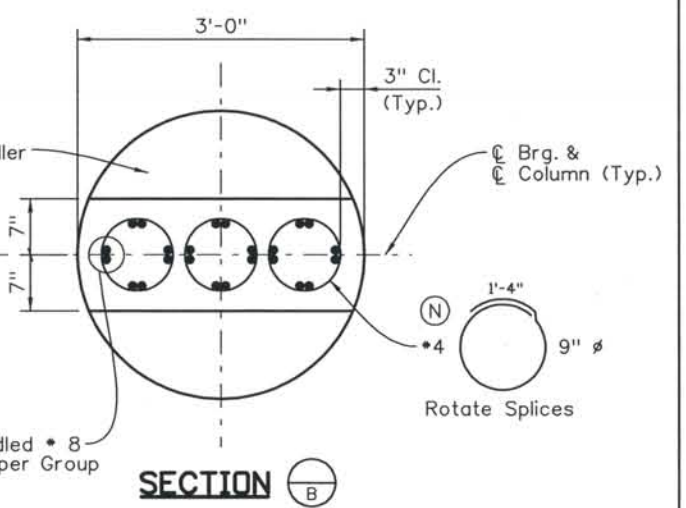
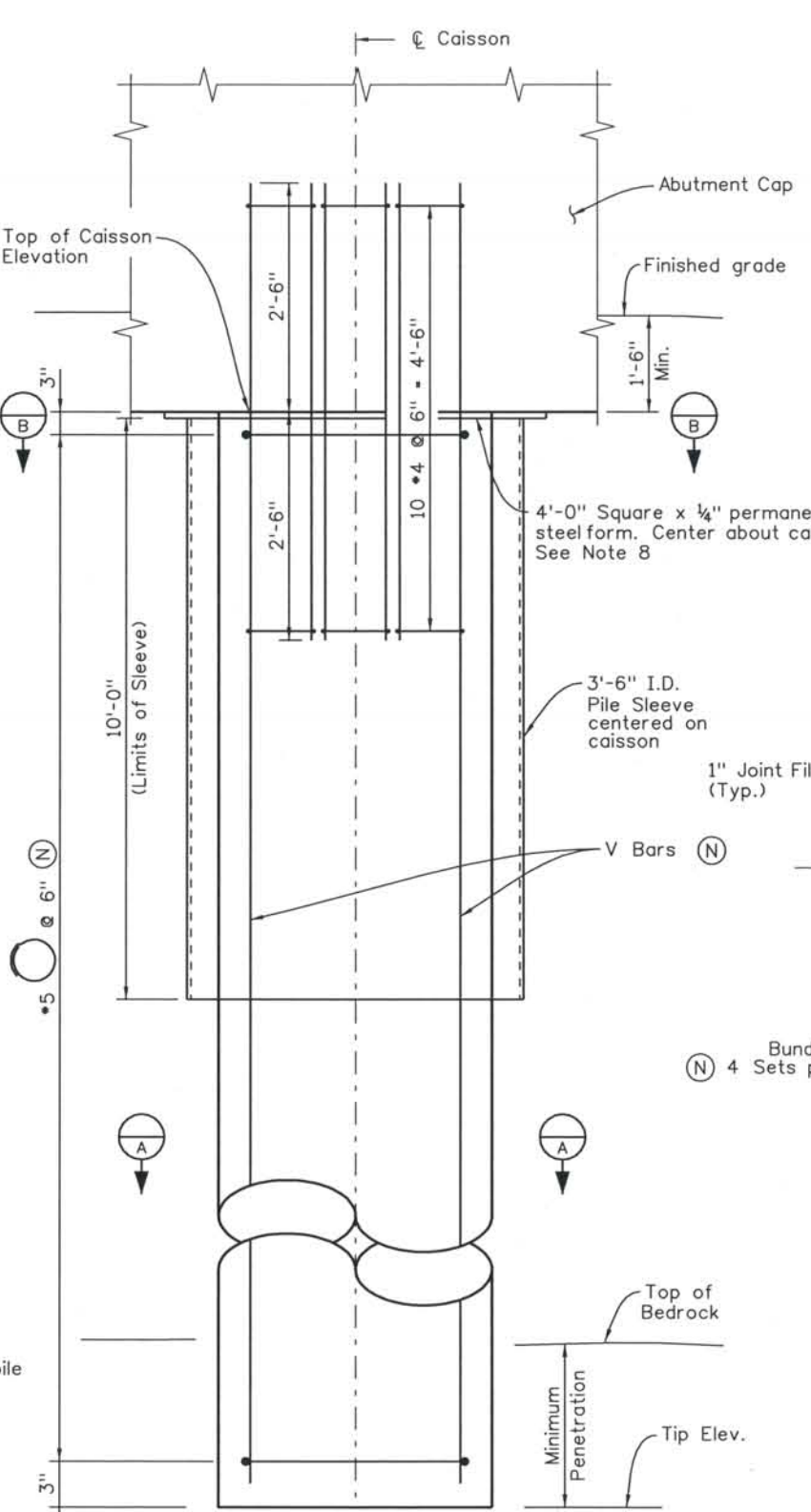
Location	D	V Bars (total)	V Bars (size)
Abut. 1	3'-0"	8	#11
Pier 2	4'-0"	14	#11
Abut. 3	3'-0"	8	#11

DRILLED CAISSON NOTES:

- Caisson concrete shall be concrete Class BZ.
- Use 6'-6" splice length for #11 bar and stagger all splices.
- Caisson reinforcing is to extend full depth of drilled hole.
- (N) - denotes non-epoxy coated reinf.
- Caisson sleeve to be corrugated metal steel pipe.
- Caisson sleeve to be galvanized.
- Abutment forms at top of sleeve not to restrict pile movement relative to sleeve.
- Steel form to be placed flush with top of sleeve.

CAISSON DESIGN DATA

Ultimate end bearing 210 ksf $\phi = 0.5$
 Ultimate side shear 4.5 ksf $\phi = 0.65$



ELEVATION - ABUTMENT

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 CAISSON DETAILS

File Name: DS1-BR00-PD01.DGN
 Structure Number:
 I-17-00
 I-17-0P

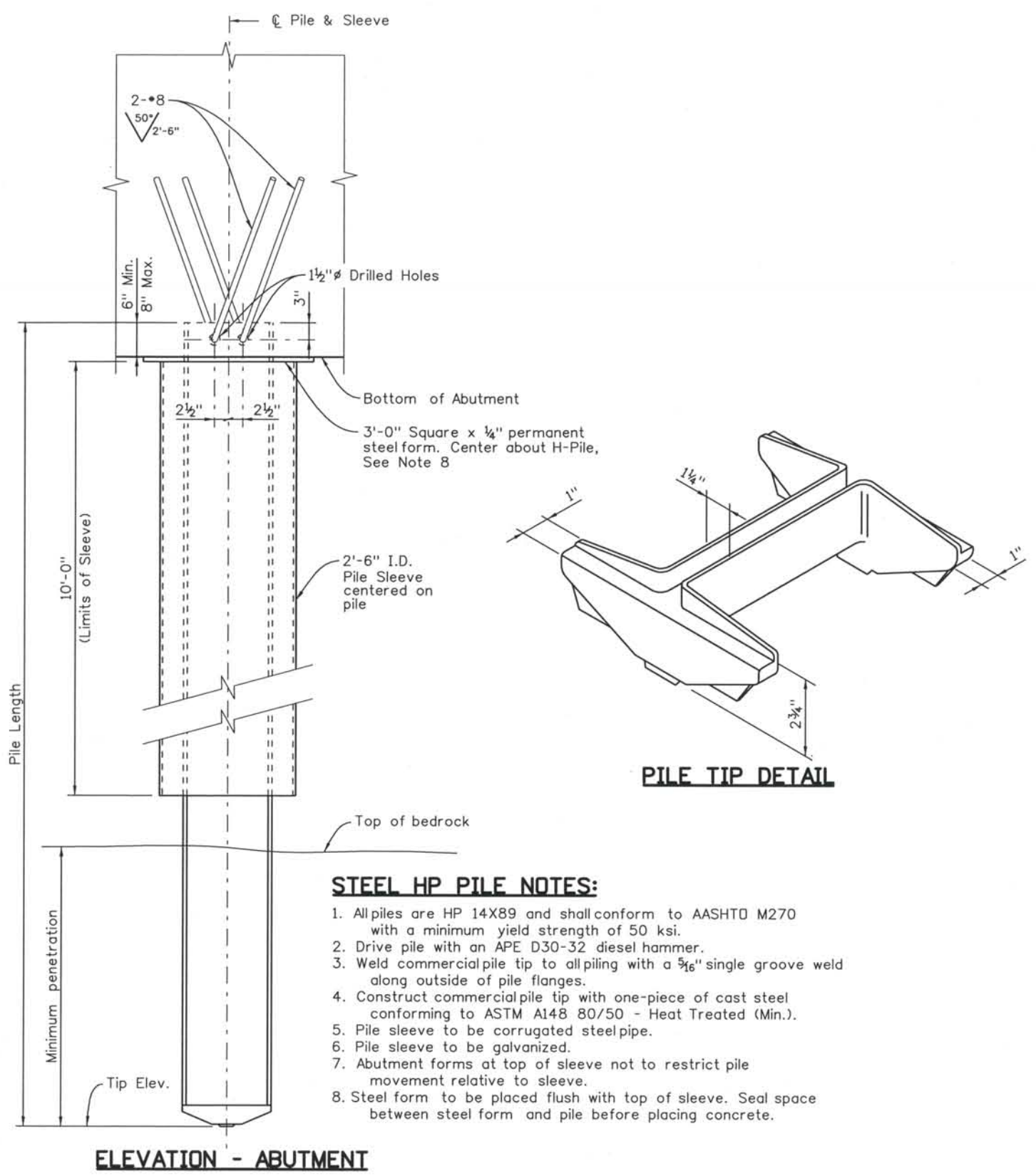
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B8
 Structure Sheet No.: B8 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:44:00 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: DScale
 Units: US Survey Foot



- STEEL HP PILE NOTES:**
1. All piles are HP 14X89 and shall conform to AASHTO M270 with a minimum yield strength of 50 ksi.
 2. Drive pile with an APE D30-32 diesel hammer.
 3. Weld commercial pile tip to all piling with a 5/16" single groove weld along outside of pile flanges.
 4. Construct commercial pile tip with one-piece of cast steel conforming to ASTM A148 80/50 - Heat Treated (Min.).
 5. Pile sleeve to be corrugated steel pipe.
 6. Pile sleeve to be galvanized.
 7. Abutment forms at top of sleeve not to restrict pile movement relative to sleeve.
 8. Steel form to be placed flush with top of sleeve. Seal space between steel form and pile before placing concrete.

ELEVATION - ABUTMENT

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

ROCKRIMMON CONSTRUCTORS
 A SEMACOM HILL JOINT VENTURE

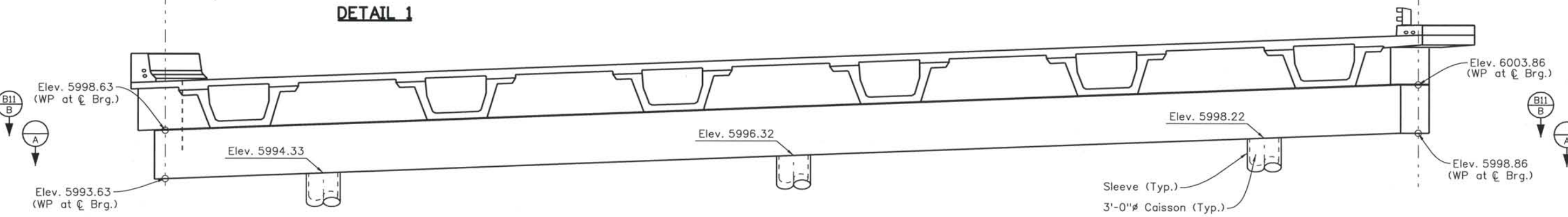
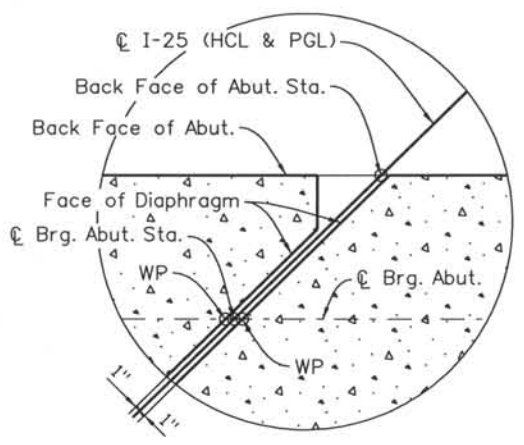
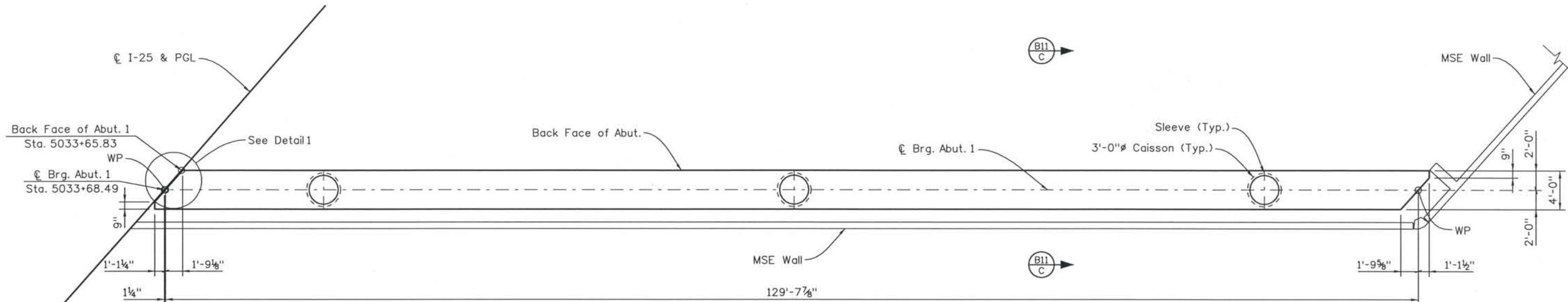
COSMIX
 COLORADO SPRINGS METRO INTERSTATE EXPANSION

File Name	DS1-BR00-PD02.dgn
Structure Number	I-17-00 I-17-0P
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B9
Structure Sheet No.	B9 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
DRIVEN PILE DETAILS

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



- NOTES:**
1. For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
 2. For caisson size and spacing, see Foundation Layout, sheet no. B7.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:03 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 3/32 at 11x17 Units: US Survey Foot

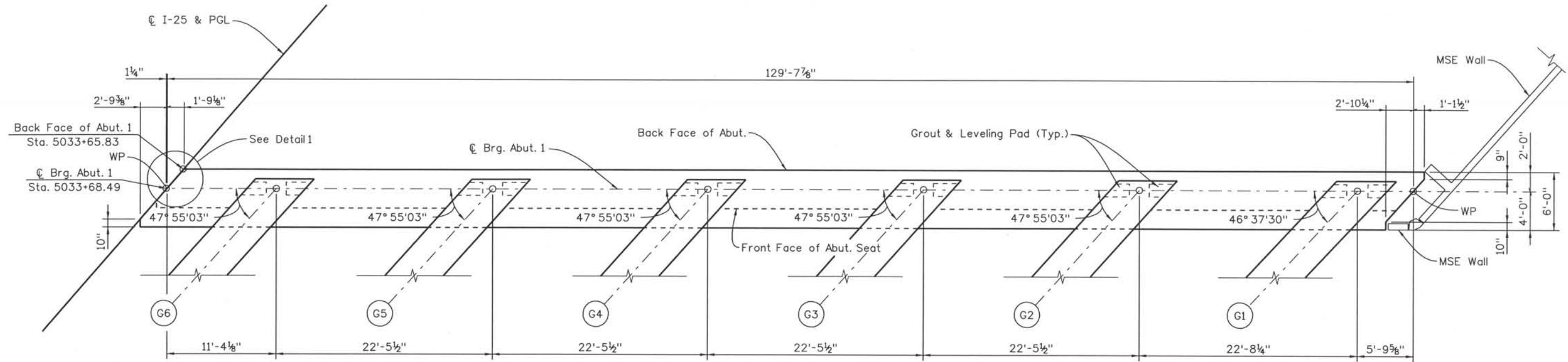
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
ABUTMENT 1 DIMENSIONS
1 OF 2
SOUTHBOUND BRIDGE (I-17-00)

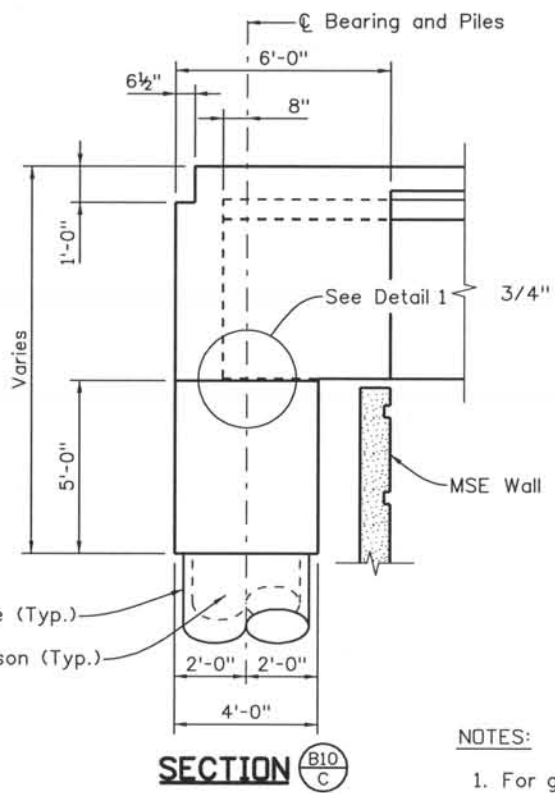
File Name	DS1-BR00-AB101.dgn
Structure Number	I-17-00 I-17-0P
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B10
Structure Sheet No.	B10 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

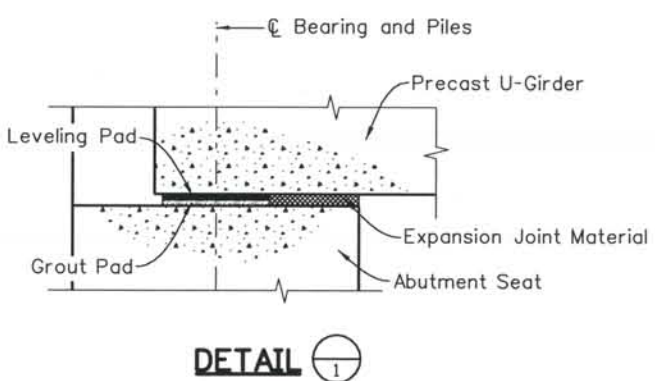
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



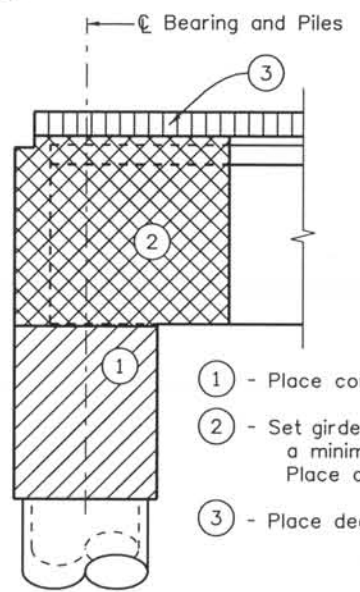
SECTION B10/B



SECTION B10/C

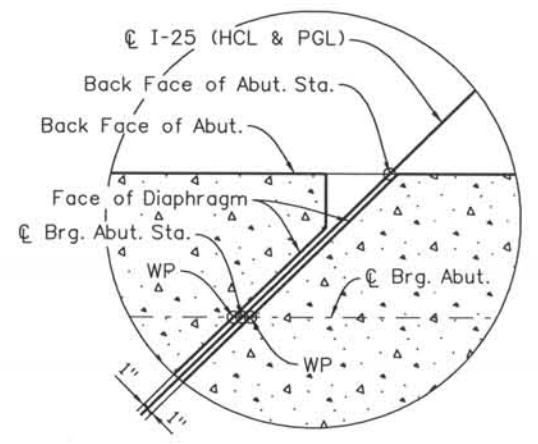


DETAIL 1



CONCRETE PLACEMENT SCHEMATIC

- ① - Place concrete pile cap.
- ② - Set girders after concrete in pile caps reaches a minimum compressive strength of 4,000 psi. Place concrete diaphragm to top of girder.
- ③ - Place deck.



DETAIL 1

- NOTES:**
- For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
 - For caisson size and spacing, see Foundation Layout, sheet no. B7.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:06 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: 3/32 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

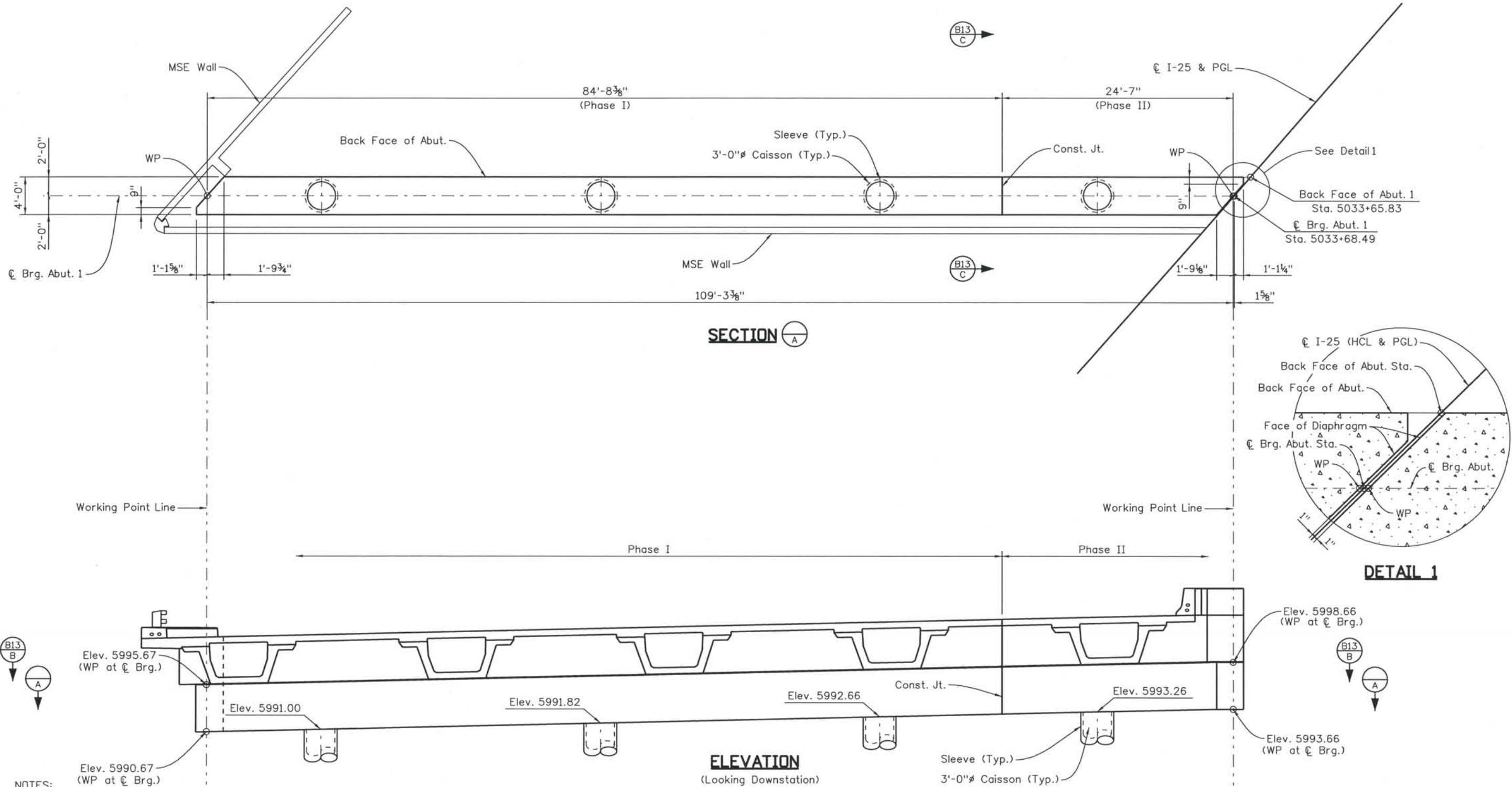
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 1 DIMENSIONS
 2 OF 2
 SOUTHBOUND BRIDGE (I-17-00)

File Name	DS1-BR00-AB102.dgn
Structure Number	I-17-00 I-17-0P
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B11
Structure Sheet No.	B11 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:09 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/32 at 11x17 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge



- NOTES:
1. For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
 2. For caisson pile size and spacing, see Foundation Layout, sheet no. B7.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

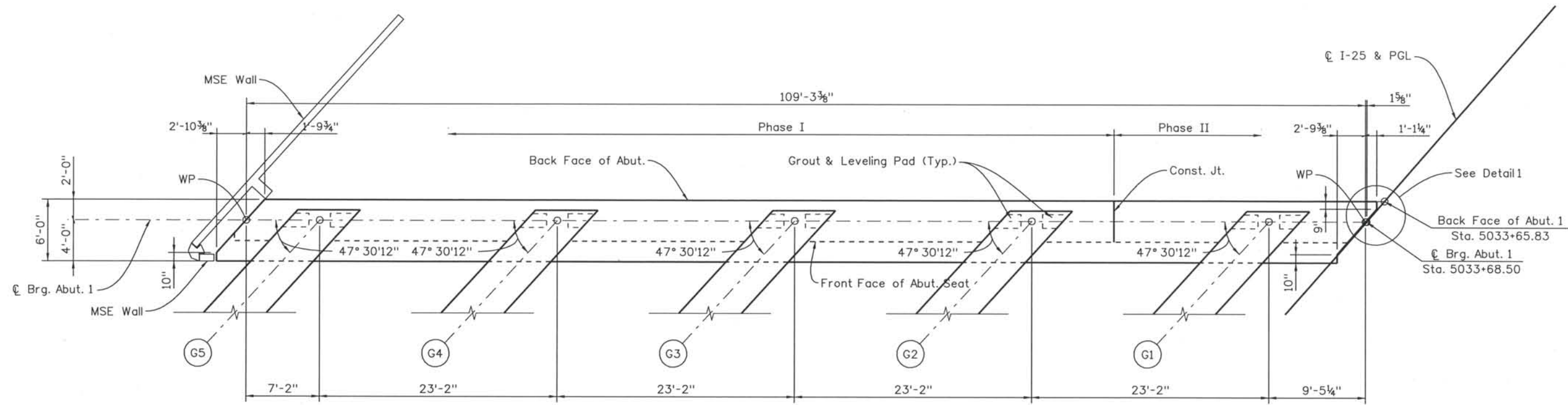
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 1 DIMENSIONS
 1 OF 2
 NORTHBOUND BRIDGE (I-17-OP)

File Name: DS1-BR00-AB103.dgn
 Structure Number:
 I-17-00
 I-17-0P

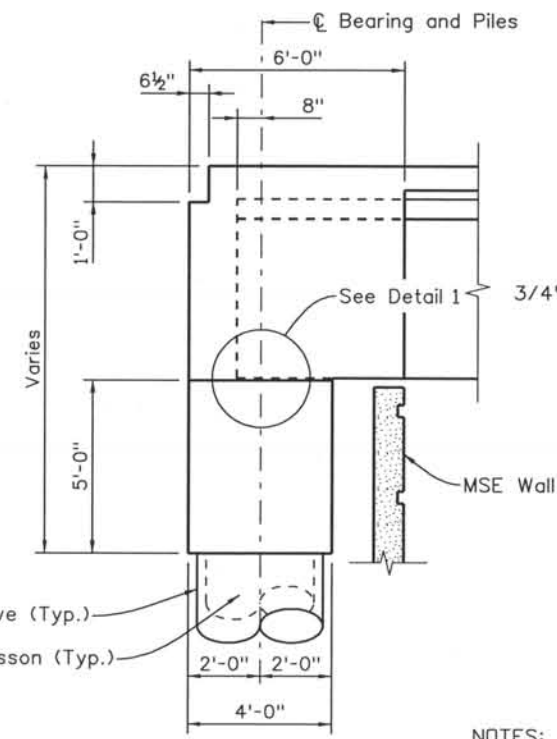
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-00-B12
 Structure Sheet No. B12 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

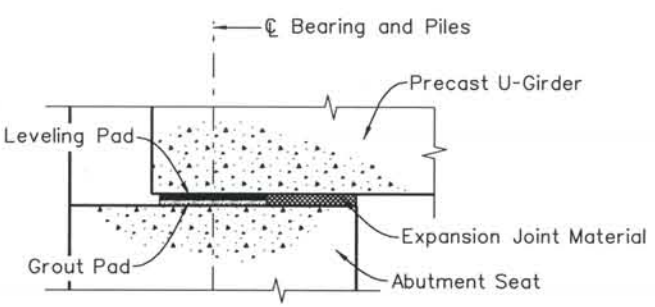
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



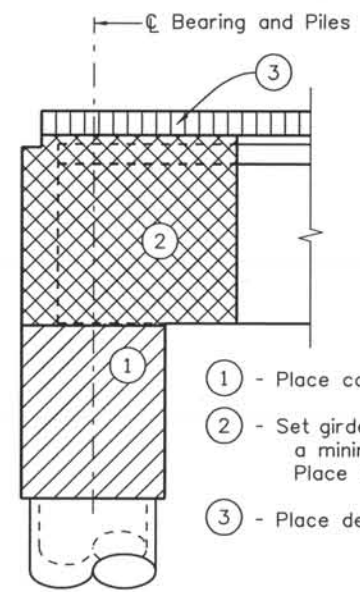
SECTION B12/B



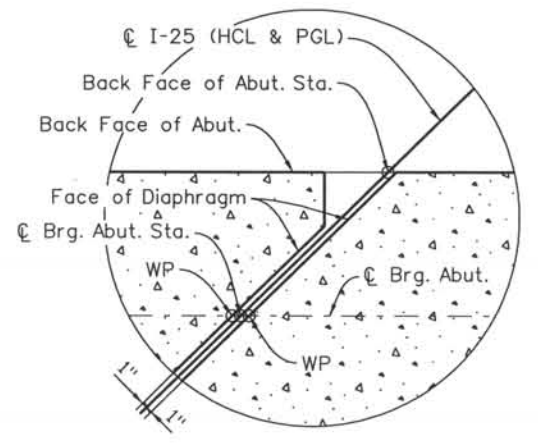
SECTION B12/C



DETAIL 1



CONCRETE PLACEMENT SCHEMATIC



DETAIL 1

- NOTES:**
1. For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
 2. For caisson size and spacing, see Foundation Layout, sheet no. B7.

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:44:11 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/32 at 11x17Units:US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



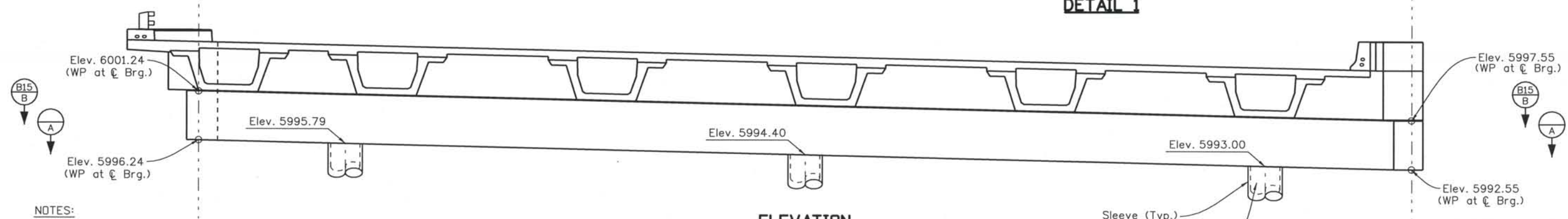
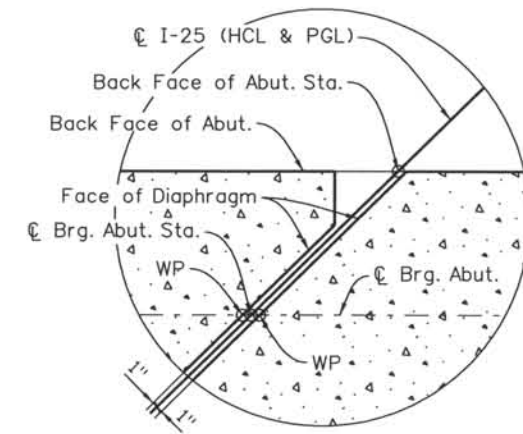
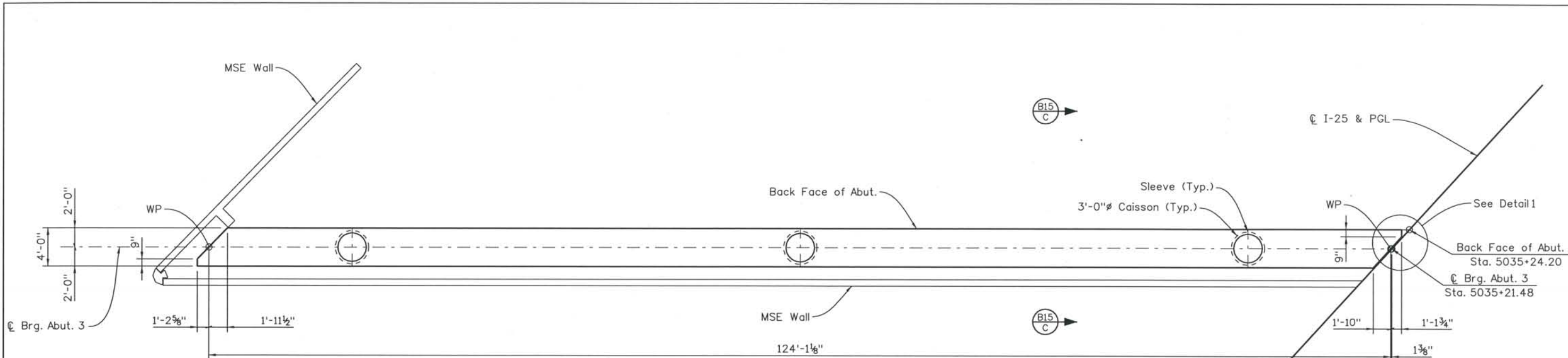
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 1 DIMENSIONS
 2 OF 2
 NORTHBOUND BRIDGE (I-17-OP)

File Name	DS1-BR00-AB104.dgn
Structure Number	I-17-00 I-17-0P

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B13
Structure Sheet No.	B13 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



- NOTES:**
1. For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
 2. For caisson size and spacing, see Foundation Layout, sheet no. B7.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:15 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/32 at 11x17 Units: US Survey Foot

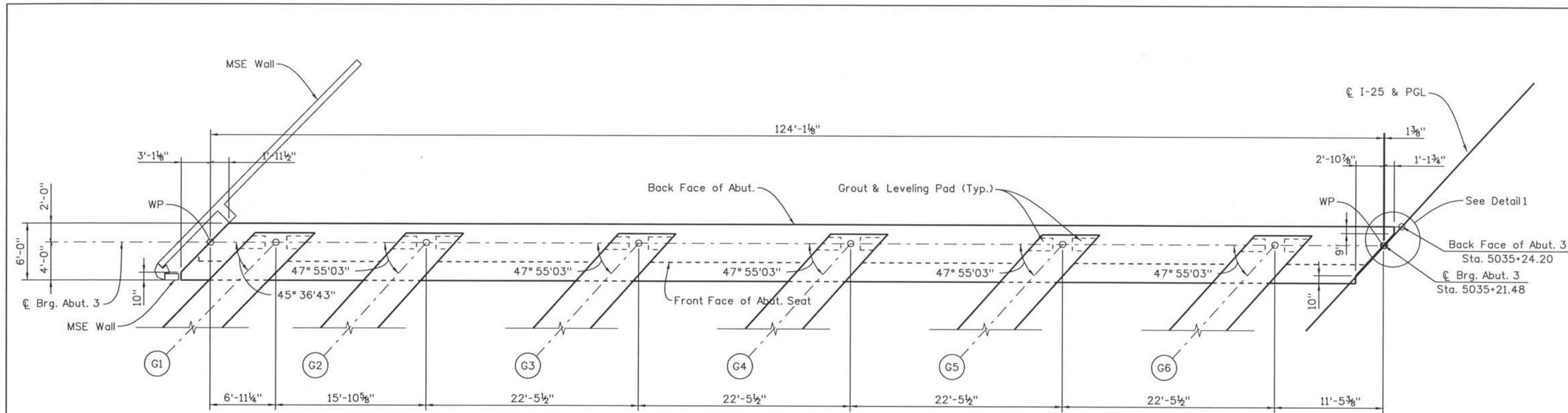
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 3 DIMENSIONS
 1 OF 2
 SOUTHBOUND BRIDGE (I-17-00)

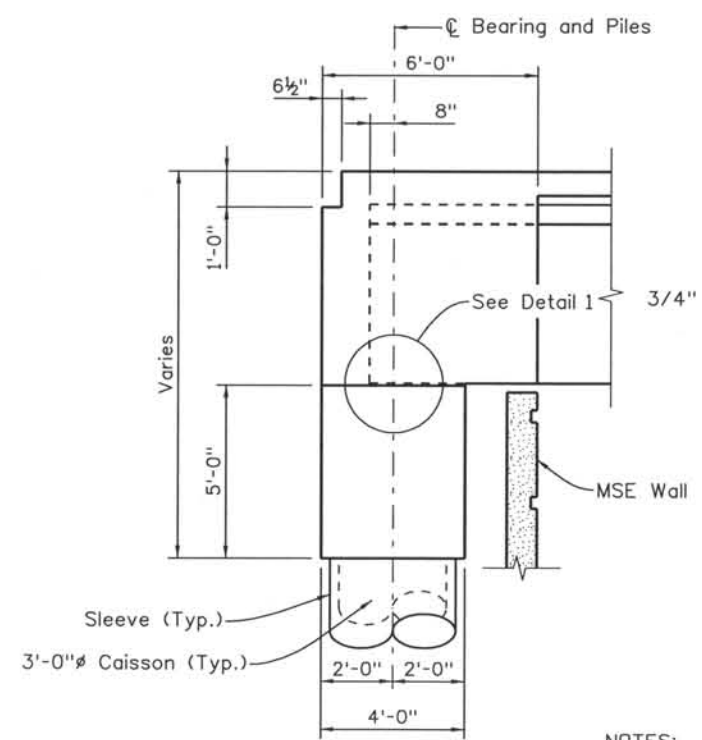
File Name	DS1-BR00-AB301.dgn
Structure Number	I-17-00 I-17-0P
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B14
Structure Sheet No.	B14 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 DANIEL O. ABRAHAM
 COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



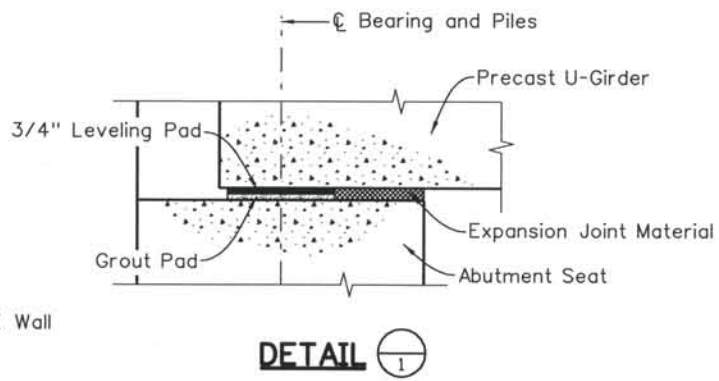
SECTION B14 B



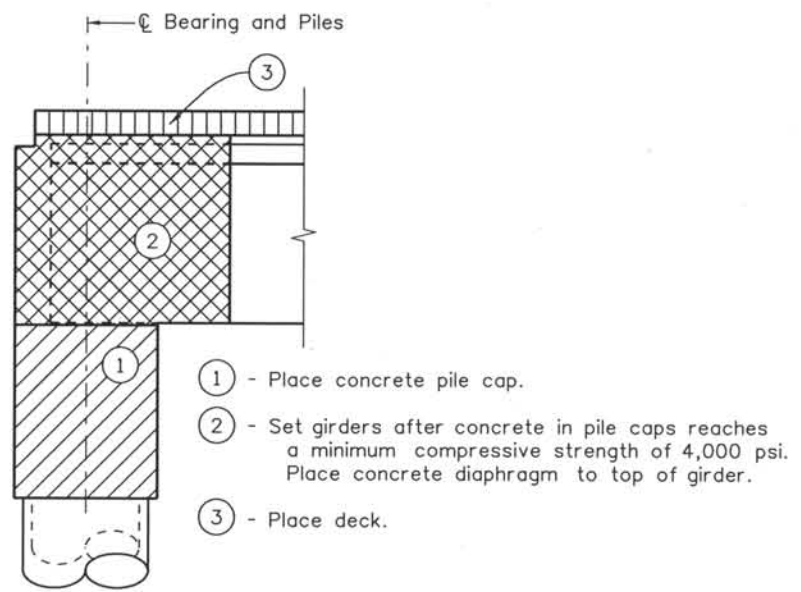
SECTION B14 C

NOTES:

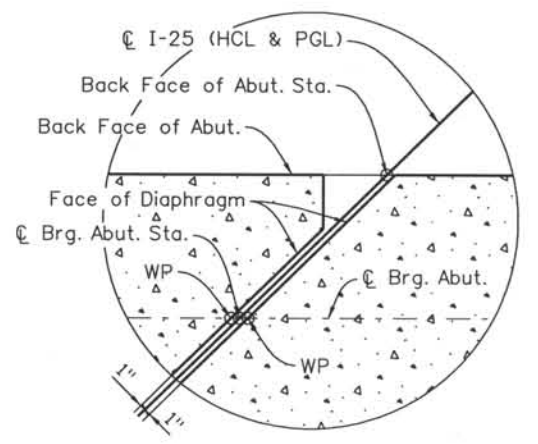
1. For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
2. For caisson size and spacing, see Foundation Layout, sheet no. B7.



DETAIL 1



CONCRETE PLACEMENT SCHEMATIC



DETAIL 1

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:17 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot

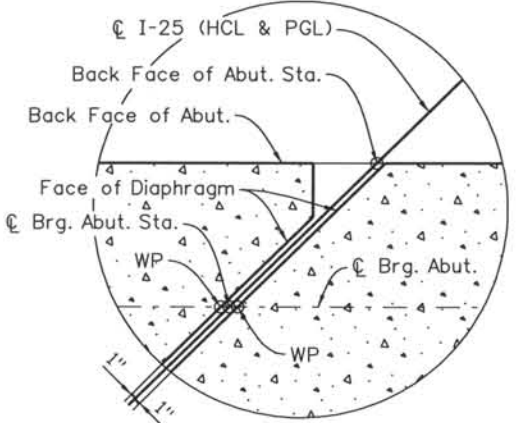
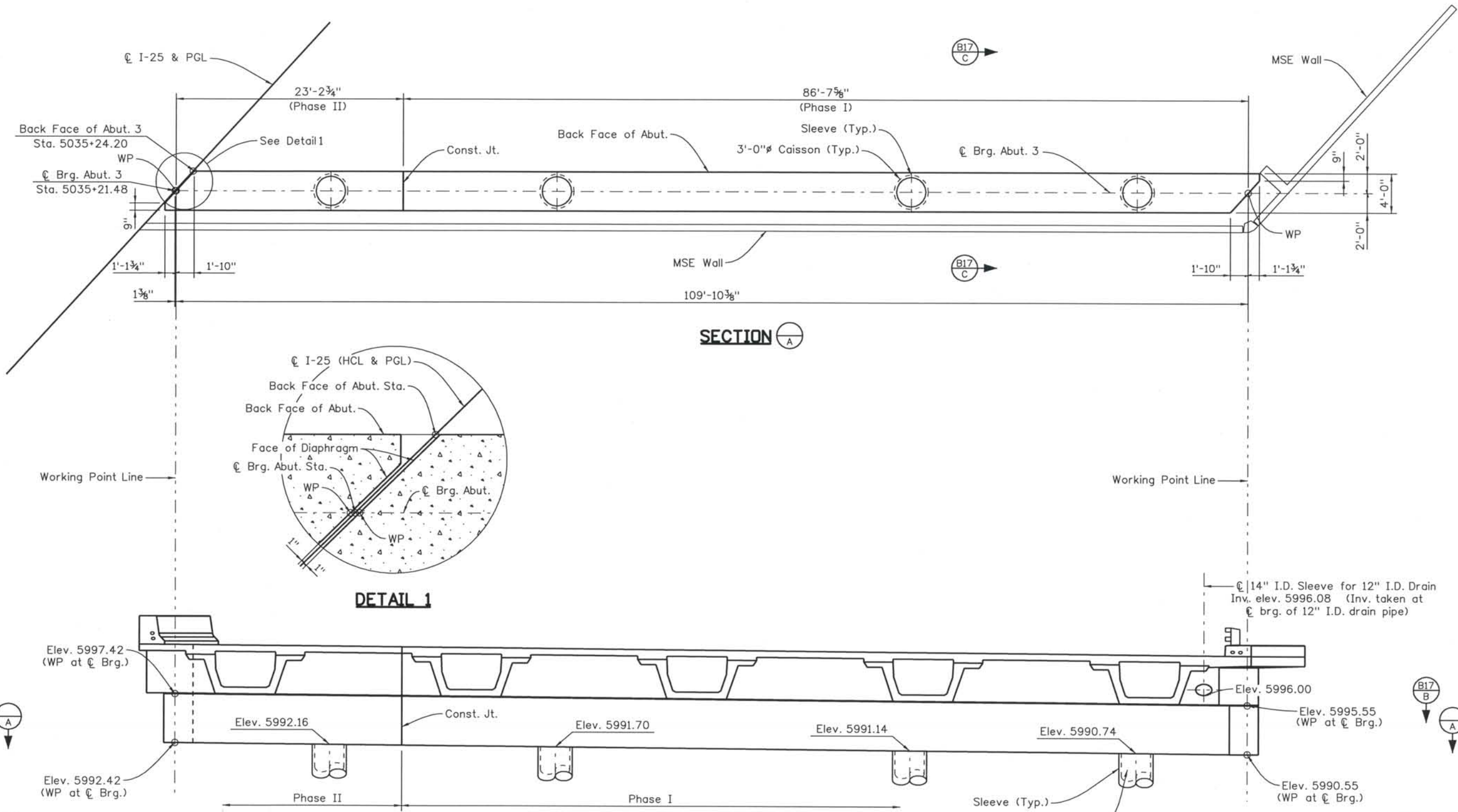
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 3 DIMENSIONS
 2 OF 2
 SOUTHBOUND BRIDGE (I-17-00)

File Name: DS1-BR00-AB302.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-00 I-17-0P	Project Dwg. No.: DS1-00-B15
	Structure Sheet No.: B15 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



- NOTES:**
1. For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
 2. For caisson size and spacing, see Foundation Layout, sheet no. B7.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:20 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: DScale
 Units: US Survey Foot
 327504.DS1 Bridge

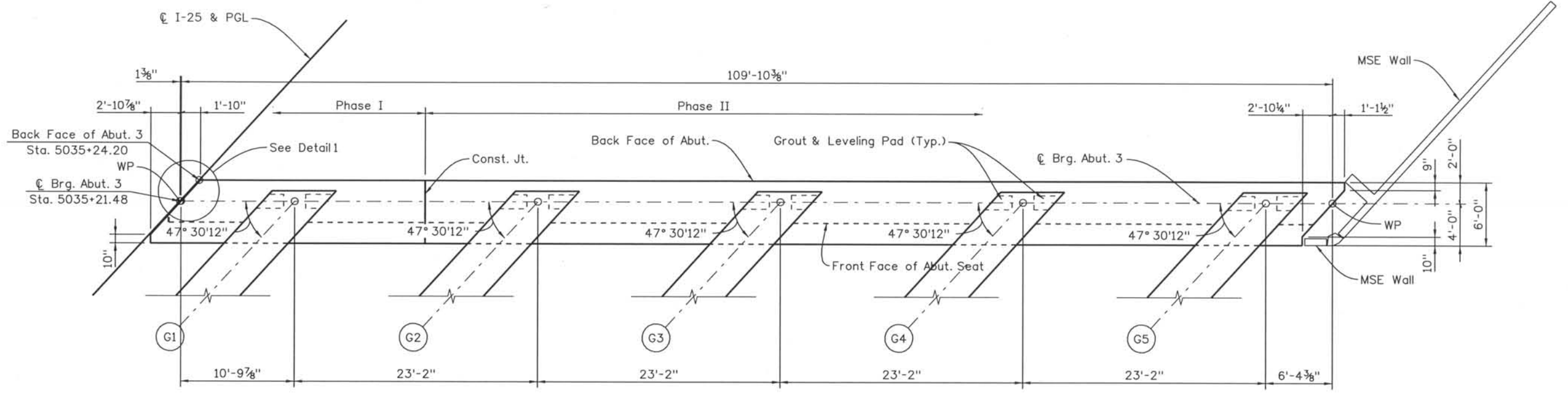
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 3 DIMENSIONS
 1 OF 2
 NORTHBOUND BRIDGE (I-17-OP)

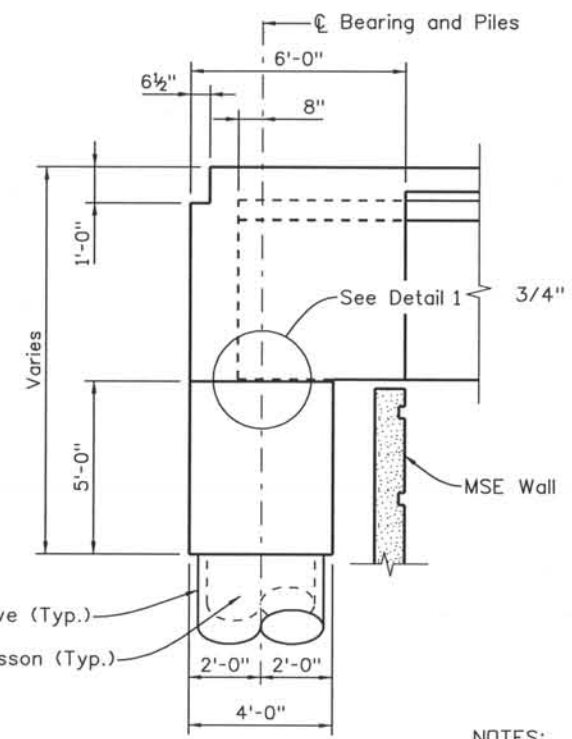
File Name	DS1-BR00-AB303.dgn
Structure Number	I-17-00 I-17-0P
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B16
Structure Sheet No.	B16 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



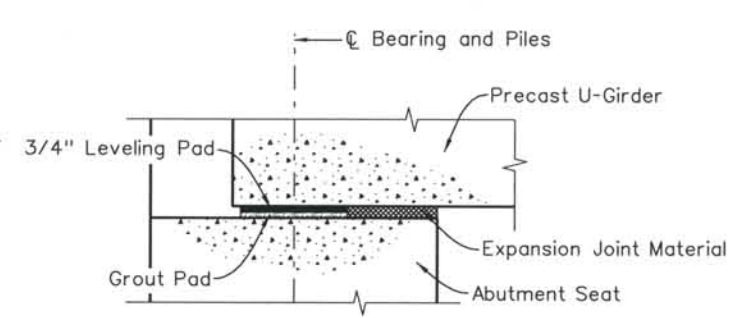
SECTION B16
B



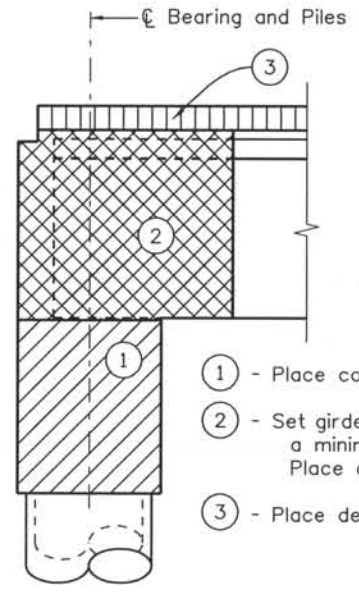
SECTION B16
C

NOTES:

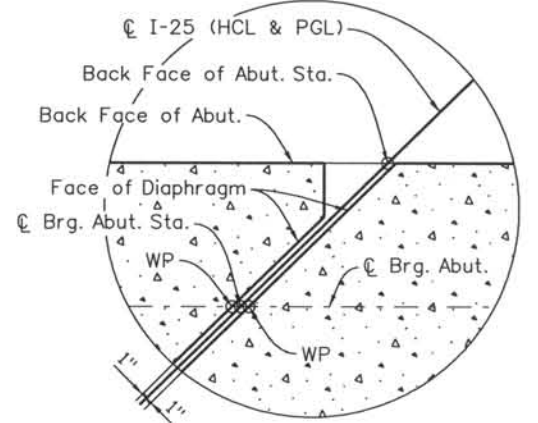
1. For grout pad elevations and details, see Grout Pad Details, sheet no. B36 & B37.
2. For caisson size and spacing, see Foundation Layout, sheet no. B7.



DETAIL 1



CONCRETE PLACEMENT SCHEMATIC

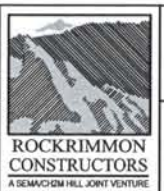


DETAIL 1

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:23 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 3 DIMENSIONS
 2 OF 2
 NORTHBOUND BRIDGE (I-17-OP)

File Name: DS1-BR00-AB304.dgn
 Structure Number:
 I-17-00
 I-17-0P

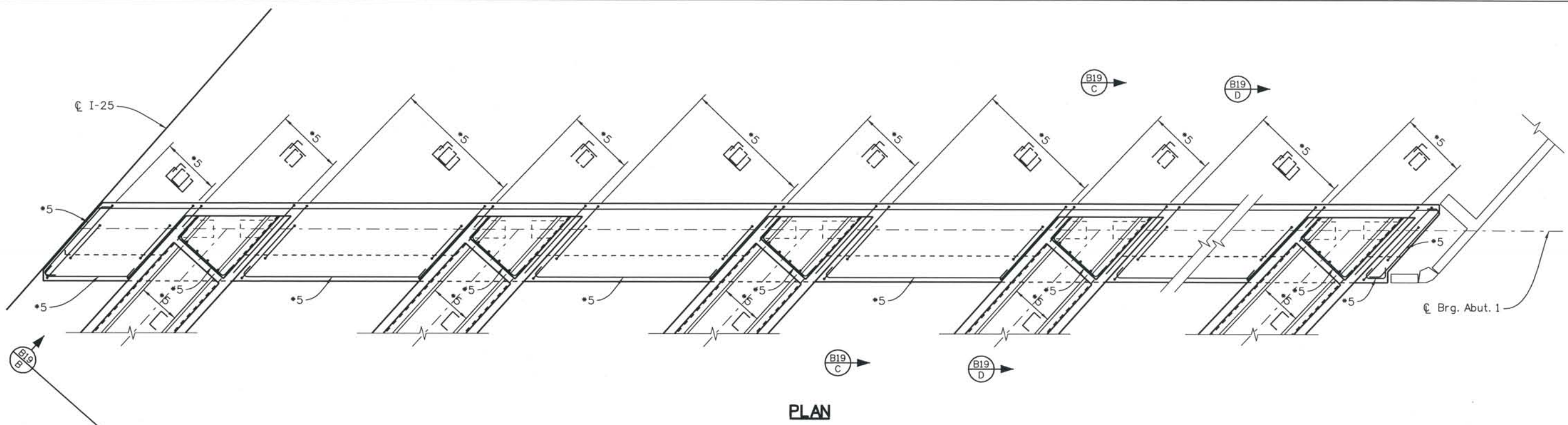
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B17
 Structure Sheet No.: B17 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

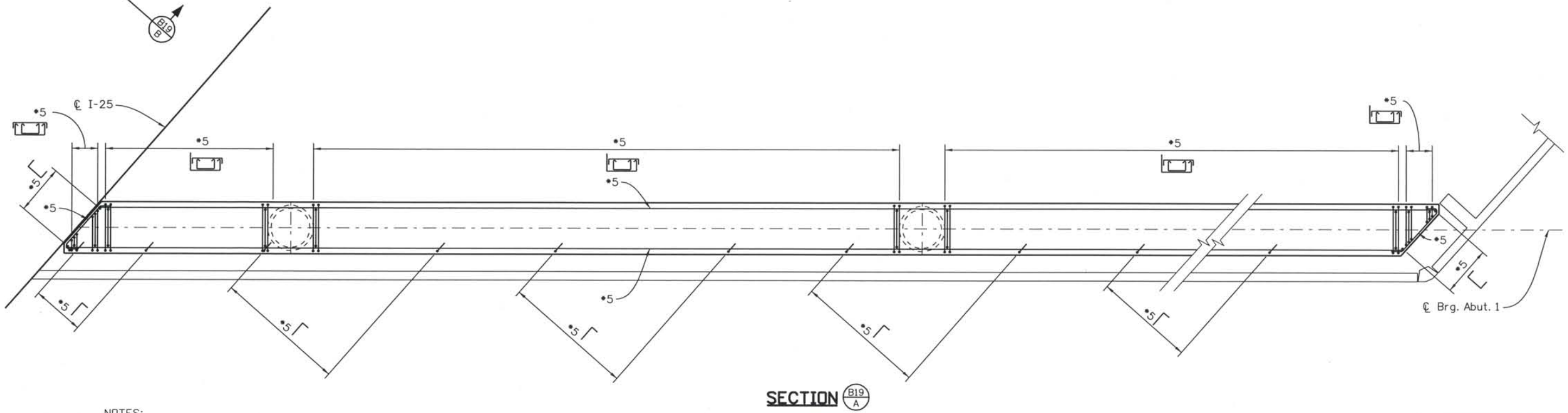
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:27 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot



PLAN



SECTION B19 A

NOTES:

- 1. Concrete cover shall be 2" unless noted otherwise.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



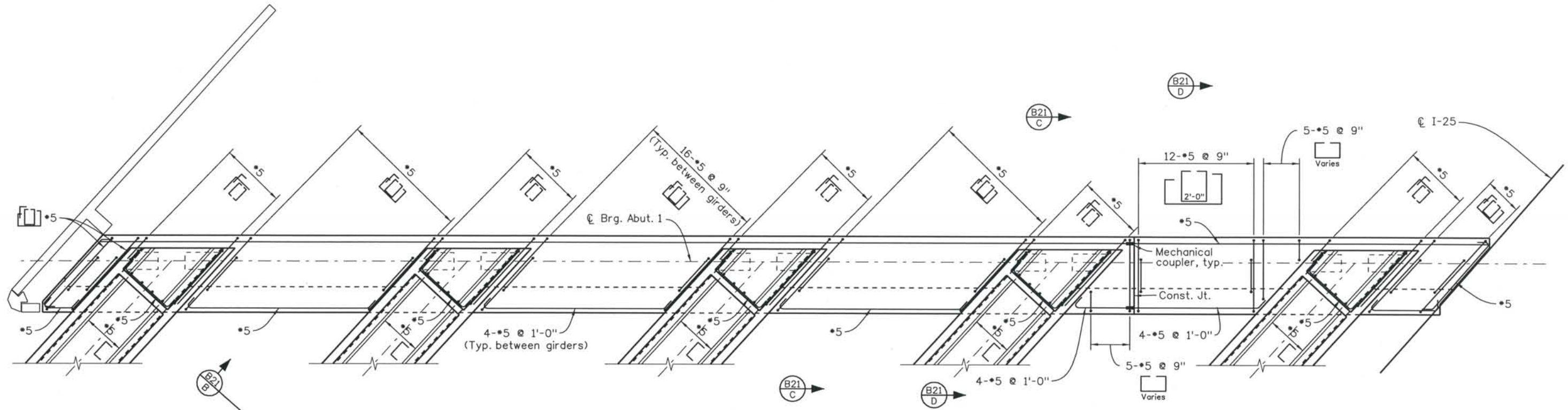
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 1 REINFORCING
 1 OF 2
 SOUTHBOUND BRIDGE (I-17-00)

File Name: DS1-BR00-AB201.dgn
 Structure Number:
 I-17-00
 I-17-0P

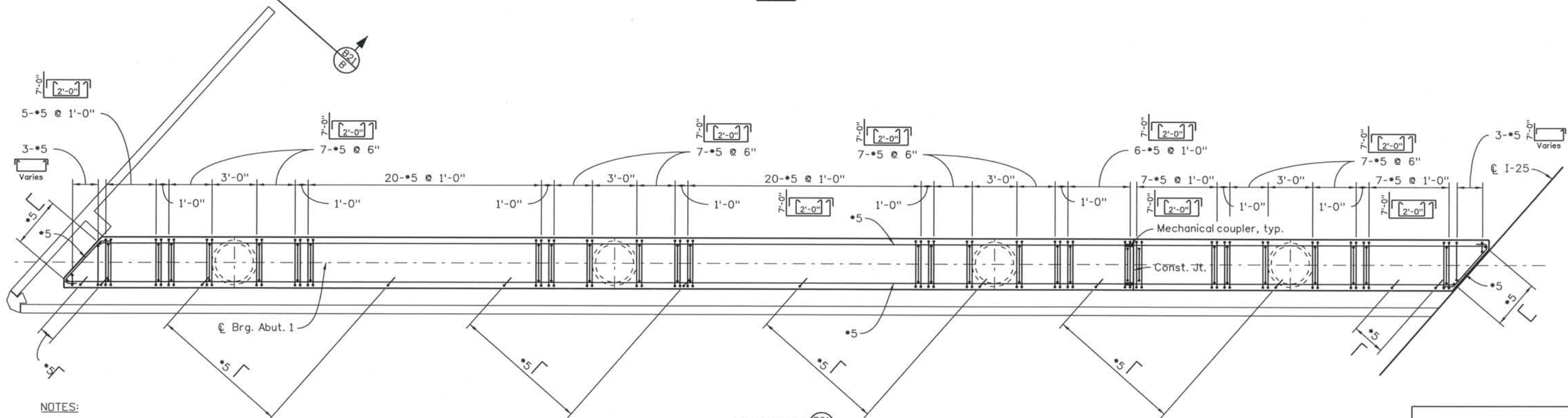
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B18
 Structure Sheet No.: B18 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN



SECTION B21/A

NOTES:
1. Concrete cover shall be 2" unless noted otherwise.

Computer File Information
Date Plotted: 9/3/2008
Time Plotted: 10:44:33 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004

As-Built
327504.DS1 Bridge
Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
ABUTMENT 1 REINFORCING
1 OF 2
NORTHBOUND BRIDGE (I-17-OP)

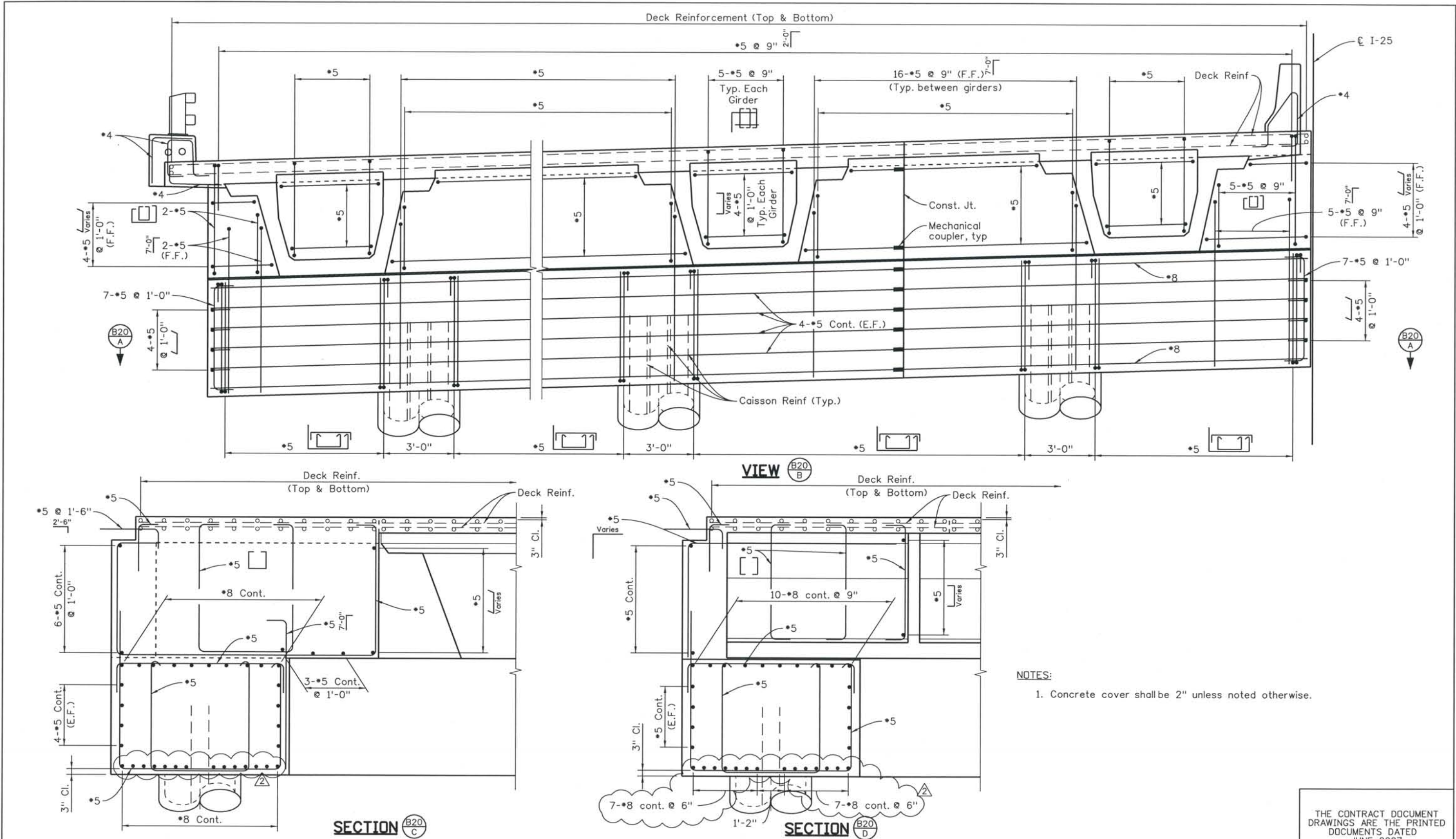
File Name: DSI-BR00-AB203.dgn
Structure Number:
I-17-00
I-17-0P

Project No./Code:
IM 0252-370
S.A. 14740
Project Dwg. No.: DSI-00-B20
Structure Sheet No.: B20 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:35 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge As-Built



NOTES:
 1. Concrete cover shall be 2" unless noted otherwise.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



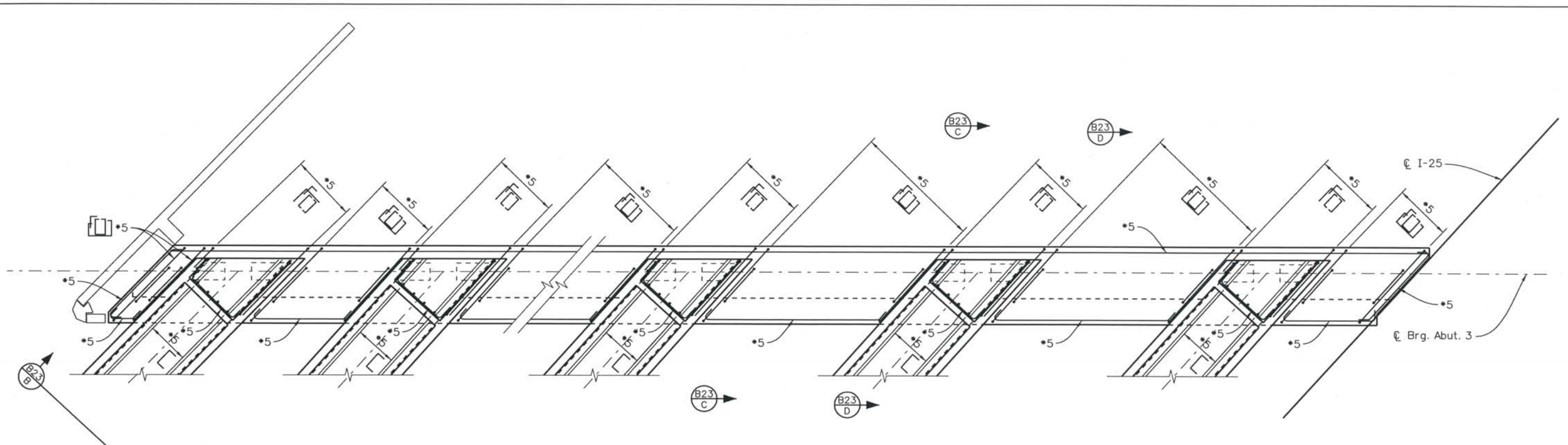
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 ABUTMENT 1 REINFORCING
 2 OF 2
 NORTHBOUND BRIDGE (I-17-OP)

File Name: DSI-BR00-AB204.dgn
 Structure Number:
 I-17-00
 I-17-0P

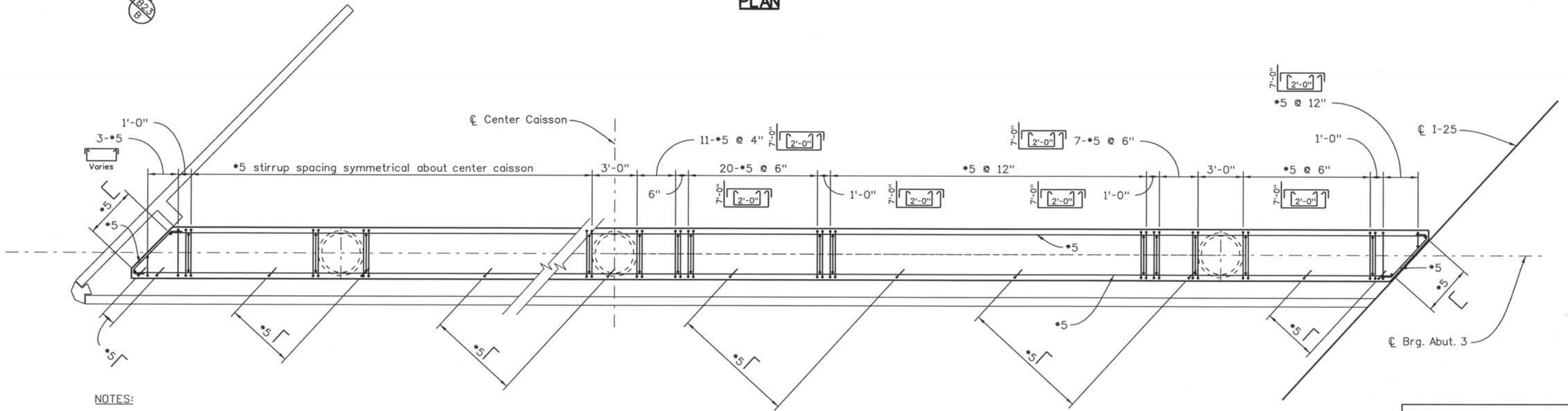
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DSI-00-B21
 Structure Sheet No.: B21 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN



SECTION B23 A

NOTES:
1. Concrete cover shall be 2" unless noted otherwise.

Computer File Information
Date Plotted: 9/3/2008
Time Plotted: 10:44:39 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004
Scale: 1/8 at 11x17 Units: US Survey Foot
327504.DS1 Bridge
As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

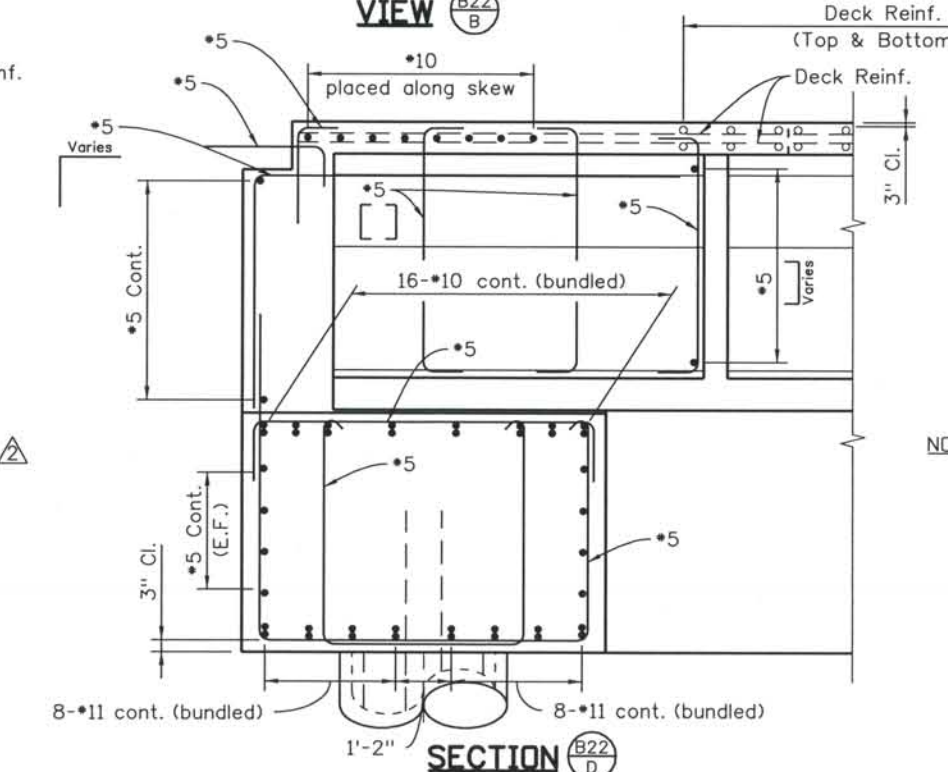
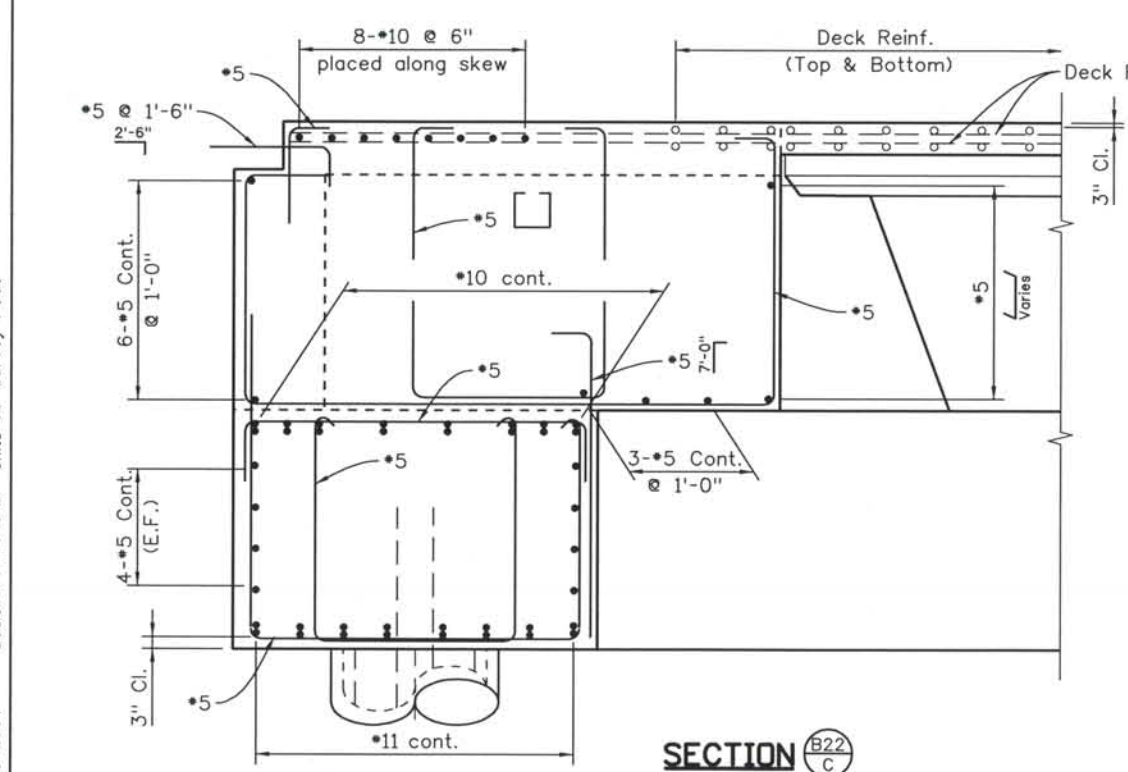
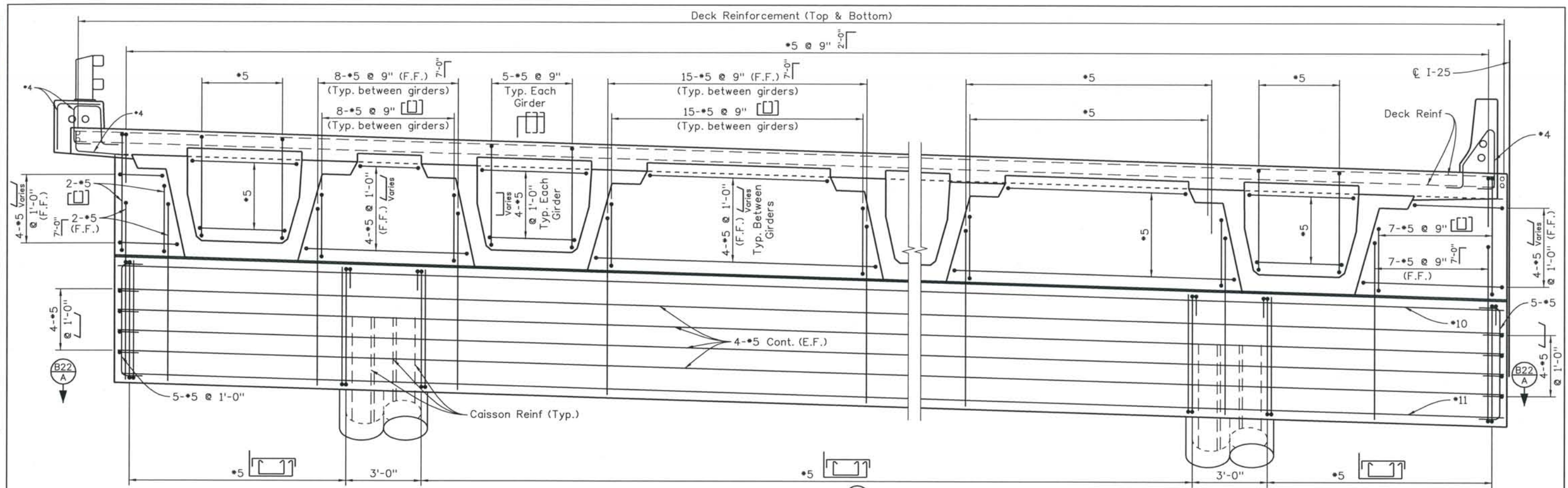
DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
ABUTMENT 3 REINFORCING
1 OF 2
SOUTHBOUND BRIDGE (I-17-00)

File Name: DS1-BR00-AB401.dgn
Structure Number:
I-17-00
I-17-0P

Project No./Code:
IM 0252-370
S.A. 14740
Project Dwg. No.: DS1-00-B22
Structure Sheet No.: B22 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



NOTES:
1. Concrete cover shall be 2" unless noted otherwise.

Computer File Information

Date Plotted: 9/3/2008
Time Plotted: 10:44:42 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004
Scale: 1/4 at 11x17 Units: US Survey Foot

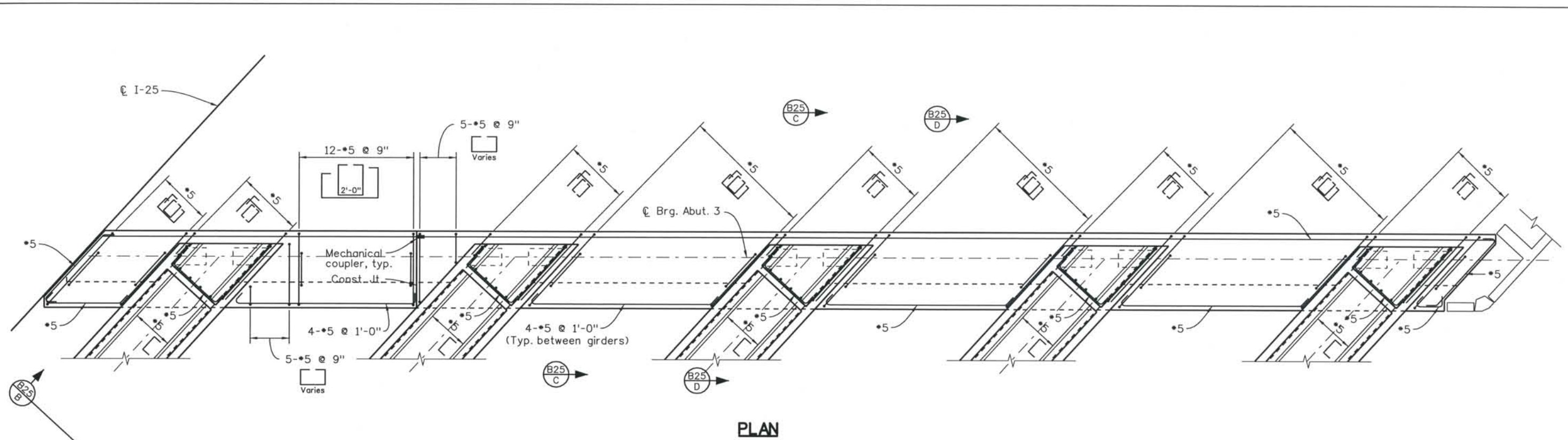
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
ABUTMENT 3 REINFORCING
2 OF 2
SOUTHBOUND BRIDGE (I-17-00)

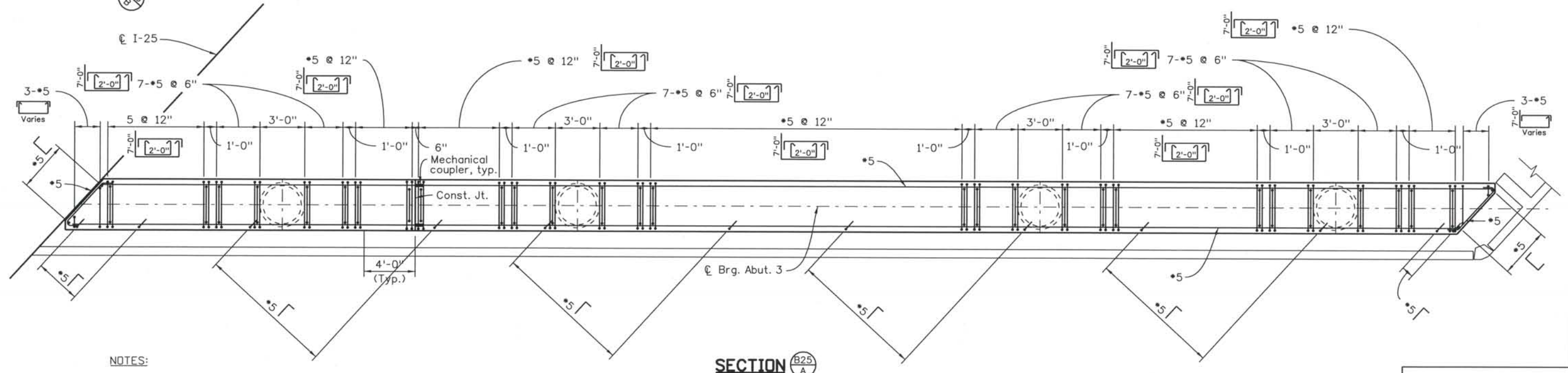
File Name: DSI-BR00-AB402.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-00 I-17-0P	Project Dwg. No.: DSI-00-B23
	Structure Sheet No.: B23 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN



SECTION

NOTES:
 1. Concrete cover shall be 2" unless noted otherwise.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:45 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

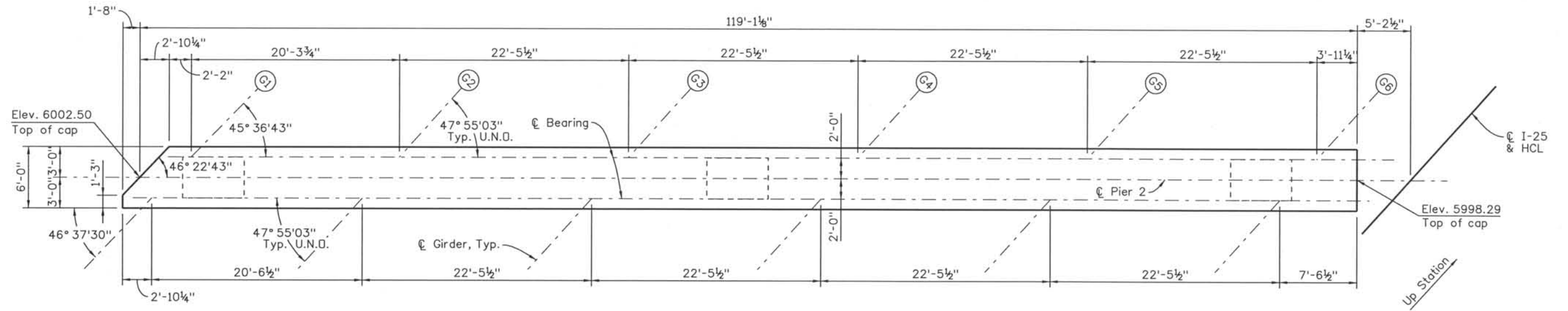
DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
ABUTMENT 3 REINFORCING
1 OF 2
NORTHBOUND BRIDGE (I-17-OP)

File Name: DS1-BR00-AB403.dgn
 Structure Number:
 I-17-00
 I-17-0P

Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B24
 Structure Sheet No.: B24 of 43

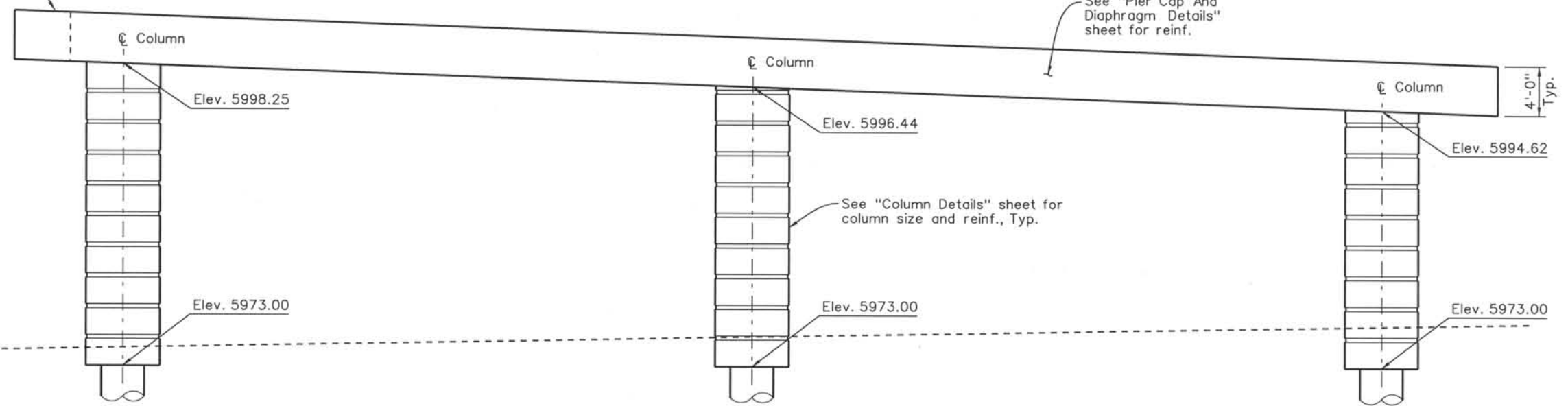
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN

See "Grout Pad Details" sheet for pad size and elevations, Typ.



ELEVATION

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:51 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 3/32 at 11x17Units:US Survey Foot

ISSUE RECORD		
ND.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER OVER COLORADO AVENUE
 PIER 2 DIMENSIONS
 SOUTHBOUND BRIDGE (I-17-00)

File Name: DSI-BR00-PR201.DGN
 Structure Number:
 I-17-00
 I-17-0P

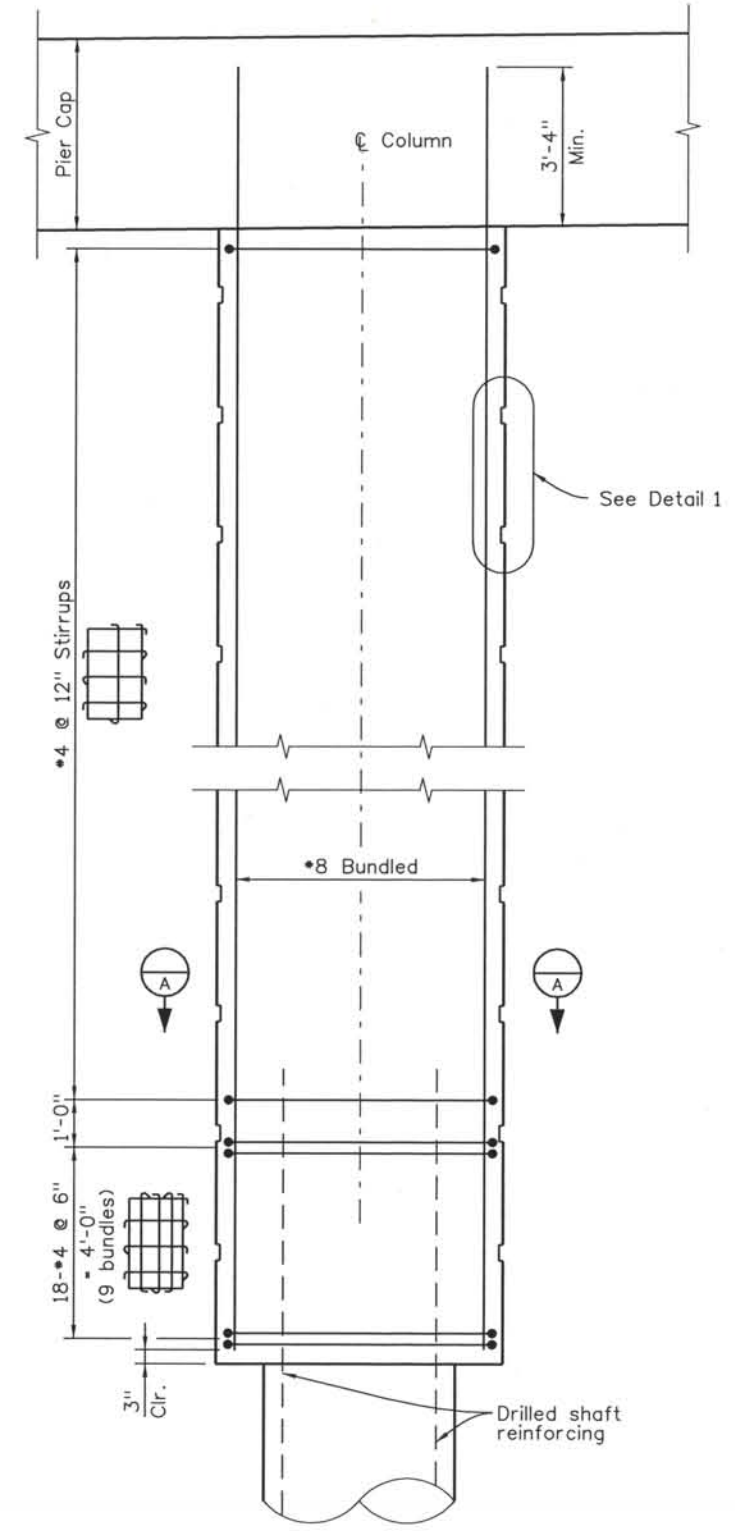
Project No./Code
 IM 0252-370
 S.A. 14740

Project Dwg. No. DSI-00-B26
 Structure Sheet No. B26 of 43

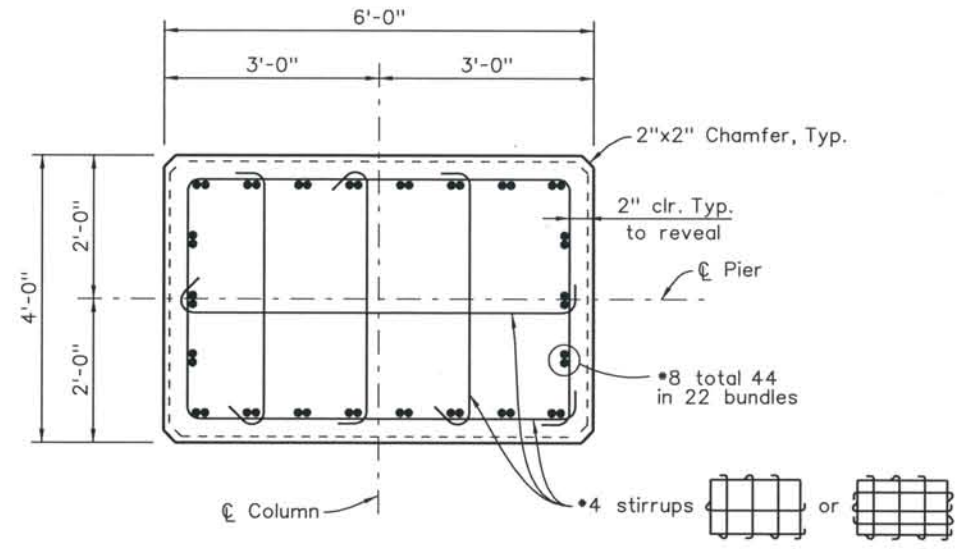
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

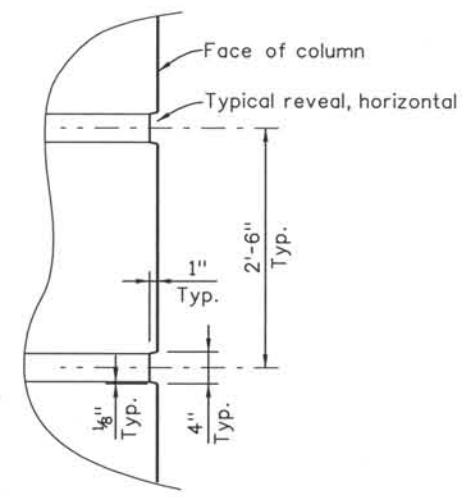
Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:56 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/4" at 11x17 Units: US Survey Foot



SECTION THROUGH COLUMN



SECTION A



DETAIL 1
 Typical Architectural pattern all around column

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



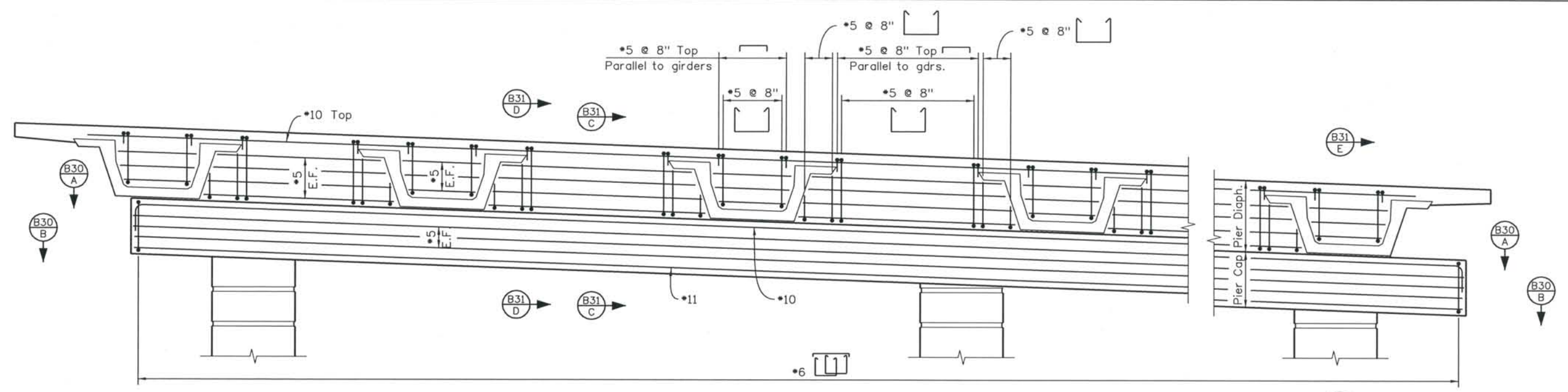
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 COLUMN DETAILS

File Name: DS1-BR00-PR01.DGN
 Structure Number:
 I-17-00
 I-17-0P

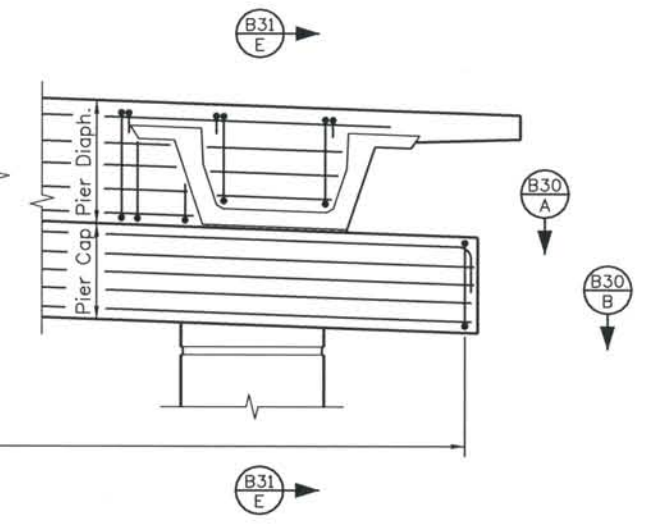
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B28
 Structure Sheet No.: B28 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

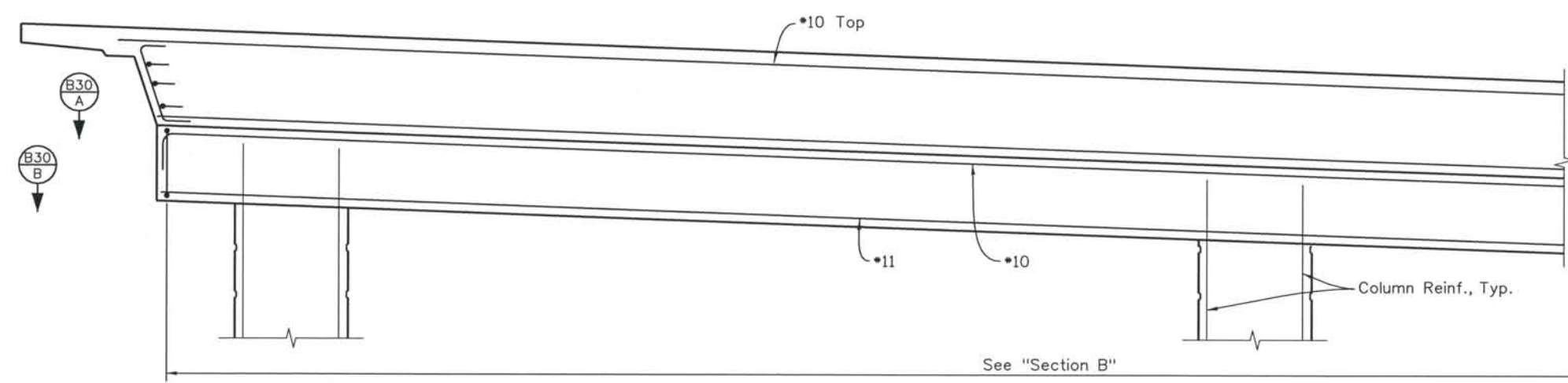
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



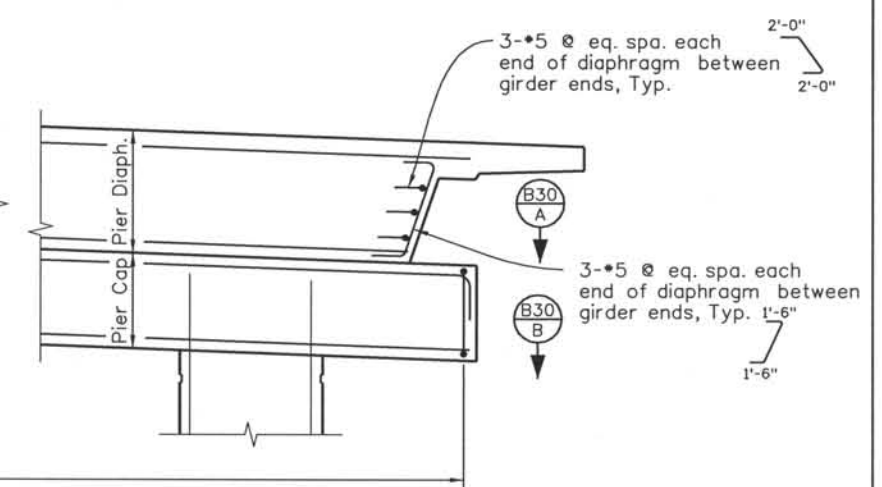
ELEVATION AT FACE OF PIER CAP



- NOTE:
1. All reinforcing bars in Pier cap and diaphragm are non coated except those denoted (E) which are epoxy coated.
 2. All bar splices to be staggered.
 3. Splice bottom bars over columns, splice top bars near midspan between columns, stagger splices.



SECTION THROUGH CENTER OF PIER



Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:44:59 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



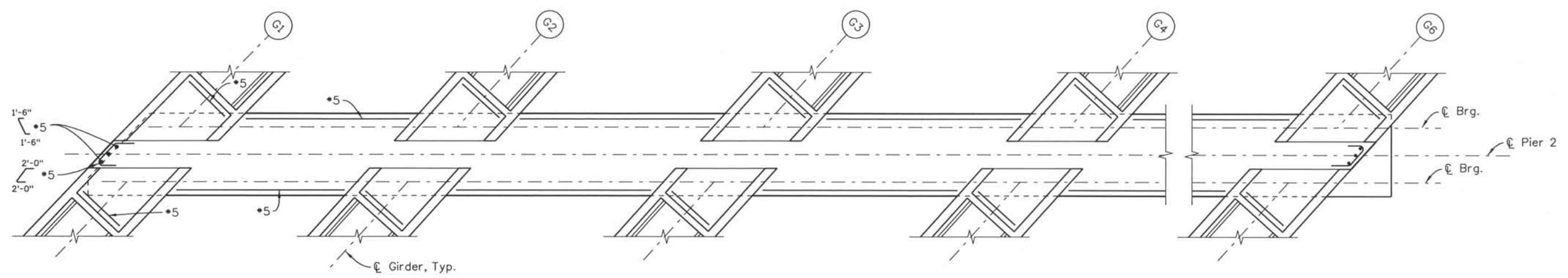
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PIER CAP AND DIAPHRAGM DETAILS
 1 OF 3
 SOUTHBOUND BRIDGE (I-7-00)

File Name DSI-BR00-PR02.DGN
 Structure Number
 I-17-00
 I-17-0P

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DSI-00-B29
 Structure Sheet No. B29 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

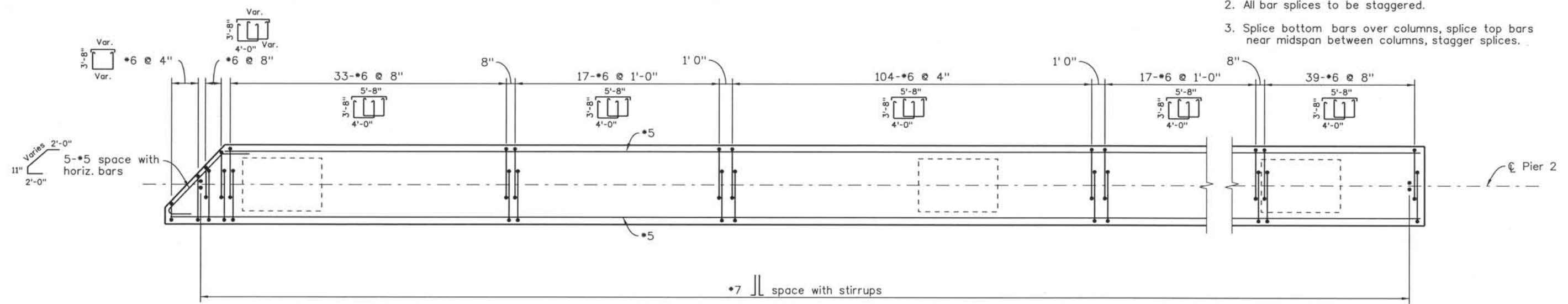
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION B29
A

NOTES:

1. All reinforcing bars in Pier cap and diaphragm are non coated except those denoted E which are epoxy coated.
2. All bar splices to be staggered.
3. Splice bottom bars over columns, splice top bars near midspan between columns, stagger splices.



SECTION B29
B

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:02 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



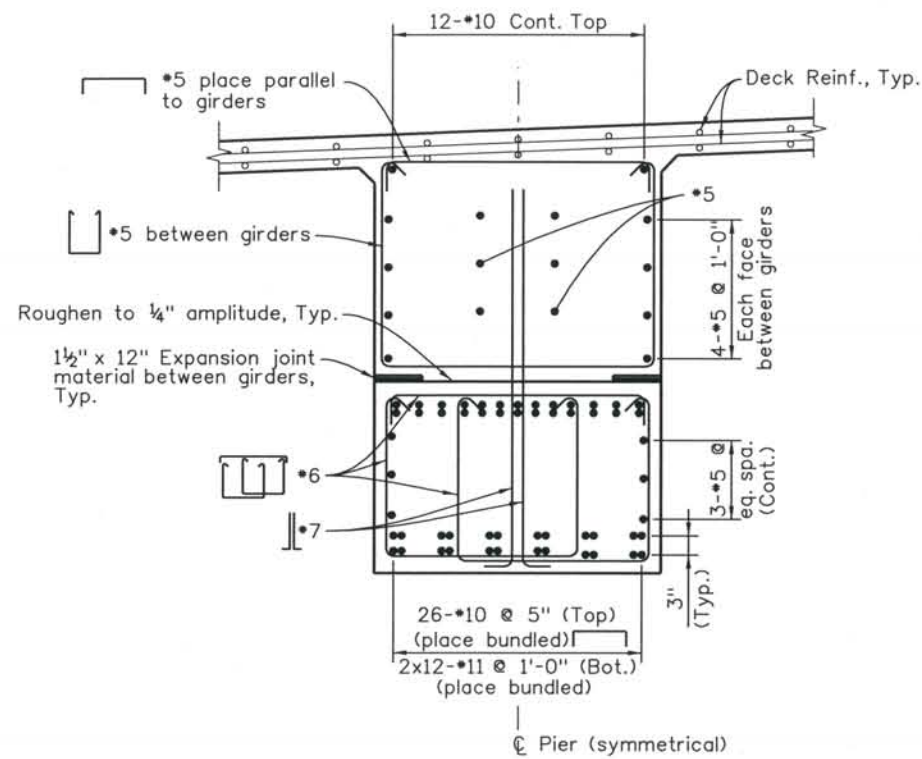
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PIER CAP AND DIAPHRAGM DETAILS
 2 OF 3
 SOUTHBOUND BRIDGE (I-17-00)

File Name: DS1-BR00-PRO3.DGN
 Structure Number:
 I-17-00
 I-17-0P

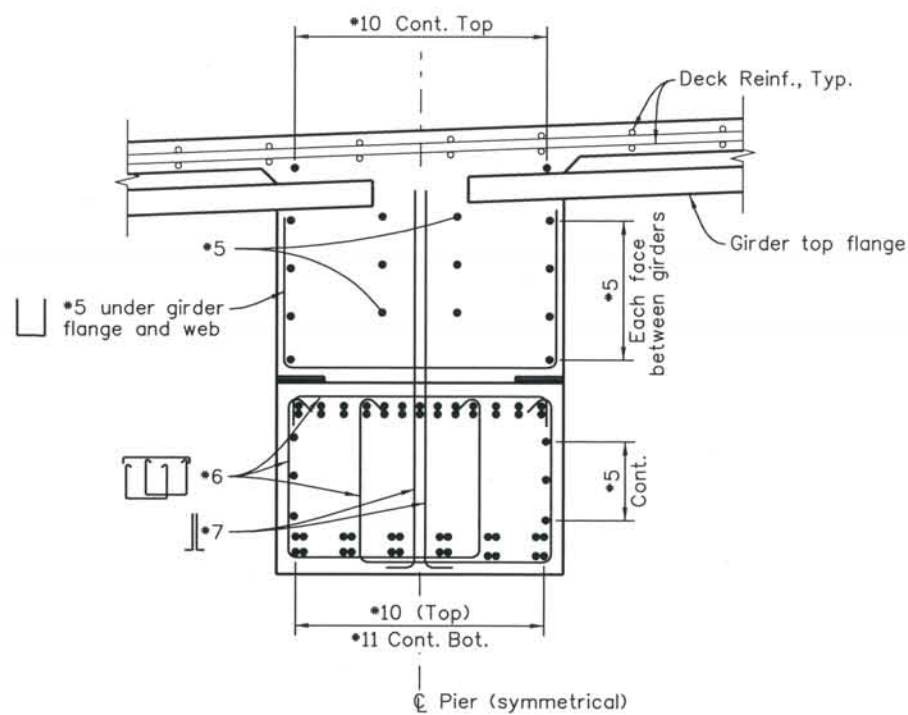
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-00-B30
 Structure Sheet No. B30 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

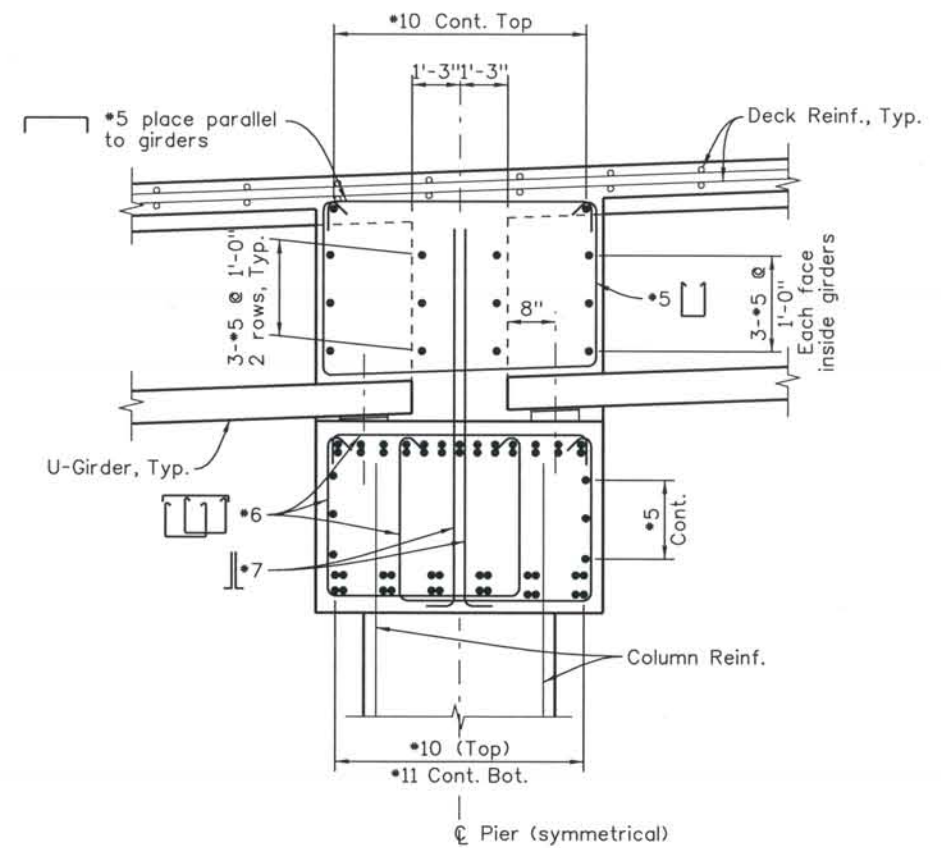
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION B29 C



SECTION B29 D



SECTION B29 E

NOTE:

- All reinforcing bars in Pier cap and diaphragm are non coated except those denoted (E) which are epoxy coated.
- Pier cap to achieve a minimum concrete strength of 4000 psi before placing girders.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PIER CAP AND DIAPHRAGM DETAILS
 3 OF 3
 SOUTHBOUND BRIDGE (I-17-00)

File Name	DS1-BR00-PRO4.DGN
Structure Number	I-17-00 I-17-0P

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B31
Structure Sheet No.	B31 of 43

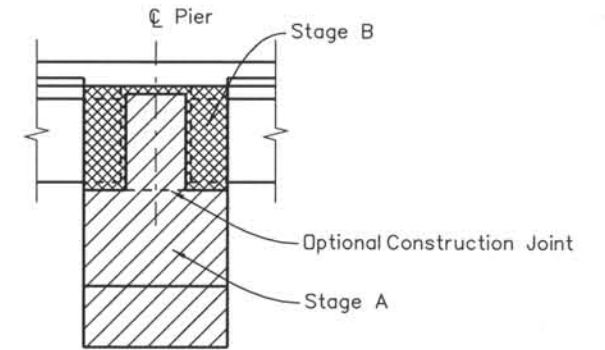
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

NOTES:

- Concrete shall be Class D.
- Anchorage devices shall be metallic. Anchorages shall be Multi-Plane DSI "MA" or VSL "EC", or equal.
- Each anchorage shall be confined within a reinforcing steel spiral (bursting steel) and spalling reinforcement (the grillage of #5 rebar, horizontally and vertically) shall be placed in front of the bearing plates. Bursting and spalling reinforcement shall be Grade 60 and conform to the requirements of Section 602. Reinforcing steel spirals shall be one piece, no lap splices.
- The anchorage bearing plates and reinforcing steel spirals shall be covered with concrete to provide a minimum of 4" of cover.
- The design is based on the following:
 Fj=Total Tendon Jacking Force
 Ff=Final Force in Tendon after all losses
 fi=4500 psi
 f'c=4500 psi
 f's=270 ksi
 μ=0.20
 k=0.0002/ft.
 Anchor set=0.25"
- 0.6"Ø low-relaxation strands in 3"Ø rigid ducts was assumed in the design.
- The jacking end shall be as indicated in the Elevation, sheet B32.
- Deviations from the duct pattern, strand size, and duct size assumed in the design shall be approved by the engineer.
- Reinforcing that interferes with the tendon alignment shall be adjusted as approved by the engineer.
- Shop drawings shall be prepared under the supervision (and contain the seal of) a Professional Engineer registered in the State of Colorado and in accordance with the requirements of subsection 618.01(a) and (c). Shop drawings shall provide:
 - Bearing plate and bursting steel size
 - Coordination of anchorages and anchorage reinforcing with other pier cap rebar.
 - All dimensions necessary to form concrete recesses, place anchorages and bursting steel in accordance with subsection 618.04(c)(6).
 - The strand elongations at jacking.
- Grouting shall be in accordance with 618.09, and shall occur within 7 days of stressing. Grouting shall occur from the stressing end.

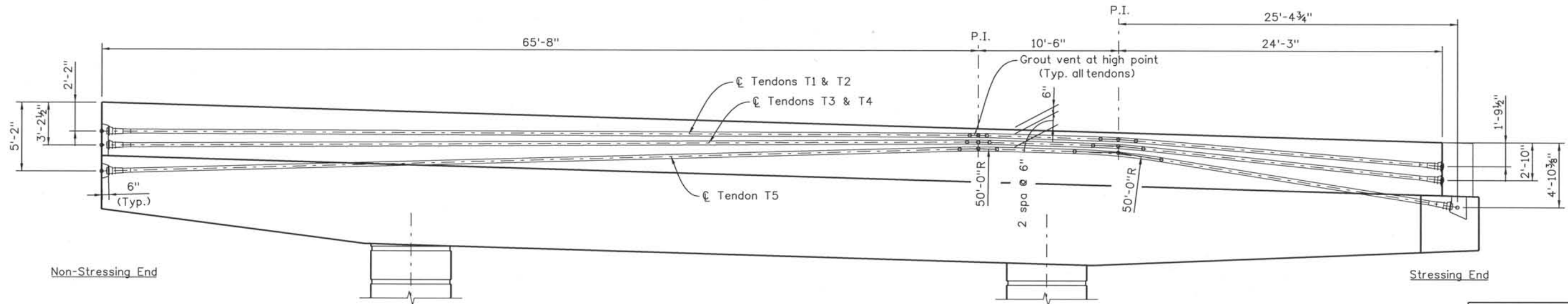
Tendon No.	Aps (Sq. In.)	Fj (kips)	Ff (kips)
Tendon T1	2.17	439	351
Tendon T2	2.17	439	351
Tendon T3	2.60	527	442
Tendon T4	2.60	527	442
Tendon T5	2.60	527	442



CONSTRUCTION AND TENDON STRESSING SEQUENCE

- Construct Stage A of cap beam on falsework.
- After concrete has reached a compressive strength of 4,500 psi, stress tendon 1 to 50%, stress tendon 2 to 100%, return to tendon 1 and stress to 100%.
- Remove falsework.
- Place phase 1 girders in the following sequence:
G2, G3, G4, G5 spans 1 and 2
- Stress tendon 3 to 50%, stress tendon 4 to 100%, return to tendon 3 and stress to 100%.
- Place Stage B construction.
- Place girder G1 and complete phase 2 construction.

CONSTRUCTION SEQUENCE



ELEVATION
(Looking Upstation)

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:08 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/8 at 11x17 Units: US Survey Foot

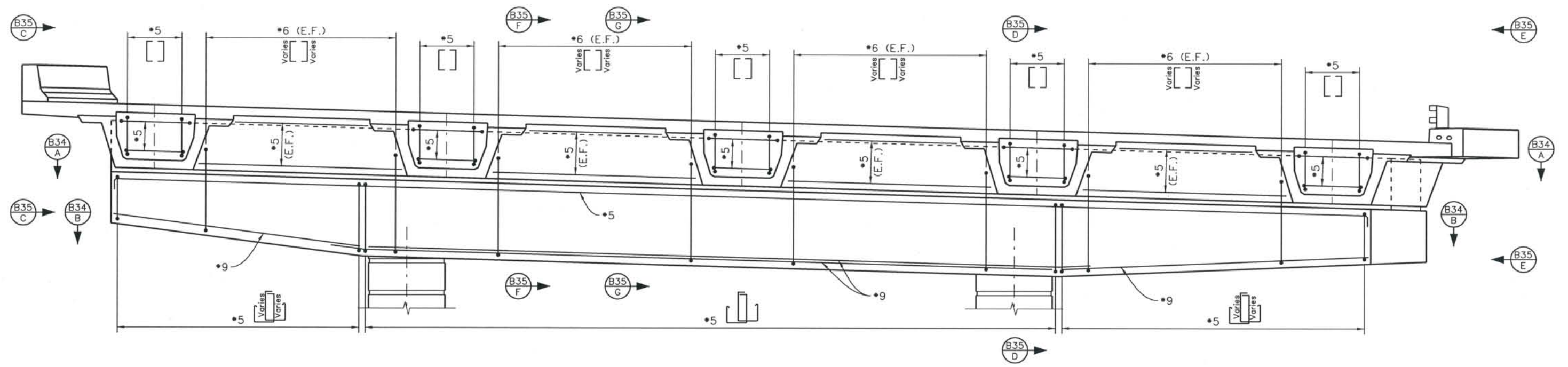
ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PIER CAP AND DIAPHRAGM DETAILS
 1 OF 4
 NORTHBOUND BRIDGE (I-17-OP)

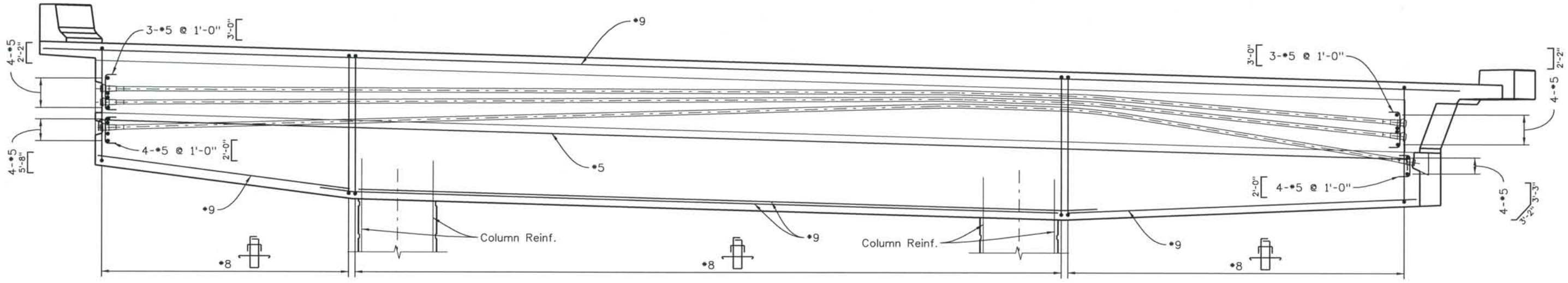
File Name: DS1-BR00-PRO5.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-00 I-17-OP	Project Dwg. No.: DS1-00-B32
	Structure Sheet No.: B32 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ELEVATION AT FACE OF PIER CAP



SECTION THROUGH CENTER OF PIER

- NOTE:
1. For epoxy coated reinforcement, see sheet B35.
 2. All bar splices to be staggered.
 3. Splice bottom bars over columns, splice top bars near midspan between columns, stagger splices.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:11 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PIER CAP AND DIAPHRAGM DETAILS
 2 OF 4
 NORTHBOUND BRIDGE (I-17-OP)

File Name: DS1-BR00-PR06.dgn
 Structure Number:
 I-17-00
 I-17-0P

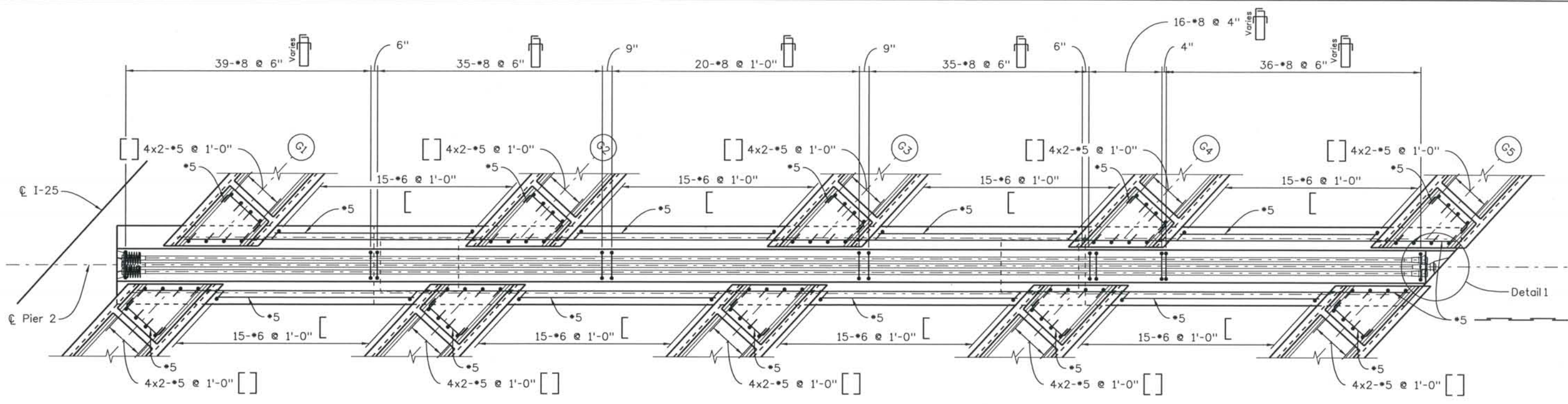
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B33
 Structure Sheet No.: B33 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

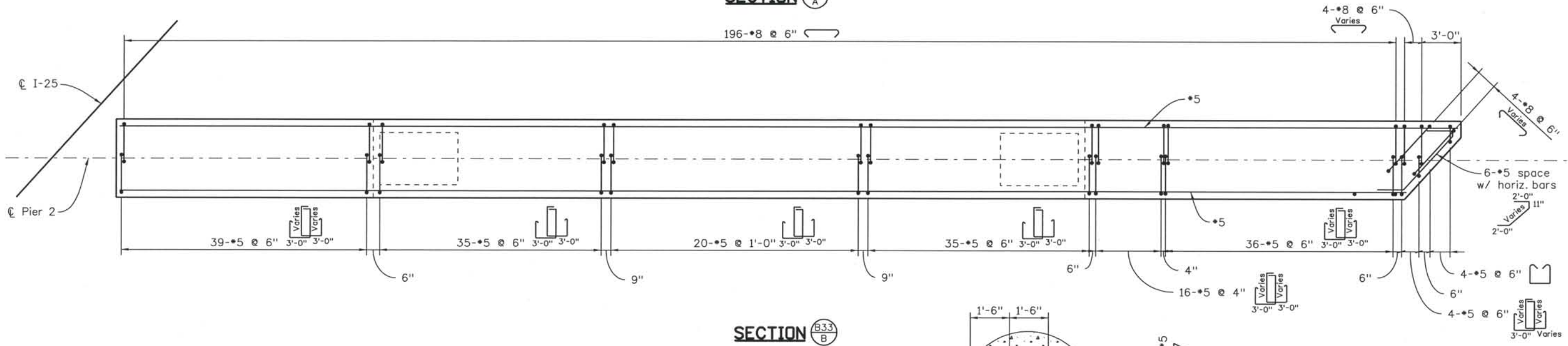
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:14 AM
 Plotted By: skramer
 CAD Ver: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: 1/8 at 11x17 Units: US Survey Foot



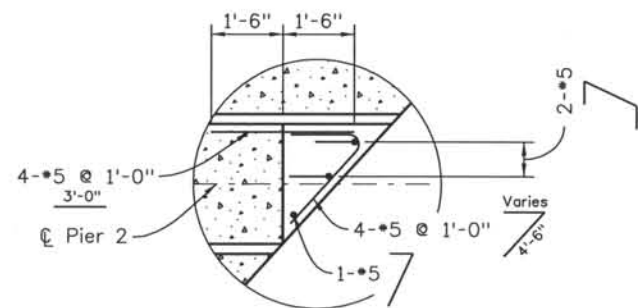
SECTION B33 A



SECTION B33 B

NOTES:

1. For epoxy coated reinforcement, see sheet B35.
2. All bar splices to be staggered.
3. Splice bottom bars over columns, splice top bars near midspan between columns, stagger splices.



DETAIL 1

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

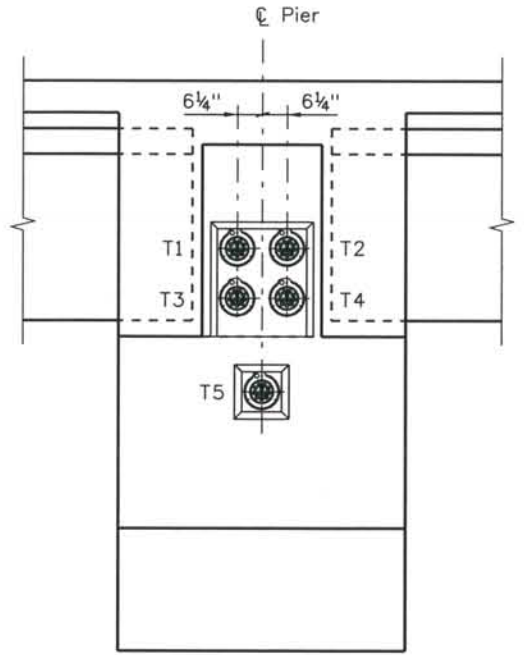


DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PIER CAP AND DIAPHRAGM DETAILS
 3 OF 4
 NORTHBOUND BRIDGE (I-17-OP)

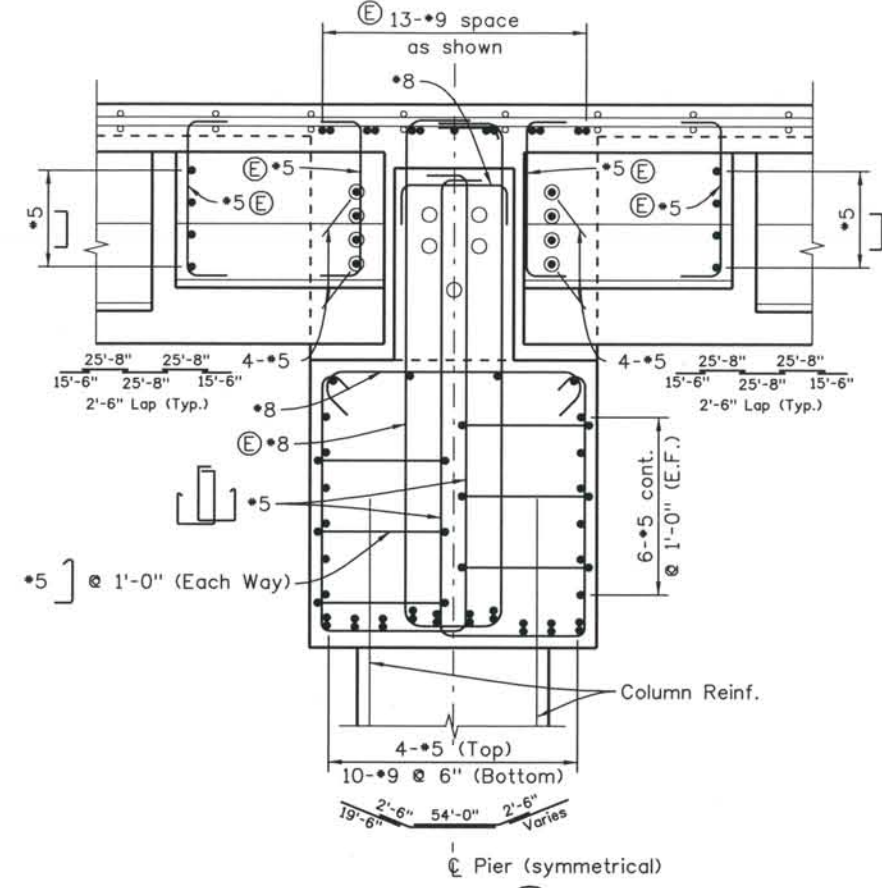
File Name: DS1-BR00-PR07.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-00 I-17-0P	Project Dwg. No.: DS1-00-B34
	Structure Sheet No.: B34 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

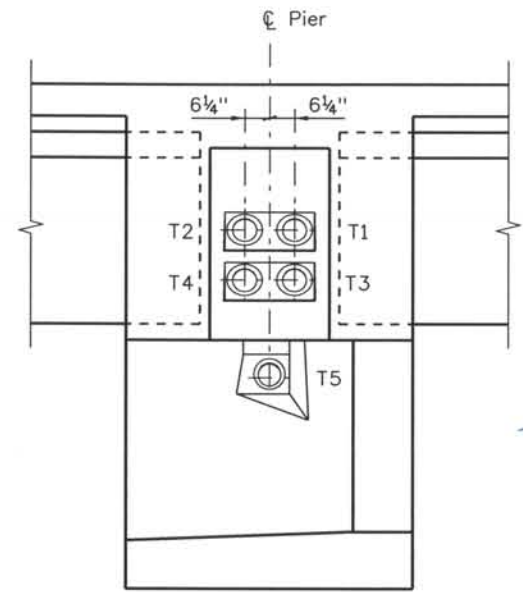
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION B33 C



SECTION B33 D



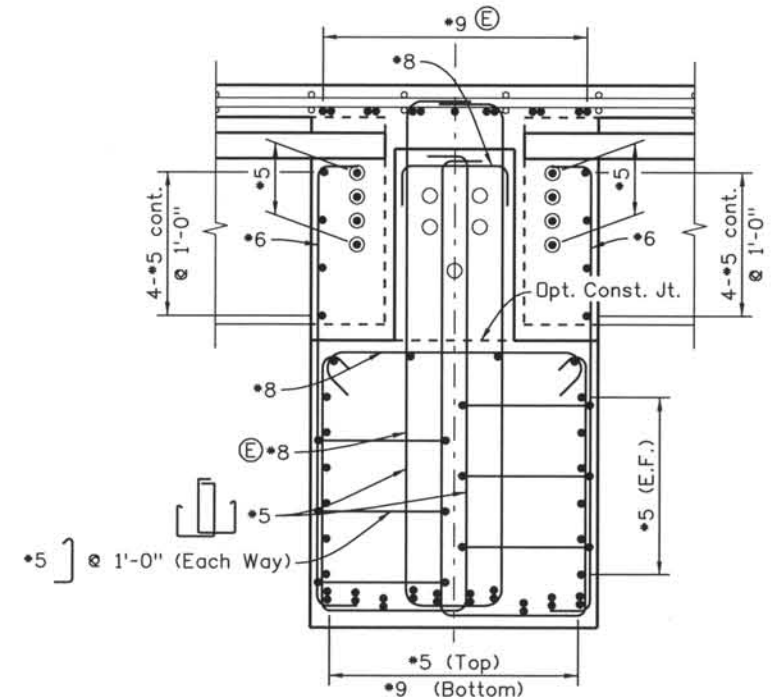
SECTION B33 E



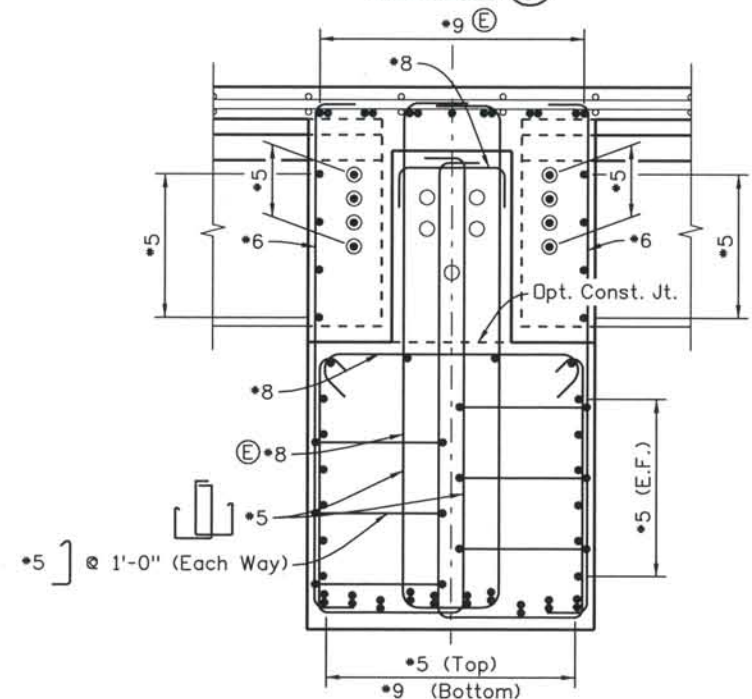
THE ENGINEER SEALS ONLY THE
 CLOUDED DESIGN REVISION
 ON THIS DRAWING.

NOTE:

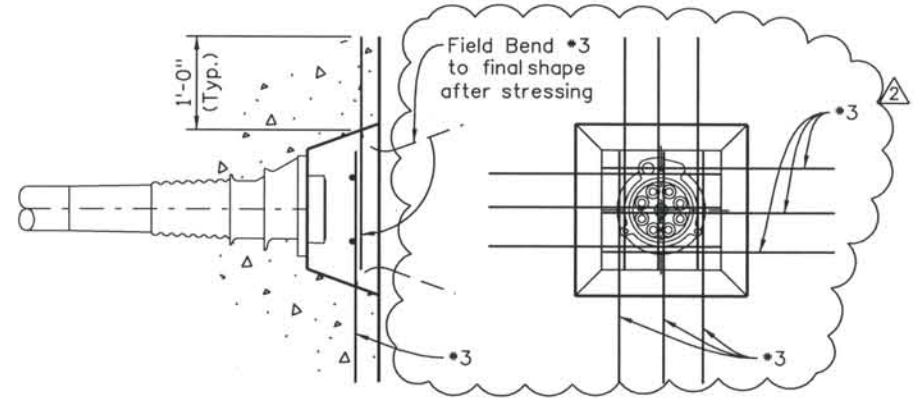
- All reinforcing bars in Pier cap and diaphragm are non coated except those denoted (E) which are epoxy coated.



SECTION B33 F



SECTION B33 G



BLOCKOUT DETAIL

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 10:50:01 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 1/4 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



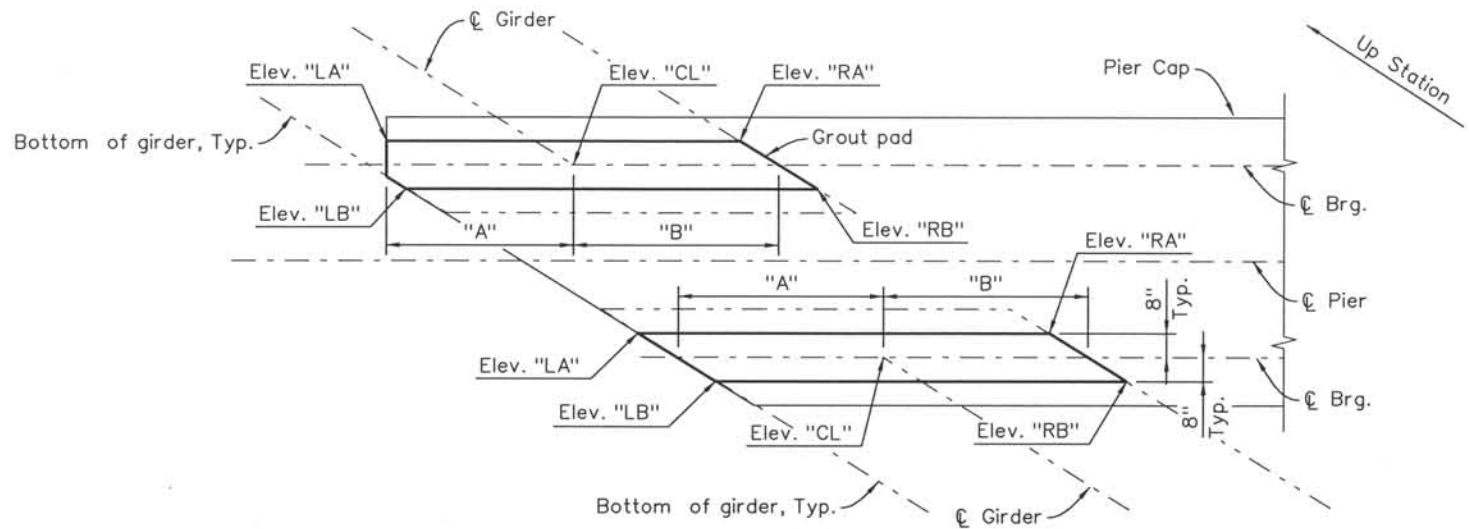
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PIER CAP AND DIAPHRAGM DETAILS
 4 OF 4
 NORTHBOUND BRIDGE (I-17-OP)

File Name: DSI-BR00-PR08.dgn
 Structure Number:
 I-17-00
 I-17-0P

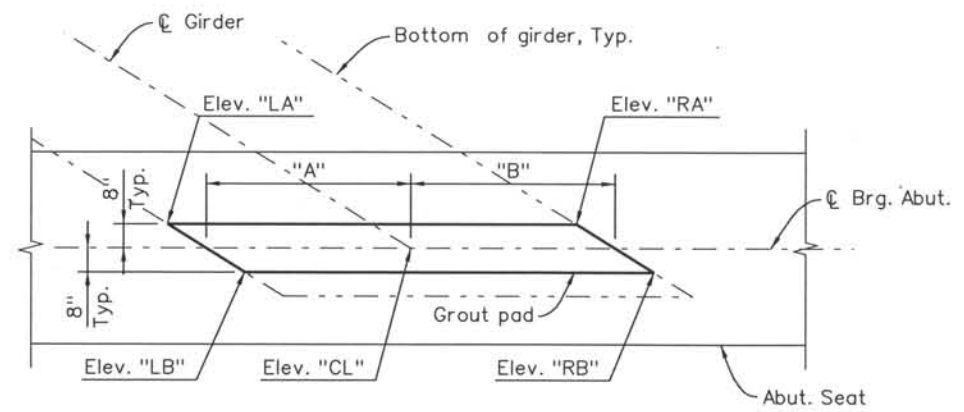
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DSI-00-B35
 Structure Sheet No.: B35 OF 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 ANDREW MICHAEL LEIFHEIT
 COLORADO P.E. NO. 36797

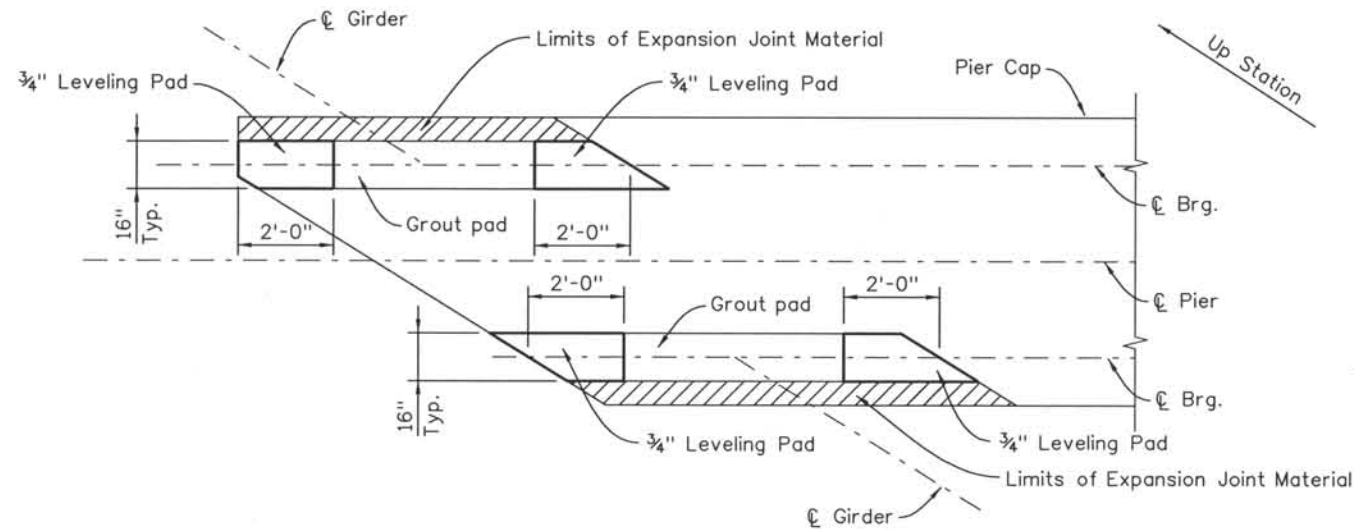
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



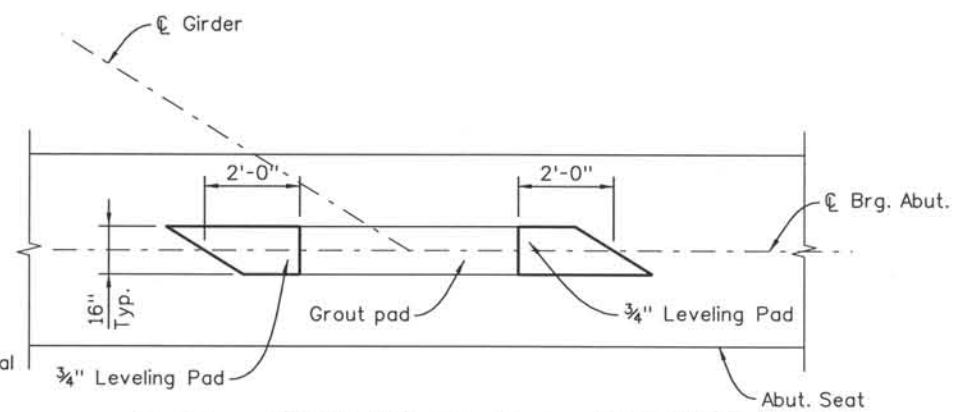
PLAN - GROUT PADS AT PIERS



PLAN - GROUT PADS AT ABUTMENTS



PLAN - LEVELING PADS AT PIERS



PLAN - LEVELING PADS AT ABUTMENTS

NOTES:

1. Concrete for grout pads shall have 1/4" maximum aggregate size and shall have a minimum compressive strength of 4500 psi. Grout pad concrete shall reach a minimum compressive strength of 3000 psi before erection of girders.
2. The leveling pad thickness shall be adjusted during erection by increments of 1/8" until the girder rests evenly on all four pads.
3. The neoprene thickness shall be at least 3/4" and no more than 1 1/2". Multiple layers of various thickness may be used in addition to the initial 3/4" leveling pad.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:20 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: 1/4 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
GROUT PAD DETAILS
 1 OF 2

File Name	DS1-BR00-BP01.dgn
Structure Number	I-17-00 I-17-0P

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B36
Structure Sheet No.	B36 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

GROUT PAD TABLE - I-25 SOUTHBOUND (I-17-00)

	Support Location (☉ Bearing)	GIRDER 1					GIRDER 2					GIRDER 3					GIRDER 4												
		Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"	Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"	Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"	Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"
Span 1	Abut. 1	3'-0 ⁵ / ₈ "	3'-0 ⁵ / ₈ "	6003.84	6003.96	6003.99	6003.70	6003.72	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6002.84	6002.95	6002.98	6002.70	6002.72	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6001.88	6001.99	6002.01	6001.75	6001.78	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6000.98	6001.08	6001.10	6000.85	6000.87
	Pier 2	3'-0 ⁵ / ₈ "	3'-0 ⁵ / ₈ "	6002.69	6002.81	6002.84	6002.54	6002.57	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6001.87	6001.98	6002.01	6001.73	6001.75	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6001.02	6001.13	6001.15	6000.89	6000.91	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6000.22	6000.32	6000.34	6000.10	6000.12
Span 2	Pier 2	3'-1 ¹ / ₄ "	3'-1 ¹ / ₄ "	6002.60	6002.70	6002.74	6002.46	6002.50	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6001.80	6001.89	6001.92	6001.67	6001.70	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6000.95	6001.04	6001.07	6000.84	6000.87	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6000.17	6000.25	6000.27	6000.06	6000.08
	Abut. 3	3'-1 ¹ / ₄ "	3'-1 ¹ / ₄ "	6001.07	6001.17	6001.21	6000.93	6000.97	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6000.53	6000.62	6000.65	6000.40	6000.43	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5999.80	5999.89	5999.92	5999.69	5999.72	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5999.13	5999.22	5999.24	5999.03	5999.05

GROUT PAD TABLE - I-25 SOUTHBOUND (I-17-00)

	Support Location (☉ Bearing)	GIRDER 5					GIRDER 6								
		Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"	Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"
Span 1	Abut. 1	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	6000.12	6000.22	6000.23	6000.01	6000.02	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5999.32	5999.41	5999.42	5999.22	5999.23
	Pier 2	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5999.48	5999.57	5999.59	5999.36	5999.38	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5998.79	5998.88	5998.89	5998.68	5998.70
Span 2	Pier 2	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5999.43	5999.51	5999.53	5999.33	5999.35	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5998.75	5998.84	5998.84	5998.66	5998.67
	Abut. 3	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5998.51	5998.59	5998.61	5998.42	5998.41	3'-0 ¹ / ₄ "	3'-0 ¹ / ₄ "	5997.95	5998.02	5998.04	5997.86	5997.87

GROUT PAD TABLE - I-25 NORTHBOUND (I-17-OP)

	Support Location (☉ Bearing)	GIRDER 1					GIRDER 2					GIRDER 3					GIRDER 4												
		Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"	Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"	Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"	Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"
Span 1	Abut. 1	3'-0"	3'-0"	5998.62	5998.70	5998.71	5998.52	5998.53	3'-0"	3'-0"	5997.90	5997.98	5997.99	5997.81	5997.82	3'-0"	3'-0"	5997.24	5997.33	5997.32	5997.16	5997.17	3'-0"	3'-0"	5996.64	5996.70	5996.71	5996.57	5996.57
	Pier 2	3'-0"	3'-0"	5998.17	5998.26	5998.27	5998.08	5998.09	3'-0"	3'-0"	5997.57	5997.65	5997.65	5997.48	5997.47	3'-0"	3'-0"	5997.02	5997.09	5997.10	5996.94	5996.95	3'-0"	3'-0"	5996.53	5996.59	5996.60	5996.46	5996.46
Span 2	Pier 2	3'-0"	3'-0"	5998.13	5998.20	5998.21	5998.05	5998.07	3'-0"	3'-0"	5997.54	5997.60	5997.61	5997.46	5997.48	3'-0"	3'-0"	5997.00	5997.05	5997.06	5996.93	5996.94	3'-0"	3'-0"	5996.51	5996.56	5996.57	5996.46	5996.46
	Abut. 3	3'-0"	3'-0"	5997.43	5997.50	5997.51	5997.35	5997.36	3'-0"	3'-0"	5996.96	5997.01	5997.03	5996.88	5996.90	3'-0"	3'-0"	5996.54	5996.59	5996.60	5996.47	5996.48	3'-0"	3'-0"	5996.17	5996.22	5996.23	5996.12	5996.12

GROUT PAD TABLE - I-25 NORTHBOUND (I-17-OP)

	Support Location (☉ Bearing)	GIRDER 5						
		Dim. "A"	Dim. "B"	Elev. "CL"	Elev. "LA"	Elev. "LB"	Elev. "RA"	Elev. "RB"
Span 1	Abut. 1	3'-0"	3'-0"	5996.09	5996.15	5996.15	5996.03	5996.03
	Pier 2	3'-0"	3'-0"	5996.09	5996.15	5996.15	5996.03	5996.03
Span 2	Pier 2	3'-0"	3'-0"	5996.08	5996.13	5996.13	5996.04	5996.04
	Abut. 3	3'-0"	3'-0"	5995.86	5995.91	5995.91	5995.82	5995.82

NOTES:

- CL - Centerline Girder and Centerline Bearings
- LA - Looking Upstation - Left Side, Upstation
- RA - Looking Upstation - Right Side, Upstation
- LB - Looking Upstation - Left Side, Downstation
- RB - Looking Upstation - Right Side, Downstation

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:23 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



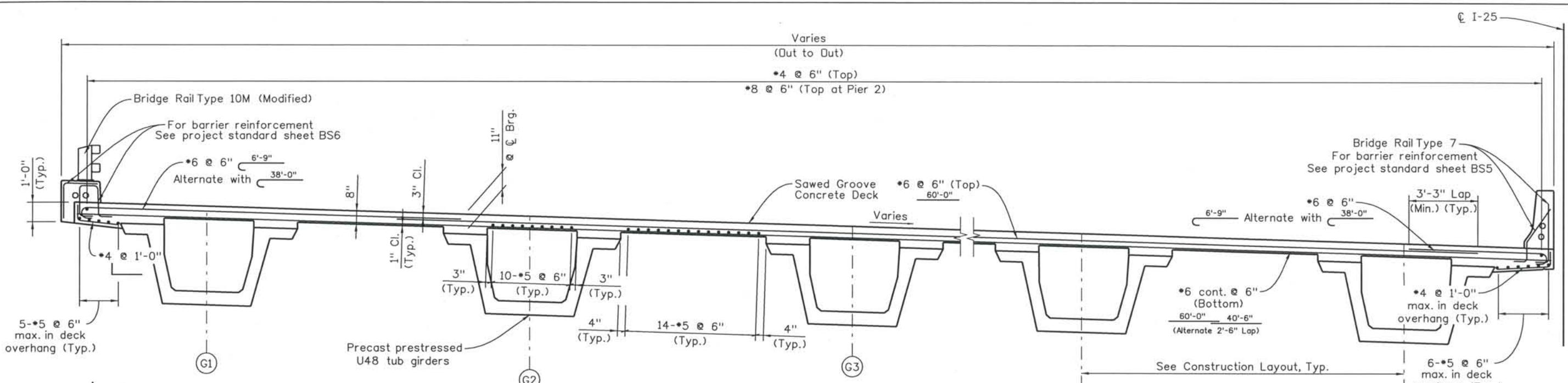
DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
GROUT PAD DETAILS
2 OF 2

File Name: DS1-BR00-BP02.dgn
 Structure Number:
 I-17-00
 I-17-OP

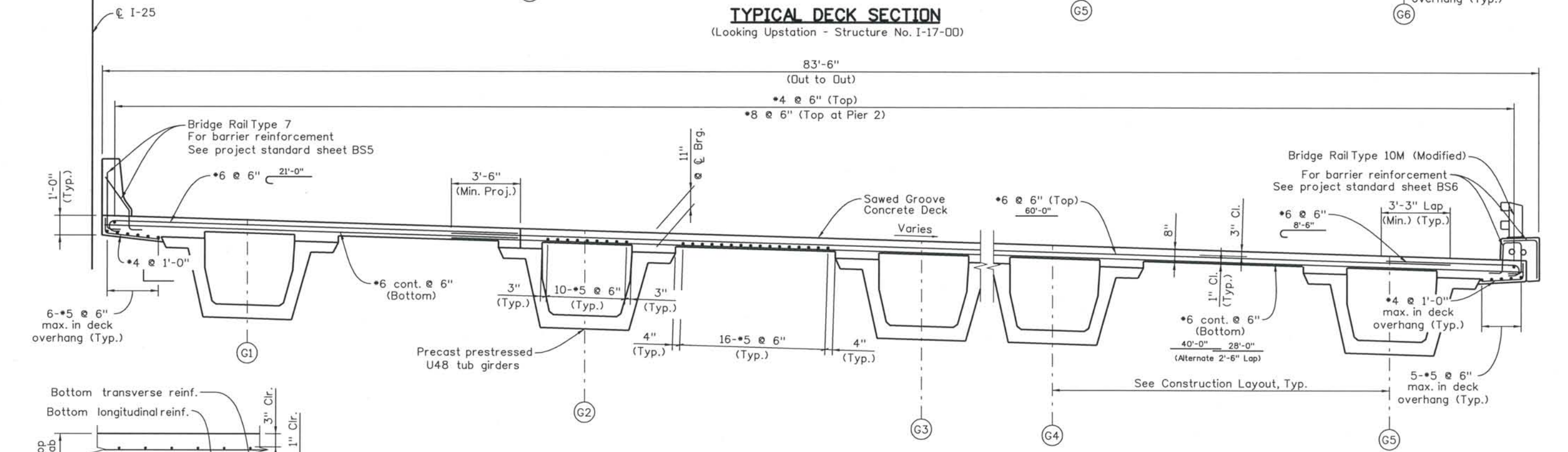
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-00-B37
 Structure Sheet No. B37 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



TYPICAL DECK SECTION
(Looking Upstation - Structure No. I-17-00)



TYPICAL DECK SECTION
(Looking Upstation - Structure No. I-17-0P)

Notes:
1. Deck concrete shall be Class H (Bridge).

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 ANDREW MICHAEL LEIFHEIT
 COLORADO P.E. NO. 36797

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:26 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/16 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD			
DESIGNED BY:	NO.	DESCRIPTION	DATE
A.M.L.	A	90% DESIGN SUBMITTAL	04/24/06
M.M.M.	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
Checked By:	2	AS-BUILT PLANS SUBMITTAL	08/15/08
B.F.G.			



DESIGN SEGMENT 1
I-25 OVER COLORADO AVENUE
SUPERSTRUCTURE SECTION

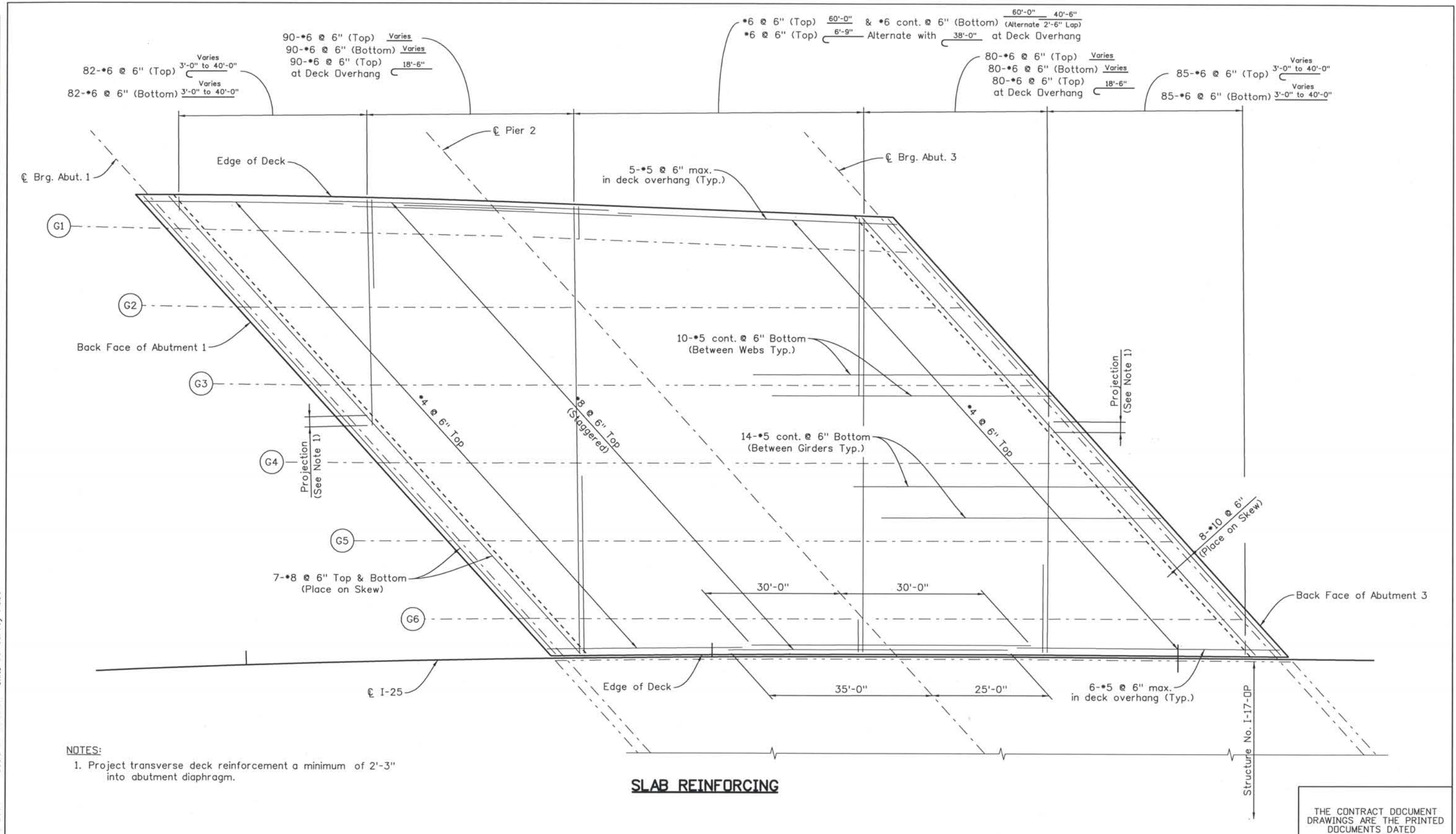
File Name	DS1-BR00-DK01.dgn
Structure Number	I-17-00 I-17-0P

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-00-B38
Structure Sheet No.	B38 of 43

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:45:30 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI Bridge
 Scale: 20 at 11x17 Units: US Survey Foot



NOTES:
 1. Project transverse deck reinforcement a minimum of 2'-3" into abutment diaphragm.

SLAB REINFORCING

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION FDC No. 2	05/18/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



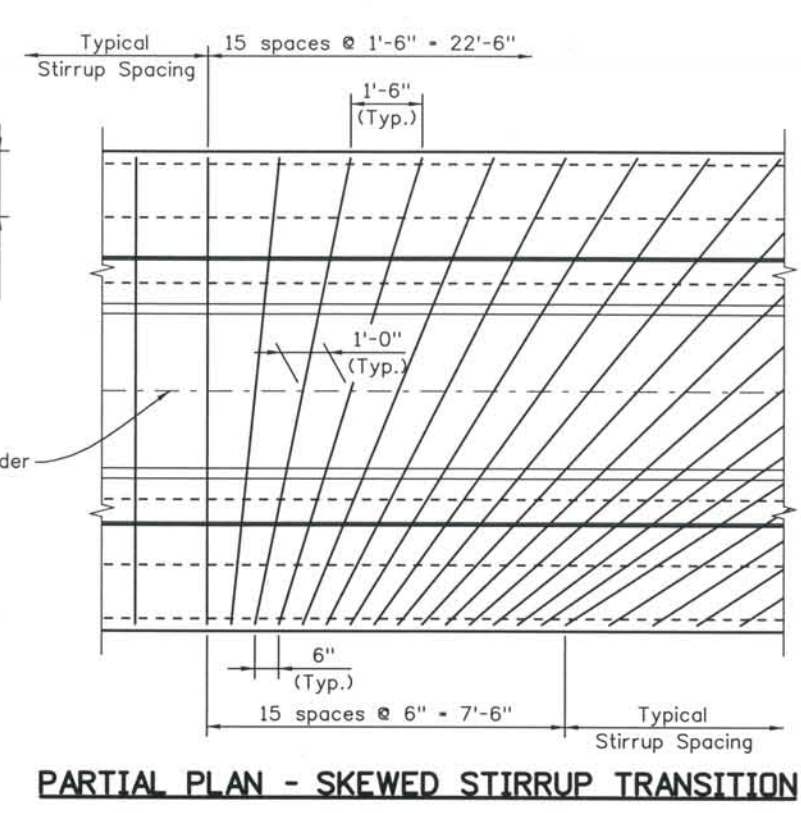
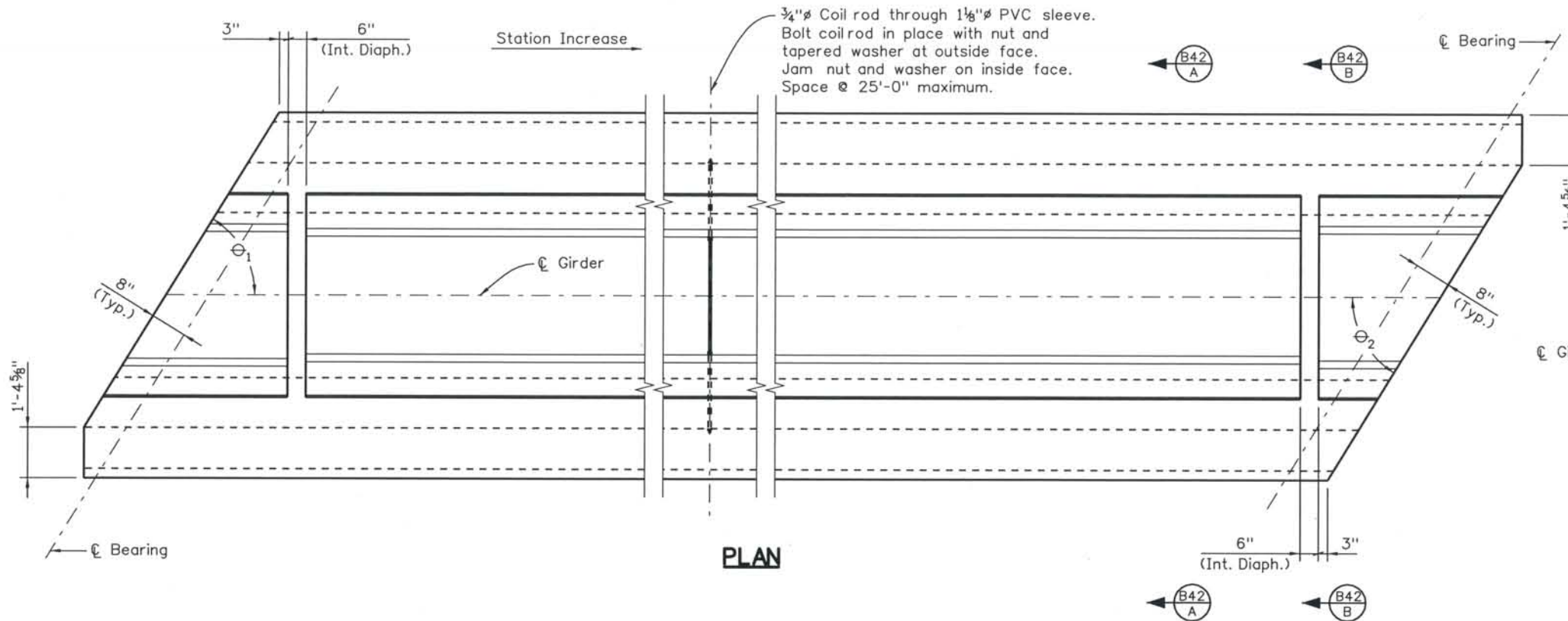
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 SLAB REINFORCING PLAN
 SOUTHBOUND BRIDGE (I-17-00)

File Name: DSI-BR00-DK02.dgn
 Structure Number:
 I-17-00
 I-17-0P

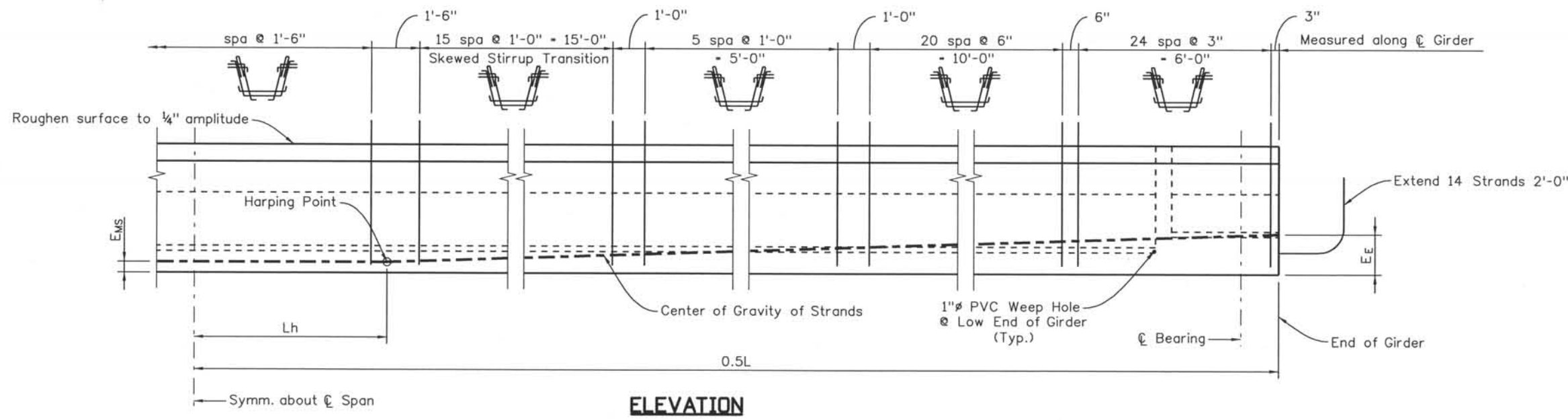
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DSI-00-B39
 Structure Sheet No. B39 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



NOTES:
 1. For girder notes and schedule, see sheet B43.



Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:36 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4" = 1'-0"
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



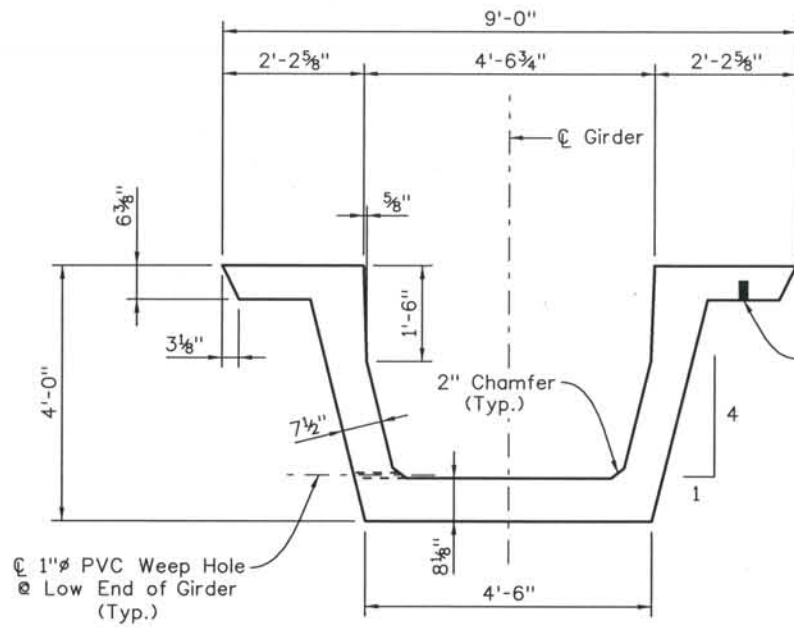
DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PRESTRESSED CONCRETE U-GIRDER
 1 OF 3

File Name: DSI-BR00-CR01.dgn
 Structure Number:
 I-17-00
 I-17-0P

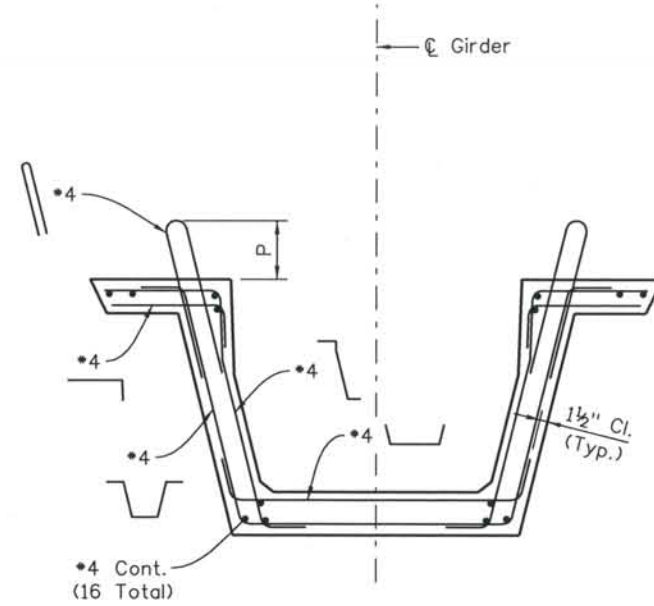
Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B41
 Structure Sheet No.: B41 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

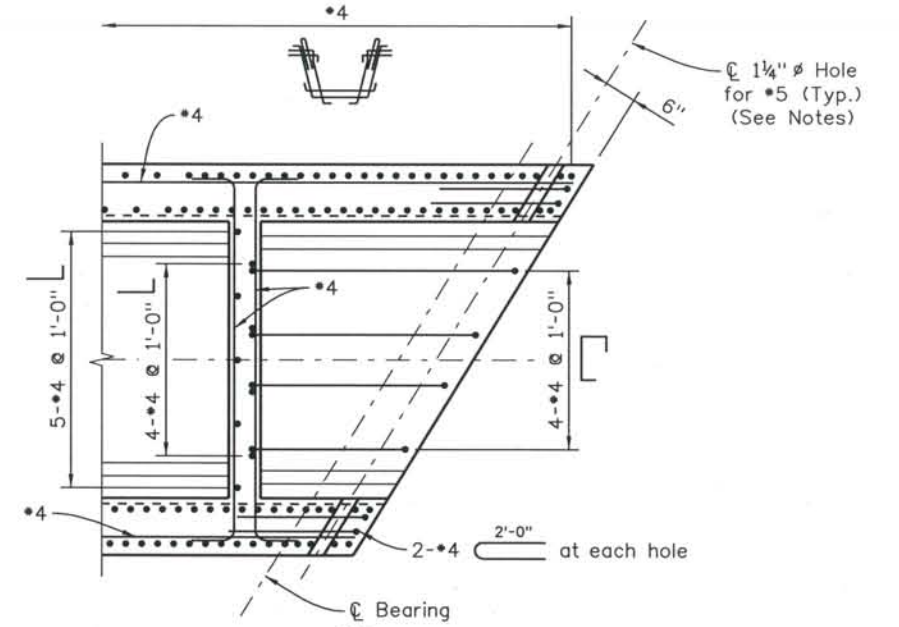
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



SECTION B41 A
(Dimensions)



SECTION B41 A
(Reinforcement)



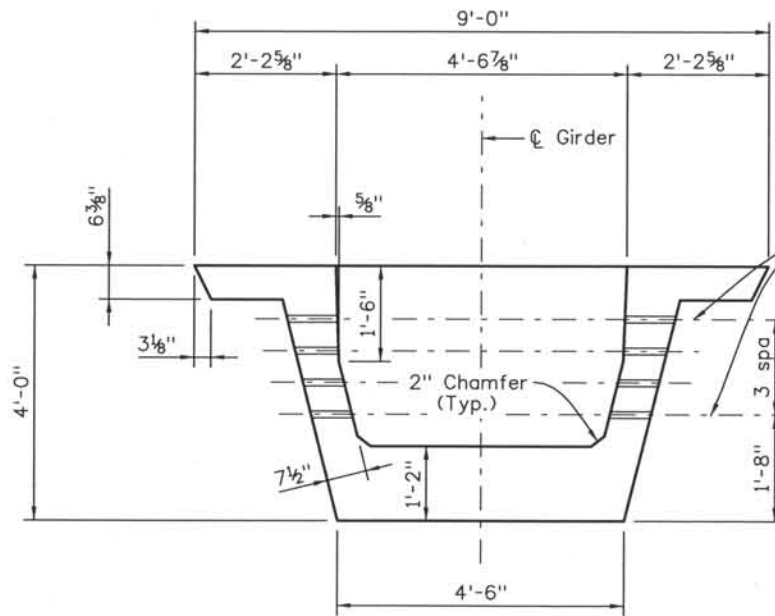
SECTION C

NOTES:

- 1 1/4" holes are required on Structure No. I-17-OP only. They shall be provided at the upstation end of span 1, and the downstation end of span 2.
- Holes may be adjusted to miss harped strands.
- Exterior webs of exterior girders do not require penetrations.

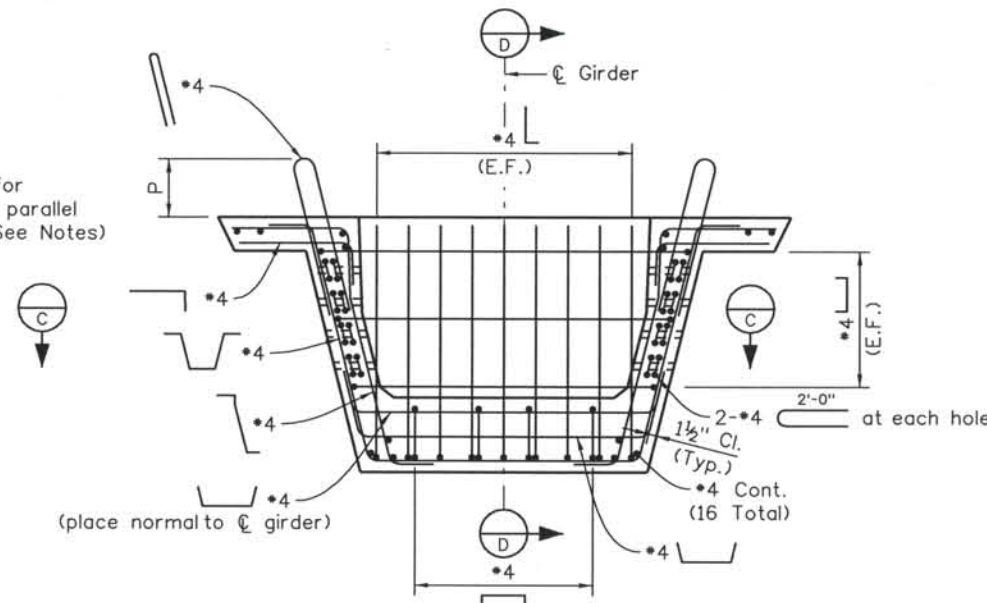
NOTES:

- P = 6" (Typ.)
- P = 7" (for stirrups spaced @ 3")

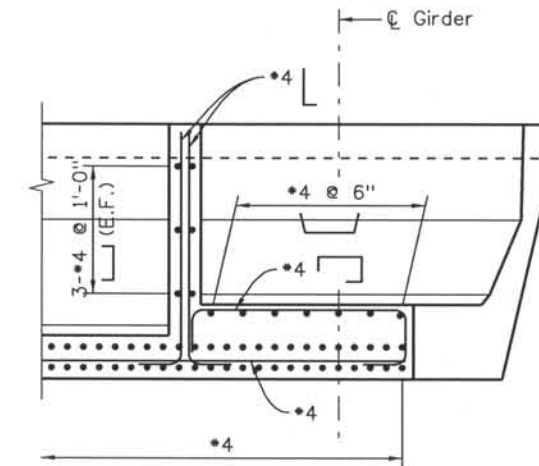


SECTION B41 B
(Dimensions)

1 1/4" Hole for #5 (Typ.), place parallel to bottom slab (See Notes)



SECTION B41 B
(Reinforcement)

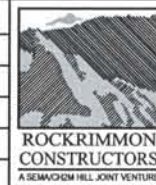


SECTION D

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:45:39 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PRESTRESSED CONCRETE U-GIRDER
 2 OF 3

File Name: DS1-BR00-GR02.dgn
 Structure Number:
 I-17-00
 I-17-0P

Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-00-B42
 Structure Sheet No.: B42 of 43

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

GIRDER SCHEDULE - I-25 SOUTHBOUND (I-17-00)															
Span No.	Girder No.	L (feet)	Θ ₁ (deg)	Θ ₂ (deg)	Lh (feet)	A _s * (in sq)	Debond Strands (%)	E _E (inch)	E _{MS} (inch)	F _J (kips)	F _F (kips)	Concrete Strength		Δ (inch)	Predicted Camber (inch)
												f' _{ci} (psi)	f' _c (psi)		
1	G1	72.26	46.6	46.6	7.25	5.642		8.13	3.22	1143	979	6000	8000	1.0	1.0
	G2	70.77	47.9	47.9	7.25	5.642		8.13	3.22	1143	979	6000	8000	1.0	1.0
	G3	70.77	47.9	47.9	7.25	5.642		8.13	3.22	1143	979	6000	8000	1.0	1.0
	G4	70.77	47.9	47.9	7.25	5.642		8.13	3.22	1143	979	6000	8000	1.0	1.0
	G5	70.77	47.9	47.9	7.25	5.642		8.13	3.22	1143	979	6000	8000	1.0	1.0
	G6	70.77	47.9	47.9	7.25	5.642		8.13	3.22	1143	979	6000	8000	1.0	1.0
2	G1	83.47	45.6	45.6	8.33	11.067		11.87	5.52	2241	1737	6000	8000	2.2	2.6
	G2	80.37	47.9	47.9	8.33	11.067		11.87	5.52	2241	1737	6000	8000	2.2	2.6
	G3	80.37	47.9	47.9	8.33	11.067		11.87	5.52	2241	1737	6000	8000	2.2	2.6
	G4	80.37	47.9	47.9	8.33	11.067		11.87	5.52	2241	1737	6000	8000	2.2	2.6
	G5	80.37	47.9	47.9	8.33	11.067		11.87	5.52	2241	1737	6000	8000	2.2	2.6
	G6	80.37	47.9	47.9	8.33	11.067		11.87	5.52	2241	1737	6000	8000	2.2	2.6

GIRDER SCHEDULE - I-25 NORTHBOUND (I-17-0P)															
Span No.	Girder No.	L (feet)	Θ ₁ (deg)	Θ ₂ (deg)	Lh (feet)	A _s * (in sq)	Debond Strands (%)	E _E (inch)	E _{MS} (inch)	F _J (kips)	F _F (kips)	Concrete Strength		Δ (inch)	Predicted Camber (inch)
												f' _{ci} (psi)	f' _c (psi)		
1	G1	71.06	47.5	47.5	7.0	5.425		8.36	3.25	1099	959	6000	8000	1.0	0.7
	G2	71.06	47.5	47.5	7.0	5.425		8.36	3.25	1099	959	6000	8000	1.0	0.7
	G3	71.06	47.5	47.5	7.0	5.425		8.36	3.25	1099	959	6000	8000	1.0	0.7
	G4	71.06	47.5	47.5	7.0	5.425		8.36	3.25	1099	959	6000	8000	1.0	0.7
	G5	71.06	47.5	47.5	7.0	5.425		8.36	3.25	1099	959	6000	8000	1.0	0.7
2	G1	80.72	47.5	47.5	8.0	9.765		9.30	4.25	1977	1562	6000	8000	2.2	2.4
	G2	80.72	47.5	47.5	8.0	9.765		9.30	4.25	1977	1562	6000	8000	2.2	2.4
	G3	80.72	47.5	47.5	8.0	9.765		9.30	4.25	1977	1562	6000	8000	2.2	2.4
	G4	80.72	47.5	47.5	8.0	9.765		9.30	4.25	1977	1562	6000	8000	2.2	2.4
	G5	80.72	47.5	47.5	8.0	9.765		9.30	4.25	1977	1562	6000	8000	2.2	2.4

NOTES:

When approved by the Engineer, a minimum of tack welding will be permitted on ASTM A706 uncoated reinforcing steel.

Reinforcing projecting from the top of the girder and reinforcing within eight feet of an expansion device in the bridge deck shall be epoxy coated. Damaged coating on girder reinforcing need not be repaired. The minimum cover for reinforcing steel is 1".

At girder ends not embedded in concrete diaphragms, cut strands off 1" below the surface of the concrete and finish with an approved epoxy grout. At girder ends embedded in concrete diaphragms, cut strands to project 3", except as shown. Do not make cosmetic repairs (damage less than 1/4" deep) to the parts of the girders embedded in concrete.

Use low relaxation strands meeting the requirements of ASTM A-416 Grade 270. The minimum clear distance between groups or individual strands shall be 2.3 (d_s) but not less than 1 3/8". The minimum cover for prestressing steel is 1 1/2".

A minimum of two harping points shall be used per girder. Harped strands shall be well distributed at the girder ends, starting within 4" of the top of the girder and distributed such that there is no space between strands greater than 1'-0" at the end of the girder. As an alternate the Contractor may place *4 x 10'0" in the sides of the end of the web parallel to the harped strands such that there is no space greater than 1'-0".

- A_s* - minimum area of the prestressing steel.
- d_s - nominal strand diameter.
- f'_s - ultimate strength of the prestressing steel.
- F_j - jacking force per girder.
- F_f - final force per girder after all losses.
- f'_{ci} - required concrete strength at release of prestress force.
- f'_c - required concrete strength at 28 days of age.
- L - length of girder along the grade of the girder.
- Δ - deflection at centerline of span due to cast-in-place slab, diaphragms, asphalt, curbs, rails and walks.
- Θ - bridge skew angle

Concrete shall be Class PS.

Entrained air is not required for girder concrete

End diaphragms shall be installed prior to transfer on all girders unless otherwise noted. All permanent diaphragms not embedded in concrete shall be galvanized.

Use 1/2" chamfer on all corners, except as noted.

Predicted camber is the camber for the girder alone at 90 days. The Contractor shall limit the camber to a value not to deviate from the predicted camber by more than (0.0005 x L + 0.5") at the time of the deck pour by weighing, scheduling fabrication, post tensioning, changing storage support points, or other means and must report to the Engineer values of camber which exceed the predicted camber plus this tolerance. Remedial measures, as approved by the Engineer, shall be taken if the predicted camber plus the allowed tolerance is exceeded. The approved remedial measure shall be free of any adverse impact. The costs associated with all remedial measures shall be borne by the Contractor.

Dimensional tolerances for precast "U" girders shall be those tolerances specified in MNL-116, Section 6.4 as shown for I girders with the following exception: Flange widths and widths between flanges ±1/16"/ft width, ±1/4" minimum. Variation from specified plan end squareness or skew, ±1/8"/ft width of each flange or overall width.

When a girder is shown with both a harped design and a debonded design for a girder, the choice of design is the contractors option. If only a harped or a debonded design or a combination design is shown, that design shall be used with no contractor option or redesign. When used, debonding shall extend in uniformly varying lengths to 3 ft. before the harping point shown, but not closer than 17 ft. to the center of the span.

- D20 wires may be used in lieu of *4.
- 2-D20 wires may be used in lieu of *6.
- D11 or W10.9 wires may be used in lieu of *3.
- W5 wires may be used in lieu of *2.
- Lightly tensioned strand in an alternate for *4 cont.

The deck shall not be placed until 28 days after the casting date of the last girder.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:45:41 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
ND.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 OVER COLORADO AVENUE
 PRESTRESSED CONCRETE U-GIRDER
 3 OF 3

File Name: DS1-BR00-GR03.dgn
 Structure Number:
 I-17-00
 I-17-0P

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-00-B43
 Structure Sheet No. B43 of 43

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 ANDREW MICHAEL LEIFHEIT
 COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

GENERAL NOTES

A COLORED STRUCTURAL CONCRETE COATING FINISH WILL BE REQUIRED, AS SHOWN ON THE PLANS, ON EXPOSED CONCRETE SURFACES. THE COLOR SHALL BE EQUIVALENT TO FEDERAL STANDARD 595B COLORS NO. 30313 AND 30227, AND IS TO BE SELECTED FROM TEST PANELS PROVIDED BY THE CONTRACTOR.

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M213.

THE FINAL FINISH FOR THE SURFACES OF THE TYPE 7 BRIDGE RAIL SHALL BE CLASS 2. ALL OTHER EXPOSED CONCRETE SURFACES SHALL RECEIVE A CLASS 1 FINISH TO ONE FOOT BELOW THE GROUND LINE.

GRADE 60 REINFORCING STEEL IS REQUIRED.

ALL REINFORCING STEEL SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED.

(N) DENOTES NON COATED REINFORCING STEEL.

FOR STRUCTURE NUMBER INSTALLATION, SEE STANDARD S-614-12.

LEVELING PADS ARE UNLAMINATED BEARINGS. THEY SHALL BE CUT OR MOLDED FROM AASHTO ELASTOMER GRADE 3, 4 OR 5 AS DESCRIBED IN TABLES 705-1 AND 705-2 WITH A DUROMETER (SHORE "A") HARDNESS OF 60.

STAY IN PLACE STEEL DECK FORMS ARE REQUIRED.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

DESIGN DATA

AASHTO, THIRD EDITION LRFD, 2004

DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN

LIVE LOAD: HL-93 (DESIGN TRUCK OR TANDEM, AND DESIGN LANE LOAD) - COLORADO PERMIT VEHICLE

DEAD LOAD: ASSUMES 36 LBS. PER SQ. FT. FOR FUTURE BRIDGE DECK OVERLAY ASSUMES 5 LBS. PER SQ. FT. FOR STAY IN PLACE FORMS

REINFORCED CONCRETE:

CLASS D CONCRETE: $f'c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

CAISSON CONCRETE:

CLASS BZ CONCRETE: $f'c = 4,000$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

DECK CONCRETE:

CLASS H CONCRETE: $f'c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

PRESTRESSED CONCRETE:

CLASS PS CONCRETE: $f'c =$ (SEE GIRDER DETAILS)
 $f's = 270,000$ psi

REINFORCING

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-7"	2'-0"	2'-6"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-4"	1'-8"	2'-0"	2'-4"	3'-1"	3'-10"	4'-11"	6'-0"

THE ABOVE SPLICE LENGTHS SHALL BE INCREASED BY 20 PERCENT FOR 3 BAR BUNDLES AND 33 PERCENT FOR 4 BAR BUNDLES.

THE ABOVE SPLICE LENGTHS MAY BE REDUCED BY 20% WHEN 3" OF CLEAR COVER EXISTS AND BAR SPACING IS 6" OR GREATER ON CENTER.

ALL SPLICES SHALL BE STAGGERED UNLESS SHOWN OTHERWISE.

INDEX OF DRAWINGS

SHEET NO.	TITLE
B1	GENERAL INFORMATION
B2	GENERAL LAYOUT (1 OF 2)
B3	GENERAL LAYOUT (2 OF 2)
B4	CONSTRUCTION LAYOUT
B5	FOUNDATION LAYOUT
B6	CAISSON AND DRIVEN PILE DETAILS
B7	ABUTMENT 1 DIMENSIONS (1 OF 2)
B8	ABUTMENT 1 DIMENSIONS (2 OF 2)
B9	ABUTMENT 3 DIMENSIONS (1 OF 2)
B10	ABUTMENT 3 DIMENSIONS (2 OF 2)
B11	ABUTMENT REINFORCING (1 OF 2)
B12	ABUTMENT REINFORCING (2 OF 2)
B13	PIER 2 DIMENSIONS
B14	COLUMN DETAILS
B15	PIER CAP AND DIAPHRAGM DETAILS (1 OF 3)
B16	PIER CAP AND DIAPHRAGM DETAILS (2 OF 3)
B17	PIER CAP AND DIAPHRAGM DETAILS (3 OF 3)
B18	GROUT PAD DETAILS
B19	SUPERSTRUCTURE SECTION
B20	SLAB REINFORCING PLAN
B21	PRESTRESSED CONCRETE U-GIRDER (1 OF 3)
B22	PRESTRESSED CONCRETE U-GIRDER (2 OF 3)
B23	PRESTRESSED CONCRETE U-GIRDER (3 OF 3)

PROJECT STANDARD DRAWINGS

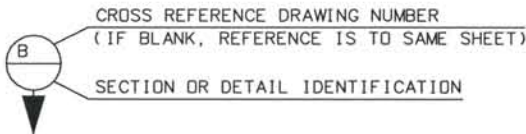
SHEET NO.	TITLE
BS1	BACKFILL AT ABUTMENTS
BS2	MECHANICALLY STABILIZED BACKFILL
BS11	BRIDGE EXPANSION DEVICE DETAILS TYPE I (1 OF 3)
BS12	BRIDGE EXPANSION DEVICE DETAILS TYPE I (2 OF 3)
BS13	BRIDGE EXPANSION DEVICE DETAILS TYPE I (3 OF 3)
BS24	APPROACH SLAB TYPE IV DETAILS (1 OF 2)
BS25	APPROACH SLAB TYPE IV DETAILS (2 OF 2)
BS26	ARCHITECTURAL RAIL DETAILS (1 OF 3)
BS27	ARCHITECTURAL RAIL DETAILS (2 OF 3)
BS28	ARCHITECTURAL RAIL DETAILS (3 OF 3)

BRIDGE DESCRIPTION

TWO SPAN (88'-6", 79'-9") PRESTRESSED COLORADO U-GIRDER BRIDGE WITH CAST-IN-PLACE CONCRETE SLAB CARRYING BIJOU STREET OVER I-25. STRUCTURE IS 114'-6" OUT TO OUT, WITH SIDEWALKS AND BRIDGE RAIL TYPE 10M.

ABBREVIATIONS

- E.F. - EACH FACE
- F.F. - FAR FACE
- N.F. - NEAR FACE
- WP - WORKING POINT



Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:46:27 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

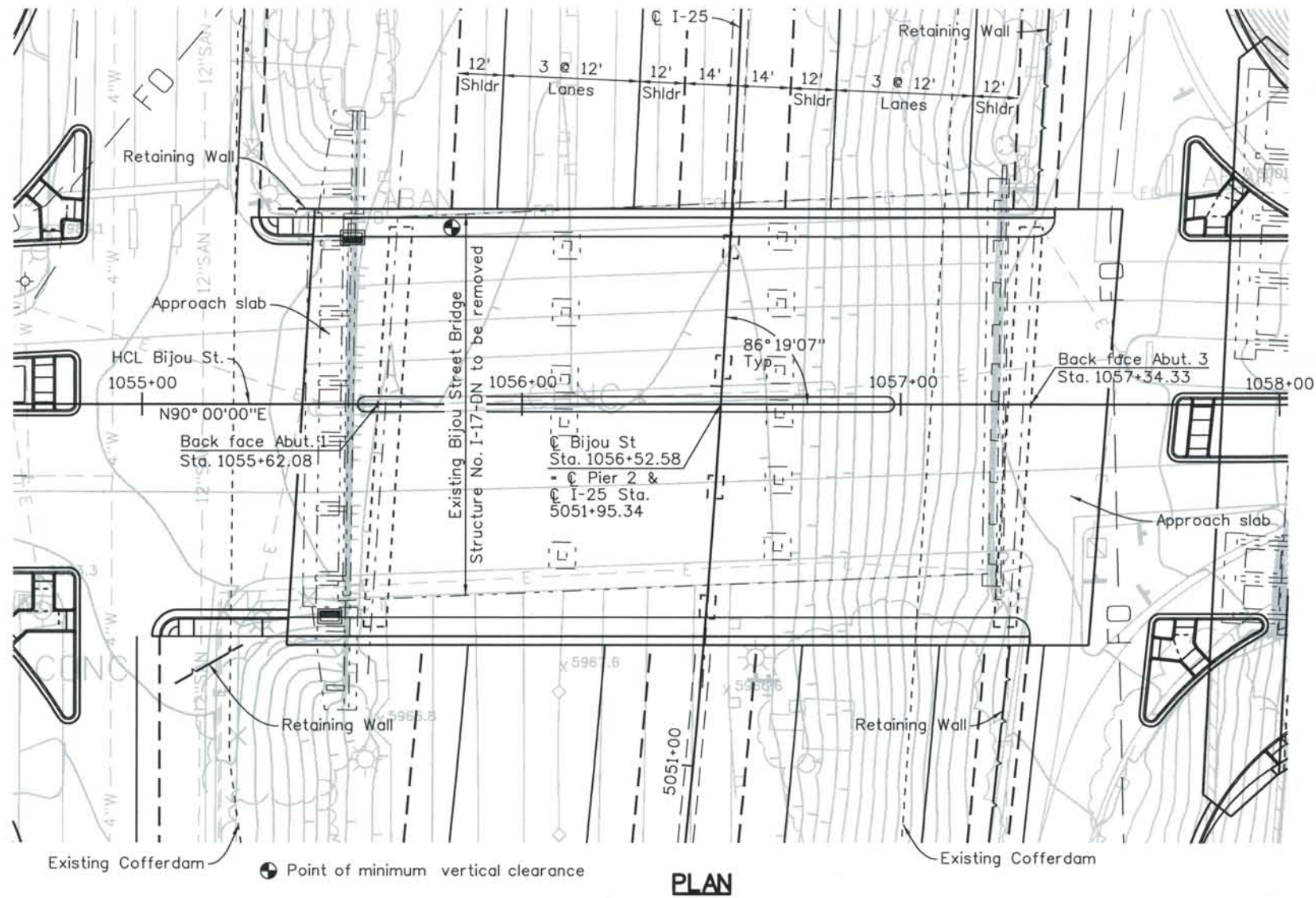
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
BIJOU STREET OVER I-25
GENERAL INFORMATION

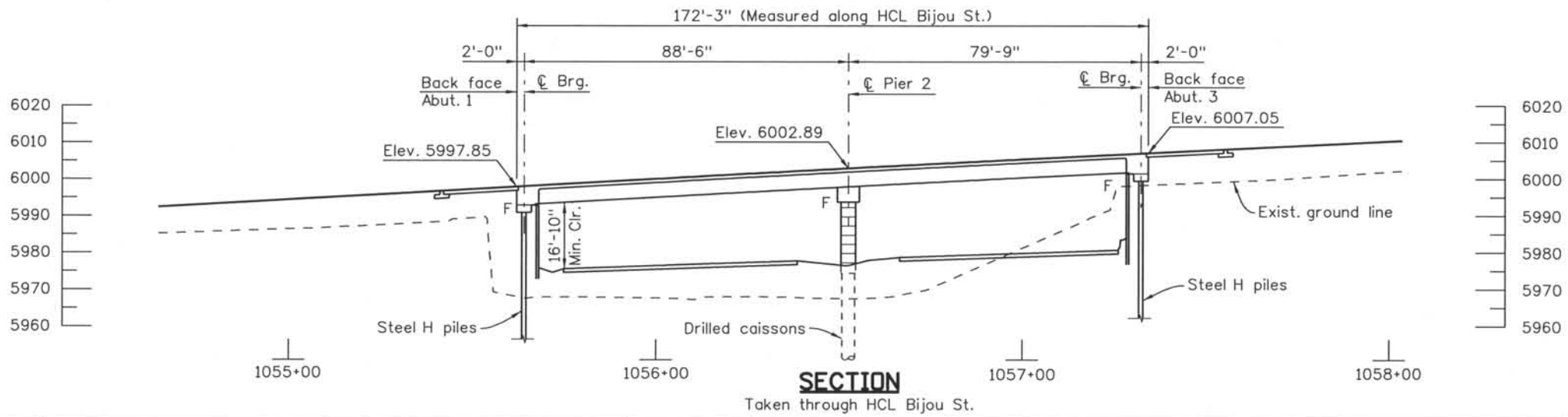
File Name	DS1-BROQ-GN01.DGN
Structure Number	I-17-0Q
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-0Q-B1
Structure Sheet No.	B1 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN



SECTION

Taken through HCL Bijou St.

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:46:36 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 40 at 11x17 Units: US Survey Foot

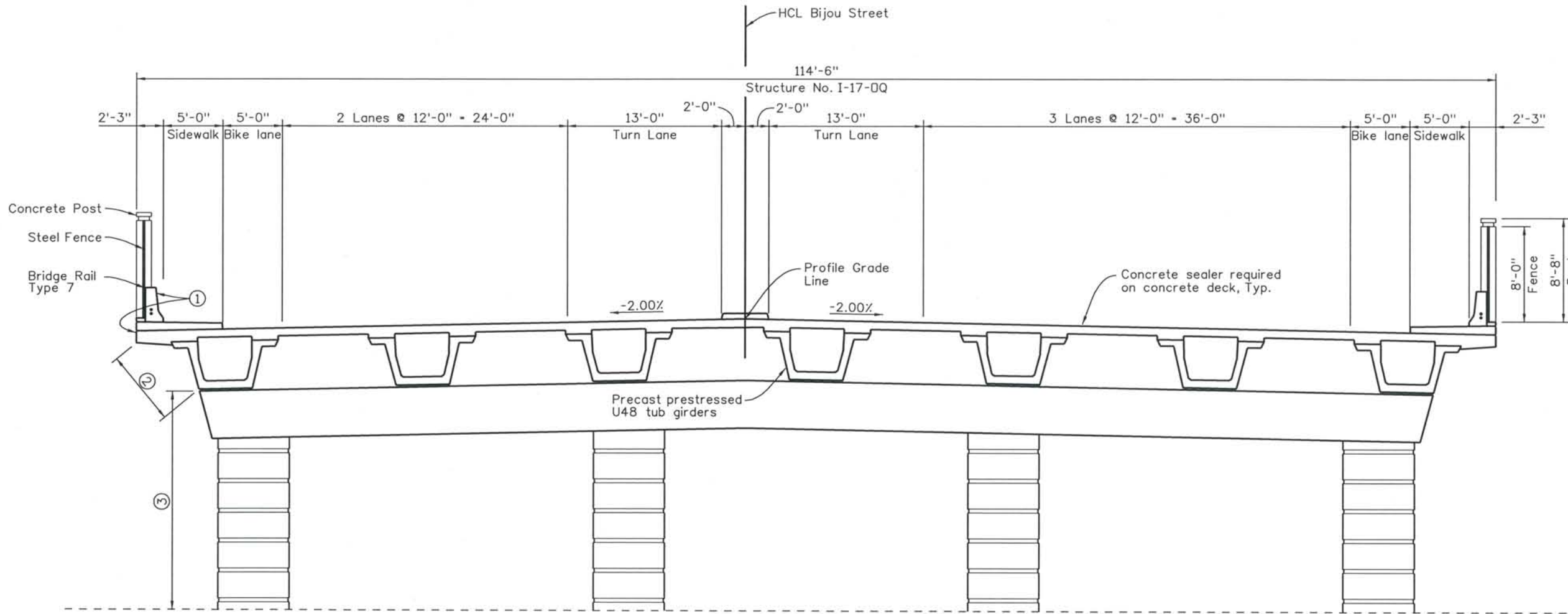
ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 GENERAL LAYOUT
 1 OF 2

File Name: DS1-BR00-GP01.DGN	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-0Q	Project Dwg. No.: DS1-0Q-B2
	Structure Sheet No.: B2 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

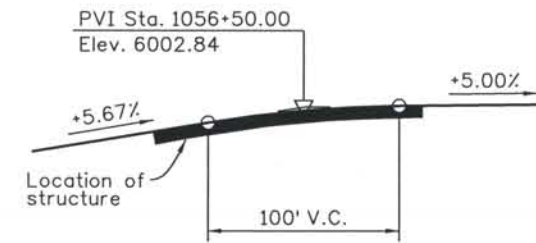
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



TYPICAL SECTION

LIMITS OF CONCRETE COATING

- ① Color shall be beige, equivalent to Federal standard 595B color No. 30313. Coating shall include exposed surface of Rail and outside face of deck.
- ② Color shall be beige, equivalent to Federal standard 595B color No. 30227. Coating shall include bottom soffit of overhangs and exterior face of exterior girders.
- ③ Color shall be beige, equivalent to Federal standard 595B color No. 30313. Coating shall include columns, pier cap, abutments and wingwalls



PROFILE GRADE

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:46:39 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 10 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge As-Built

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 GENERAL LAYOUT
 2 OF 2

File Name: DS1-BR00-GP02.DGN
 Structure Number: I-17-0Q

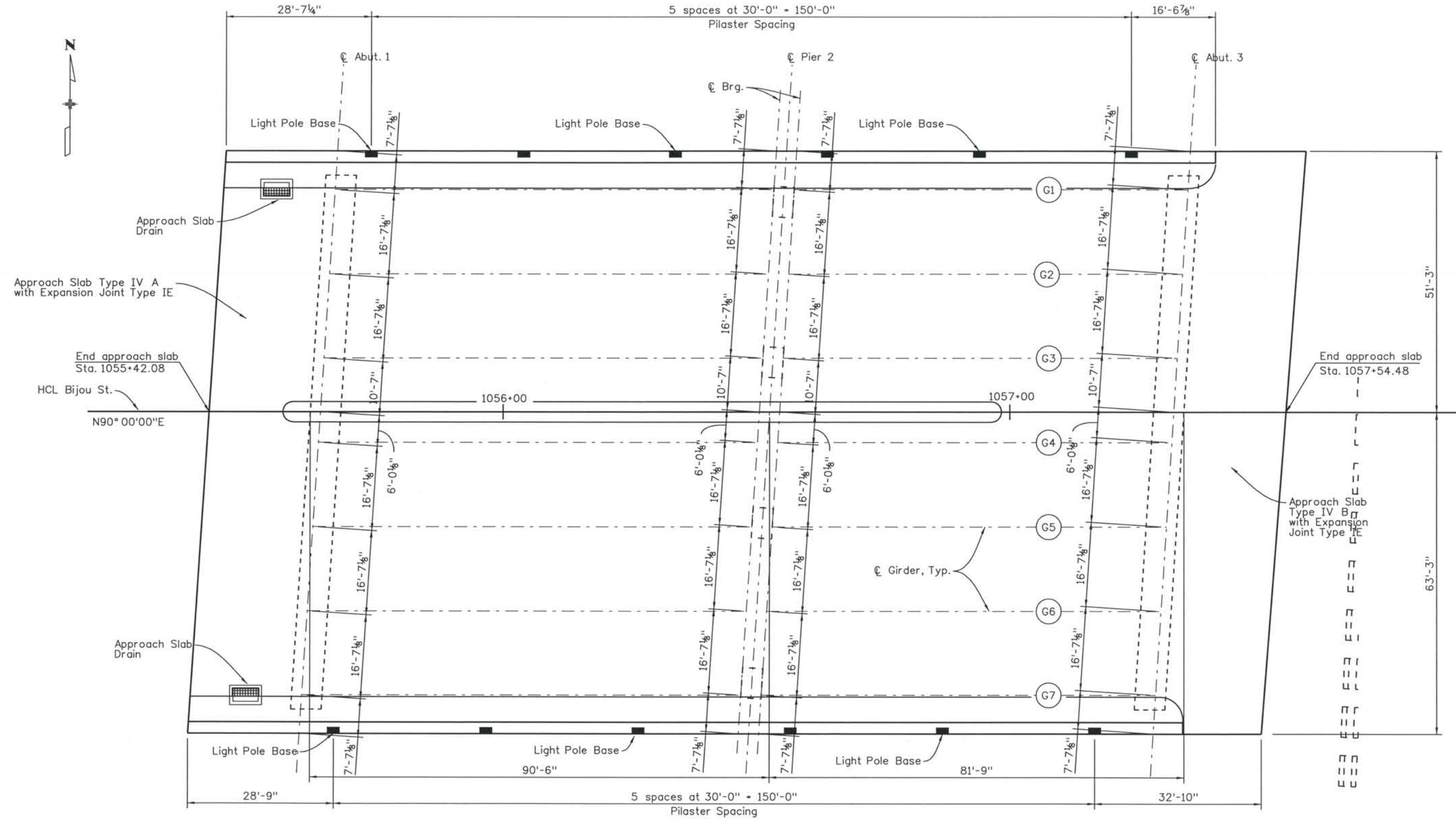
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B3
 Structure Sheet No.: B3 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:46:43 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: DScale
 Units: US Survey Foot



CONSTRUCTION LAYOUT

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

COSMIX
 COLORADO SPRINGS METRO
 INTERSTATE EXPANSION

ROCKRIMMON CONSTRUCTORS
 A SEMI-CORP. JOINT VENTURE

DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 CONSTRUCTION LAYOUT

File Name: DS1-BR00-CL01.DGN
 Structure Number: I-17-0Q

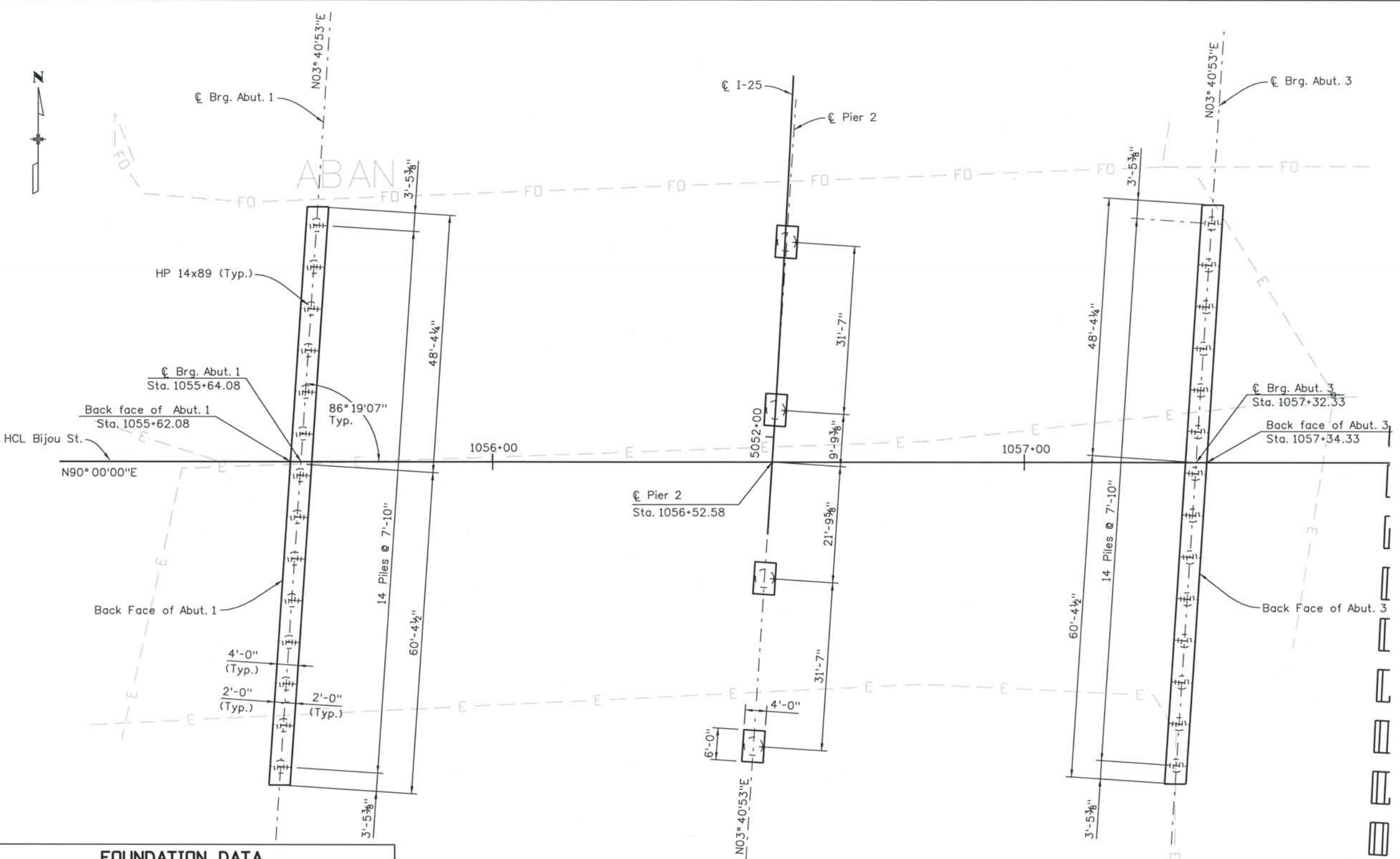
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B4
 Structure Sheet No.: B4 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:46:47 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: DScale
 Units: US Survey Foot



FOUNDATION DATA					
Location	Top of Caisson Elevation	Asbuilt Bedrock Elevation	Asbuilt Tip Elevation	Minimum Penetration into Bedrock	Ultimate Design Load (kips)
Abutment 1	--	5964	5954	10	360
Pier 2	5974	5962	5916	46	1865
Abutment 3	--	5966	5959	7	360

PLAN

NOTE:
For girder angles, see individual pier detail sheets.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1

BIJOU STREET OVER I-25

FOUNDATION LAYOUT

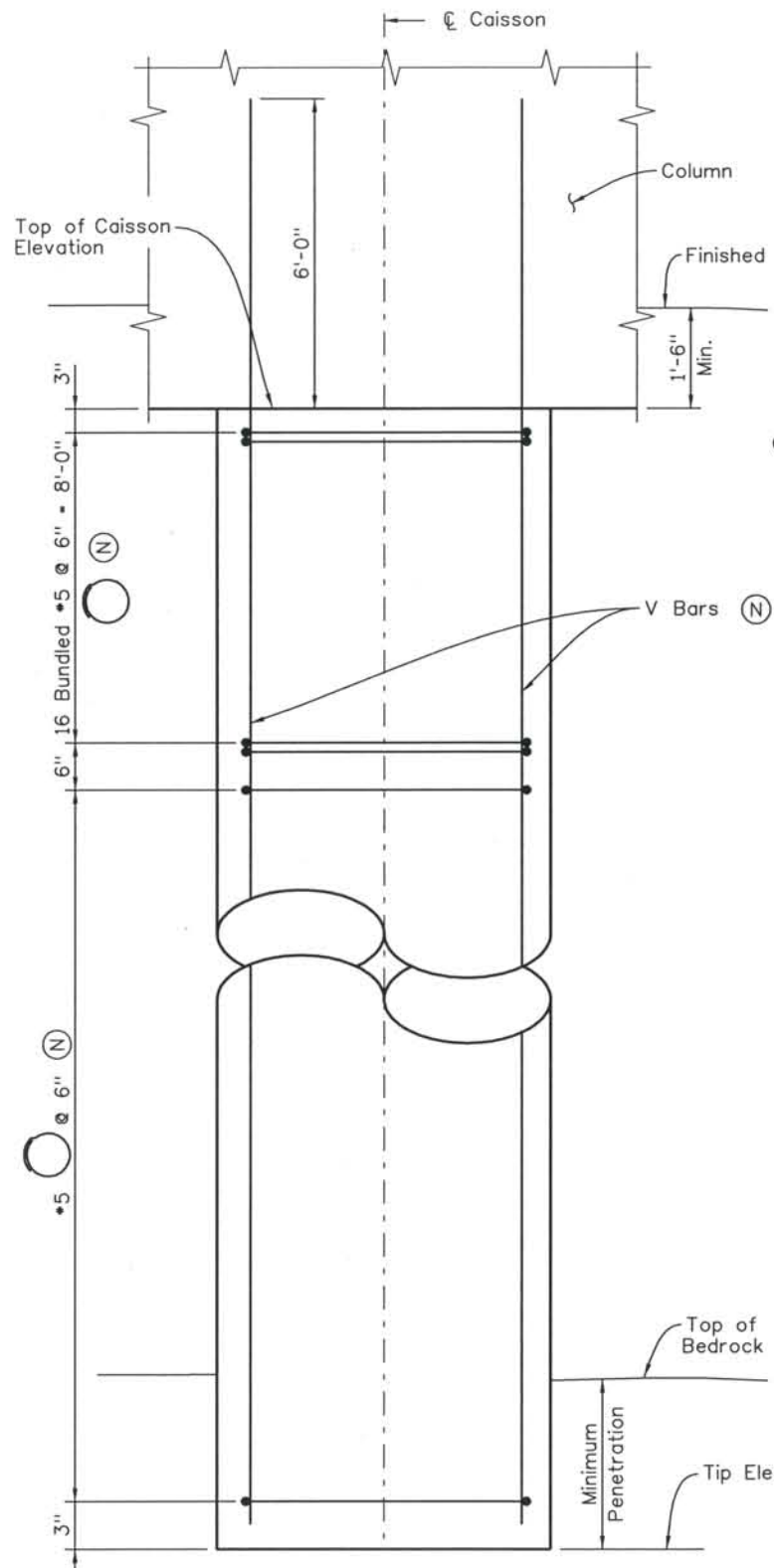
File Name: DS1-BRDQ-FD01.DGN
 Structure Number: I-17-DQ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-OQ-B5
 Structure Sheet No.: B5 of 23

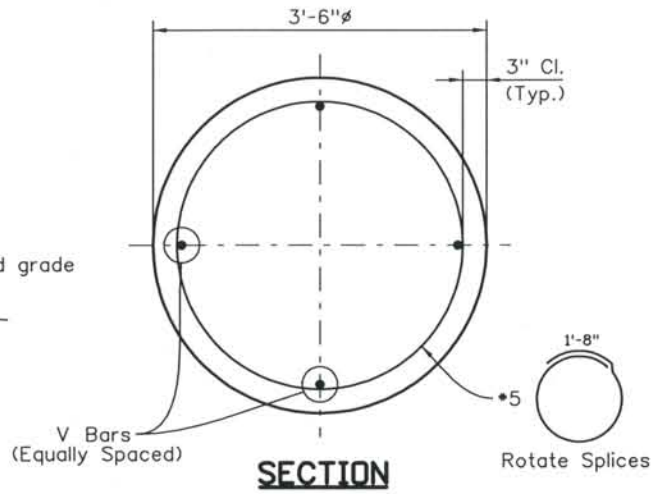
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:46:50 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot



ELEVATION - PIER



SECTION

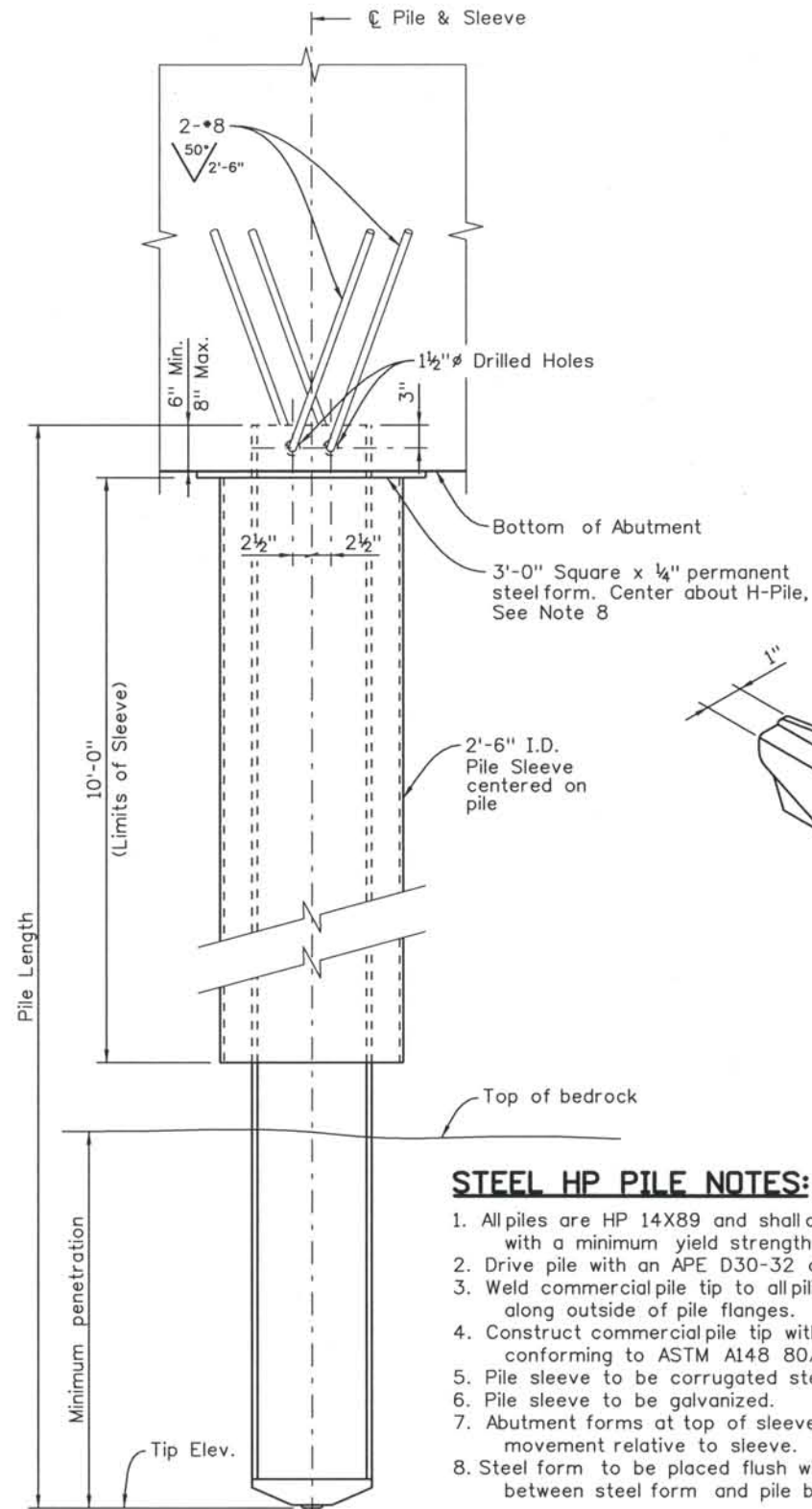
Location	V Bars (total)	V Bars (size)
Pier 2	14	#11

DRILLED CAISSON NOTES:

1. Caisson concrete shall be concrete Class BZ.
2. Use 6'-6" splice length for #11 bar and stagger all splices.
3. Caisson reinforcing is to extend full depth of drilled hole.
4. (N) - denotes non-epoxy coated reinf.

CAISSON DESIGN DATA

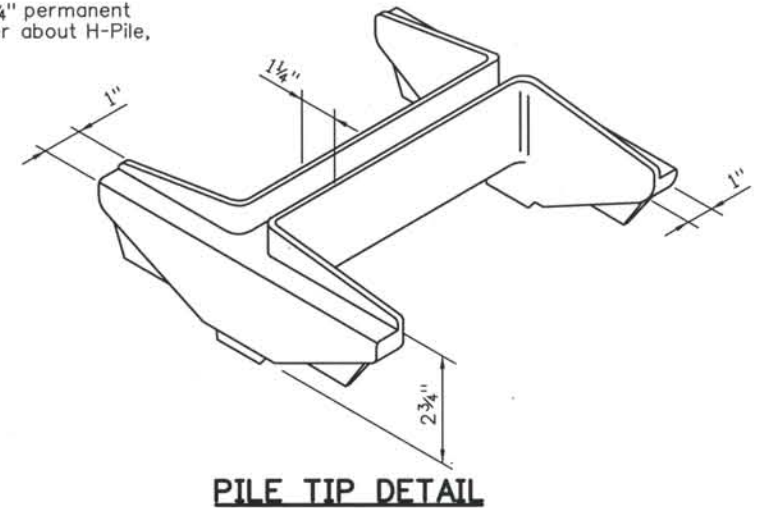
Ultimate end bearing 170 ksf $\phi = 0.5$
 Ultimate side shear 4.5 ksf $\phi = 0.65$



ELEVATION - ABUTMENT

STEEL HP PILE NOTES:

1. All piles are HP 14X89 and shall conform to AASHTO M270 with a minimum yield strength of 50 ksi.
2. Drive pile with an APE D30-32 diesel hammer.
3. Weld commercial pile tip to all piling with a 5/16" single groove weld along outside of pile flanges.
4. Construct commercial pile tip with one-piece of cast steel conforming to ASTM A148 80/50 - Heat Treated (Min.).
5. Pile sleeve to be corrugated steel pipe.
6. Pile sleeve to be galvanized.
7. Abutment forms at top of sleeve not to restrict pile movement relative to sleeve.
8. Steel form to be placed flush with top of sleeve. Seal space between steel form and pile before placing concrete.



PILE TIP DETAIL

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



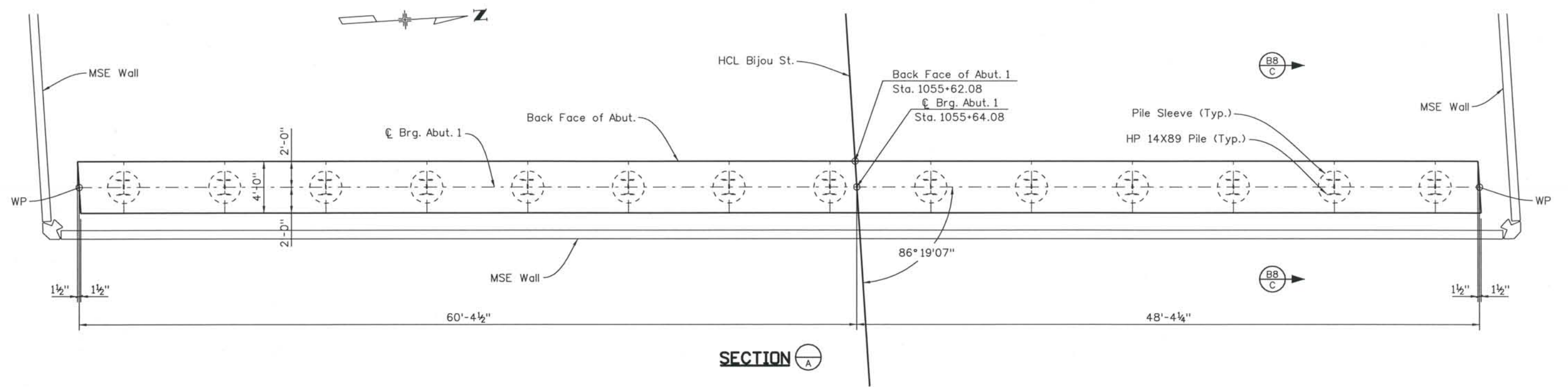
DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 CAISSON AND DRIVEN PILE DETAILS

File Name DS1-BR00-PD01.DGN
 Structure Number I-17-0Q

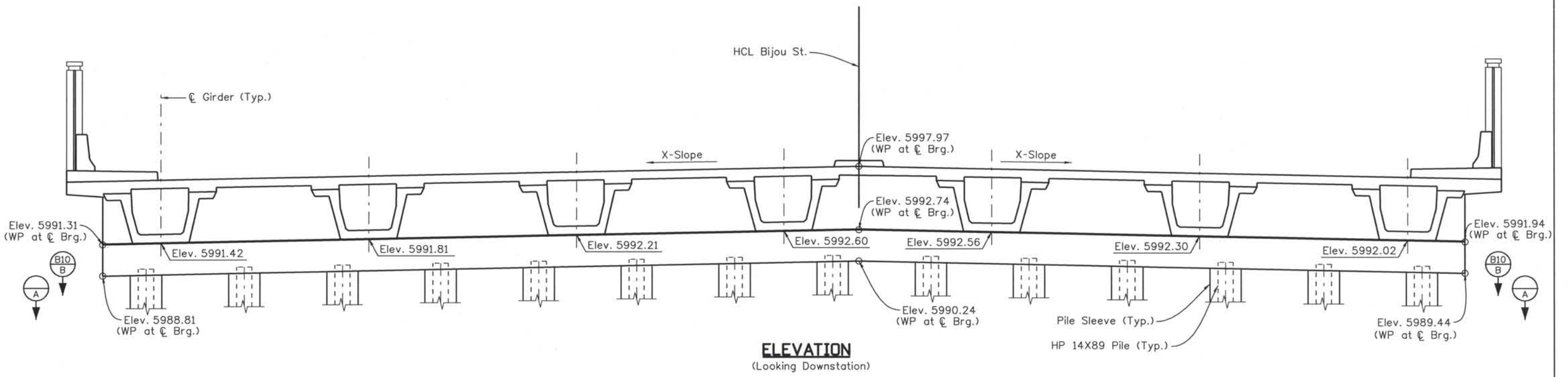
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-0Q-B6
 Structure Sheet No. B6 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



SECTION A



ELEVATION
(Looking Downstation)

- NOTES:**
1. Elevations given at top of abutment at ϕ bearing.
 2. For grout pad details, see Grout Pad Details, sheet no. B18.
 3. For pile size and spacing, see Foundation Layout, sheet no. B5.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:46:53 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4 at 11x17 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge

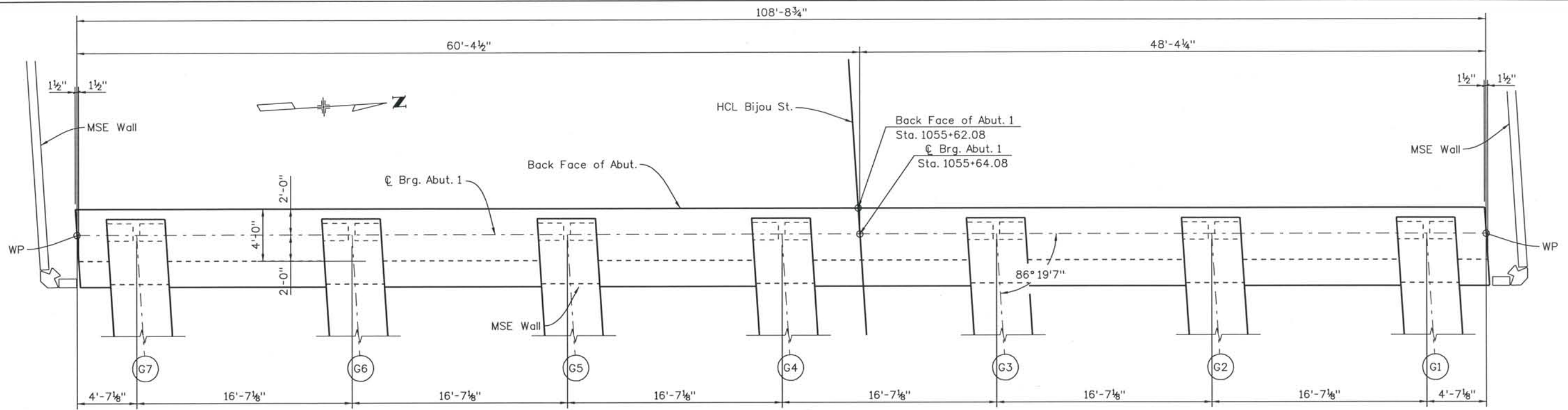
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
BIJOU STREET OVER I-25
ABUTMENT 1 DIMENSIONS
 1 OF 2

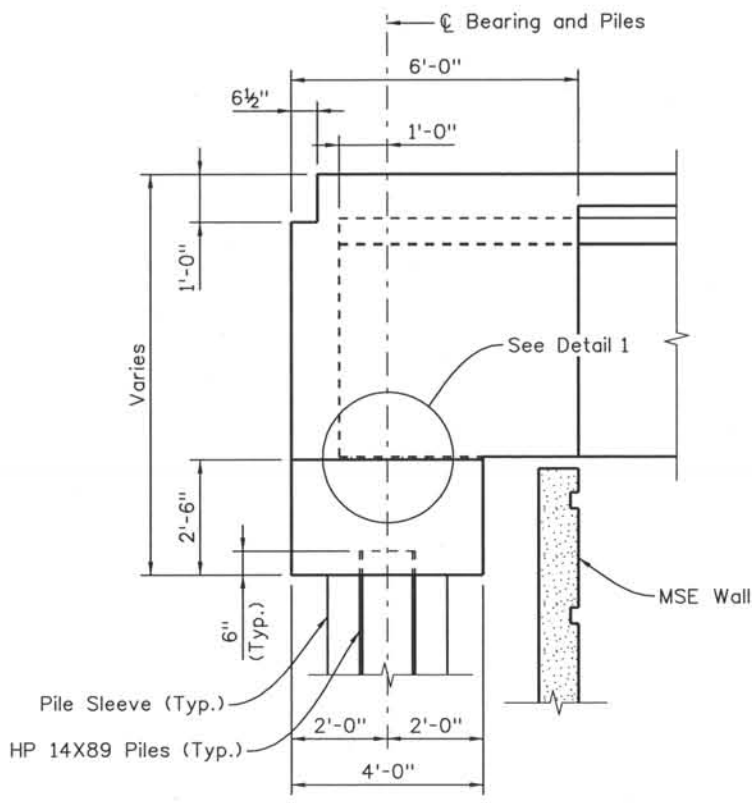
File Name	DS1-BR00-AB101.dgn
Structure Number	I-17-0Q
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-0Q-B7
Structure Sheet No.	B7 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

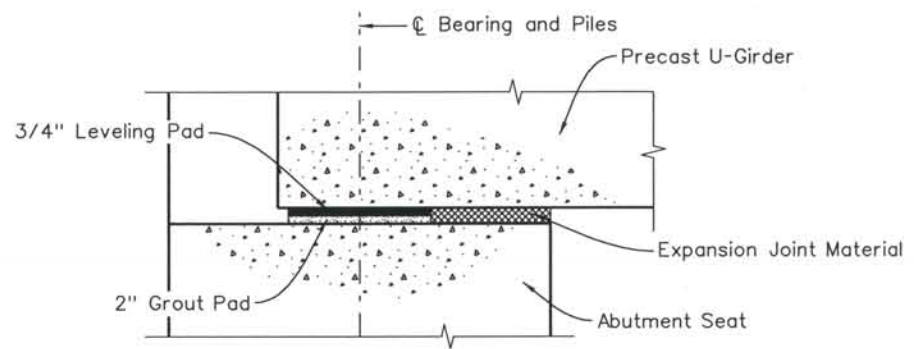
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



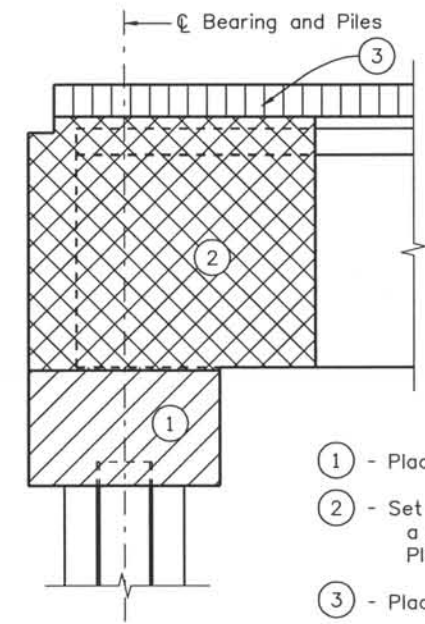
SECTION B7/B



SECTION B9/C



DETAIL 1



CONCRETE PLACEMENT SCHEMATIC

- NOTES:**
1. For grout pad details, see Grout Pad Details, sheet no. B18.
 2. For pile size and spacing, see Foundation Layout, sheet no. B5.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:46:56 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4" at 11x17 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

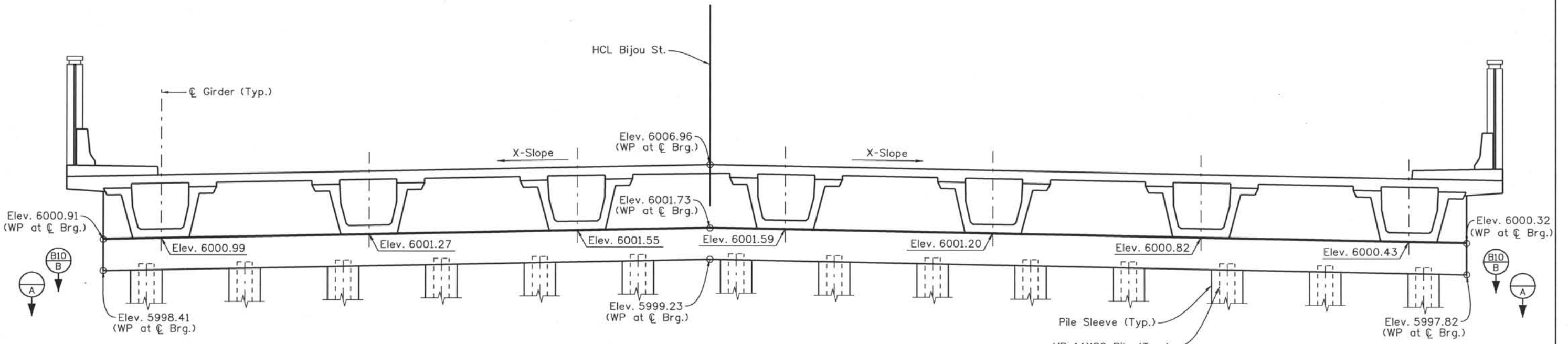
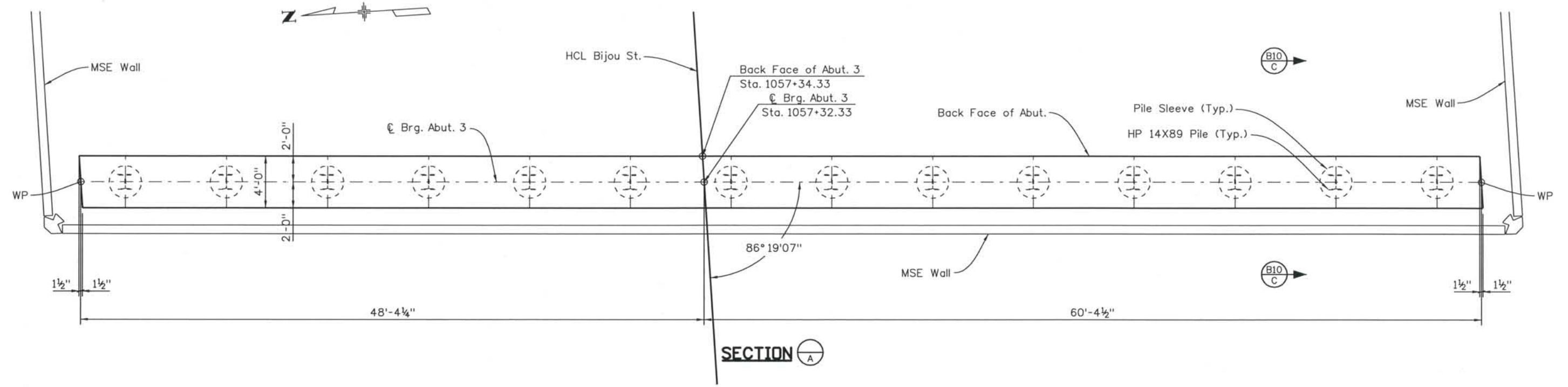


DESIGN SEGMENT 1
BIJOU STREET OVER I-25
ABUTMENT 1 DIMENSIONS
2 OF 2

File Name: DS1-BRDQ-AB102.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: I-17-0Q	Project Dwg. No.: DS1-DQ-B8
	Structure Sheet No.: B8 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ELEVATION
(Looking Upstation)

- NOTES:**
1. Elevations given at top of abutment at ϕ bearing.
 2. For grout pad details, see Grout Pad Details, sheet no. B18.
 3. For pile size and spacing, see Foundation Layout, sheet no. B5.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:46:59 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/4 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER I-25
ABUTMENT 3 DIMENSIONS
 1 OF 2

File Name: DS1-BR0Q-AB201.dgn
 Structure Number: I-17-0Q

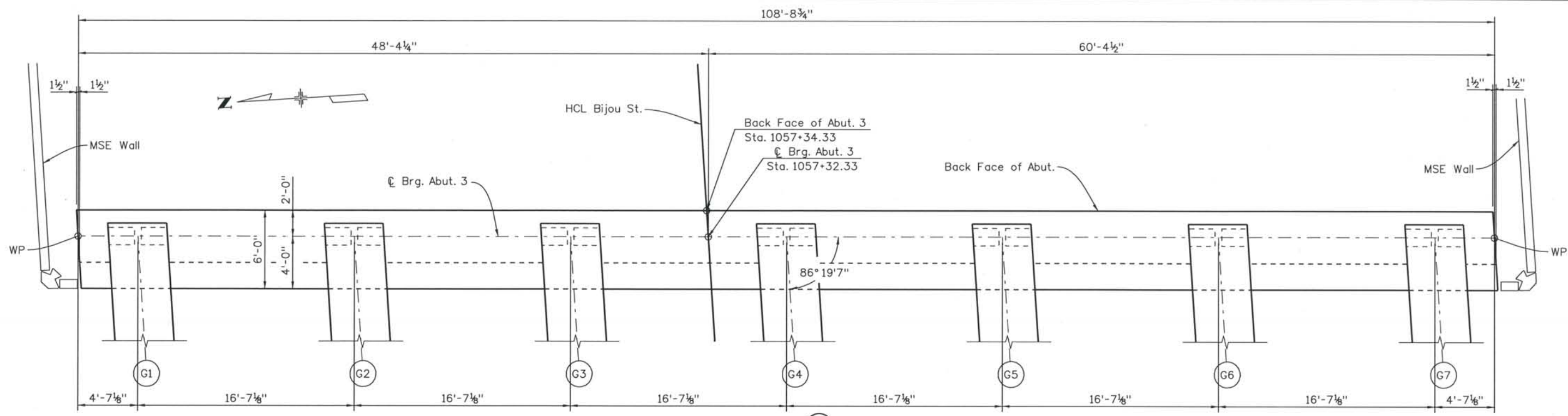
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B9
 Structure Sheet No.: B9 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

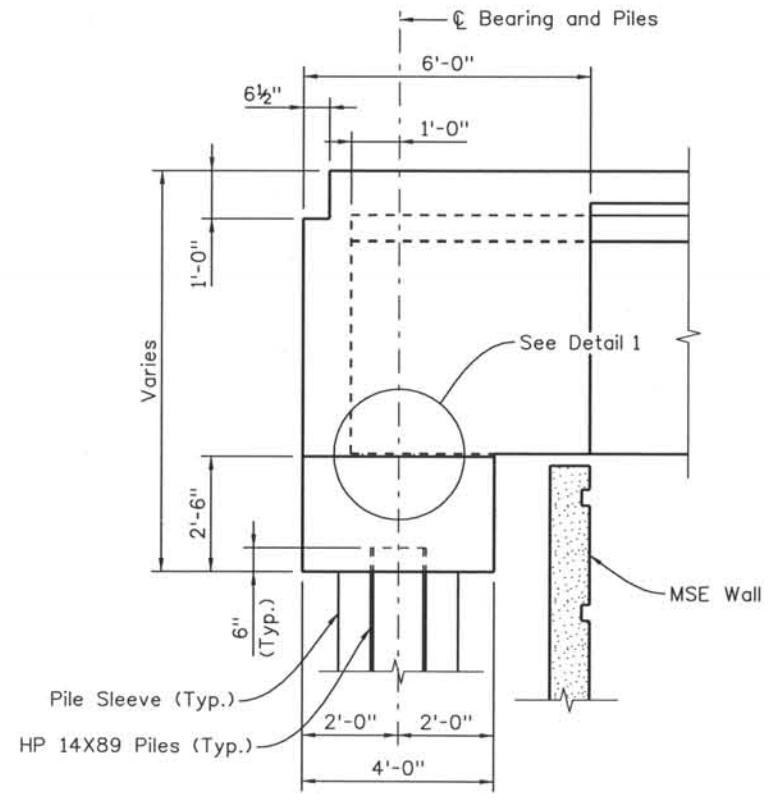
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:01 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

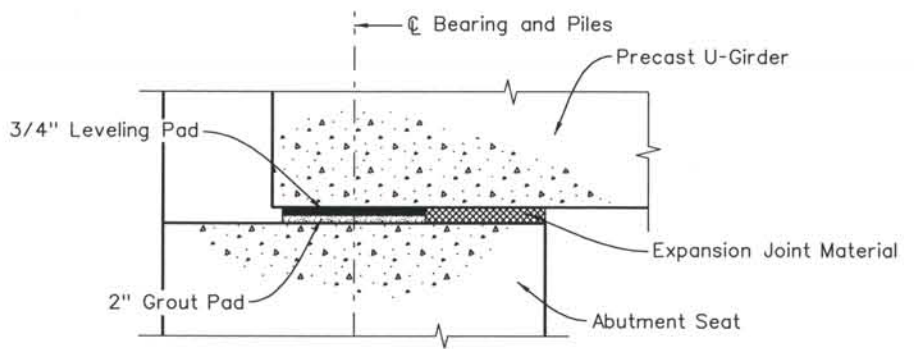
As-Built
 327504.DS1 Bridge
 Scale: DScale
 Units: US Survey Foot



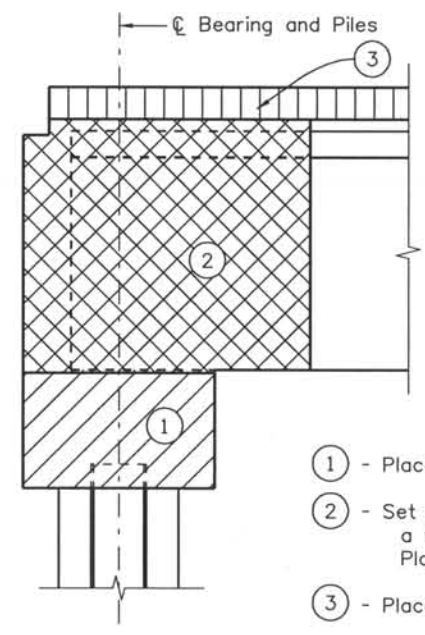
SECTION B9 B



SECTION B9 C



DETAIL 1



- ① - Place concrete pile cap.
- ② - Set girders after concrete in pile caps reaches a minimum compressive strength of 4,000 psi. Place concrete diaphragm to top of girder.
- ③ - Place deck.

CONCRETE PLACEMENT SCHEMATIC

- NOTES:**
- For grout pad details, see Grout Pad Details, sheet no. B18.
 - For pile size and spacing, see Foundation Layout, sheet no. B5.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



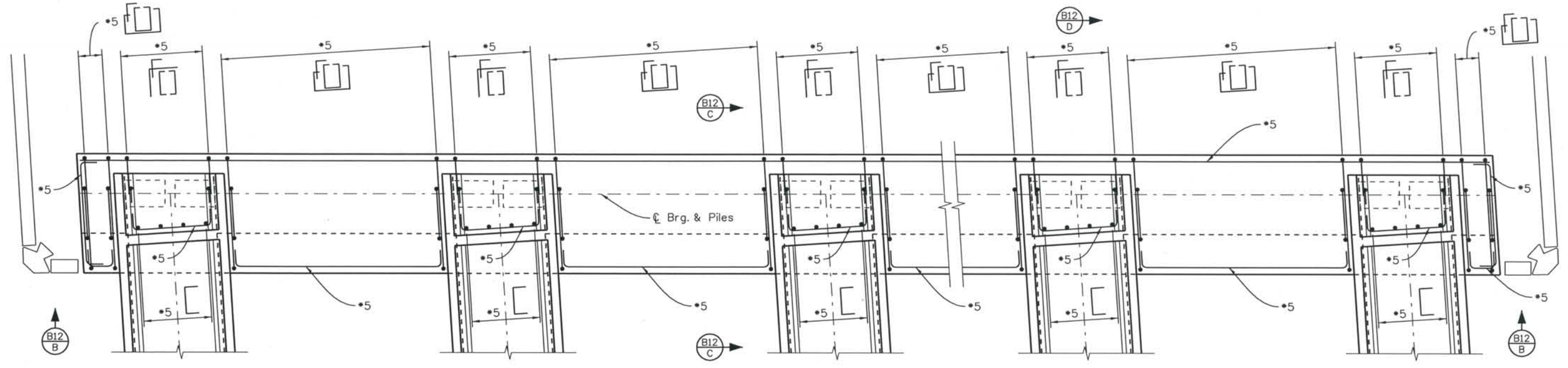
DESIGN SEGMENT 1
BIJOU STREET OVER I-25
ABUTMENT 3 DIMENSIONS
2 OF 2

File Name: DSI-BROQ-AB202.dgn
 Structure Number: I-17-0Q

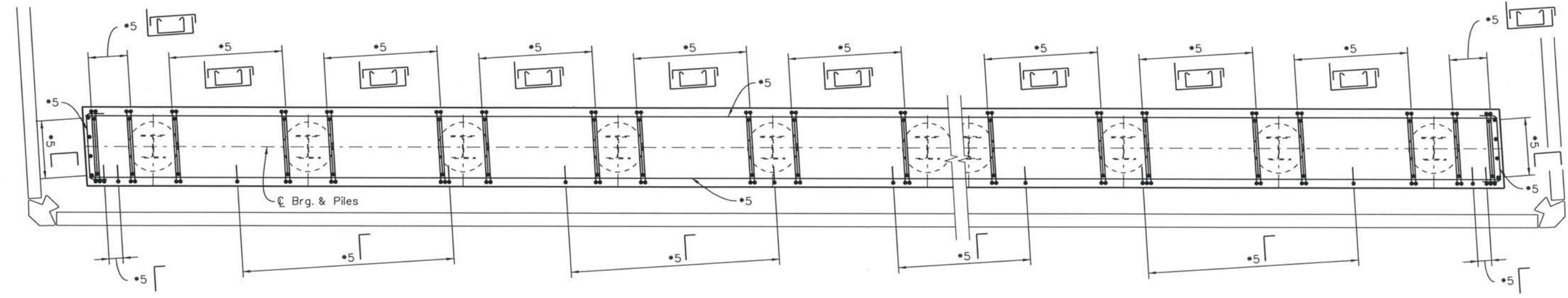
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-OQ-B10
 Structure Sheet No.: B10 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN



SECTION B12 A

NOTES:

1. Concrete cover shall be 2" unless noted otherwise.
2. Abutment 1 shown, Abutment 3 is similar.

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:47:05 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/16 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



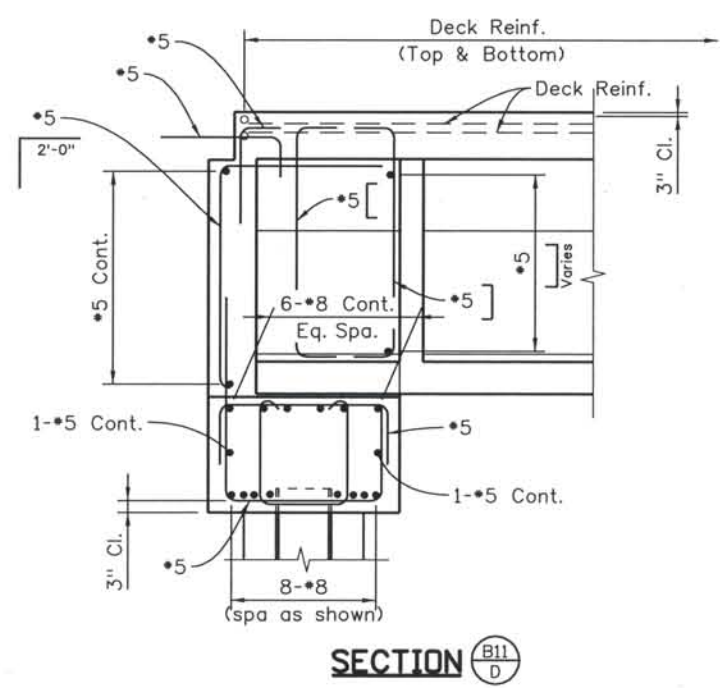
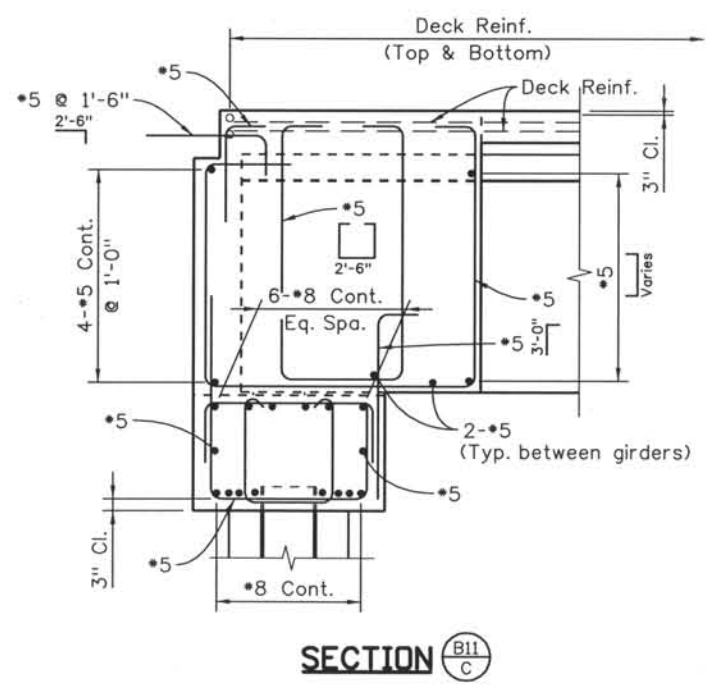
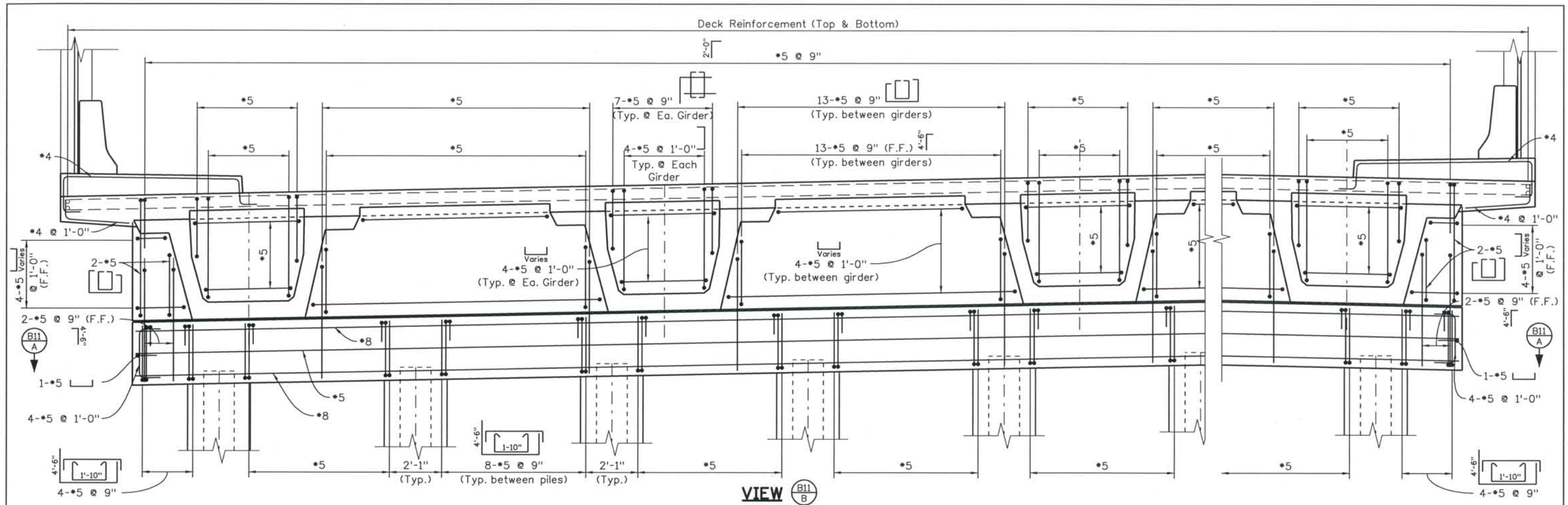
DESIGN SEGMENT 1
BIJOU STREET OVER I-25
ABUTMENT REINFORCING
 1 OF 2

File Name DSI-BR00-AB105.dgn
 Structure Number
 I-17-0Q

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DSI-0Q-B11
 Structure Sheet No. B11 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



- NOTES:
1. Concrete cover shall be 2" unless noted otherwise.
 2. Abutment 1 shown, abutment 3 is similar.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:08 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/4" = 1'-0" at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



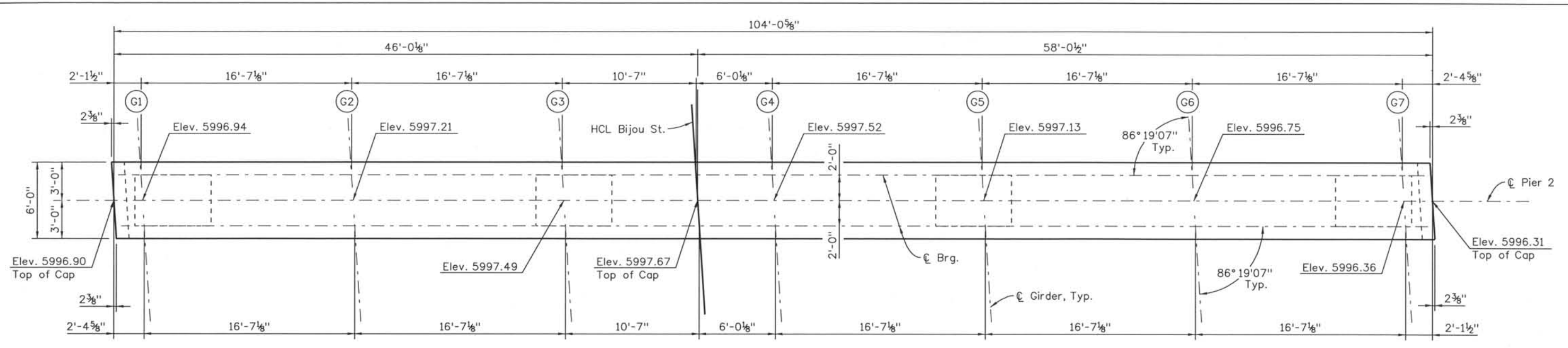
DESIGN SEGMENT 1
BIJOU STREET OVER I-25
ABUTMENT REINFORCING
 2 OF 2

File Name: DS1-BR00-AB106.dgn
 Structure Number: I-17-0Q

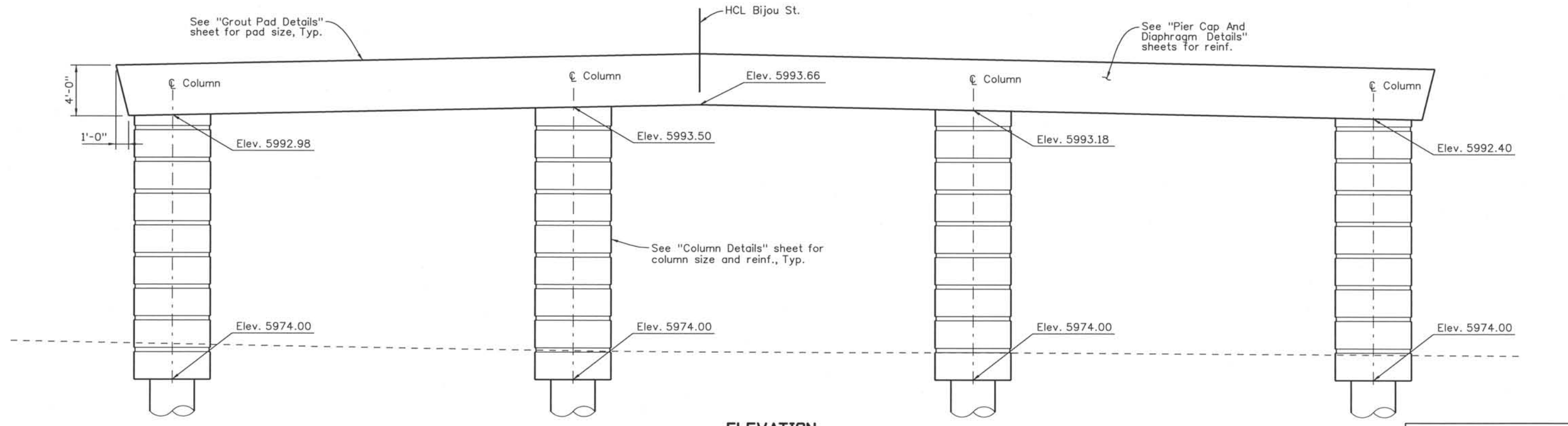
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B12
 Structure Sheet No.: B12 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN



ELEVATION

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:47:11 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER I-25
PIER 2 DIMENSIONS

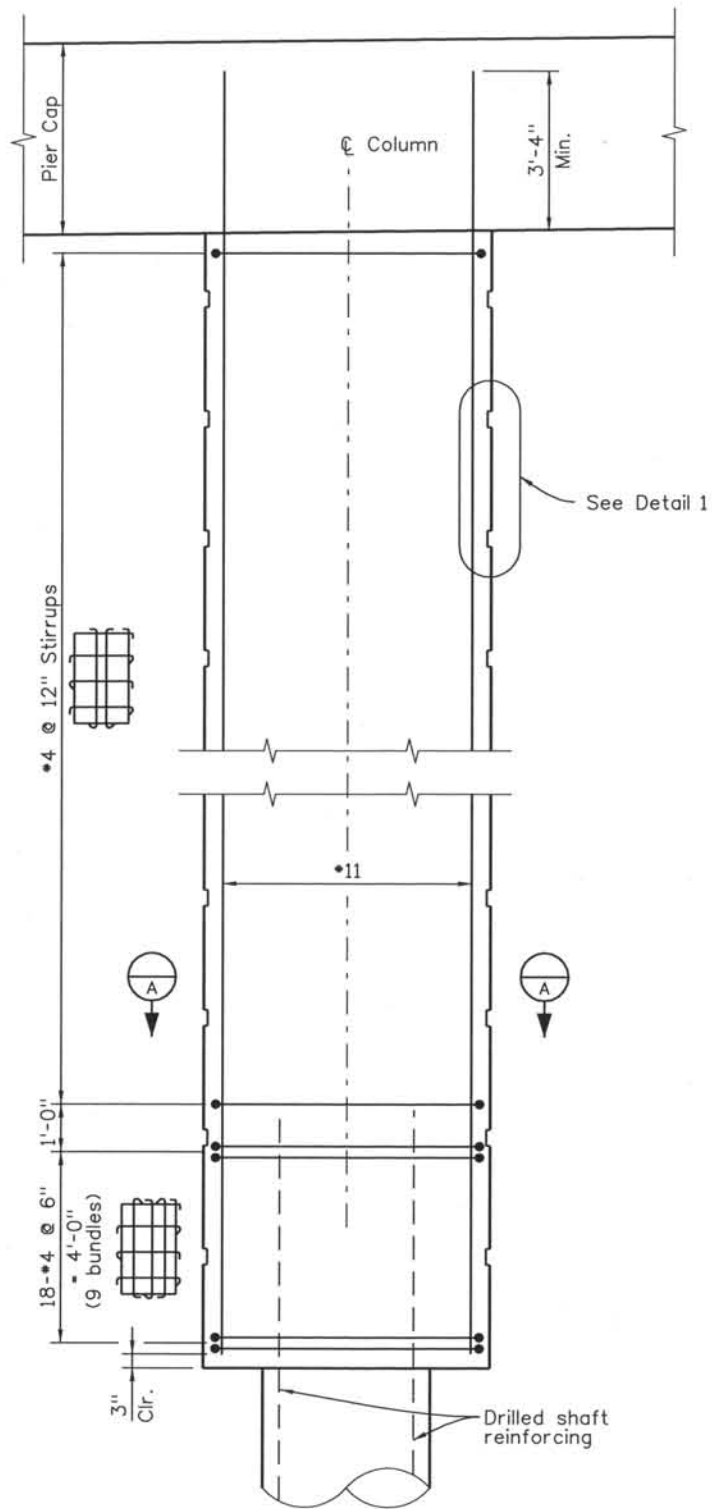
File Name: DS1-BR00-PR201.DGN
 Structure Number: I-17-0Q

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B13
 Structure Sheet No.: B13 of 23

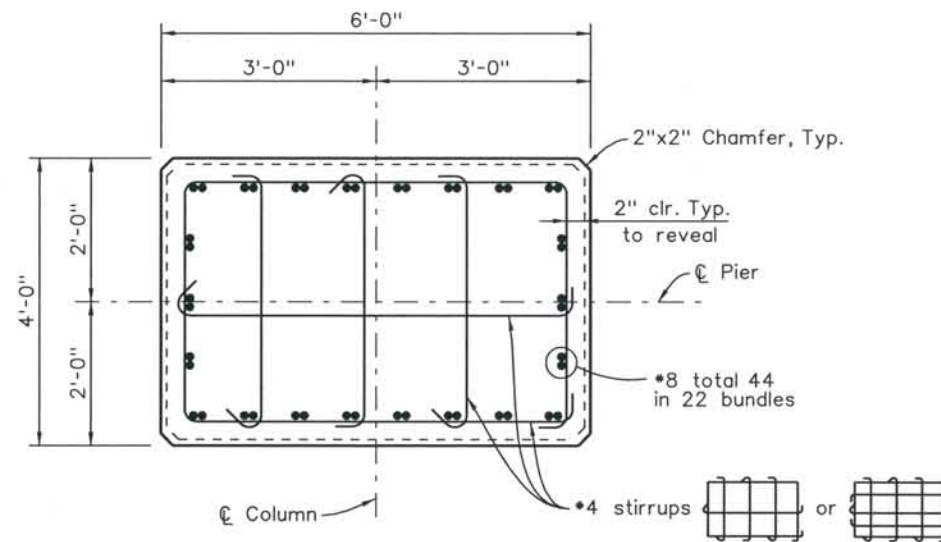
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

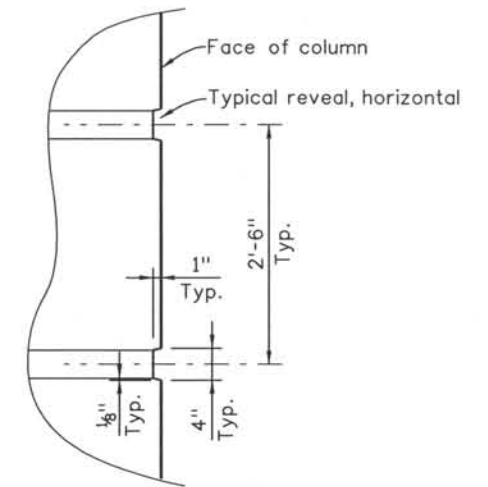
Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:15 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4" at 11x17 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge



SECTION THROUGH COLUMN



SECTION A-A



DETAIL 1
 Typical Architectural pattern all around column

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	60% DESIGN SUBMITTAL	02/22/06
B	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



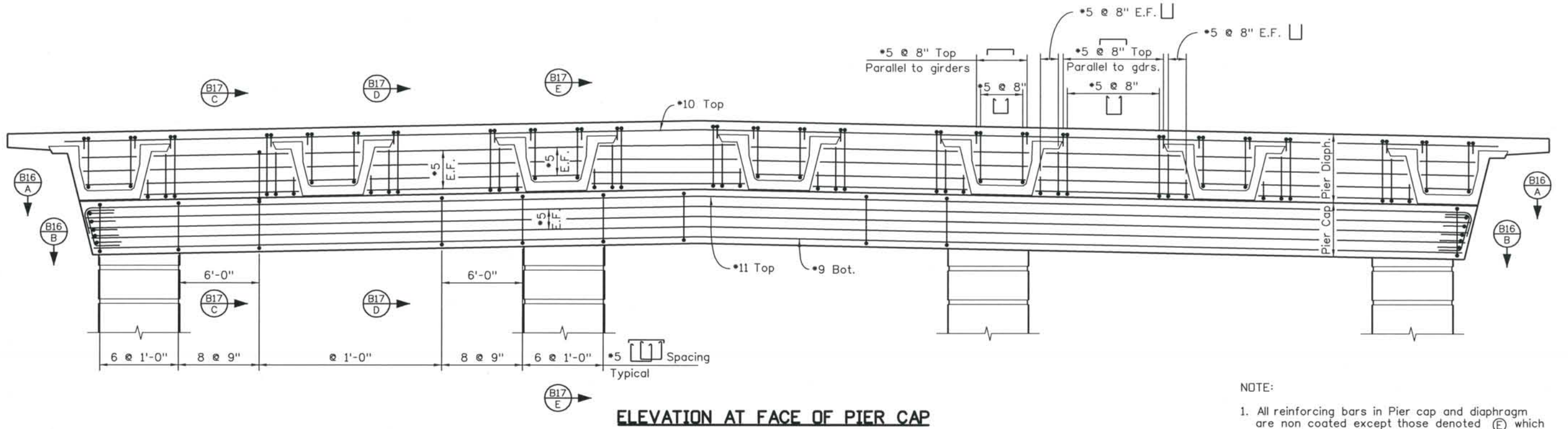
DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 COLUMN DETAILS

File Name: DS1-BR00-PRO1.DGN
 Structure Number: I-17-0Q

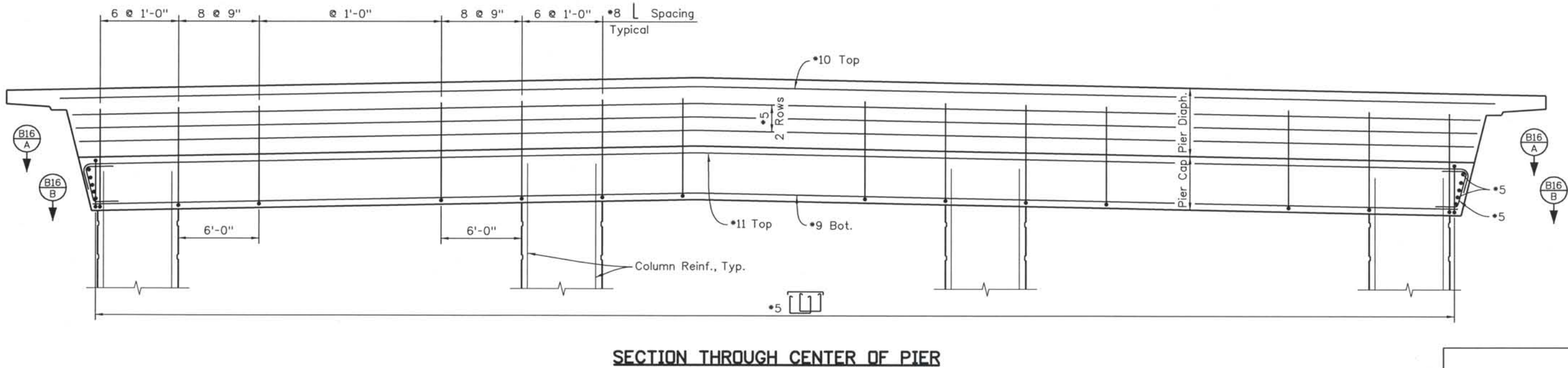
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B14
 Structure Sheet No.: B14 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



- NOTE:
1. All reinforcing bars in Pier cap and diaphragm are non coated except those denoted (E) which are epoxy coated.
 2. All bar splices to be staggered.
 3. Splice bottom bars over columns, splice top bars near midspan between columns, stagger splices.



SECTION THROUGH CENTER OF PIER

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:18 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



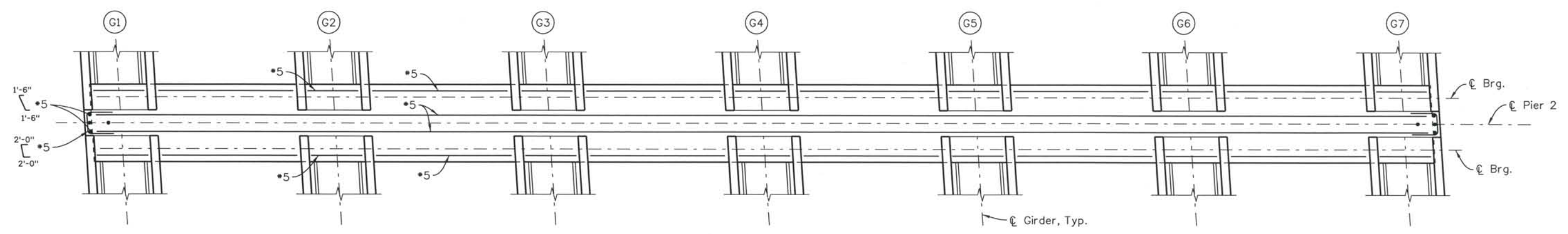
DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 PIER CAP AND DIAPHRAGM DETAILS
 1 OF 3

File Name: DS1-BR0Q-PR02.DGN
 Structure Number: I-17-0Q

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B15
 Structure Sheet No.: B15 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

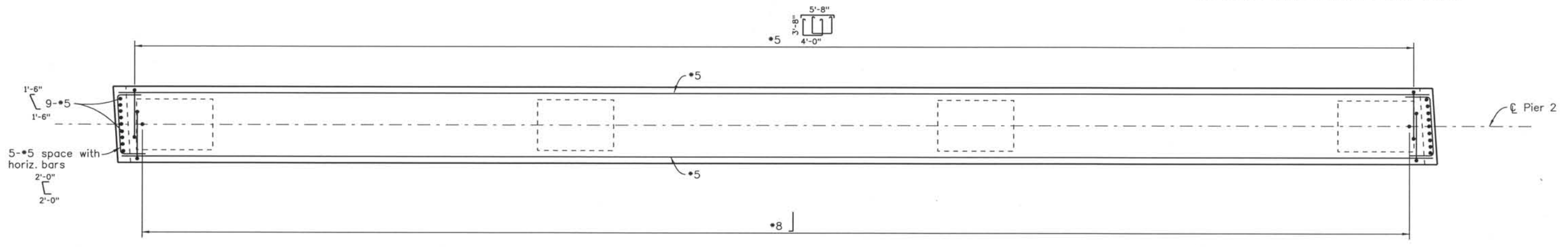
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION B15 A

NOTES:

1. All reinforcing bars in Pier cap and diaphragm are non coated except those denoted (E) which are epoxy coated.
2. All bar splices to be staggered.
3. Splice bottom bars over columns, splice top bars near midspan between columns, stagger splices.



SECTION B15 B

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:21 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/8 at 11x17 Units: US Survey Foot

327504.DS1 Bridge
 As-Built
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



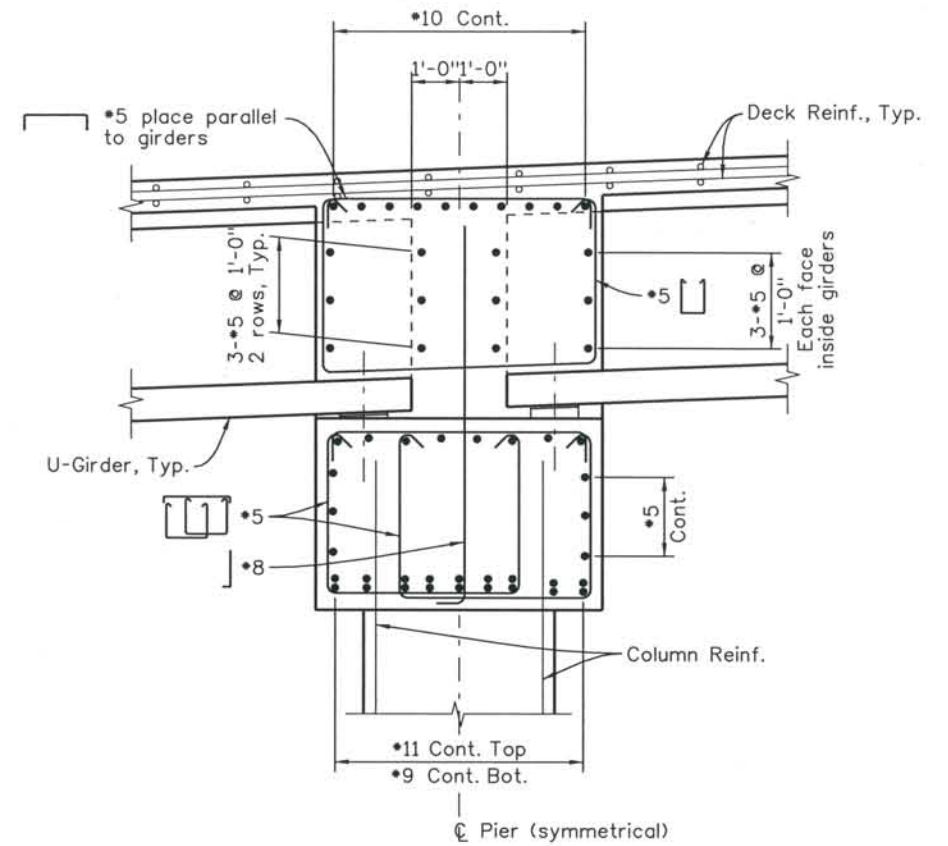
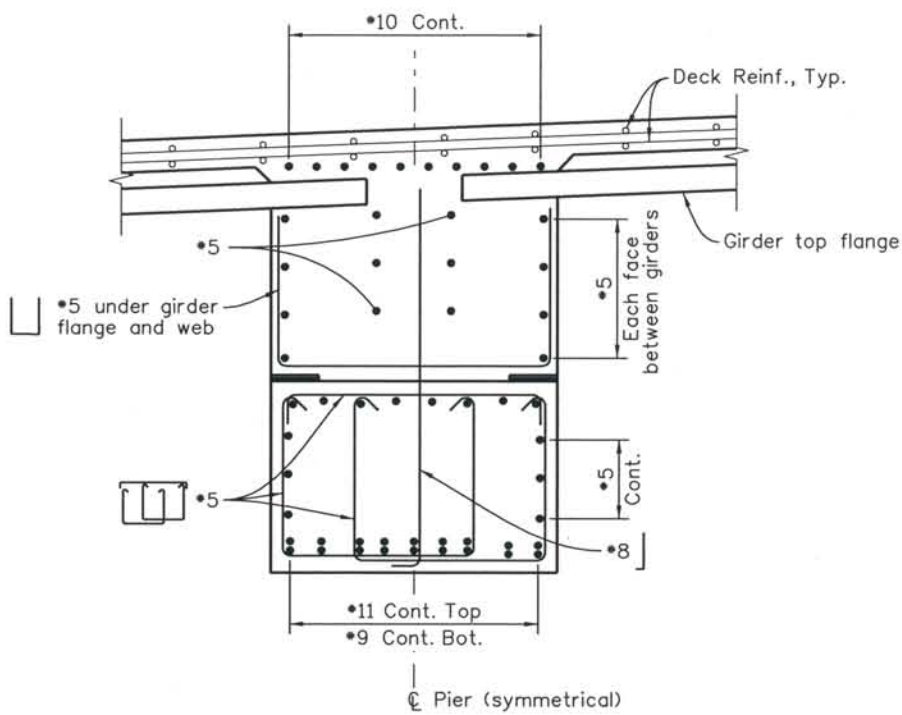
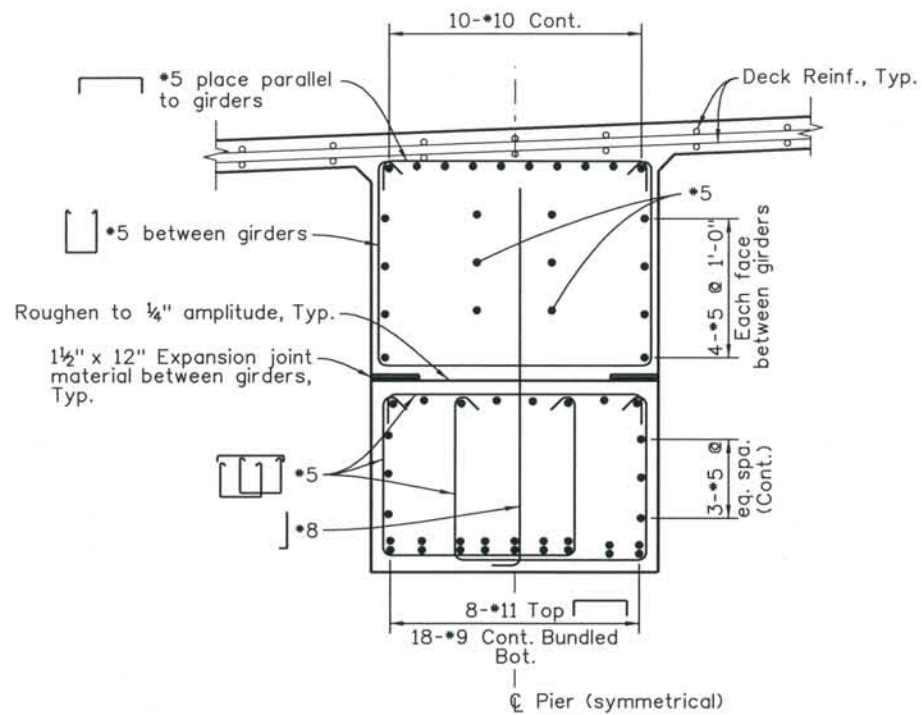
DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 PIER CAP AND DIAPHRAGM DETAILS
 2 OF 3

File Name DS1-BR0Q-PRO3.DGN
 Structure Number I-17-0Q

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-0Q-B16
 Structure Sheet No. B16 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



NOTE:

- All reinforcing bars in Pier cap and diaphragm are non coated except those denoted (E) which are epoxy coated.
- Pier cap to achieve a minimum concrete strength of 4000 psi before placing girders.

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:47:23 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/4 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



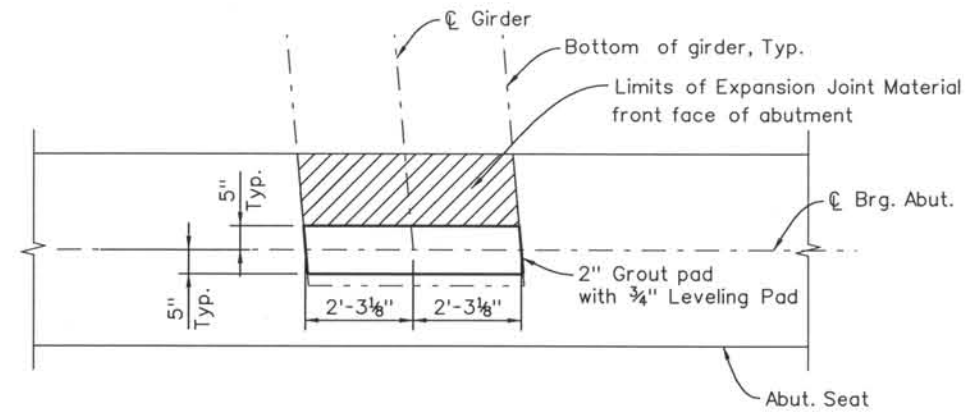
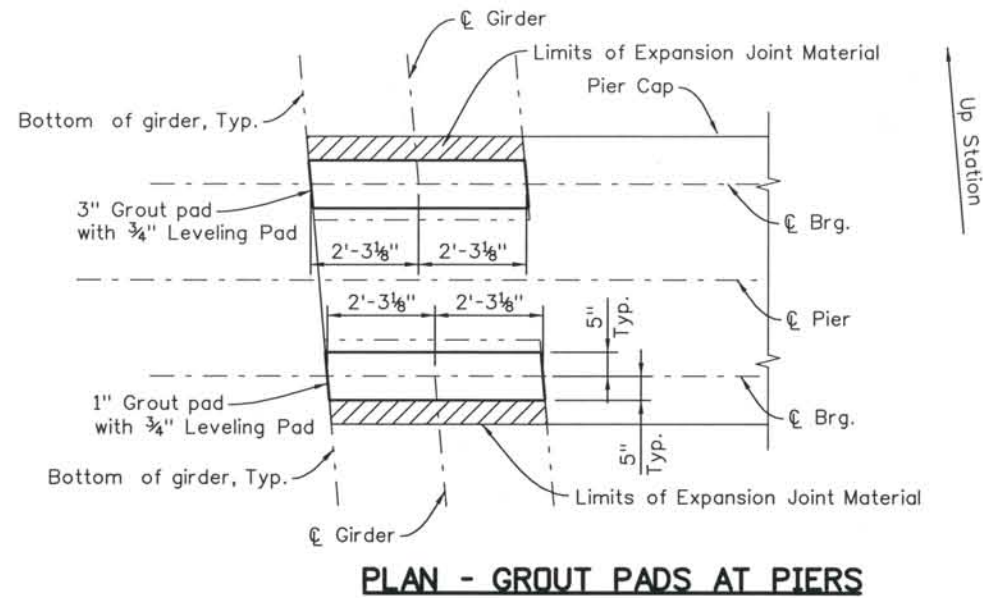
DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 PIER CAP AND DIAPHRAGM DETAILS
 3 OF 3

File Name: DS1-BR00-PR04.DGN
 Structure Number: I-17-0Q

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-B17
 Structure Sheet No.: B17 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN - GROUT PADS AT ABUTMENTS

NOTES:

1. Concrete for grout pads shall have $\frac{1}{4}$ " maximum aggregate size and shall have a minimum compressive strength of 4500 psi. Grout pad concrete shall reach a minimum compressive strength of 3000 psi before erection of girders.
2. The leveling pad thickness shall be adjusted during erection by increments of $\frac{1}{8}$ " until the girder rests evenly on all four pads.
3. The neoprene thickness shall be at least $\frac{3}{4}$ " and no more than $1\frac{1}{2}$ ". Multiple layers of various thickness may be used in addition to the initial $\frac{3}{4}$ " leveling pad.

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:47:26 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Units: US Survey Foot
 Scale: No Scale

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

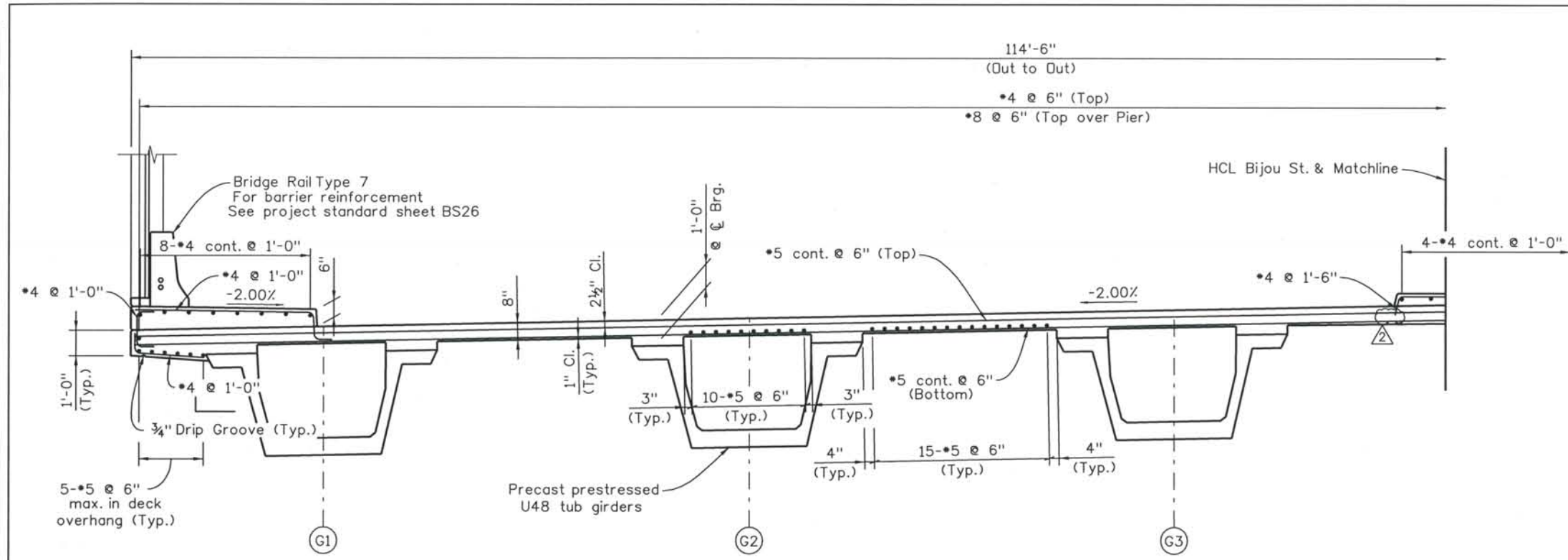


DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 GROUT PAD DETAILS

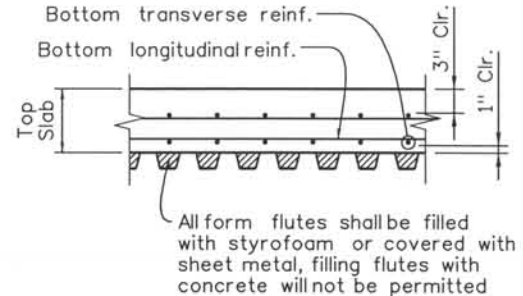
File Name: DS1-BRDQ-BP01.dgn
 Structure Number:
 I-17-OQ

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-OQ-B18
 Structure Sheet No. B18 of 23

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



TYPICAL DECK SECTION
(Looking Upstation)

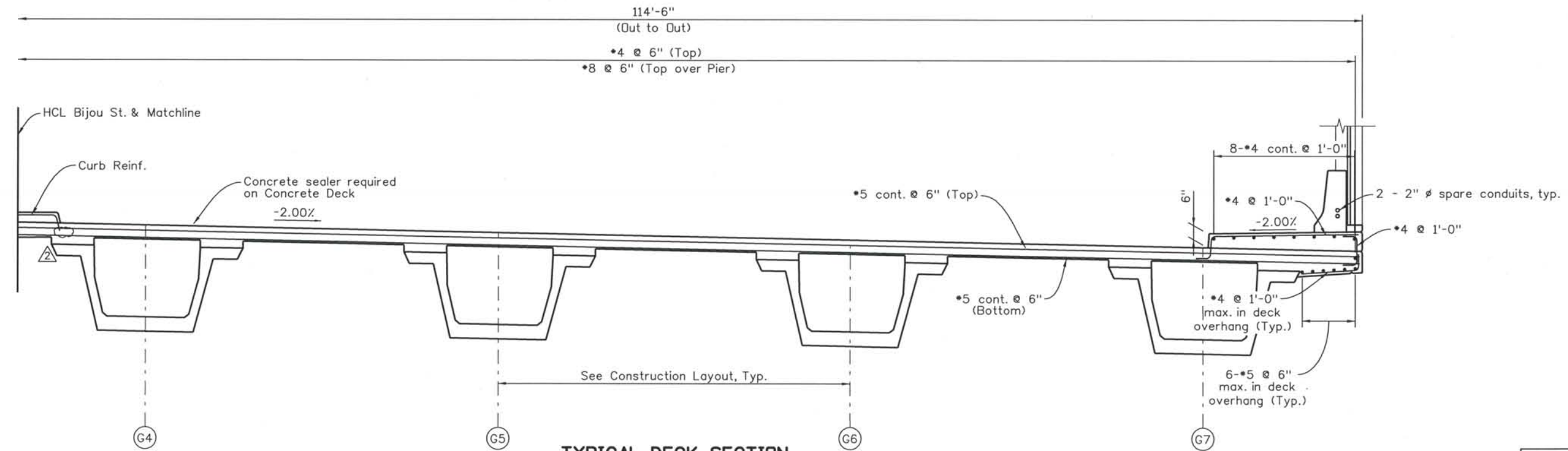


PERMANENT STEEL DECK FORM DETAIL

Permanent steeldeck forms are not allowed in the cantilever portion of the deck.

Notes:

- 1. Deck concrete shall be Class H (Bridge).



TYPICAL DECK SECTION
(Looking Upstation)

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:29 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/16 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER I-25
SUPERSTRUCTURE SECTION

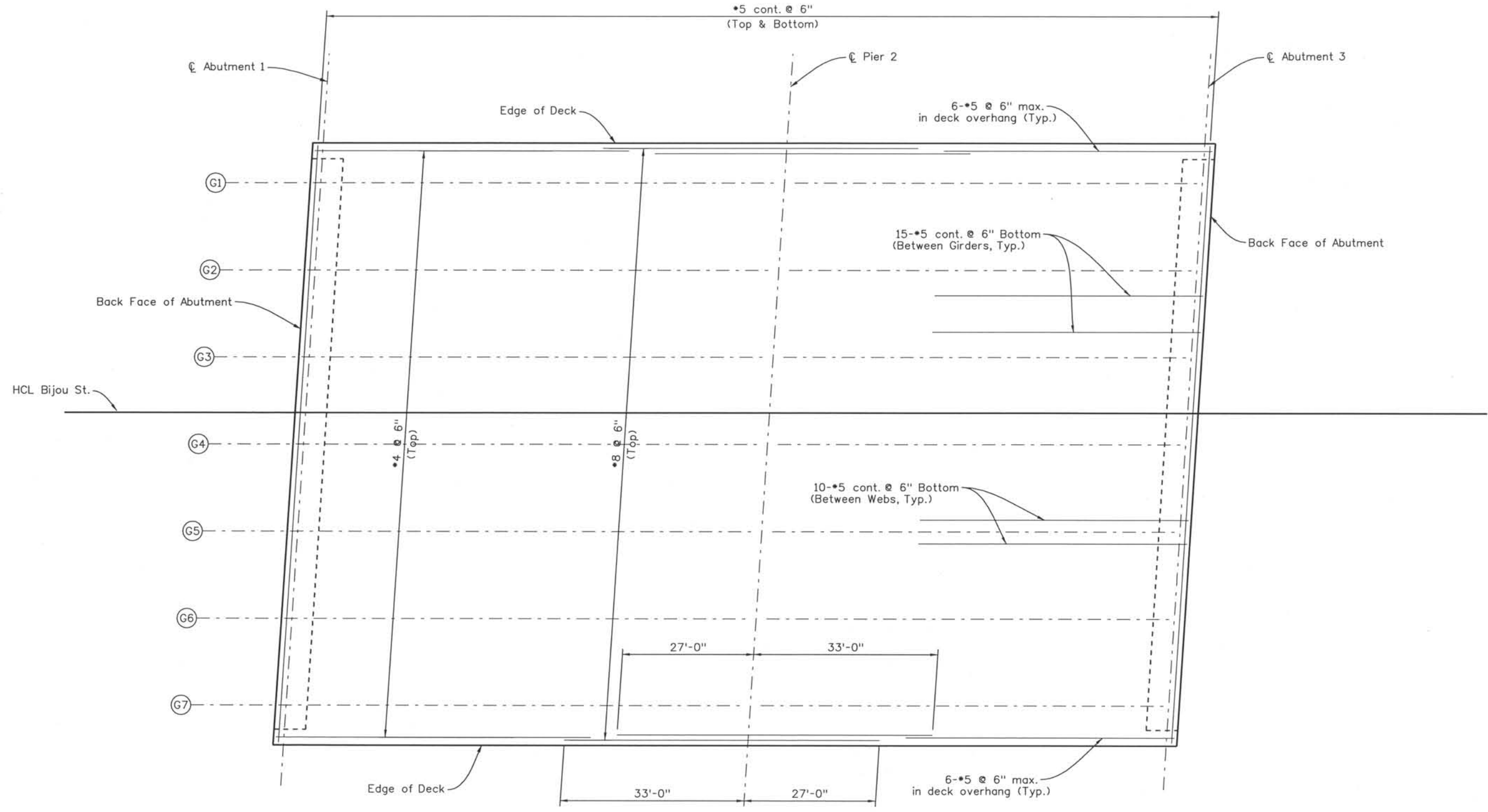
File Name: DS1-BR00-DK01.dgn
Structure Number: I-17-0Q

Project No./Code: IM 0252-370 S.A. 14740
Project Dwg. No.: DS1-0Q-19
Structure Sheet No.: B19 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:33 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 20 at 11x17 Units: US Survey Foot



SLAB REINFORCING

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



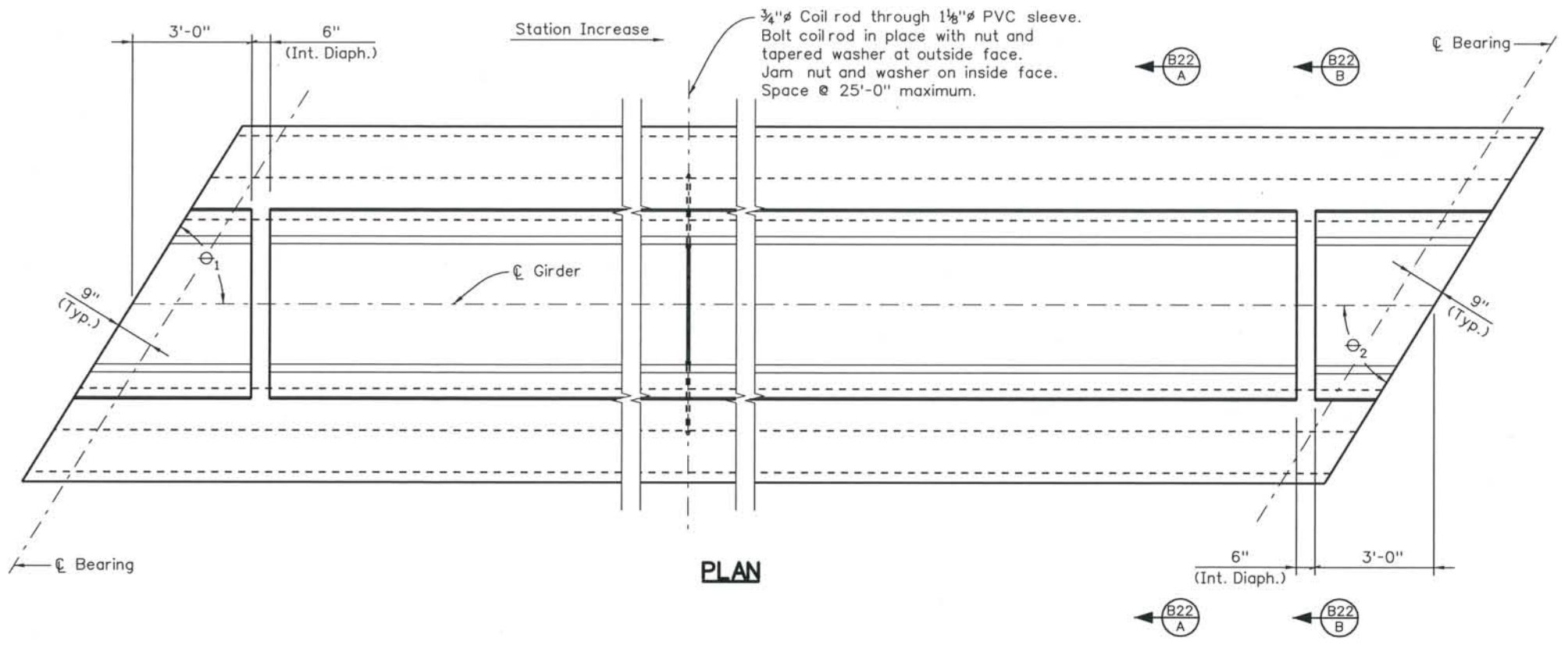
DESIGN SEGMENT 1
 BILOU STREET OVER I-25
 SLAB REINFORCING PLAN

File Name DS1-BR00-DK02.dgn
 Structure Number I-17-0Q

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-0Q-B20
 Structure Sheet No. B20 of 23

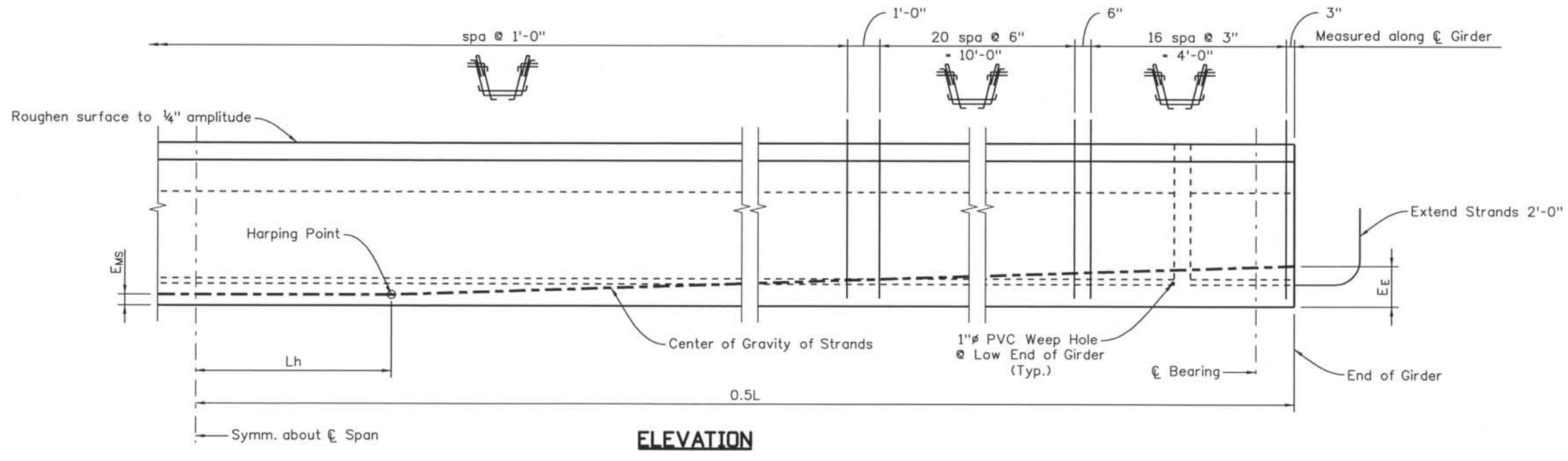
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



NOTES:

1. For girder notes and schedule, see sheet B26



ELEVATION

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:47:35 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/4" at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 PRESTRESSED CONCRETE U-GIRDER
 1 OF 3

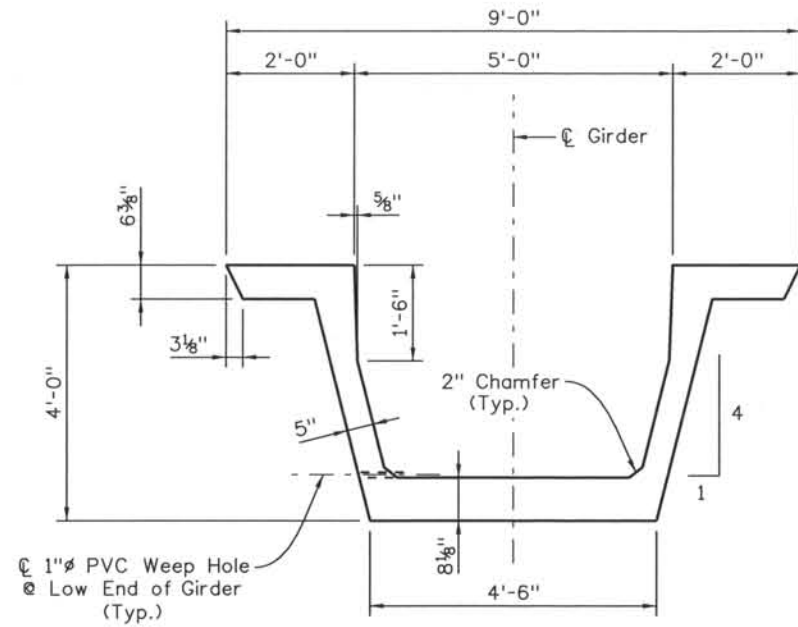
File Name: DS1-BRDQ-GR01.dgn
 Structure Number: I-17-0Q

Project No./Code:
 IM 0252-370
 S.A. 14740

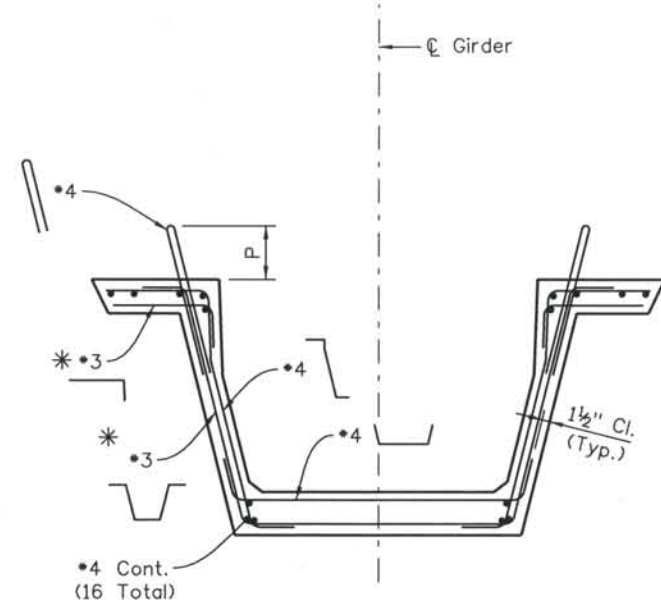
Project Dwg. No.: DS1-0Q-B21
 Structure Sheet No.: B21 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



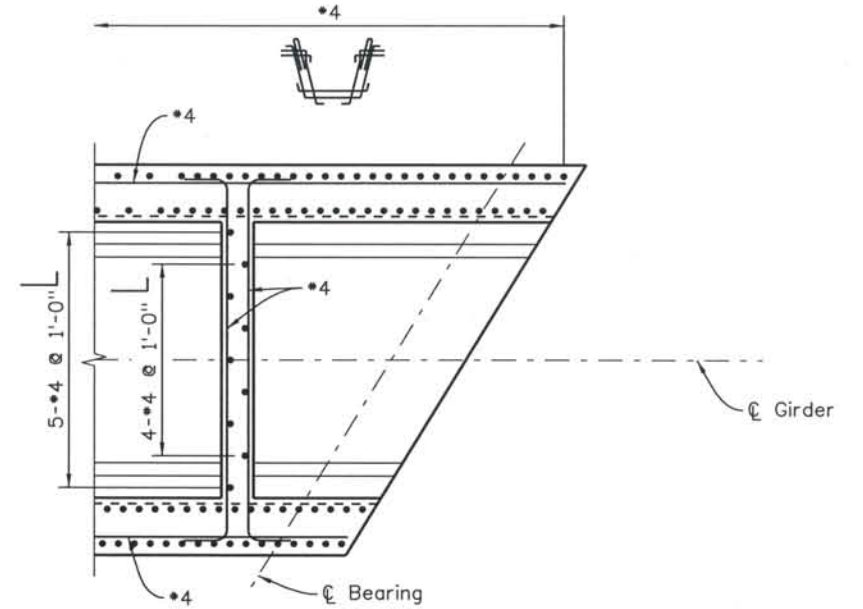
SECTION (B21) A
(Dimensions)



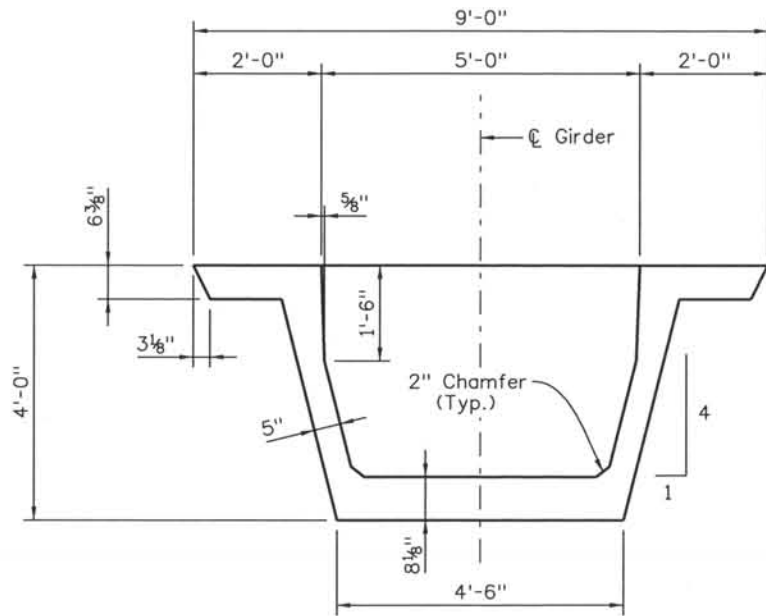
SECTION (B21) A
(Reinforcement)

NOTES:

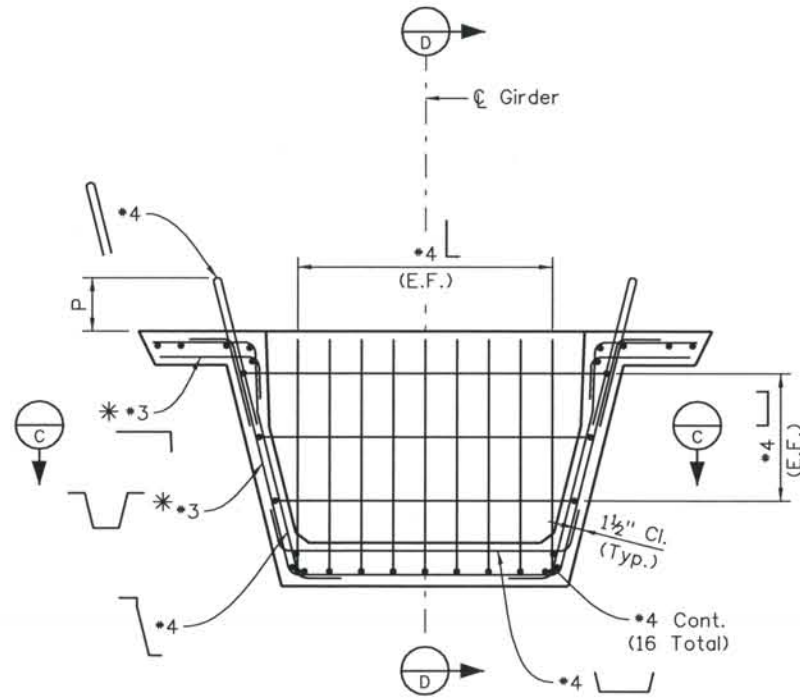
- P = 6" (Typ.)
- P = 7" (for stirrups spaced @ 3")
- * Use #4 with stirrup spacing of 3"



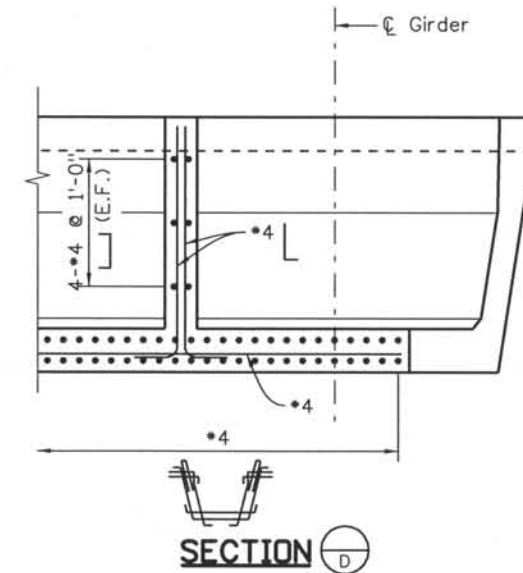
SECTION (B21) C



SECTION (B21) B
(Dimensions)



SECTION (B21) B
(Reinforcement)

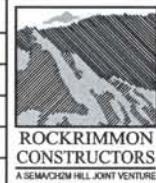


SECTION (B21) D

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:47:38 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Units: US Survey Foot
 Scale: No Scale

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 PRESTRESSED CONCRETE U-GIRDER
 2 OF 3

File Name: DS1-BRDQ-GR02.dgn
 Structure Number: I-17-0Q

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-OQ-B22
 Structure Sheet No.: B22 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ANDREW MICHAEL LEIFHEIT COLORADO P.E. NO. 36797

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/3/2008
 Time Plotted: 10:47:41 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Units: US Survey Foot
 Scale: DScale

GIRDER SCHEDULE															
Span No.	Girder No.	L (feet)	\ominus_1 (deg)	\ominus_2 (deg)	Lh (feet)	A _s * (in sq)	Debond Strands (%)	E _E (inch)	E _{MS} (inch)	F _J (kips)	F _F (kips)	Concrete Strength		Δ (inch)	Predicted Camber (inch)
												f' _{ci} (psi)	f' _c (psi)		
1	G1	88.00	86.3	86.3	8.8	11.935	0	9.23	4.76	2417	1793	6500	8500	2.8	3.1
	G2	88.00	86.3	86.3	8.8	11.935	0	9.23	4.76	2417	1793	6500	8500	2.8	3.1
	G3	88.00	86.3	86.3	8.8	11.935	0	9.23	4.76	2417	1793	6500	8500	2.8	3.1
	G4	88.00	86.3	86.3	8.8	11.935	0	9.23	4.76	2417	1793	6500	8500	2.8	3.1
	G5	88.00	86.3	86.3	8.8	11.935	0	9.23	4.76	2417	1793	6500	8500	2.8	3.1
	G6	88.00	86.3	86.3	8.8	11.935	0	9.23	4.76	2417	1793	6500	8500	2.8	3.1
	G7	88.00	86.3	86.3	8.8	11.935	0	9.23	4.76	2417	1793	6500	8500	2.8	3.1
2	G1	79.25	86.3	86.3	8.0	8.463	0	9.7	4.27	1714	1361	6500	8500	1.9	1.9
	G2	79.25	86.3	86.3	8.0	8.463	0	9.7	4.27	1714	1361	6500	8500	1.9	1.9
	G3	79.25	86.3	86.3	8.0	8.463	0	9.7	4.27	1714	1361	6500	8500	1.9	1.9
	G4	79.25	86.3	86.3	8.0	8.463	0	9.7	4.27	1714	1361	6500	8500	1.9	1.9
	G5	79.25	86.3	86.3	8.0	8.463	0	9.7	4.27	1714	1361	6500	8500	1.9	1.9
	G6	79.25	86.3	86.3	8.0	8.463	0	9.7	4.27	1714	1361	6500	8500	1.9	1.9
	G7	79.25	86.3	86.3	8.0	8.463	0	9.7	4.27	1714	1361	6500	8500	1.9	1.9

NOTES:

When approved by the Engineer, a minimum of tack welding will be permitted on ASTM A706 uncoated reinforcing steel.

Reinforcing projecting from the top of the girder and reinforcing within eight feet of an expansion device in the bridge deck shall be epoxy coated. Damaged coating on girder reinforcing need not be repaired. The minimum cover for reinforcing steel is 1".

At girder ends not embedded in concrete diaphragms, cut strands off 1" below the surface of the concrete and finish with an approved epoxy grout. At girder ends embedded in concrete diaphragms, cut strands to project 3", except as shown. Do not make cosmetic repairs (damage less than 1/4" deep) to the parts of the girders embedded in concrete.

Use low relaxation strands meeting the requirements of ASTM A-416 Grade 270. The minimum clear distance between groups or individual strands shall be 2.3 (d_s) but not less than 1 3/8". The minimum cover for prestressing steel is 1 1/2".

A minimum of two harping points shall be used per girder. Harped strands shall be well distributed at the girder ends, starting within 4" of the top of the girder and distributed such that there is no space between strands greater than 1'-0" at the end of the girder. As an alternate the Contractor may place #4 x 10'0" in the sides of the end of the web parallel to the harped strands such that there is no space greater than 1'-0".

- A_s* - minimum area of the prestressing steel.
- d_s - nominal strand diameter.
- f_s - ultimate strength of the prestressing steel.
- F_J - jacking force per girder.
- F_F - final force per girder after all losses.
- f'_{ci} - required concrete strength at release of prestress force.
- f'_c - required concrete strength at 28 days of age.
- L - length of girder along the grade of the girder.
- Δ - deflection at centerline of span due to cast-in-place slab, diaphragms, asphalt, curbs, rails and walks.
- \ominus - bridge skew angle

Concrete shall be Class PS.

Entrained air is not required for girder concrete

End diaphragms shall be installed prior to transfer on all girders unless otherwise noted. All permanent diaphragms not embedded in concrete shall be galvanized.

Use 1/2" chamfer on all corners, except as noted.

Predicted camber is the camber for the girder alone at 90 days. The Contractor shall limit the camber to a value not to deviate from the predicted camber by more than (0.0005 x L + 0.5") at the time of the deck pour by weighing, scheduling fabrication, post tensioning, changing storage support points, or other means and must report to the Engineer values of camber which exceed the predicted camber plus this tolerance. Remedial measures, as approved by the Engineer, shall be taken if the predicted camber plus the allowed tolerance is exceeded. The approved remedial measure shall be free of any adverse impact. The costs associated with all remedial measures shall be borne by the Contractor.

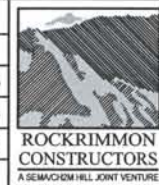
Dimensional tolerances for precast "U" girders shall be those tolerances specified in MNL-116, Section 6.4 as shown for I girders with the following exception: Flange widths and widths between flanges $\pm 1/16$ " /ft width, $\pm 1/4$ " minimum. Variation from specified plan end squareness or skew, $\pm 1/8$ " /ft width of each flange or overall width.

When a girder is shown with both a harped design and a debonded design for a girder, the choice of design is the contractors option. If only a harped or a debonded design or a combination design is shown, that design shall be used with no contractor option or redesign. When used, debonding shall extend in uniformly varying lengths to 3 ft. before the harping point shown, but not closer than 17 ft. to the center of the span.

- D20 wires may be used in lieu of #4.
- 2-D20 wires may be used in lieu of #6.
- D11 or W10.9 wires may be used in lieu of #3.
- W5 wires may be used in lieu of #2.
- Lightly tensioned strand in an alternate for #4 cont.

The deck shall not be placed until 28 days after the casting date of the last girder.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER I-25
 PRESTRESSED CONCRETE U-GIRDER
 3 OF 3

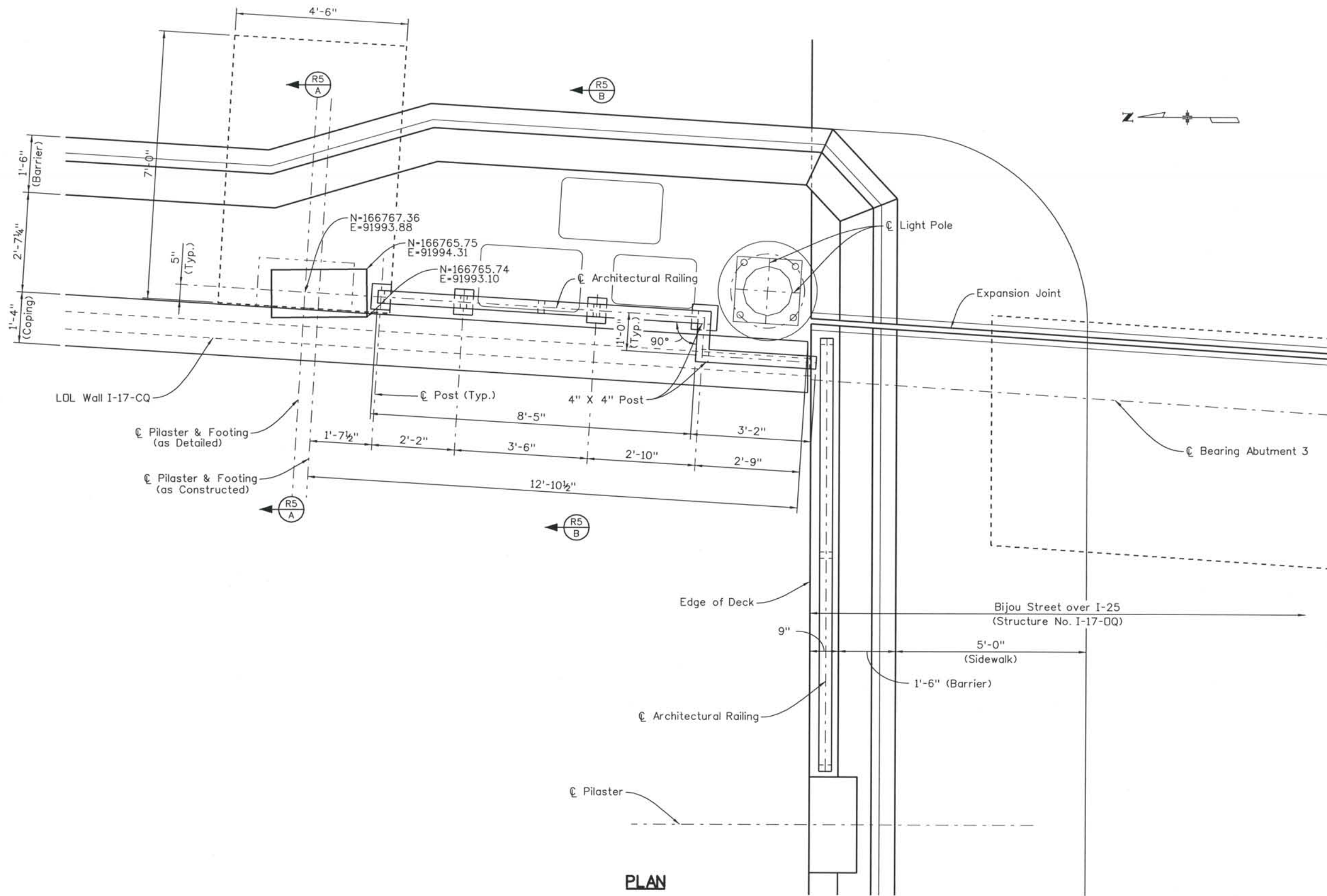
File Name: DS1-BRDQ-GR03.dgn
 Structure Number: I-17-DQ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-OQ-B23
 Structure Sheet No.: B23 of 23

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/4/2008
 Time Plotted: 11:49:31 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot



PLAN

ISSUE RECORD		
NO.	DESCRIPTION	DATE
2	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
3	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
4	APPROVED FOR CONSTRUCTION RFI No. 149	10/01/07
5	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 RFI 149
 BIJOU STREET OVER I-25
 NORTHSIDE RAIL DIMENSIONS (1 OF 2)

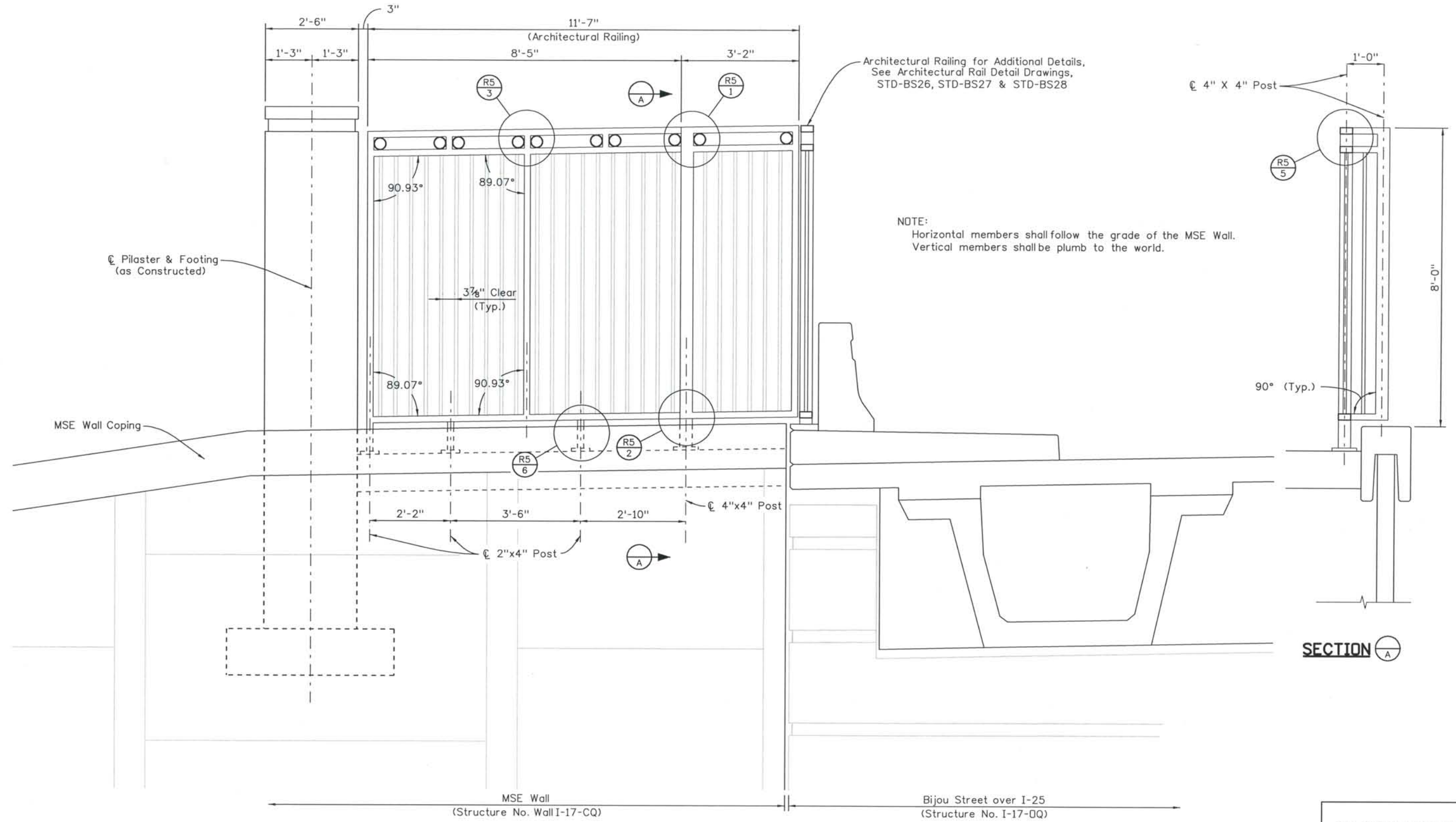
File Name: STD-BRRD-ALL010b.dgn
 Structure Number: I-17-OQ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-OQ-R1
 Structure Sheet No.: 1 OF 5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:49:35 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot



ELEVATION

ISSUE RECORD		
NO.	DESCRIPTION	DATE
2	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
3	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
4	APPROVED FOR CONSTRUCTION RFI No. 149	10/01/07
5	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 RFI 149
 BIJOU STREET OVER I-25
 NORTHSIDE RAIL DIMENSIONS (2 OF 2)

File Name: STD-BRRD-ALL010b1.dgn
 Structure Number: I-17-DQ

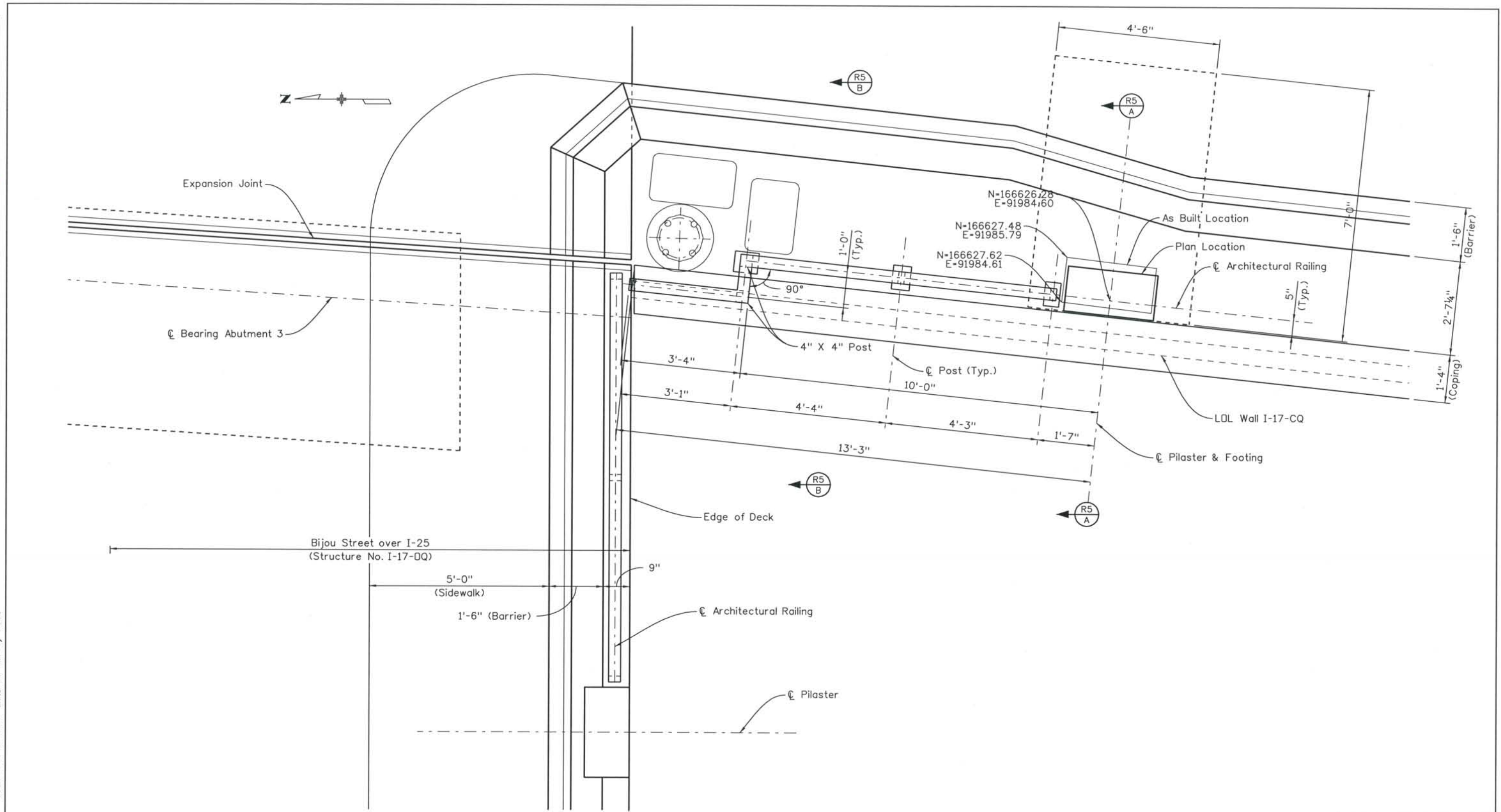
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-R2
 Structure Sheet No.: 2 OF 5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:49:37 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot



PLAN

ISSUE RECORD		
NO.	DESCRIPTION	DATE
2	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
3	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07
4	APPROVED FOR CONSTRUCTION RFI No. 149	10/01/07
5	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 RFI 149
 BIJOU STREET OVER I-25
 SOUTHSIDE RAIL DIMENSIONS (1 OF 2)

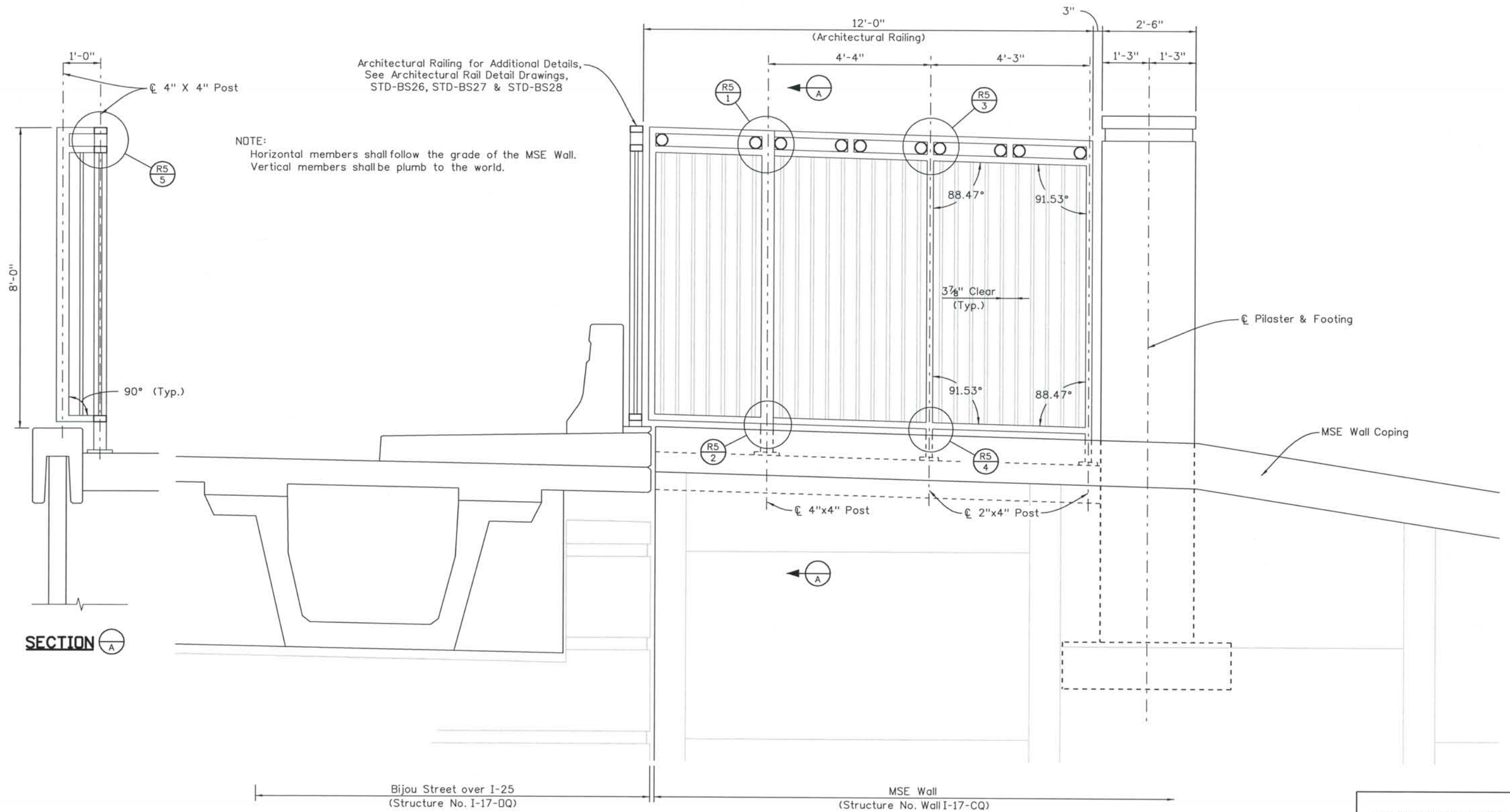
File Name: STD-BRRD-ALL010c.dgn
 Structure Number: I-17-DQ

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-DQ-R3
 Structure Sheet No.: 3 OF 5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:49:40 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot



NOTE:
 Horizontal members shall follow the grade of the MSE Wall.
 Vertical members shall be plumb to the world.

Architectural Railing for Additional Details,
 See Architectural Rail Detail Drawings,
 STD-BS26, STD-BS27 & STD-BS28

SECTION A

ELEVATION

Bijou Street over I-25
 (Structure No. I-17-DQ)

MSE Wall
 (Structure No. Wall I-17-CQ)

ISSUE RECORD			
ND.	DESCRIPTION	DATE	
2	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07	
3	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07	
4	APPROVED FOR CONSTRUCTION RFI No. 149	10/01/07	
5	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 RFI 149
 BIJOU STREET OVER I-25
 SOUTHSIDE RAIL DIMENSIONS (2 OF 2)

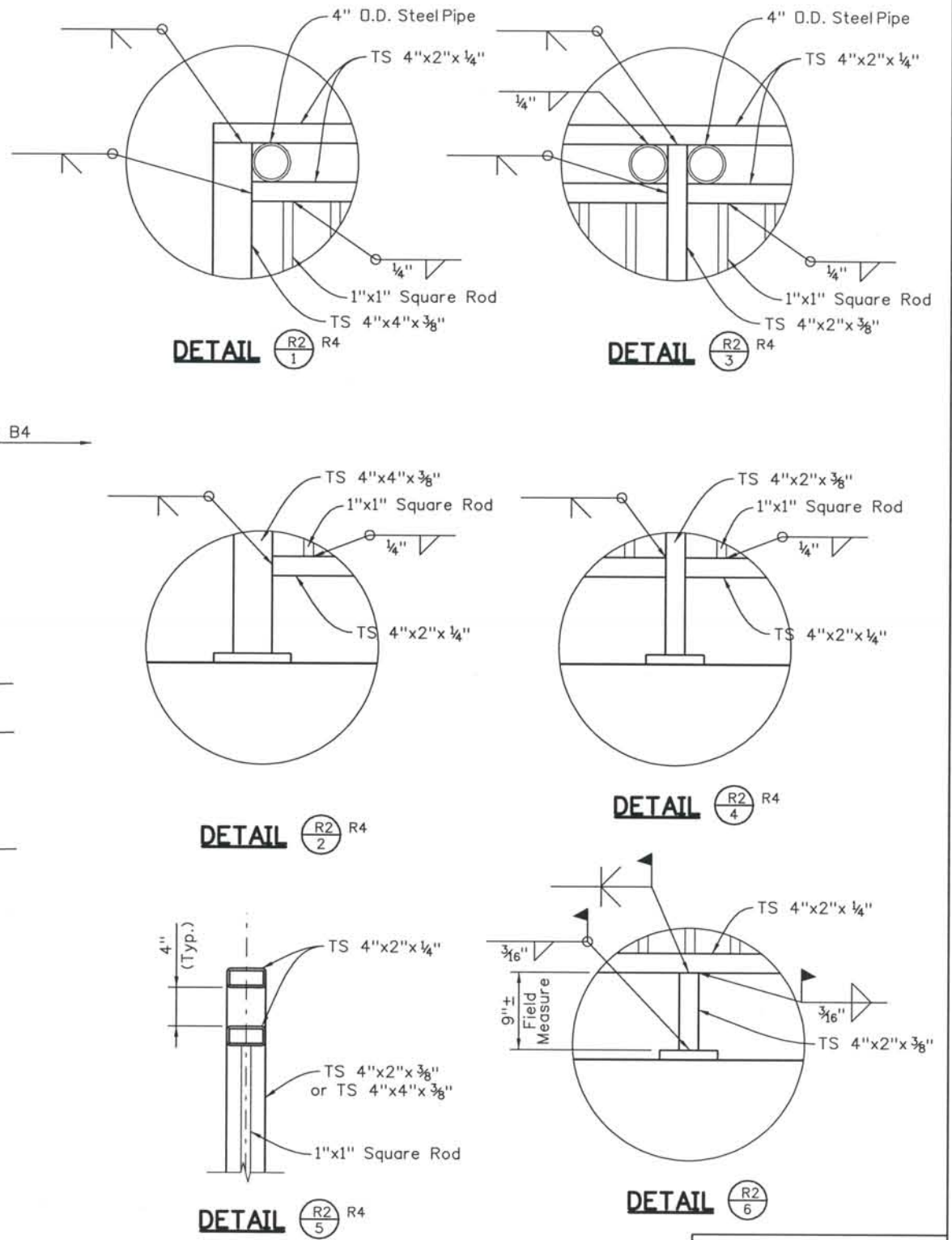
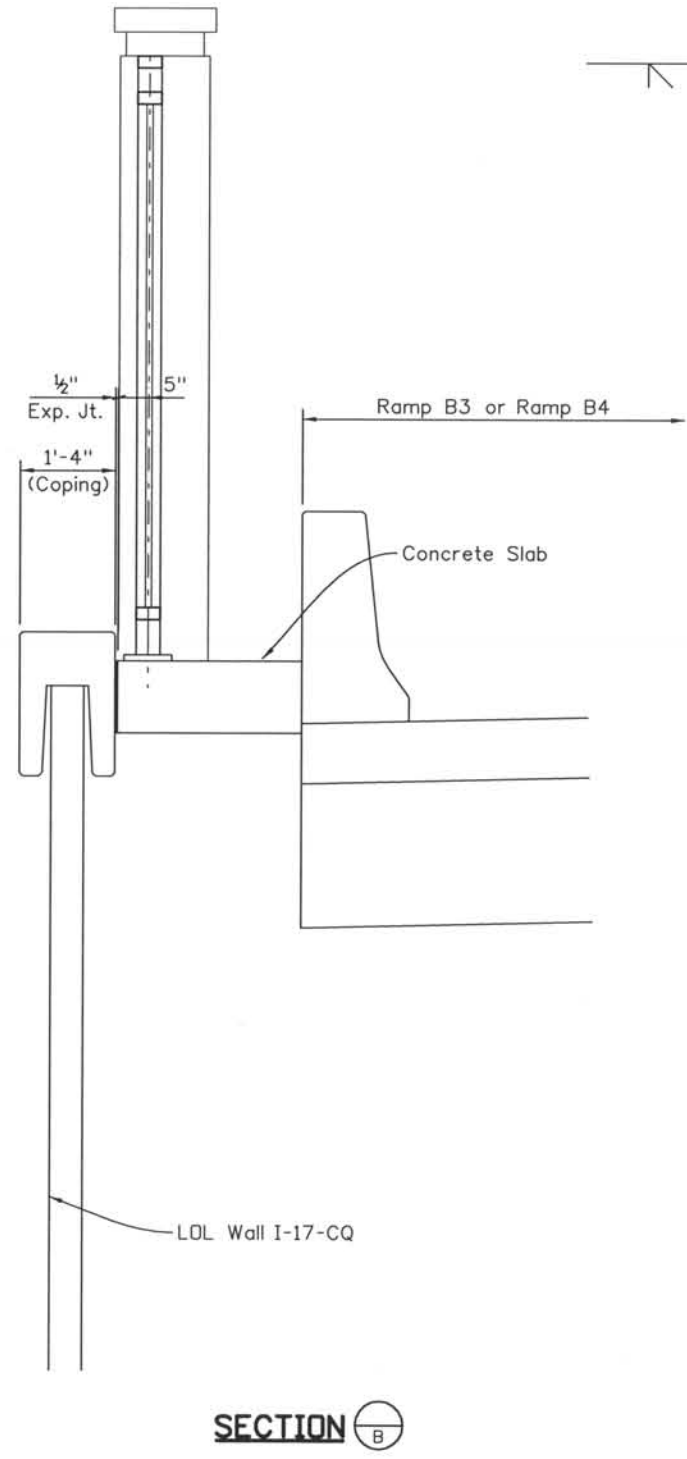
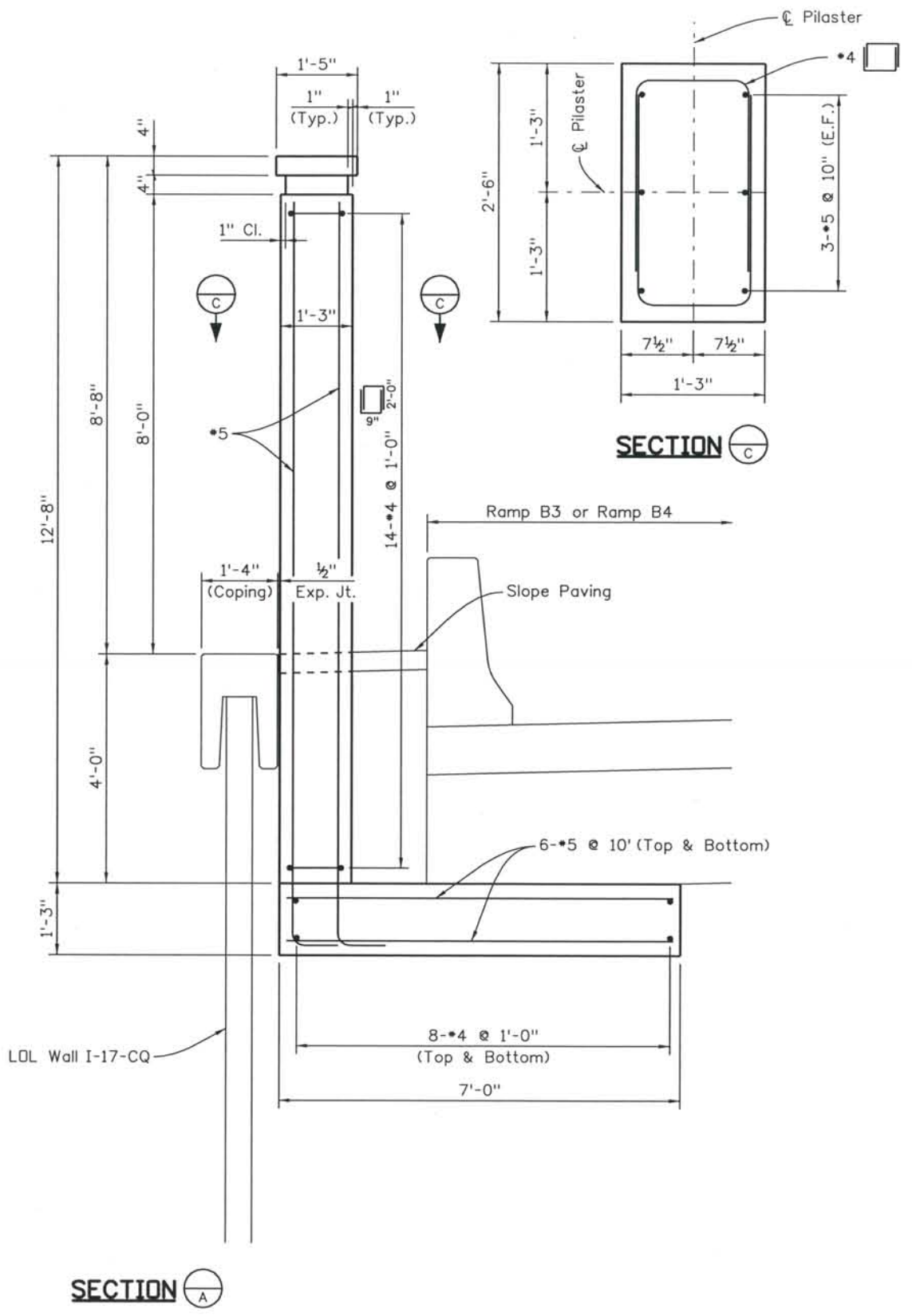
File Name STD-BRRD-ALL010c1.dgn
 Structure Number I-17-DQ

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-DQ-R4
 Structure Sheet No. 4 OF 5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/4/2008
 Time Plotted: 11:49:42 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
2	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07	
3	APPROVED FOR CONSTRUCTION NDC No. 32	09/05/07	
4	APPROVED FOR CONSTRUCTION RFI No. 149	10/01/07	
5	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 RFI 149
 BIJOU STREET OVER I-25
 RAIL AND PILASTER DETAILS

File Name: STD-BRRD-ALL09a.dgn
 Structure Number: I-17-0Q

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-0Q-R5
 Structure Sheet No.: 5 OF 5

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

GENERAL NOTES

A COLORED STRUCTURAL CONCRETE COATING FINISH WILL BE REQUIRED, AS SHOWN ON THE PLANS, ON EXPOSED CONCRETE SURFACES. THE COLOR SHALL BE EQUIVALENT TO FEDERAL STANDARD 595B COLORS NO. 30313 AND 30227, AND IS TO BE SELECTED FROM TEST PANELS PROVIDED BY THE CONTRACTOR.

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M213.

THE FINAL FINISH FOR THE SURFACES TO RECEIVE A CONCRETE STAIN SHALL BE CLASS 2. ALL OTHER EXPOSED CONCRETE SURFACES SHALL RECEIVE A CLASS 1 FINISH TO ONE FOOT BELOW THE GROUND LINE.

GRADE 60 REINFORCING STEEL IS REQUIRED.

ALL REINFORCING STEEL SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED.

(N) DENOTES NON COATED REINFORCING STEEL.

FOR STRUCTURE NUMBER INSTALLATION, SEE STANDARD S-614-12.

LEVELING PADS ARE UNLAMINATED BEARINGS. THEY SHALL BE CUT OR MOLDED FROM AASHTO ELASTOMER GRADE 3, 4 OR 5 AS DESCRIBED IN TABLES 705-1 AND 705-2 WITH A DUROMETER (SHORE "A") HARDNESS OF 60.

STAY IN PLACE STEEL DECK FORMS ARE REQUIRED.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

DEMOLITION PLANS ARE TO BE PREPARED IN ACCORDANCE WITH UNION PACIFIC RAILROAD "GUIDELINES FOR PREPARATION OF A BRIDGE DEMOLITION AND REMOVAL PLAN FOR STRUCTURES OVER RAILROAD" AND ARE TO BE SUBMITTED TO UPRR IN ADVANCE ALLOCATING A FOUR WEEK REVIEW PERIOD PRIOR TO APPROVAL.

DESIGN DATA

AASHTO, THIRD EDITION LRFD, 2004

DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN

LIVE LOAD: HL-93 (DESIGN TRUCK OR TANDEM, AND DESIGN LANE LOAD) - COLORADO PERMIT VEHICLE

DEAD LOAD: ASSUMES 36 LBS. PER SQ. FT. FOR FUTURE BRIDGE DECK OVERLAY ASSUMES 5 LBS. PER SQ. FT. FOR STAY IN PLACE FORMS

REINFORCED CONCRETE:

CLASS D CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi

CAISSON CONCRETE:

CLASS BZ CONCRETE: f'c = 4,000 psi
 REINFORCING STEEL: fy = 60,000 psi

DECK CONCRETE:

CLASS H CONCRETE: f'c = 4,500 psi
 REINFORCING STEEL: fy = 60,000 psi

PRESTRESSED CONCRETE:

CLASS PS CONCRETE: f'c = (SEE GIRDER DETAILS)
 f's = 270,000 psi

REINFORCING

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-7"	2'-0"	2'-6"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

REINFORCING

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-4"	1'-8"	2'-0"	2'-4"	3'-1"	3'-10"	4'-11"	6'-0"

THE ABOVE SPLICE LENGTHS SHALL BE INCREASED BY 20 PERCENT FOR 3 BAR BUNDLES AND 33 PERCENT FOR 4 BAR BUNDLES.

THE ABOVE SPLICE LENGTHS MAY BE REDUCED BY 20% WHEN 3" OF CLEAR COVER EXISTS AND BAR SPACING IS 6" OR GREATER ON CENTER.

ALL SPLICES SHALL BE STAGGERED UNLESS SHOWN OTHERWISE.

DESIGN BUILD GENERAL NOTES

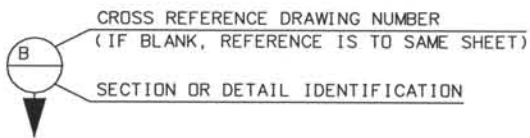
- VERIFY ELEVATION OF EXISTING TOP-OF-RAIL PRIOR TO CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE RAILROAD PRIOR TO CONSTRUCTION.
- SHORING TO MEET THE REQUIREMENTS OUTLINED IN THE BNSF/UPRR GUIDELINES FOR TEMPORARY SHORING.
- ALL DEMOLITIONS WITHIN THE RAILROADS RIGHT-OF-WAY AND/OR DEMOLITION THAT MAY IMPACT THE RAILROADS TRACKS OR OPERATIONS SHALL COMPLY WITH THE RAILROAD'S DEMOLITION GUIDELINES. ERECTION OVER THE RAILROAD'S RIGHT-OF-WAY SHALL BE DESIGNED TO CAUSE NO INTERRUPTION TO THE RAILROAD'S OPERATION. ERECTION OVER THE RAILROAD'S TRACK SHALL BE DEVELOPED SUCH THAT IT ENABLES THE TRACK(S) TO REMAIN OPEN TO TRAFFIC PER RAILROAD'S REQUIREMENTS.
- CONSTRUCTION ACTIVITIES AND FINAL BUILT CONDITION SHALL NOT CHANGE THE QUANTITY AND/OR CHARACTERISTICS OF THE FLOW IN THE RAILROAD DITCHES AND/OR DRAINAGE STRUCTURES.
- THE CONTRACTOR MUST SUBMIT A PROPOSED METHOD OF EROSION AND SEDIMENT CONTROL AND HAVE THE METHOD APPROVED BY THE RAILROAD PRIOR TO BEGINNING ANY GRADING ON THE PROJECT SITE. TEMPORARY CONSTRUCTION CLEARANCE (AND FALSEWORK CLEARANCE) ENVELOPE SHALL BE IN ACCORDANCE WITH RAILROAD REQUIREMENTS, BOUND BY 21 FEET VERTICALLY ABOVE THE PLANS OF TOP-OF-RAIL AND 12 FEET HORIZONTAL AT A RIGHT ANGLE FROM CENTERLINE OF TRACK.
- A DETAILED GIRDER ERECTION PLAN MUST BE REVIEWED AND APPROVED BY UPRR FOR ALL GIRDERS INSTALLED ON/OVER UPRR RIGHT-OF-WAY. NO WORK MAY BE PERFORMED WITHIN 25 FEET OF TRACK CENTERLINE WHEN A TRAIN IS PASSING THE SITE.
- ALL WORK WITHIN THE RAILROAD RIGHT-OF-WAY TO BE IN ACCORDANCE WITH RAILROAD RIGHT OF ENTRY PERMIT REQUIREMENTS.
- COORDINATE ALL OPERATIONS WITHIN THE RAILROAD RIGHT-OF-WAY WITH THE MANAGER OF TRACK MAINTENANCE (MTM), JOE RODRIGUEZ AT 719-549-6266 OR 719-248-4803.
- NO DRAINAGE FROM OVERPASS STRUCTURE WILL BE DISCHARGED ONTO UPRR RIGHT-OF-WAY.
- ALL DRAINAGE SHALL BE CONNECTED TO A POSITIVE DRAINAGE SYSTEM.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN EROSION CONTROL FOR THE LIMITS OF THE CONSTRUCTION PROJECT.
- ANY DAMAGE TO RAILROAD PROPERTY SUCH AS TRACK, SIGNAL EQUIPMENT OR STRUCTURE COULD RESULT IN A TRAIN DERAILMENT. ALL DAMAGES MUST BE REPORTED IMMEDIATELY TO THE MANAGER OF TRACK MAINTENANCE (MTM), JOE RODRIGUEZ AT 719-549-6266 OR 719-248-4803.
- REVIEW OF ALL CONSTRUCTION SUBMITTAL SUCH AS SHORING, FALSEWORK, ERECTION PLANS, AND DEMOLITION PLANS WILL TAKE A MINIMUM OF 4 WEEKS FROM THE DATE RECEIVED BY THE RAILROAD.
- DRILLING SHAFTS WITHIN THE INFLUENCE OF TRACK SURCHARGE SHALL BE DESIGNED WITH TEMPORARY CASING TO PROTECT TRACK AGAINST CAVE-IN, SUBSIDENCE AND/OR DISPLACEMENT OF SURROUNDING GROUND. CASING SHALL BE DESIGNED FOR LIVE LOAD DUE TO THE RAILROAD SURCHARGE IN ADDITION TO ALL OTHER APPLICABLE LOADS.
- THE PROJECT SITE SHALL BE INSPECTED BY THE RAILROAD AT THE CONTRACTOR'S EXPENSE DURING AND TOWARD THE END OF CONSTRUCTION FOR FINAL ACCEPTANCE BEFORE THE CONTRACTOR DEMOBILIZES.

BRIDGE DESCRIPTION

FOUR SPAN (105'-2 1/4", 135'-0", 148'-3", 86'-3")
 PRESTRESSED, POST-TENSIONED, COLORADO
 U-GIRDER BRIDGE WITH CAST-IN-PLACE
 CONCRETE SLAB CARRYING BIJOU STREET
 OVER MONUMENT CREEK & UPRR.
 STRUCTURE WIDTH VARIES OUT TO OUT, WITH
 SIDEWALK, BRIDGE RAIL TYPE 7 AND STEEL
 FENCE.

ABBREVIATIONS

E.F. - EACH FACE
 F.F. - FAR FACE
 N.F. - NEAR FACE
 WP - WORKING POINT



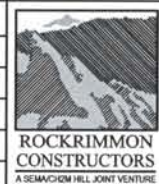
INDEX OF DRAWINGS

SHEET NO.	TITLE
B1	GENERAL INFORMATION
B2	GENERAL LAYOUT (1 OF 2)
B3	GENERAL LAYOUT (2 OF 2)
B4	CONSTRUCTION SEQUENCE
B5	CONSTRUCTION LAYOUT (1 OF 2)
B6	CONSTRUCTION LAYOUT (2 OF 2)
B7	FOUNDATION LAYOUT
B8	CAISSON AND DRIVEN PILE DETAILS
B9	ABUTMENT 1 CONSTRUCTION SEQUENCE
B10	ABUTMENT 1 DIMENSIONS (1 OF 3)
B11	ABUTMENT 1 DIMENSIONS (2 OF 3)
B12	ABUTMENT 1 DIMENSIONS (3 OF 3)
B13	ABUTMENT 5 DIMENSIONS (1 OF 2)
B14	ABUTMENT 5 DIMENSIONS (2 OF 2)
B15	ABUTMENT 1 REINFORCING (1 OF 4)
B16	ABUTMENT 1 REINFORCING (2 OF 4)
B17	ABUTMENT 1 REINFORCING (3 OF 4)
B18	ABUTMENT 1 REINFORCING (4 OF 4)
B19	ABUTMENT 5 REINFORCING (1 OF 3)
B20	ABUTMENT 5 REINFORCING (2 OF 3)
B21	ABUTMENT 5 REINFORCING (3 OF 3)
B22	PIER 2 DIMENSIONS
B23	PIER 3 DIMENSIONS
B24	PIER 4 DIMENSIONS
B25	COLUMN DETAILS
B26	PIER 2 CAP AND DIAPHRAGM DETAILS (1 OF 2)
B27	PIER 2 CAP AND DIAPHRAGM DETAILS (2 OF 2)
B28	PIER 3 CAP AND DIAPHRAGM DETAILS (1 OF 2)
B29	PIER 3 CAP AND DIAPHRAGM DETAILS (2 OF 2)
B30	PIER 4 CAP AND DIAPHRAGM DETAILS (1 OF 2)
B31	PIER 4 CAP AND DIAPHRAGM DETAILS (2 OF 2)
B32	BEARING DETAILS
B33	SUPERSTRUCTURE SECTION
B34	SLAB REINFORCING PLAN (1 OF 2)
B35	SLAB REINFORCING PLAN (2 OF 2)
B36	CONCRETE U GIRDER DETAILS SPAN 1 (1 OF 3)
B37	CONCRETE U GIRDER DETAILS SPAN 1 (2 OF 3)
B38	CONCRETE U GIRDER DETAILS SPAN 1 (3 OF 3)
B39	CONCRETE U GIRDER DETAILS SPAN 2 (1 OF 3)
B40	CONCRETE U GIRDER DETAILS SPAN 2 (2 OF 3)
B41	CONCRETE U GIRDER DETAILS SPAN 2 (3 OF 3)
B42	CONCRETE U GIRDER DETAILS SPAN 3 (1 OF 3)
B43	CONCRETE U GIRDER DETAILS SPAN 3 (2 OF 3)
B44	CONCRETE U GIRDER DETAILS SPAN 3 (3 OF 3)
B45	CONCRETE U GIRDER DETAILS SPAN 4 (1 OF 3)
B46	CONCRETE U GIRDER DETAILS SPAN 4 (2 OF 3)
B47	CONCRETE U GIRDER DETAILS SPAN 4 (3 OF 3)
B48	POST TENSIONING NOTES
B49	POST TENSIONING LAYOUT (1 OF 4)
B50	POST TENSIONING LAYOUT (2 OF 4)
B51	POST TENSIONING LAYOUT (3 OF 4)
B52	POST TENSIONING LAYOUT (4 OF 4)
B53	CAST IN PLACE DETAILS
B54	ABUTMENT 1 DIAPHRAGM DETAILS (1 OF 2)
B55	ABUTMENT 1 DIAPHRAGM DETAILS (2 OF 2)
B56	MODULAR EXPANSION JOINT (1 OF 2)
B57	MODULAR EXPANSION JOINT (2 OF 2)
B58	BRIDGE HYDRAULIC INFORMATION (1 OF 2)
B59	BRIDGE HYDRAULIC INFORMATION (2 OF 2)

PROJECT STANDARD DRAWINGS

SHEET NO.	TITLE
BS1	BACKFILL AT ABUTMENTS
BS2	MECHANICALLY STABILIZED BACKFILL
BS11	BRIDGE EXPANSION DEVICE DETAILS TYPE I (1 OF 3)
BS12	BRIDGE EXPANSION DEVICE DETAILS TYPE I (2 OF 3)
BS13	BRIDGE EXPANSION DEVICE DETAILS TYPE I (3 OF 3)
BS14	BRIDGE DRAIN TYPE I
BS24	APPROACH SLAB TYPE IV DETAILS (1 OF 2)
BS25	APPROACH SLAB TYPE IV DETAILS (2 OF 2)
BS26	ARCHITECTURAL RAIL DETAILS (1 OF 3)
BS27	ARCHITECTURAL RAIL DETAILS (2 OF 3)
BS28	ARCHITECTURAL RAIL DETAILS (3 OF 3)

Designed By:	ISSUE RECORD		
B.F.G.	NO.	DESCRIPTION	DATE
Detailed By:	C	90% DESIGN SUBMITTAL	04/24/06
M.M.M.	D	UPRR REVIEW - 90% SUBMITTAL	05/09/06
Checked By:	1	UPRR REVIEW - 100% SUBMITTAL	01/10/07
A.M.L.	2	AS-BUILT PLANS SUBMITTAL	08/15/08



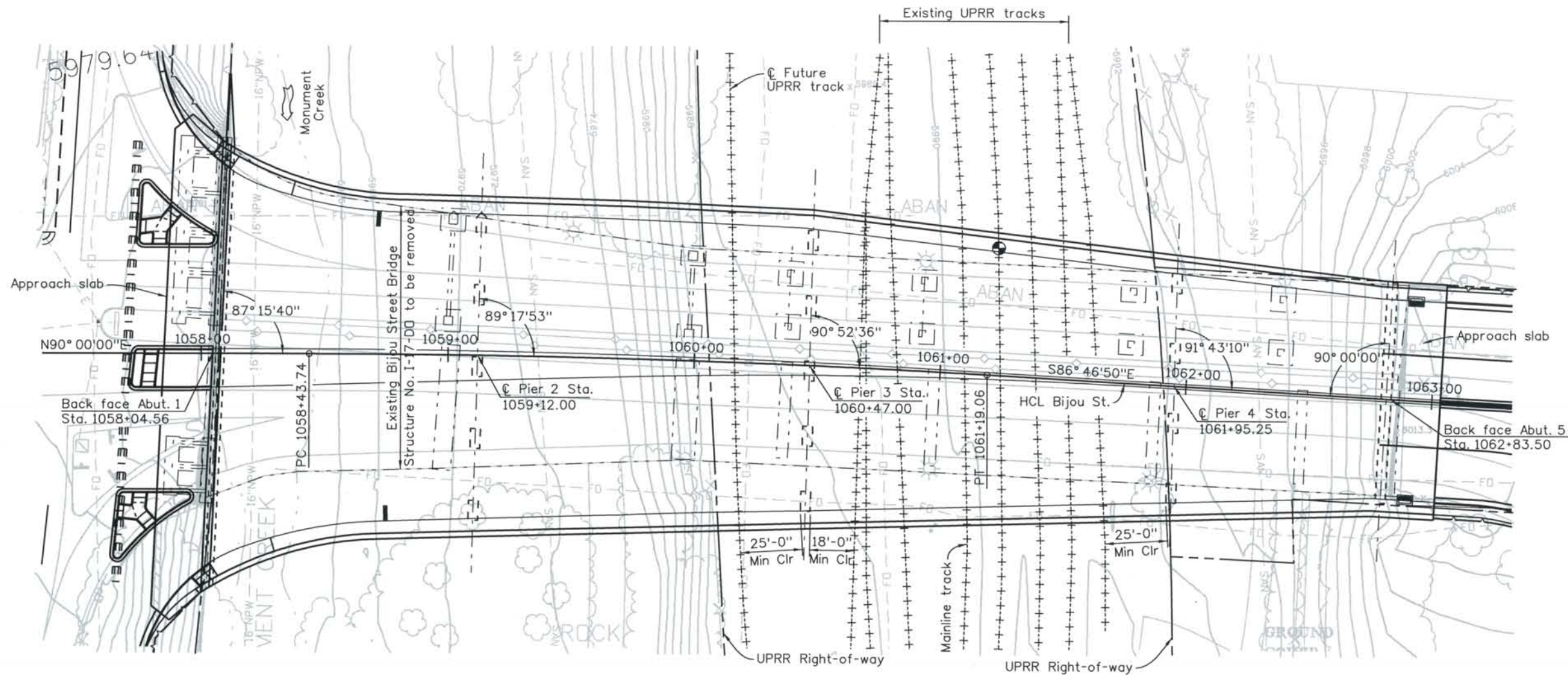
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
GENERAL INFORMATION

File Name	DS1-BRBJ-GN01.DGN
Structure Number	CSG-G.15-08.84A

Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-BJ-B1
Structure Sheet No.	B1 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

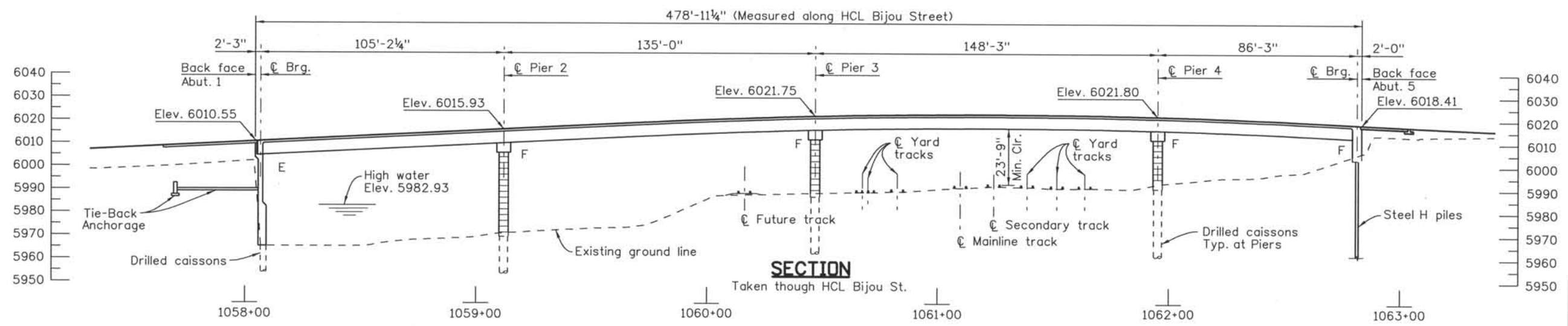
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



CIRCULAR CURVE DATA
Bijou Street
Δ=3°13'09.64"
T=137.70'
R=4900.00'
L=275.32'
PI Sta 1059+81.44

PLAN

Point of minimum vertical clearance



SECTION

Taken through HCL Bijou St.

Computer File Information
Date Plotted: 9/3/2008
Time Plotted: 10:27:20 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004
As-Built
327504.DS1 Bridge
Scale: 50 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



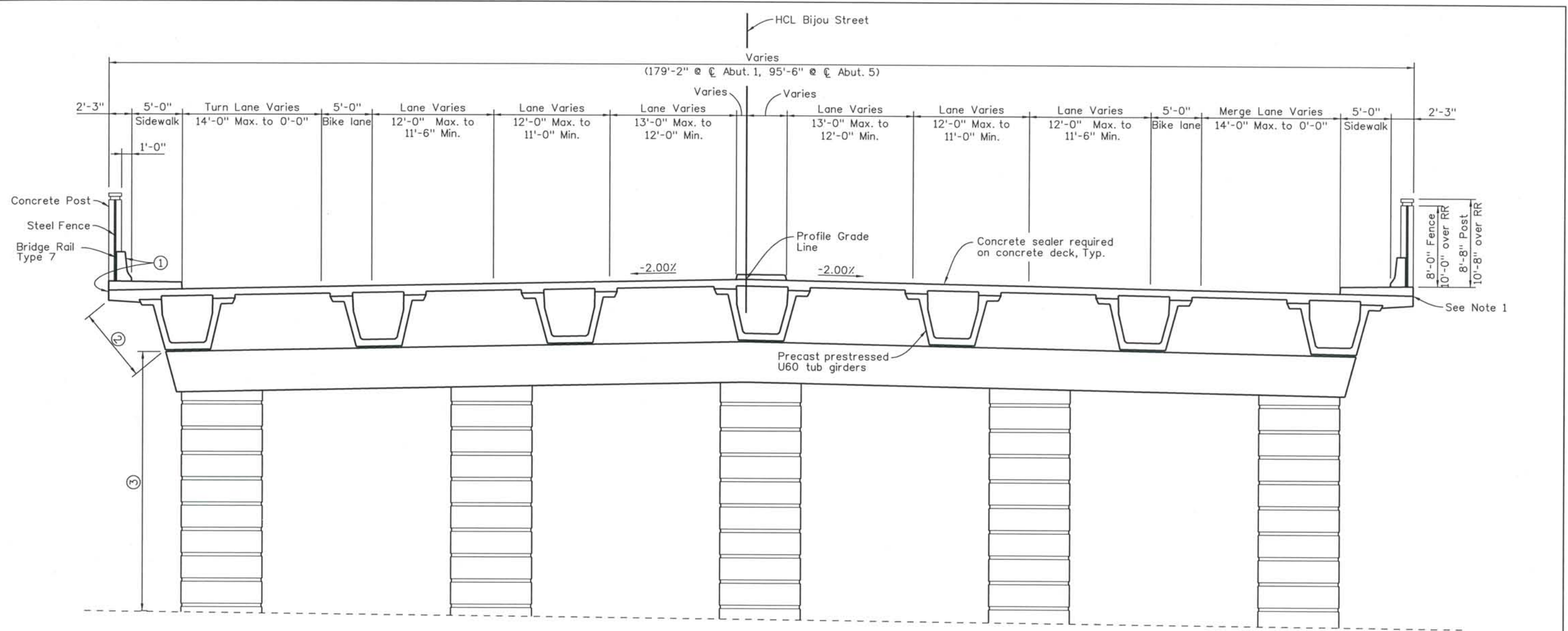
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
GENERAL LAYOUT
1 OF 2

File Name: DS1-BRBJ-GP01.DGN
Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
Project Dwg. No.: DS1-BJ-B2
Structure Sheet No.: B2 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



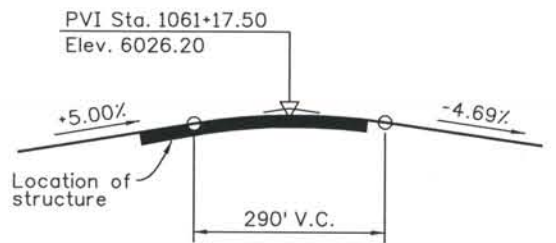
TYPICAL SECTION
Looking Upstation

LIMITS OF CONCRETE COATING

- ① Color shall be beige, equivalent to Federal standard 595B color No. 30313. Coating shall include exposed surface of Rail and outside face of deck.
- ② Color shall be beige, equivalent to Federal standard 595B color No. 30227. Coating shall include bottom soffit of overhangs and exterior face of exterior girders.
- ③ Color shall be beige, equivalent to Federal standard 595B color No. 30313. Coating shall include columns, pier cap, abutments and wingwalls

NOTE:

1. Joint to be rubbed smooth prior to placing concrete coating.



PROFILE GRADE

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:27:24 AM
 Plotted By: skramer
 CAD Ver.: MicroStation VB 2004

327504.DS1 Bridge
 As-Built
 Scale: 10 at 11x17 Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
GENERAL LAYOUT
 2 OF 2

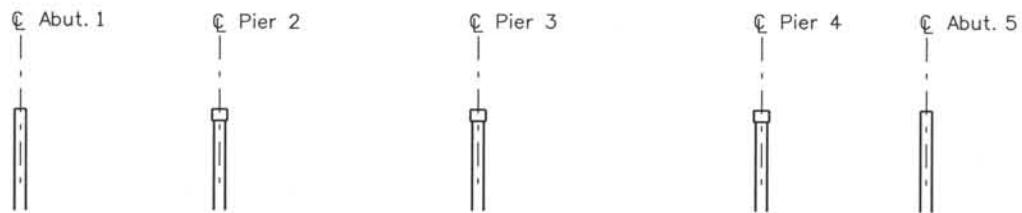
File Name DS1-BRBJ-GP02.DGN
 Structure Number
 CSG-G.15-08.84A

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-BJ-B3
 Structure Sheet No. B3 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

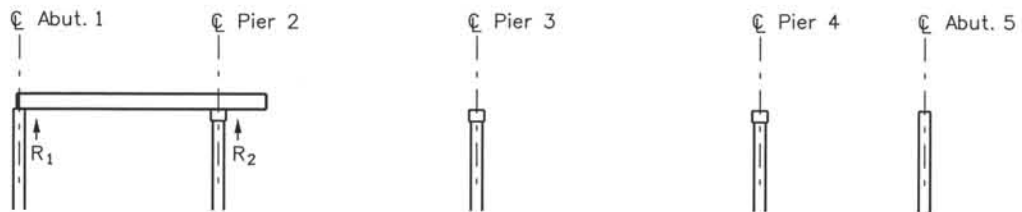
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:27:27 AM
 Plotted By: skramer
 CAD Ver.: MicroStation VB 2004
 Scale: DScale
 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built



STAGE 1:

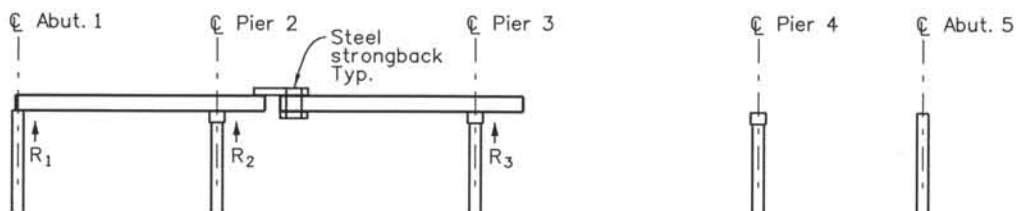
Construct Abutments and Piers
Place setting pads & bearings



STAGE 2:

Stress Tendon 4
Erect Span 1 girders

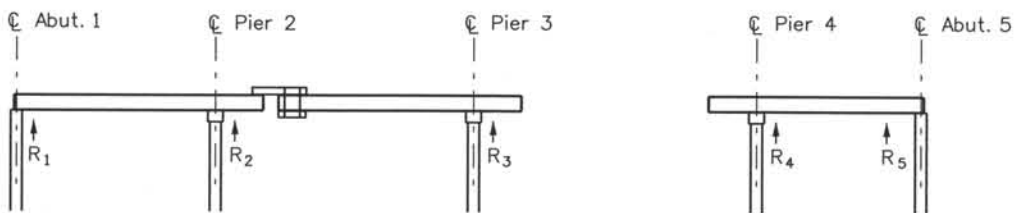
REACTIONS:
R₁ = 87 k
R₂ = 135 k



STAGE 3:

Stress Tendon 5
Attach strongbacks to Span 2 girders
Erect Span 2 girders

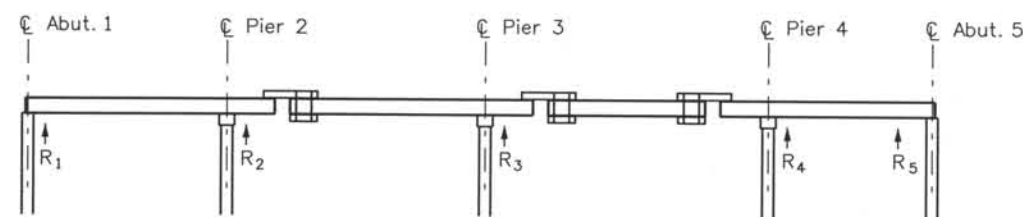
REACTIONS:
R₁ = 74 k
R₂ = 243 k
R₃ = 146 k



STAGE 4:

Stress Tendon 6
Erect Span 4 girders

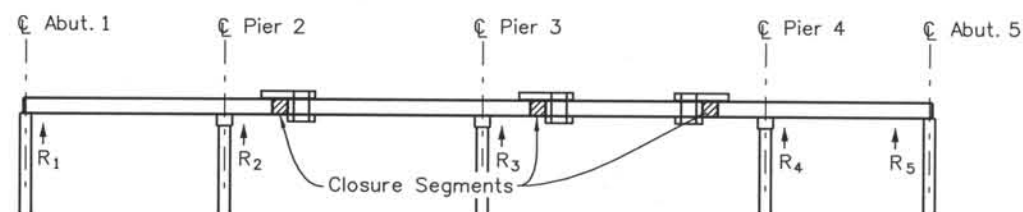
REACTIONS:
R₁ = 74 k
R₂ = 243 k
R₃ = 146 k
R₄ = 120 k
R₅ = 71 k



STAGE 5:

Attach strongbacks to Span 3 girders
Erect Span 3 girders

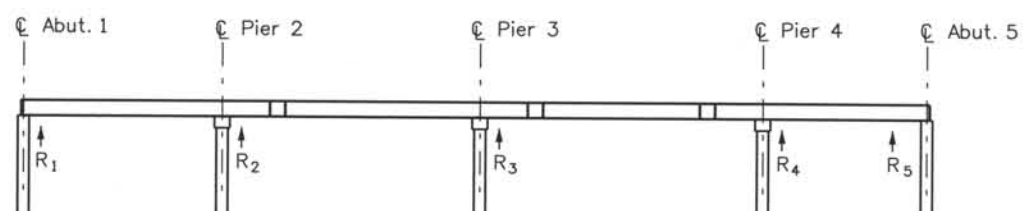
REACTIONS:
R₁ = 76 k
R₂ = 228 k
R₃ = 252 k
R₄ = 231 k
R₅ = 54 k



STAGE 6:

Cast closure segments
Cast diaphragms and anchorages at Abutments
and pier diaphragms

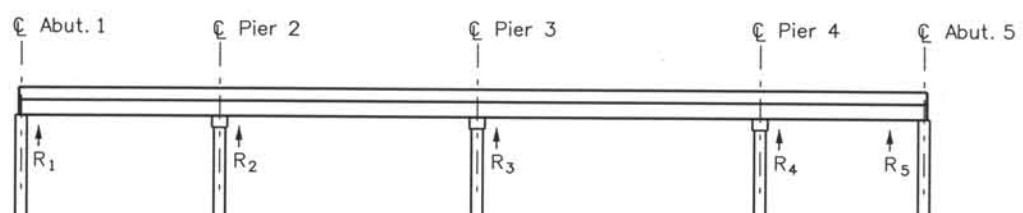
REACTIONS:
R₁ = 76 k
R₂ = 231 k
R₃ = 257 k
R₄ = 235 k
R₅ = 54 k



STAGE 7:

After diaphragms and closure segments reach a minimum compressive
strength of 4500 psi, stress tendons 1, 2 and 3.
Remove strongback supports

REACTIONS:
R₁ = 80 k
R₂ = 231 k
R₃ = 238 k
R₄ = 256 k
R₅ = 45 k



STAGE 8:

Cast deck, sidewalks and barriers.

REACTIONS:
R₁ = 234 k
R₂ = 646 k
R₃ = 628 k
R₄ = 583 k
R₅ = 97 k

ERECTION NOTES:

- Erection procedures shown are schematic and are shown for the Contractor's convenience. The Contractor shall submit a detailed erection plan prior to the Engineer for review and approval prior to setting any girders.
- Falsework reactions must be verified by the Contractor.
- The Contractor shall design all strongbacks and temporary works necessary to safely erect the structure. All drawings and calculations shall be prepared by a Colorado Professional Engineer.
- All closures shall consist of Class D concrete with a minimum 28 strength of 4500 psi. Tendons may not be stressed until the closure concrete achieves the full 28 day strength.
- Refer to Post Tensioning notes for detailed stressing and grouting procedures.
- Refer to Bearing drawings for details on setting permanent bearings and leveling pads during erection.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
D	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



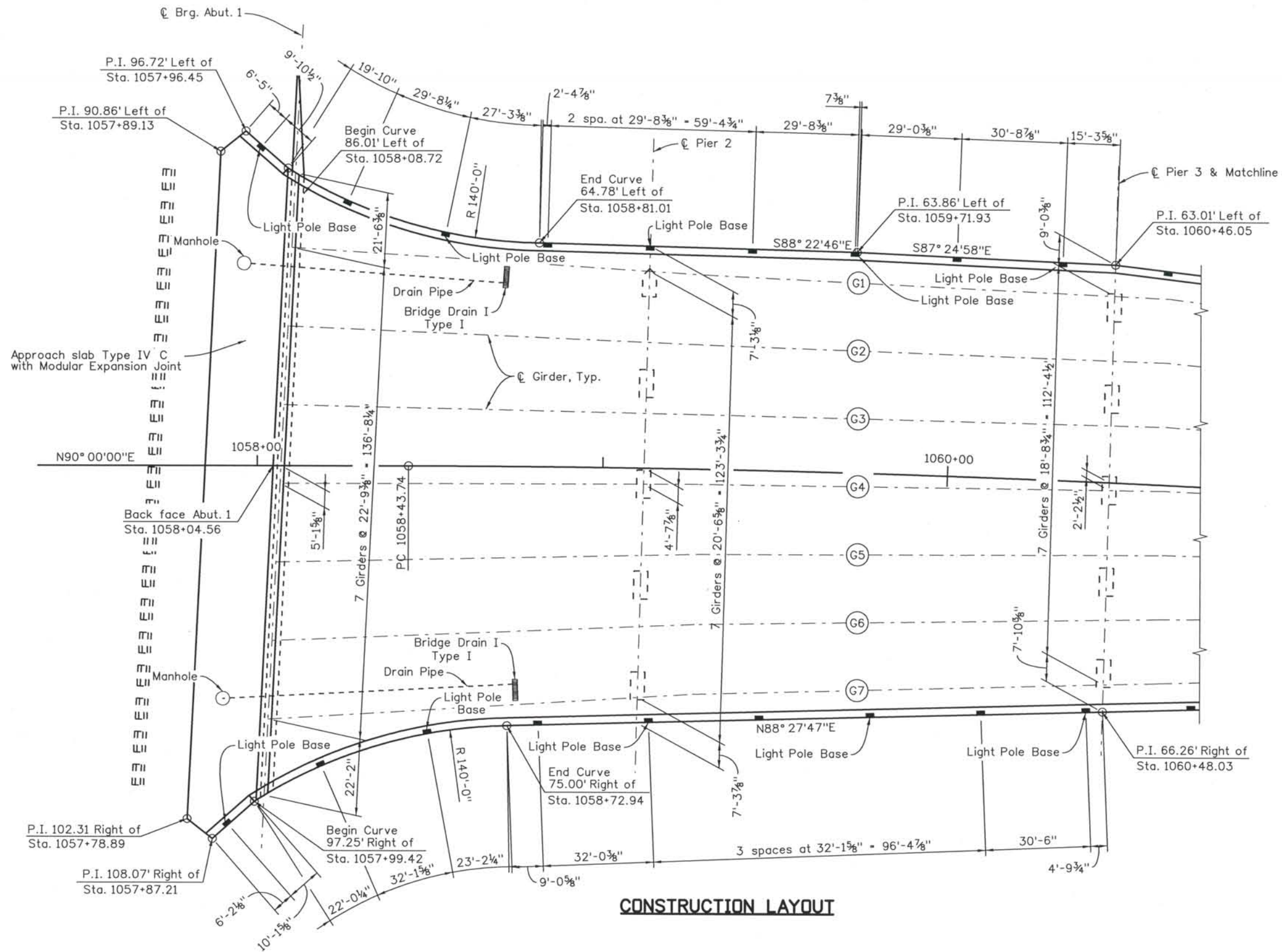
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONSTRUCTION SEQUENCE

File Name: DS1-BRBJ-CS01.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B4
 Structure Sheet No.: B4 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



CONSTRUCTION LAYOUT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:27:31 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: DScale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 24	02/08/07
3	APPROVED FOR CONSTRUCTION NDC No. 26	03/02/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



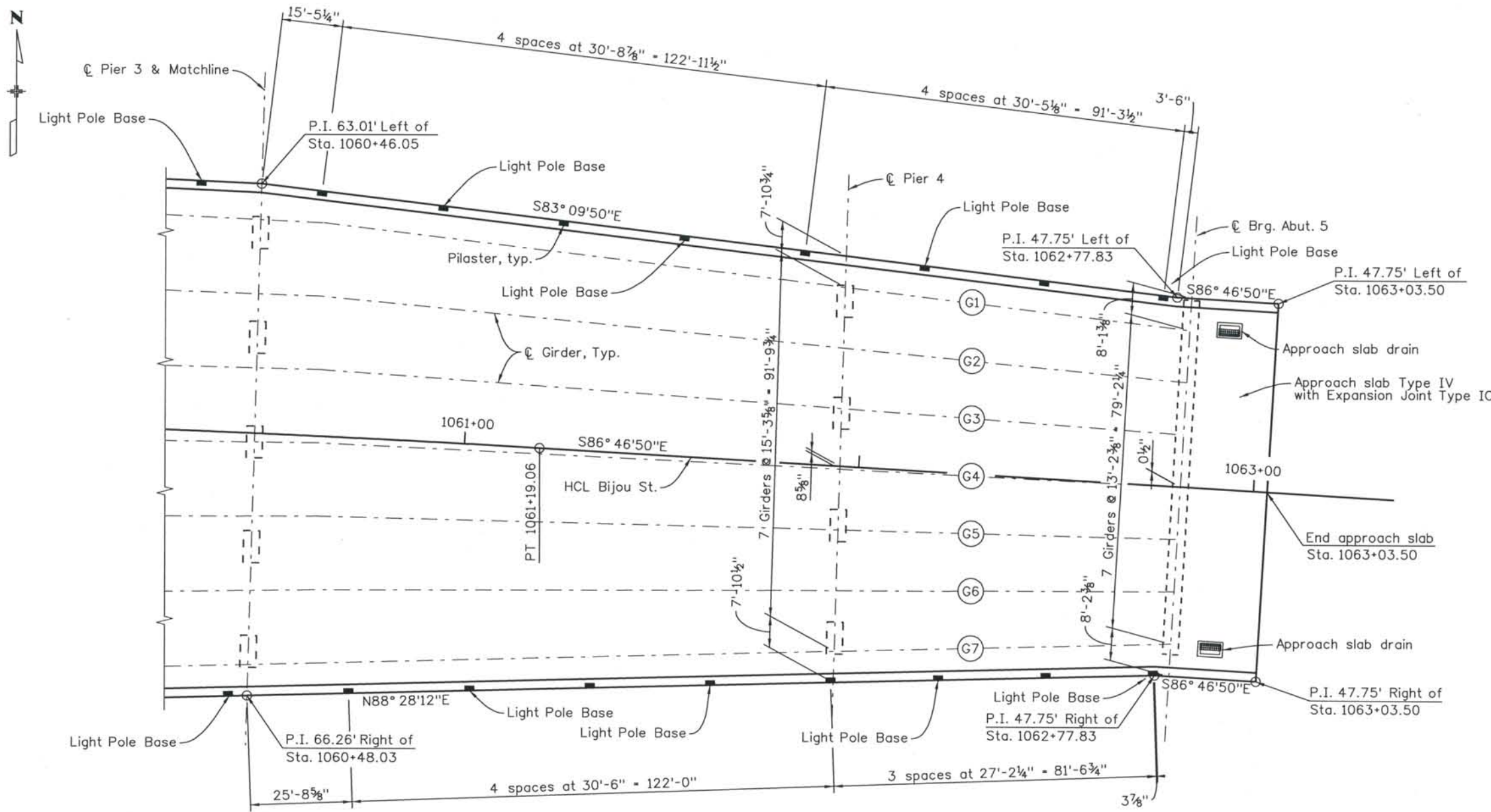
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONSTRUCTION LAYOUT
 1 OF 2

File Name: DS1-BRBJ-CLO1.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B5
 Structure Sheet No.: B5 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

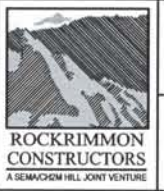


CONSTRUCTION LAYOUT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:27:36 AM
 Plotted By: skramer
 CAD Ver.: MicroStation VB 2004

327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
D	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 26	03/02/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

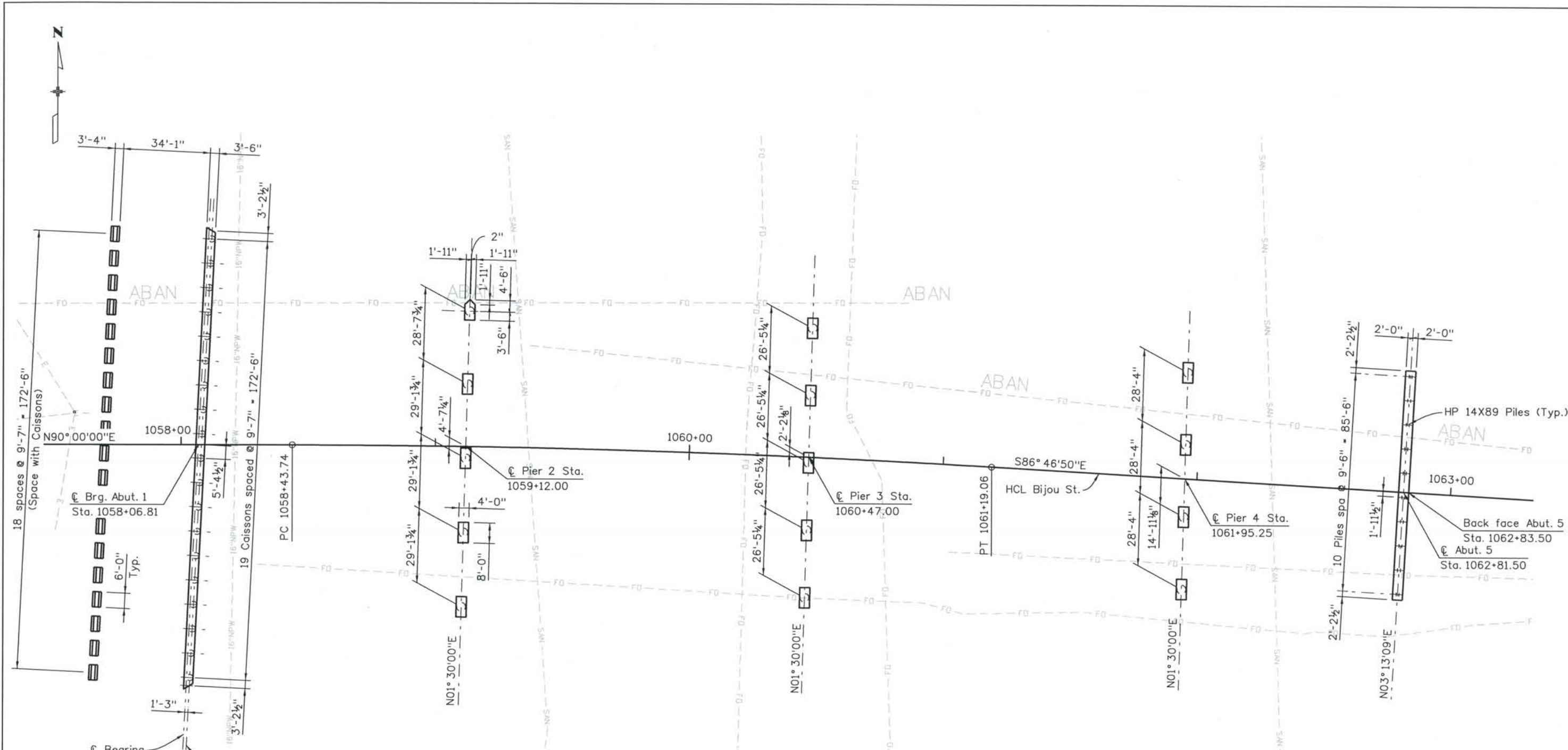


DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
CONSTRUCTION LAYOUT
 2 OF 2

File Name: DS1-BRBJ-CL02.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B6
 Structure Sheet No.: B6 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310



FOUNDATION LAYOUT

FOUNDATION DATA					
Location	Top of Caisson Elevation	Estimated Bedrock Elevation	As-Built Tip Elevation	As-Built Penetration into Bedrock	Ultimate Design Load (kips)
Abutment 1	5965	5957	5945	11	548
Pier 2	5968	5965	5925	39	2315
Pier 3	5986	5972	5934	38	2263
Pier 4	5990	5976	5932	44	2430
Abutment 5	--	5976	5971	5	366

ISSUE RECORD			
D.O.A.	NO.	DESCRIPTION	DATE
Designed By:			
Detailed By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
J.B.R.	2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
Checked By:	3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
J.A.K.	4	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 FOUNDATION LAYOUT

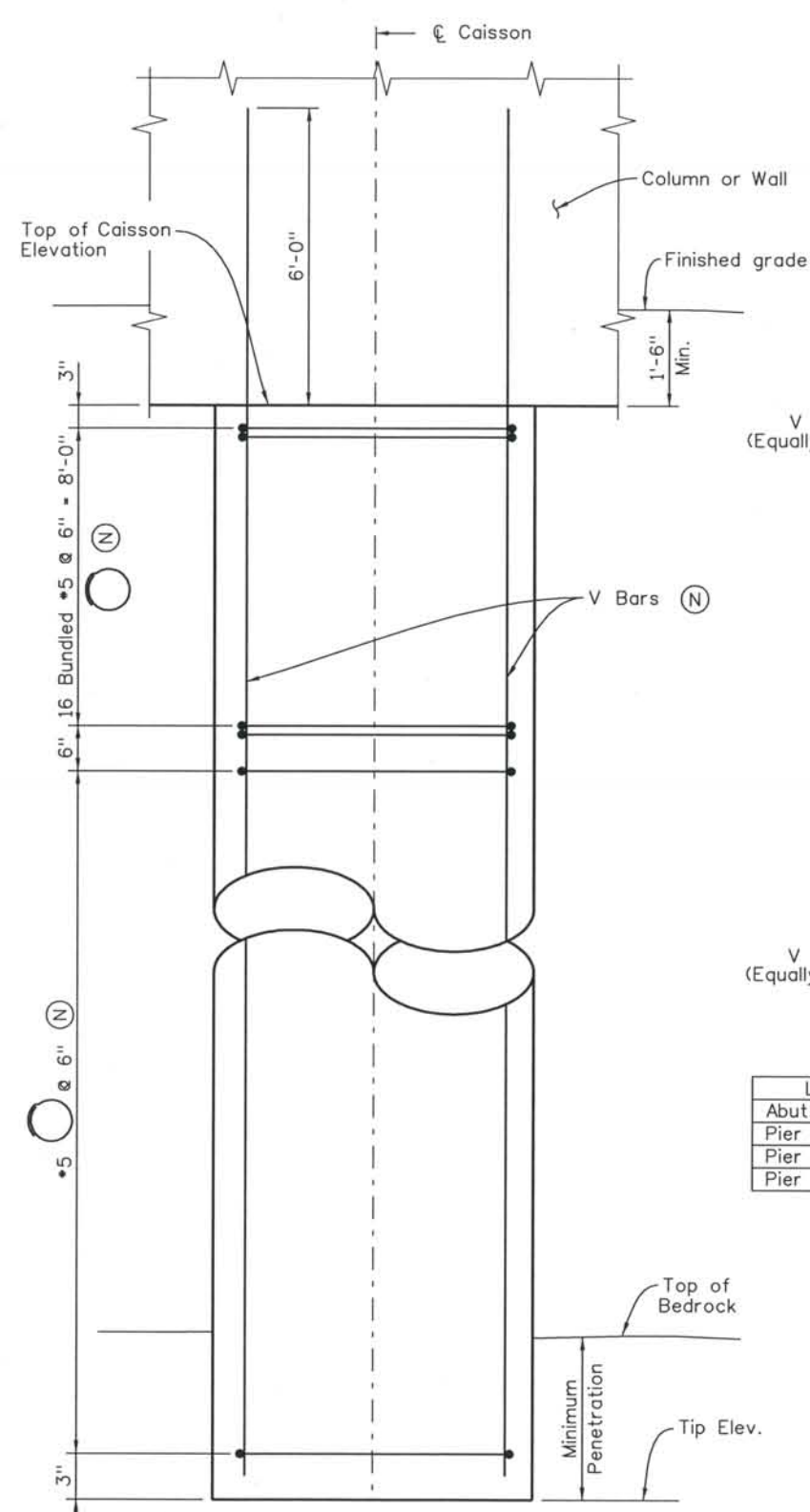
File Name: DS1-BRBJ-FD01.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B7
 Structure Sheet No.: B7 of 59

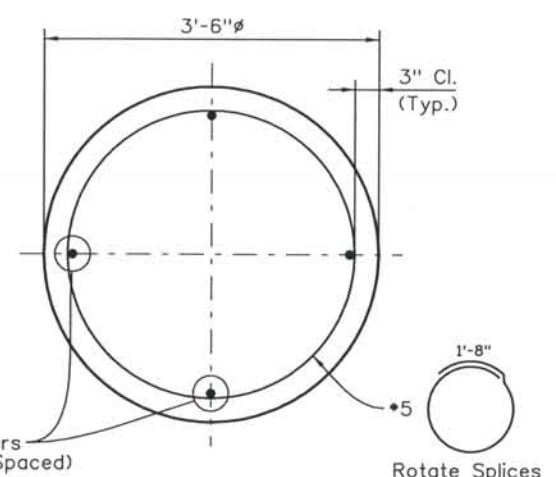
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

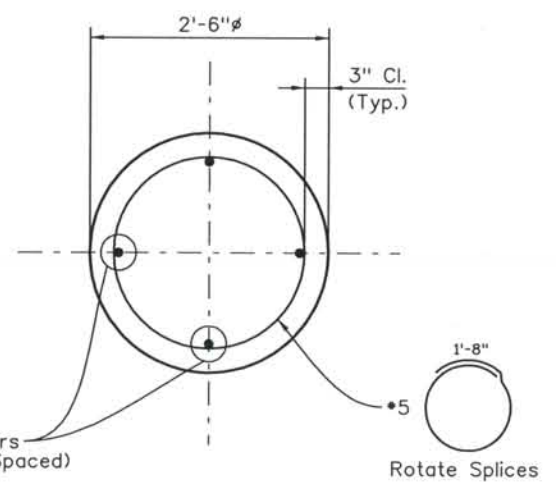
Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:27:43 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: DScale
 Units: US Survey Foot



ELEVATION - ABUT. 1 & PIERS



SECTION AT PIERS



SECTION AT ABUT. 1

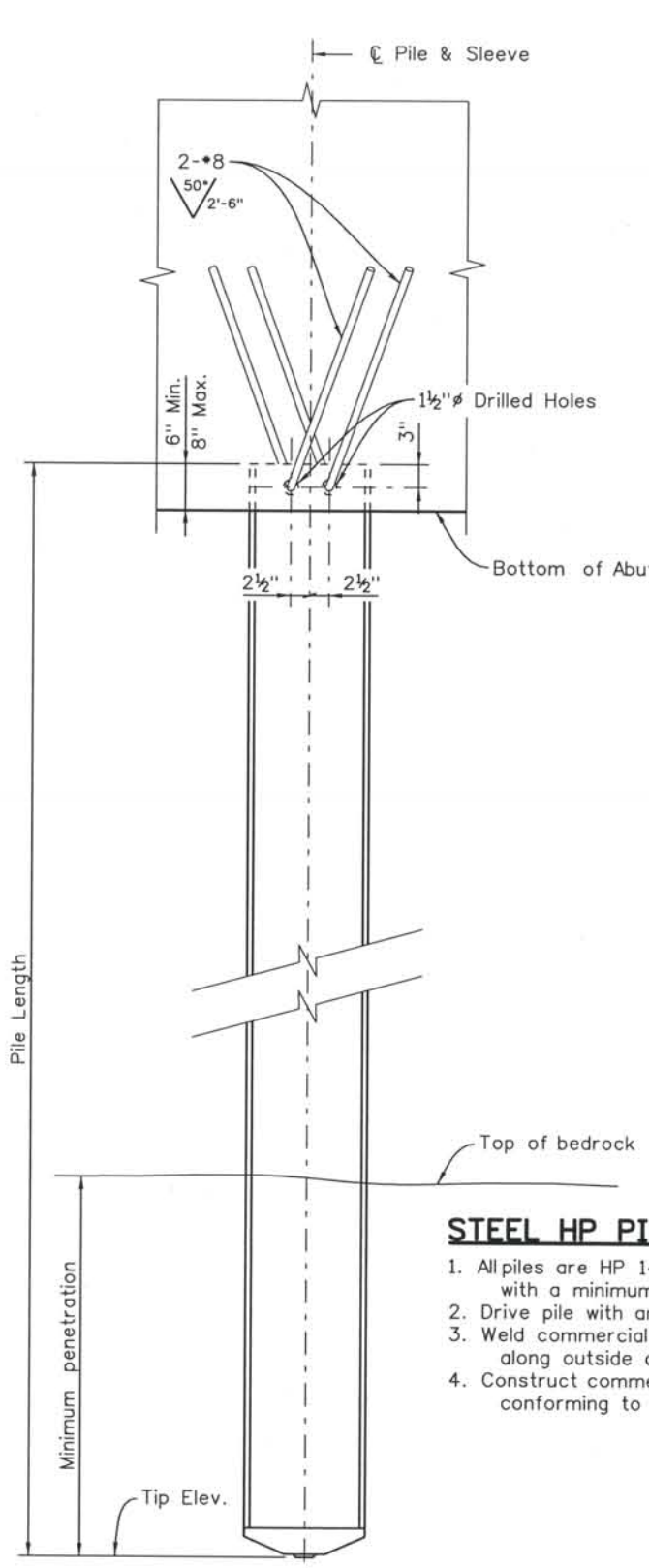
Location	V Bars (total)	V Bars (size)
Abut. 1	14	#10
Pier 2	18	#11
Pier 3	18	#11
Pier 4	18	#11

DRILLED CAISSON NOTES:

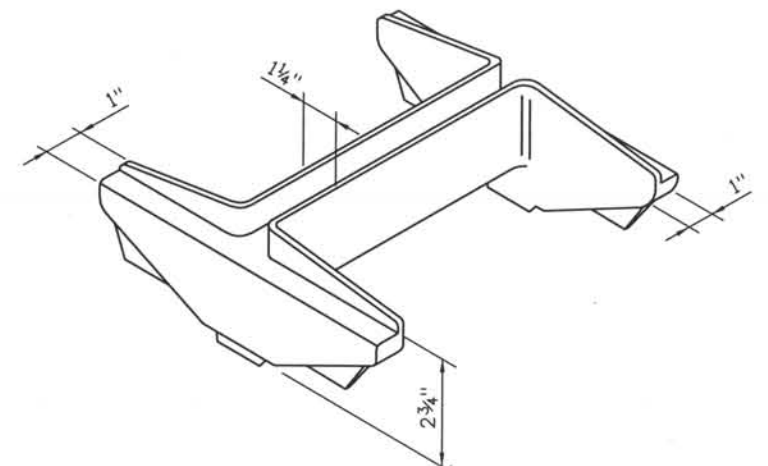
1. Caisson concrete shall be concrete Class BZ.
2. Use 6'-6" splice length for #11 bar and stagger all splices.
3. Use 5'-2" splice length for #10 and stagger all splices.
4. Caisson reinforcing is to extend full depth of drilled hole.
5. (N) - denotes non-epoxy coated reinf.

CAISSON DESIGN DATA

Ultimate end bearing 210 ksf $\phi = 0.65$
 Ultimate side shear 4.5 ksf $p = 0.65$



ELEVATION - ABUTMENT 5



PILE TIP DETAIL

STEEL HP PILE NOTES:

1. All piles are HP 14X89 and shall conform to AASHTO M270 with a minimum yield strength of 50 ksi.
2. Drive pile with an APE D30-32 diesel hammer.
3. Weld commercial pile tip to all piling with a 5/16" single groove weld along outside of pile flanges.
4. Construct commercial pile tip with one-piece of cast steel conforming to ASTM A148 80/50 - Heat Treated (Min.).

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



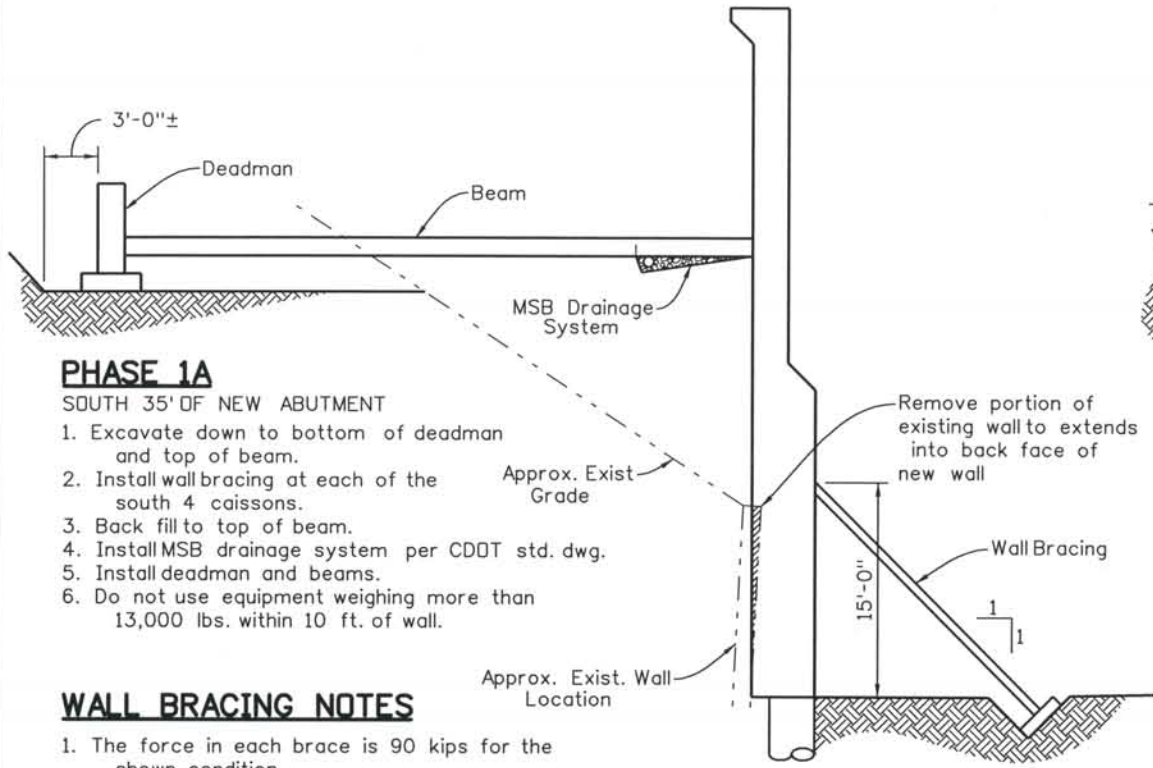
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CAISSON AND DRIVEN PILE DETAILS

File Name: DS1-BRBJ-PD01.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B8
 Structure Sheet No.: B8 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



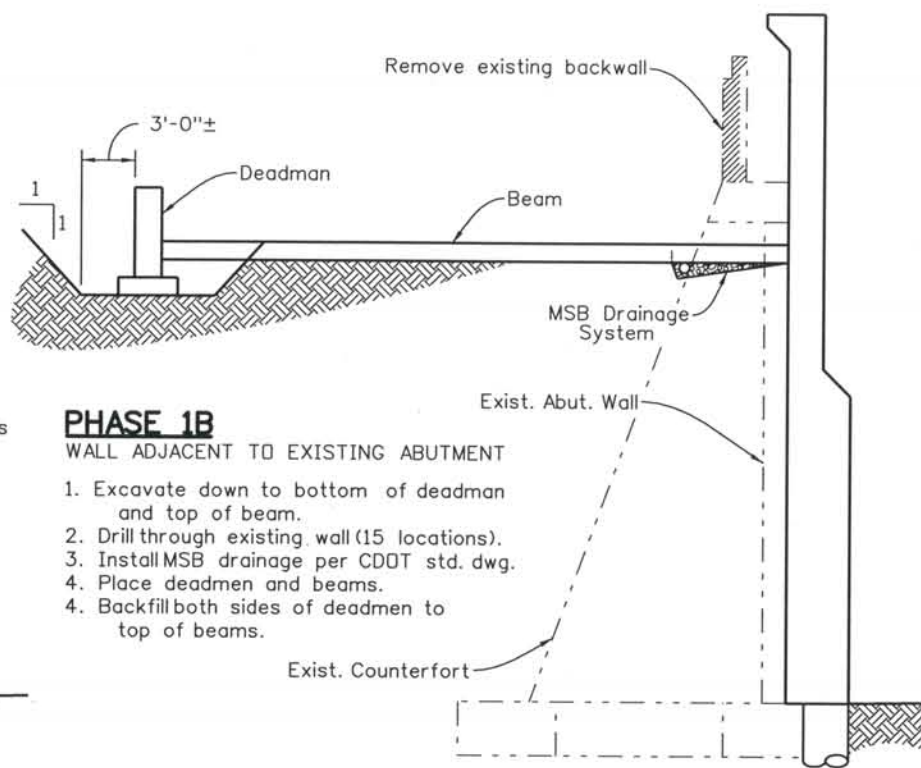
PHASE 1A

SOUTH 35' OF NEW ABUTMENT

1. Excavate down to bottom of deadman and top of beam.
2. Install wall bracing at each of the south 4 caissons.
3. Back fill to top of beam.
4. Install MSB drainage system per CDDT std. dwg.
5. Install deadman and beams.
6. Do not use equipment weighing more than 13,000 lbs. within 10 ft. of wall.

WALL BRACING NOTES

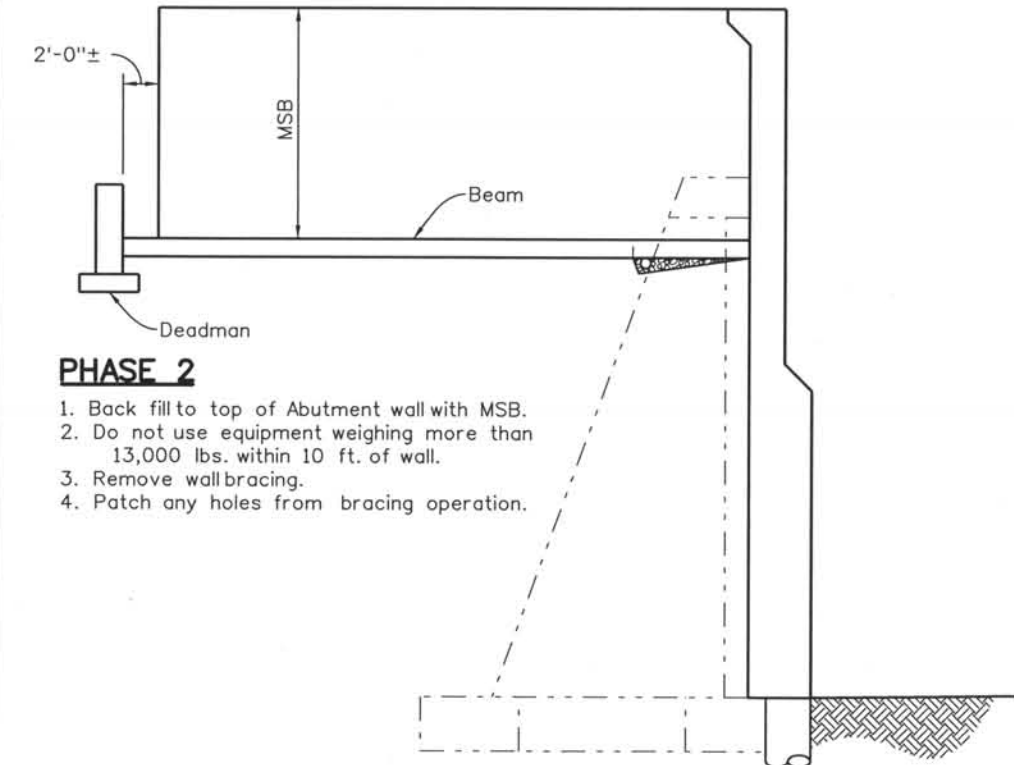
1. The force in each brace is 90 kips for the shown condition.
2. The maximum deflection at the location of the brace is 1/4".
3. The bracing shall be designed by a Colorado registered P.E.



PHASE 1B

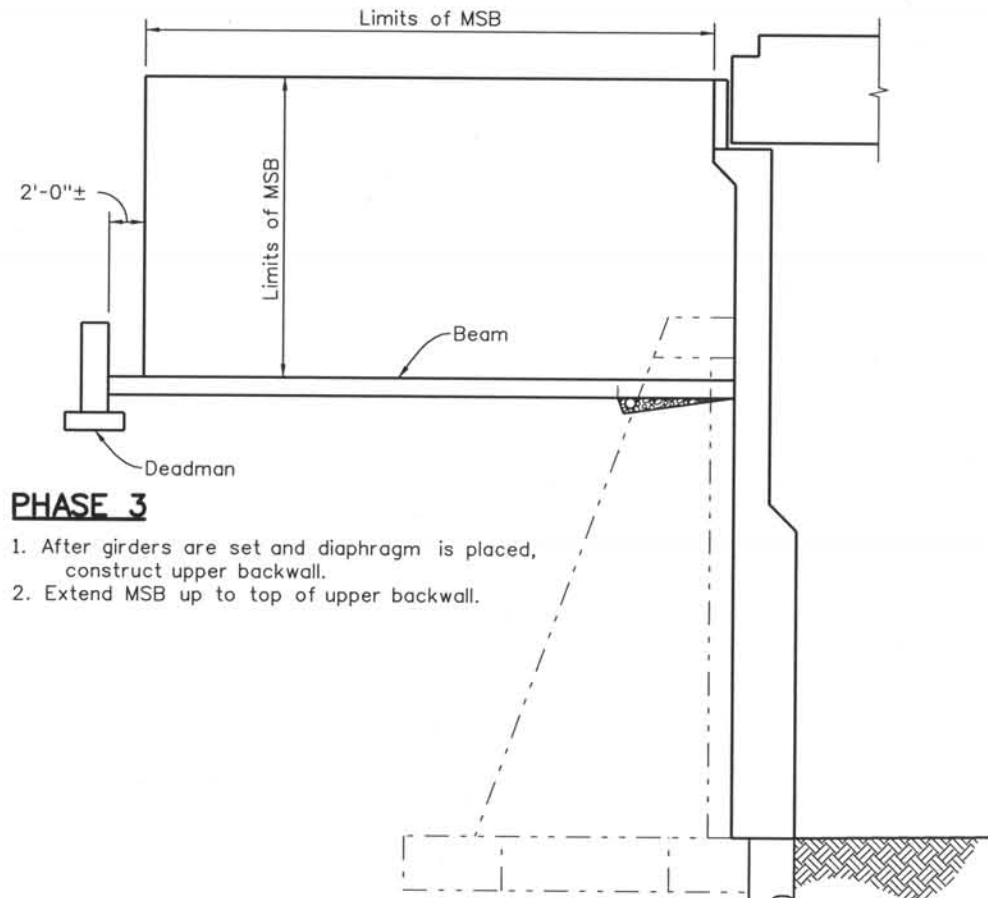
WALL ADJACENT TO EXISTING ABUTMENT

1. Excavate down to bottom of deadman and top of beam.
2. Drill through existing wall (15 locations).
3. Install MSB drainage per CDDT std. dwg.
4. Place deadmen and beams.
4. Backfill both sides of deadmen to top of beams.



PHASE 2

1. Back fill to top of Abutment wall with MSB.
2. Do not use equipment weighing more than 13,000 lbs. within 10 ft. of wall.
3. Remove wall bracing.
4. Patch any holes from bracing operation.

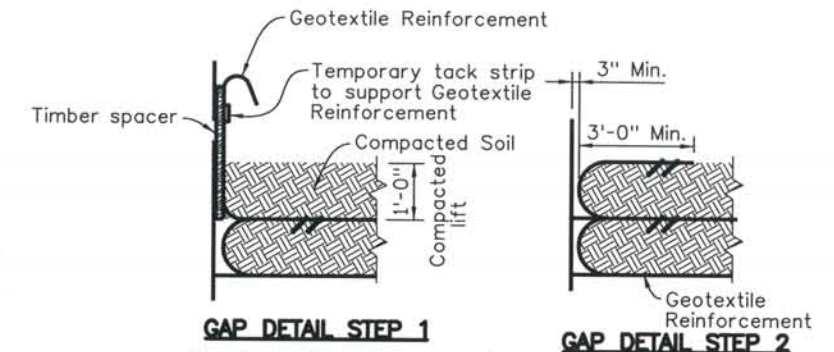


PHASE 3

1. After girders are set and diaphragm is placed, construct upper backwall.
2. Extend MSB up to top of upper backwall.

NOTES:

1. Backfill below elevation 5990.0 shall be Structure Backfill (Class 1). Backfill above elevation 5990.0 shall be Structure Backfill (Class 1) with Mechanically Stabilized Backfill (MSB). Refer to Project Standard Drawing STD-BB2 as modified by this sheet.
2. Class 1 Structure Backfill shall be in compliance with CDDT Standard Specification 206.
3. The woven geotextile shall provide a minimum average roll value (MARV) tensile strength of 400 lb/in per ASTM D4595.
4. The geotextile reinforcement shall be handled and installed similar to geotextile separator described in CDDT Standard Specification 420.



GAP DETAIL STEP 1

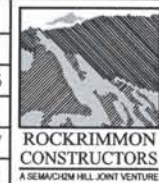
GAP DETAIL STEP 2

The Geotextile Reinforcement wrap at Back Face of Abutment shall be temporarily hung with a spacer board and tack strip. After reaching a total of 1'-0" compacted lift, the tack strip shall be removed and Geotextile Reinforcement shall be pulled back slack free with its end anchored to soil underneath with staples or pins before the spacer board is pulled. Any alternate method to maintain the minimum gap between Abutment Concrete and Reinforced Soil may be proposed to the Engineer for approval.

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:27:46 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/32 at 11x17 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 1 CONSTRUCTION SEQUENCE

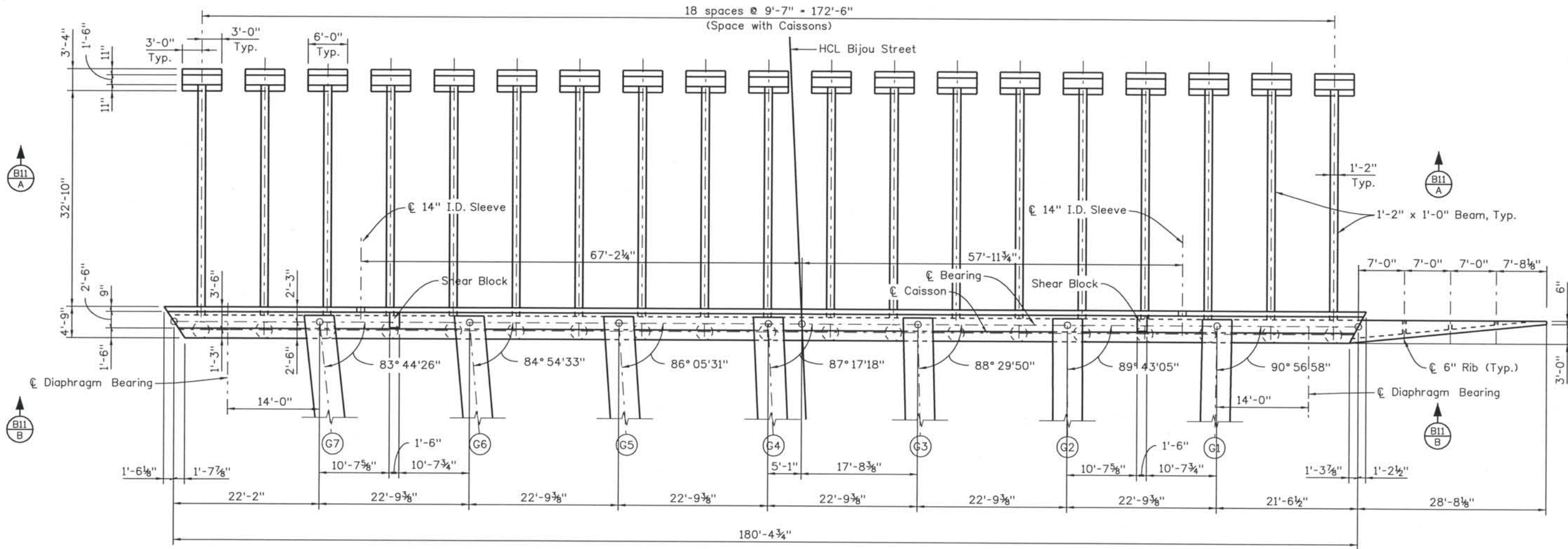
File Name: DS1-BRBJ-CS02.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B9
 Structure Sheet No.: B9 OF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:27:50 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/16 at 11x17 Units: US Survey Foot



PLAN

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



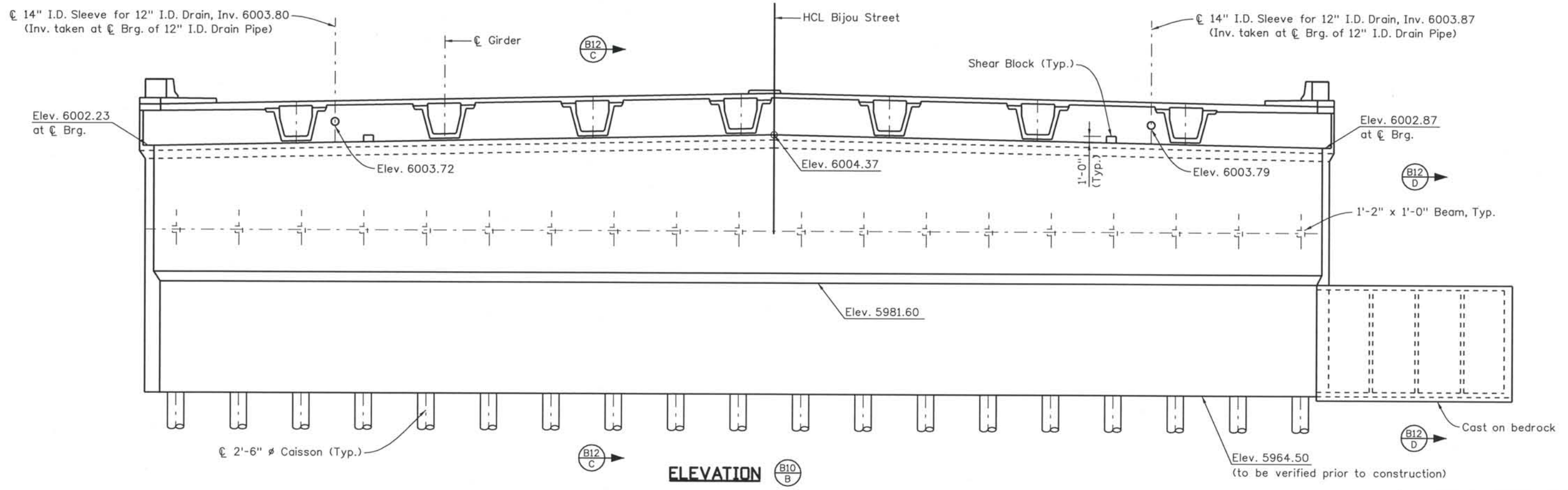
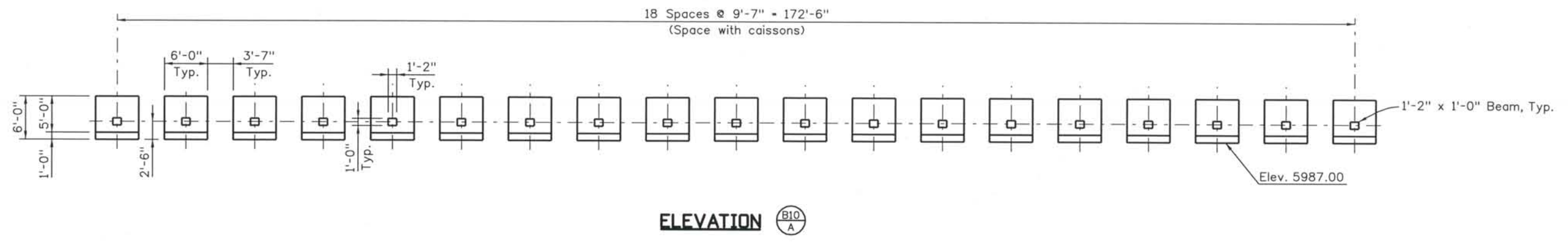
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 ABUTMENT 1 DIMENSIONS
 1 OF 3

File Name: DSI-BRBJ-AB101.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B10
 Structure Sheet No.: B10 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:27:53 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/16 at 11x17 Units: US Survey Foot

NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 1 DIMENSIONS
 2 OF 3

File Name: DS1-BRBJ-AB102.dgn
 Structure Number: CSG-G15-08.84A

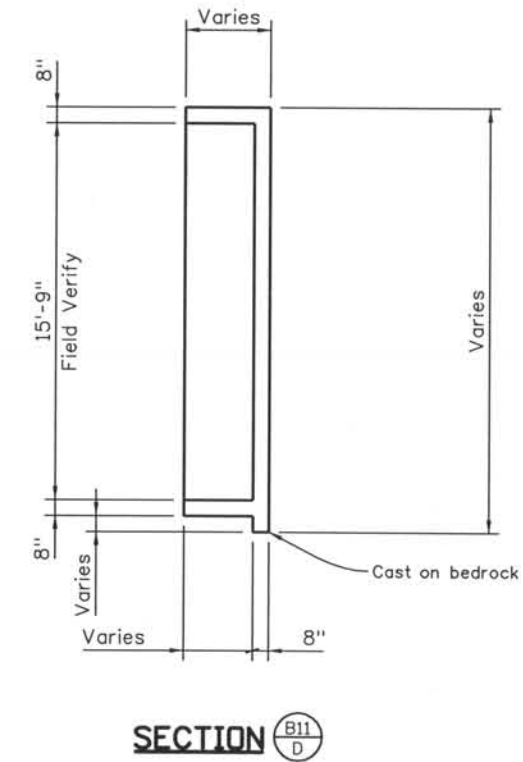
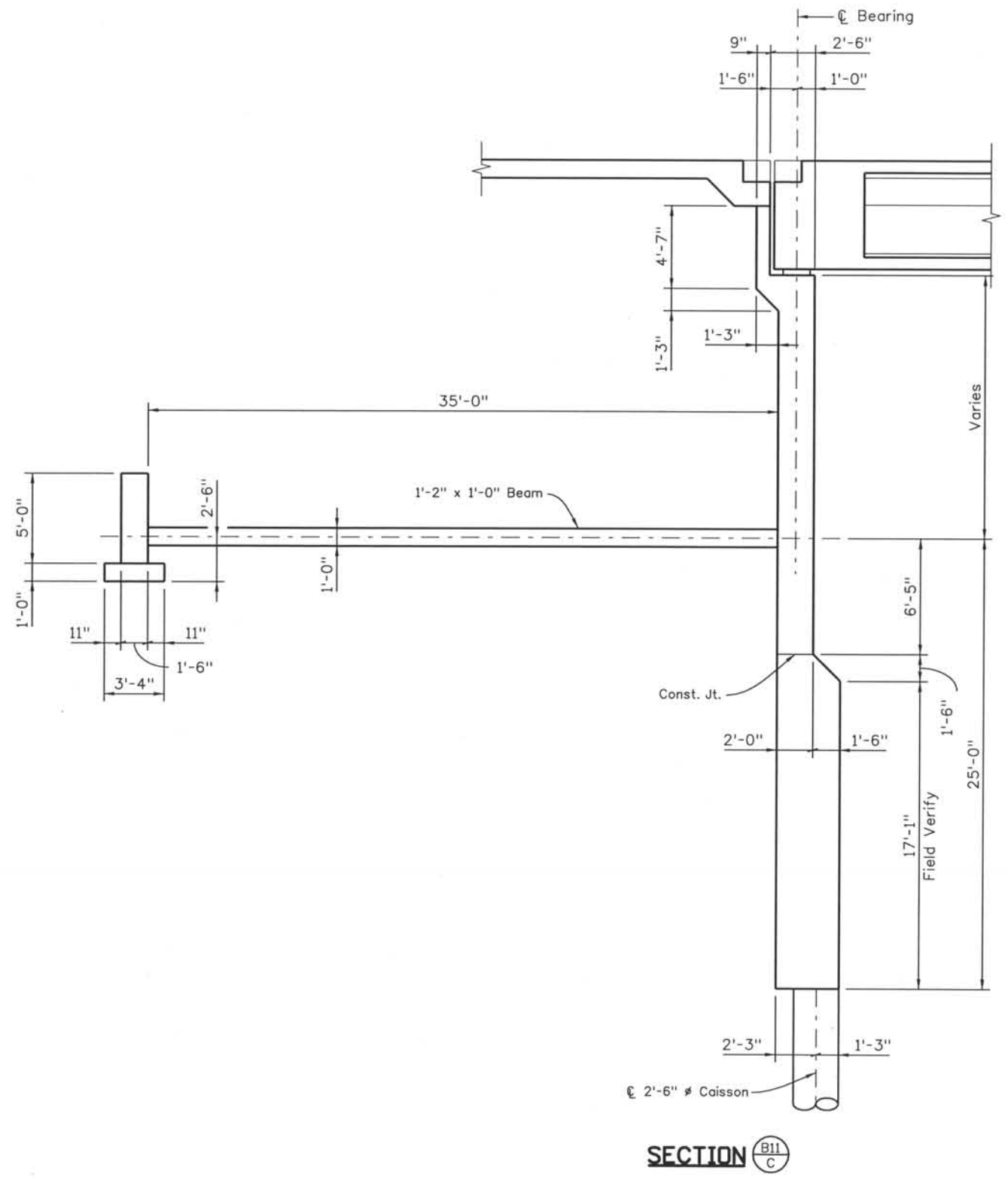
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B11
 Structure Sheet No.: B11 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:27:56 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/06
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



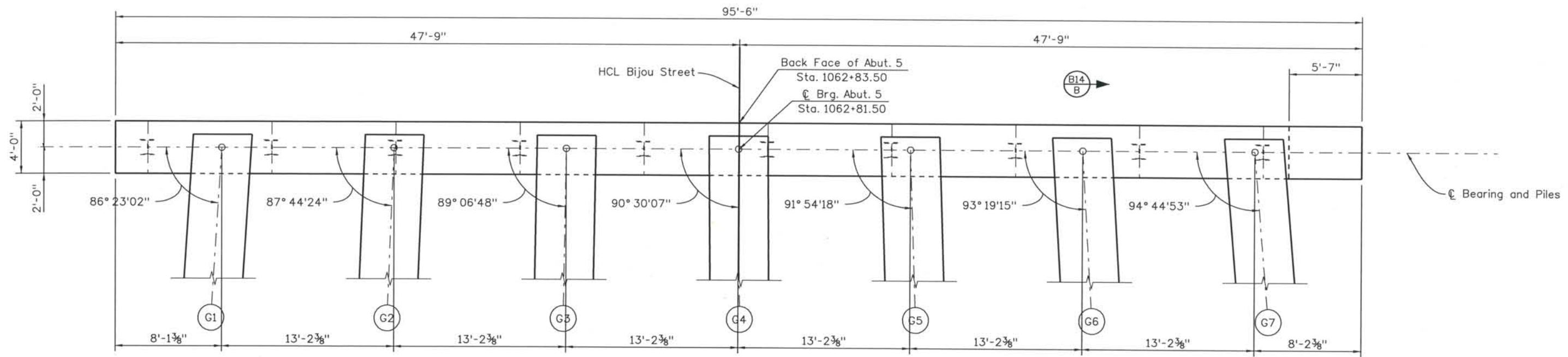
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 ABUTMENT 1 DIMENSIONS
 3 OF 3

File Name: DS1-BRBJ-AB103.dgn
 Structure Number: CSG-G.15-08.84A

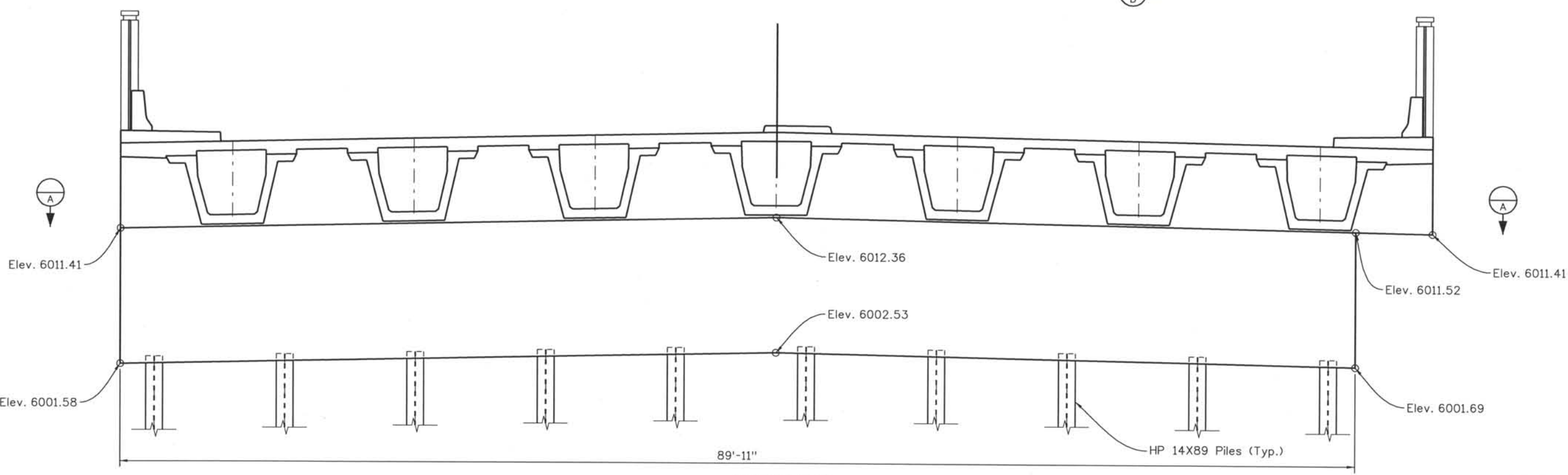
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B12
 Structure Sheet No.: B12 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION A



ELEVATION

NOTES:
 1. For pile size and spacing, see Foundation Layout, Sheet No. B7.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:27:58 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	90% DESIGN SUBMITTAL	04/24/06	
C	UPRR REVIEW - 90% SUBMITTAL	05/09/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



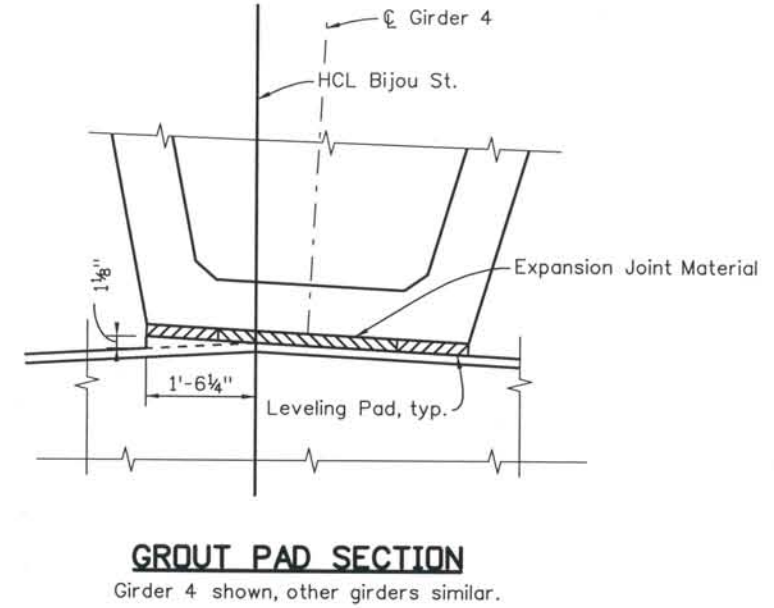
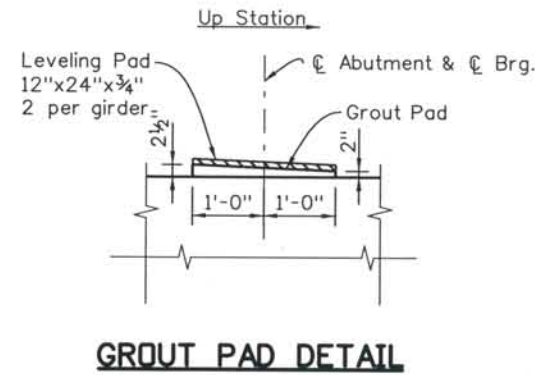
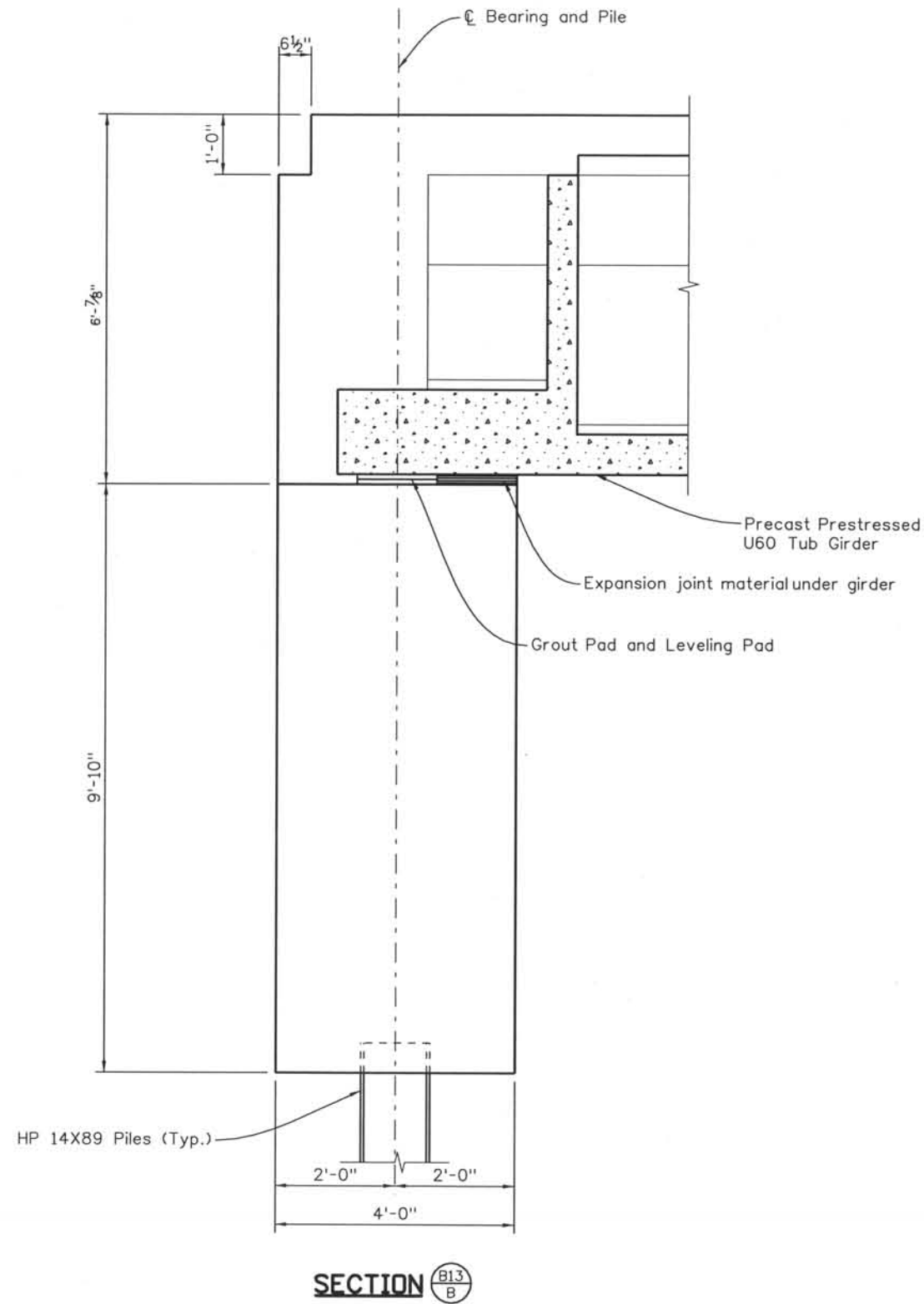
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 5 DIMENSIONS
 1 OF 2

File Name: DS1-BRBJ-AB301.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B13
 Structure Sheet No.: B13 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Note
Do not backfill abutment until abutment diaphragm has reached a minimum compressive strength of 4000 psi. Abutment wall to remain braced until strength is achieved.

Computer File Information

Date Plotted: 9/3/2008
Time Plotted: 10:28:02 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004
Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	90% DESIGN SUBMITTAL	04/24/06
C	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 5 DIMENSIONS
2 OF 2

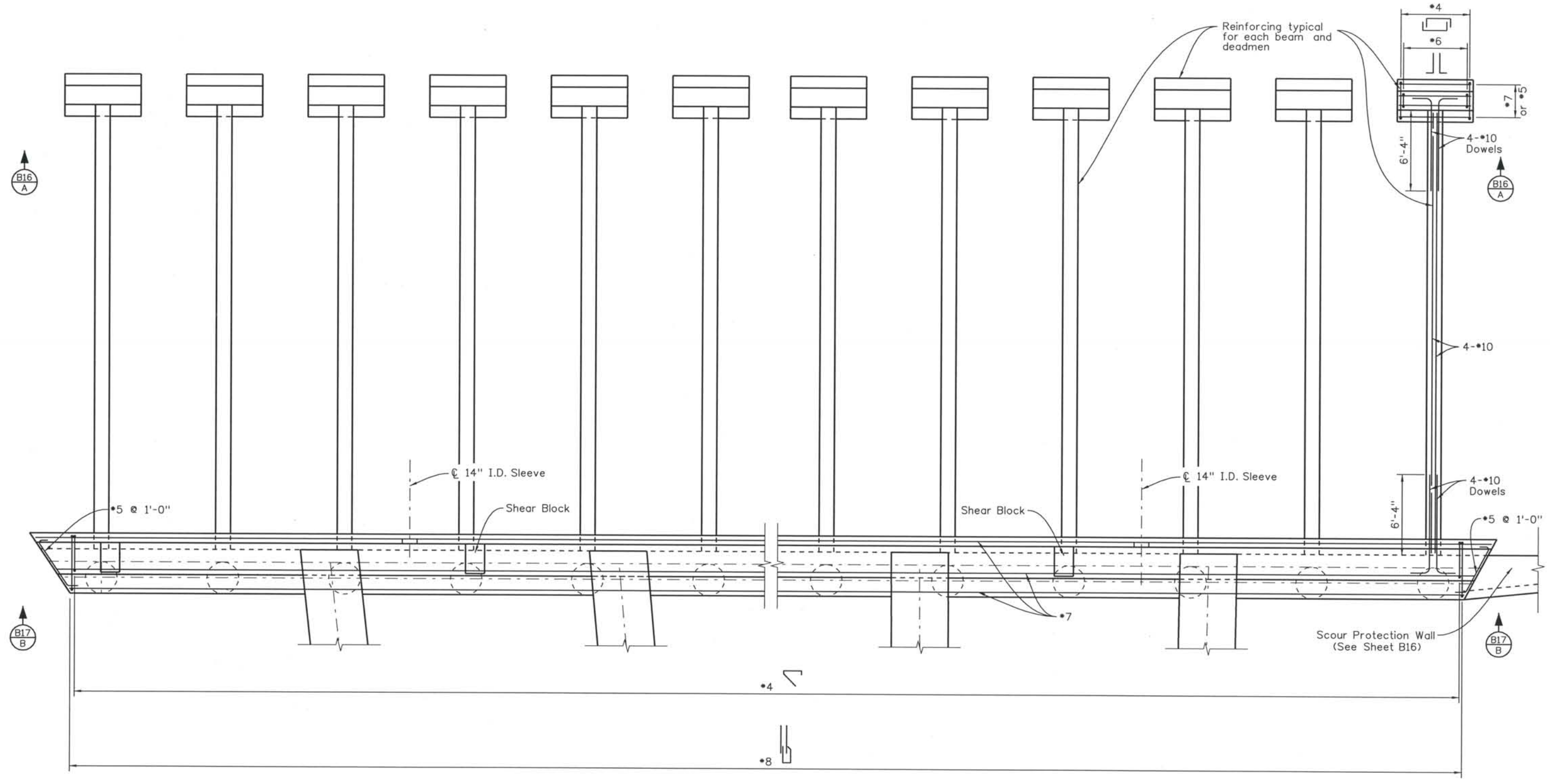
File Name: DSI-BRBJ-AB302.dgn
Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
Project Dwg. No.: DSI-BJ-B14
Structure Sheet No.: B14 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:05 AM
 Plotted By: skromer
 CAD Ver.: MicroStation VB 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/8 at 11x17 Units: US Survey Foot



PLAN

NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 1 REINFORCEMENT
 1 OF 4

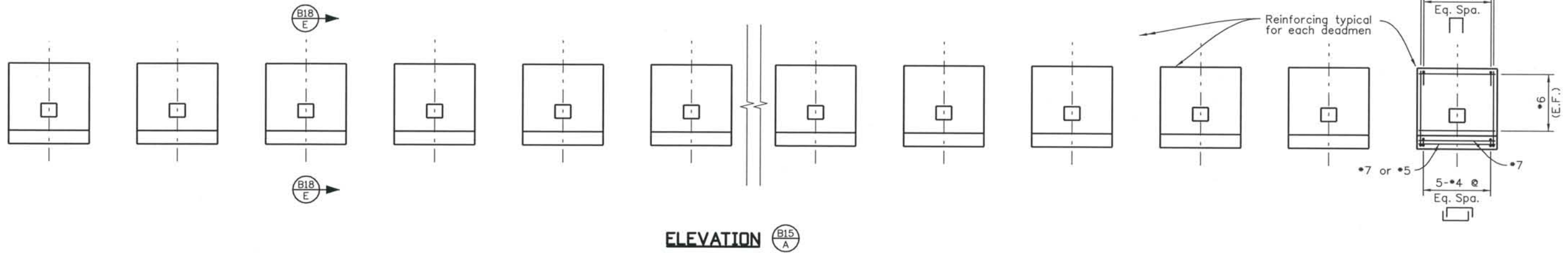
File Name: DS1-BRBJ-AB201.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B15
 Structure Sheet No.: B15 of 59

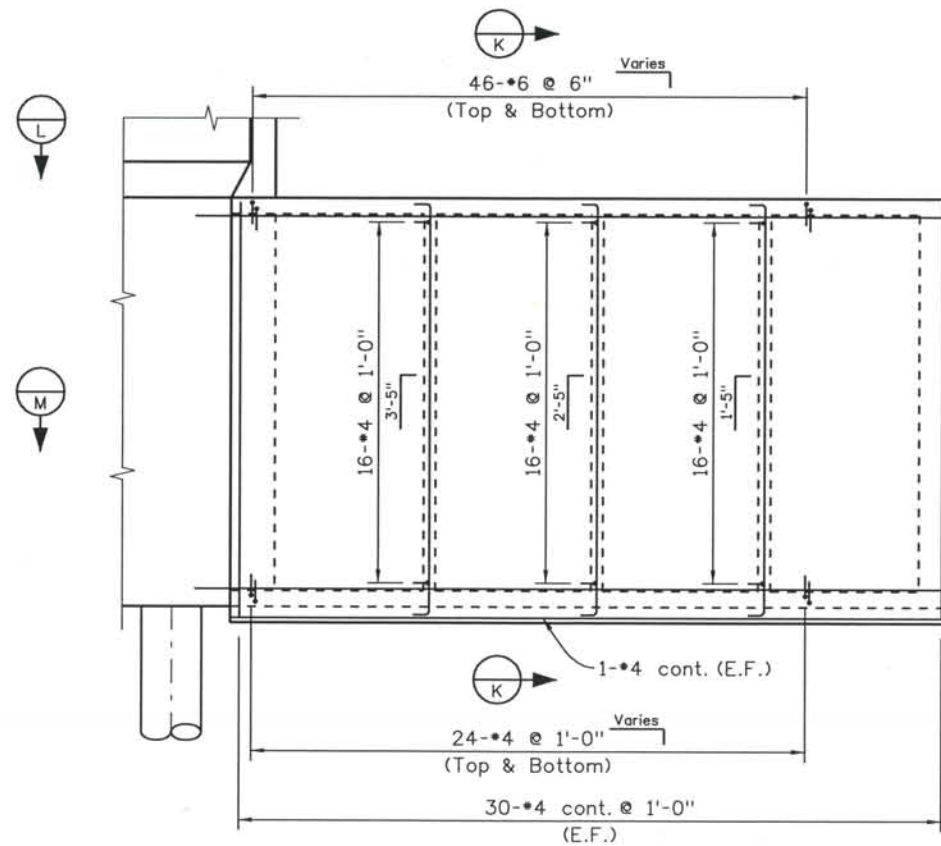
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

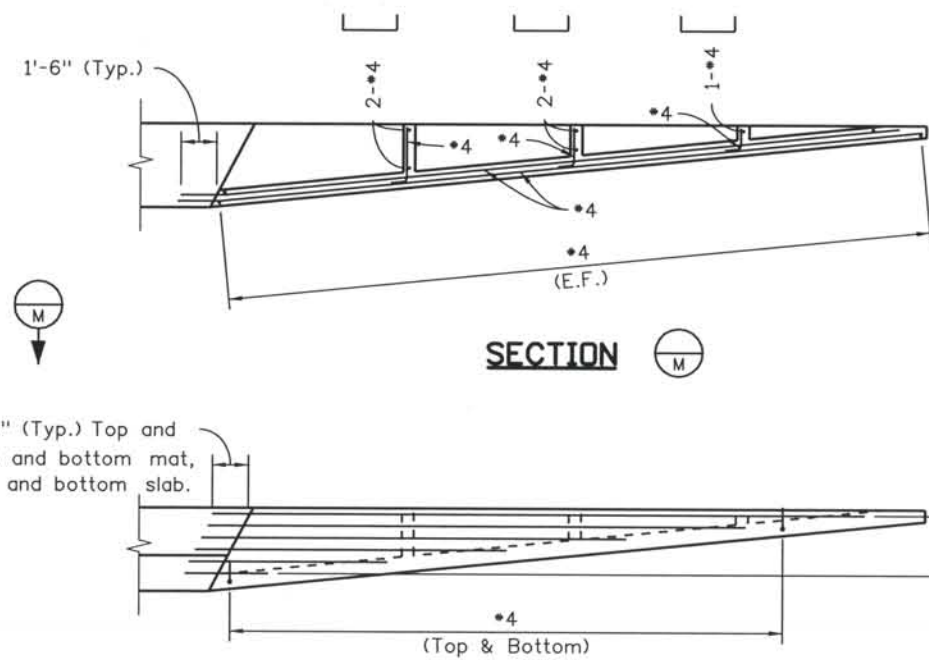
Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:07 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot



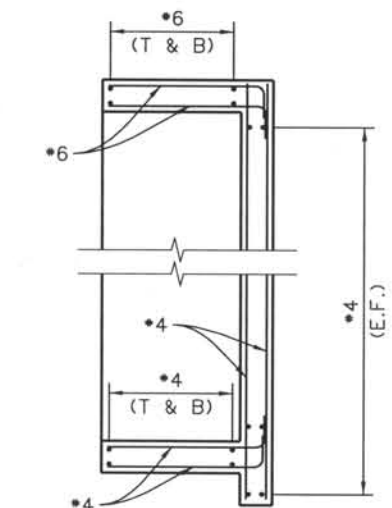
ELEVATION B15 A



ELEVATION - SCOUR PROTECTION WALL



SECTION M



SECTION K

NOTES:

1. Concrete cover shall be 2" unless noted otherwise.
2. All reinforcement on this sheet is (N).

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 ABUTMENT 1 REINFORCEMENT
 2 OF 4

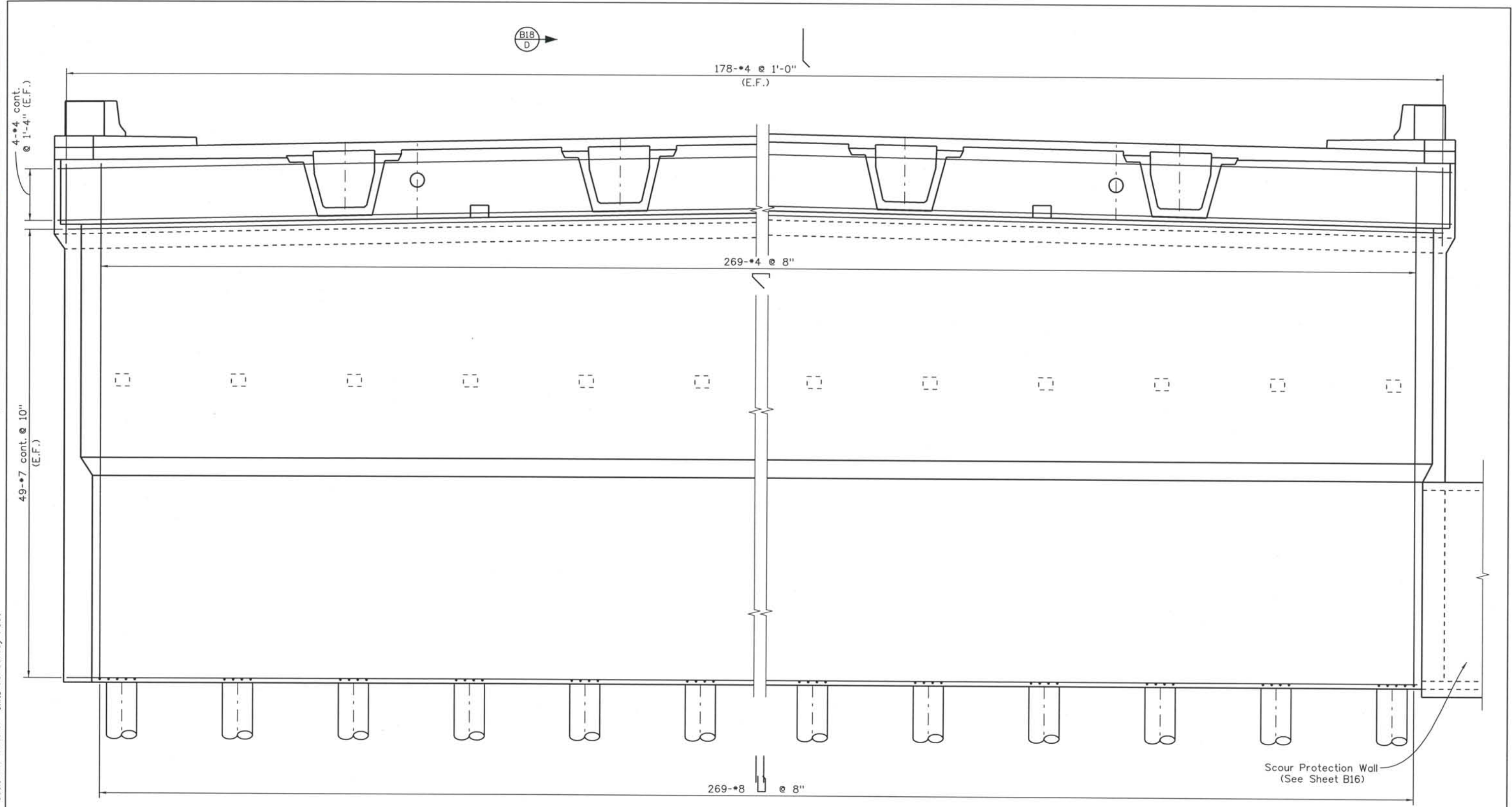
File Name: DS1-BRBJ-AB202.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B16
 Structure Sheet No.: B16 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/3/2008
 Time Plotted: 10:28:10 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/8 at 11x17 Units: US Survey Foot



ELEVATION

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 ABUTMENT 1 REINFORCEMENT
 3 OF 4

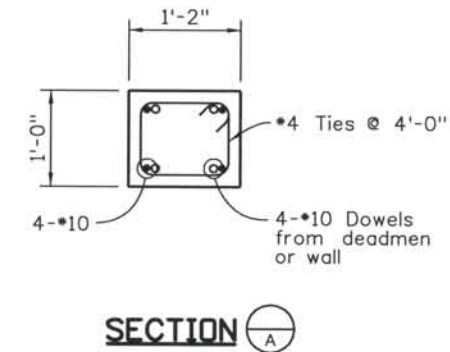
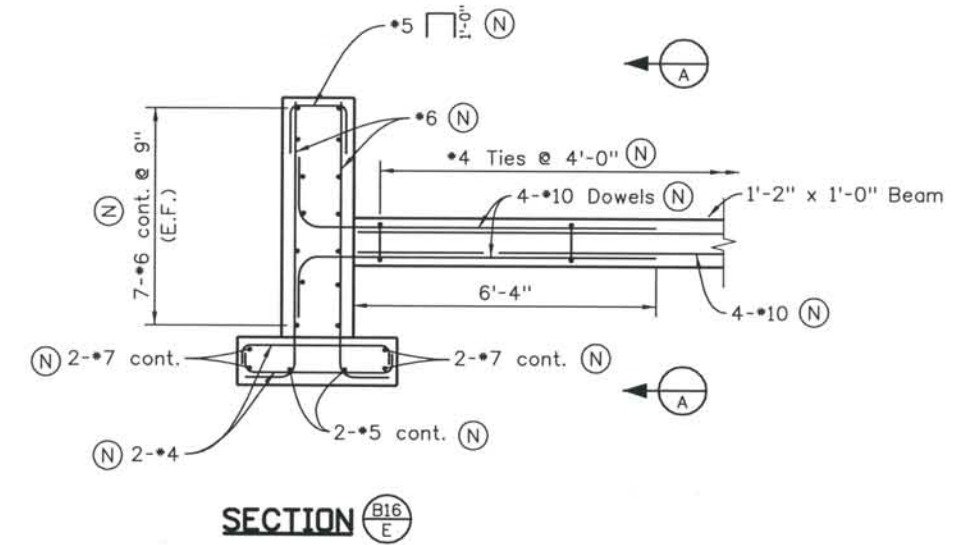
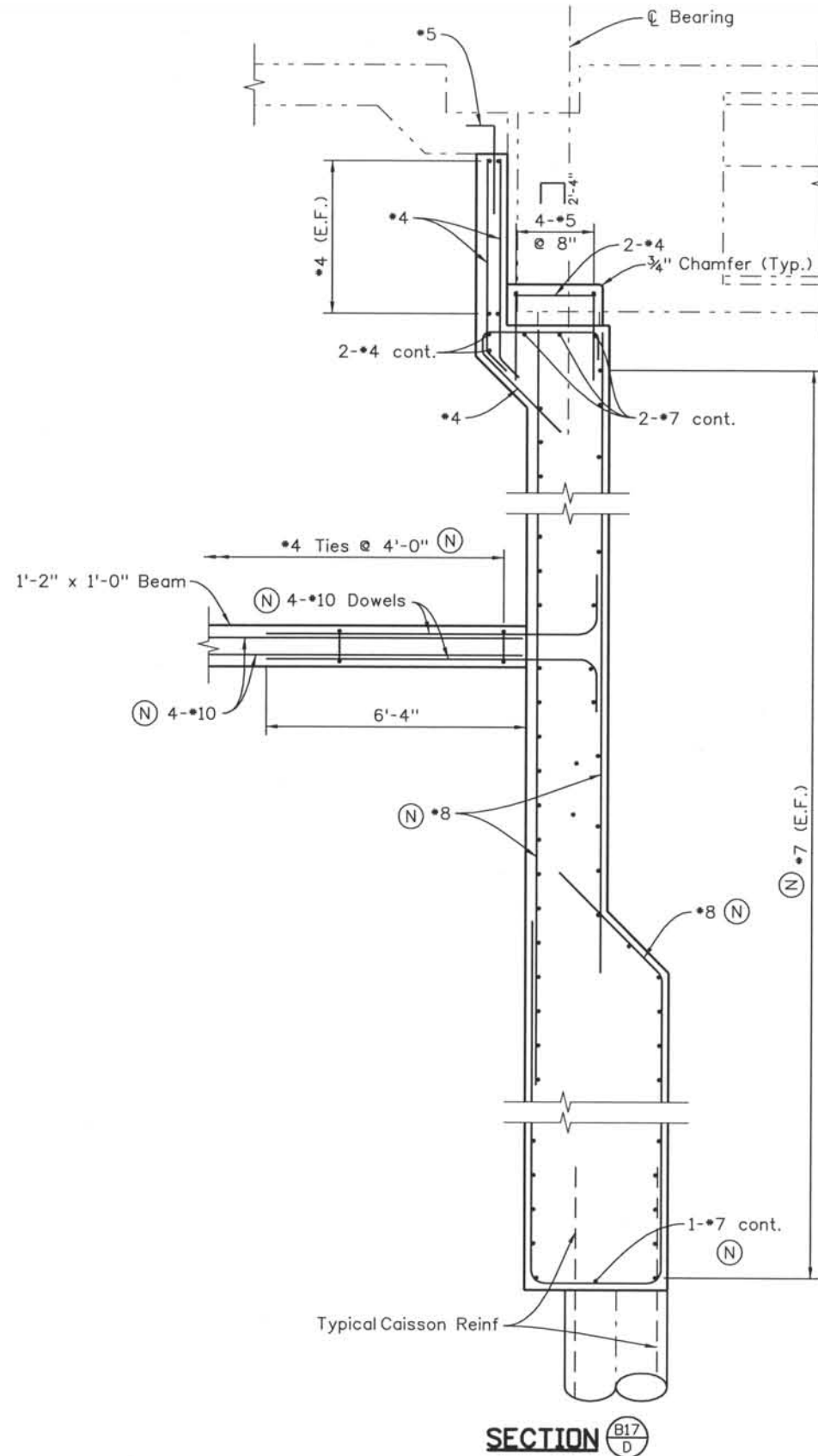
File Name: DS1-BRBJ-AB203.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B17
 Structure Sheet No.: B17 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

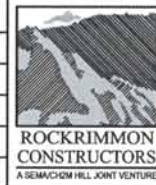
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:13 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/4 at 11x17 Units: US Survey Foot



- NOTES:
- Concrete cover shall be 2" unless noted otherwise.
 - (N) - Denotes non-epoxy coated reinforcement.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION SUBMITTAL RFI 270	01/05/07
3	APPROVED FOR CONSTRUCTION NDC No. 28	04/25/07
4	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 1 REINFORCEMENT
 4 OF 4

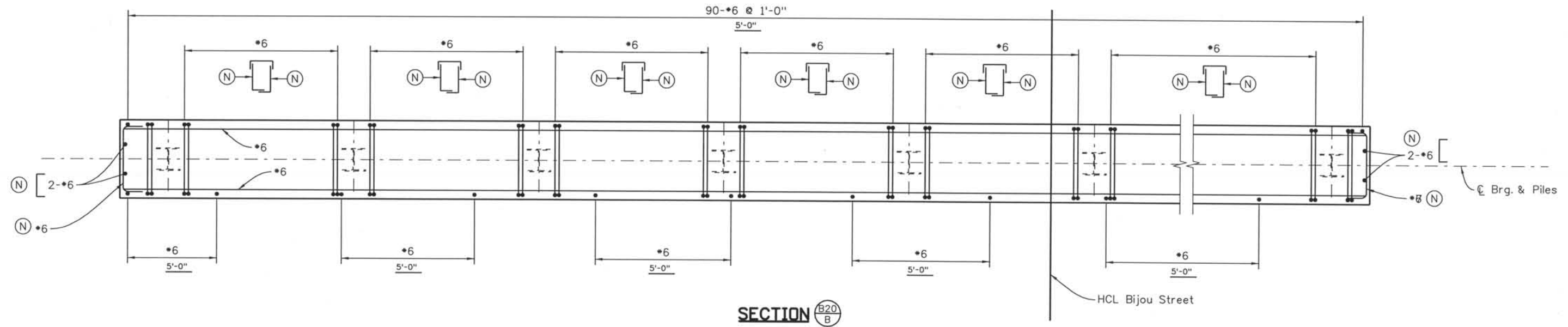
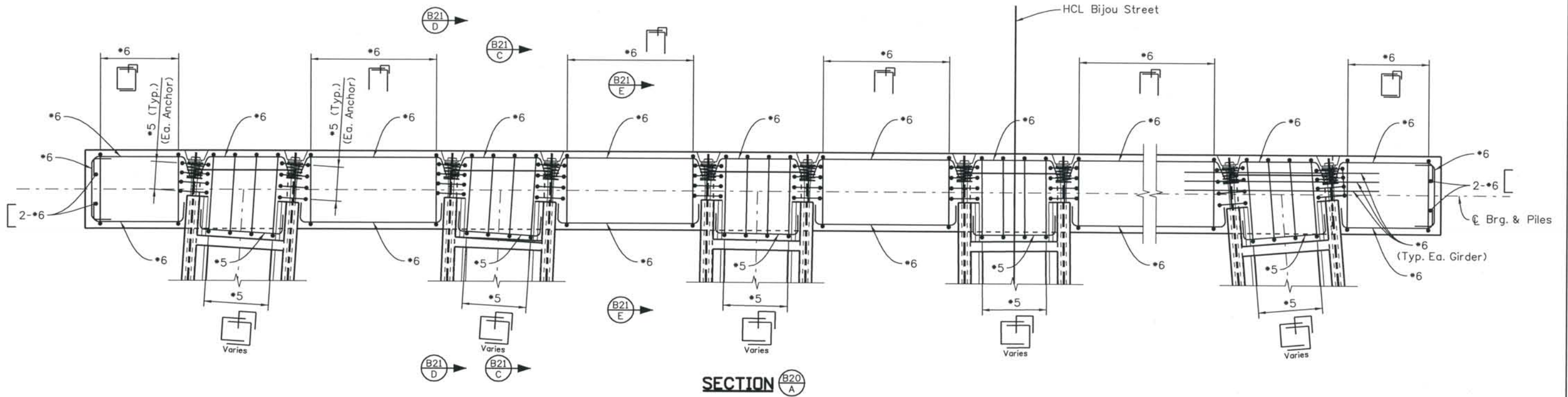
File Name: DS1-BRBJ-AB204.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B18
 Structure Sheet No.: B18 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:15 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/16 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built



NOTES:

1. Concrete cover shall be 2" unless noted otherwise.
2. (N) - Denotes non-epoxy coated reinforcing.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



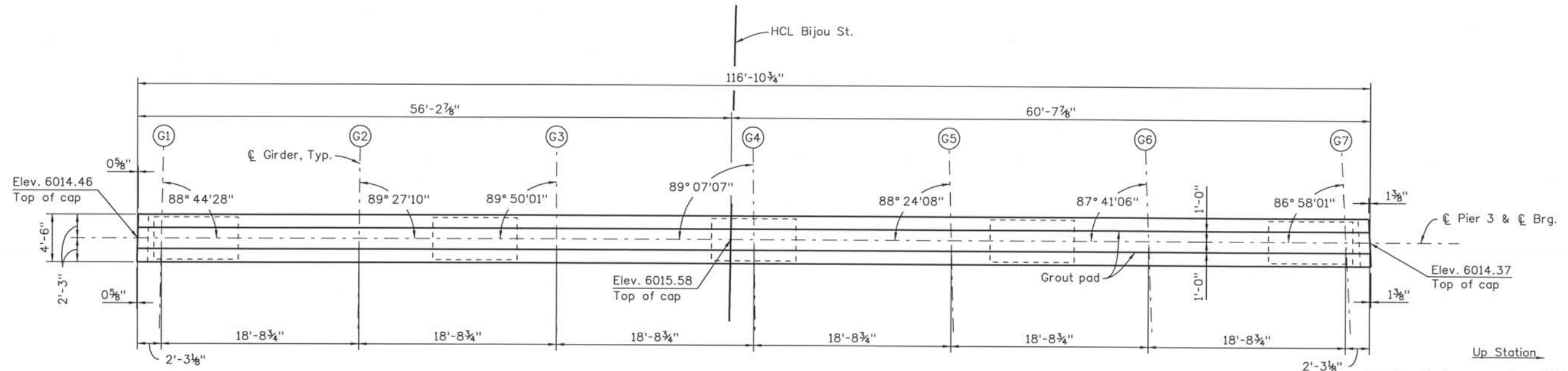
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 5 REINFORCING
 1 OF 3

File Name: DS1-BRBJ-AB401.dgn
 Structure Number: CSG-G.15-08.84A

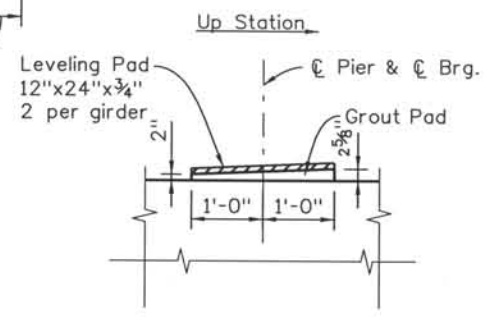
Project No./Code: IM 0252-370 S.A.14740
 Project Dwg. No.: DS1-BJ-B19
 Structure Sheet No.: B19 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

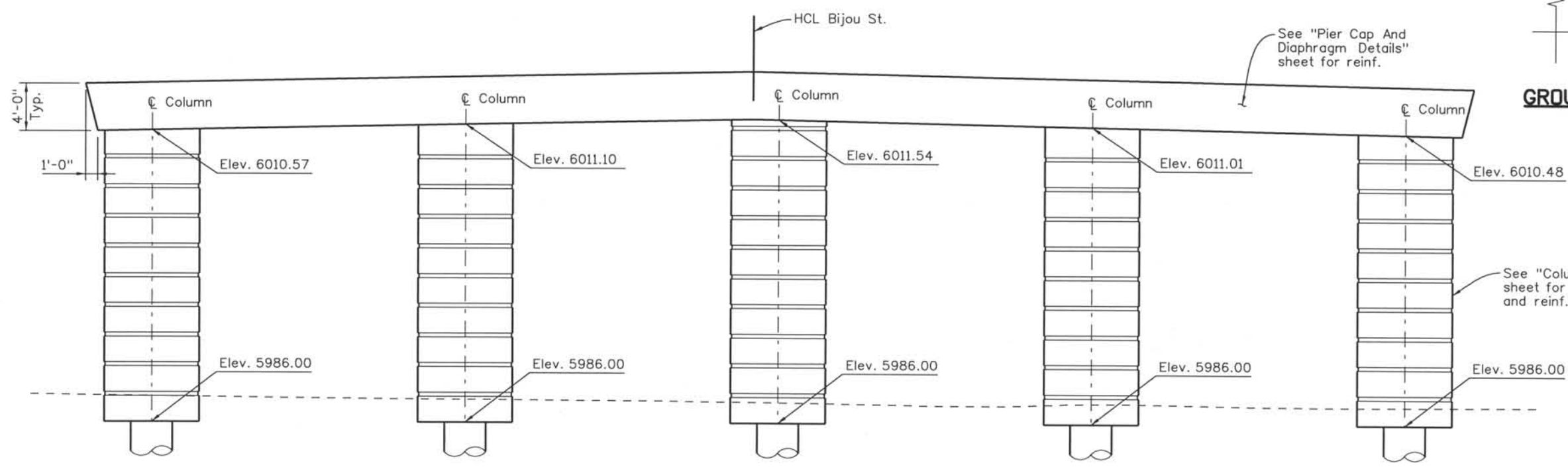
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN



GROUT PAD DETAIL



ELEVATION

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:27 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/32 at 11x17 Units: US Survey Foot

As-Built
 327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
D	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



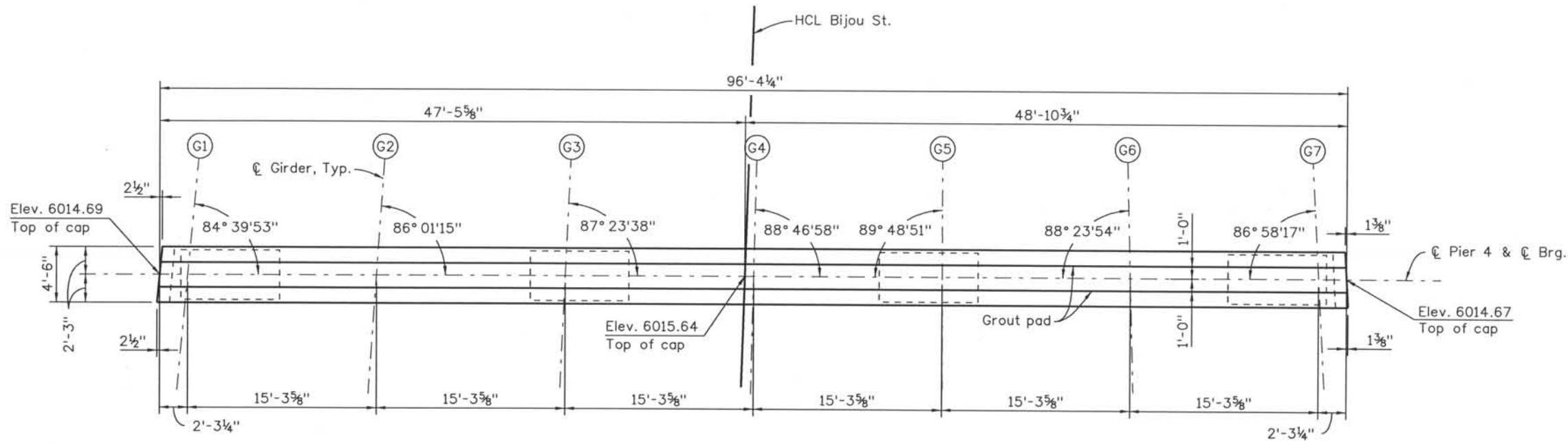
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
PIER 3 DIMENSIONS

File Name: DS1-BRBJ-PR301.DGN
 Structure Number: CSG-G.15-08.84A

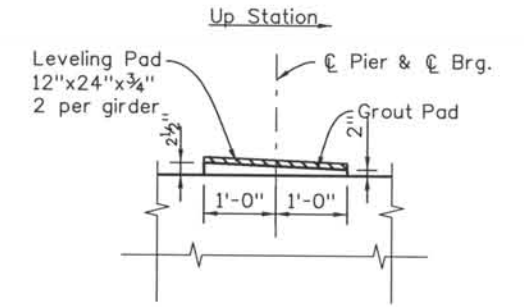
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B23
 Structure Sheet No.: B23 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

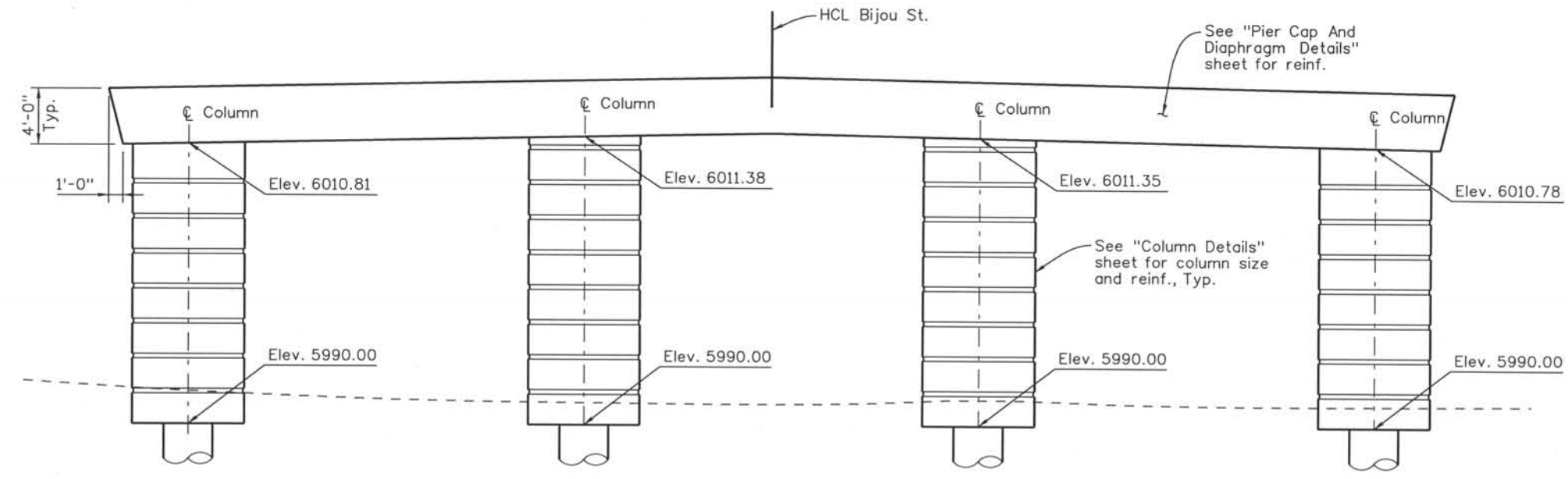
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



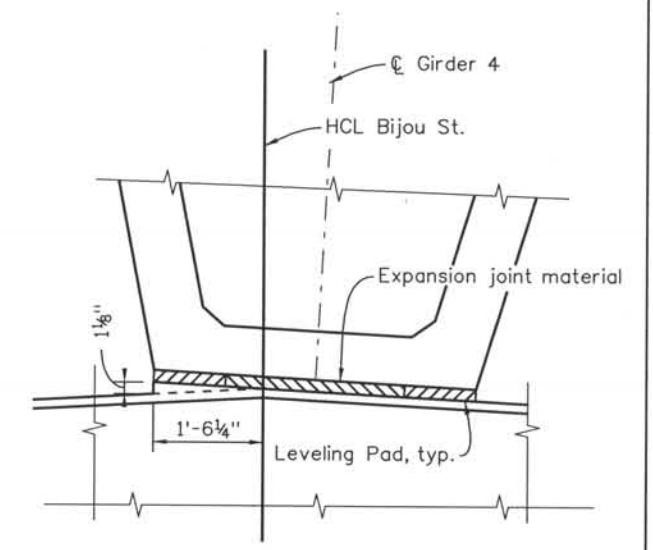
PLAN



GROUT PAD DETAIL



ELEVATION



GROUT PAD SECTION

Girder 4 at Pier 4 shown, other girders similar.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:29 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/32 at 11x17Units:US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
D	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

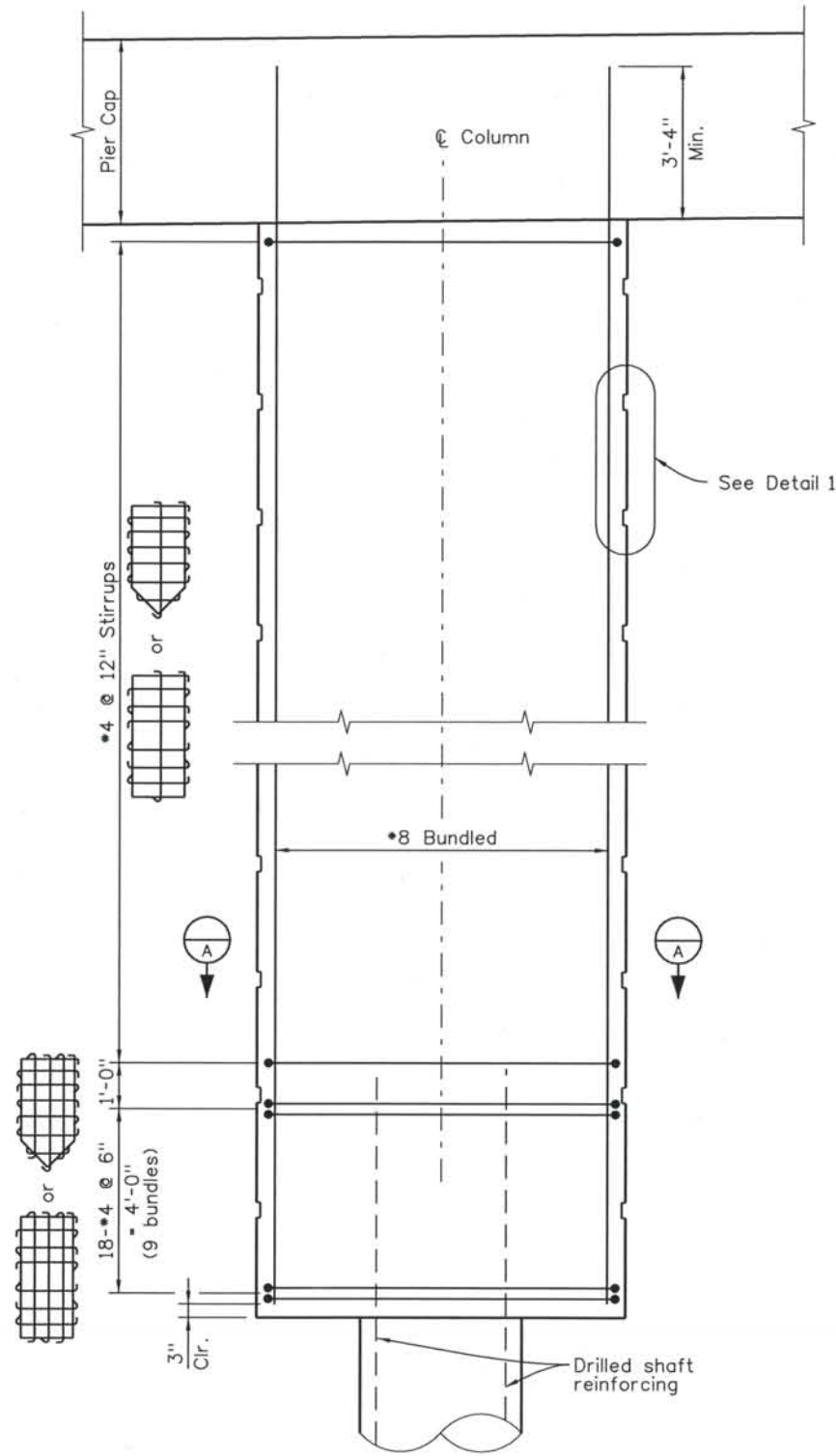


DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
PIER 4 DIMENSIONS

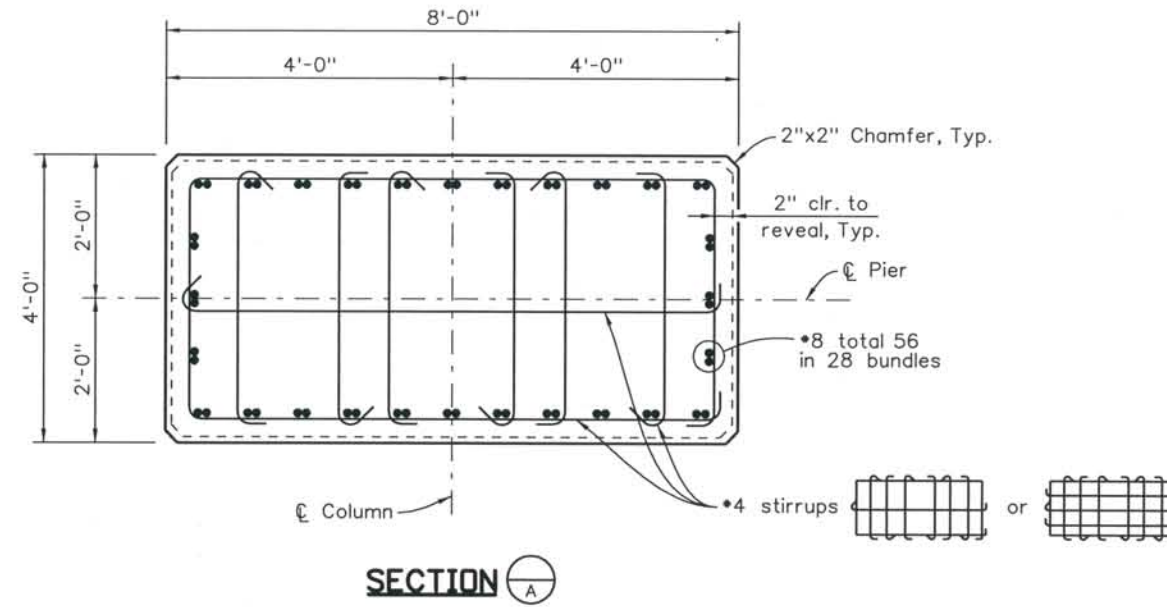
File Name DS1-BRBJ-PR401.DGN
 Structure Number CSG-G.15-08.84A

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-BJ-B24
 Structure Sheet No. B24 of 59

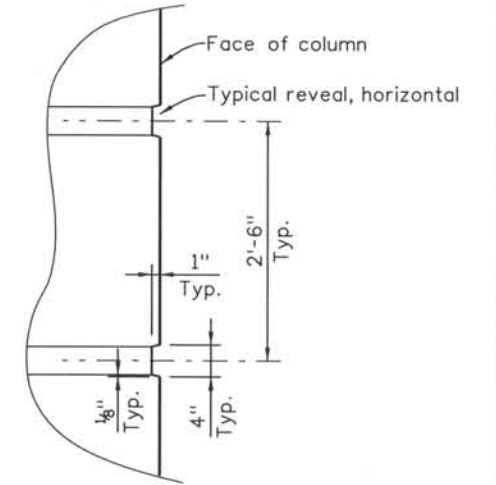
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 GREGG ARTHUR REESE
 COLORADO P.E. NO. 27508



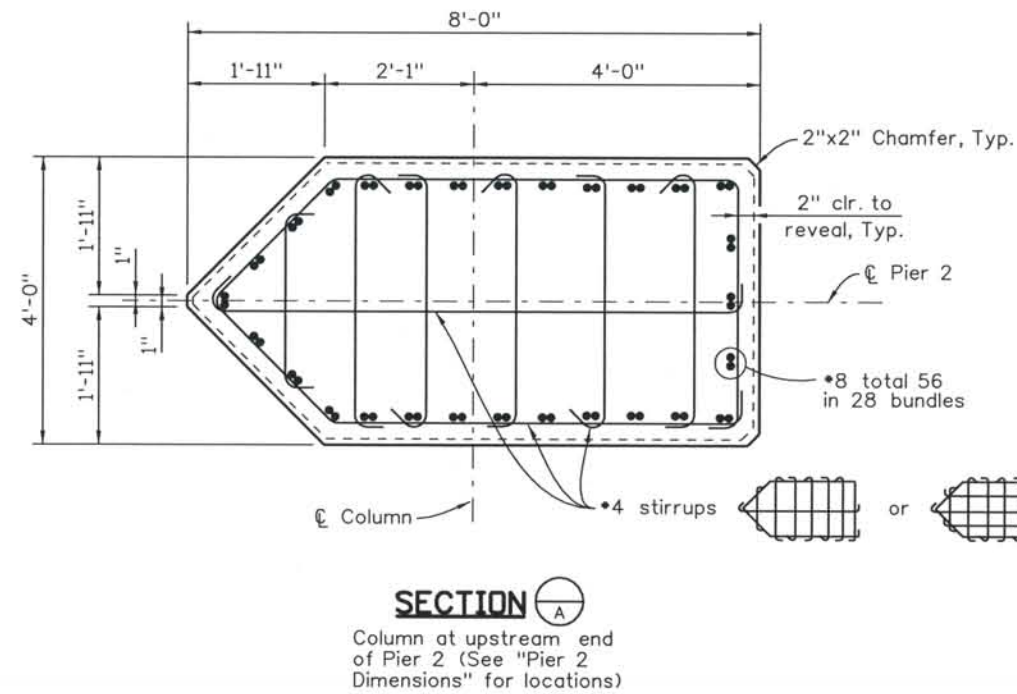
SECTION THROUGH COLUMN



SECTION A



DETAIL 1
 Typical Architectural pattern all around column



SECTION A

Column at upstream end of Pier 2 (See "Pier 2 Dimensions" for locations)

ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
D	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



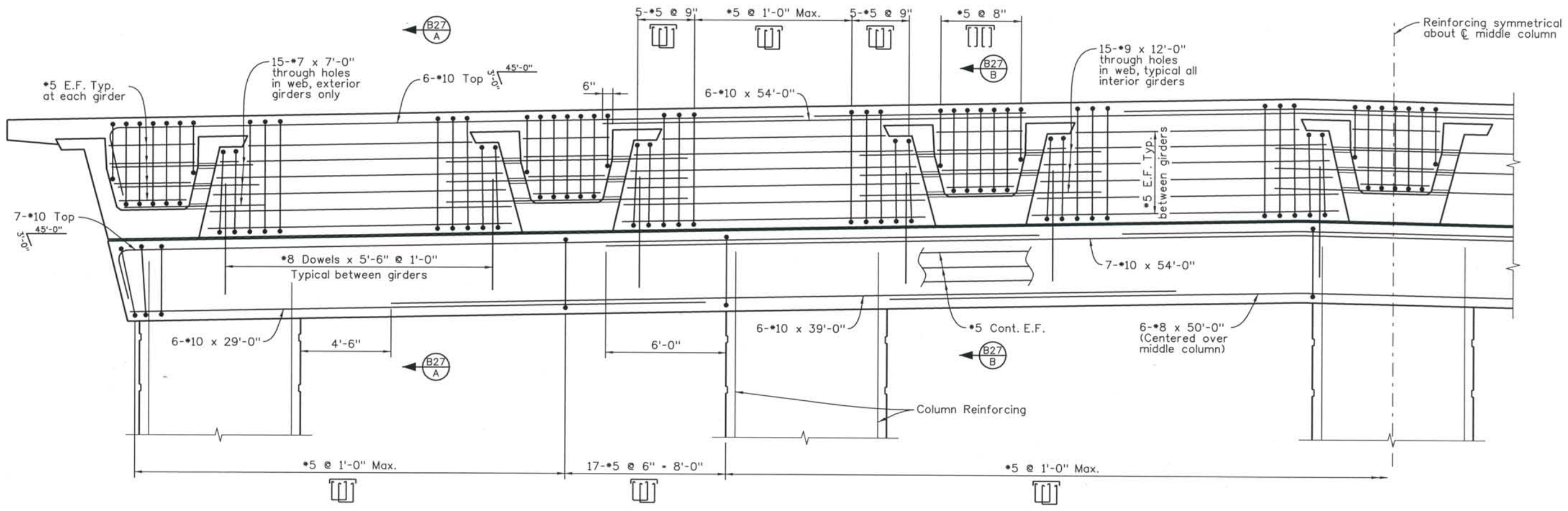
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 COLUMN DETAILS

File Name: DS1-BRBJ-PRO1.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B25
 Structure Sheet No.: B25 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION THROUGH CENTER OF PIER 2

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:35 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Units: US Survey Foot
 Scale: DScale

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 PIER 2 CAP AND DIAPHRAGM DETAILS
 1 OF 2

File Name: DS1-BRBJ-PR02.DGN
 Structure Number: CSG-G.15-08.84 A

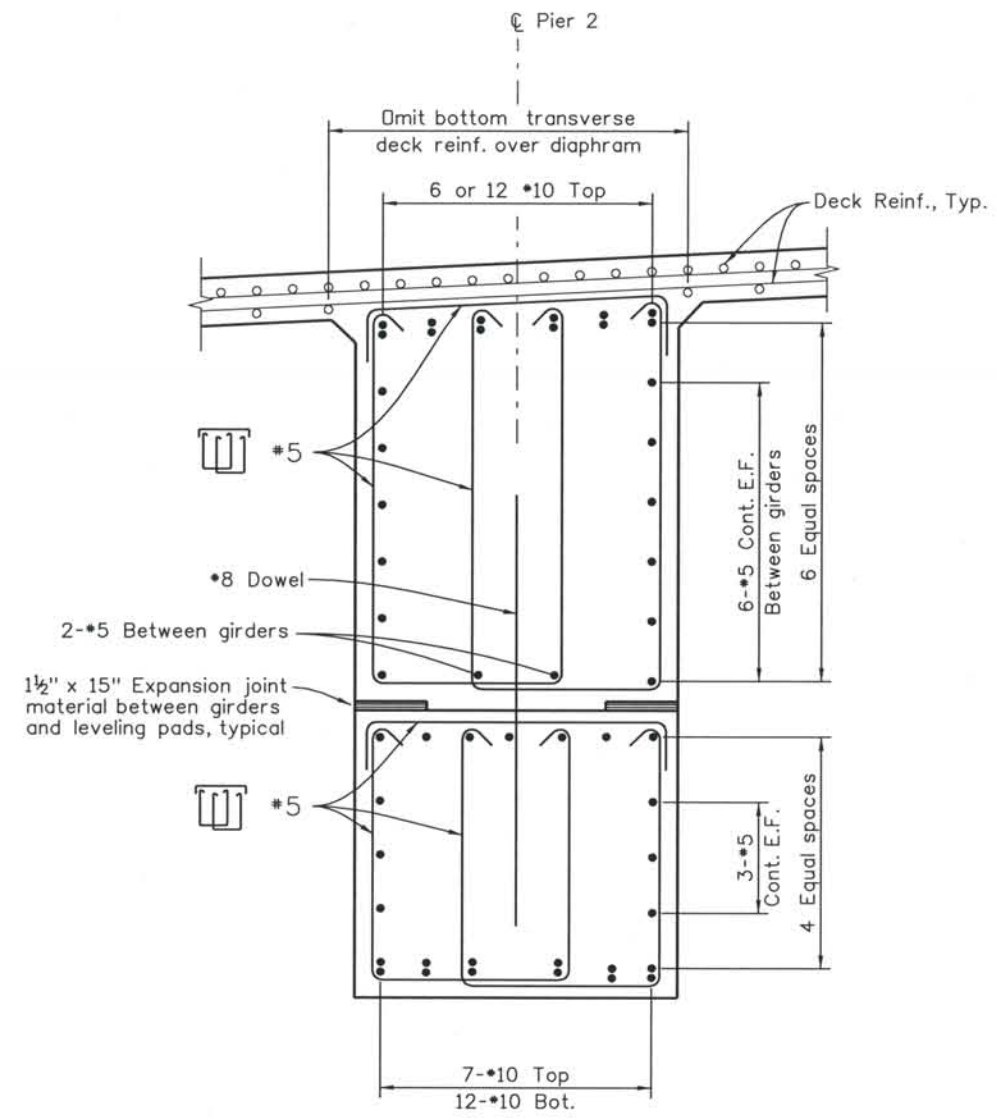
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B26
 Structure Sheet No.: B26 OF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM, COLORADO P.E. NO. 37500

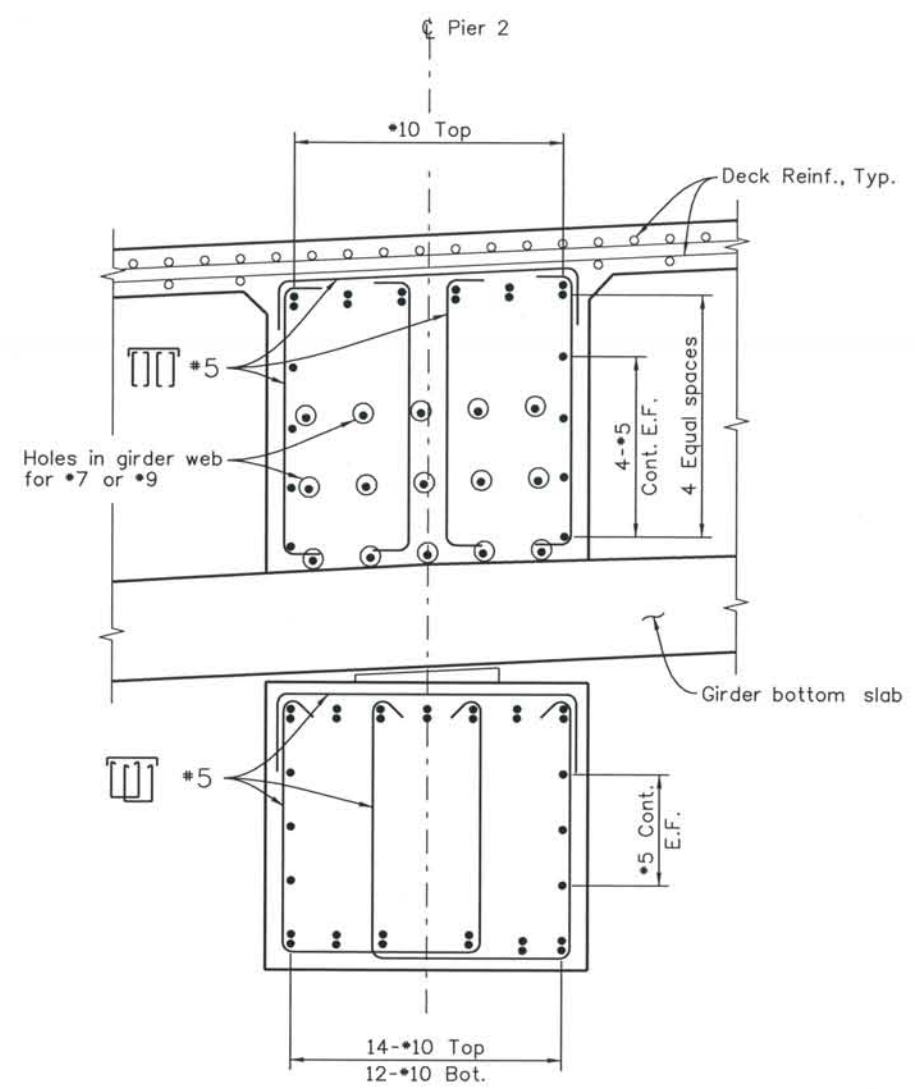
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:28:38 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: DScale
 Units: US Survey Foot



SECTION B26/A



SECTION B26/B

NOTE:
 All reinforcing bars in pier cap and diaphragm are non coated bars.
 Pier cap to achieve a minimum concrete strength of 4000 psi before placing girders.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



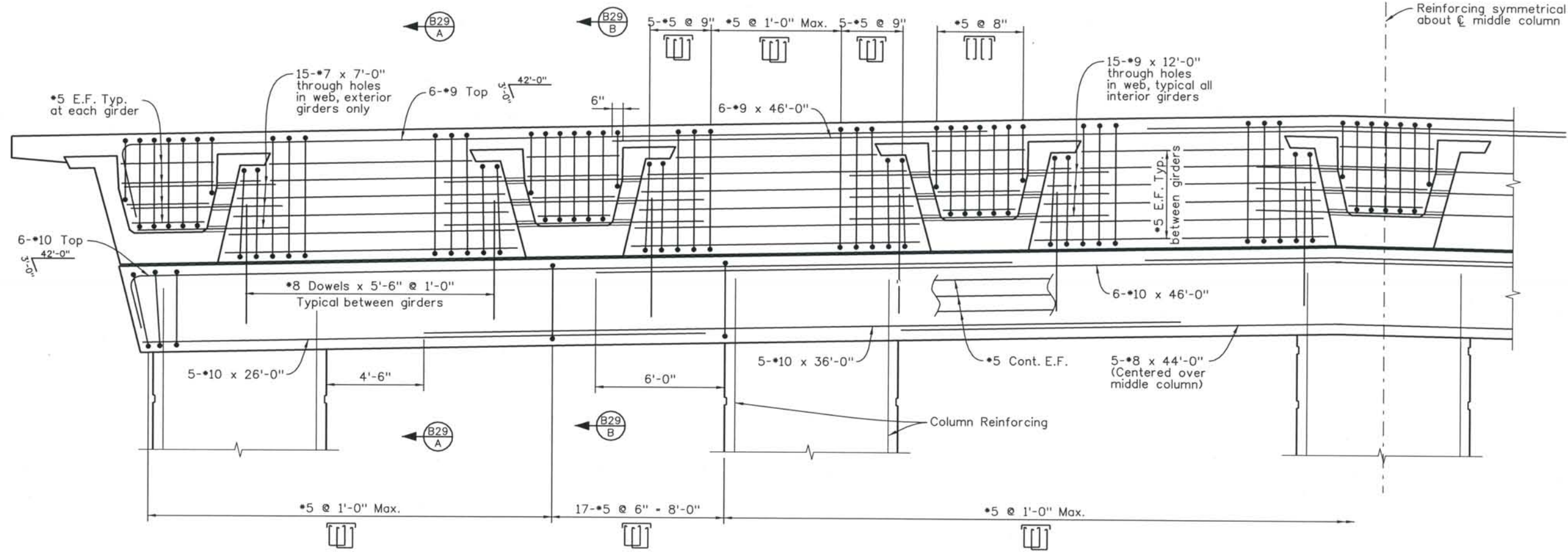
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
PIER 2 CAP AND DIAPHRAGM DETAILS
 2 OF 2

File Name: DS1-BRBJ-PRO3.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B27
 Structure Sheet No.: B27 OF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL Q. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION THROUGH CENTER OF PIER 3

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:28:41 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Units: US Survey Foot
 Scale: DScale

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 PIER 3 CAP AND DIAPHRAGM DETAILS
 1 OF 2

File Name: DS1-BRBJ-PR04.DGN
 Structure Number: CSG-G.15-08.84A

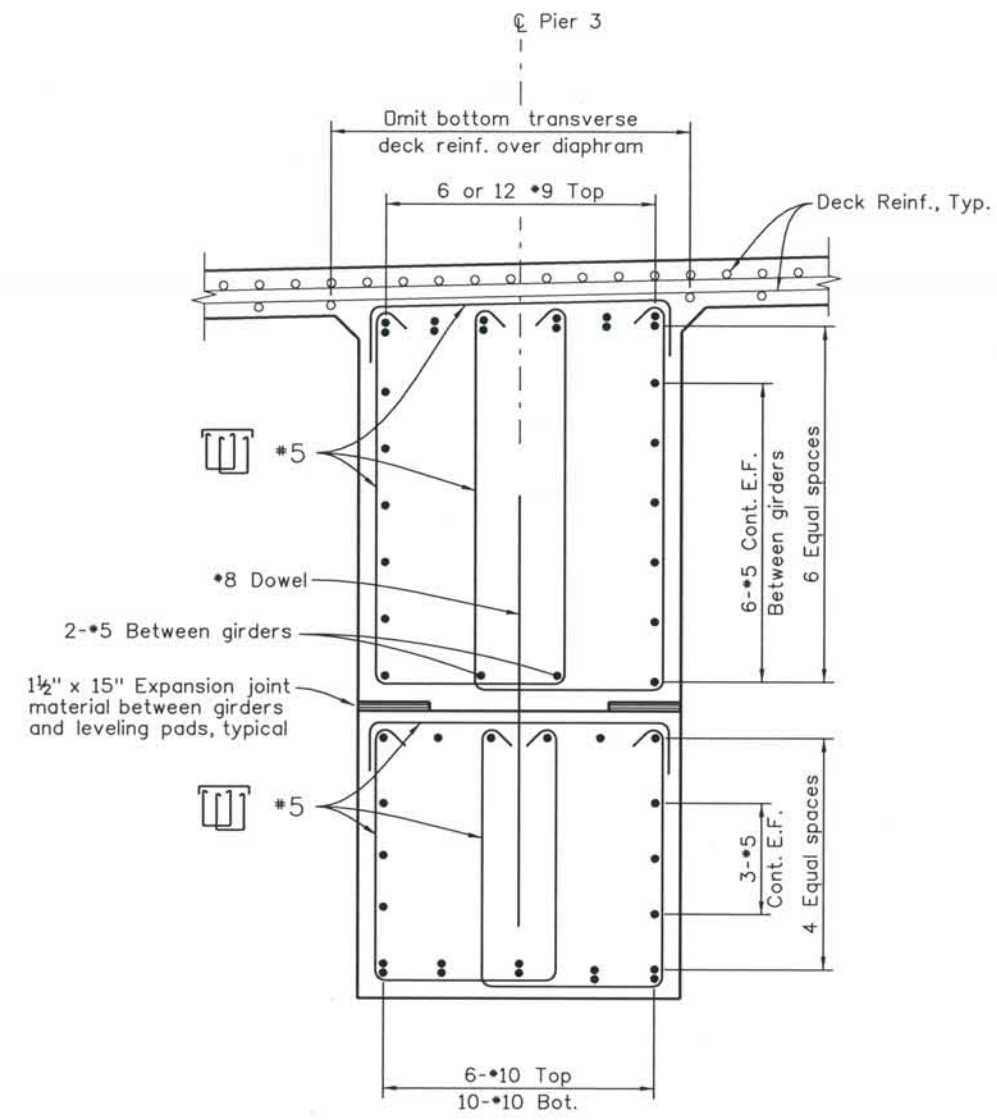
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B28
 Structure Sheet No.: B28 OF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

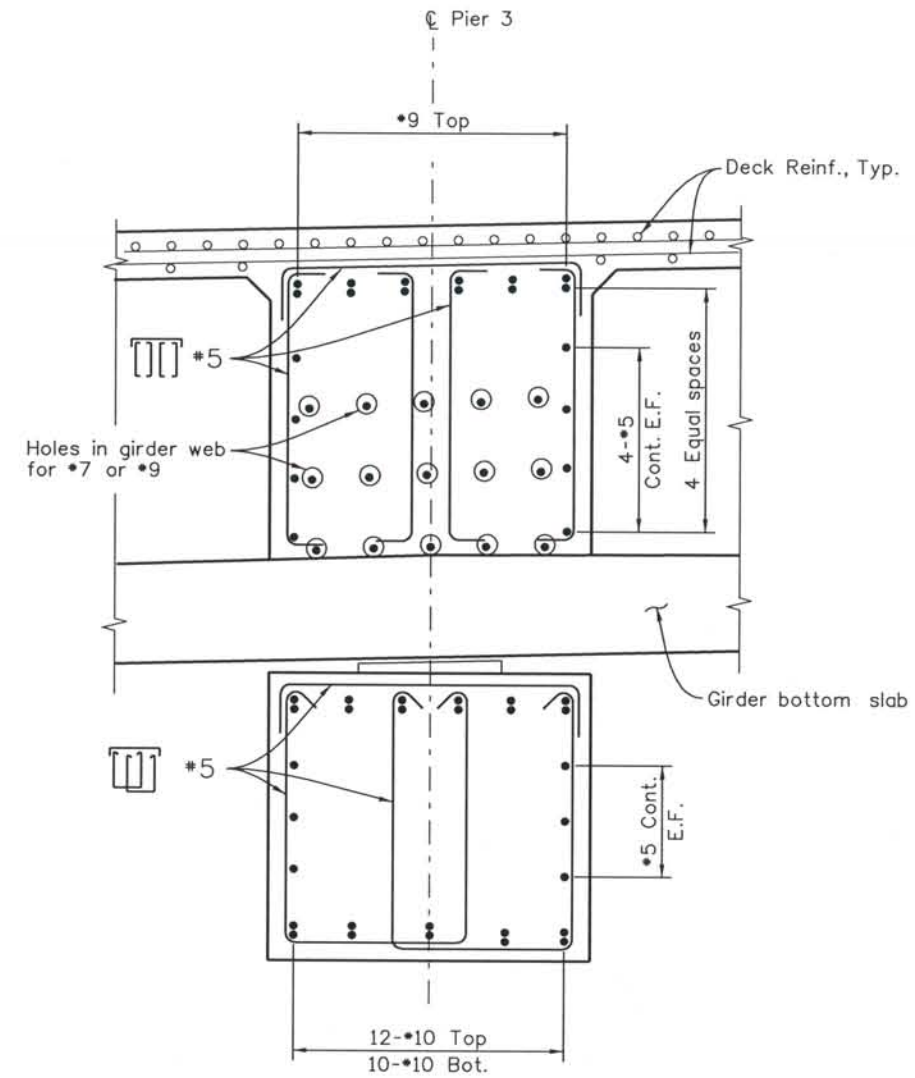
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:28:44 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: DSscale
 Units: US Survey Foot



SECTION B28 A



SECTION B28 B

NOTE:
 All reinforcing bars in pier cap and diaphragm are non coated bars.
 Pier cap to achieve a minimum concrete strength of 4000 psi before placing girders.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 PIER 3 CAP AND DIAPHRAGM DETAILS
 2 OF 2

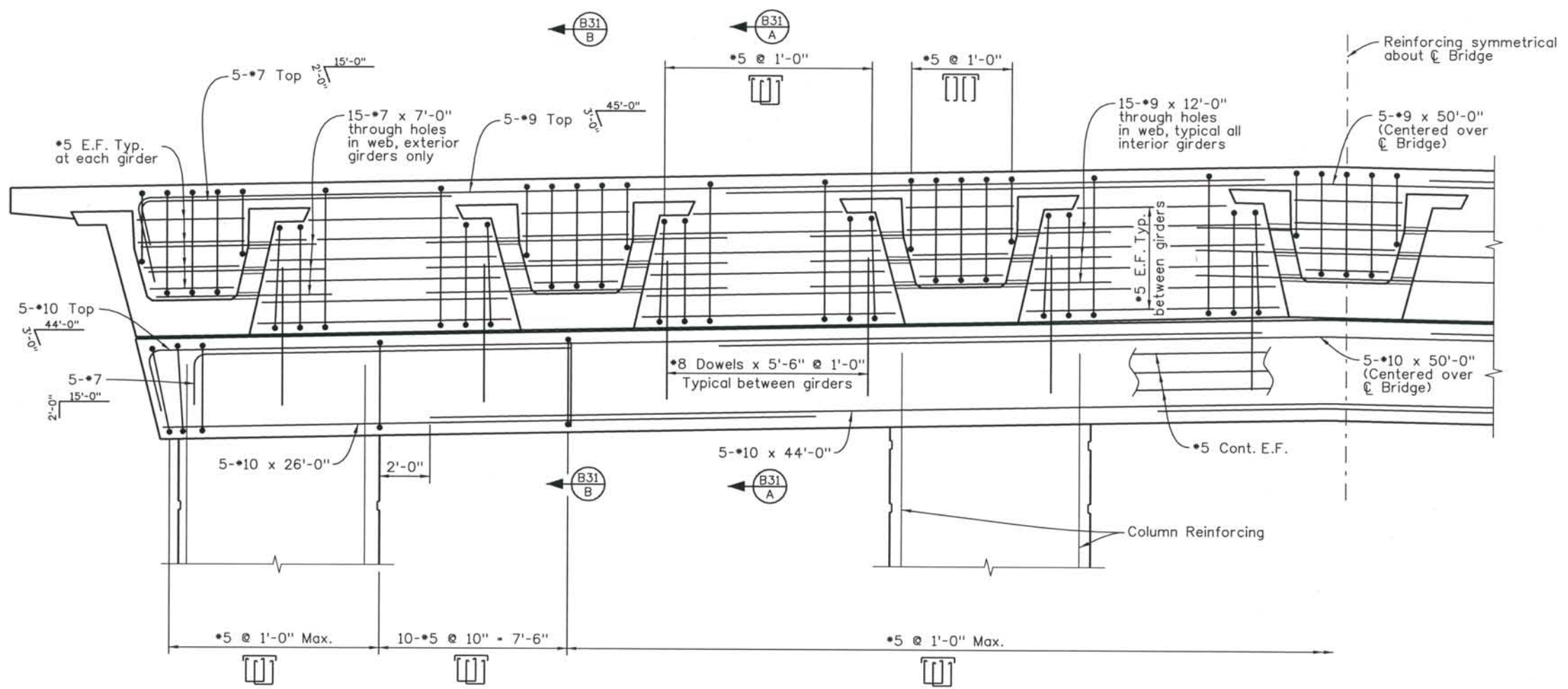
File Name DS1-BRBJ-PRO5.DGN
 Structure Number
 CSG-G.15-08.84A

Project No./Code
 IM 0252-370
 S.A. 14740

Project Dwg. No. DS1-BJ-B29
 Structure Sheet No. B29 OF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

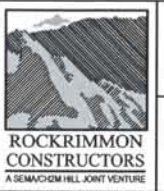
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION THROUGH CENTER OF PIER 4

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:47 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Units: US Survey Foot
 Scale: DS Scale

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 PIER 4 CAP AND DIAPHRAGM DETAILS
 1 OF 2

File Name: DSI-BRBJ-PR06.DGN
 Structure Number: CSG-G.15-08.84A

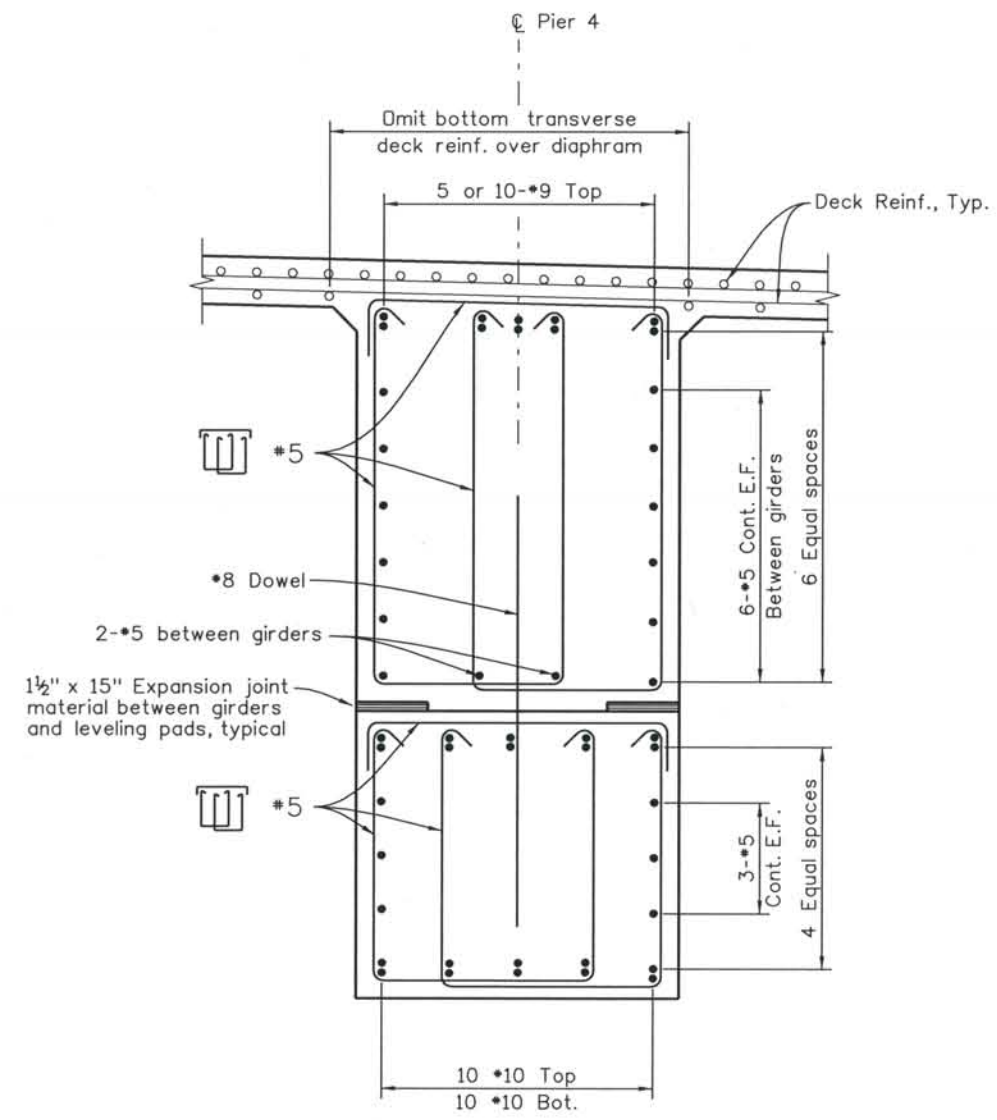
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B30
 Structure Sheet No.: B30 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

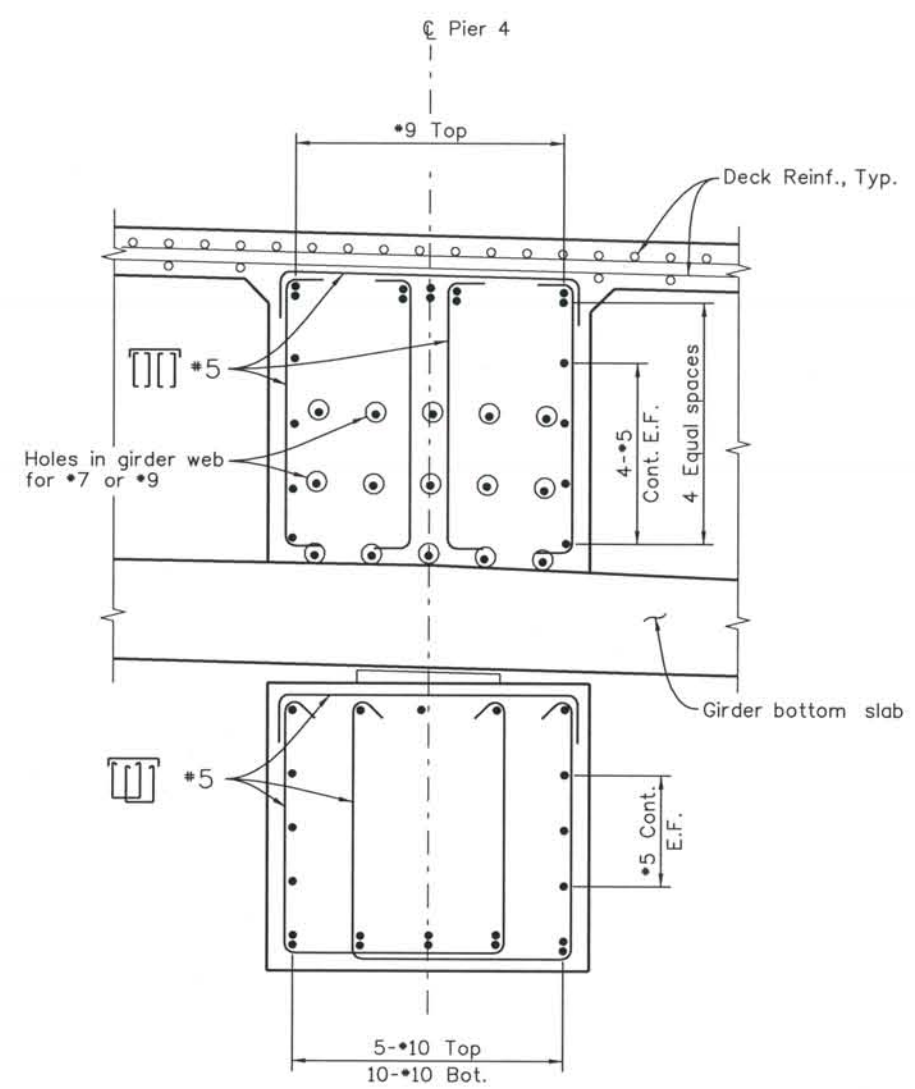
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:28:51 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DSI Bridge
 As-Built
 Units: US Survey Foot
 Scale: DSscale



SECTION B30 A



SECTION B30 B

NOTE:
 All reinforcing bars in pier cap and diaphragm are non coated bars.
 Pier cap to achieve a minimum concrete strength of 4000 psi before placing girders.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



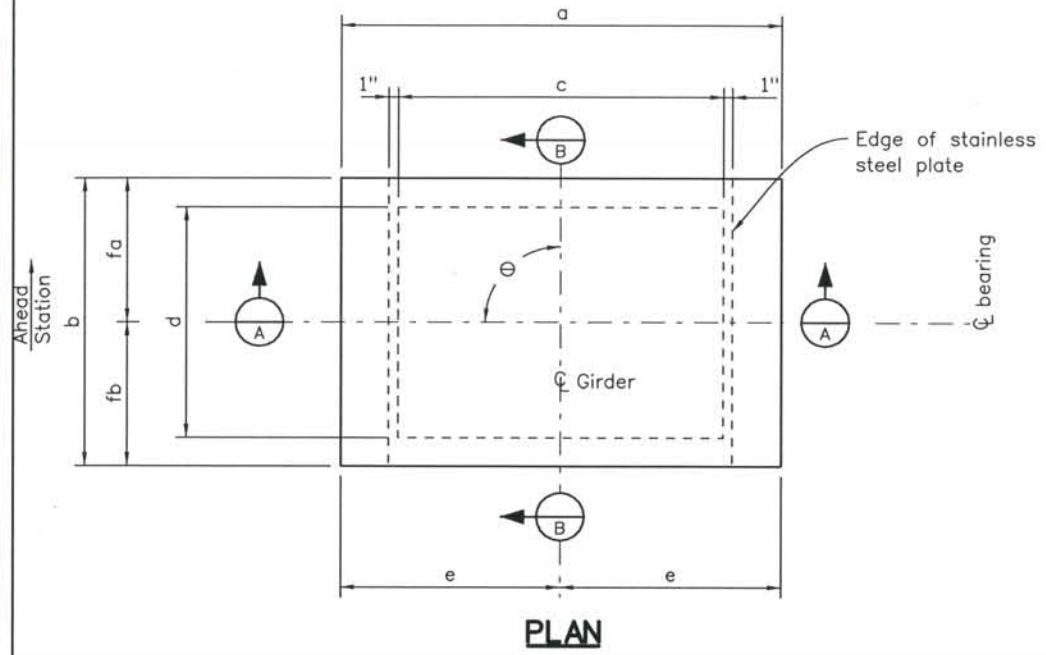
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 PIER 4 CAP AND DIAPHRAGM DETAILS
 2 OF 2

File Name: DSI-BRBJ-PR07.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B31
 Structure Sheet No.: B31 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Location	No. Req'd	Vertical Load Per Brg (kips)	Dimensions (Inches)											
			a	b	c	d	e	F	g	j	k	fa	fb	10° Temp increment
Abut. 1 Girders	7	437	56	20	27	10	28	3 1/8	1/2	1 1/2	2 1/4	7 3/4	12 1/4	1/4
Abut. 1 Diaphragm	2	136	20	20	12	10	10	3 1/8	3/8	3/8	2 1/4	7 3/4	12 1/4	1/4

NOTES:

The centerlines of the upper and lower elements of the expansion bearings shall be aligned as shown in Section B at a mid-point temperature of 40°. The upper element only, shall be adjusted, in relation to the fixed bearing, for each 10° temperature change. Adjust away from the fixed bearing one 10° temperature increment for each change above 40° and toward the fixed bearing for each 10° change below 40°.

Stainless steel in contact with PTFE shall be polished to a brightness finish of less than 10 micro-inches root mean square.

See Standard Specifications for Type II Bearing requirements.

Grade 3 elastomer shall be used.

Higher grade elastomer may be substituted for grade 3.

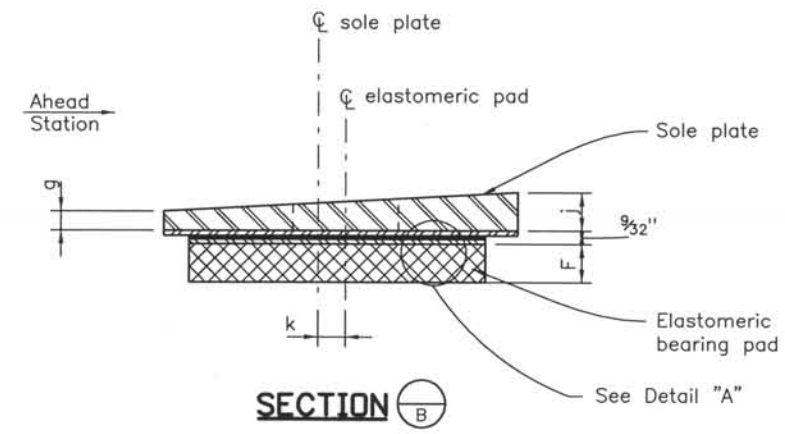
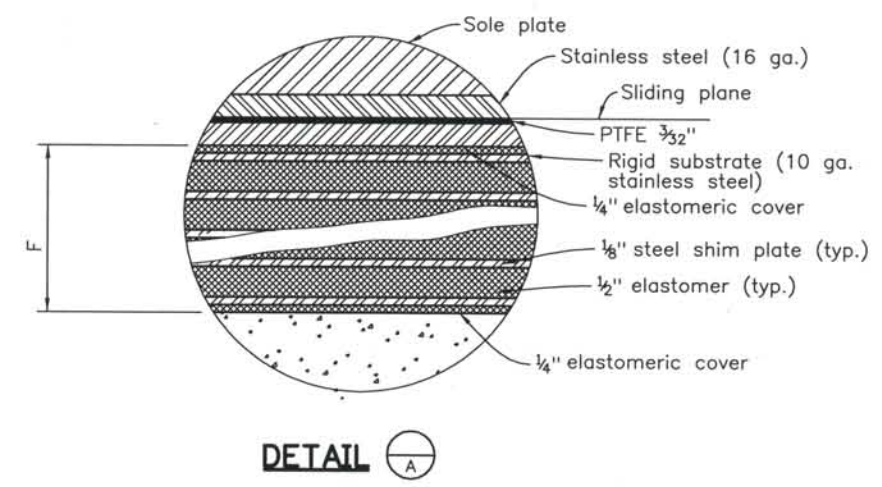
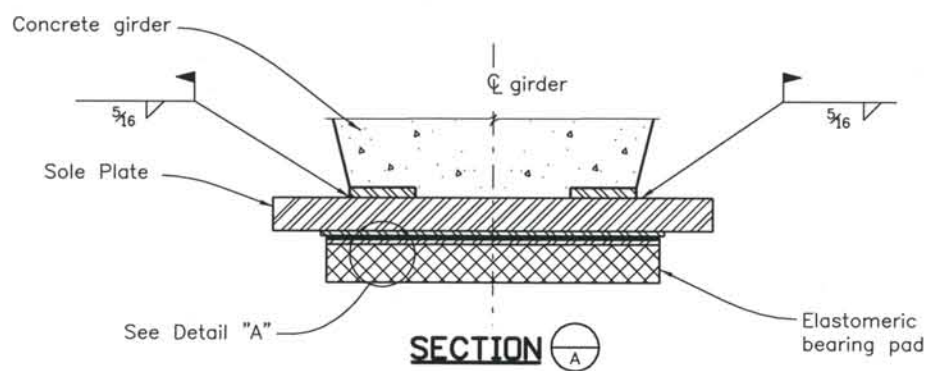
Design shear modulus G = 165 psi. at 73°F.

Hardness = 60 Duro (Shore A).

AASHTO design method B has been used.

PTFE = Polytetrafluorethylene.

For abutment 1 diaphragm, the sole plate is cast in the diaphragm



ELASTOMERIC BEARING DETAILS

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:54 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 1/2 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



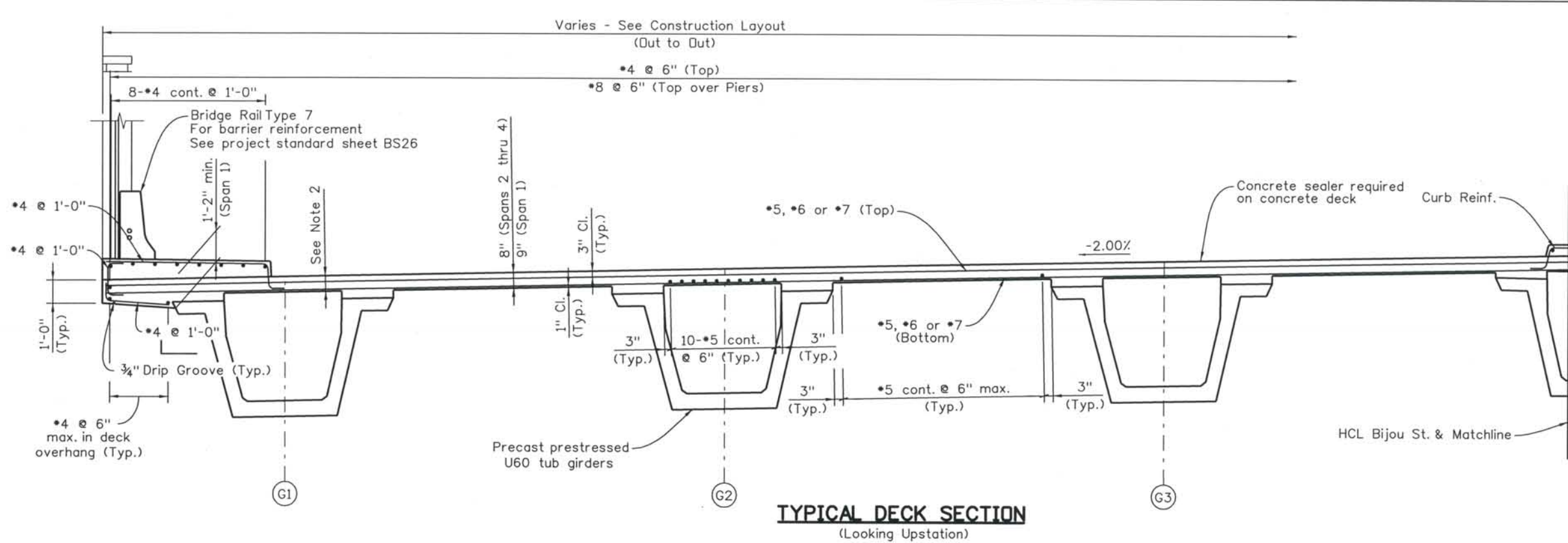
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
BEARING DETAILS

File Name: DS1-BRBJ-BP01.dgn
 Structure Number: CSG-G.15-08.84A

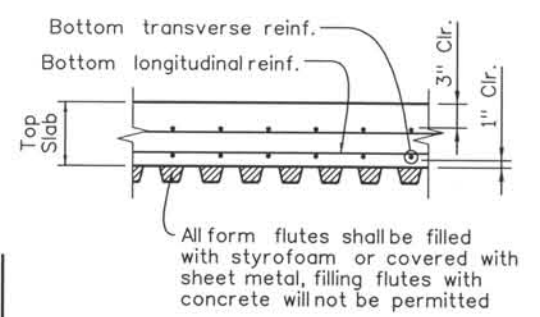
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B32
 Structure Sheet No.: B32 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL D. ABRAHAM COLORADO P.E. NO. 37500

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



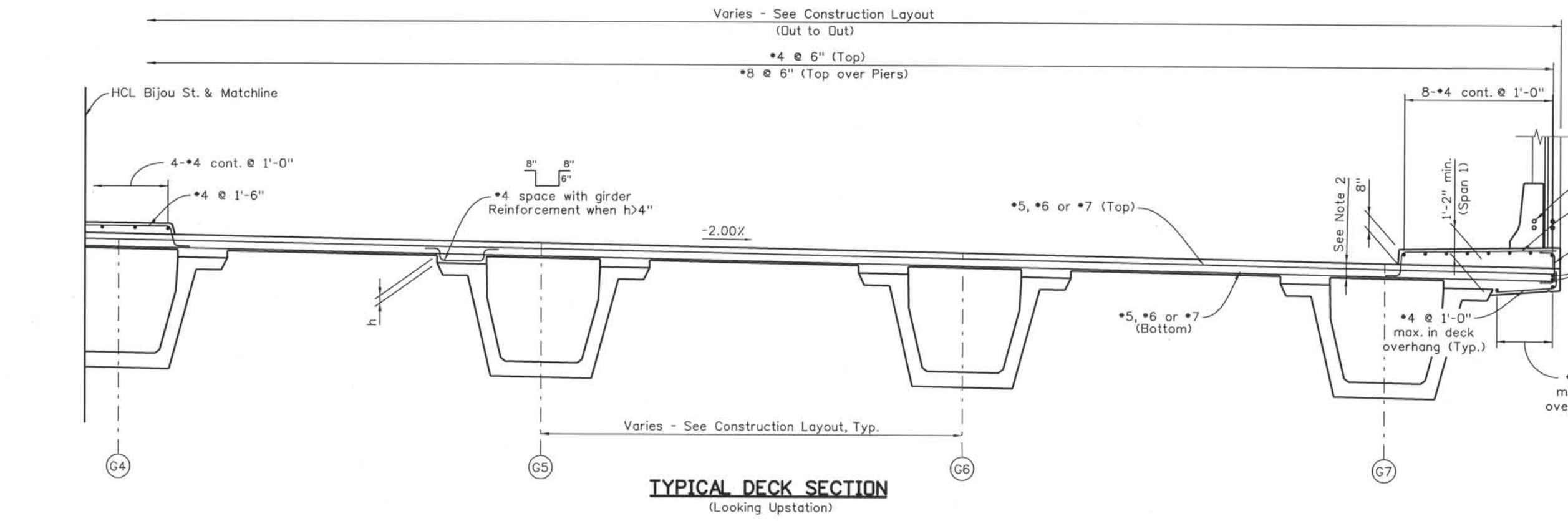
TYPICAL DECK SECTION
(Looking Upstation)



PERMANENT STEEL DECK FORM DETAIL

Permanent steeldeck forms are not allowed in the cantilever portion of the deck.

- Notes:
- Deck concrete shall be Class H (Bridge).
 - Maintain slab thickness of 14" min. inside exterior girders and in overhang slab at flange tip from front face of abutment 1 to sta. 1058+45.00. Typical slab thickness thereafter.
 - Overhang slab shall be cast a min. 1" below flange tip of exterior girder.



TYPICAL DECK SECTION
(Looking Upstation)

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:28:57 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/16 at 11x17 Units: US Survey Foot
 327504.DSI Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

COSMIX
COLORADO SPRINGS METRO INTERSTATE EXPANSION

ROCKRIMMON CONSTRUCTORS
A SEMANCO/HILL JOINT VENTURE

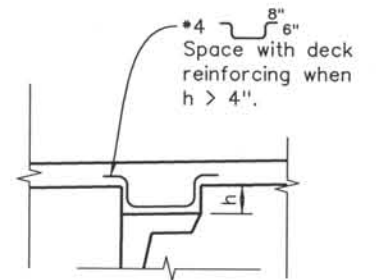
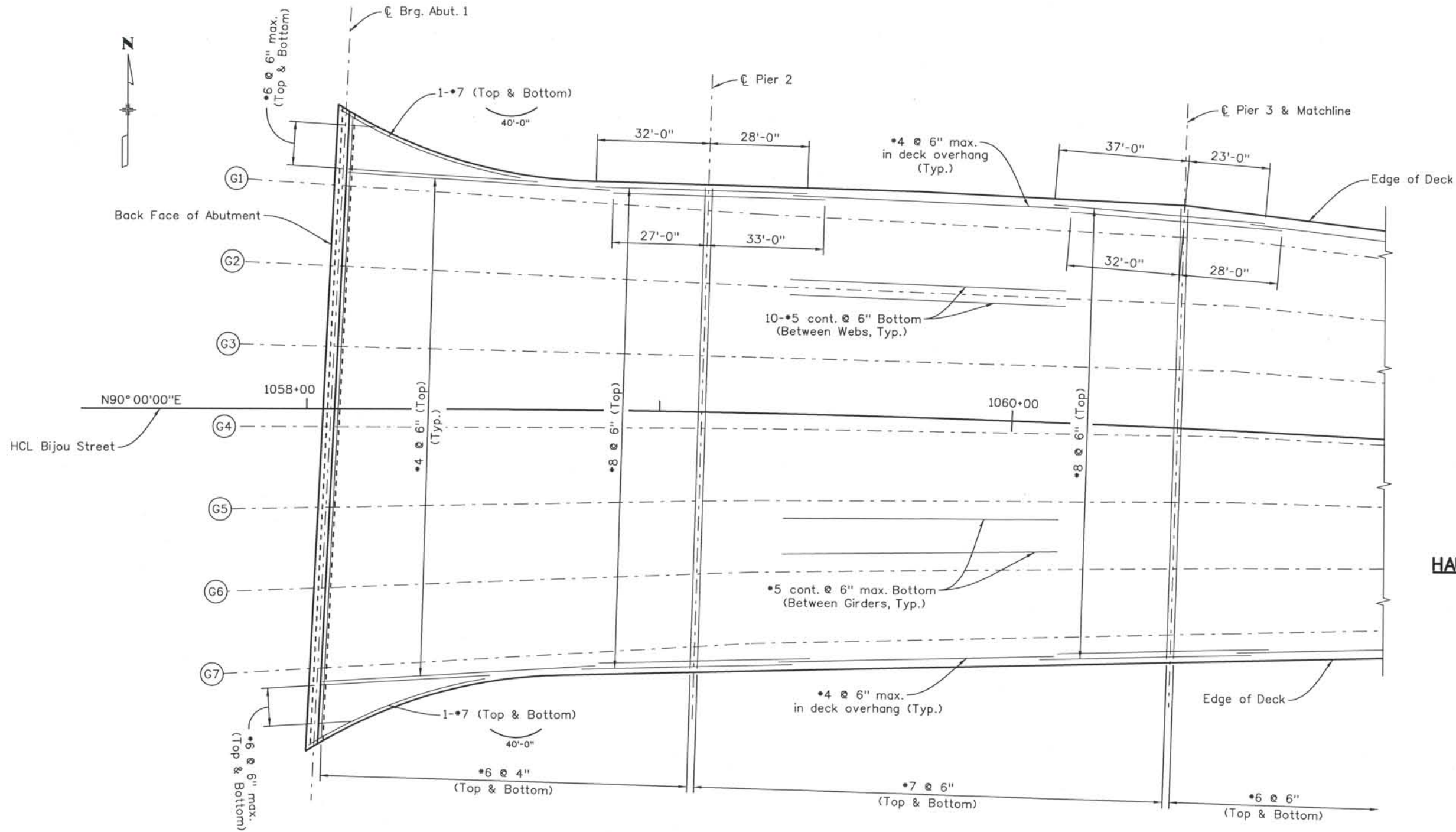
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR SUPERSTRUCTURE SECTION

File Name	DS1-BRBJ-DK01.dgn
Structure Number	CSG-G.15-08.84A
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-BJ-B33
Structure Sheet No.	B33 OF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:01 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 32 at 11x17 Units: US Survey Foot



SLAB REINFORCING

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



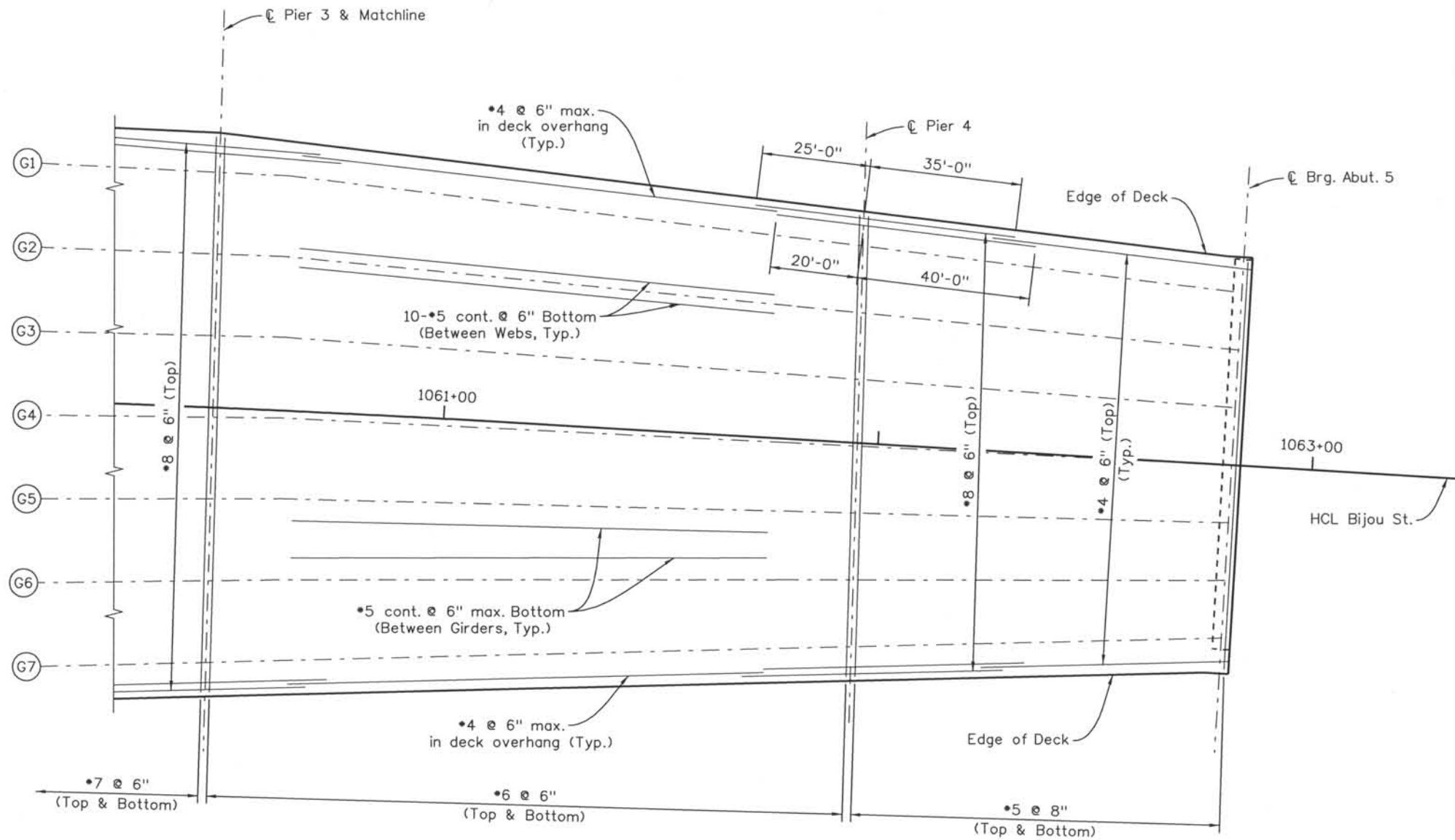
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 SLAB REINFORCING PLAN
 1 OF 2

File Name: DSI-BRBJ-DK02.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B34
 Structure Sheet No.: B34 DF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SLAB REINFORCING

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:29:04 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 32 at 11x17
 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



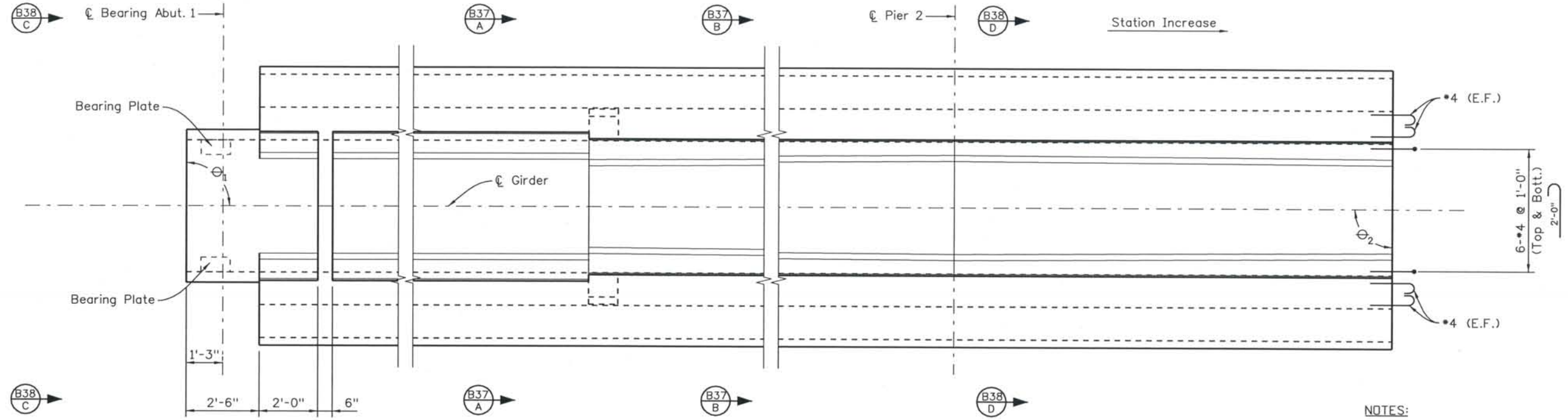
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 SLAB REINFORCING PLAN
 2 OF 2

File Name: DS1-BRBJ-DK03.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B35
 Structure Sheet No.: B35 OF 59

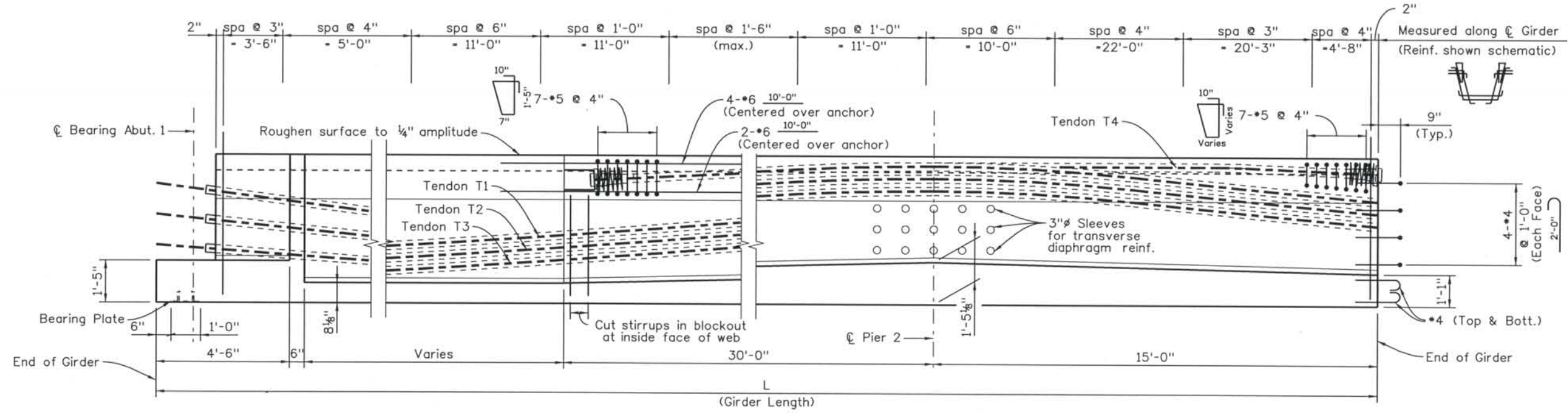
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN

NOTES:
1. For girder notes and schedule, see sheet B38



ELEVATION

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:07 AM
 Plotted By: skramer
 CAD Ver: MicroStation V8 2004
 Scale: 1/4" = 1'-0"
 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



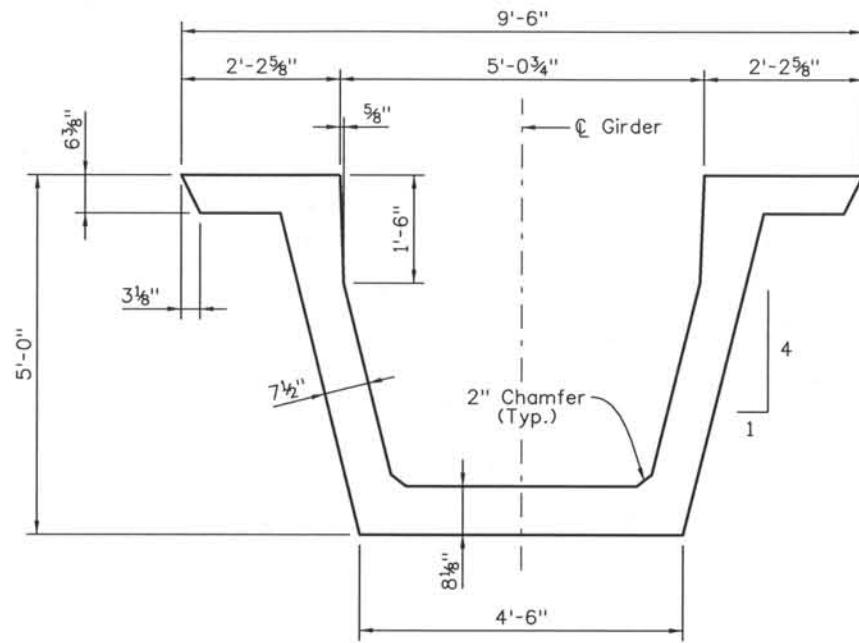
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 1
 1 OF 3

File Name: DS1-BRBJ-GR101.dgn
 Structure Number: CSG-G.15-08.84A

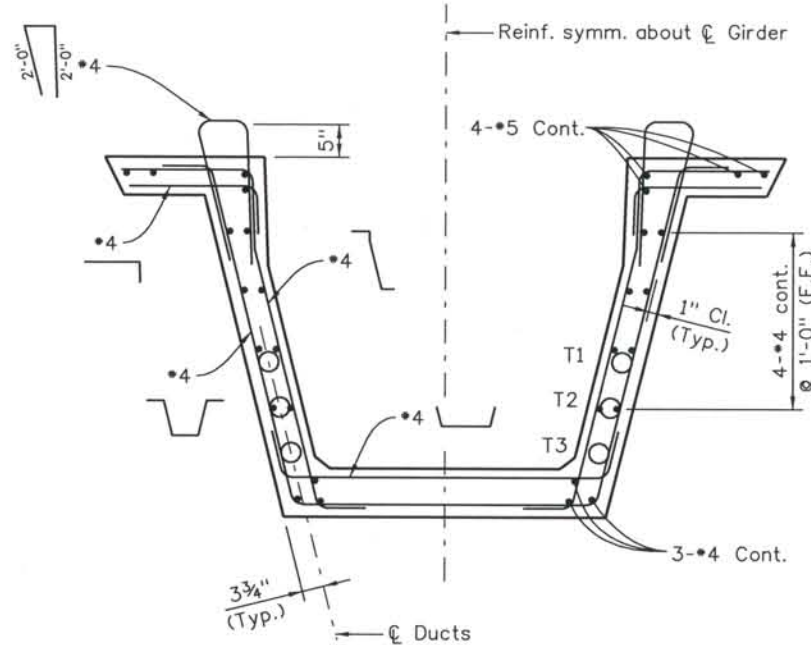
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B36
 Structure Sheet No.: B36 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

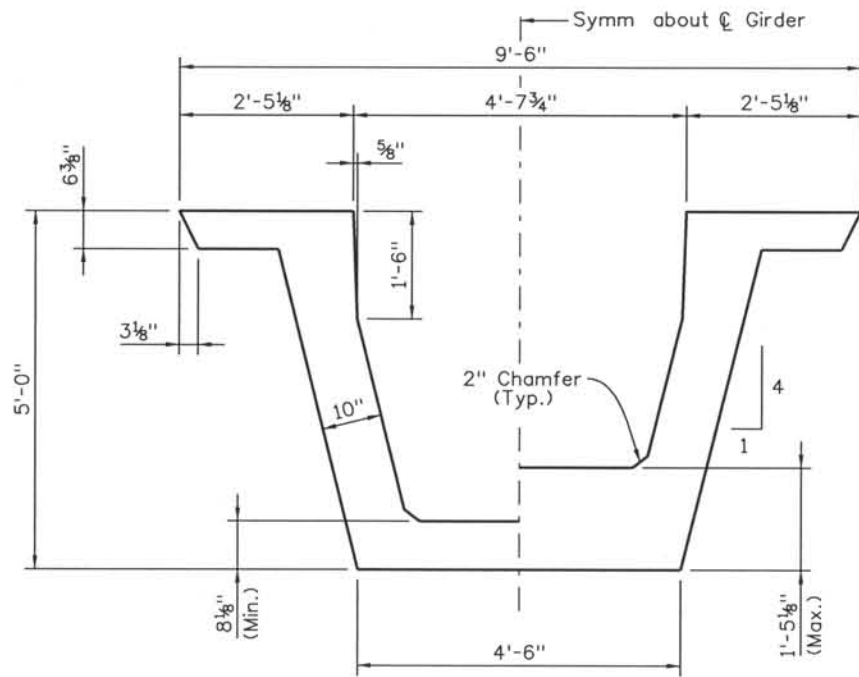
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



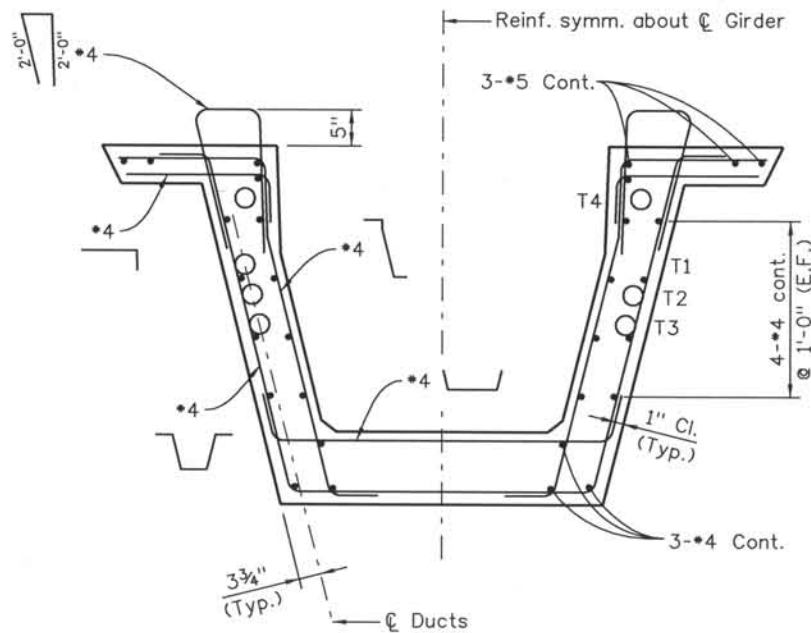
SECTION B36 A
(Dimensions)



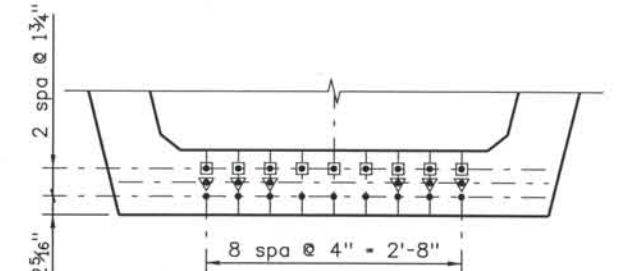
SECTION B36 A
(Reinforcement)



SECTION B36 B
(Dimensions)

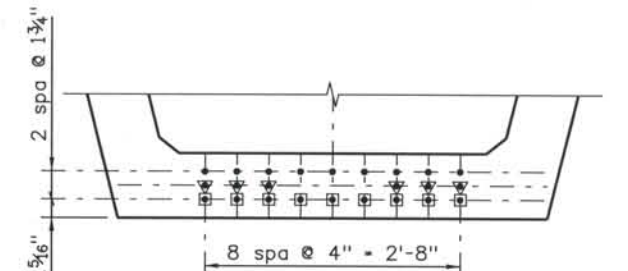


SECTION B36 B
(Reinforcement)



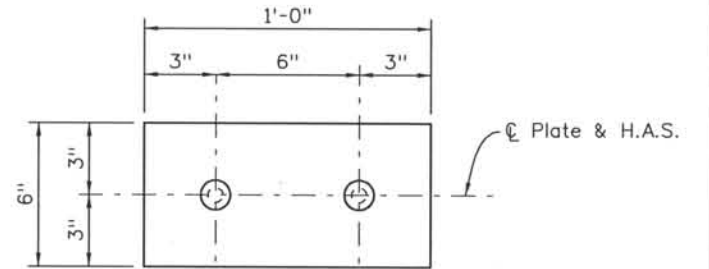
DEBOND STRAND PATTERN
(Downstation End)

- ▼ Debond 6 strands 10'-0" from downstation end
- Debond 9 strands 20'-0" from downstation end

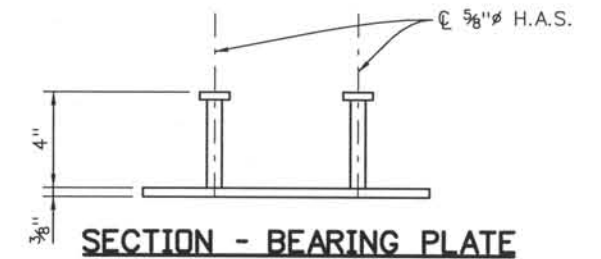


DEBOND STRAND PATTERN
(Upstation End)

- ▼ Debond 6 strands 15'-0" from upstation end
- Debond 9 strands 25'-0" from upstation end



PLAN - BEARING PLATE



SECTION - BEARING PLATE

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:10 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/8 at 11x17 Units: US Survey Foot

327504.DS1 Bridge
 As-Built
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% REVIEW	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 1
 2 OF 3

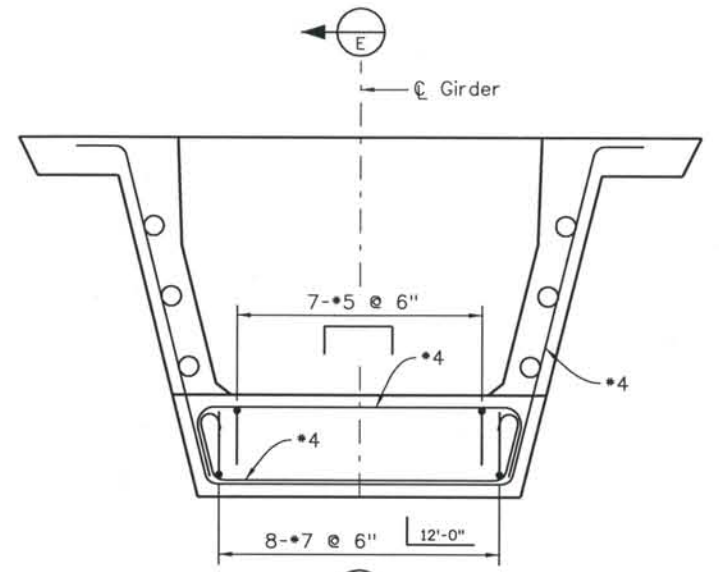
File Name: DS1-BRBJ-GR102.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B37
 Structure Sheet No.: B37 Of 59

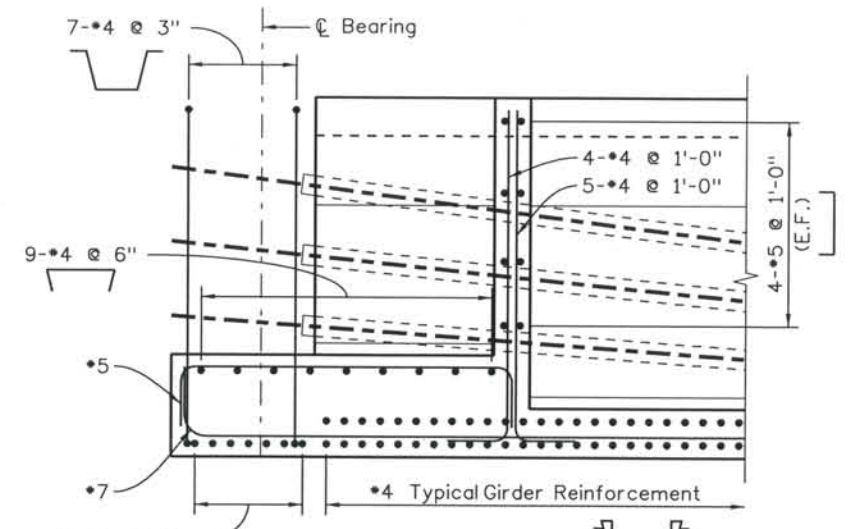
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

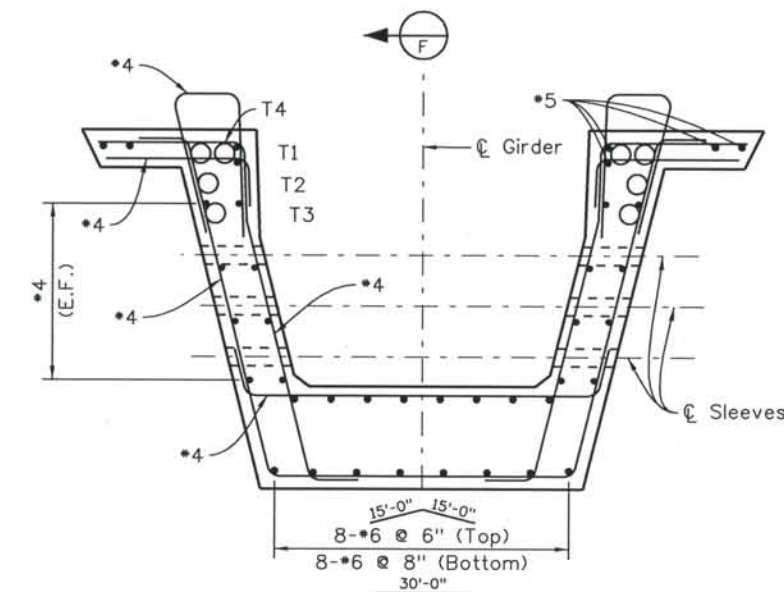
Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:14 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 3/8 at 11x17 Units: US Survey Foot



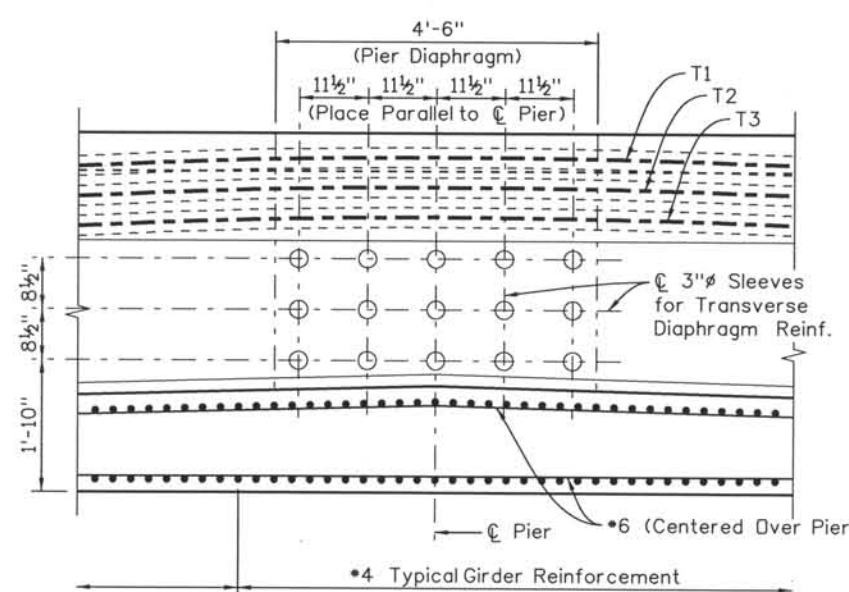
SECTION B36 C



SECTION E



SECTION B36 D



SECTION F

NOTES:

When approved by the Engineer, a minimum of tack welding will be permitted on ASTM A706 uncoated reinforcing steel.

Reinforcing projecting from the top of the girder and reinforcing within eight feet of an expansion device in the bridge deck shall be epoxy coated. Damaged coating on girder reinforcing need not be repaired. The minimum cover for reinforcing steel is 1".

At girder ends not embedded in concrete diaphragms, cut strands off 1" below the surface of the concrete and finish with an approved epoxy grout. At girder ends embedded in concrete diaphragms, cut strands to project 3", except as shown. Do not make cosmetic repairs (damage less than 1/4" deep) to the parts of the girders embedded in concrete.

Use low relaxation strands meeting the requirements of ASTM A-416 Grade 270. The minimum clear distance between groups or individual strands shall be 2.3 (d_s) but not less than 1 3/8". The minimum cover for prestressing steel is 1 1/2".

- A_s* - minimum area of the prestressing steel.
- d_s - nominal strand diameter.
- f'_s - ultimate strength of the prestressing steel.
- F_j - jacking force per girder.
- F_f - final force per girder after all losses.
- f'_{ci} - required concrete strength at release of prestress force.
- f'_c - required concrete strength at 28 days of age.
- L - length of girder along the grade of the girder.
- Δ - deflection at centerline of span due to cast-in-place slab, diaphragms, asphalt, curbs, rails and walks.
- Θ - skew angle of girder ends

Concrete shall be Class PS.

Entrained air is not required for girder concrete

Use 1/2" chamfer on all corners, except as noted.

Dimensional tolerances for precast "U" girders shall be those tolerances specified in MNL-116, Section 6.4 as shown for I girders with the following exception: Flange widths and widths between flanges ± 1/16"/ft width, ± 1/4" minimum. Variation from specified plan end squareness or skew, ± 1/8"/ft width of each flange or overall width.

- D20 wires may be used in lieu of #4.
- 2-D20 wires may be used in lieu of #6.
- D11 or W10.9 wires may be used in lieu of #3.
- W5 wires may be used in lieu of #2.
- Lightly tensioned strand in an alternate for #4 cont.

GIRDER SCHEDULE												
Span No.	Girder No.	L (feet)	Θ ₁ (deg)	Θ ₂ (deg)	A _s * (in sq)	E _E (inch) (DS)	E _E (inch) (US)	E _{MS} (inch)	F _J (kips)	F _F (kips)	Concrete Strength	
											f' _{ci} (psi)	f' _c (psi)
1	G1	120.13	90.9	90.0	5.208	2.31	5.81	4.06	1055	816	6000	8500
	G2	120.56	89.7	90.0	5.208	2.31	5.81	4.06	1055	816	6000	8500
	G3	121.03	88.5	90.0	5.208	2.31	5.81	4.06	1055	816	6000	8500
	G4	121.57	87.3	90.0	5.208	2.31	5.81	4.06	1055	816	6000	8500
	G5	122.16	86.1	90.0	5.208	2.31	5.81	4.06	1055	816	6000	8500
	G6	122.80	84.9	90.0	5.208	2.31	5.81	4.06	1055	816	6000	8500
	G7	123.49	83.7	90.0	5.208	2.31	5.81	4.06	1055	816	6000	8500

DS - Downstation
US - Upstation

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 1
 3 OF 3

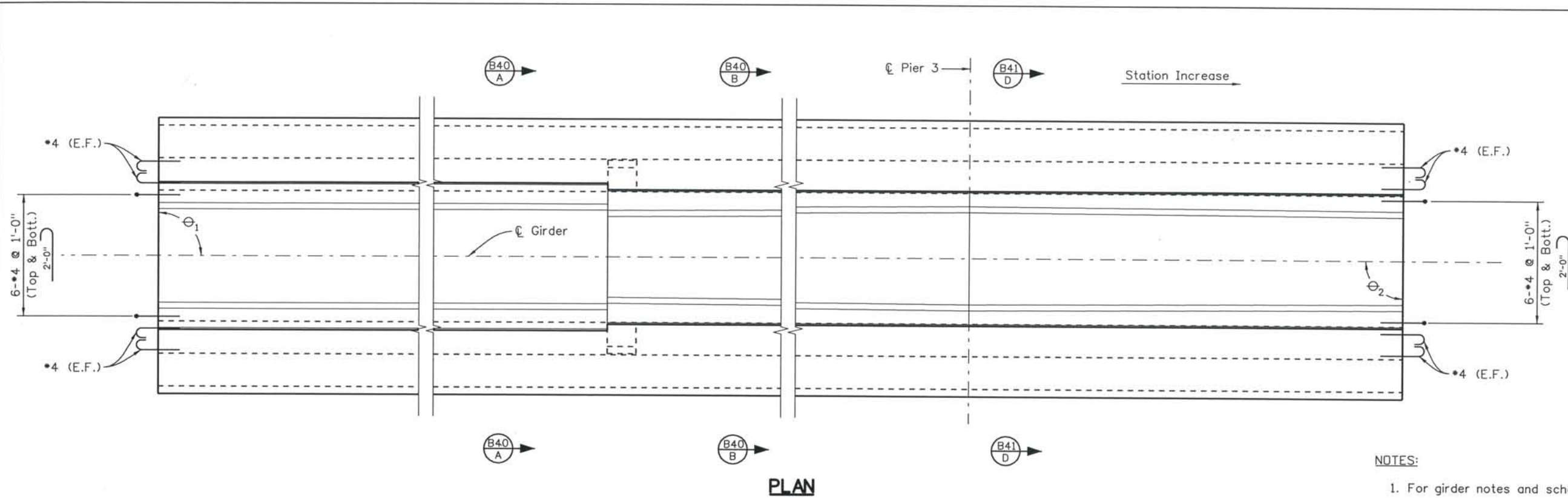
File Name: DSI-BRBJ-GR103.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740

Project Dwg. No.: DSI-BJ-B38
 Structure Sheet No.: B38 of 59

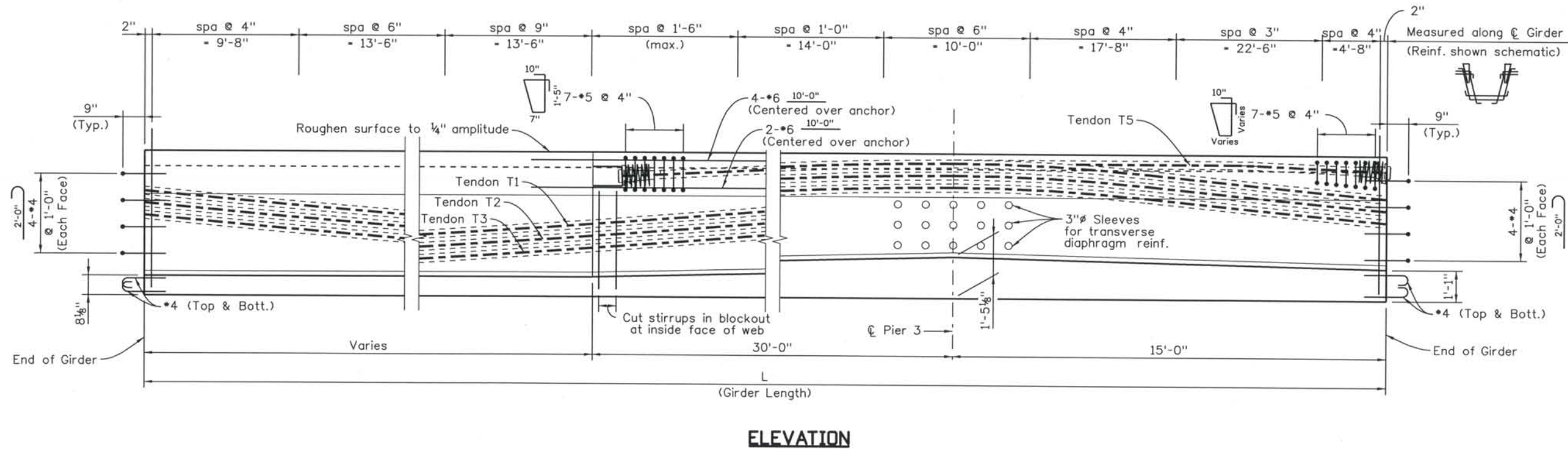
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



NOTES:

1. For girder notes and schedule, see sheet B41

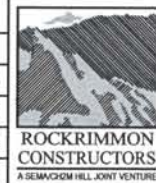


ELEVATION

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:29:17 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4" at 11x17 Units: US Survey Foot
 As-Built
 327504.DS1 Bridge

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
A	90% DESIGN SUBMITTAL	04/24/06	
B	UPRR REVIEW - 90% REVIEW	05/09/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



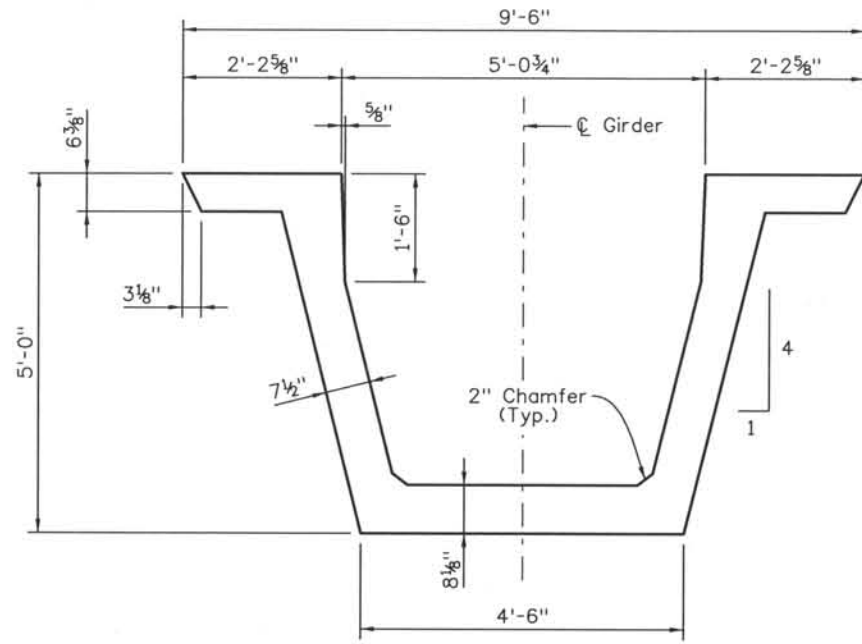
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 2
 1 OF 3

File Name: DS1-BRBJ-GR201.dgn
 Structure Number: CSG-G.15-08.84A

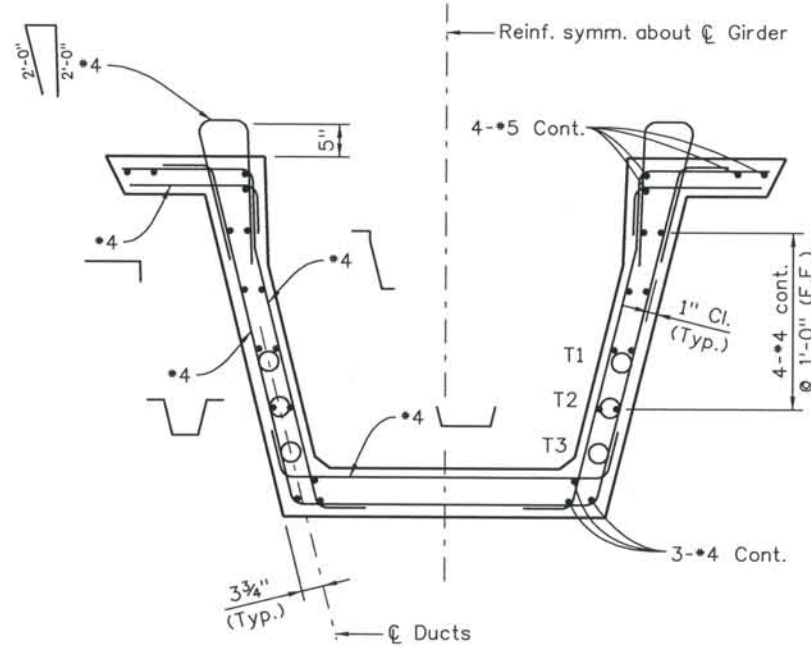
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B39
 Structure Sheet No.: B39 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

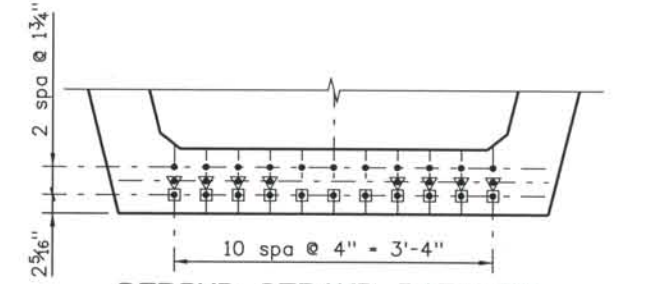
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



SECTION B39 A
(Dimensions)

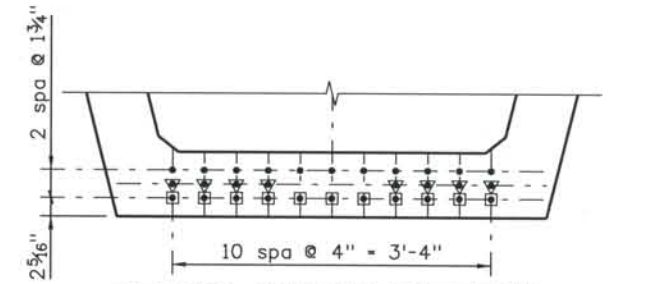


SECTION B39 A
(Reinforcement)



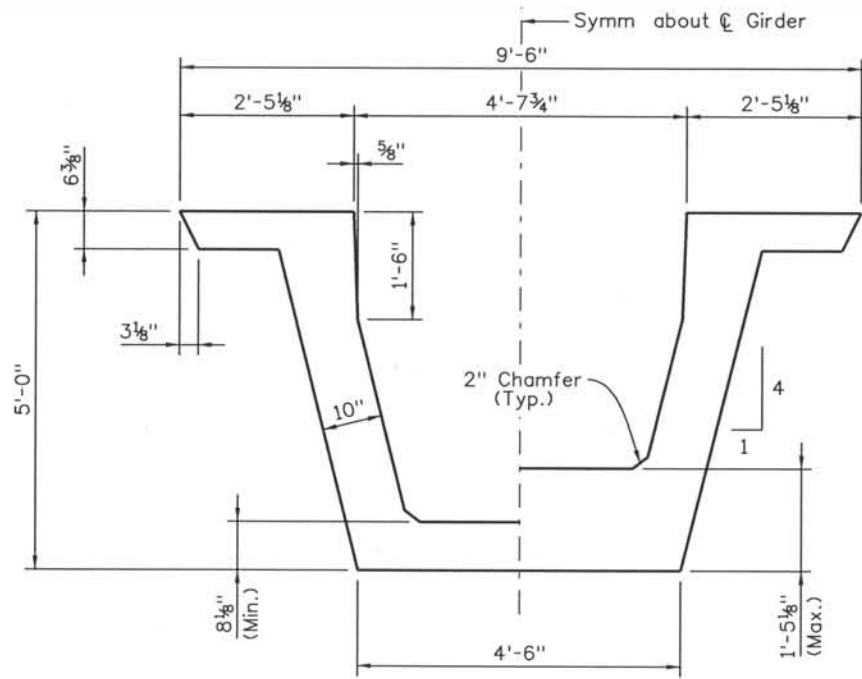
DEBOND STRAND PATTERN
(Downstation End)

- ▼ - Debond 8 strands 10'-0" from downstation end
- - Debond 11 strands 20'-0" from downstation end

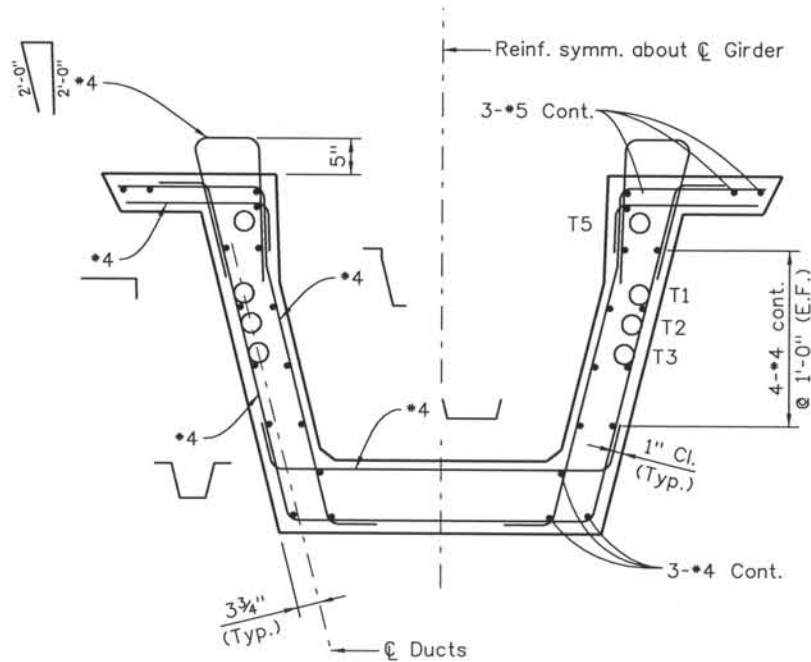


DEBOND STRAND PATTERN
(Upstation End)

- ▼ - Debond 8 strands 15'-0" from upstation end
- - Debond 11 strands 25'-0" from upstation end



SECTION B39 B
(Dimensions)

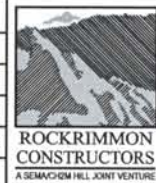


SECTION B39 B
(Reinforcement)

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:29:20 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



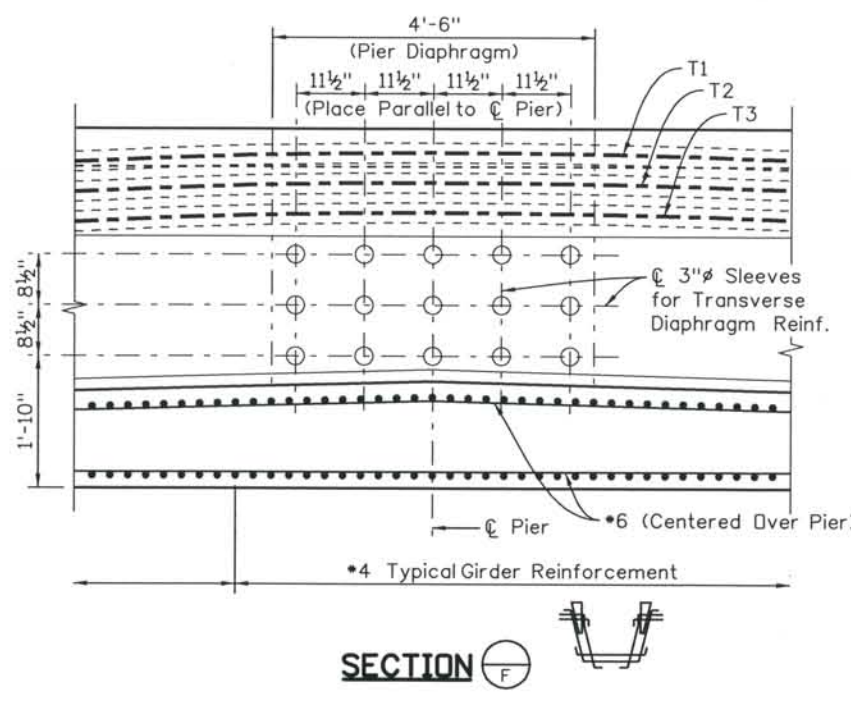
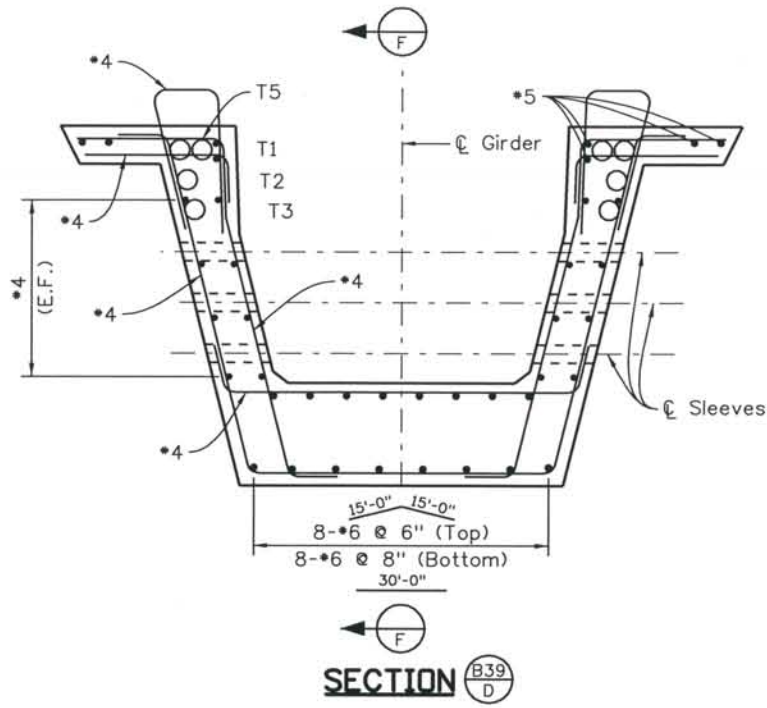
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 2
 2 OF 3

File Name: DSI-BRBJ-GR202.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B40
 Structure Sheet No.: B40 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



NOTES:

When approved by the Engineer, a minimum of tack welding will be permitted on ASTM A706 uncoated reinforcing steel.

Reinforcing projecting from the top of the girder and reinforcing within eight feet of an expansion device in the bridge deck shall be epoxy coated. Damaged coating on girder reinforcing need not be repaired. The minimum cover for reinforcing steel is 1".

At girder ends not embedded in concrete diaphragms, cut strands off 1" below the surface of the concrete and finish with an approved epoxy grout. At girder ends embedded in concrete diaphragms, cut strands to project 3", except as shown. Do not make cosmetic repairs (damage less than 1/4" deep) to the parts of the girders embedded in concrete.

Use low relaxation strands meeting the requirements of ASTM A-416 Grade 270. The minimum clear distance between groups or individual strands shall be 2.3 (d_s) but not less than 1 3/8". The minimum cover for prestressing steel is 1 1/2".

- A_s* = minimum area of the prestressing steel.
- d_s = nominal strand diameter.
- f'_s = ultimate strength of the prestressing steel.
- F_j = jacking force per girder.
- F_f = final force per girder after all losses.
- f'_{ci} = required concrete strength at release of prestress force.
- f'_c = required concrete strength at 28 days of age.
- L = length of girder along the grade of the girder.
- Δ = deflection at centerline of span due to cast-in-place slab, diaphragms, asphalt, curbs, rails and walks.
- ⊖ = skew angle of girder ends

Concrete shall be Class PS.

Entrained air is not required for girder concrete

Use 1/2" chamfer on all corners, except as noted.

Dimensional tolerances for precast "U" girders shall be those tolerances specified in MNL-116, Section 6.4 as shown for I girders with the following exception: Flange widths and widths between flanges ± 1/8"/ft width, ± 1/4" minimum. Variation from specified plan end squareness or skew, ± 1/8"/ft width of each flange or overall width.

- D20 wires may be used in lieu of *4.
- 2-D20 wires may be used in lieu of *6.
- D11 or W10.9 wires may be used in lieu of *3.
- W5 wires may be used in lieu of *2.
- Lightly tensioned strand in an alternate for *4 cont.

GIRDER SCHEDULE												
Span No.	Girder No.	L (feet)	⊖ ₁ (deg)	⊖ ₂ (deg)	A _s * (in sq)	E _E (inch) (DS)	E _E (inch) (US)	E _{MS} (inch)	F _J (kips)	F _F (kips)	Concrete Strength	
											f' _{ci} (psi)	f' _c (psi)
2	G1	133.02	90.0	90.0	6.510	5.81	5.81	4.06	1318	1038	6000	8500
	G2	133.00	90.0	90.0	6.510	5.81	5.81	4.06	1318	1038	6000	8500
	G3	133.00	90.0	90.0	6.510	5.81	5.81	4.06	1318	1038	6000	8500
	G4	133.01	90.0	90.0	6.510	5.81	5.81	4.06	1318	1038	6000	8500
	G5	133.05	90.0	90.0	6.510	5.81	5.81	4.06	1318	1038	6000	8500
	G6	133.11	90.0	90.0	6.510	5.81	5.81	4.06	1318	1038	6000	8500
	G7	133.18	90.0	90.0	6.510	5.81	5.81	4.06	1318	1038	6000	8500

DS - Downstation
US - Upstation

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:23 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



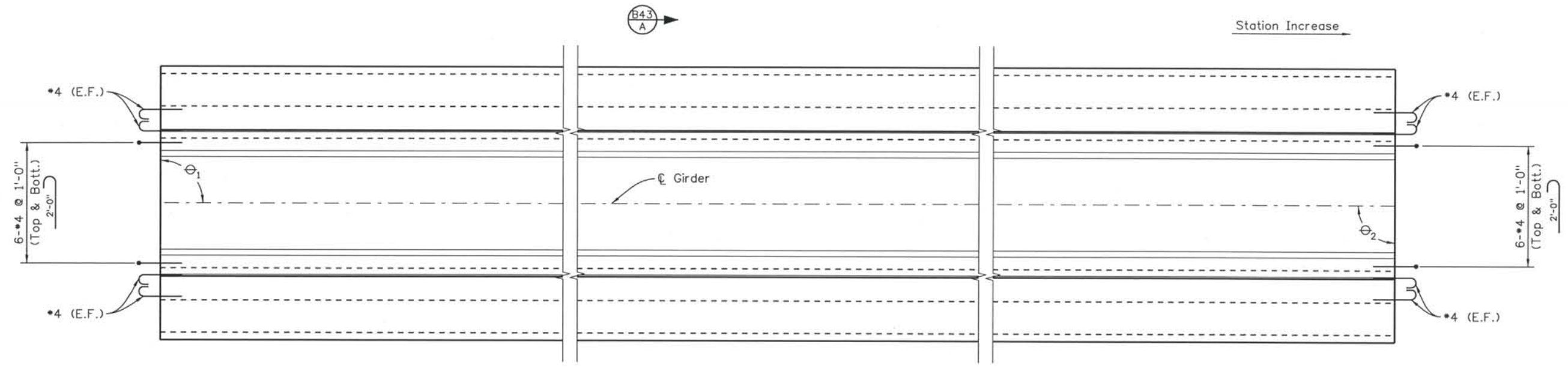
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 2
 3 OF 3

File Name: DS1-BRBJ-GR203.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B41
 Structure Sheet No.: B41 of 59

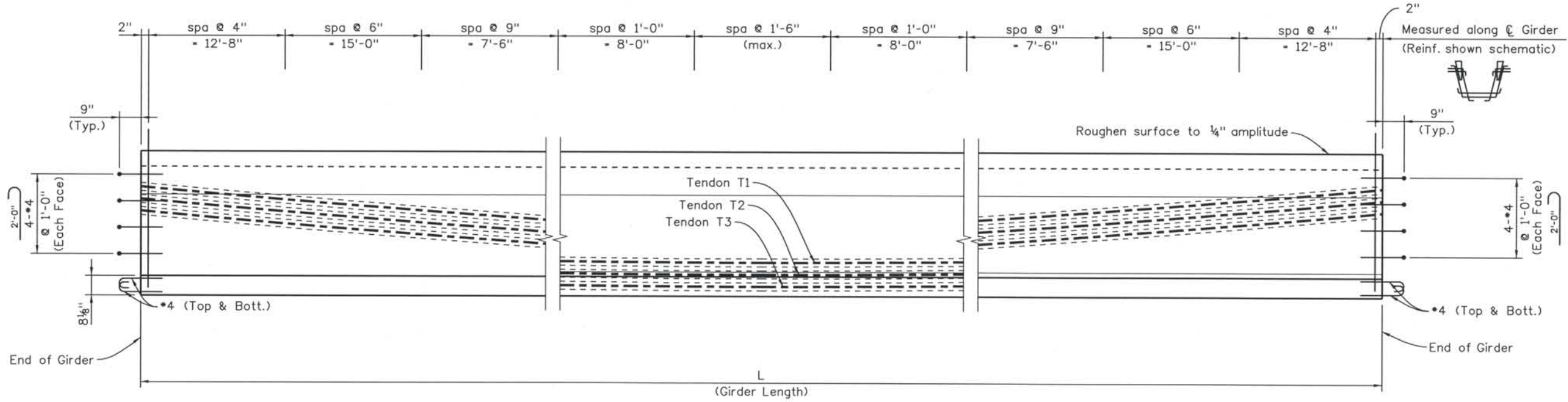
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN

NOTES:
 1. For girder notes and schedule, see sheet B44



ELEVATION

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:27 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 1/4" = 1'-0" Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



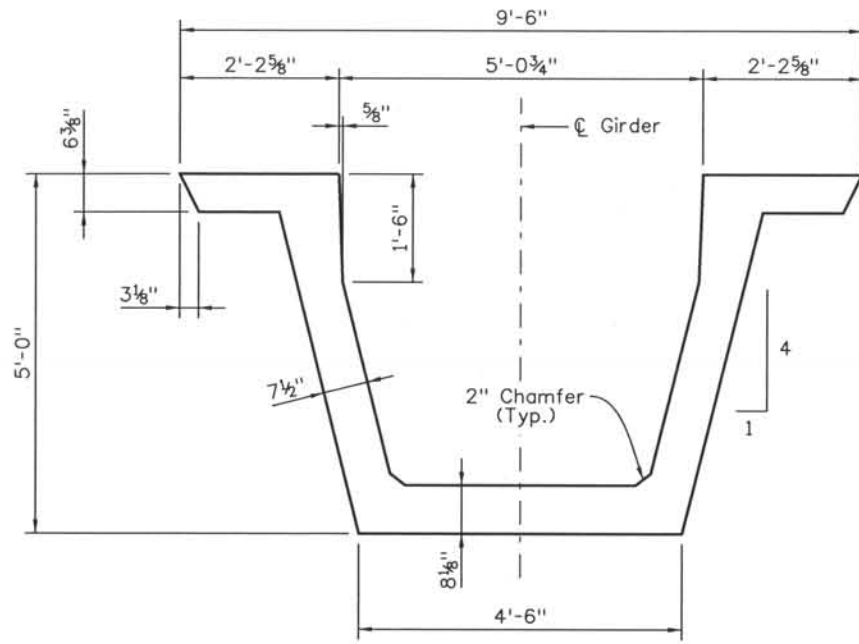
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 3
 1 OF 3

File Name: DS1-BRBJ-GR301.dgn
 Structure Number: CSG-G.15-08.84A

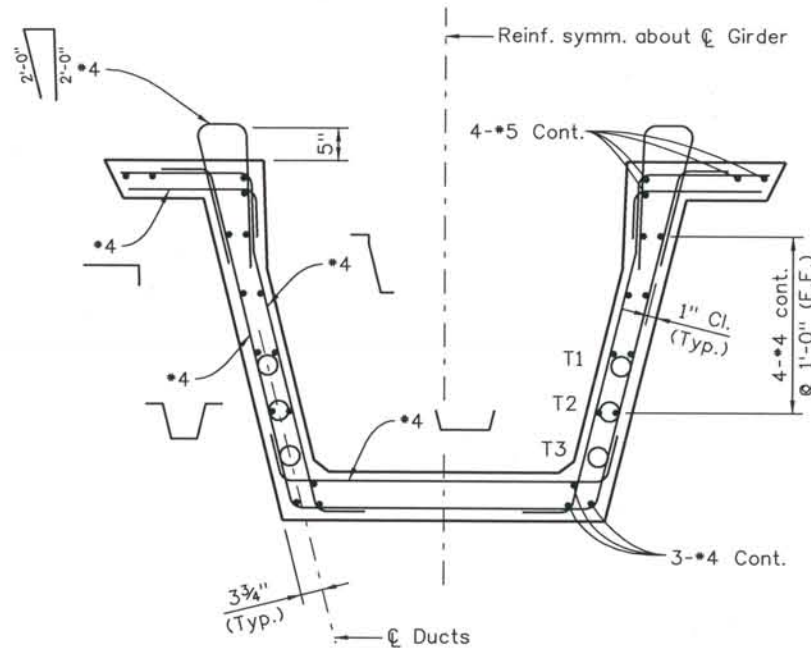
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B42
 Structure Sheet No.: B42 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

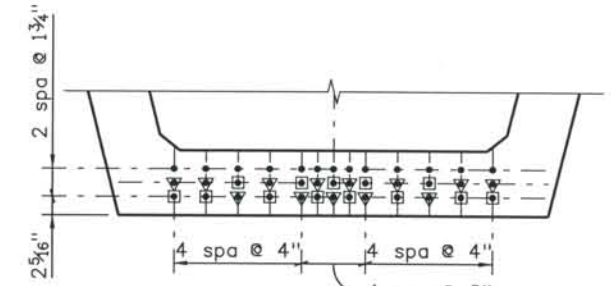
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION (B42/A)
(Dimensions)

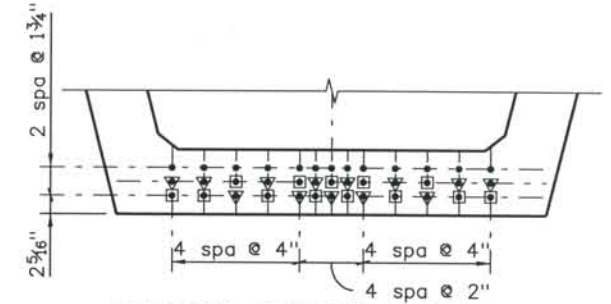


SECTION (B42/A)
(Reinforcement)



DEBOND STRAND PATTERN
(Downstation End)

- ▼ - Debond 13 strands 10'-0" from downstation end
- - Debond 13 strands 20'-0" from downstation end



DEBOND STRAND PATTERN
(Downstation End)

- ▼ - Debond 13 strands 10'-0" from downstation end
- - Debond 13 strands 20'-0" from downstation end

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:29:30 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 3
 2 OF 3

File Name: DSI-BRBJ-GR302.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B43
 Structure Sheet No.: B43 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 3
 3 OF 3

File Name: DS1-BRBJ-GR303.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B44
 Structure Sheet No.: B44 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

NOTES:

When approved by the Engineer, a minimum of tack welding will be permitted on ASTM A706 uncoated reinforcing steel.

Reinforcing projecting from the top of the girder and reinforcing within eight feet of an expansion device in the bridge deck shall be epoxy coated. Damaged coating on girder reinforcing need not be repaired. The minimum cover for reinforcing steel is 1".

At girder ends not embedded in concrete diaphragms, cut strands off 1" below the surface of the concrete and finish with an approved epoxy grout. At girder ends embedded in concrete diaphragms, cut strands to project 3", except as shown. Do not make cosmetic repairs (damage less than 1 1/4" deep) to the parts of the girders embedded in concrete.

Use low relaxation strands meeting the requirements of ASTM A-416 Grade 270. The minimum clear distance between groups or individual strands shall be 2.3 (d_s) but not less than 1 3/8". The minimum cover for prestressing steel is 1 1/2".

- A_s* = minimum area of the prestressing steel.
- d_s = nominal strand diameter.
- f'_s = ultimate strength of the prestressing steel.
- F_j = jacking force per girder.
- F_f = final force per girder after all losses.
- f'_{ci} = required concrete strength at release of prestress force.
- f'_c = required concrete strength at 28 days of age.
- L = length of girder along the grade of the girder.
- Δ = deflection at centerline of span due to cast-in-place slab, diaphragms, asphalt, curbs, rails and walks.
- ⊖ = skew angle of girder ends

Concrete shall be Class PS.

Entrained air is not required for girder concrete

Use 1/2" chamfer on all corners, except as noted.

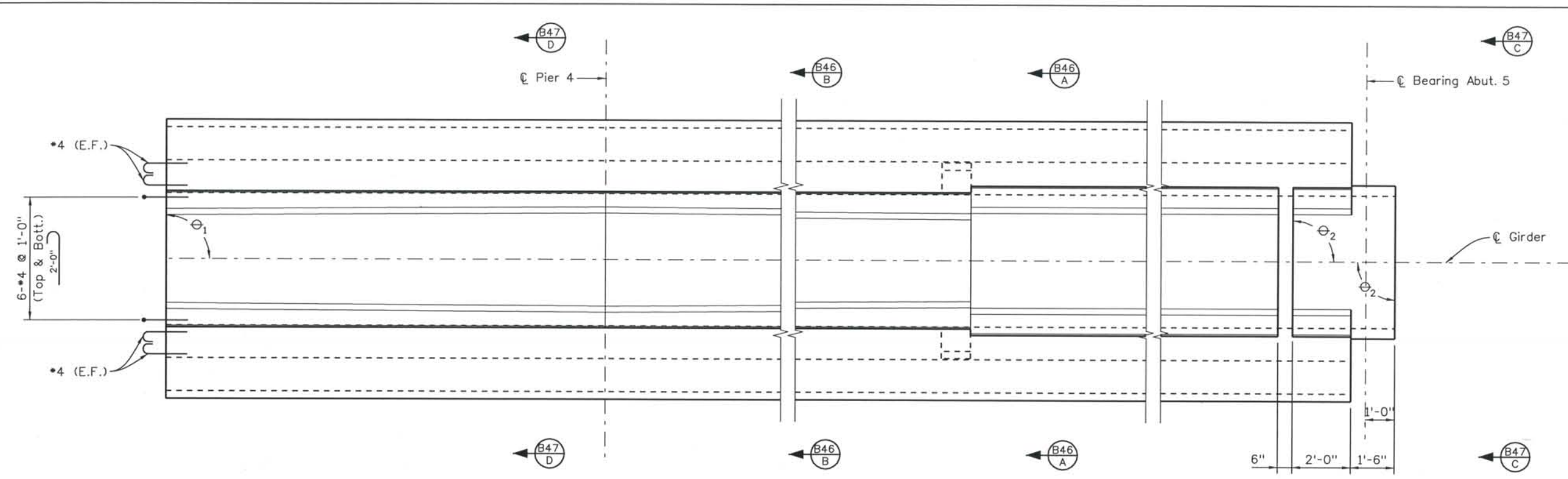
Dimensional tolerances for precast "U" girders shall be those tolerances specified in MNL-116, Section 6.4 as shown for I girders with the following exception: Flange widths and widths between flanges ± 1/16"/ft width, ± 1/4" minimum. Variation from specified plan end squareness or skew, ± 1/8"/ft width of each flange or overall width.

D20 wires may be used in lieu of #4.
 2-D20 wires may be used in lieu of #6.
 D11 or W10.9 wires may be used in lieu of #3.
 W5 wires may be used in lieu of #2.
 Lightly tensioned strand in an alternate for #4 cont.

GIRDER SCHEDULE												
Span No.	Girder No.	L (feet)	⊖ ₁ (deg)	⊖ ₂ (deg)	A _s * (in sq)	E _E (inch) (DS)	E _E (inch) (US)	E _{ms} (inch)	F _J (kips)	F _F (kips)	Concrete Strength	
											f' _{ci} (psi)	f' _c (psi)
3	G1	114.70	90.0	90.0	8.463	5.81	5.81	4.06	1714	1280	6000	8500
	G2	114.47	90.0	90.0	8.463	5.81	5.81	4.06	1714	1280	6000	8500
	G3	114.31	90.0	90.0	8.463	5.81	5.81	4.06	1714	1280	6000	8500
	G4	114.22	90.0	90.0	8.463	5.81	5.81	4.06	1714	1280	6000	8500
	G5	114.20	90.0	90.0	8.463	5.81	5.81	4.06	1714	1280	6000	8500
	G6	114.24	90.0	90.0	8.463	5.81	5.81	4.06	1714	1280	6000	8500
	G7	114.36	90.0	90.0	8.463	5.81	5.81	4.06	1714	1280	6000	8500

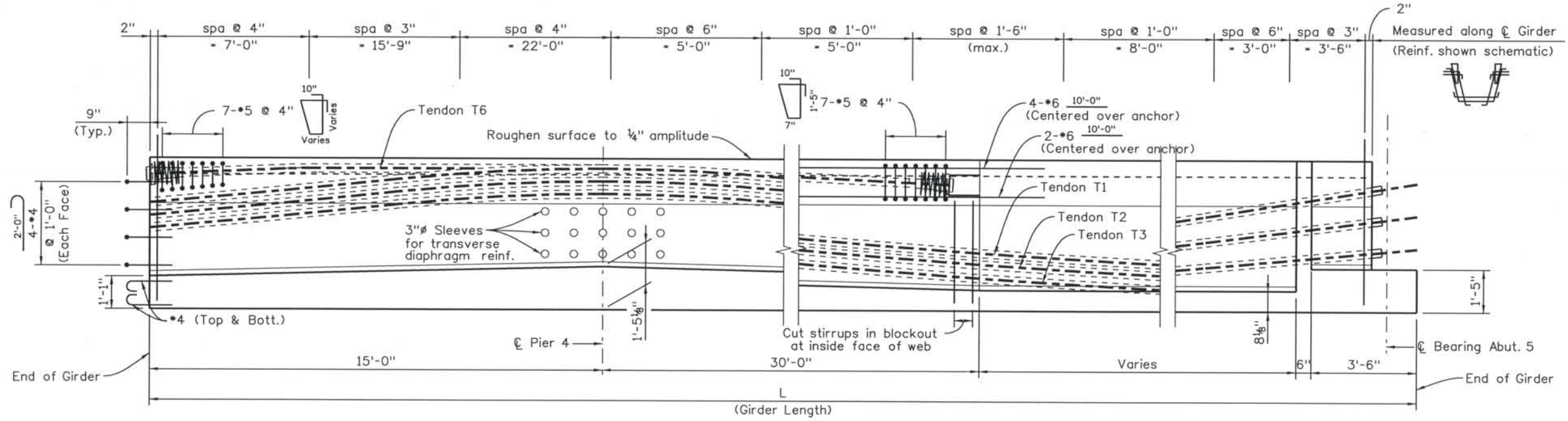
DS = Downstation
 US = Upstation

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



PLAN

NOTES:
 1. For girder notes and schedule, see sheet B47



ELEVATION

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:35 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 1/4 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



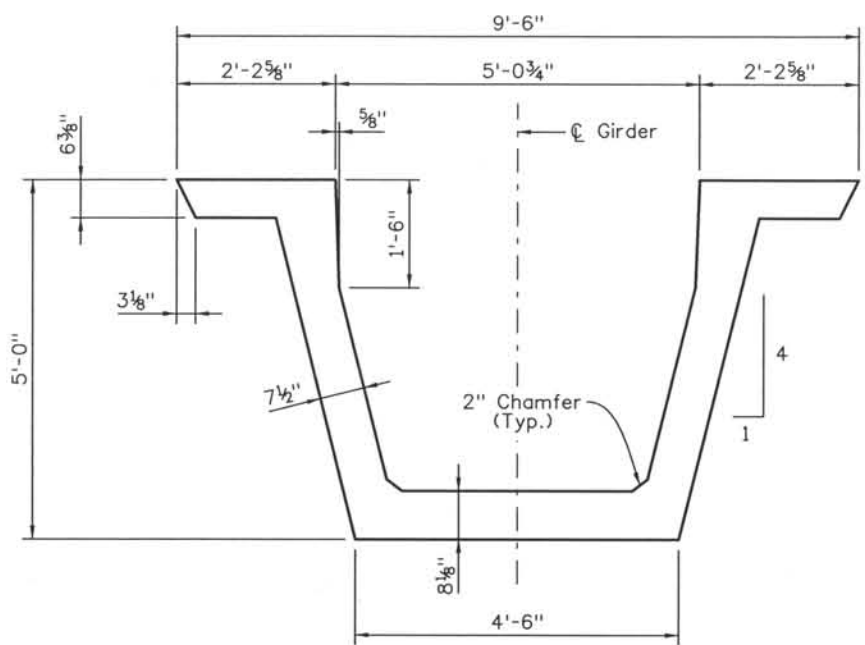
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
CONCRETE U-GIRDER DETAILS - SPAN 4
 1 OF 3

File Name: DS1-BRBJ-GR401.dgn
 Structure Number: CSG-G.15-08.84A

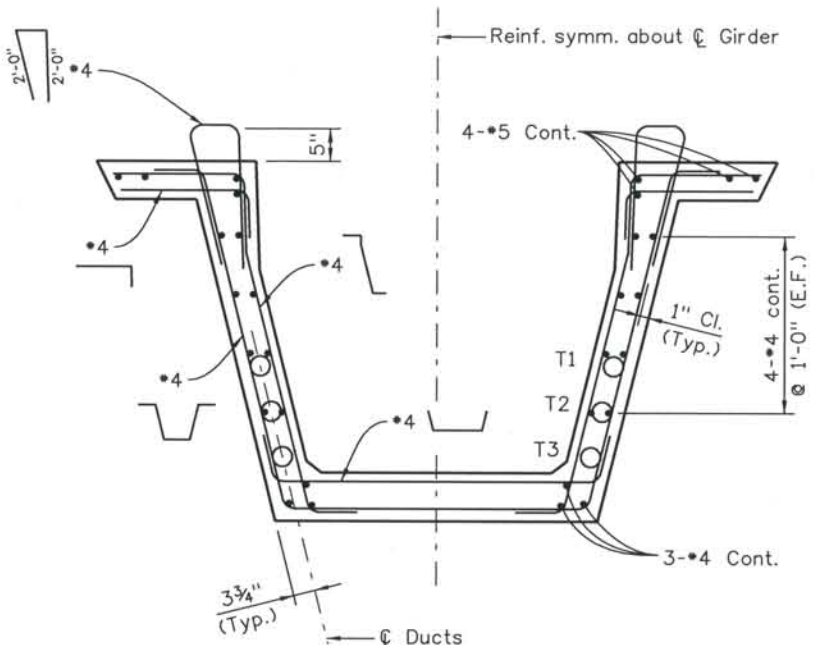
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B45
 Structure Sheet No.: B45 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

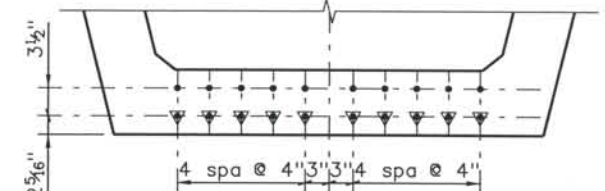
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION B45 A
(Dimensions)

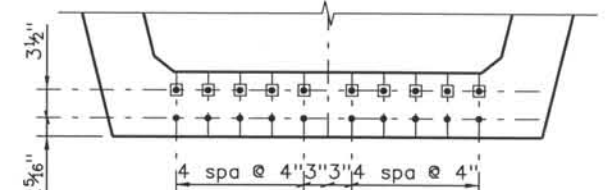


SECTION B45 A
(Reinforcement)



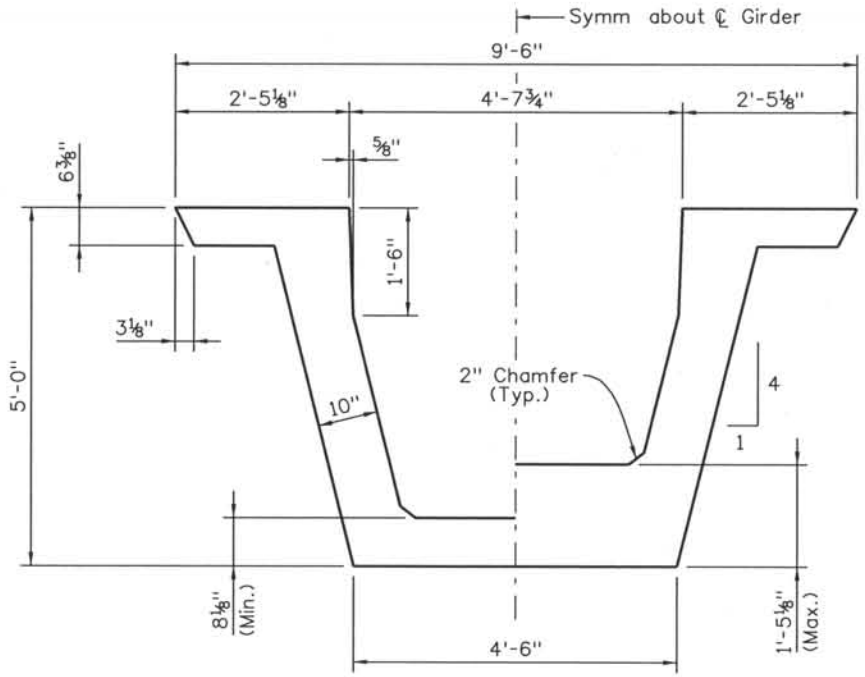
DEBOND STRAND PATTERN
(Downstation End)

▼ • Debond 10 strands 15'-0" from downstation end

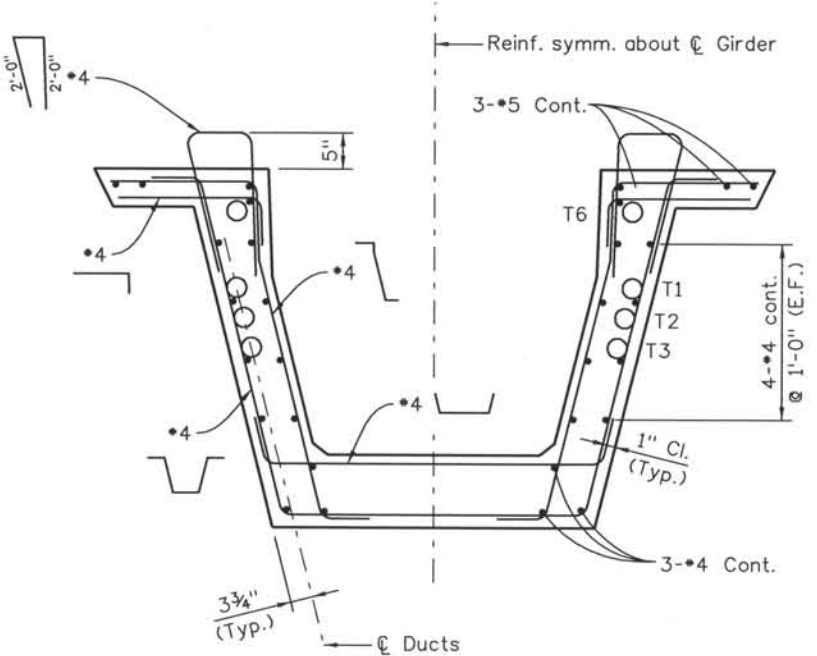


DEBOND STRAND PATTERN
(Upstation End)

■ • Debond 10 strands 10'-0" from upstation end



SECTION B45 B
(Dimensions)



SECTION B45 B
(Reinforcement)

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:39 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 4
 2 OF 3

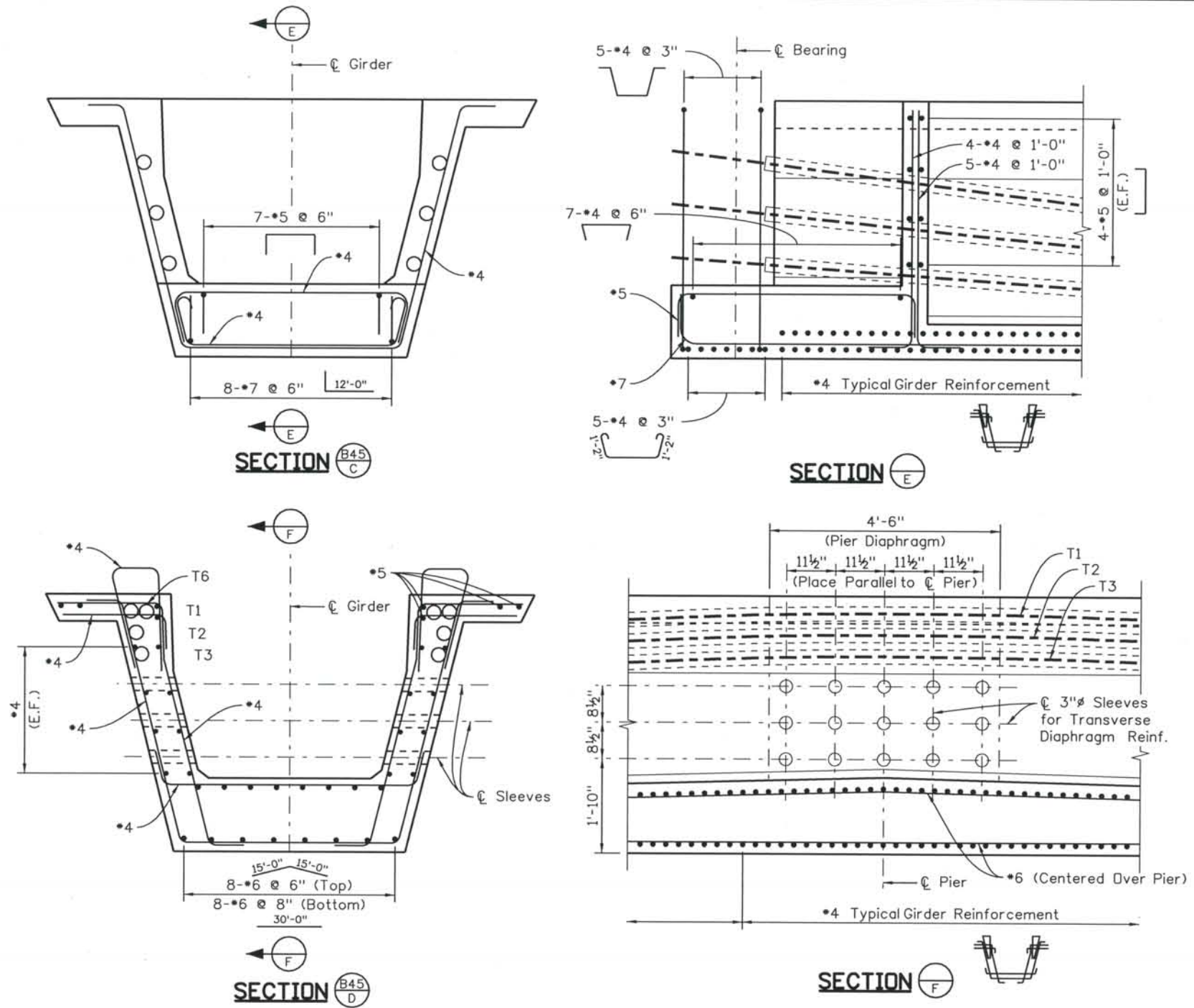
File Name: DSI-BRBJ-GR402.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B46
 Structure Sheet No.: B46 OF 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:42 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/8 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge As-Built



NOTES:

When approved by the Engineer, a minimum of tack welding will be permitted on ASTM A706 uncoated reinforcing steel.

Reinforcing projecting from the top of the girder and reinforcing within eight feet of an expansion device in the bridge deck shall be epoxy coated. Damaged coating on girder reinforcing need not be repaired. The minimum cover for reinforcing steel is 1".

At girder ends not embedded in concrete diaphragms, cut strands off 1" below the surface of the concrete and finish with an approved epoxy grout. At girder ends embedded in concrete diaphragms, cut strands to project 3", except as shown. Do not make cosmetic repairs (damage less than 1 1/4" deep) to the parts of the girders embedded in concrete.

Use low relaxation strands meeting the requirements of ASTM A-416 Grade 270. The minimum clear distance between groups or individual strands shall be 2.3 (d_s) but not less than 1 3/8". The minimum cover for prestressing steel is 1 1/2".

- A_s* = minimum area of the prestressing steel.
- d_s = nominal strand diameter.
- f'_s = ultimate strength of the prestressing steel.
- F_j = jacking force per girder.
- F_f = final force per girder after all losses.
- f'_{ci} = required concrete strength at release of prestress force.
- f'_c = required concrete strength at 28 days of age.
- L = length of girder along the grade of the girder.
- Δ = deflection at centerline of span due to cast-in-place slab, diaphragms, asphalt, curbs, rails and walks.
- Θ = skew angle of girder ends

Concrete shall be Class PS.

Entrained air is not required for girder concrete

Use 1/2" chamfer on all corners, except as noted.

Dimensional tolerances for precast "U" girders shall be those tolerances specified in MNL-116, Section 6.4 as shown for I girders with the following exception: Flange widths and widths between flanges ± 1/16"/ft width, ± 1/4" minimum. Variation from specified plan end squareness or skew, ± 1/16"/ft width of each flange or overall width.

- D20 wires may be used in lieu of #4.
- 2-D20 wires may be used in lieu of #6.
- D11 or W10.9 wires may be used in lieu of #3.
- W5 wires may be used in lieu of #2.
- Lightly tensioned strand in an alternate for #4 cont.

GIRDER SCHEDULE												
Span No.	Girder No.	L (feet)	Θ ₁ (deg)	Θ ₂ (deg)	A _s * (in sq)	E _E (inch) (DS)	E _E (inch) (US)	E _{MS} (inch)	F _J (kips)	F _F (kips)	Concrete Strength	
											f' _{ci} (psi)	f' _c (psi)
4	G1	103.85	90.0	93.6	4.340	5.81	2.31	4.06	879	678	6000	8500
	G2	103.25	90.0	92.3	4.340	5.81	2.31	4.06	879	678	6000	8500
	G3	102.71	90.0	90.9	4.340	5.81	2.31	4.06	879	678	6000	8500
	G4	102.23	90.0	89.5	4.340	5.81	2.31	4.06	879	678	6000	8500
	G5	101.82	90.0	88.1	4.340	5.81	2.31	4.06	879	678	6000	8500
	G6	101.46	90.0	86.7	4.340	5.81	2.31	4.06	879	678	6000	8500
	G7	101.16	90.0	85.3	4.340	5.81	2.31	4.06	879	678	6000	8500

DS - Downstation
 US - Upstation

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CONCRETE U-GIRDER DETAILS - SPAN 4
 3 OF 3

File Name: DS1-BRBJ-GR403.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B47
 Structure Sheet No.: B47 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

NOTES

- When stressing tendons, no side of the girder shall be out of balance about the girder centerline by more than 0.5Fj.
- Girder concrete shall be Class PS. Closure and anchorage concrete shall be Class D.
- Anchorage devices shall be metallic. Anchorages shall be Multi-Plane DSI "MA" or VSL "EC" or equal.
- Each anchorage shall be confined within a reinforcing steel spiral (bursting steel) and spalling reinforcement (the grillage of #5 rebar) shall be placed in front of the bearing plates. Bursting and spalling reinforcement shall be Grade 60 and conform to the requirements of Section 602. Reinforcing steel spirals shall be one piece, no lap splices.
- The anchorage bearing plates and reinforcing steel spirals shall be covered with concrete to provide a minimum of 2" of cover.
- The design is based on the following:
 Fj = Total Tendon Jacking Force
 Ff = Final Force in Tendon after all losses
 Class D concrete: f'c = 4500 psi
 Class PS concrete: f'c = 8500 psi, fci = 6000 psi
 f's = 270 ksi
 μ = 0.20
 k = 0.0005 / ft
 Anchor set = 0.25"
- 0.6"Ø low-relaxation strands in rigid ducts was assumed in the design.
- Deviations from the duct pattern, strand size, and duct size assumed in the design shall be approved by the engineer.
- Reinforcing that interferes with the tendon alignment shall be adjusted as approved by the engineer.
- Shop drawings shall be prepared under the supervision (and contain the seal of) a Professional Engineer registered in the State of Colorado and in accordance with the requirements of subsection 618.01(a) and (c). Shop drawings shall provide:
 - Bearing plate and bursting steel size
 - Coordination of anchorages and anchorage reinforcing with other abutment cap and girder rebar.
 - All dimensions necessary to form concrete recesses, place anchorages and bursting steel in accordance with subsection 618.04(c)(6).
 - The strand elongations at jacking.

CONSTRUCTION AND TENDON STRESSING SEQUENCE

- Cast girders and remove from forms.
- Support girders at ends until Tendons 4, 5, and 6 are stressed. Prior to stressing Tendons 4, 5, and 6 place additional support under girder at point corresponding to centerline of pier. Provide support at centerline of pier after stressing Tendons 4, 5, and 6 until girders are shipped.
- Stress and grout Tendons 4, 5, and 6 after girder concrete reaches 28 day strength. Tendons 4, 5, and 6 shall be stressed from the end of girder only.
- Patch tendon anchor access block-outs in web with concrete equivalent to the girder concrete.
- Stressing, grouting, and patching for Tendons 4, 5, and 6 shall be performed prior to shipping girders.
- Erect girders and cast closure joints, pier diaphragms, and anchorages at abutments.
- Stress and grout Tendons 1, 2, & 3 when all anchorage, diaphragm, and closure concrete has achieved 28 day strength.
- Tendons 1, 2, and 3 shall be stressed from both ends of the bridge.

Tendon No.	Aps (Sq. In.)	Fj (kips)	Ff (kips)	Duct O.D. (Inch)
Tendon T1	1.953	395	294	3
Tendon T2	1.953	395	294	3
Tendon T3	1.953	395	294	3
Tendon T4	1.519	308	226	2.5
Tendon T5	1.519	308	226	2.5
Tendon T6	1.519	308	226	2.5

Note: Tendons labeled in pairs. Aps, Fj, and Ff are listed per each single tendon in the pair.

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:29:45 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



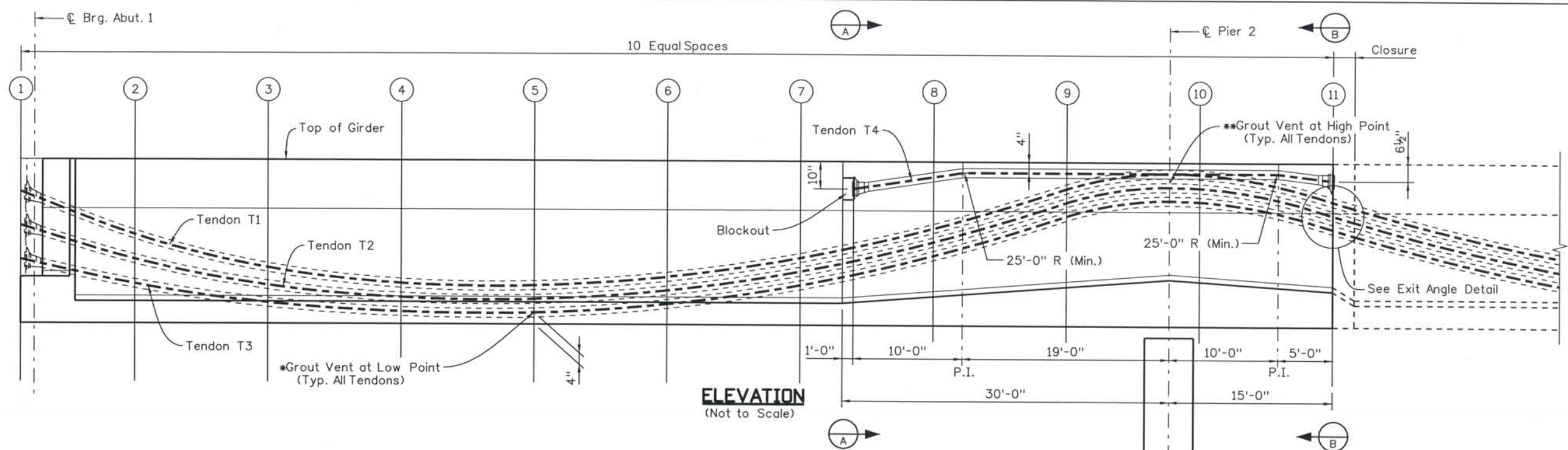
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
POST TENSIONING NOTES

File Name: DS1-BRBJ-PT06.dgn
 Structure Number: CSG-G.15-08.84A

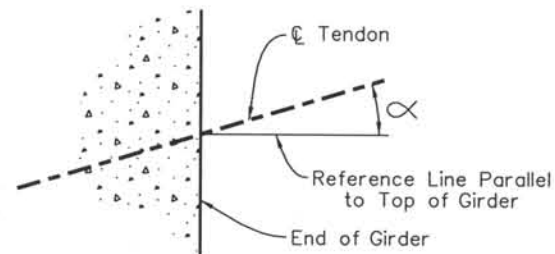
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B48
 Structure Sheet No.: B48 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



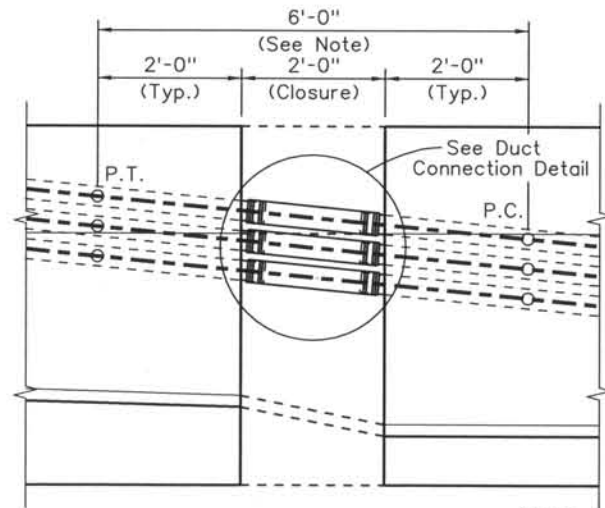
ELEVATION
(Not to Scale)



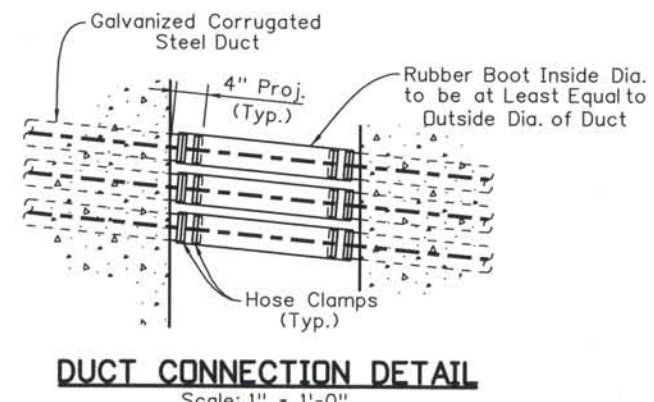
EXIT ANGLE DETAIL
(Not to Scale)

VARIABLE DIMENSIONS													
Tendon No.	α_1	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	α_2
Tendon T1	6.86°	0.83'	2.30'	3.28'	3.77'	3.80'	3.50'	2.89'	1.98'	0.78'	0.39'	1.48'	5.02°
Tendon T2	5.73°	1.75'	2.97'	3.79'	4.20'	4.21'	3.91'	3.31'	2.40'	1.20'	0.81'	1.90'	5.02°
Tendon T3	4.58°	2.67'	3.64'	4.30'	4.62'	4.63'	4.33'	3.72'	2.82'	1.62'	1.23'	2.31'	5.02°

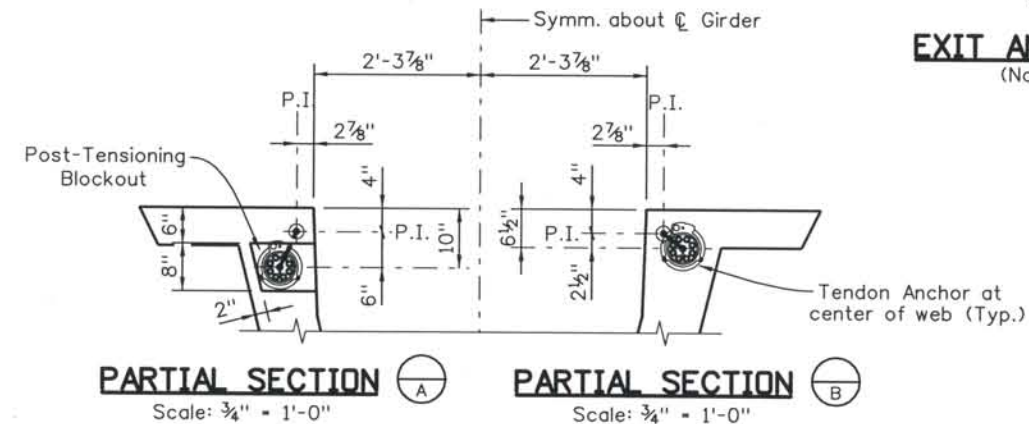
*Tendon low point at 0.4L, Typ.
 **Tendon high point at ϕ pier, Typ.



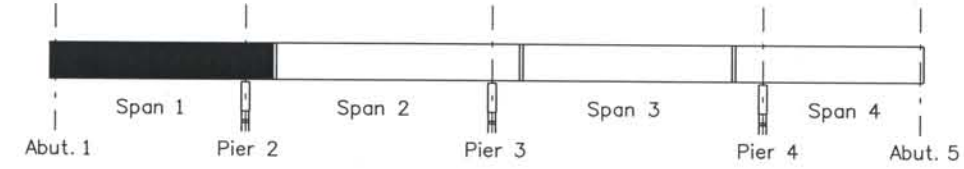
CLOSURE DETAIL
Scale: 3/4" = 1'-0"



DUCT CONNECTION DETAIL
Scale: 1" = 1'-0"



PARTIAL SECTION A Scale: 3/4" = 1'-0"
PARTIAL SECTION B Scale: 3/4" = 1'-0"



KEY PLAN
(Not to Scale)

Note: Ducts shall be Placed to be Tangent at Time of Erection through this Region.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:51 AM
 Plotted By: skramer

As-Built
 327504.DS1 Bridge
 Scale: 3/32 at 11x17 Units: US Survey Foot
 CAD Ver.: MicroStation V8 2004

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



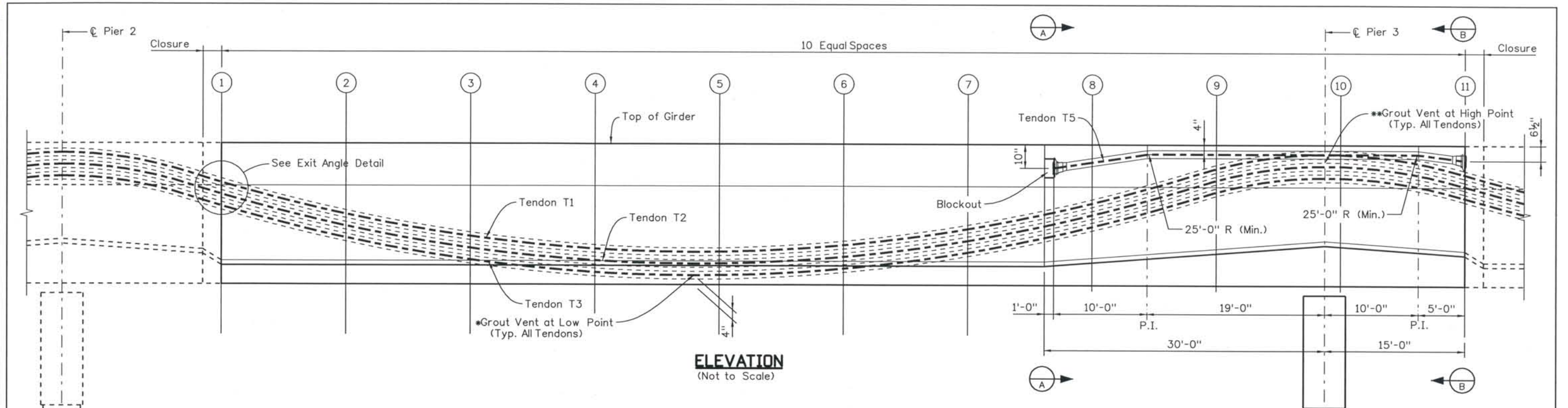
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
POST-TENSIONING LAYOUT
 1 OF 4

File Name: DSI-BRBJ-PT01.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B49
 Structure Sheet No.: B49 of 59

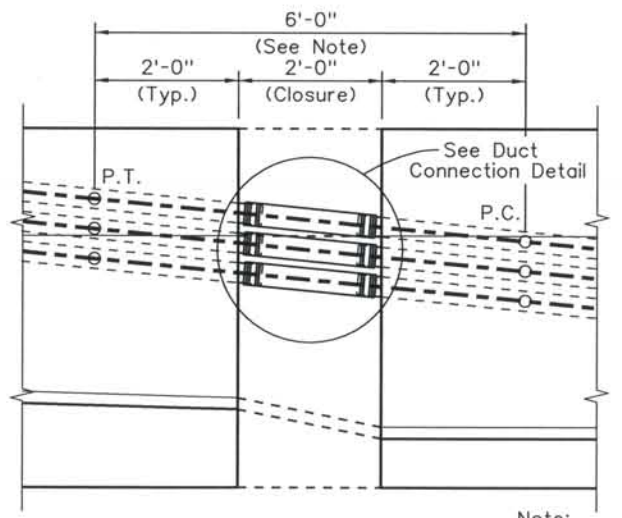
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



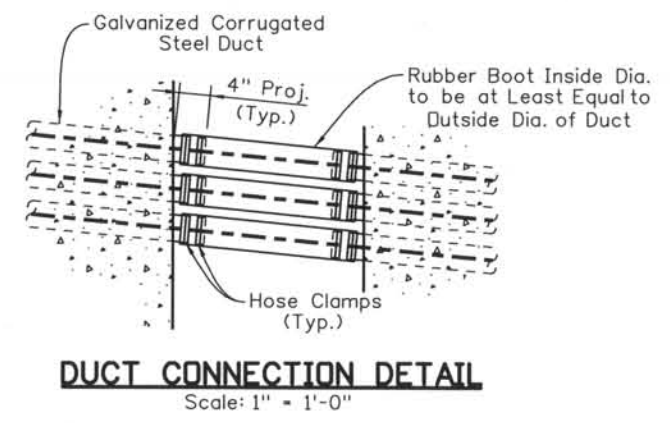
VARIABLE DIMENSIONS													
Tendon No.	α_1	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	α_2
Tendon T1	5.02°	1.66'	2.65'	3.35'	3.74'	3.83'	3.59'	3.01'	2.09'	0.85'	0.35'	1.36'	4.70°
Tendon T2	5.02°	2.07'	3.07'	3.76'	4.15'	4.24'	4.00'	3.43'	2.51'	1.27'	0.77'	1.78'	4.70°
Tendon T3	5.02°	2.49'	3.49'	4.18'	4.57'	4.66'	4.42'	3.84'	2.92'	1.68'	1.19'	2.19'	4.70°

*Tendon low point at midspan, Typ.
 **Tendon high point at ϕ pier, Typ.

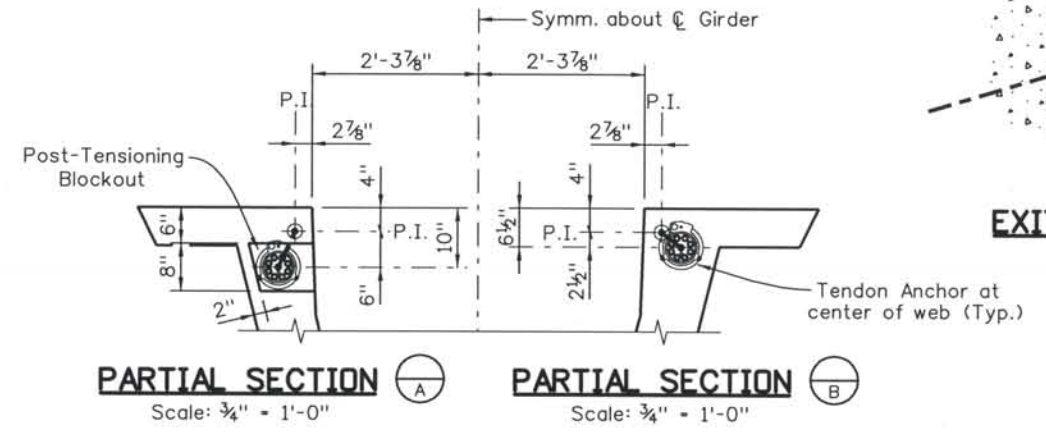


CLOSURE DETAIL
Scale: 3/4" = 1'-0"

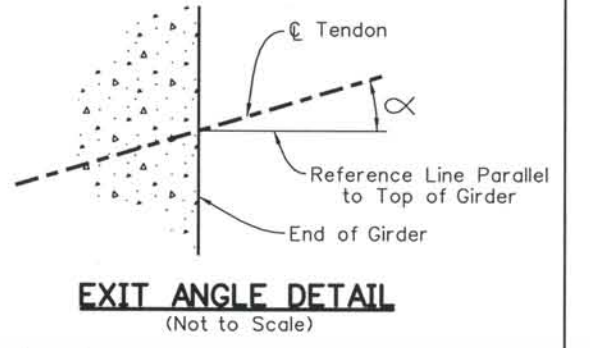
Note: Ducts shall be Placed to be Tangent at Time of Erection through this Region.



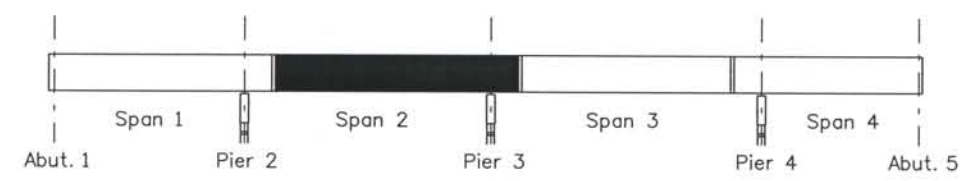
DUCT CONNECTION DETAIL
Scale: 1" = 1'-0"



PARTIAL SECTION A Scale: 3/4" = 1'-0"
PARTIAL SECTION B Scale: 3/4" = 1'-0"



EXIT ANGLE DETAIL
(Not to Scale)



KEY PLAN
(Not to Scale)

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:29:54 AM
 Plotted By: skramer
 CAD Ver: MicroStation V8 2004
 Scale: 3/32 at 11x17Units:US Survey Foot
 327504.DS1 Bridge As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



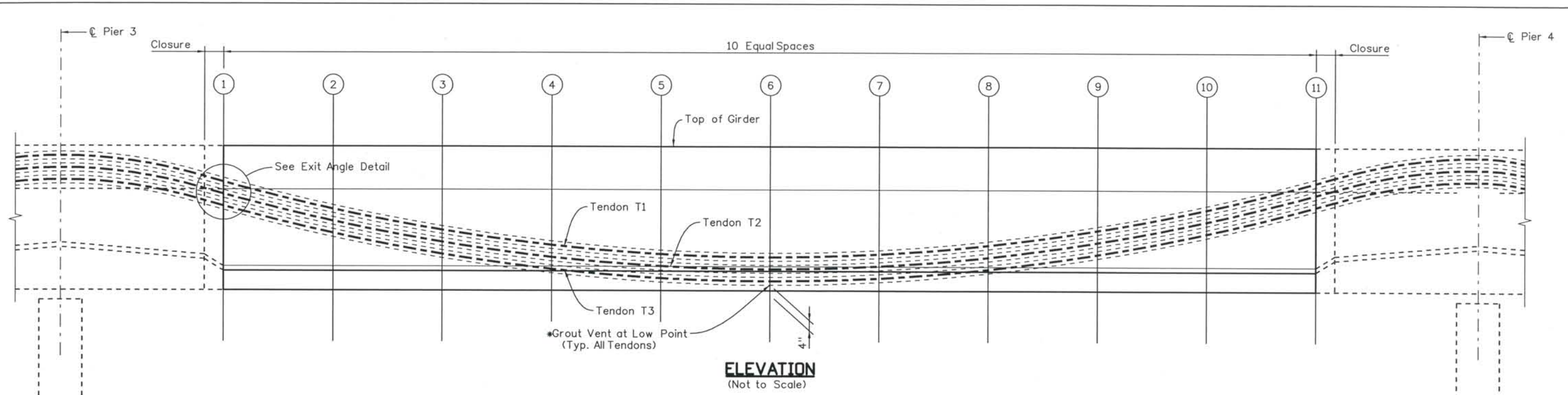
DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
POST-TENSIONING LAYOUT
 2 OF 4

File Name: DS1-BRBJ-PT02.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B50
 Structure Sheet No.: B50 of 59

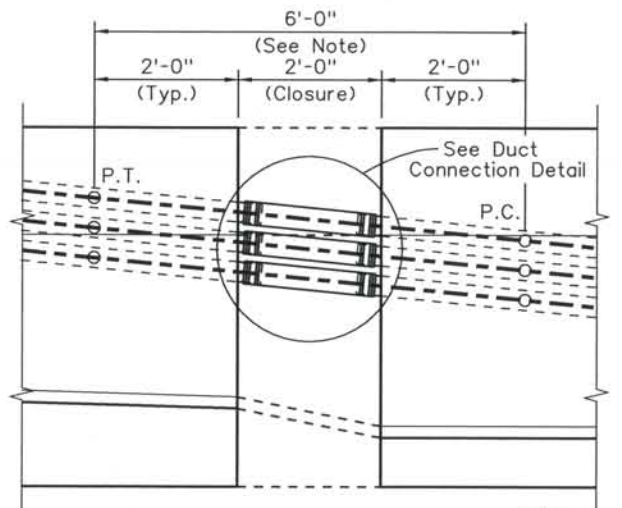
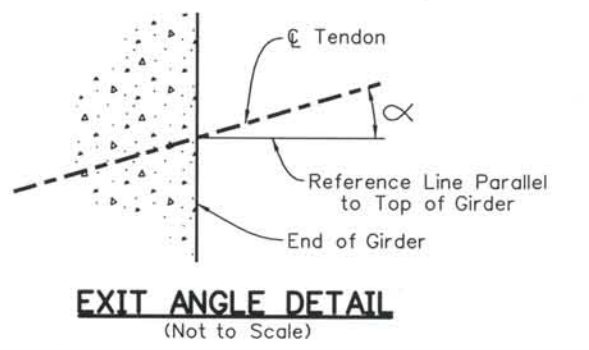
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

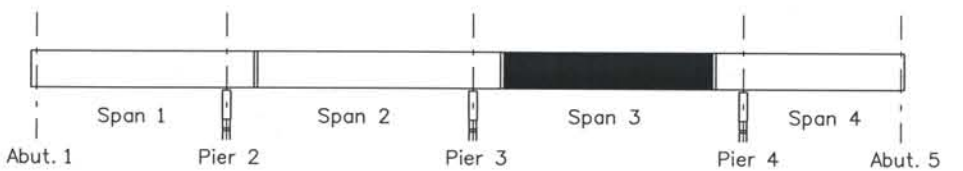
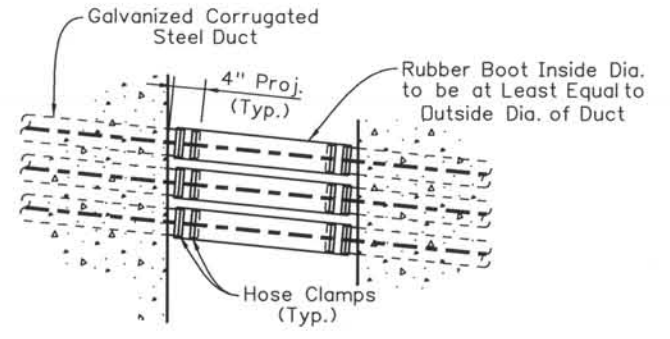


VARIABLE DIMENSIONS													
Tendon No.	α_1	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	α_2
Tendon T1	4.70°	1.52'	2.36'	3.00'	3.46'	3.74'	3.83'	3.74'	3.46'	3.00'	2.36'	1.52'	4.70°
Tendon T2	4.70°	1.94'	2.77'	3.42'	3.88'	4.16'	4.25'	4.16'	3.88'	3.42'	2.77'	1.94'	4.70°
Tendon T3	4.70°	2.36'	3.19'	3.84'	4.30'	4.57'	4.67'	4.57'	4.30'	3.84'	3.19'	2.36'	4.70°

*Tendon low point at midspan, Typ.



Note:
Ducts shall be Placed to be Tangent at Time of Erection through this Region.



Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:29:57 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/32 at 11x17Units:US Survey Foot
 327504.DS1 Bridge
 As-Built

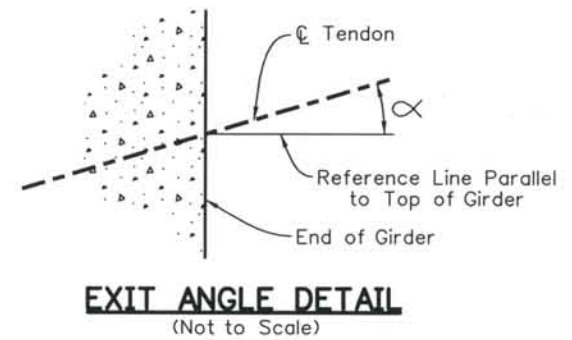
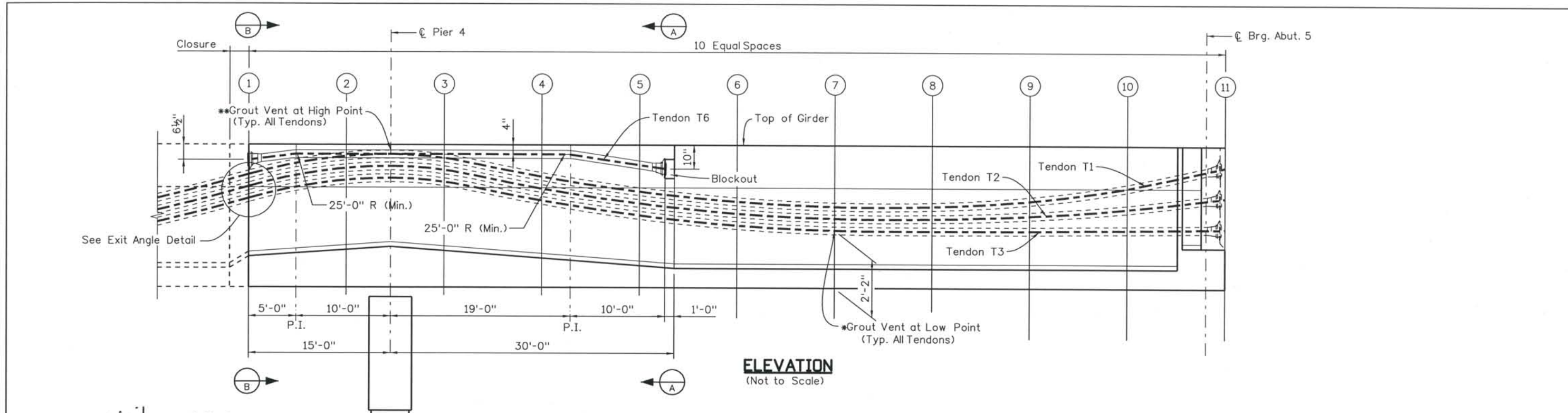
ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
POST-TENSIONING LAYOUT
 3 OF 4

File Name	DS1-BRBJ-PT03.dgn	Project No./Code	IM 0252-370 S.A. 14740
Structure Number	CSG-G.15-08.84A	Project Dwg. No.	DS1-BJ-B51
		Structure Sheet No.	B51 of 59

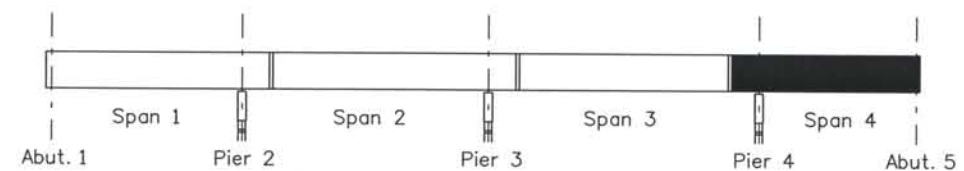
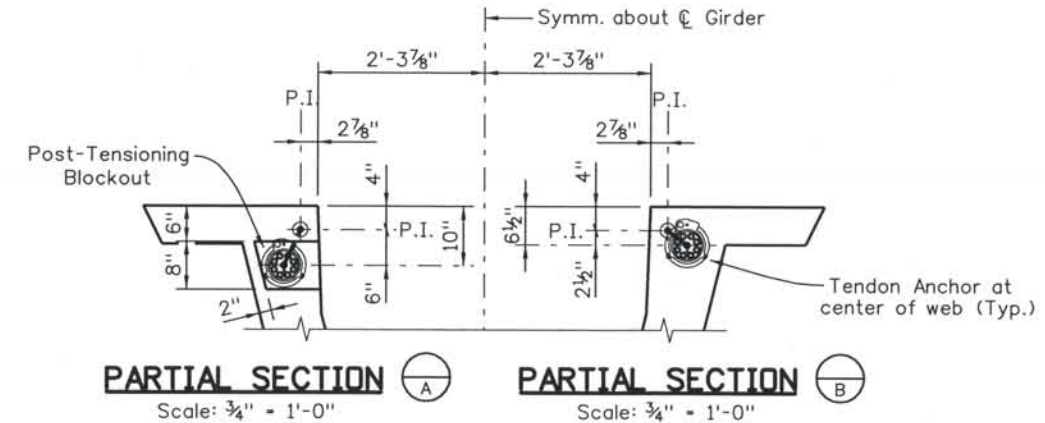
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



VARIABLE DIMENSIONS													
Tendon No.	α_1	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	α_2
Tendon T1	4.70°	1.35'	0.47'	0.33'	1.02'	1.49'	1.81'	1.97'	1.98'	1.80'	1.42'	0.83'	3.26°
Tendon T2	4.70°	1.77'	0.89'	0.75'	1.44'	1.91'	2.23'	2.39'	2.41'	2.30'	2.08'	1.75'	1.86°
Tendon T3	4.70°	2.19'	1.31'	1.17'	1.86'	2.33'	2.64'	2.81'	2.83'	2.81'	2.75'	2.67'	0.47°

*Tendon low point at 0.6L, Typ.
 **Tendon high point at ϕ pier, Typ.



Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:30:01 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: 3/32 at 11x17Units:US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
B	UPRR REVIEW - 90% SUBMITTAL	05/09/06
1	APPROVED FRO CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

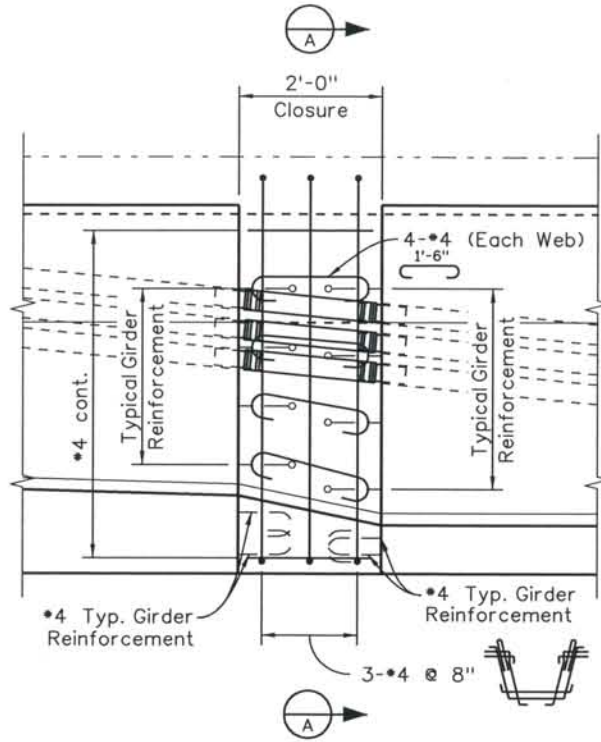


DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 POST-TENSIONING LAYOUT
 4 OF 4

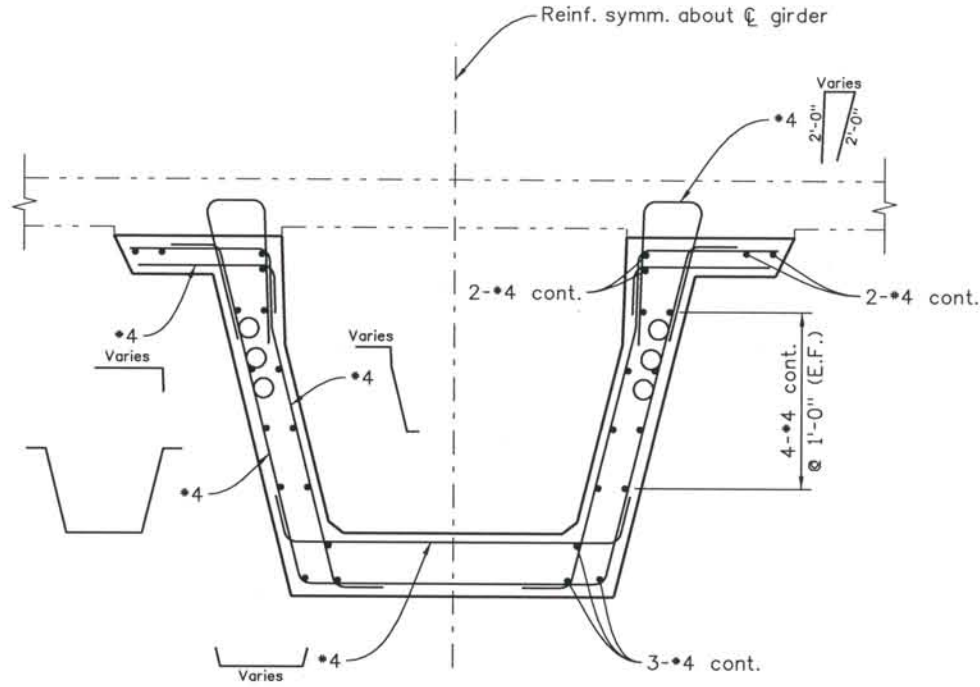
File Name: DSI-BRBJ-PT04.dgn	Project No./Code: IM 0252-370 S.A. 14740
Structure Number: CSG-G.15-08.84A	Project Dwg. No.: DSI-BJ-B52
	Structure Sheet No.: B52 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



CLOSURE POUR ELEVATION



SECTION A-A

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:30:03 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: 3/8 at 11x17 Units: US Survey Foot
 327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 CAST IN PLACE DETAILS

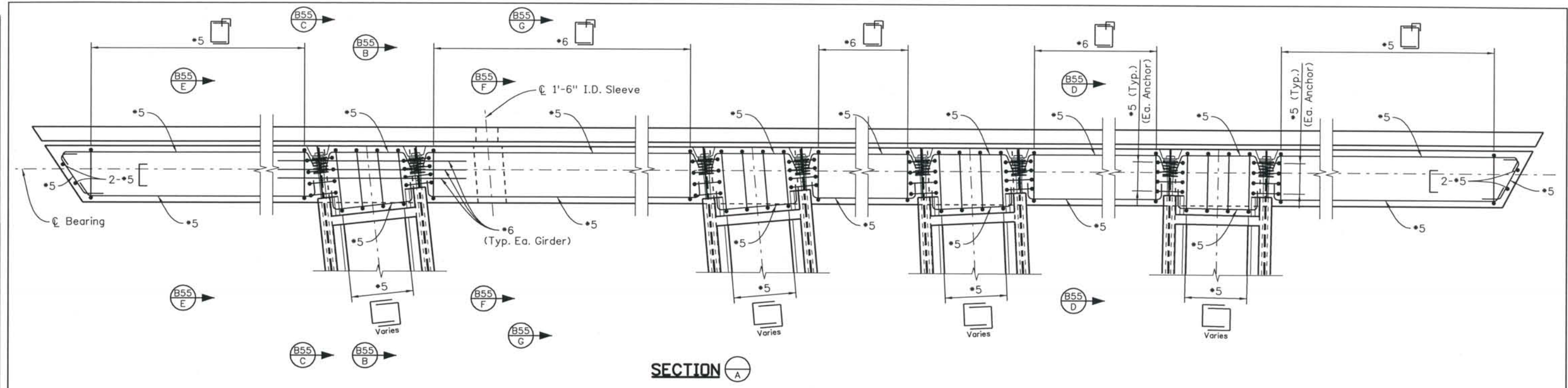
File Name: DSI-BRBJ-PT05.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740

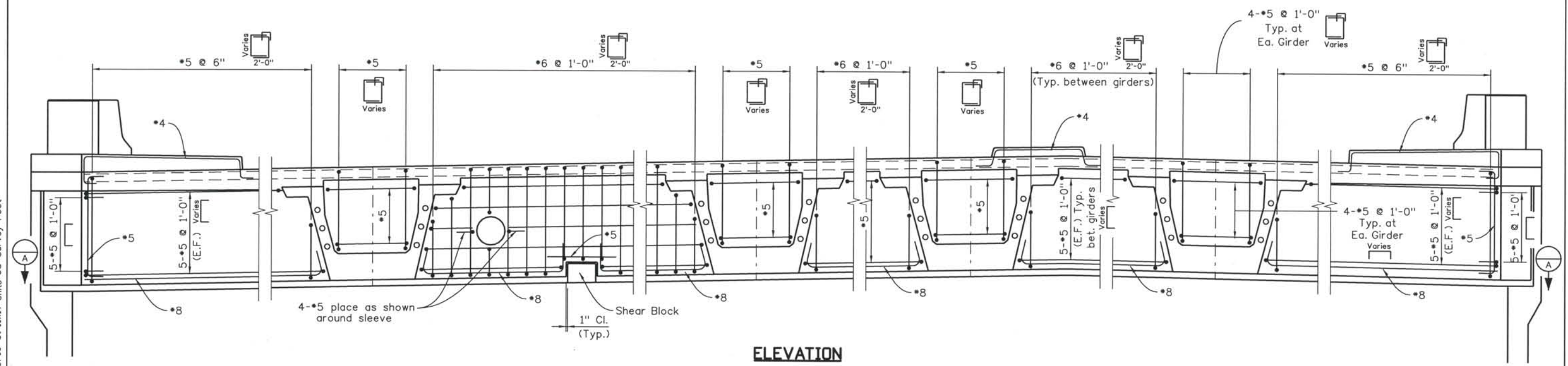
Project Dwg. No.: DSI-BJ-B53
 Structure Sheet No.: B53 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION A-A



ELEVATION

NOTES:

1. Concrete cover shall be 2" unless noted otherwise.

Computer File Information

Date Plotted: 9/3/2008
 Time Plotted: 10:30:06 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/16 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
ABUTMENT 1 DIAPHRAGM DETAILS
 1 OF 2

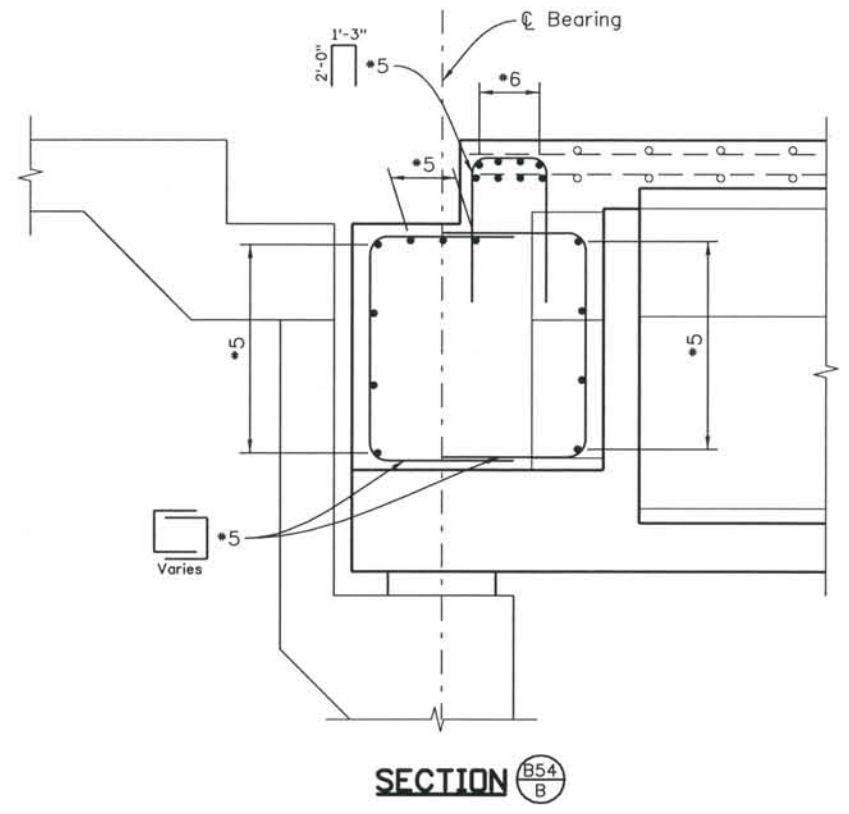
File Name: DS1-BRBJ-AB205A.dgn
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B54
 Structure Sheet No.: B54 of 59

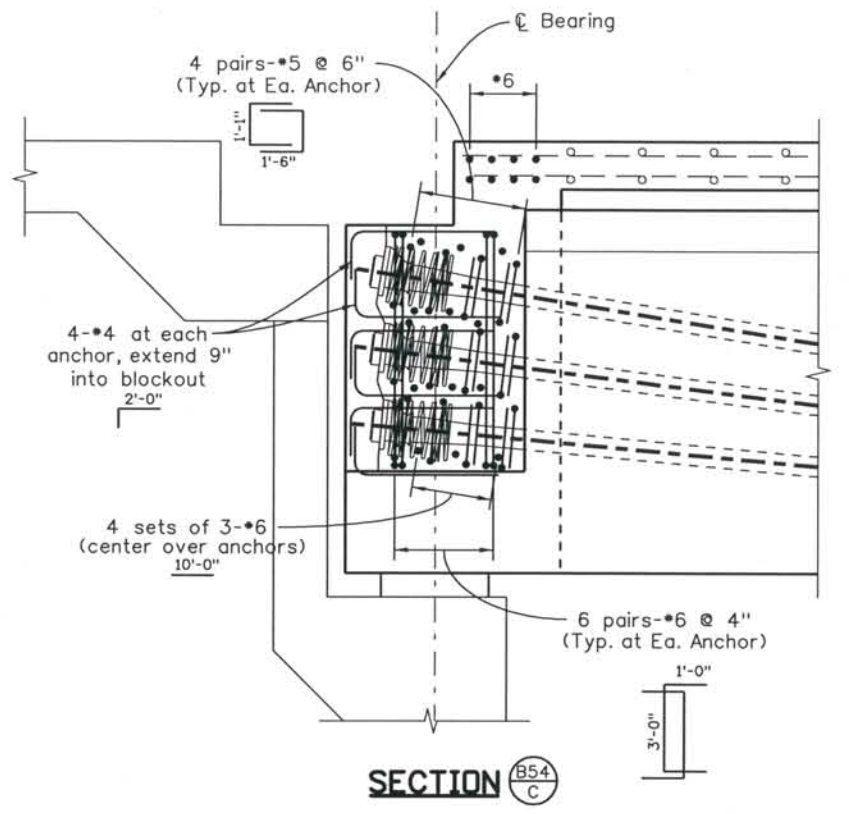
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

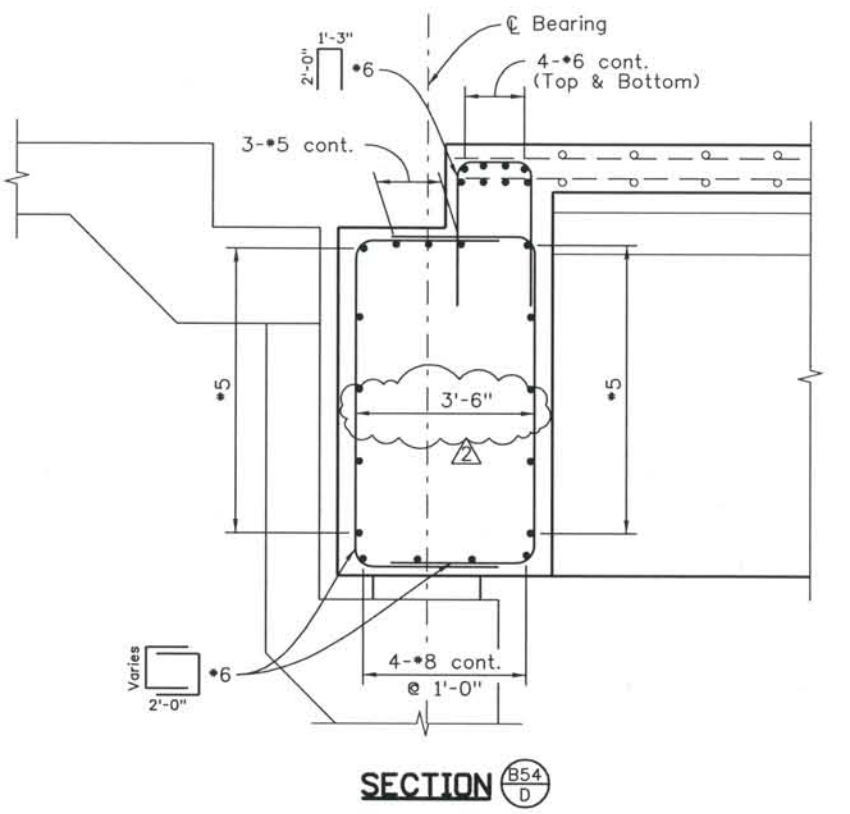
Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:30:10 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot



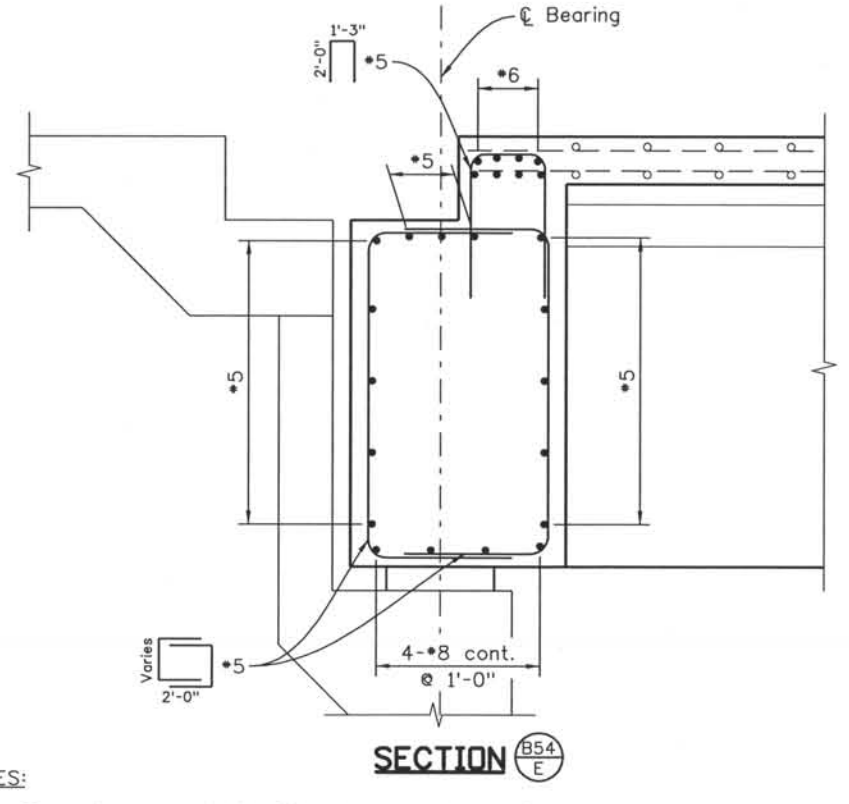
SECTION B54/B



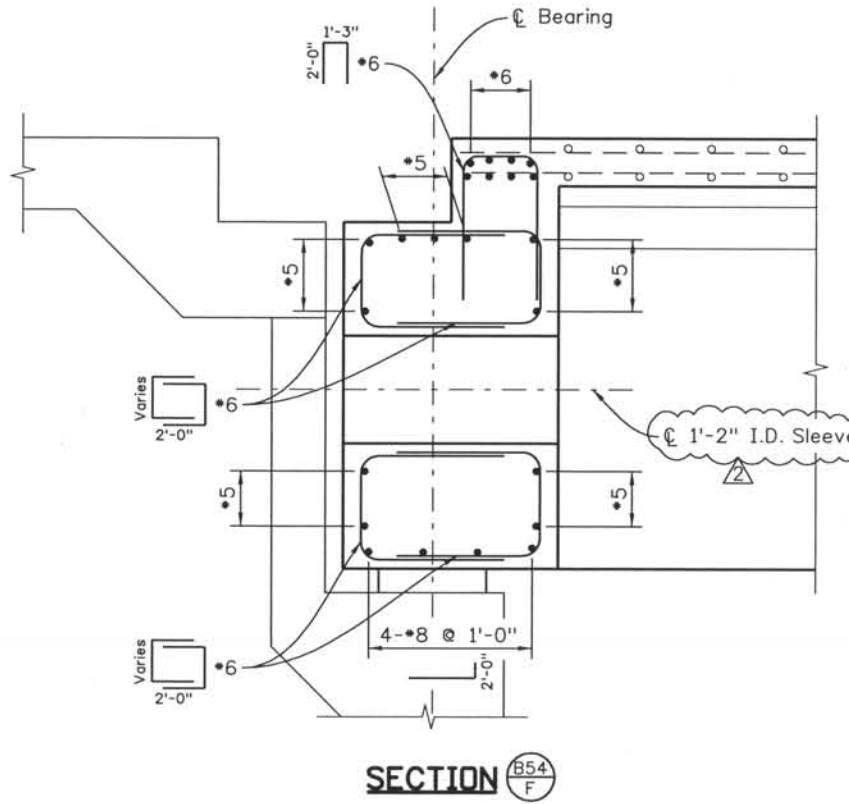
SECTION B54/C



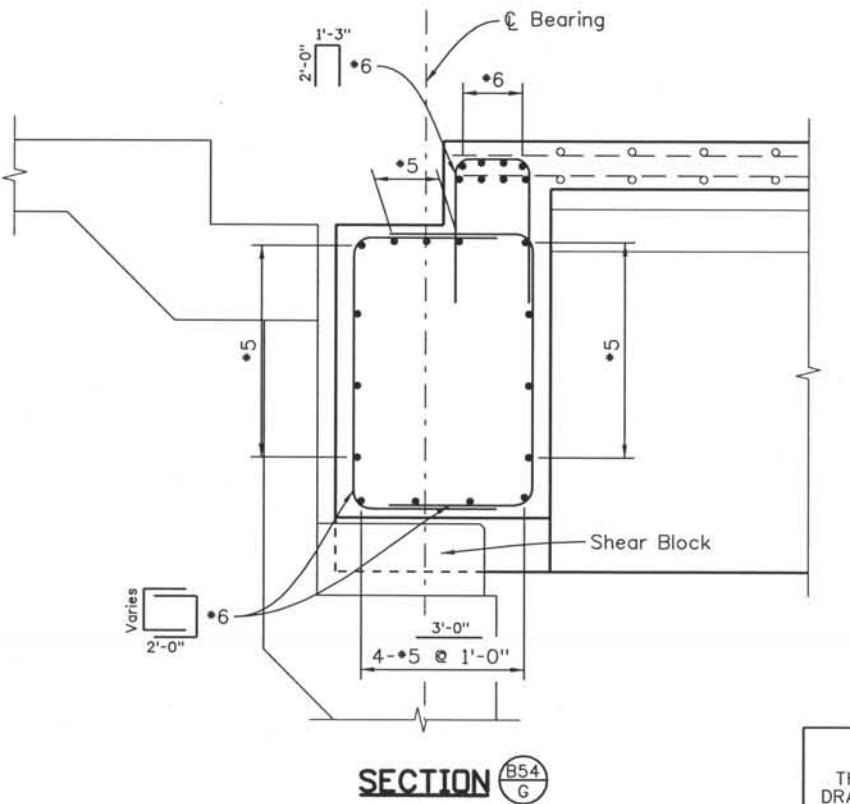
SECTION B54/D



SECTION B54/E



SECTION B54/F



SECTION B54/G

NOTES:
 1. Concrete cover shall be 2" unless noted otherwise.

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



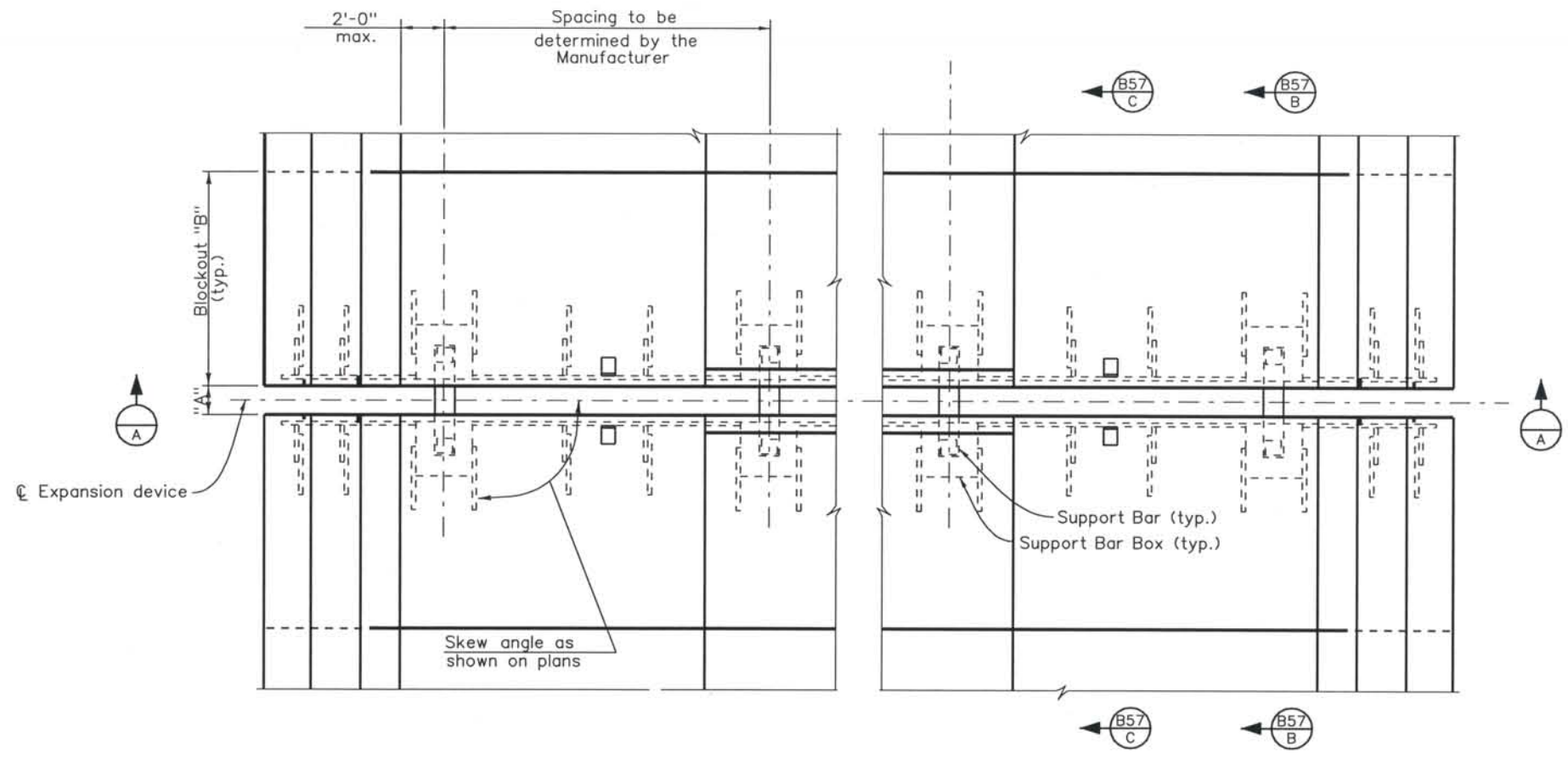
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 ABUTMENT 1 DIAPHRAGM DETAILS
 2 OF 2

File Name: DSI-BRBJ-AB206.dgn
 Structure Number: CSG-G.15-08.84A

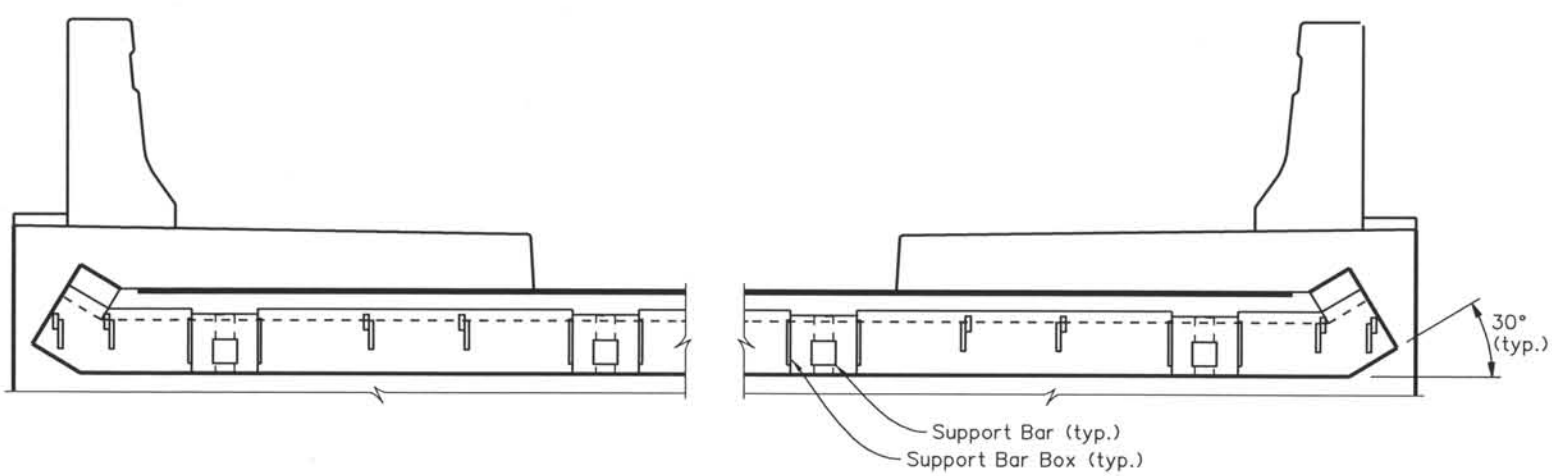
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DSI-BJ-B55
 Structure Sheet No.: B55 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GREGG ARTHUR REESE COLORADO P.E. NO. 27508

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



PLAN



SECTION A

Notes:
 Device shown is schematic only. Total number of support bars to be used as per Manufacturer's requirements.
 Cover plates for concrete barriers and sidewalk not shown for clarity. For details, see Dwg. No. B57.

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:30:13 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: DScale
 Units: US Survey Foot
 327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



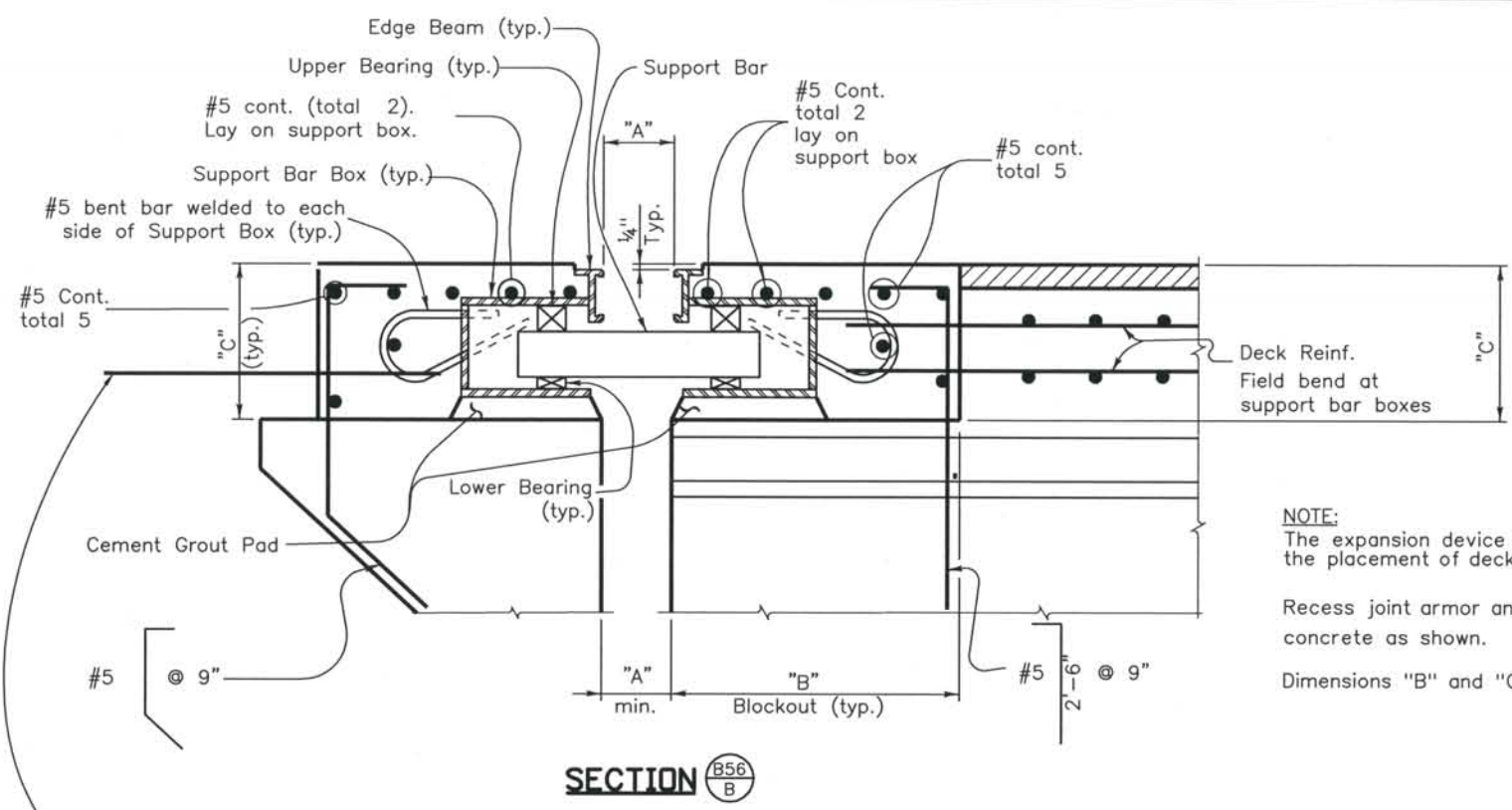
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 MODULAR EXPANSION DEVICE (0 TO 8 INCH)
 1 OF 2

File Name: DS1-BRBJ-EX01.DGN
 Structure Number: CSG-G.15-08.84A

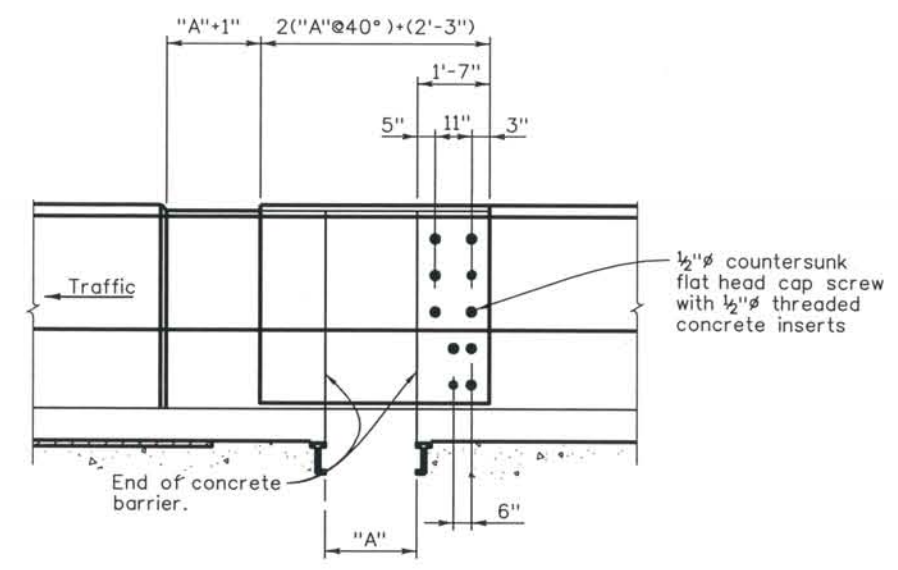
Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B56
 Structure Sheet No.: B56 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



NOTE:
 The expansion device shall be loosely in place prior to the placement of deck reinforcing and the deck pour.
 Recess joint armor and edge beams 1/4" below finished concrete as shown.
 Dimensions "B" and "C" to be per joint fabricator requirements.

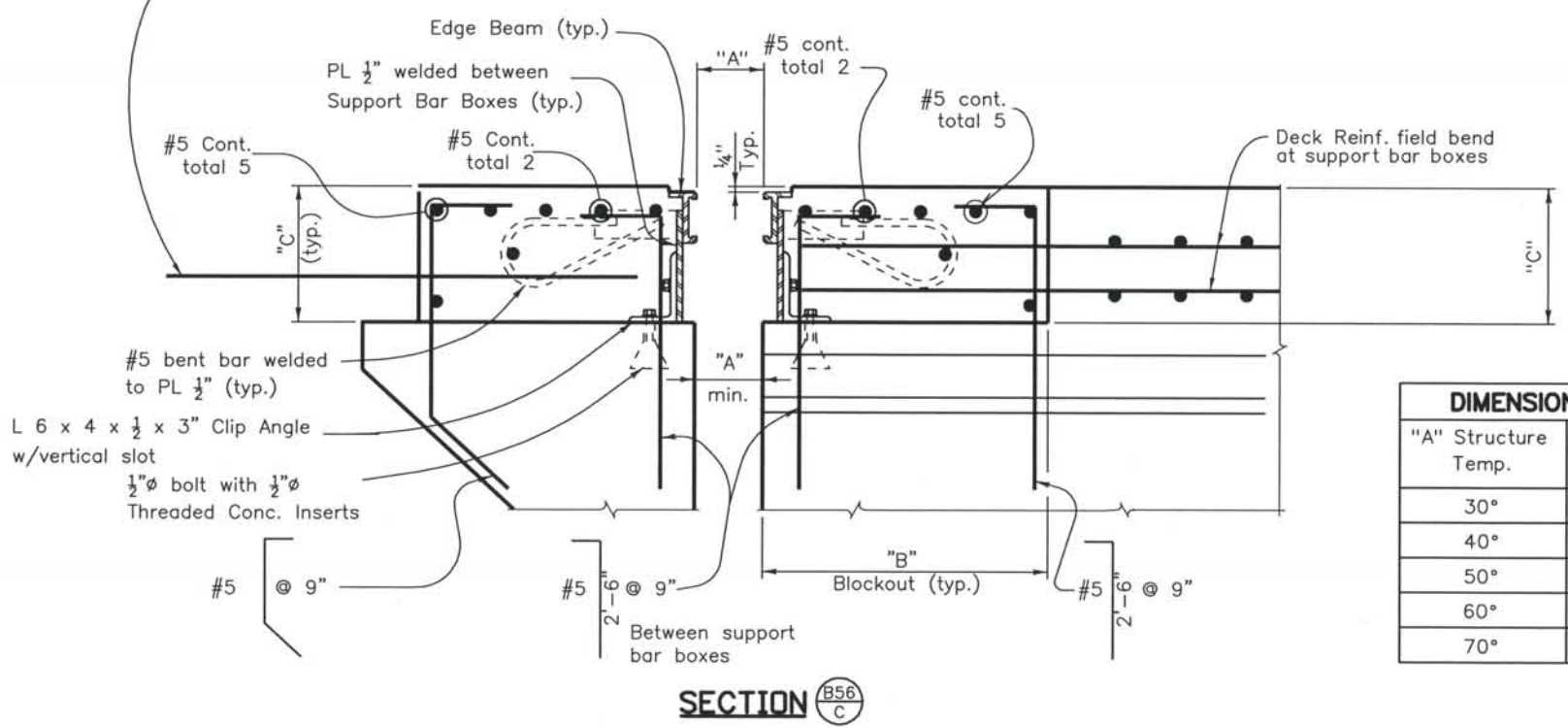


ELEVATION
 (Traffic face of Bridge Barrier)

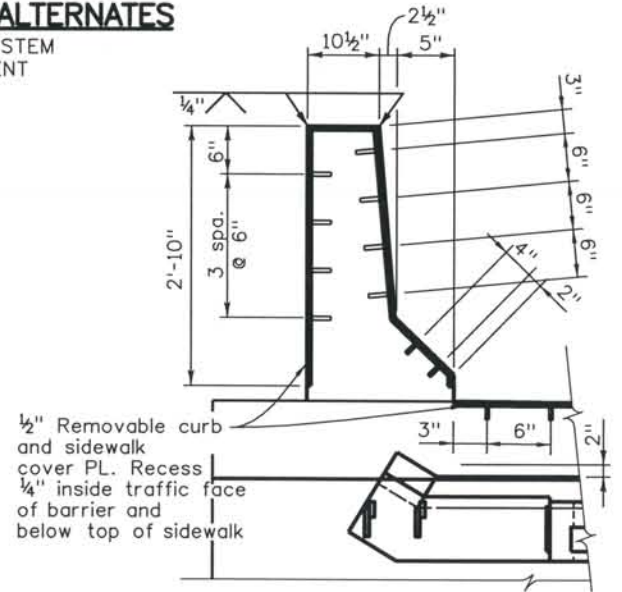
See Approach slab Details for reinforcing. (May need to hook at support boxes.)

ACCEPTABLE EXPANSION DEVICE ALTERNATES

WABO MODULAR EXPANSION JOINT SYSTEM
 STEELFLEX MODULAR EXPANSION JOINT



DIMENSIONS	
"A" Structure Temp.	Abut. 1
30°	3.30"
40°	2.94"
50°	2.58"
60°	2.22"
70°	1.86"



TYPICAL SECTION

Computer File Information
 Date Plotted: 9/3/2008
 Time Plotted: 10:30:16 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: DSscale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



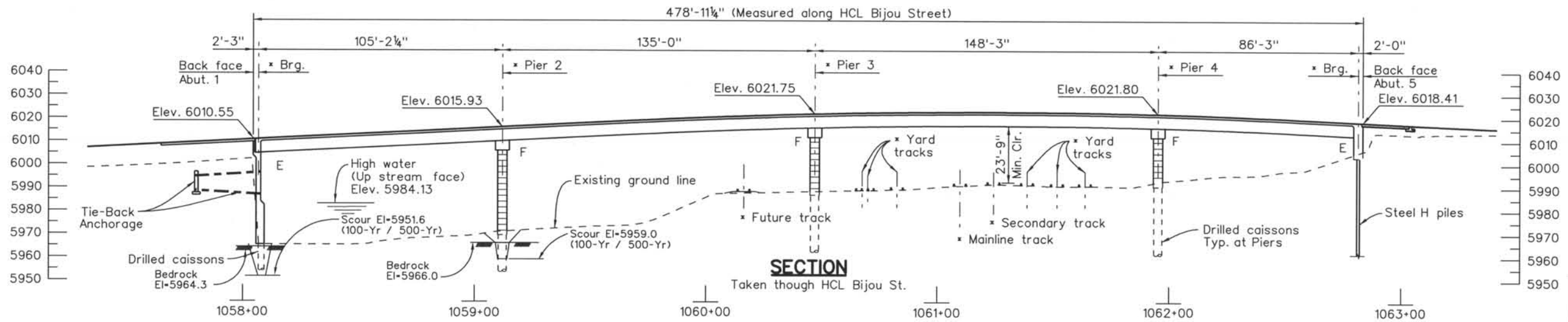
DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 MODULAR EXPANSION DEVICE (0 TO 8 INCH)
 2 OF 2

File Name: DS1-BRBJ-EX02.DGN
 Structure Number: CSG-G.15-08.84A

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: DS1-BJ-B57
 Structure Sheet No.: B57 of 59

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 2:34:03 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 50 at 11x17 Units: US Survey Foot
 As-Built 327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU STREET OVER MONUMENT CREEK AND UPRR
 BRIDGE HYDRAULIC INFORMATION
 1 OF 2

File Name DS1-BRBJ-HY01.dgn
 Structure Number
 CSG-G.15-08.84A
 STR-NO-2

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-BJ-B58
 Structure Sheet No. B58 of B59

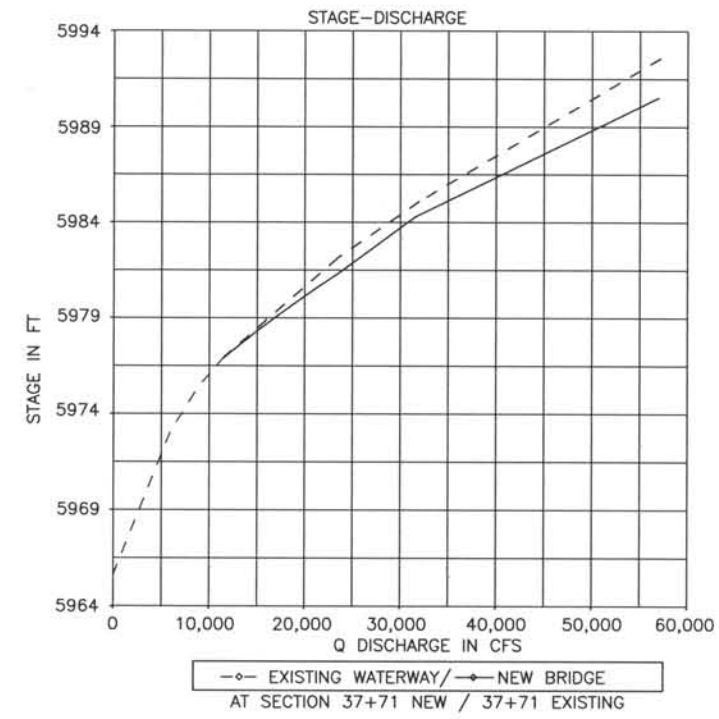
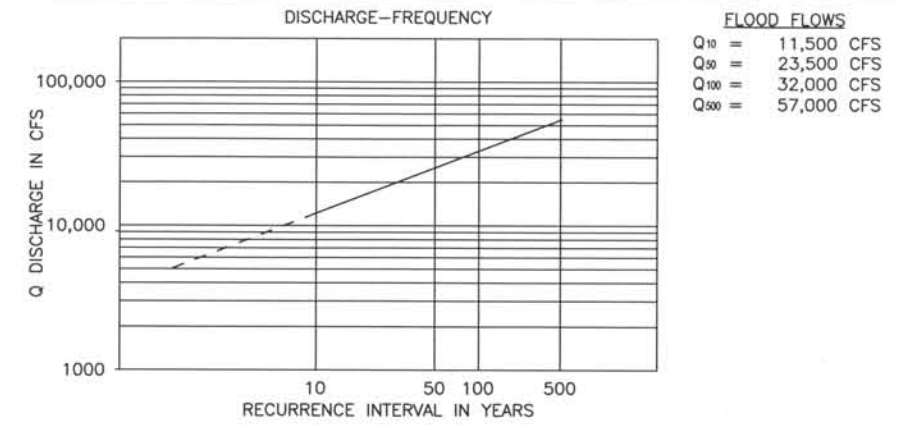
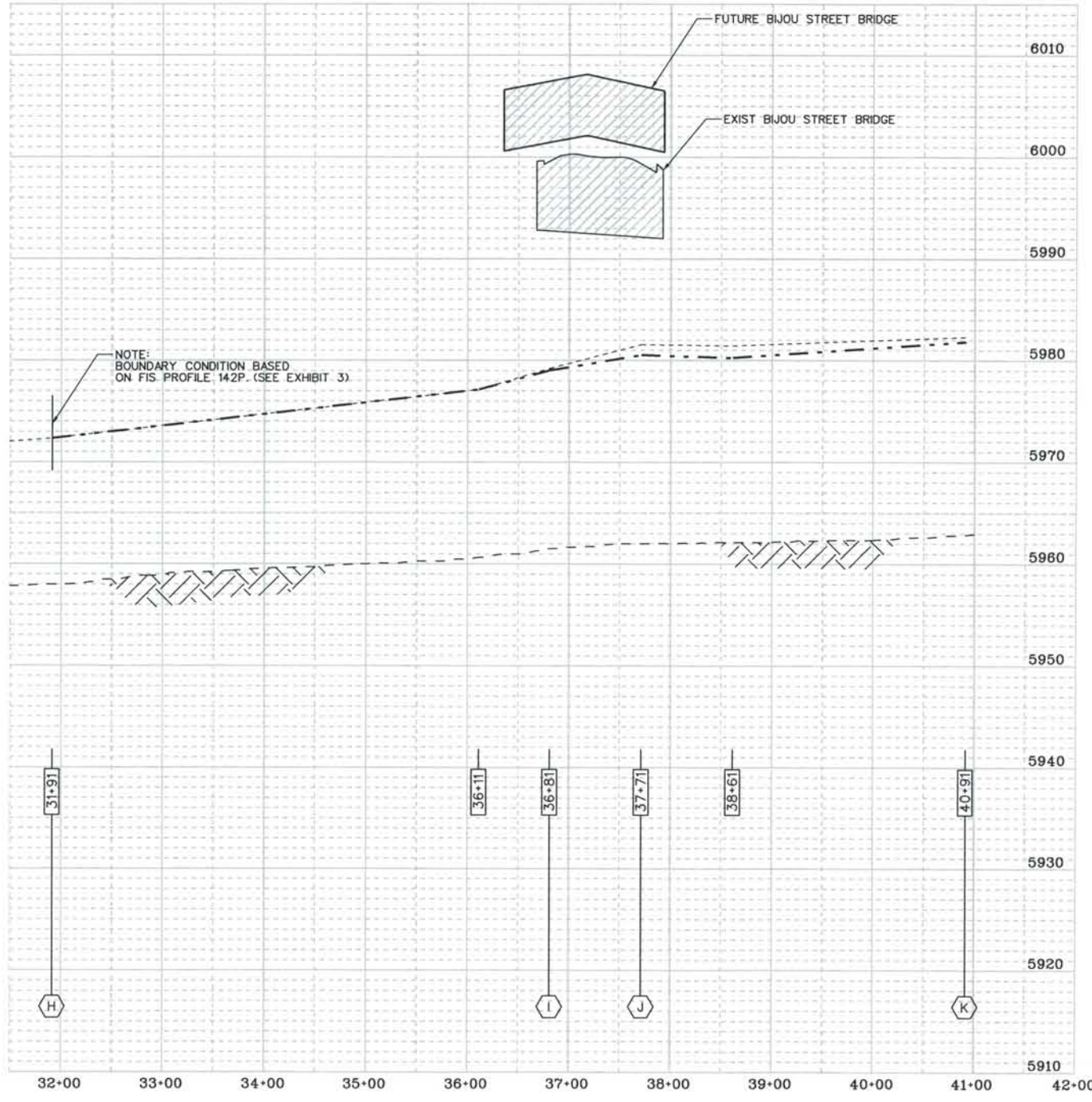
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY GEORGE COTTON COLORADO P.E. NO. 19501

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 2:34:08 PM
 Plotted By: skramer
 C:\AD Ver.: MicroStation V8 2004
 Scale: DScale
 Units: US Survey Foot
 327504.DS1 Bridge
 As-Built

LEGEND

EXISTING CROSS SECTION	PROPOSED 100-YEAR FLOOD
FEMA CROSS SECTION	PROPOSED 500-YEAR FLOOD
ADDED CROSS SECTION	PROPOSED STREAM BED



BRIDGE HYDRAULIC INFORMATION

Drainage Area 235 Sq. Mi.

CHANNEL DESCRIPTION

Bottom Material - Cohesive Non Cohesive
 Bottom Material Size - Clay Silt Sand Gravel
 Cobble Other
 Stream Form - Straight Meandering Braided
 Mannings "n" for Design - Channel 0.030 Overbank 0.050
 Debris - Brush Trees/Logs Ice Other

COMPARISON OF HYDRAULICS
 FOR DESIGN DISCHARGE (100 YR)

	VELOCITY	FREEBOARD	BACKWATER
Existing Bridge	19.3 fps	10.4	N/A
New	21.2 fps	18.9	-1.0

COMMENTS

The bridge is located at the downstream extent of a bendway. Superelevation and standing wave occur in the channel approaching the bridge.

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 GEORGE COTTON
 COLORADO P.E. NO. 19501

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

DESIGN SEGMENT 1
BIJOU STREET OVER MONUMENT CREEK AND UPRR
BRIDGE HYDRAULIC INFORMATION
 2 OF 2

File Name	DS1-BRBJ-HY02.dgn	Project No./Code	IM 0252-370 S.A. 14740
Structure Number	1-17-NM STR-NO-2	Project Dwg. No.	DS1-BJ-B59
		Structure Sheet No.	B59 OF B59

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

GENERAL NOTES

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M213.
 GRADE 60 REINFORCING STEEL IS REQUIRED.
 ALL REINFORCING STEEL SHALL BE NON COATED UNLESS OTHERWISE NOTED.
 (E) DENOTES EPOXY COATED REINFORCING STEEL.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

DESIGN DATA

AASHTO, THIRD EDITION LRFD, 2004
 DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN
 LIVE LOAD: LIVE LOAD SURCHARGE 2'-0"
 REINFORCED CONCRETE:
 CLASS D CONCRETE: $f'c = 4,500$ psi
 REINFORCING STEEL: $f_y = 60,000$ psi

REINFORCING

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-7"	2'-0"	2'-6"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-4"	1'-8"	2'-0"	2'-4"	3'-1"	3'-10"	4'-11"	6'-0"

THE ABOVE SPLICE LENGTHS SHALL BE INCREASED BY 20 PERCENT FOR 3 BAR BUNDLES AND 33 PERCENT FOR 4 BAR BUNDLES.

THE ABOVE SPLICE LENGTHS MAY BE REDUCED BY 20% WHEN 3" OF CLEAR COVER EXISTS AND BAR SPACING IS 6" OR GREATER ON CENTER.

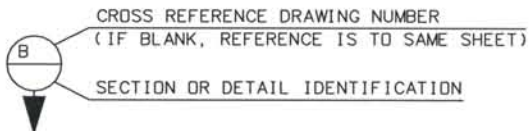
ALL SPLICES SHALL BE STAGGERED UNLESS SHOWN OTHERWISE.

INDEX OF DRAWINGS

SHEET NO.	TITLE
1	GENERAL INFORMATION
2	GENERAL LAYOUT
3	REINFORCING DETAILS

ABBREVIATIONS

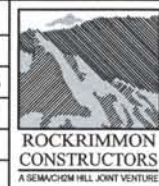
E.F. - EACH FACE
 F.F. - FAR FACE
 N.F. - NEAR FACE
 WP - WORKING POINT



Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 10:08:35 AM
 Plotted By: skramer
 CAD Ver.: MicroStation VB 2004
 As-Built
 327504.DS1 Bridge
 Scale: No Scale
 Units: US Survey Foot

ISSUE RECORD			
DESIGNED BY:	NO.	DESCRIPTION	DATE
J.A.K.			
Detailed By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
J.B.R.	2	AS-BUILT PLANS SUBMITTAL	08/15/08
Checked By:			
D.O.A.			



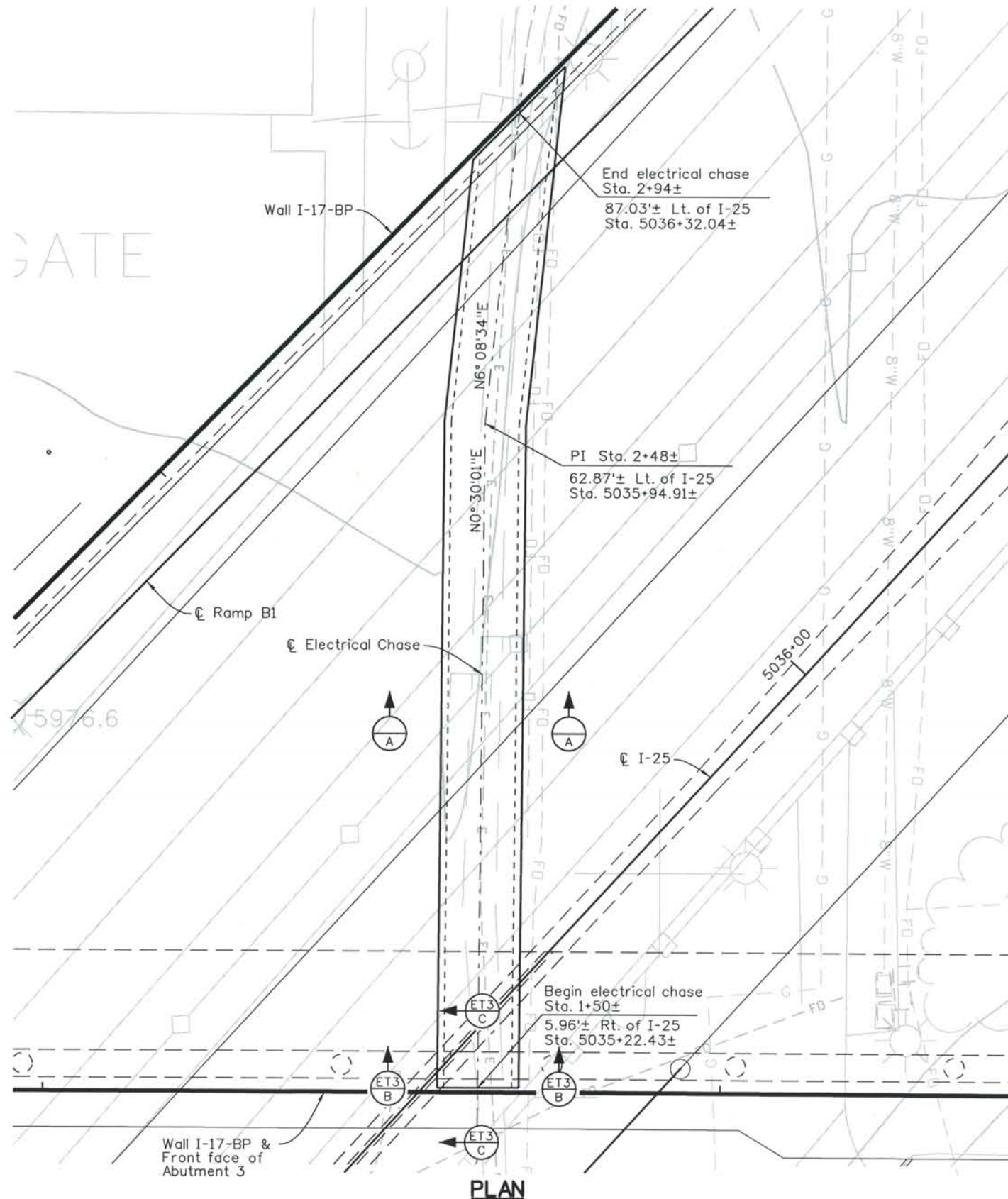
DESIGN SEGMENT 1
 ELECTRICAL CHASE
 GENERAL INFORMATION

File Name	DS1-STET-GP04.DGN
Structure Number	

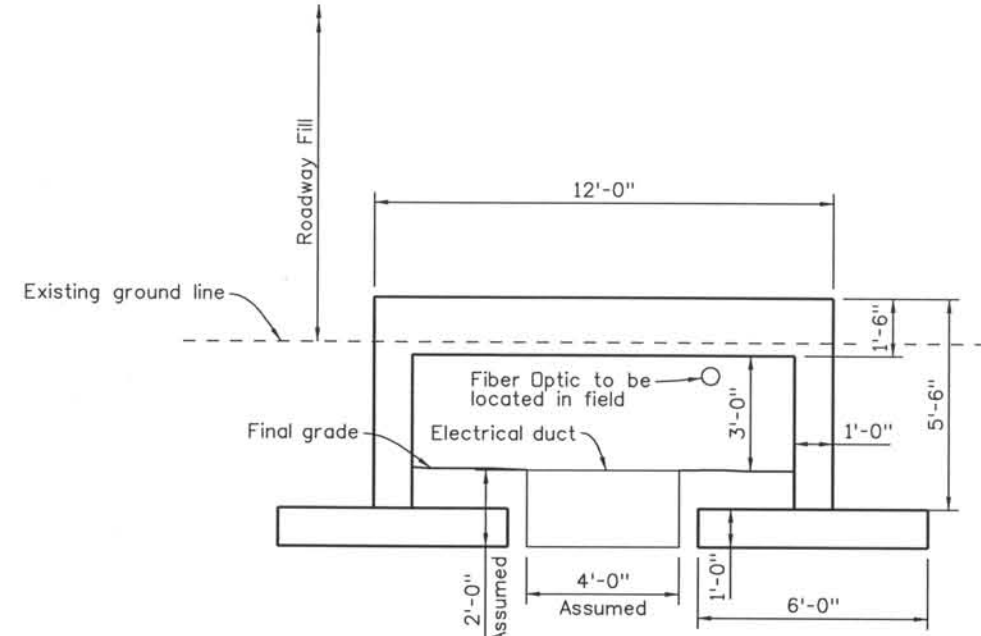
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-ET1
Structure Sheet No.	ET1 of 3

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

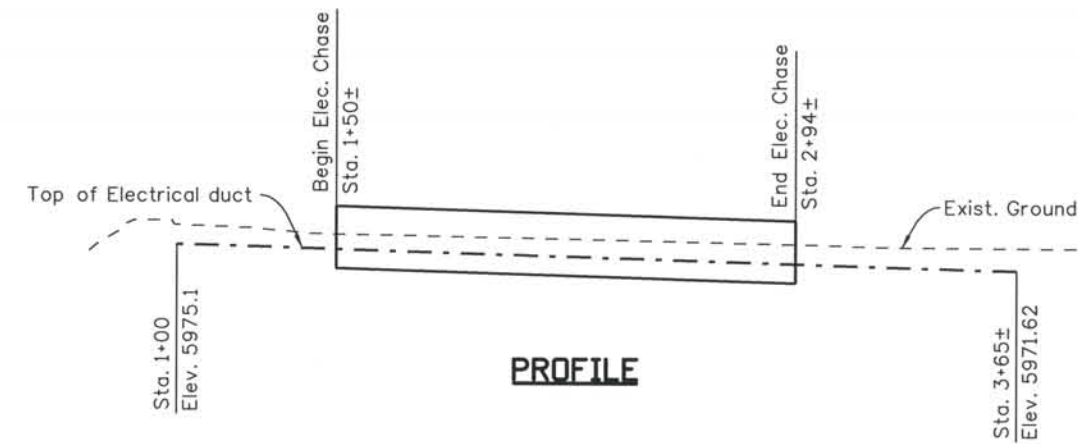
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
08/2008 PROJECT NO. IM 0252-370
DESIGN MANAGER: MARK LAMUTT



PLAN



SECTION A-A



PROFILE

Computer File Information

Date Plotted: 9/4/2008
Time Plotted: 10:08:42 AM
Plotted By: skramer
CAD Ver.: MicroStation V8 2004
Scale: DScale
Units: US Survey Foot
As-Built
327504.DS1 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



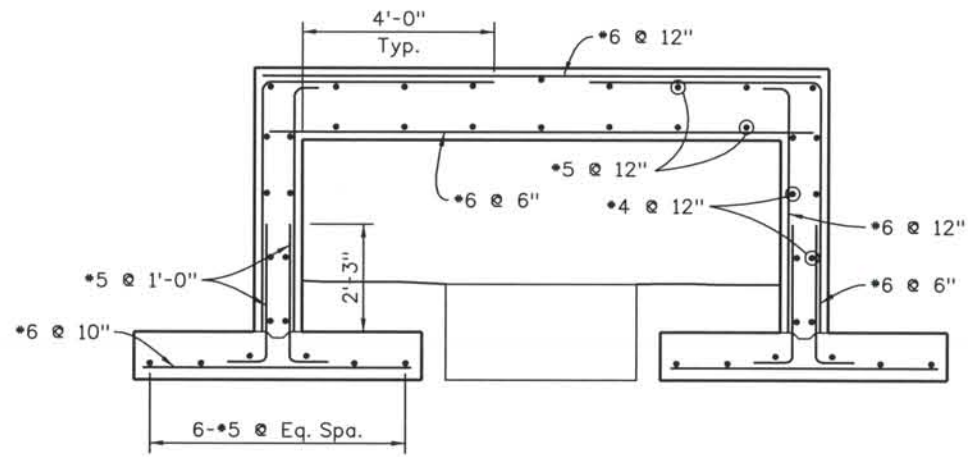
DESIGN SEGMENT 1
ELECTRICAL CHASE
GENERAL LAYOUT

File Name: DS1-STET-GP01.dgn
Structure Number:

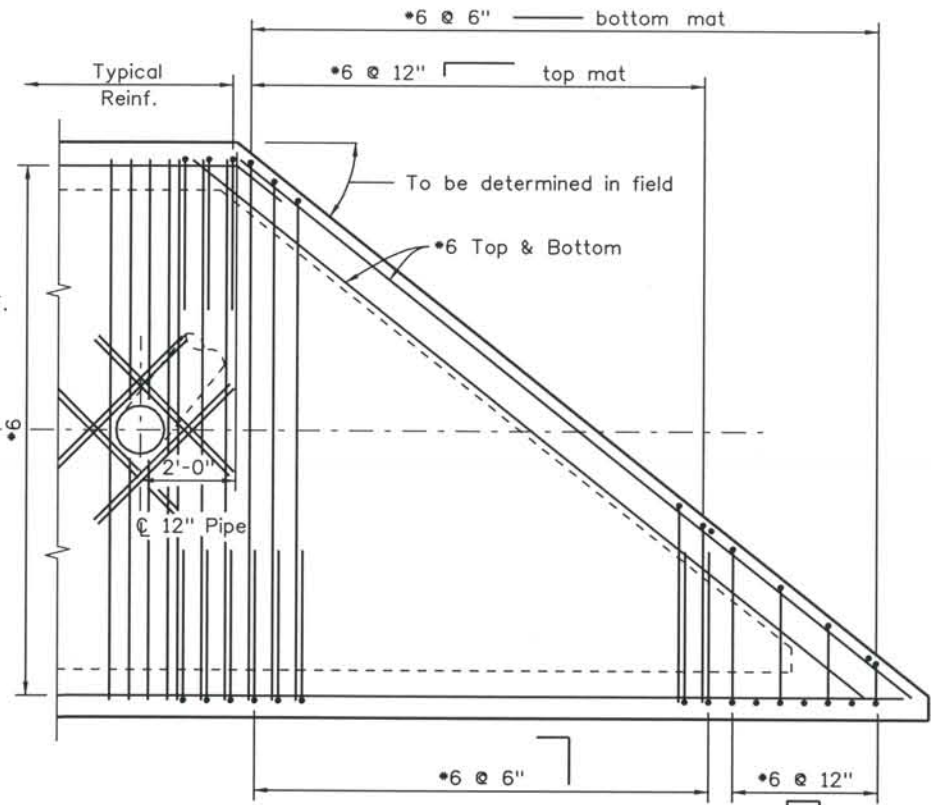
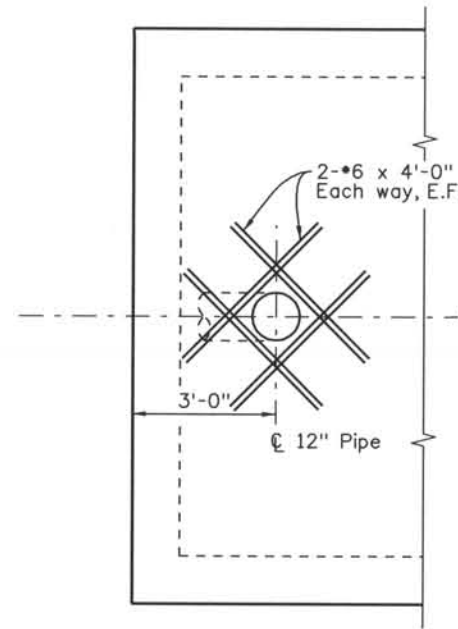
Project No./Code
IM 0252-370
S.A. 14740
Project Dwg. No. DS1-ET2
Structure Sheet No. ET2 of 3

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

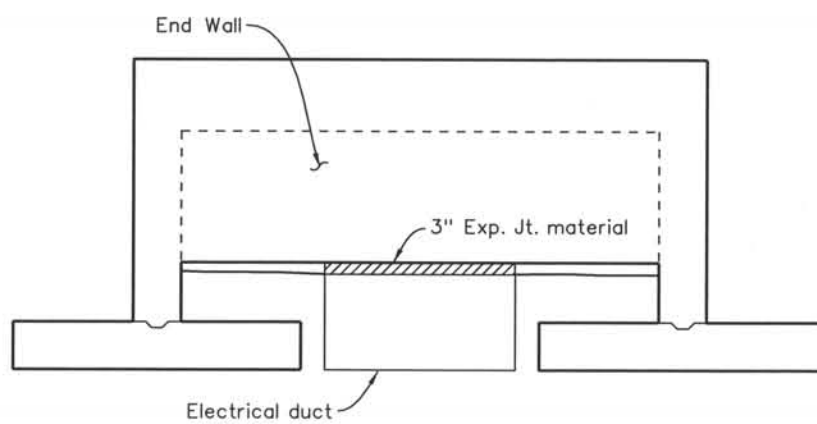
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



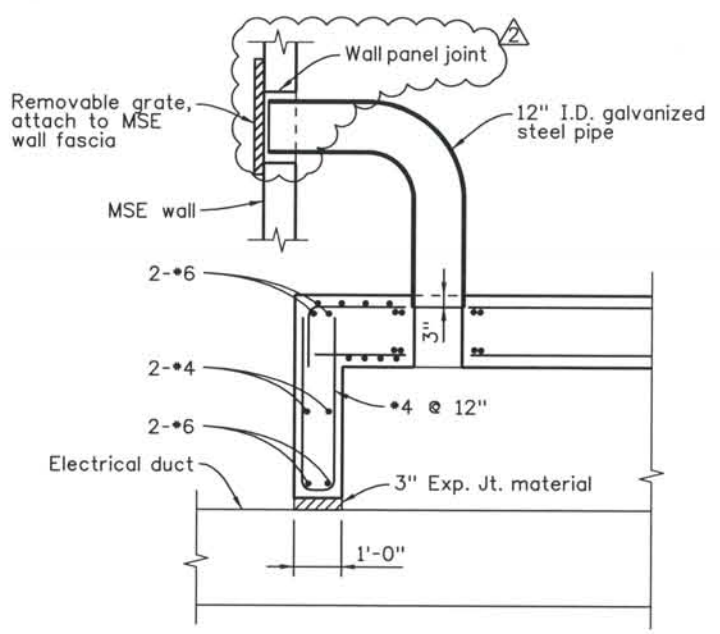
TYPICAL REINFORCING



REINFORCING AT END OF CHASE

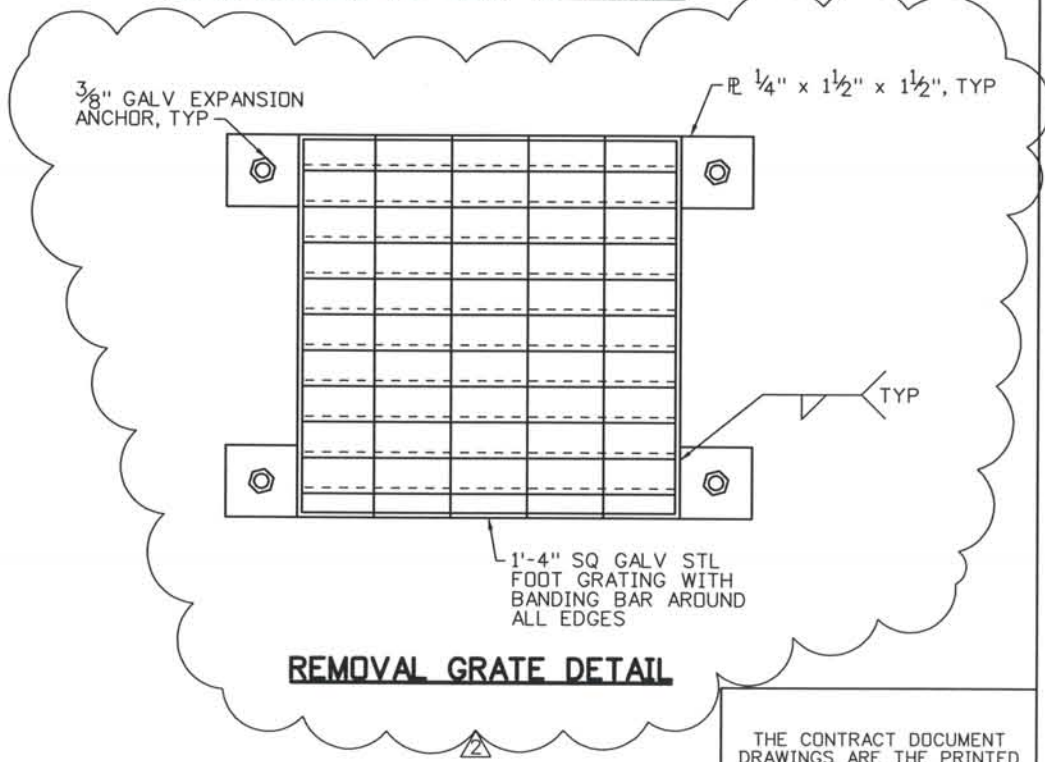


SECTION B



SECTION C

Section at south end, section at north end similar



REMOVAL GRATE DETAIL

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 DANIEL D. ABRAHAM
 COLORADO P.E. NO. 37500

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 2:16:34 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ELECTRICAL CHASE
 GENERAL LAYOUT

File Name: DS1-STET-GP03.DGN
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-ET3
 Structure Sheet No. ET3 of 3

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

GENERAL NOTES

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M213.
 GRADE 60 REINFORCING STEEL IS REQUIRED.
 ALL REINFORCING STEEL SHALL BE NON COATED UNLESS OTHERWISE NOTED.
 (E) DENOTES EPOXY COATED REINFORCING STEEL.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

DESIGN DATA

AASHTO, THIRD EDITION LRFD, 2004
 DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN
 REINFORCED CONCRETE:

CLASS D CONCRETE: $f'c = 4,500 \text{ psi}$
 REINFORCING STEEL: $f_y = 60,000 \text{ psi}$

REINFORCING

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-7"	2'-0"	2'-6"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06.

BAR SIZE	*4	*5	*6	*7	*8	*9	*10	*11
SPLICE LENGTH FOR CLASS D & CLASS H CONCRETE	1'-4"	1'-8"	2'-0"	2'-4"	3'-1"	3'-10"	4'-11"	6'-0"

THE ABOVE SPLICE LENGTHS SHALL BE INCREASED BY 20 PERCENT FOR 3 BAR BUNDLES AND 33 PERCENT FOR 4 BAR BUNDLES.

THE ABOVE SPLICE LENGTHS MAY BE REDUCED BY 20% WHEN 3" OF CLEAR COVER EXISTS AND BAR SPACING IS 6" OR GREATER ON CENTER.

ALL SPLICES SHALL BE STAGGERED UNLESS SHOWN OTHERWISE.

DOOR FRAME AND HARDWARE NOTES

DOOR FRAME SHALL BE CONSTRUCTED OF COLD FORMED HOLLOW METAL FRAME WITH WELDED CORNERS.
 THE FRAME SHALL BE A MINIMUM OF 14 GAUGE THICKNESS GALVANIZED STEEL
 THE FRAME SHALL BE GROUTED SOLID IN PLACE
 THE FRAME SHALL HAVE A MINIMUM OF FOUR CANCELLED ANCHORS PER JAMB
 THE FRAME SHALL BE FACTORY PRIMED AND FIELD PAINTED
 FRAME SHALL BE 2" X 5 3/4" JAMBS AND HEAD

THE DOOR SHALL BE GRADE III, EXTRA HEAVY-DUTY, MODEL 1, FULL FLUSH DESIGN, MINIMUM 16 GAUGE THICK GALVANIZED STEEL SHEET FACES
 THE DOOR SHALL HAVE REINFORCED EDGES, CORNERS, HINGES SUPPORTS AND LOCKSET OPENING
 DOOR SHALL BE 3'-0" WIDE MINIMUM TO 4'-0" WIDE MAXIMUM (SEE PLANS)
 DOOR SHALL BE 1 3/4" THICK AND 7'-0" HIGH
 DOOR SHALL BE FACTORY PRIMED AND FIELD PAINTED

APPROVED MANUFACTURES FOR STEEL DOORS AND FRAMES:

- AMWELD BUILDING PRODUCTS, INC.
- BENCHMARK COMMERCIAL DOORS.
- CECO DOOR PRODUCTS.
- COPCO DOOR CO.
- CURRIES CO.
- DEANSTEEL MANUFACTURING CO.
- FENESTRA CORP.
- KEWANEE CORP.
- MESKER DOOR, INC.
- PIONEER INDUSTRIES.
- REPUBLIC BUILDERS PRODUCTS.
- STEELCRAFT.

DOOR HARDWARE

DOOR SHALL HAVE THE FOLLOWING DOOR HARDWARE
 COMMERCIAL GRADE HEAVY DUTY CYLINDER ENTRANCE LOCKSET, LEVELER TYPE (ADA APPROVED). REVIEW THE KEYING SYSTEM WITH THE CITY OF COLORADO SPRINGS AND PROVIDE THE TYPE REQUIRED. CONSTRUCT LOCK CYLINDER PARTS FROM BRASS OR BRONZE, STAINLESS STEEL, OR NICKEL SILVER
 1 1/2 PAIR OF BUTTS WITH BALL BEARING HINGES WITH NON REMOVABLE PINS (4 1/2" MINIMUM)
 HEAVY DUTY LATCH GUARD
 SILENCERS (3 PER JAMB, MINIMUM)
 10" HIGH KICK PLATES (BOTH SIDES)
 ALUMINUM THRESHOLD
 CLOSER
 COMPLETE WEATHER STRIPPING
 DOOR SWEEP
 ALL HARDWARE SHALL HAVE BRUSHED ALUMINUM FINISH.
 APPROVED MANUFACTURES FOR DOORS HARDWARE
 MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:

BUTTS AND HINGES:

- HAGER HINGE CO.
- STANLEY HARDWARE, DIV. STANLEY WORKS
- BOMMER
- MCKINNEY

CYLINDERS AND LOCKS:

- YALE SECURITY INC.
- CORBIN & RUSSWIN.
- SARGENT
- SCHLAGE

DOOR TRIM UNITS AND KICK, MOP, AND ARMOR PLATES:

- HAGER
- IVES
- TRIANGLE BRASS

DOOR STRIPPING AND SEALS AND THRESHOLDS:

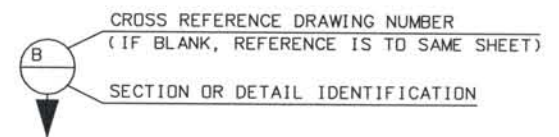
- HAGER
- PEMKO MANUFACTURING CO., INC.
- REESE ENTERPRISES, INC.

INDEX OF DRAWINGS

SHEET NO.	TITLE
1	GENERAL INFORMATION
2	GENERAL LAYOUT
3	REINFORCING DETAILS

ABBREVIATIONS

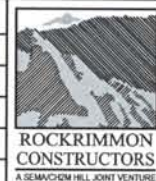
- E.F. = EACH FACE
- F.F. = FAR FACE
- N.F. = NEAR FACE
- WP = WORKING POINT



Computer File Information

Date Plotted: 9/4/2008
 Time Plotted: 10:08:48 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Units: US Survey Foot
 Scale: No Scale

Designed By:	ISSUE RECORD		
D.O.A.	NO.	DESCRIPTION	DATE
Detailed By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
J.B.R.	2	AS-BUILT PLANS SUBMITTAL	08/15/08
Checked By:			
J.A.K.			

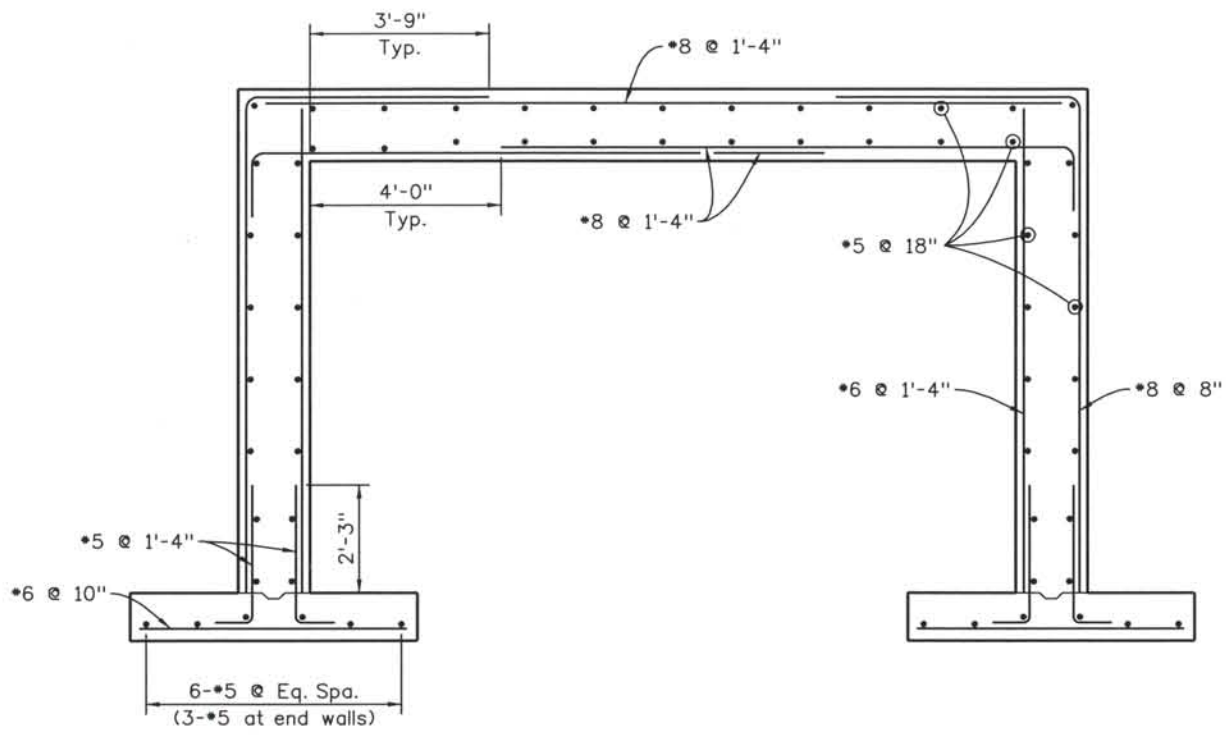


DESIGN SEGMENT 1
UTILITY VAULT
GENERAL INFORMATION

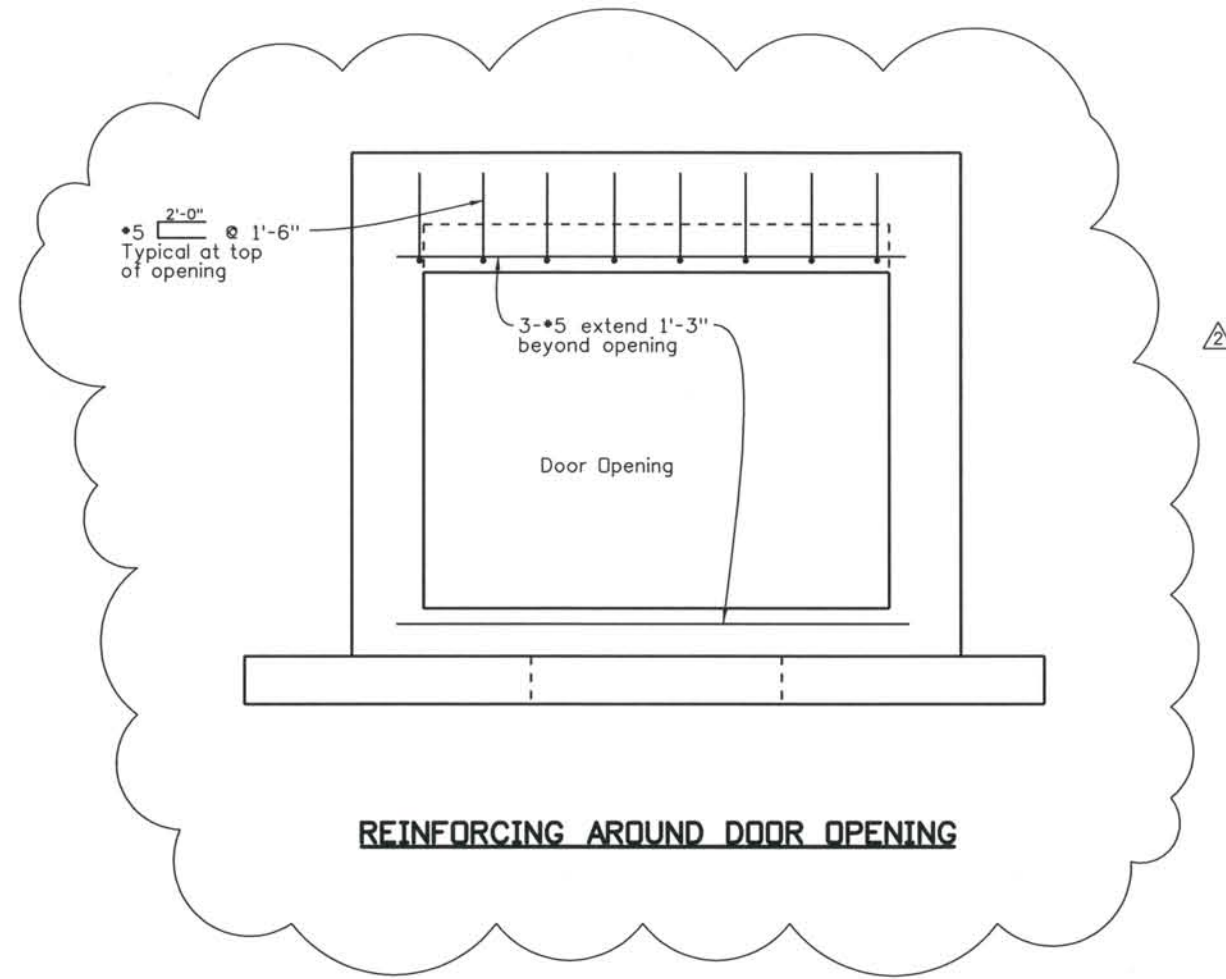
File Name	DS1-STUV-GP03.DGN
Structure Number	
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	DS1-UV1
Structure Sheet No.	UV1 of 3

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

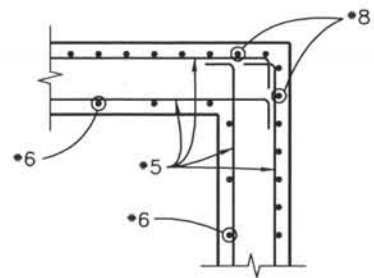
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



TYPICAL REINFORCING



REINFORCING AROUND DOOR OPENING



TYPICAL WALL CORNER



THE ENGINEER SEALS ONLY THE
 CLOUDED DESIGN REVISION Δ
 ON THIS DRAWING.

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 DANIEL D. ABRAHAM
 COLORADO P.E. NO. 37500

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 11:05:02 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS1 Bridge
 As-Built
 Units: US Survey Foot
 Scale: DScale

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 UTILITY VAULT
 REINFORCING DETAILS

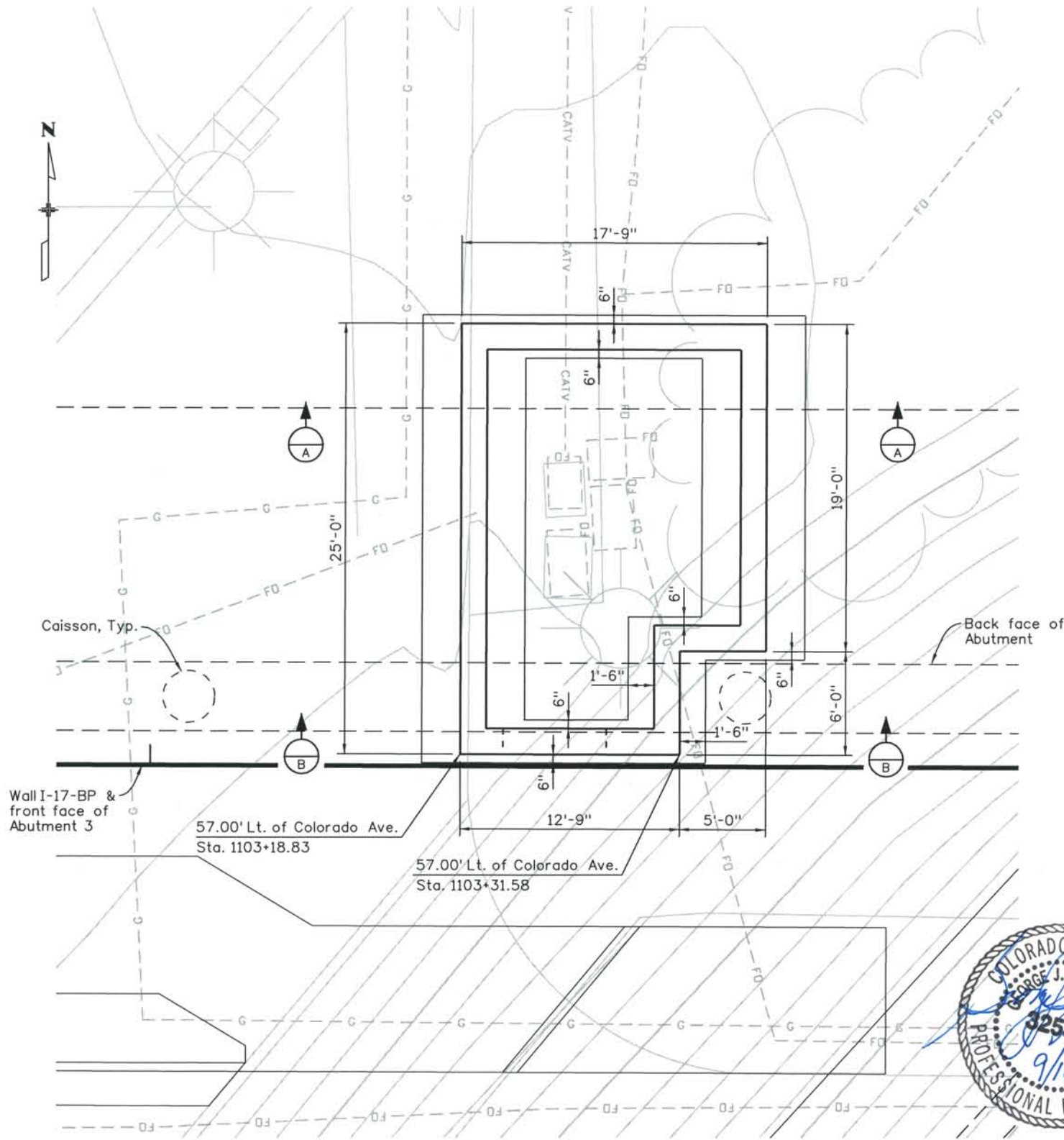
File Name: DSI-STUV-GP02.dgn
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740

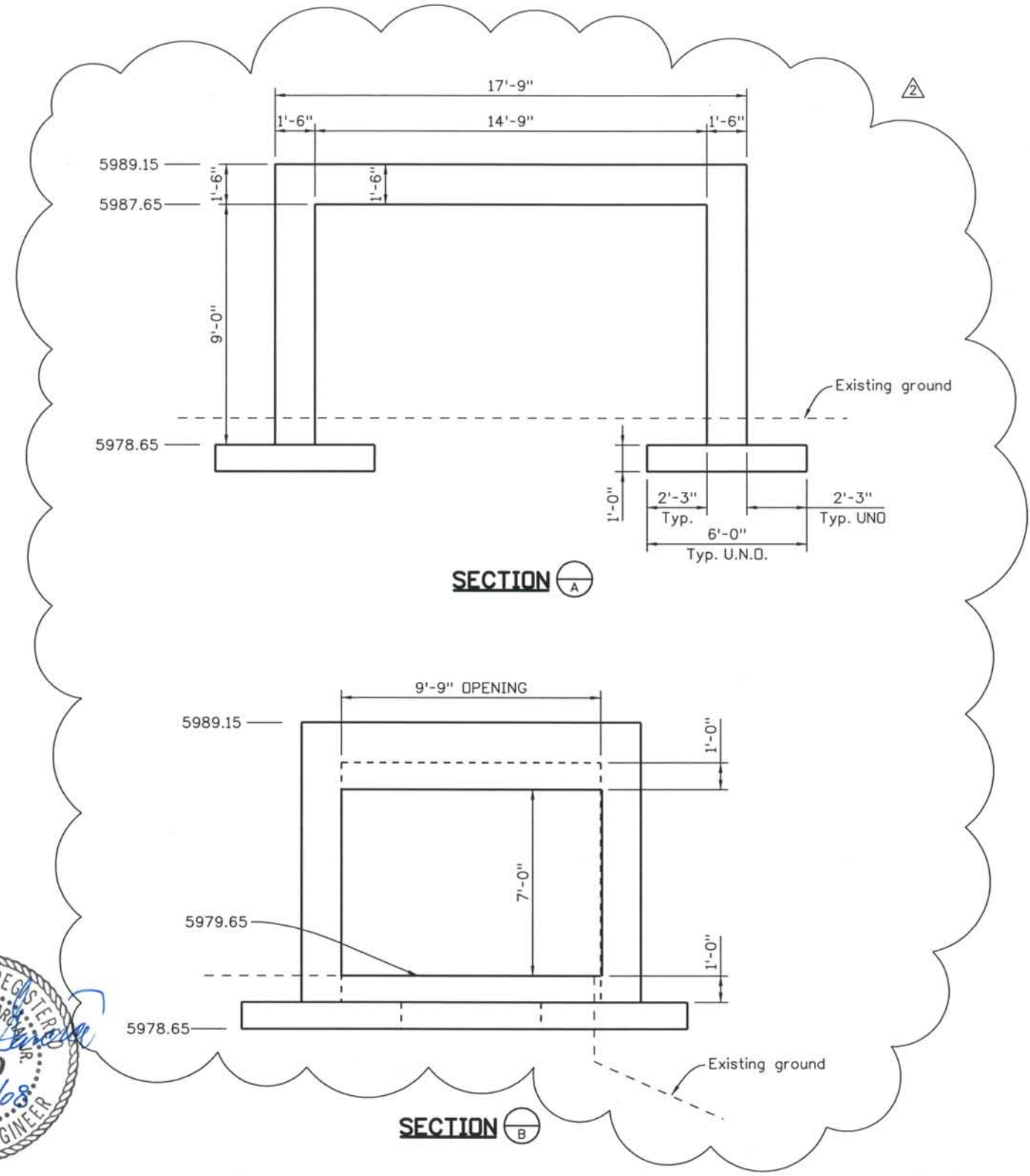
Project Dwg. No. DS1-UV3
 Structure Sheet No. UV3 of 3

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:04:59 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: DScale
 Units: US Survey Foot
 327504.DS1 Bridge



PLAN



SECTION A

SECTION B



THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION Δ ON THIS DRAWING.

DESIGN SEGMENT 1
 UTILITY VAULT
 GENERAL LAYOUT

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



File Name: DSI-STUV-GP01.dgn
 Structure Number:

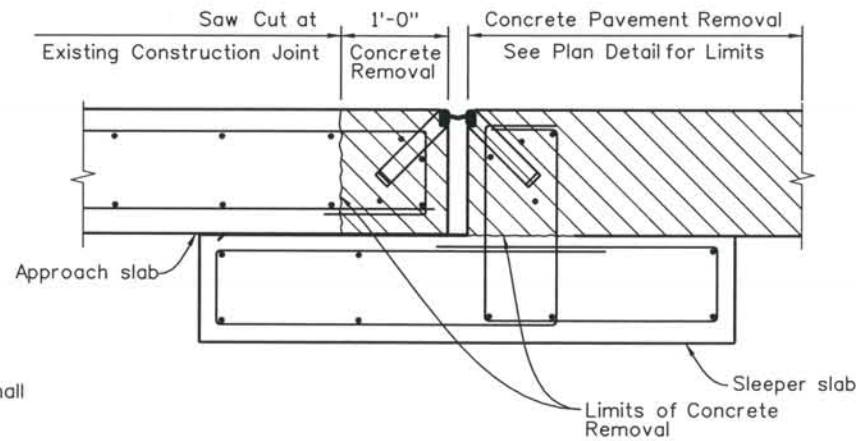
Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. DS1-UV2
 Structure Sheet No. UV2 of 3

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY DANIEL O. ABRAHAM COLORADO P.E. NO. 37500

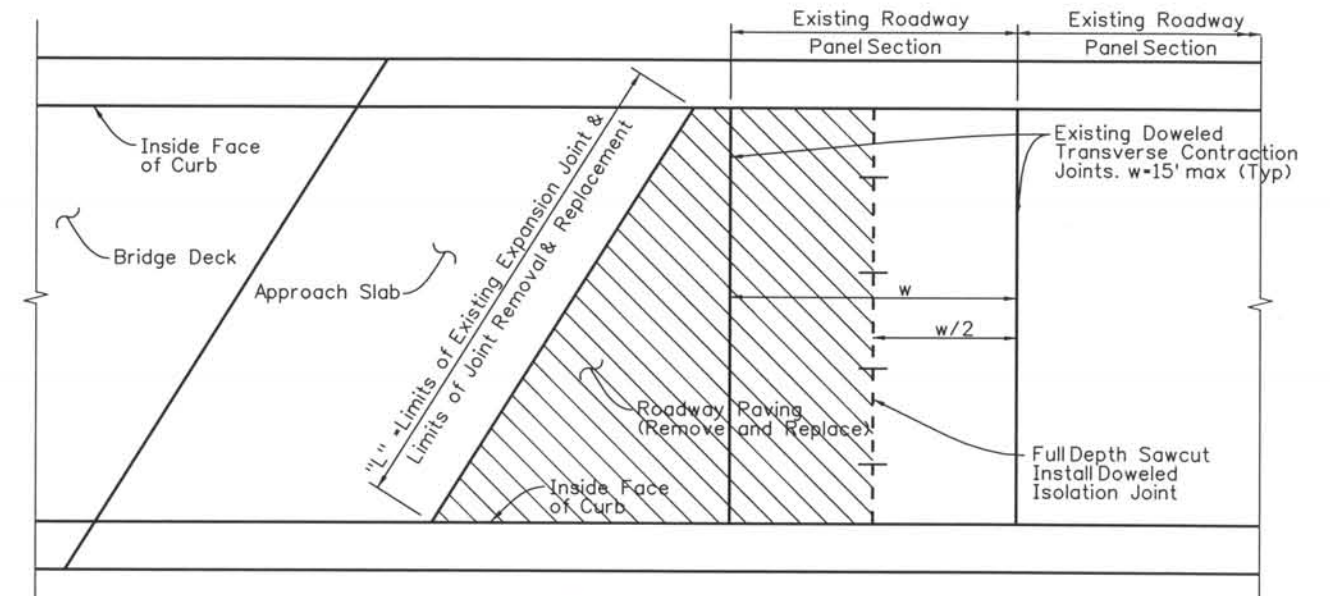
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Notes:

1. Saw cut limits of Concrete removal to a depth of 1 1/2".
2. Remove Concrete from limits shown. Concrete shall be removed in a manner to protect existing approach slab and sleeper slab reinforcing.
3. Remove all portions of existing expansion device.
4. If existing reinforcing is damaged during concrete removal, or if existing reinforcing has deteriorated with a section less than 90% of the original area, new reinforcing shall be added by drill and dowel with approved epoxy at each bar location.



STEP 1: EXISTING EXPANSION JOINT REMOVAL



REMOVAL LIMITS

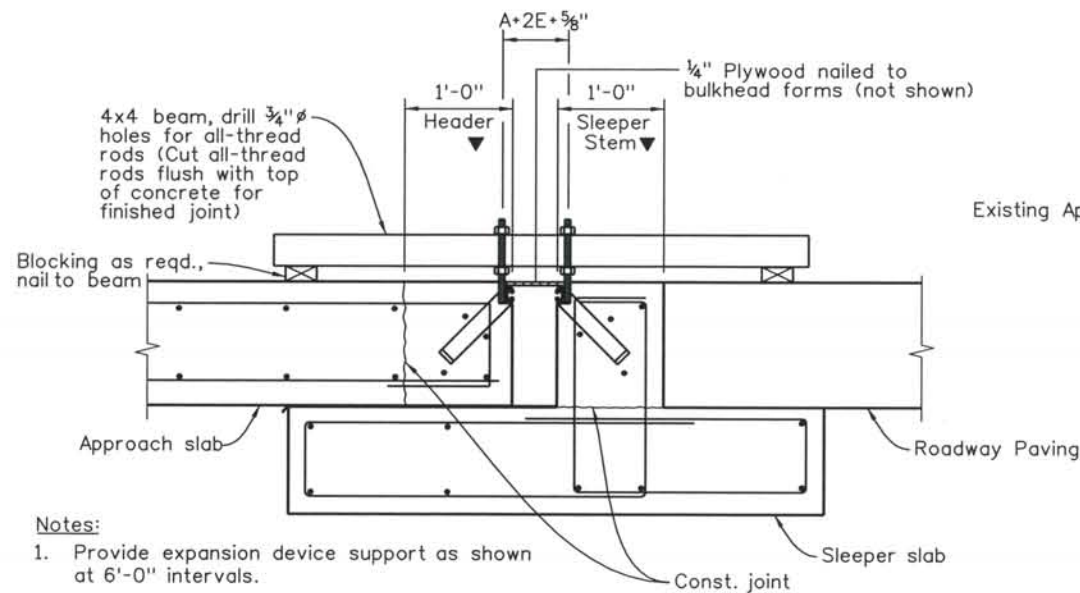
STR No.	Dimension "A"			Dimension "L" *	
	Abut 1	Abut 3	X	Abut 1	Abut 3
I-17-LS	2"	2"	0.125"	60.819'	60.520'
I-17-LU	2"	2"	0.0625"	59.778'	59.926'

Installation opening - "A" inches at 70° F ambient temperature. Adjust "-X" inches per 10° of temperature change above 70° F and "+X" inches per 10° of temperature change below 70° F.

* Construction to verify Lengths in the Field

Acceptable Devices

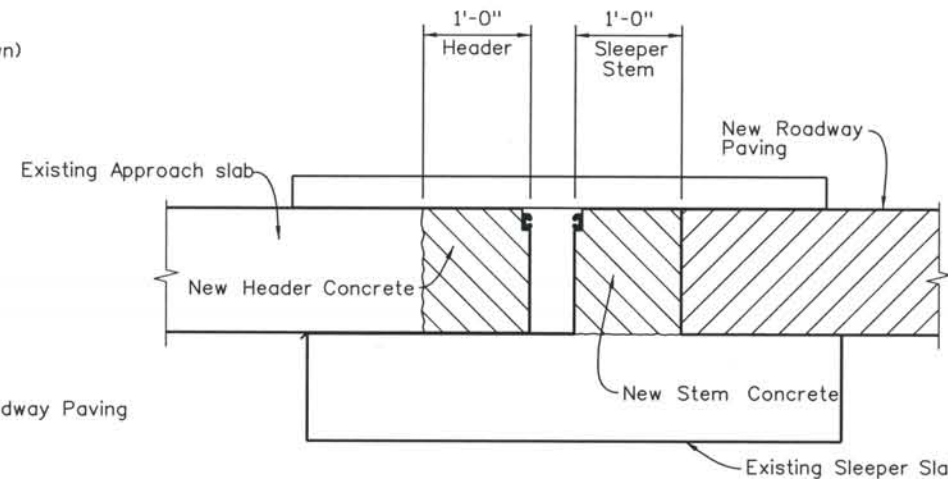
WABO SE400 Type A
 D.S. Brown A2R400-SSA2
 Epoxy Industries S400-A



Notes:

1. Provide expansion device support as shown at 6'-0" intervals.
 2. For reinforcing see Approach Slab Details.
 3. Install Expansion Joint Device per Project Standard Drawing STD-BS11
- ▼ Concrete shall be placed after expansion device has been adjusted to proper grade and approved by the engineer using the Grade Projection Scheme.

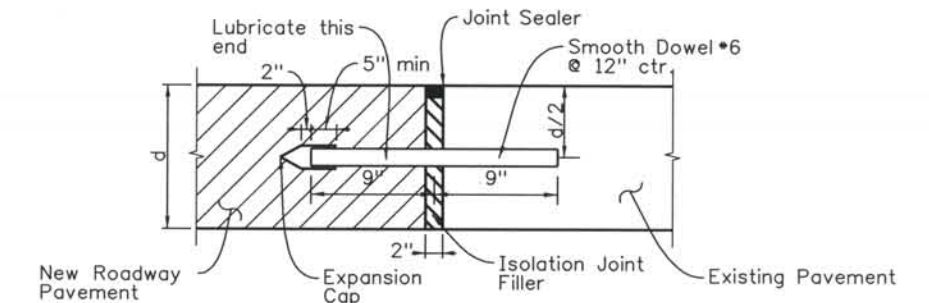
STEP 2: INSTALL NEW EXPANSION JOINT DEVICE



STEP 3: PLACE CONCRETE

Notes:

1. Concrete shall be Class D, f'c = 4500 psi
2. For Grade Projection Scheme, see Project Standard Drawing STD-BS11
3. All Construction Joints, concrete surfaces, and reinforcing shall be prepared according to Contract Documents prior to placing concrete.



STEP 4: INSTALL NEW DOWELED ISOLATION JOINT

Notes:

1. Sawcut full depth of existing pavement at midpoint of second panel from Bridge Expansion Joint.
2. Remove concrete pavement to limits shown in plans.
3. Drill and epoxy smooth Dowel Bars into existing pavement.
4. Install Isolation Joint Filler.
5. Pour new concrete pavement with Expansion Cap in place on Isolation Joint Dowel Bars. Reinstall Doweled Transverse Contraction Joint at previous location.

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 3:27:54 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004

327504.DS1 Bridge
 As-Built
 Scale: DScale
 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 24	02/08/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
EXPANSION JOINT REPLACEMENT
 SB I-25 OVER UINTAH
 SB I-25 OVER FONTANERO

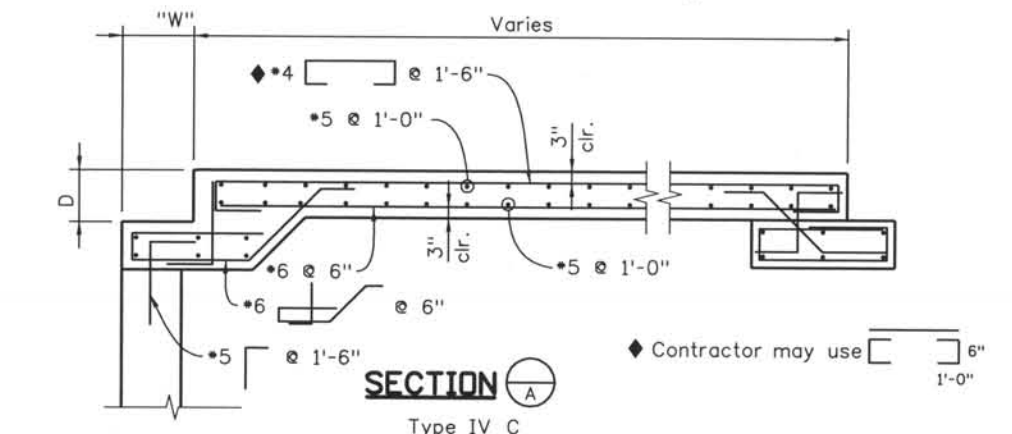
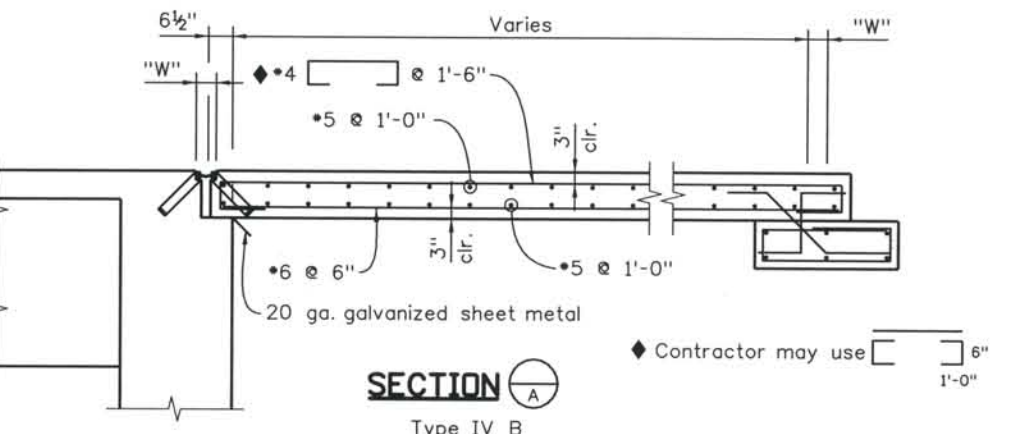
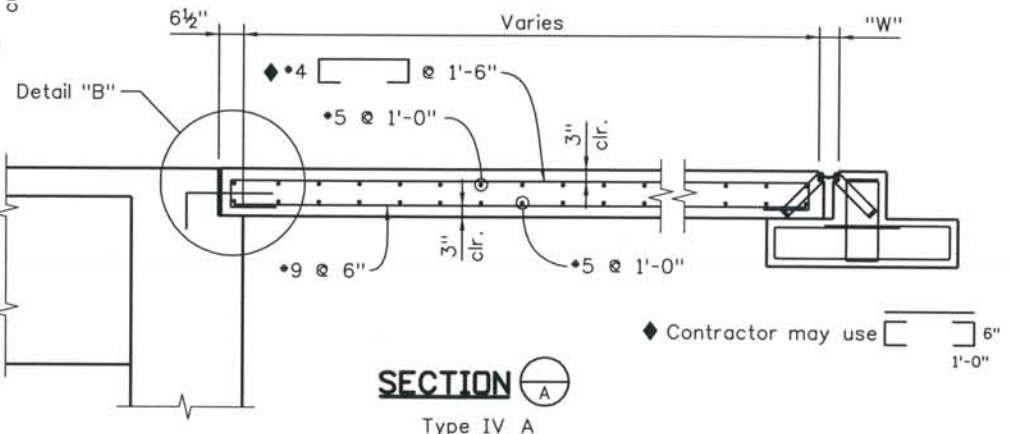
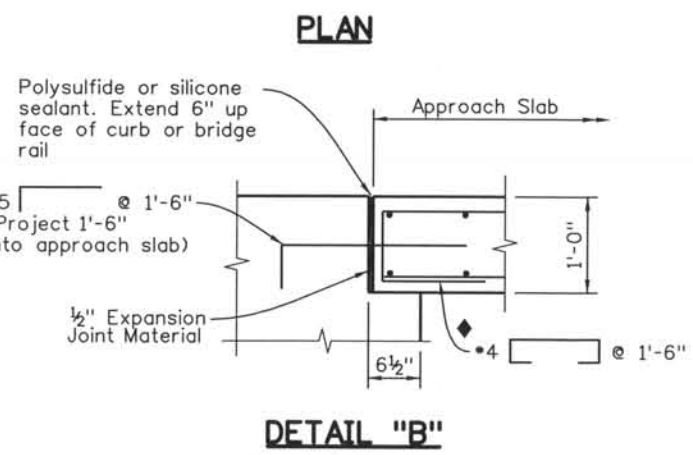
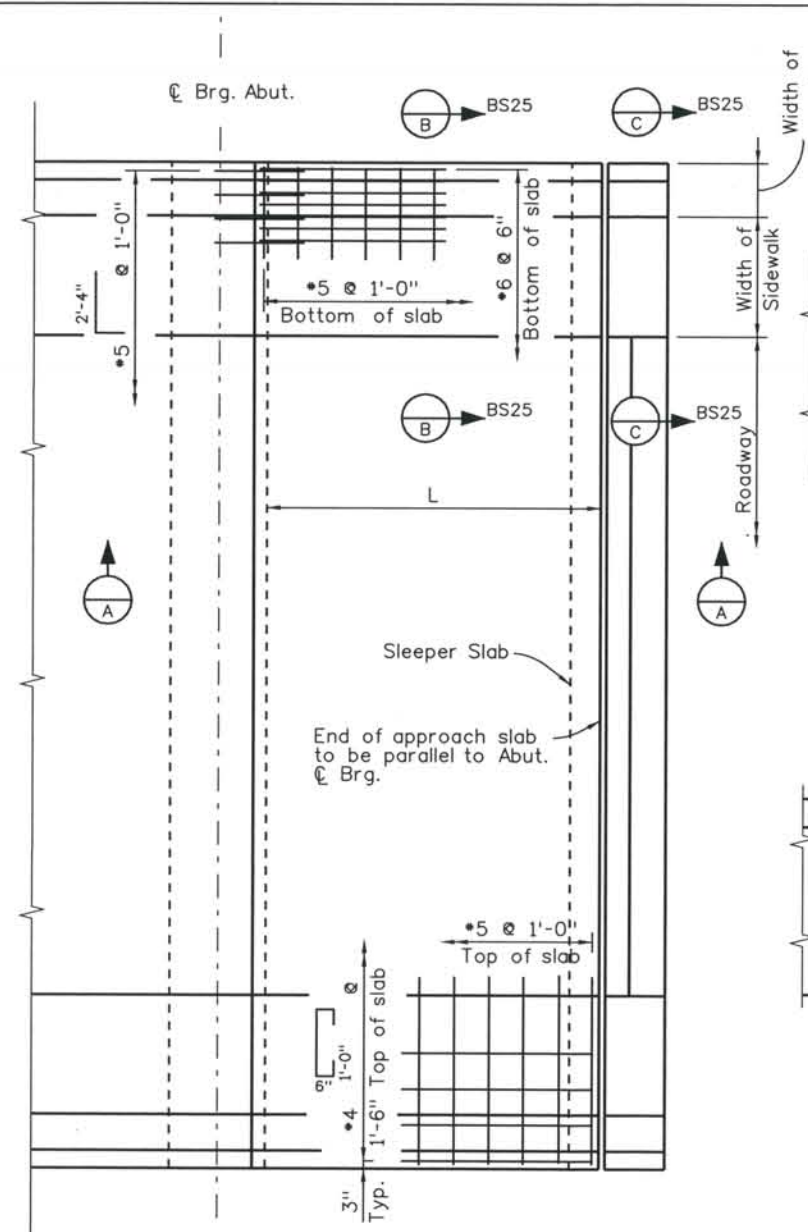
File Name: DS1-BRLS-EX01.DGN
 Structure Number:
 I-17-LS
 I-17-LU

Project No./Code:
 IM 0252-370
 S.A. 14740
 Project Dwg. No.: DS1-EJ-B1
 Structure Sheet No.: B1 of 1

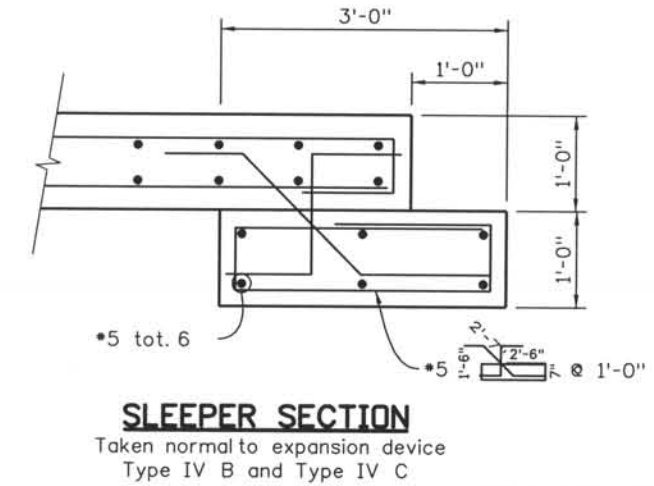
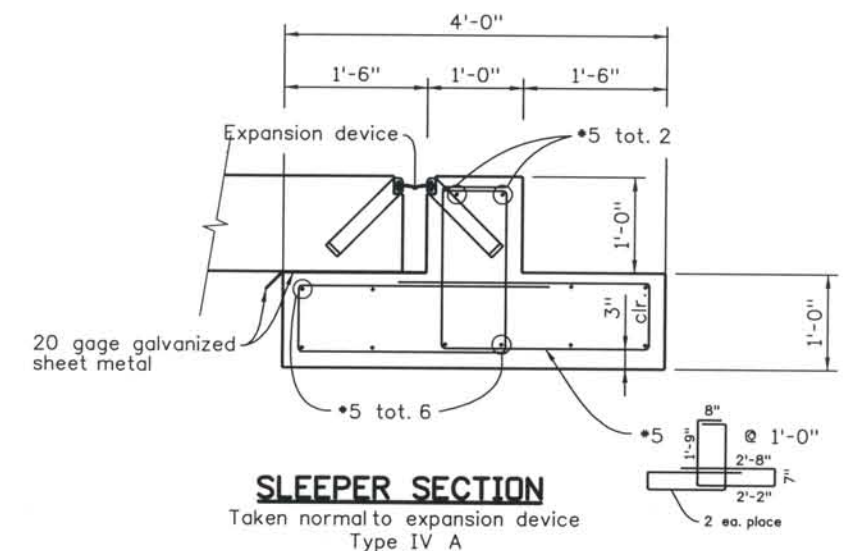
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY RYAN C. ABRAHAM COLORADO P.E. NO. 34310

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 3:27:59 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 327504.DS3 Bridge
 As-Built
 Scale: NTS
 Units: US Survey Foot



NOTES:
 Concrete Class H (Bridge) shall be used for approach slabs.
 1/2" expansion joint material shall meet AASHTO Spec. M213.
 For expansion device details see Dwg. Nos. BS11-BS13.
 For curb and rail details see Dwg. Nos. BS3-BS7.
 Approach slab concrete shall be cured in accordance with the Specifications for Bridge Deck Concrete in Subsection 601.
 Length (L) varies, for station at end of approach slab, see Construction Layout drawings.



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLAN SUBMITTAL	08/15/08



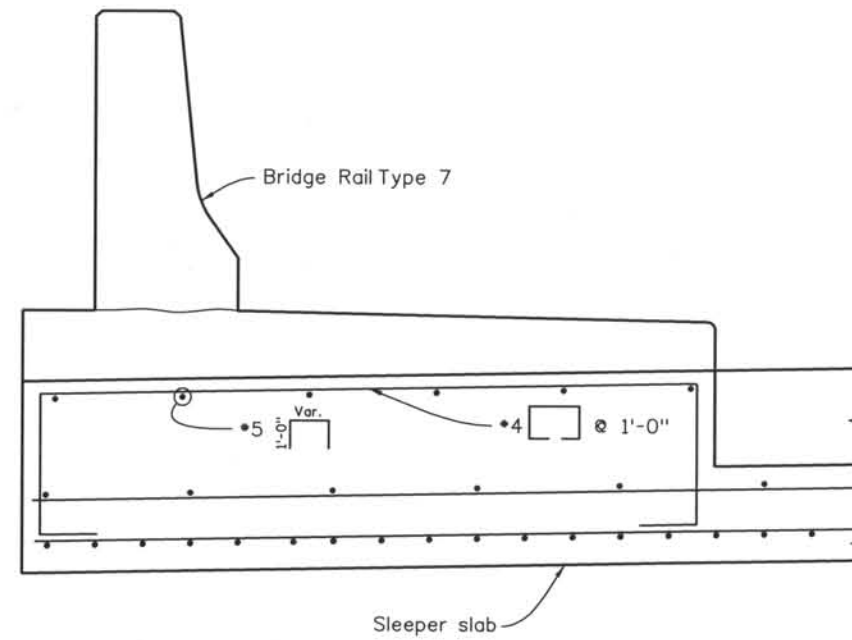
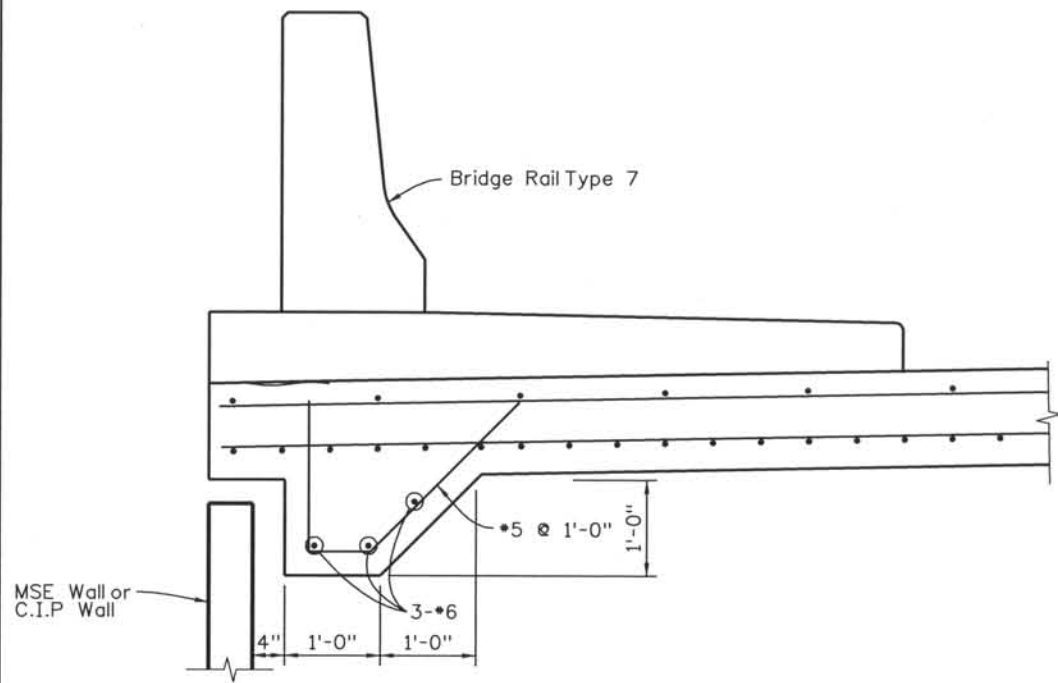
PROJECT STANDARD DRAWING
APPROACH SLAB TYPE IV DETAILS
 1 OF 2

File Name	STD-BRAS-T401.dgn
Structure Number	
Project No./Code	IM 0252-370 S.A. 14740
Project Dwg. No.	STD-BS24
Structure Sheet No.	BS24

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED FEBRUARY, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

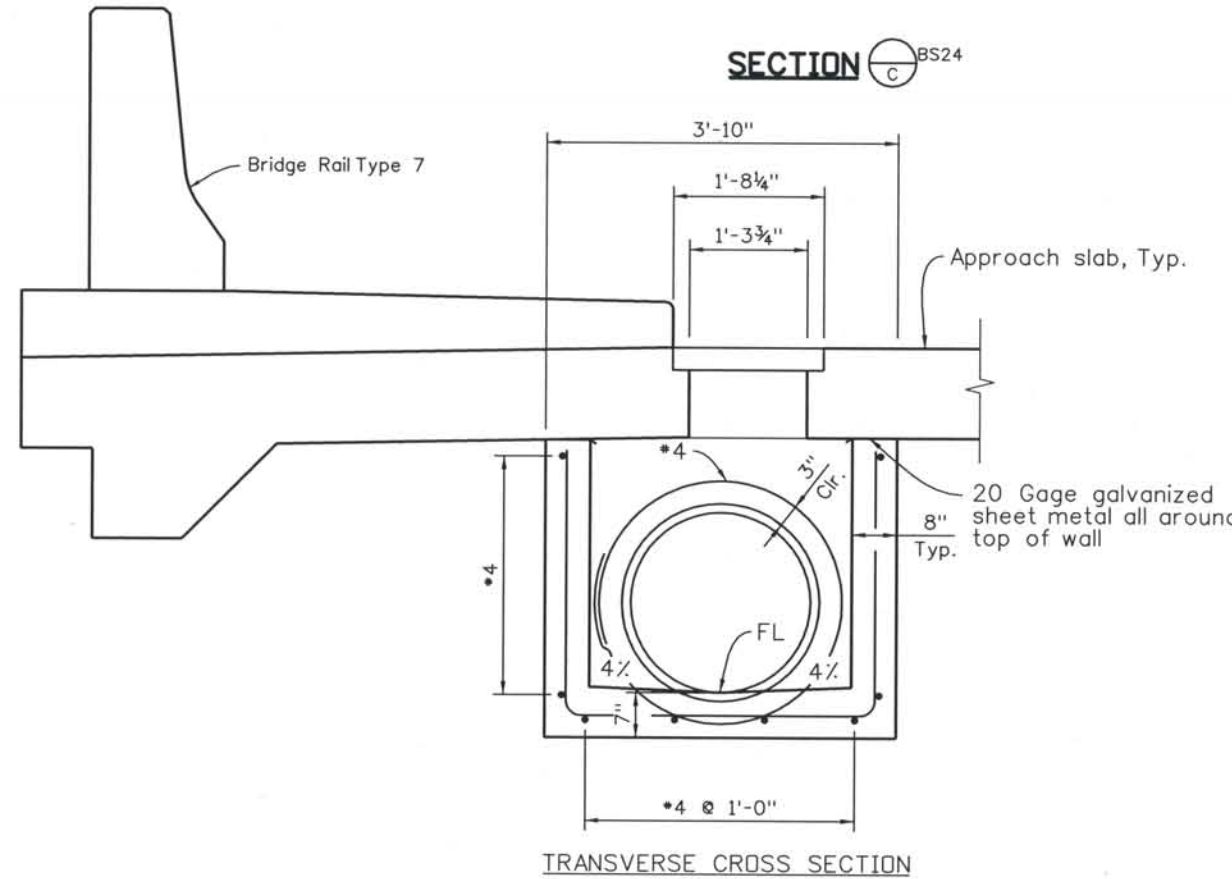
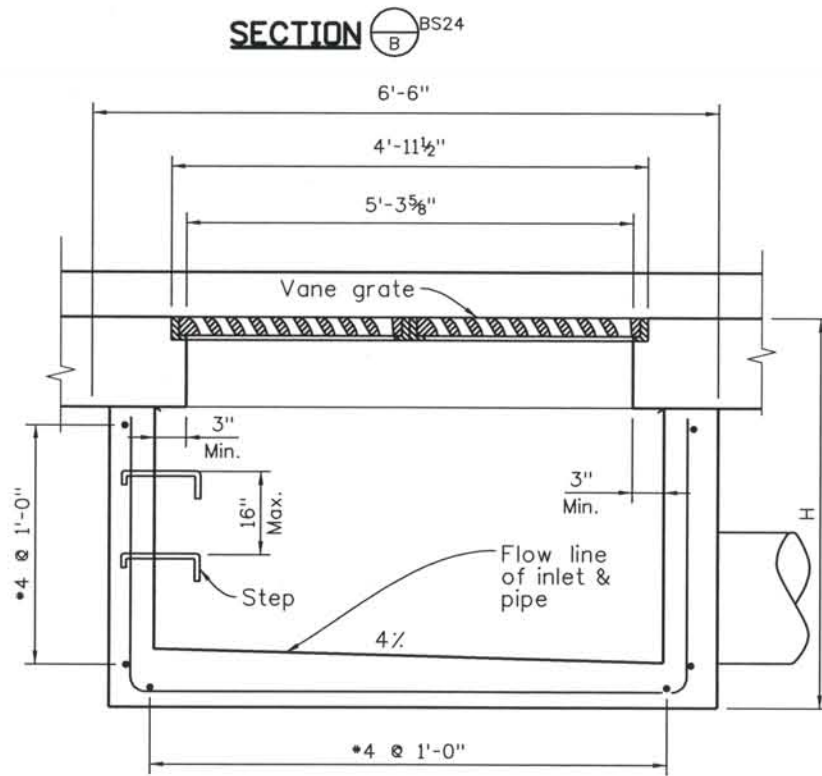
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 3:28:01 PM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: NTS
 Units: US Survey Foot
 327504.DS3 Bridge



GENERAL NOTES

1. Concrete shall be Class D.
2. Reinforcing bars shall be epoxy coated and deformed, and shall have a minimum 2 in. clearance.
3. Vane grate shall be Neenah Foundry Company catalog No. R-3580-1.
4. Steps shall be provided when inlet dimension "H" exceeds 3'-6" and shall be in accordance with AASHTO M 199.
5. See sheet M-604-11, Inlet Type D, for reinforcement around the pipe opening.



DRAIN DETAIL

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLAN SUBMITTAL	08/15/08



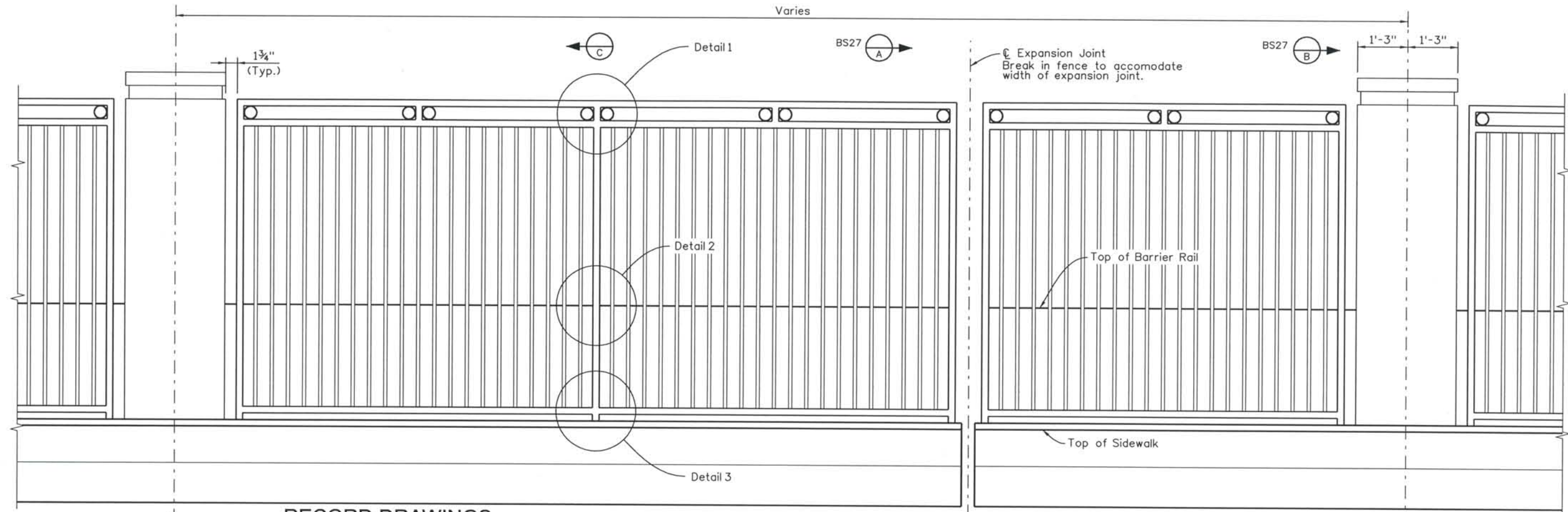
PROJECT STANDARD DRAWING
 APPROACH SLAB TYPE IV DETAILS
 2 OF 2

File Name: STD-BRAS-T402.dgn
 Structure Number:

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: STD-BS25
 Structure Sheet No.: BS25

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED FEBRUARY, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

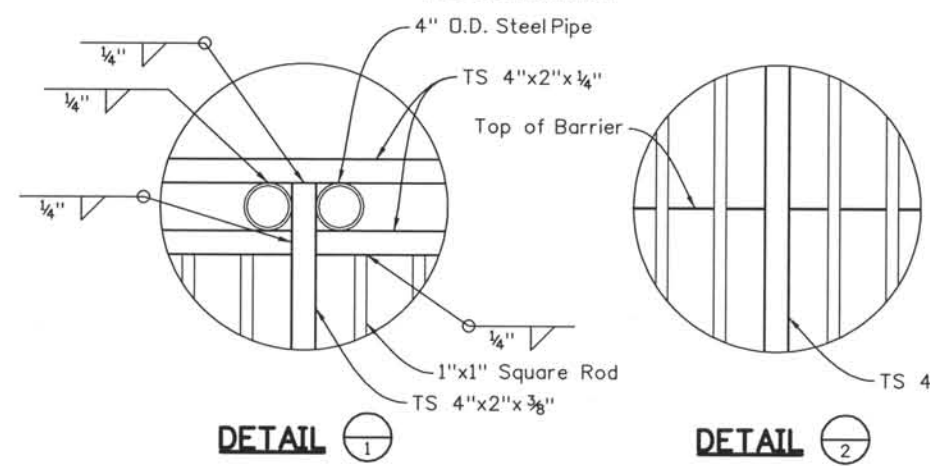
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



RECORD DRAWINGS

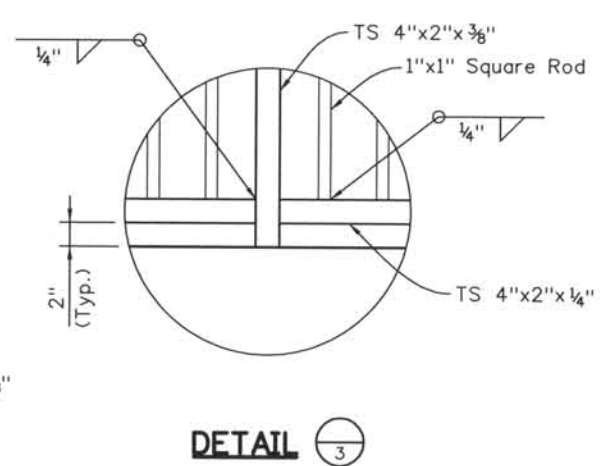
Revisions Drawn By A HURST Date MARCH 2008
 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.

ELEVATION

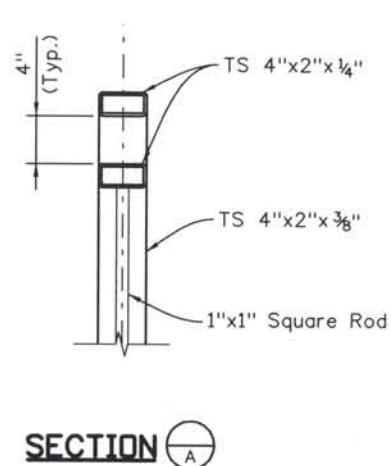


DETAIL 1

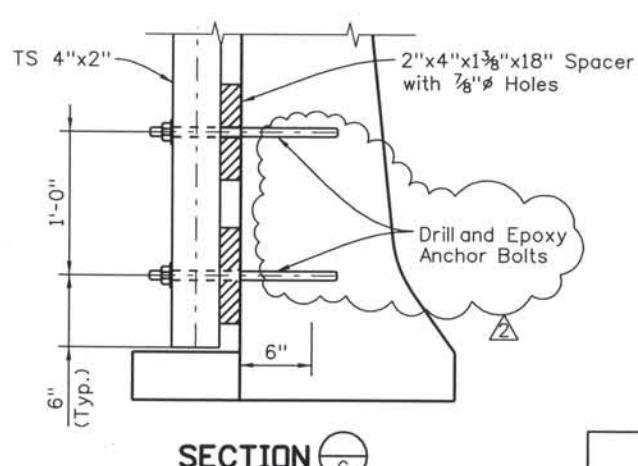
DETAIL 2



DETAIL 3



SECTION A



SECTION C

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 3:28:04 PM
 Plotted By: skramer
 CAD Ver.: MicroStation VB 2004

AFC Submittal 327504.DS3 Bridge
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



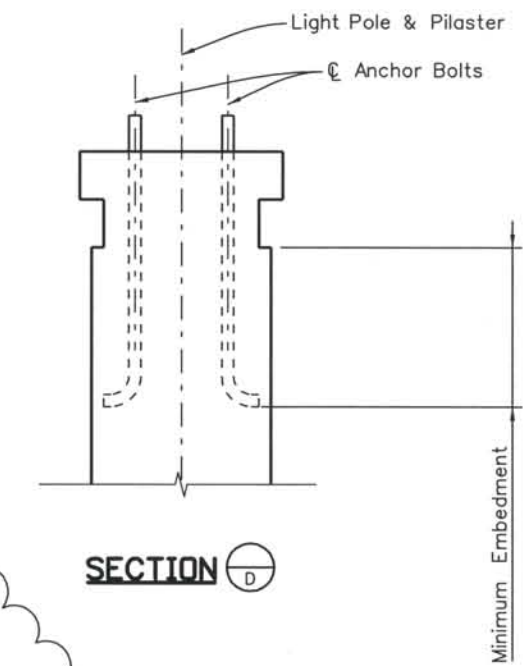
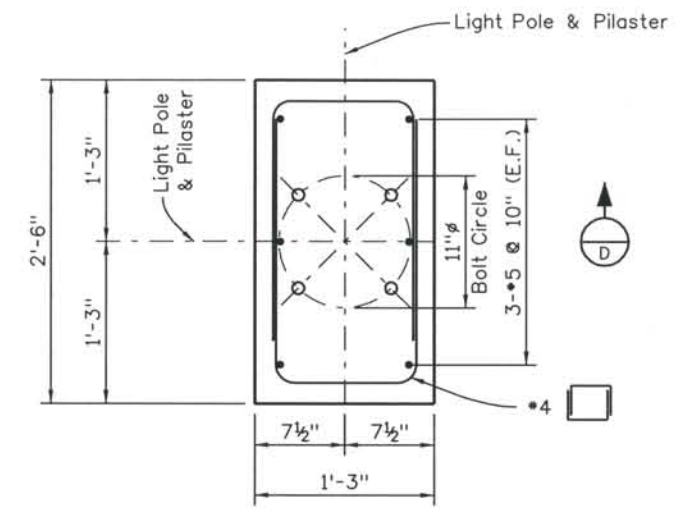
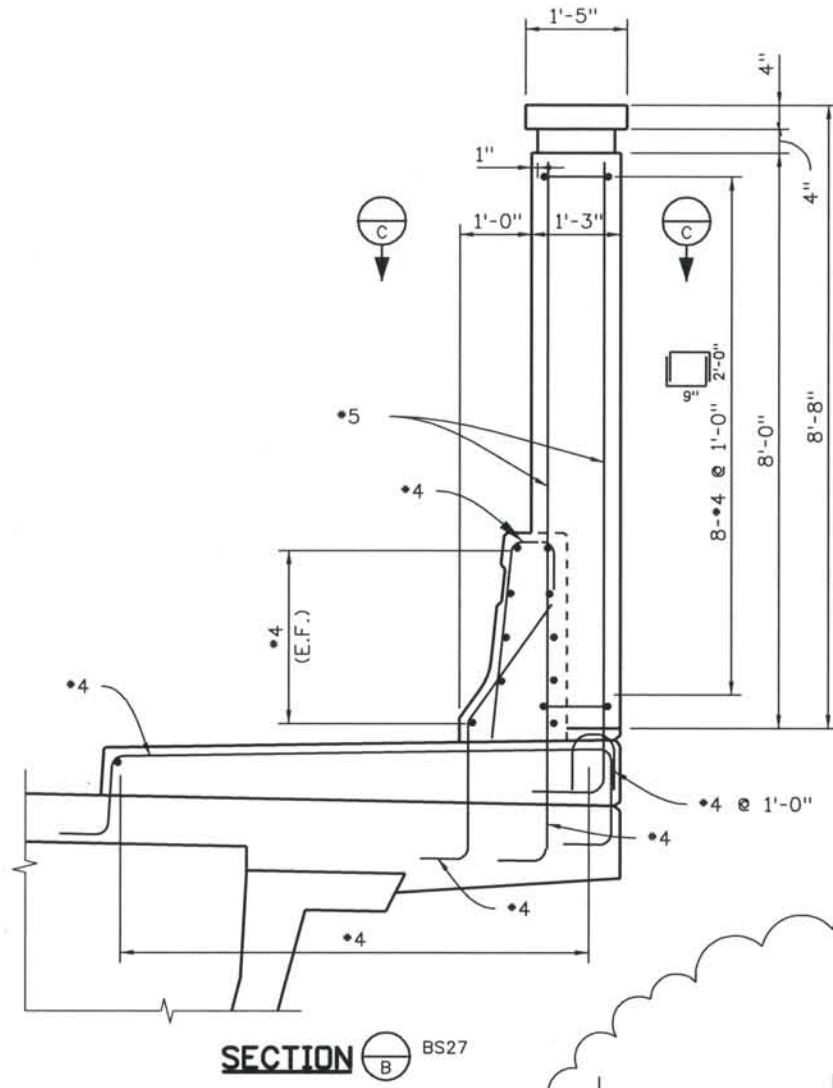
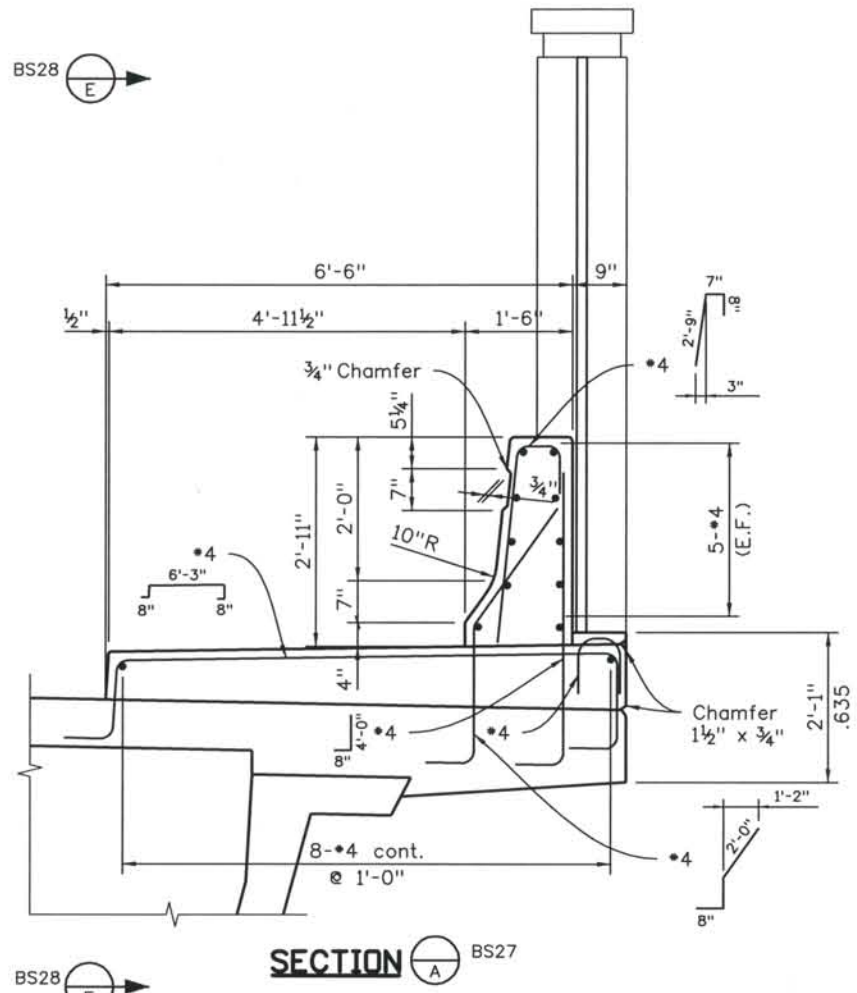
PROJECT STANDARD DRAWING
ARCHITECTURAL RAIL DETAILS
 1 OF 3

File Name: DS1-BRRD-ALL04.dgn
 Structure Number:

Project No./Code: IM 0252-370 S.A. 14740
 Project Dwg. No.: STD-BS26
 Structure Sheet No.: BS26

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED FEBRUARY, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL, COLORADO P.E. NO. 36772

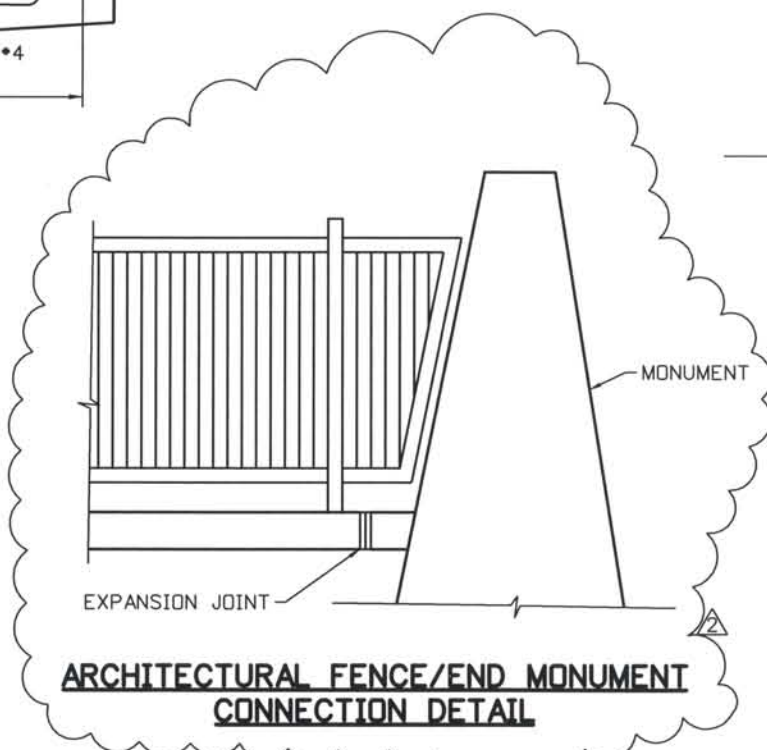
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



NOTES
 ALL STEEL TO CONFORM TO AASHTO M270, GRADE 36
 PROVIDE 3/8" Ø WEEP HOLE IN ALL TUBE STEEL MEMBERS.
 ALL ANCHOR BOLTS TO BE A-325 OR A-449 WITH HEX NUTS AND LOCK WASHERS
 FENCE TO BE PAINTED DARK GREEN TO MATCH FEDERAL COLOR 34108.



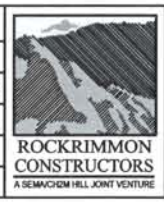
THE ENGINEER SEALS ONLY THE CLOUDED DESIGN REVISION ON THIS DRAWING.



ARCHITECTURAL FENCE/END MONUMENT CONNECTION DETAIL

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:10:51 AM
 Plotted By: skramer
 CAD Ver.: MicroStation V8 2004
 Scale: 3/8 at 11x17 Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	DESIGNED BY
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	B.F.G.
2	AS-BUILT PLANS SUBMITTAL	08/15/08	M.M.M.



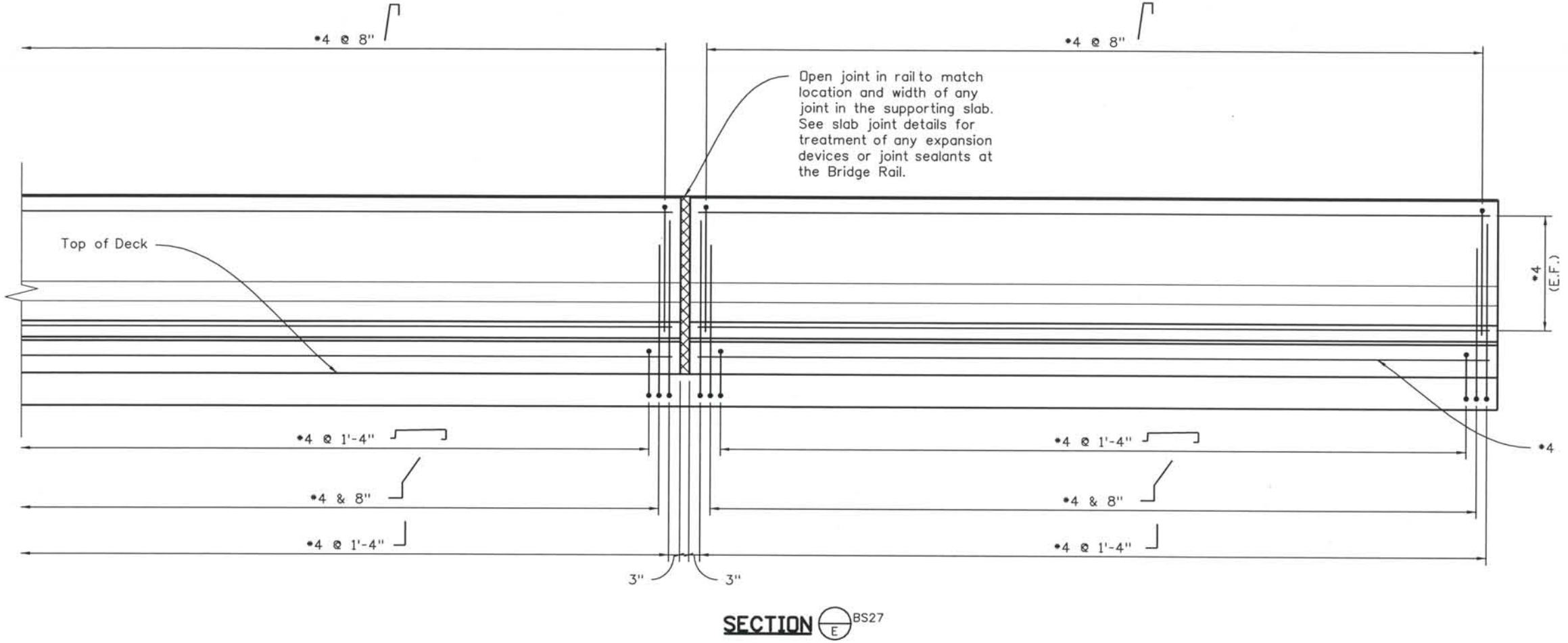
PROJECT STANDARD DRAWING
 ARCHITECTURAL RAIL DETAILS
 2 OF 3

File Name: STD-BRRD-ALL05.dgn
 Structure Number:

Project No./Code
 IM 0252-370
 S.A. 14740
 Project Dwg. No. STD-BS27
 Structure Sheet No. BS27

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED FEBRUARY, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY BRENDAN F. GILL COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



SECTION \ominus BS27

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 3:28:10 PM
 Plotted By: skramer
 CAD Ver.: MicroStation VB 2004
 As-Built
 Scale: 3/8 at 11x17
 Units: US Survey Foot
 327504.DS3 Bridge

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



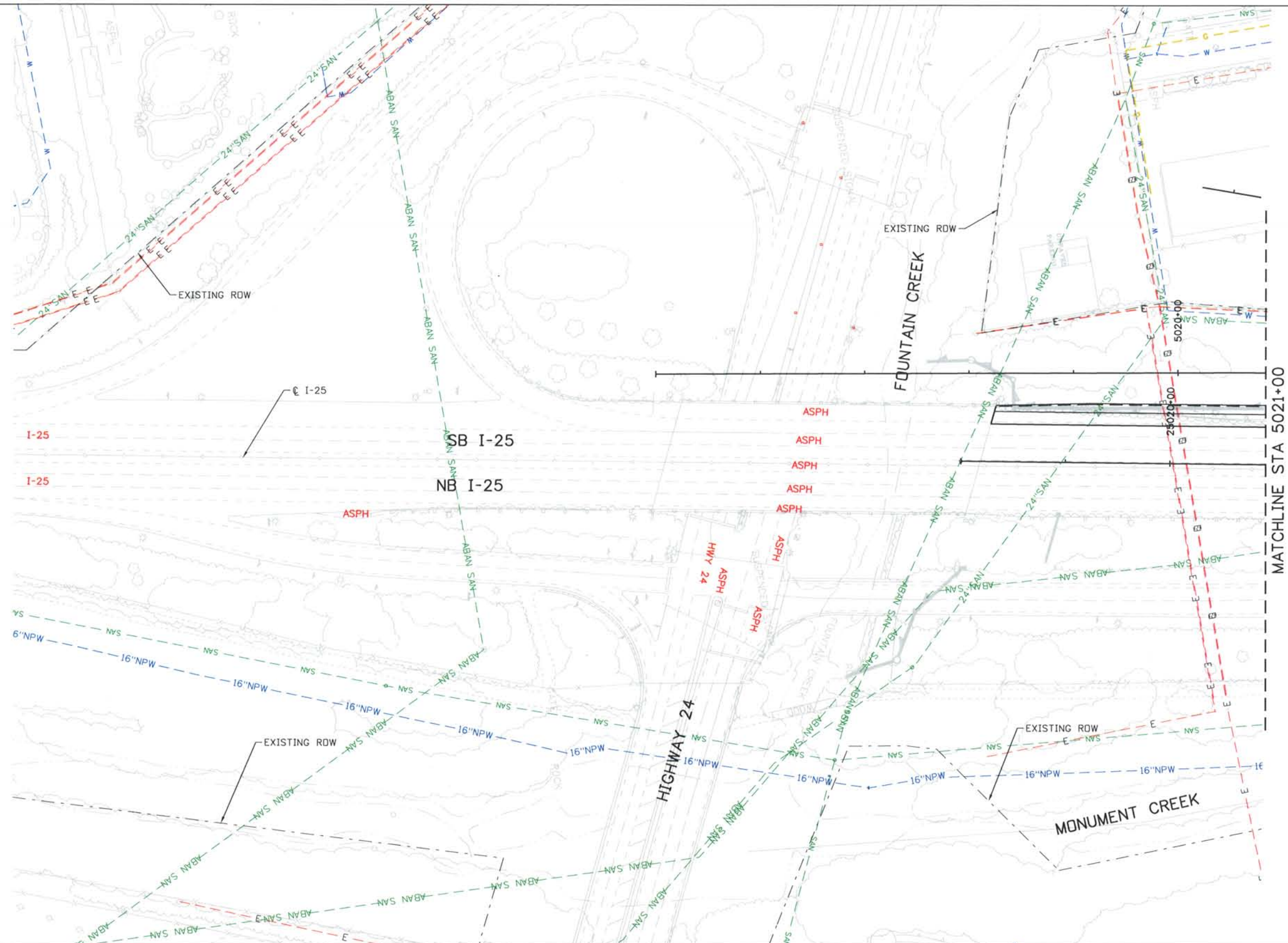
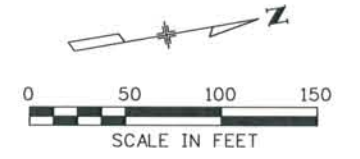
PROJECT STANDARD DRAWING
ARCHITECTURAL RAIL DETAILS
 3 OF 3

File Name STD-BRRD-ALL06.dgn
Structure Number

Project No./Code
IM 0252-370
S.A. 14740
Project Dwg. No. STD-BS28
Structure Sheet No. BS28

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 FEBRUARY, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 BRENDAN F. GILL
 COLORADO P.E. NO. 36772

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LANUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:07 AM
 Plotted By: \$username
 CAD Ver.: MicroStation VB 2004
 As-Built
 Scale: 100 at 11x17 Units: US Survey Foot
 327504.DS1 UTILITY

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



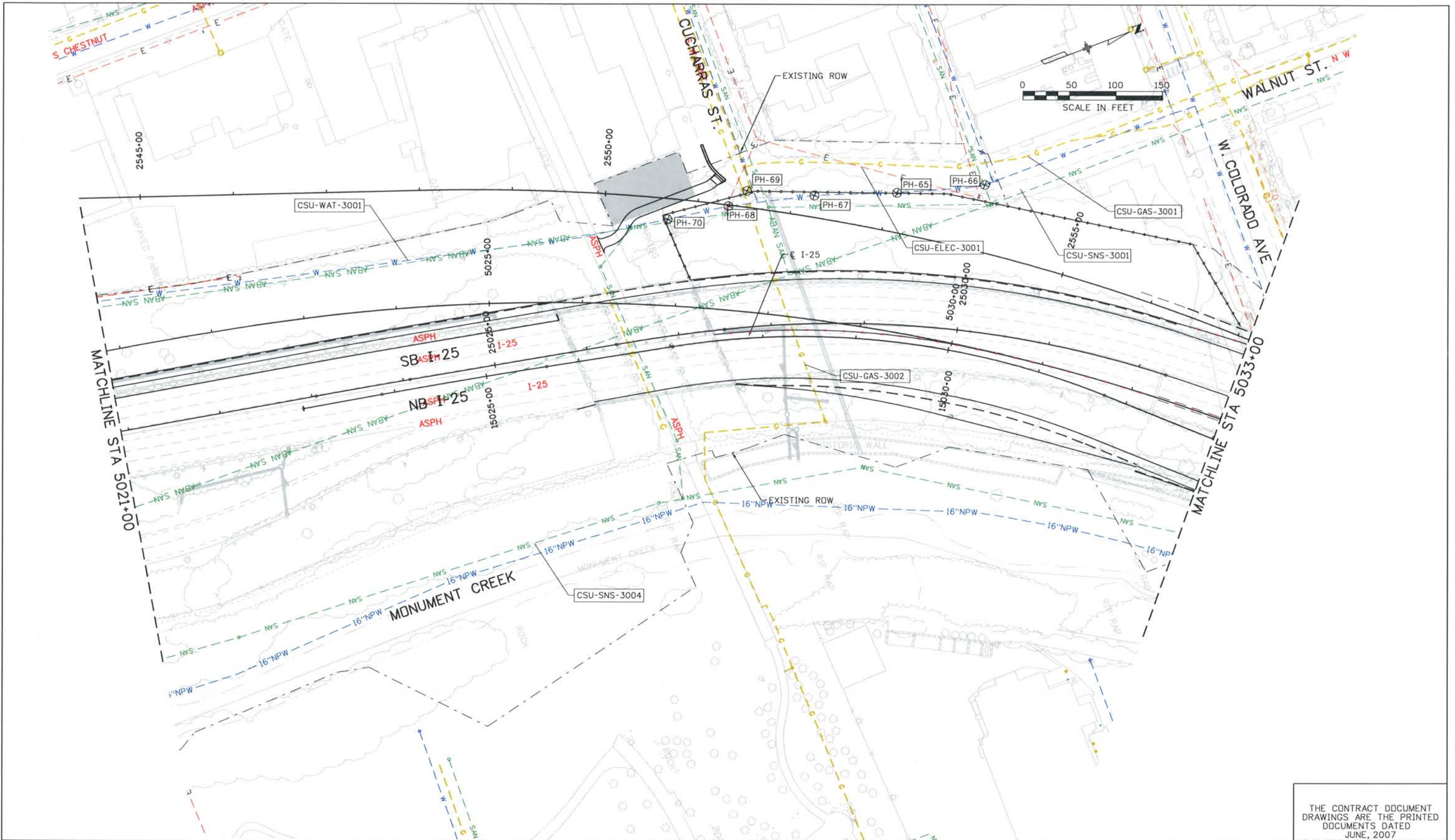
DESIGN SEGMENT 1
 I-25 UTILITY PLAN
 STA 5009+00 TO STA 5021+00

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-GEUT-I2503.DGN
 Drawing Number DS1-U201

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:12 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 UTILITY
 Scale: 100 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 I-25 UTILITY PLAN
 STA 5021+00 TO STA 5033+00

Project No./Code
 IM 0252-370
 S.A. 14740

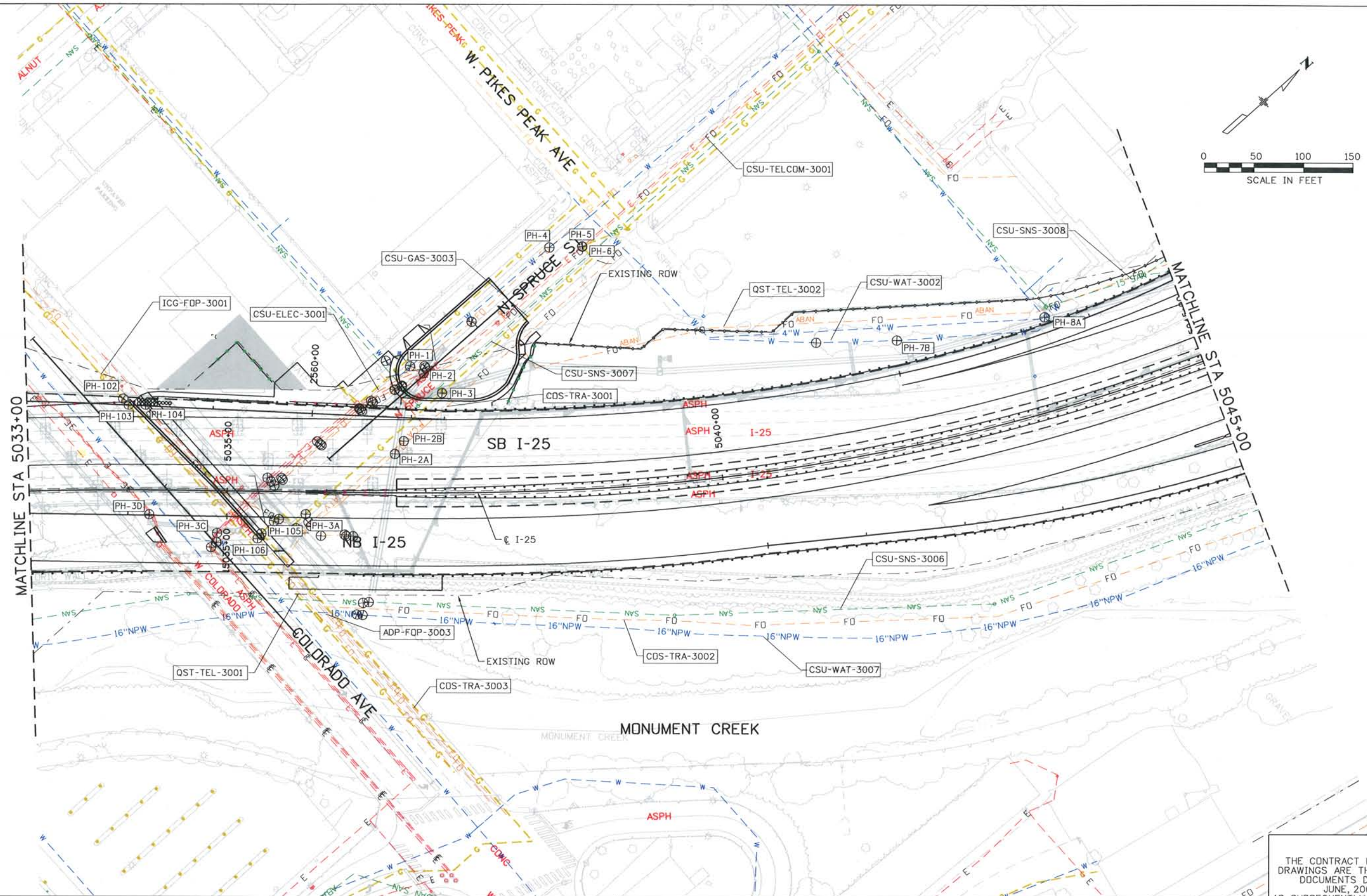
File Name
 DS1-GEUT-I2504.DGN

Drawing Number
 DS1-U202

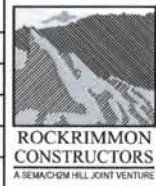
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:18 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 UTILITY
 Scale: 100 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITAL	08/15/08

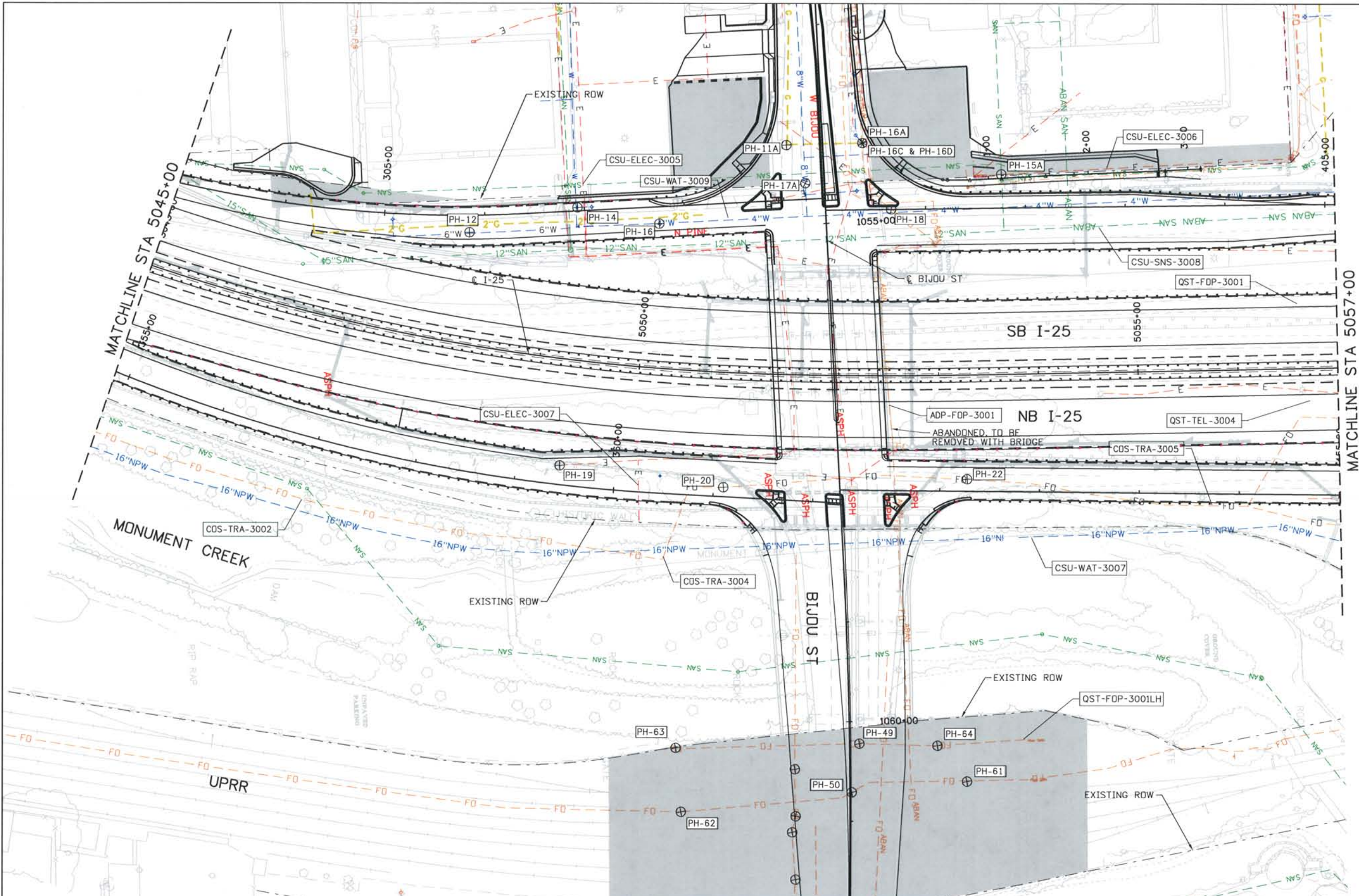
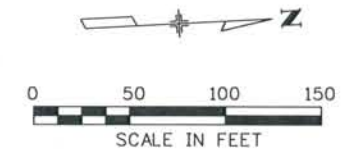


DESIGN SEGMENT 1
I-25 UTILITY PLAN
STA 5033+00 TO STA 5045+00

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-GEUT-I2505.DGN
 Drawing Number DS1-U203

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 ALLEN DAWSON MOLES
 COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:24 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built: 327504.DS1 UTILITY
 Scale: 100 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

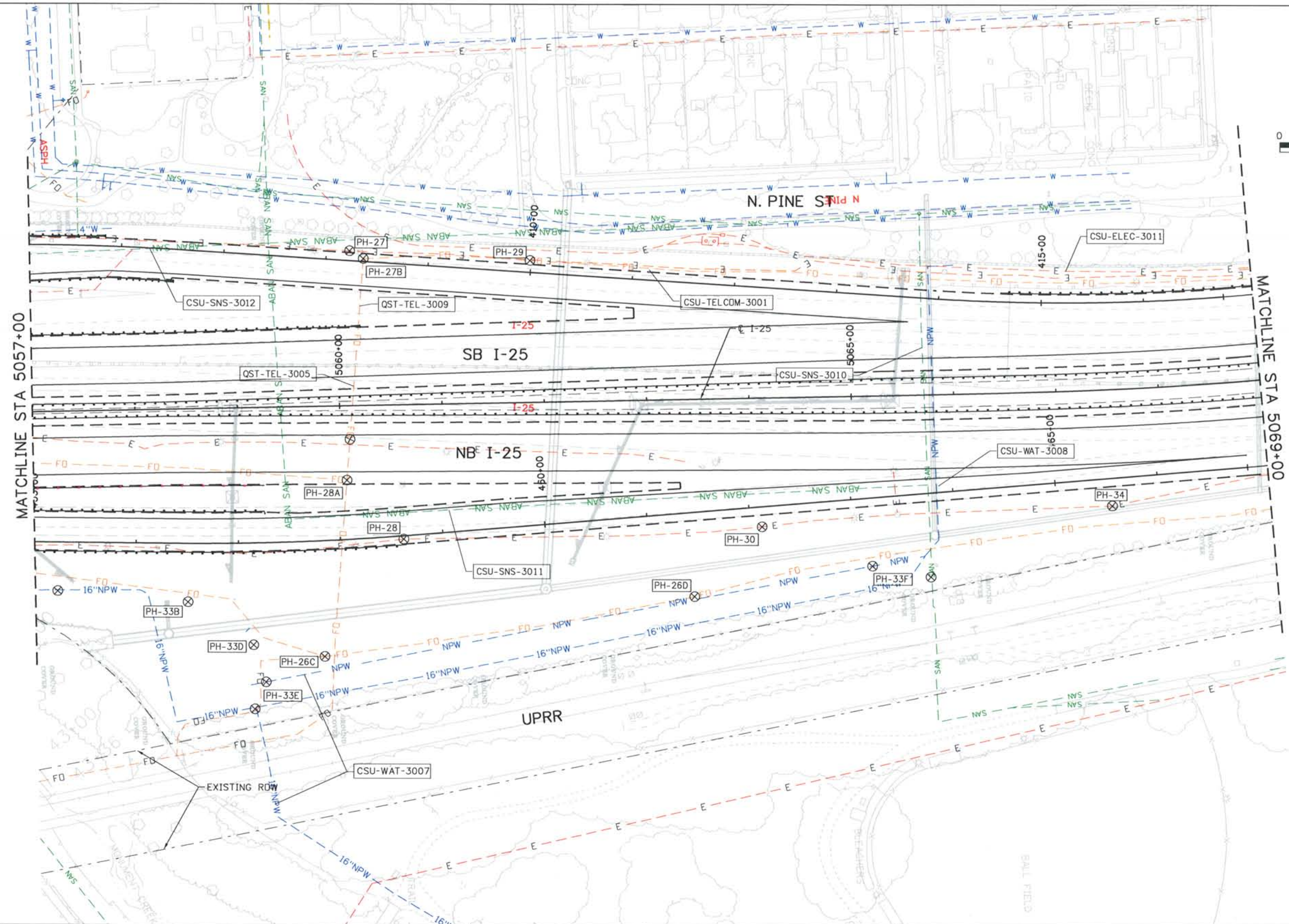
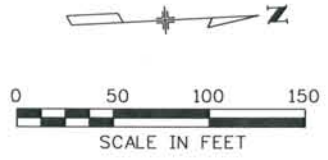


DESIGN SEGMENT 1
 I-25 UTILITY PLAN
 STA 5045+00 TO STA 5057+00

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-GEUT-12506.DGN
 Drawing Number: DS1-U204

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAWUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:28 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI UTILITY
 Scale: 100 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

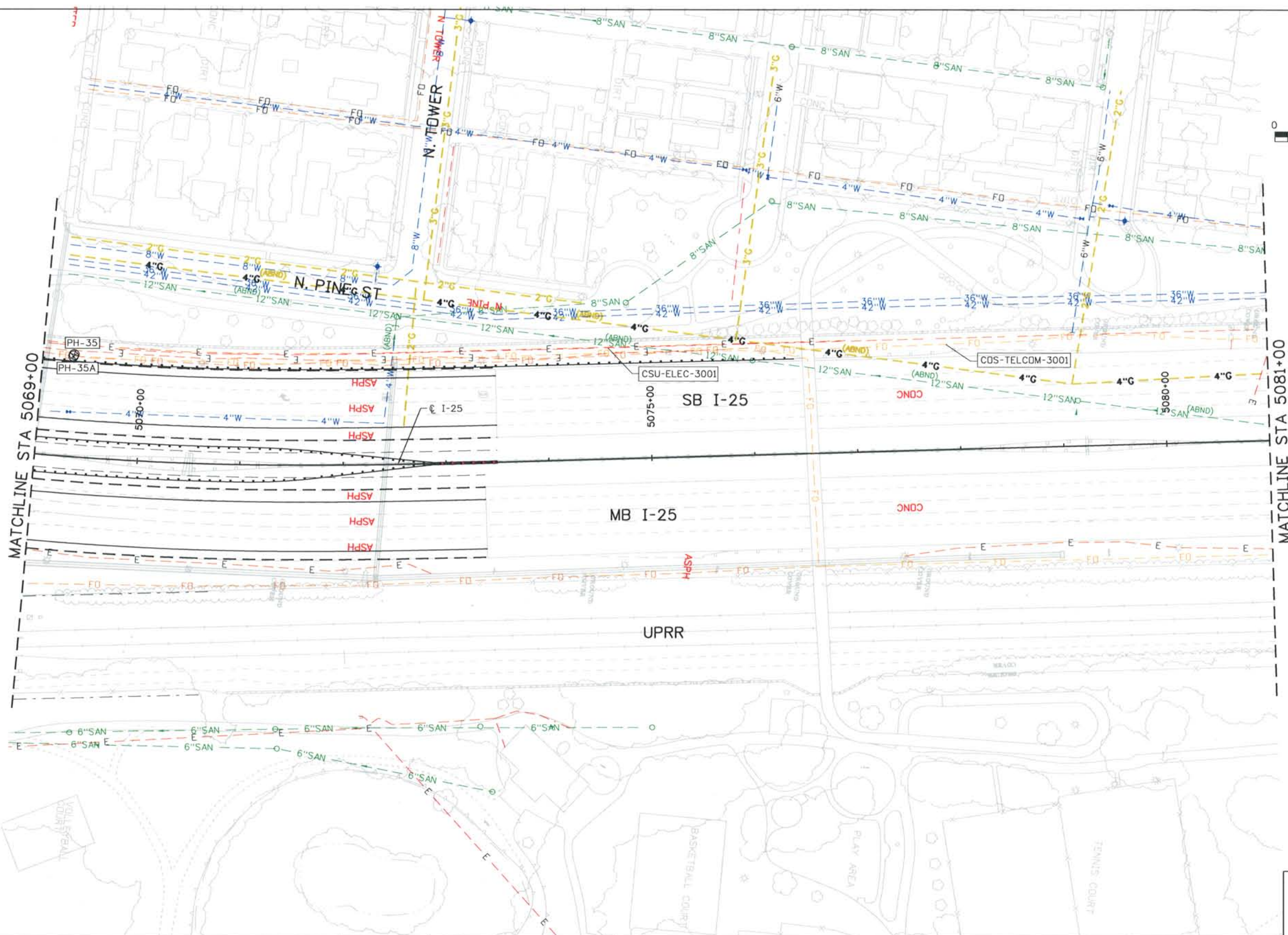
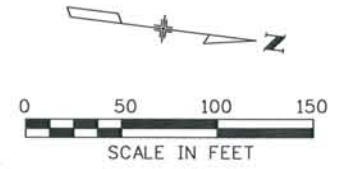


DESIGN SEGMENT 1
 I-25 UTILITY PLAN
 STA 5057+00 STA 5069+00

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-GEUT-I2507.DGN
 Drawing Number DS1-U205

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



MATCHLINE STA 5069+00

MATCHLINE STA 5081+00

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:33 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 Scale: 100 at 11x17 Units: US Survey Foot
 As-Built 327504.DS1 UTILITY

ISSUE RECORD		
ND.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

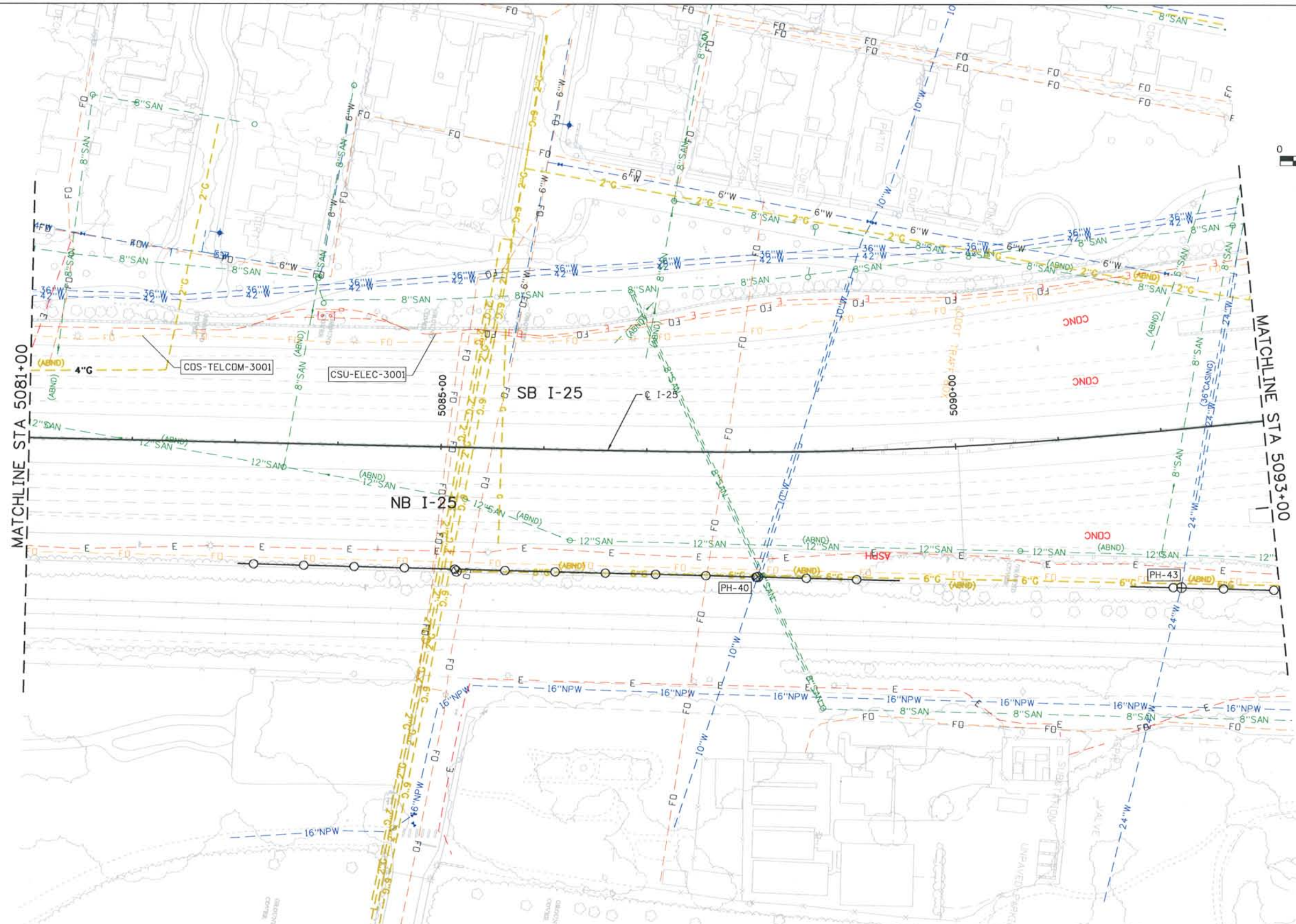
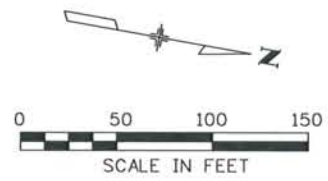


DESIGN SEGMENT 1
 I-25 UTILITY PLAN
 STA 5069+00 TO STA 5081+00

Project No./Code	
IM 0252-370 S.A. 14740	
File Name	DS1-GEUT-I2508.DGN
Drawing Number	DS1-U206

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAWUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:38 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 UTILITY
 Scale: 100 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



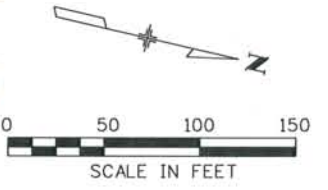
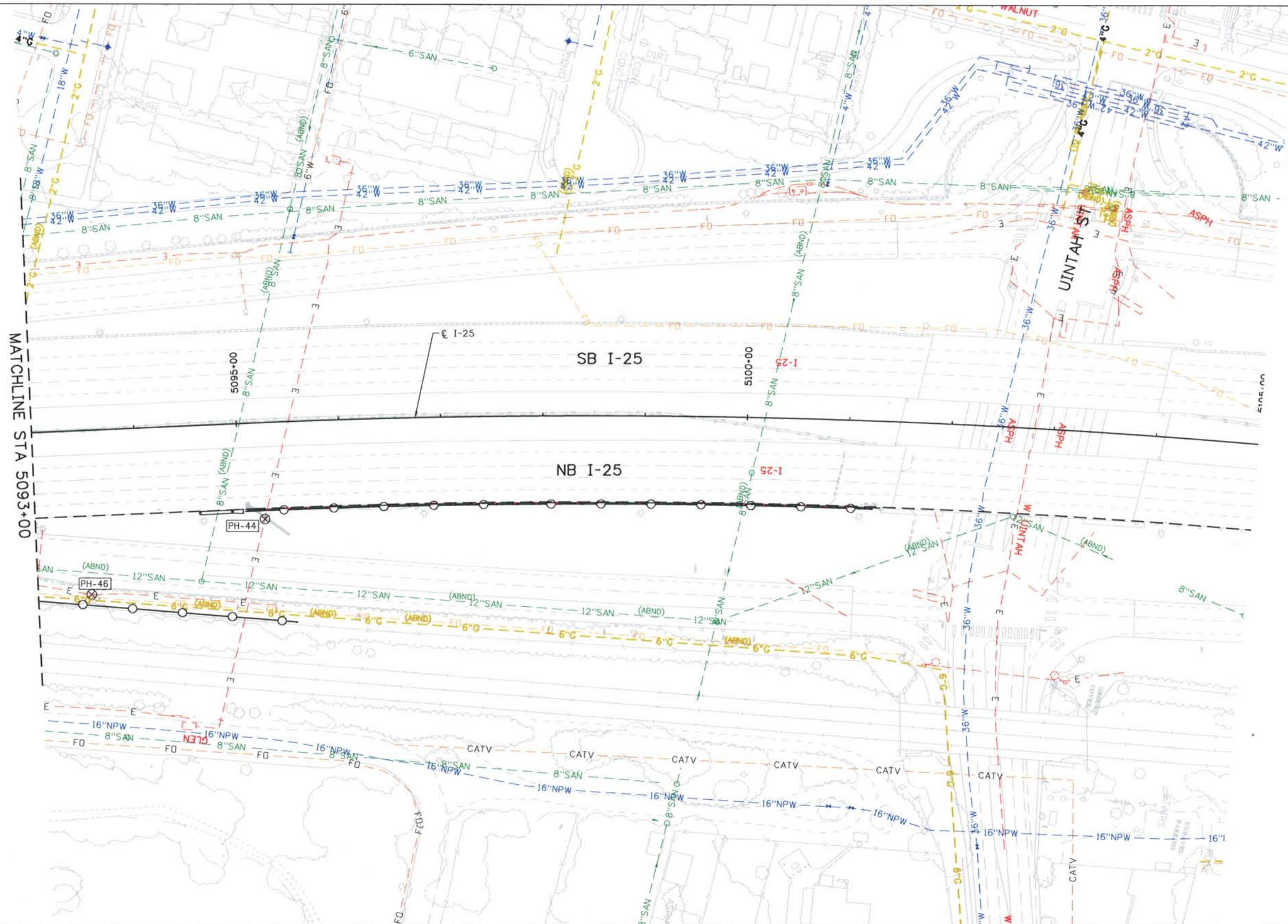
DESIGN SEGMENT 1
 I-25 UTILITY PLAN
 STA 5081+00 TO STA 5093+00

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-GEUT-12509.DGN
 Drawing Number DS1-U207

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:42 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 UTILITY
 Scale: 100 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



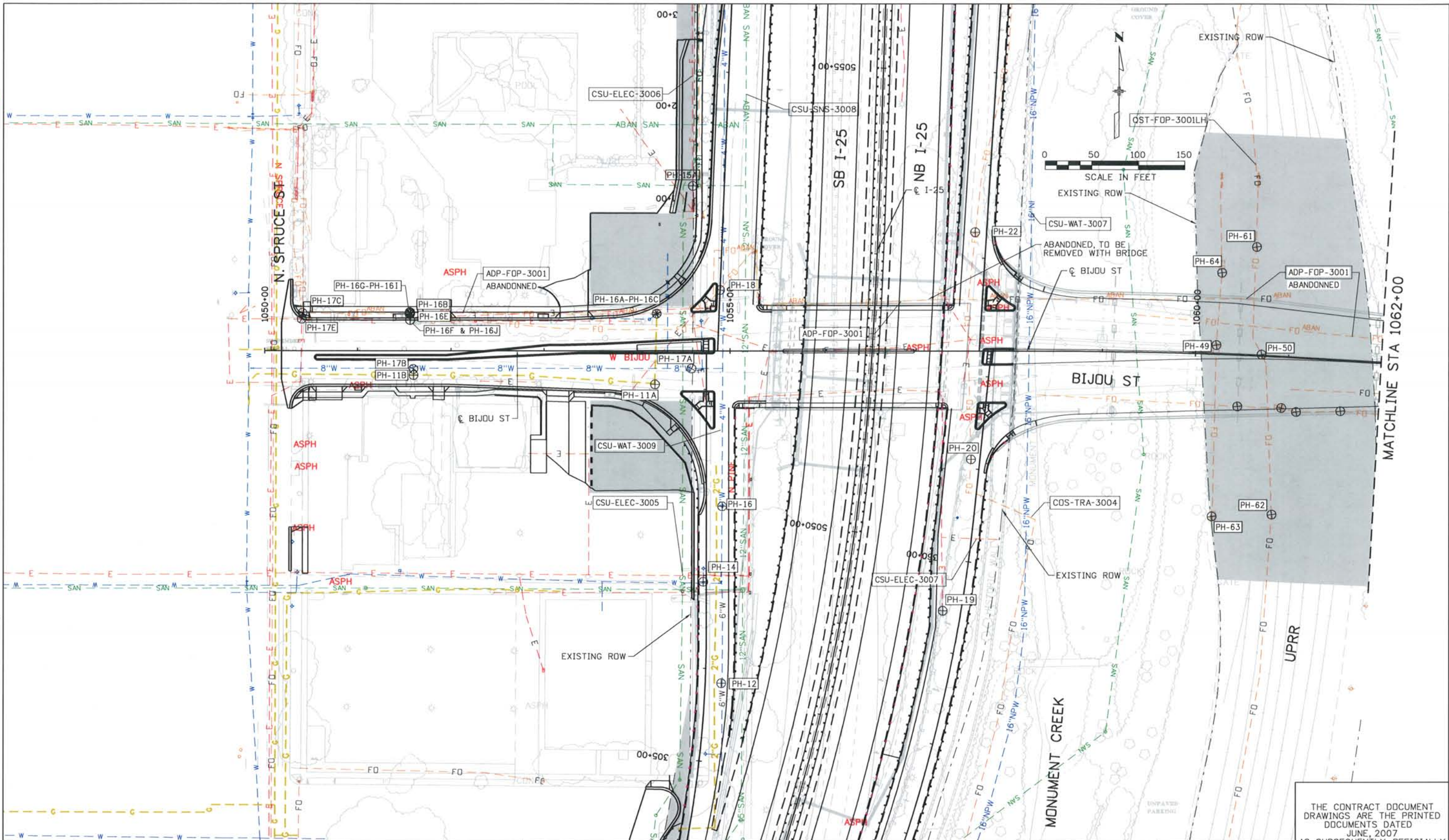
DESIGN SEGMENT 1
I-25 UTILITY PLAN
STA 5093+00 TO STA 5105+00

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-GEUT-I2510.DGN
 Drawing Number DSI-U208

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:48 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 UTILITY
 Scale: 100 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



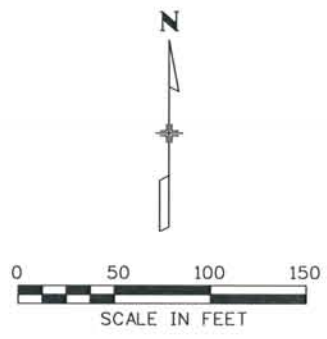
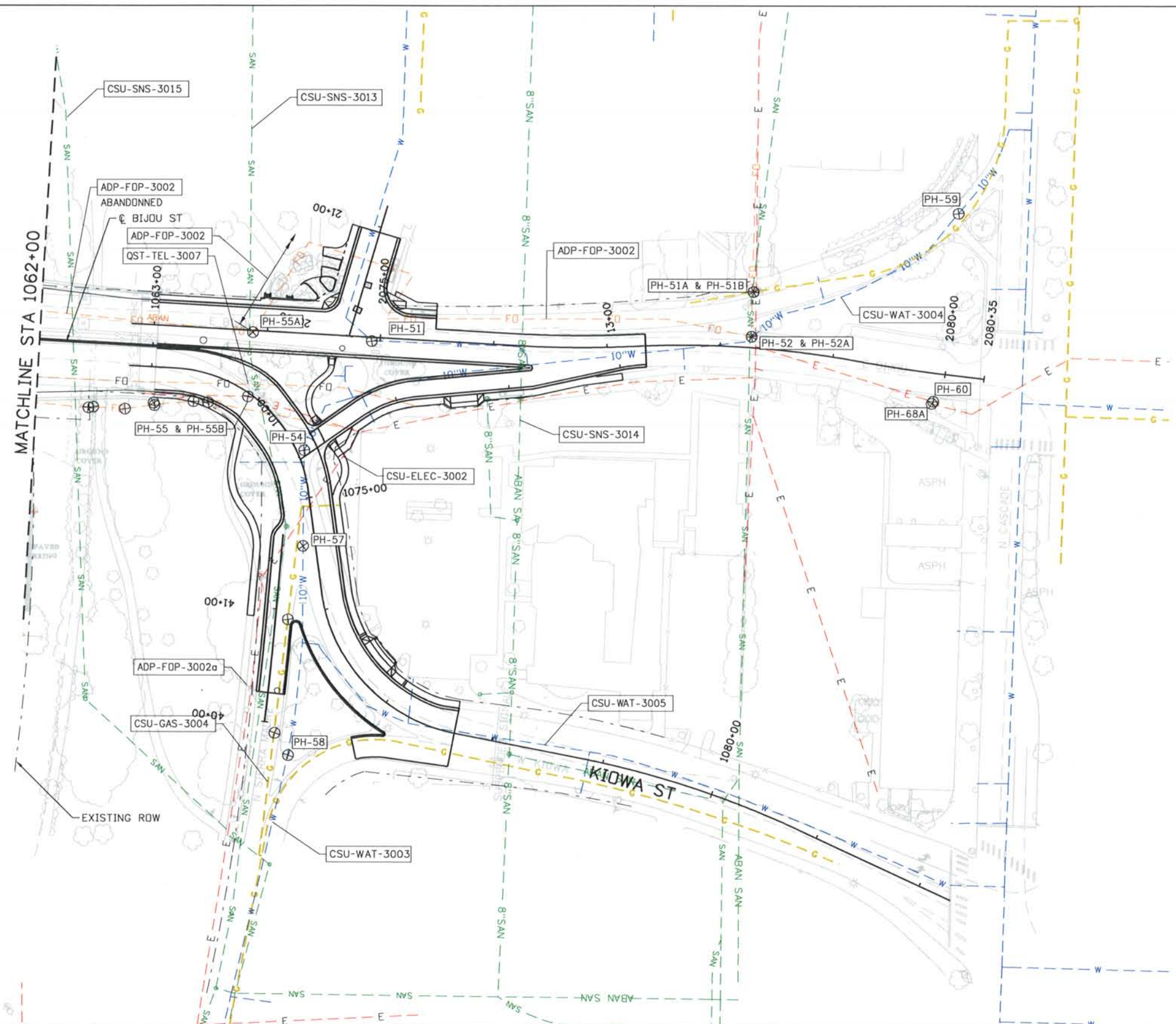
DESIGN SEGMENT 1
 BIJOU UTILITY PLAN
 STA 1050+00 TO STA 1062+00

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-GEUT-BIJ01.DGN
 Drawing Number DS1-U209

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LANUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 11:02:52 AM
 Plotted By: \$username
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1 Utility
 Scale: 100 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 BIJOU UTILITY PLAN
 STA 1062+00 TO END

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-GEUT-BIJ02.DGN
 Drawing Number DS1-U210

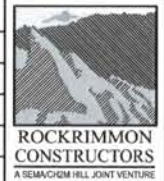
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Segment 1 Pothole Table							
PointNo.	Northing(Y)	Easting(X)	Ground Elevation	Top of Utility Elevation	Invert of Utility Elevation	Location	Description
PH-001	165426.863	91233.051	5974.062	5970.062	5969.229	Spruce/North of Colorado	WAT 76" 10" Pipe Asph Depth 6"
PH-002	165432.536	91247.269	5974.750	5971.250		Spruce/North of Colorado	ELEC 42" T
PH-002a	165356.361	91288.613	5974.116	5971.116		Spruce/North of Colorado	COS FO 36" T 4-1.5" Conduits
PH-002b	165371.764	91284.946	5973.926	5971.926	5970.991	Spruce/North of Colorado	FO 24" T 3-1.5" Conduits
PH-003	165432.999	91274.668	5973.499	5970.082	5971.801	Colorado & Spruce	GAS 41" T
PH-003a	165248.943	91273.882	5976.714	5973.131		Colorado & Spruce	GAS 43" T
PH-003c	165169.709	91228.429	5978.268	5975.101		Colorado & Spruce	ELEC 38" T
PH-003d	165131.364	91168.680	5975.727	5973.977		Spruce/North of Colorado	?? 21" T 2" Conduit Asph Depth 11.5"
PH-004	165611.785	91237.522	5973.936	5969.936	5969.103	Spruce/North of Colorado	WAT 68" T 10" Pipe Conc Encased 38.5" T Asph Depth 6.5"
PH-005	165637.038	91259.142	5974.116	5971.616		Spruce/North of Colorado	ELEC 30" T
PH-006	165637.201	91258.849	5973.907	5969.907	5969.407	Spruce/North of Colorado	GAS 48" T 6" Pipe Asph Depth 2"
PH-007b	165809.764	91541.166	5975.411	5971.411	5971.078	Mainline/Sta 5040	WAT 48" T 4" Potable
PH-008a	165936.304	91623.522	5976.737	5972.904	5972.57	Mainline/Sta 5043+50	WAT 46" T 4" Potable
PH-011a	166666.845	91675.293	5982.526	5978.276	5978.109	Pine Street	GAS 51" T 2" Pipe Asph Depth 6"
PH-011b	166676.588	91415.827	5981.254	5978.754	5978.629	Pine Street	GAS 30" T 1.5" Pipe Asph Depth 6.5"
PH-012	166345.397	91746.444	5977.812	5973.395	5972.895	Pine Street	WAT 53" T 6" Pipe Asph Depth 5.5"
PH-014	166454.516	91727.119	5979.420	5975.170	5974.670	Pine Street	WAT 51" T 6" Pipe Asph Depth 6"
PH-015a	166880.314	91715.664	5984.400	5980.650		Bijou/SB Off-Ramp	ELEC 45" T
PH-016	166535.726	91747.468	5980.158	5975.825		Bijou/SB On-Ramp	WAT 52" T
PH-016a	166742.895	91677.072	5983.193	5978.026			FO 62" T 1-4" Conduit
PH-016b	166743.797	91412.074	5982.842	5981.092	5980.759	Bijou/West of Pine St	FO 21" T 1-4" & 2-1.25" Conduits
PH-016c	166742.899	91677.103	5983.295	5979.962			GAS 40" T 1" Pipe
PH-016d	166742.935	91677.090	5983.226	5981.476			ph#16b2-4"sewer43"
PH-016e	166742.744	91412.131	5983.002	5981.335	5981.190	Bijou/West End	FO 20" T 1.75" Conduit
PH-016f	166735.790	91411.976	5982.646	5981.229	5981.104	Bijou/West End	COS/Lights 17" T 1.5" Conduit
PH-016g	166744.351	91411.600	5982.785	5981.035		Bijou/West of Ramps	FO 21" T
PH-016h	166744.375	91411.974	5982.602	5981.935	5981.831	Bijou/West End	COS/Lights 8" T 2 1.25" Conduits
PH-016i	166742.126	91411.552	5983.190	5981.523			FO 20" T
PH-016j	166735.711	91412.096	5982.940	5981.523			FO 17" T
PH-017a	166683.828	91714.408	5984.558	5979.891	5979.225	Bijou/West of Pine St	WAT 56" T 8" Pipe Asph Depth 10"
PH-017b	166683.207	91415.583	5981.836	5976.503	5975.836	Bijou/West End	WAT 64" T 8" Pipe Asph Depth 8.5"
PH-017c	166743.556	91296.343	5982.021	5976.688		Bijou & Spruce	FO 11" T
PH-017e	166737.050	91295.521	5982.137	5976.804		Bijou & Spruce	ELEC 21" T
PH-018	166768.416	91744.975	5984.995	5980.245		Bijou/SB Off-Ramp	FO 57" T
PH-019	166423.599	91984.493	5987.939	5986.189		Bijou/NB Off-Ramp	ELEC 21" T
PH-020	166586.402	92014.815	5994.197	5987.947		Bijou/NB Off-Ramp	FO 75" T
PH-022	166830.729	92019.148	5996.636	5993.636		Bijou/NB On-Ramp	FO 36" T 4" Conduit
PH-026c	167480.523	92180.154	5990.564	5986.981	5986.856	Mainline/Sta 5060/East	FO 43" T 1.5" Conduit
PH-026d	167844.151	92139.744	5996.086	5992.919	5992.794	Mainline/Sta 5063/East	FO 38" T 1.5" Conduit
PH-026f	167510.688	92008.964	5984.421	5980.921			FO QWEST 42" T
PH-027	167524.427	91784.965	5988.465	5984.548		Mainline/Sta 5061/West	ELEC 47" T
PH-027b	167537.300	91793.241	5989.634	5985.051		Mainline/Sta 5061/West	FO 55" T
PH-028	167563.147	92069.312	5988.638	5987.471	5987.305	Mainline/Sta 5061/East	ELEC 14" T 2" Conduit
PH-028a	167510.401	92009.040	5984.565	5980.982		Mainline/Sta 5061/East	FO 43" T
PH-029	167699.974	91803.287	5992.951	5989.201		Mainline/Sta 5062/West	FO 45" T
PH-030	167913.420	92074.915	5992.360	5990.860	5990.693	Mainline/Sta 5061/East	ELEC 18" T 2" Conduit
PH-033b	167349.519	92120.260	5987.682	5980.349	5979.015	Mainline/Sta 5059/East	WAT 88" T 16" Nonpotable
PH-033d	167411.541	92165.412	5988.755	5978.838	5977.505	Mainline/Sta 5059/East	WAT 119" T 16" Nonpotable
PH-033e	167421.938	92202.144	5989.193	5978.943	5975.610	Mainline/Sta 5059/East	WAT 147" T 16" Nonpotable
PH-033f	168019.352	92118.732	5998.042	5991.959	5990.625	Mainline/Sta 5063/East	WAT 73" T 16" Nonpotable
PH-034	168256.225	92071.755	5999.387	5997.554	5997.387	Mainline/Sta 5069/East	ELEC 22" T 2" Conduit
PH-035	168432.486	91857.144	5994.120	5990.287		Mainline/Sta 5069/West	FO 46" T
PH-035a	168432.985	91855.509	5993.822	5989.822		Mainline/Sta 5069/West	ELEC 48" T
PH-038b	170062.720	91847.425	6031.060	6024.310			Did not find utility
PH-040	170315.507	91802.284	6017.593	6012.010		Mainline/Sta 5089/East	WAT 67" T
PH-043	170722.363	91740.228	6020.561	6011.644		Mainline/Sta 5095	WAT 107" T

Segment 1 Pothole Table							
PointNo.	Northing(Y)	Easting(X)	Ground Elevation	Top of Utility Elevation	Invert of Utility Elevation	Location	Description
PH-044	171013.685	91597.806	6032.497	6030.414		Mainline/Sta 5095	ELEC 25" T
PH-046	170865.717	91708.292	6029.111	6026.194		Mainline/Sta 5093	ELEC 35" T
PH-049	166709.419	92278.322	5989.103	5985.520		UPRR @ Bijou	FO 43" T
PH-050	166699.256	92326.762	5988.815	5984.898		UPRR @ Bijou	FO 47" T
PH-051	166689.341	92748.432	6011.684	6006.851		Bijou at Cascade	WAT 58" T
PH-051a	166733.527	93083.977	6013.017	6011.184		Bijou at Cascade	FO 22" T 51b
PH-051b	166733.007	93085.185	6012.815	6010.732		Bijou at Cascade	GAS 25" T
PH-052	166693.596	93083.630	6012.593	6008.760	6007.926	Bijou/West of Cascade	WAT 46" T 56" B 10" Dia
PH-052a	166693.610	93083.608	6012.510	6010.677		Bijou/West of Cascade	QWEST 22" T Conc
PH-054	166592.971	92689.034	6009.586	6005.753		Bijou & Kiowa	WAT 46" T 10" Dia
PH-055	166640.281	92639.344				Bijou & Kiowa	Did not find FO
PH-055a	166697.090	92643.670	6012.230			Bijou & Kiowa	FO
PH-055b	166640.281	92639.344	6010.904	6009.404		Bijou & Kiowa	ELEC 18" T 2" Conduit
PH-057	166508.466	92688.001	6007.840	6002.840		Kiowa	WAT 60" T 6" Dia
PH-058	166323.834	92674.857	6002.897	5996.397		Kiowa & Semia Madre	WAT 78" T
PH-059	166802.224	93265.883	6015.801	6010.384		Cascade to Bijou	WAT 65" T 12" Dia
PH-060	166636.398	93243.679	6015.680	6013.847			ELEC 22" T
PH-061	166814.962	92321.705	5989.669	5985.919		UPRR @ Bijou	FO 45" T
PH-062	166527.173	92337.523	5988.860	5985.777		UPRR @ Bijou	FO 37" T
PH-063	166525.188	92273.202	5987.474	5983.557		UPRR @ Bijou	FO 47" T
PH-064	166787.236	92284.332	5989.199	5985.532		UPRR @ Bijou	FO 44" T
PH-065	164910.246	90744.891	5966.073	5961.073	5960.406	Midland Trail & Walnut	WAT 60" T 8" Potable Asph Depth 5"
PH-066	164819.190	90719.092	5966.210	5961.543	5960.877	Midland Trail & Walnut	WAT 56" T 8" Potable
PH-067	164735.247	90690.233	5966.375	5961.542	5960.875	Midland Trail & Walnut	WAT 58" T 8" Potable
PH-068	164644.710	90667.972	5965.413	5960.163	5959.663	Midland Trail & Walnut	WAT 63" T 6" Potable
PH-068a	166634.513	93242.355	6015.367	6013.534			ELEC 22" T
PH-069	164669.345	90659.840	5965.603	5960.436	5959.936	Midland Trail & Walnut	GAS 62" T 6" Dia
PH-070	164578.433	90657.897	5966.291	5962.041	5961.541	Midland Trail & Walnut	WAT 51" T 6" Potable
PH-102	165190.022	91064.190	5974.148	5970.065	5969.898	Colorado/West of Spruce	GAS 49" T 2" Pipe
PH-103	165189.916	91072.386	5974.210	5971.210		Colorado/West of Spruce	FO 36" to 120" T
PH-104	165202.599	91083.724	5974.886	5966.553	5966.386	Colorado/West of Spruce	FO/ELEC 100" T 4-1.5" FO & 1-2" ELEC Conduits
PH-105	165202.793	91258.559	5978.504	5974.921		Colorado & Spruce	GAS 43" T
PH-106	165196.567	91259.848	5978.668	5975.085		Colorado & Spruce	FO 43" T

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
A	90% DESIGN SUBMITTAL	04/24/06	
A	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1 POTHOLE TABLE

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-GEDT-TBL01.DGN
Drawing Number	DS1-U211

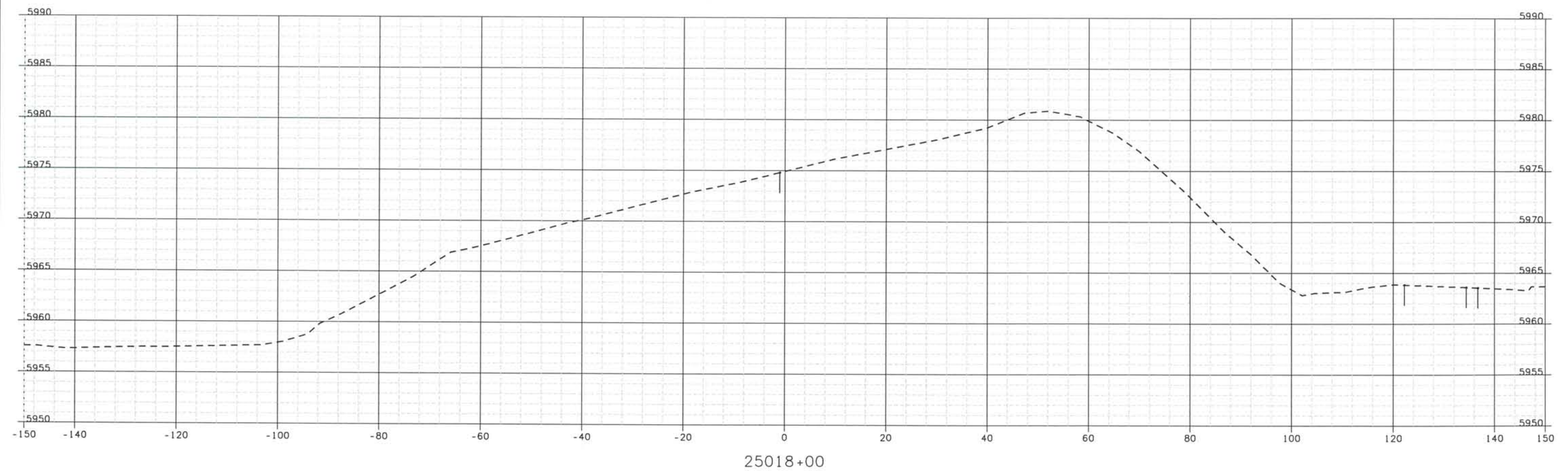
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY ALLEN DAWSON MOLES COLORADO P.E. NO. 28148

Date Plotted: 9/10/2008
 Time Plotted: 8:51:27 AM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004

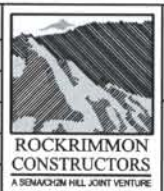
As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 SB I-25

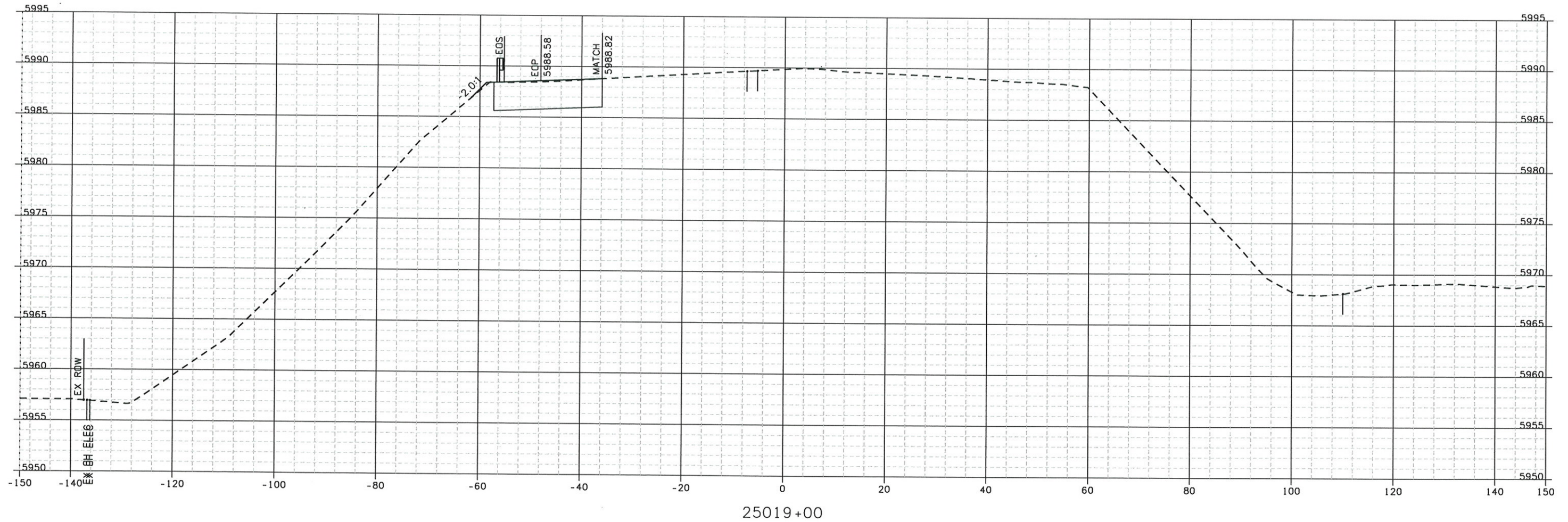
Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-I2501.DGN

Drawing Number
 DS1-X001

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
SB I-25

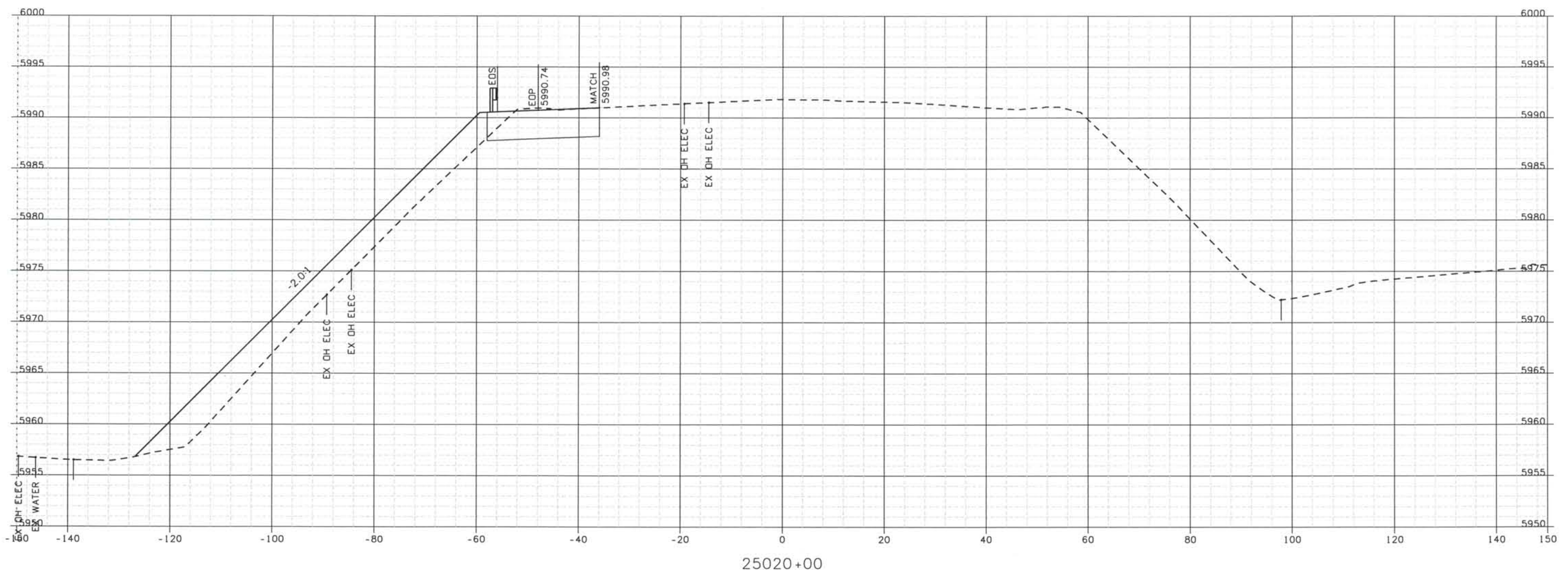
Project No./Code
IM 0252-370
S.A. 14740

File Name
DSI-RDXS-12501.DGN

Drawing Number
DSI-X002

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LANUTT



25020+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 SB I-25

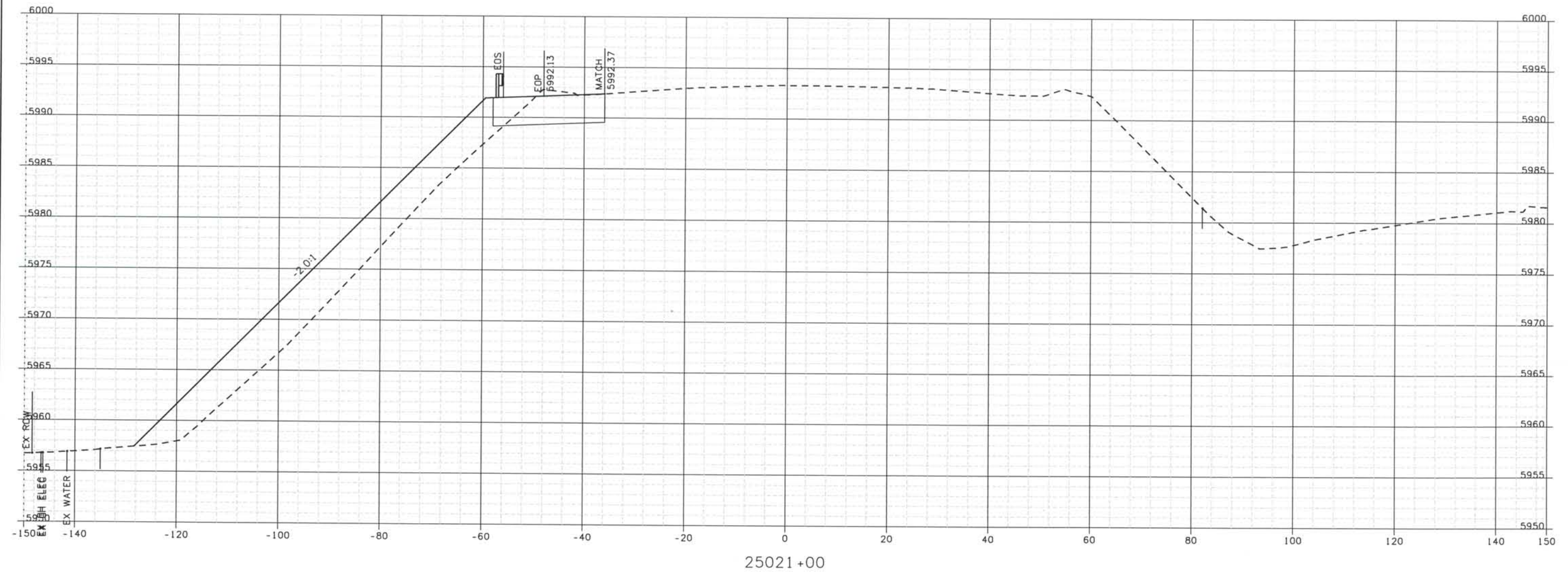
Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X003

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/10/2008
 Time Plotted: 8:51:30 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 SB I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DSI-X004

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

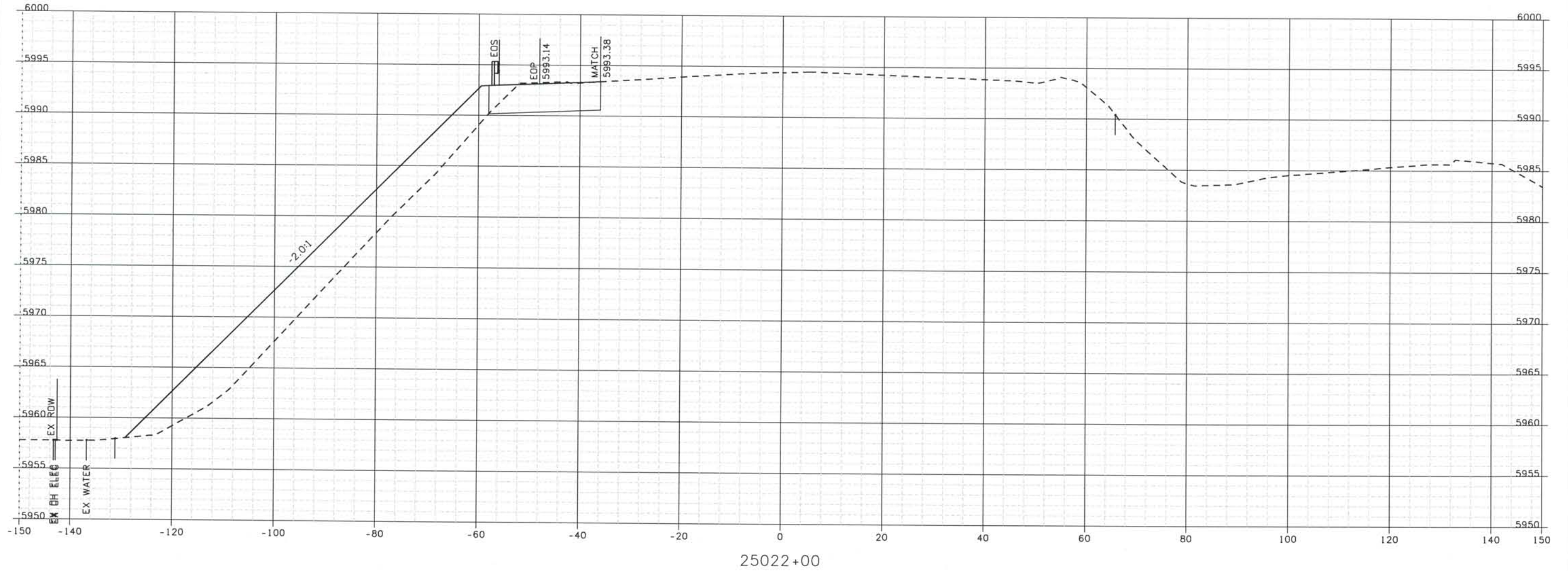


Computer File Information

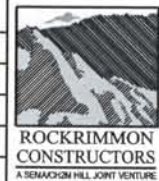
Date Plotted: 9/10/2008
 Time Plotted: 8:51:32 AM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004

As-Built 327504.DS1

Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 SB I-25

Project No./Code
 IM 0252-370
 S.A. 14740

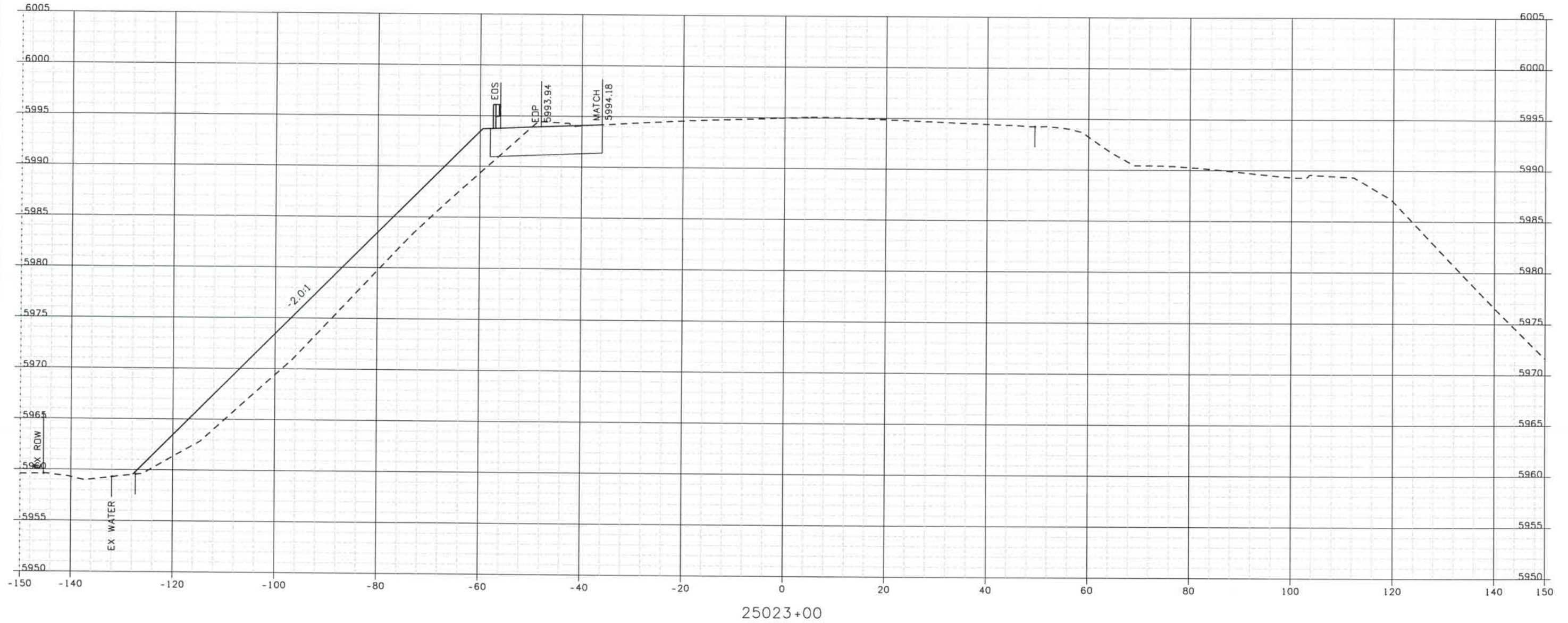
File Name DSI-RDXS-12501.DGN

Drawing Number DSI-X005

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

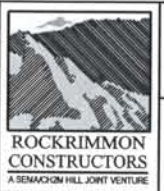
As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



25023+00

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 8:51:33 AM
 Plotted By: arthhurst
 CAD Ver.: MicroStation VB 2004

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
M. MILLAGE	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
T. EVERSOLL	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 SB I-25

Project No./Code
 IM 0252-370
 S.A. 14740

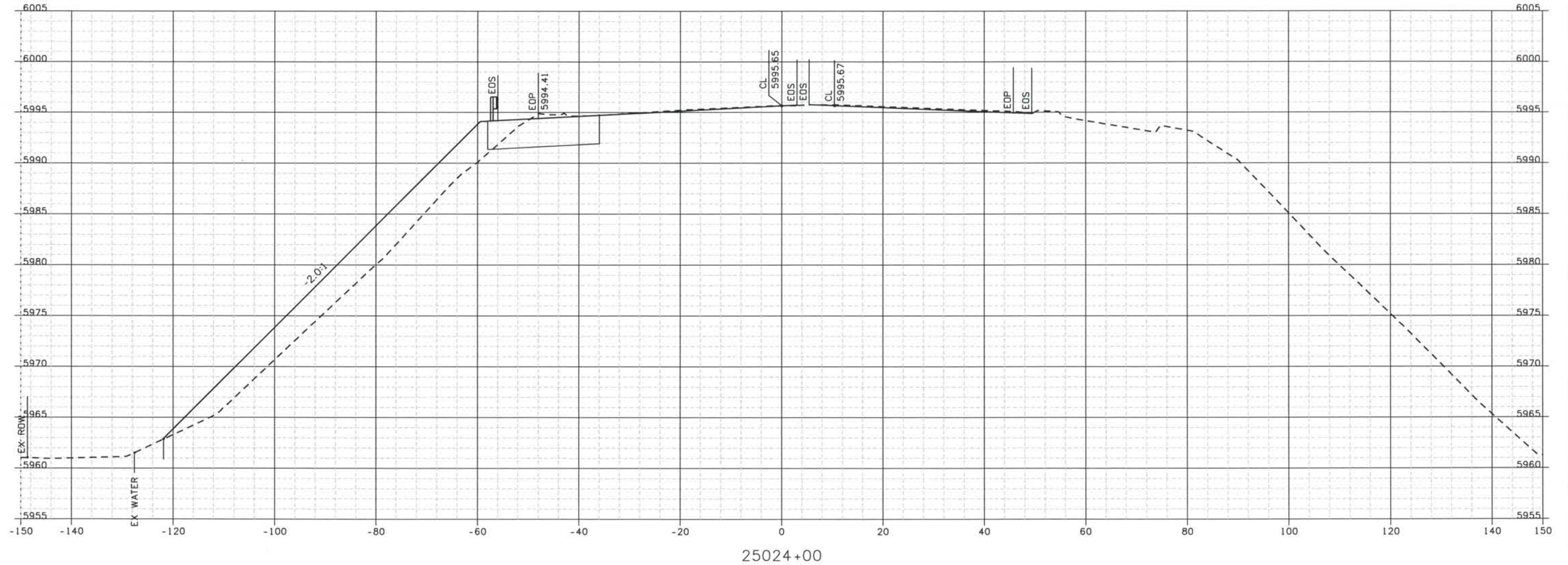
File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DS1-X006

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:05:34 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2 AS-BUILT PLANS SUBMITTAL	08/15/08

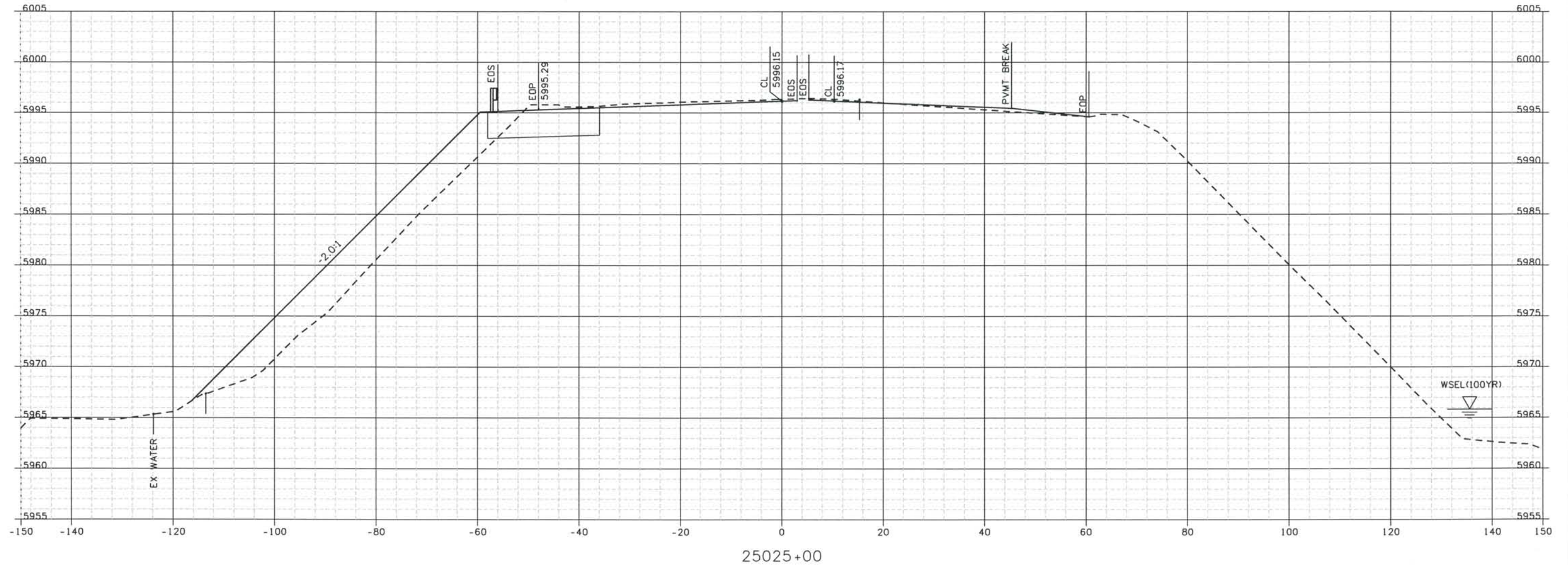


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X007

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

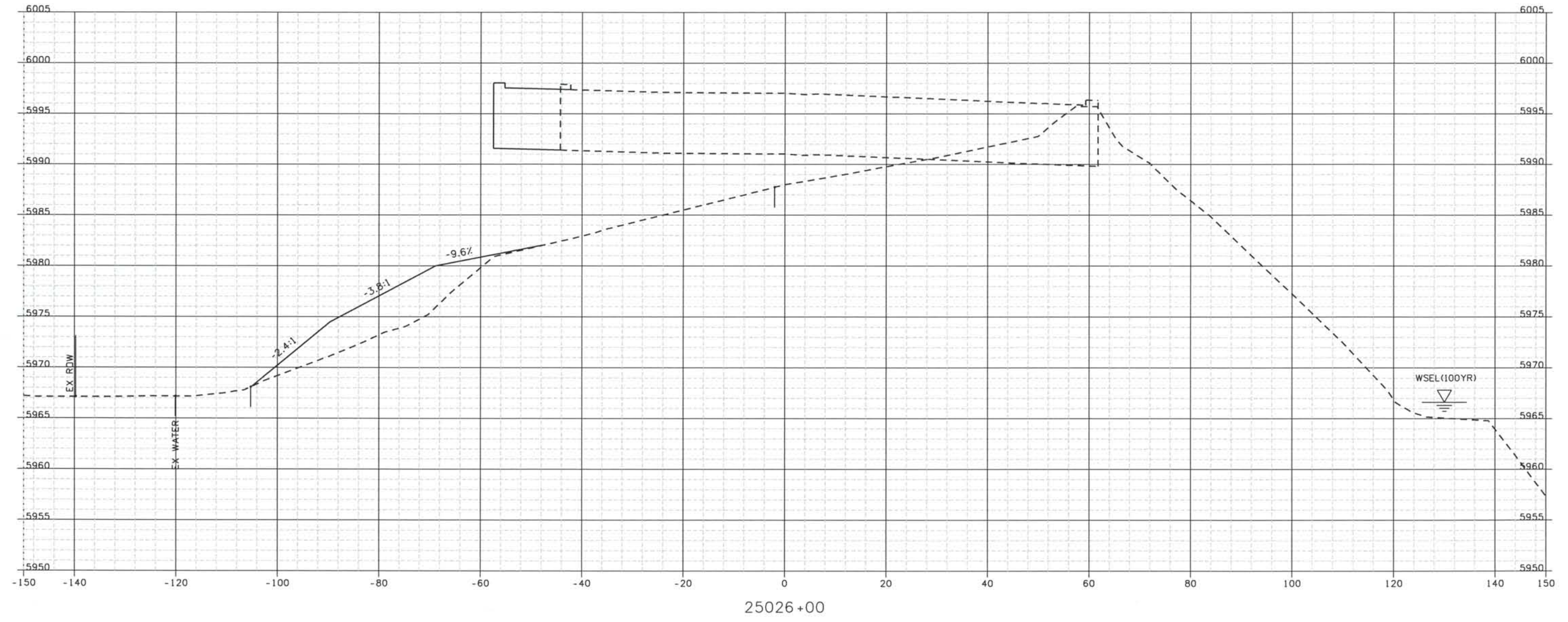


DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code	
IM 0252-370 S.A. 14740	
File Name	DSI-RDXS-I2501.DGN
Drawing Number	DS1-X008

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



25026+00

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

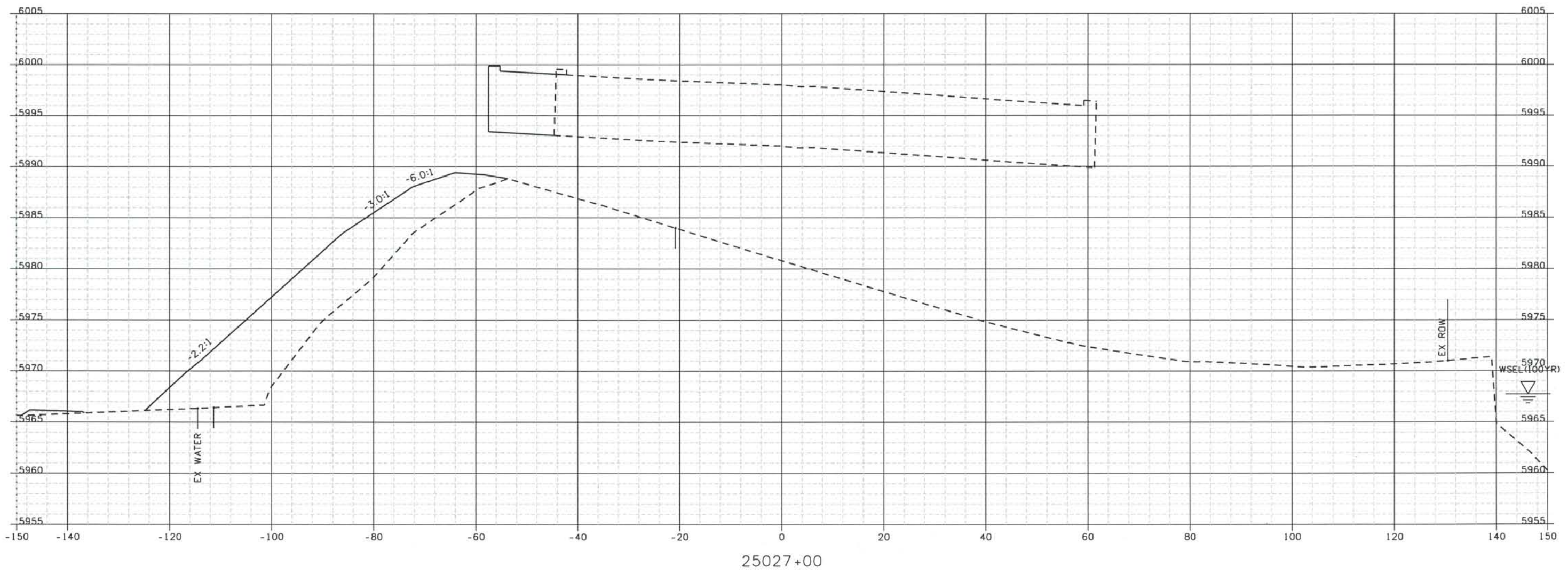
File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X009

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

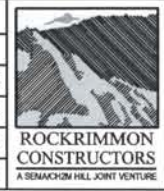
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:05:38 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004

327504.DSI
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DS1-X010

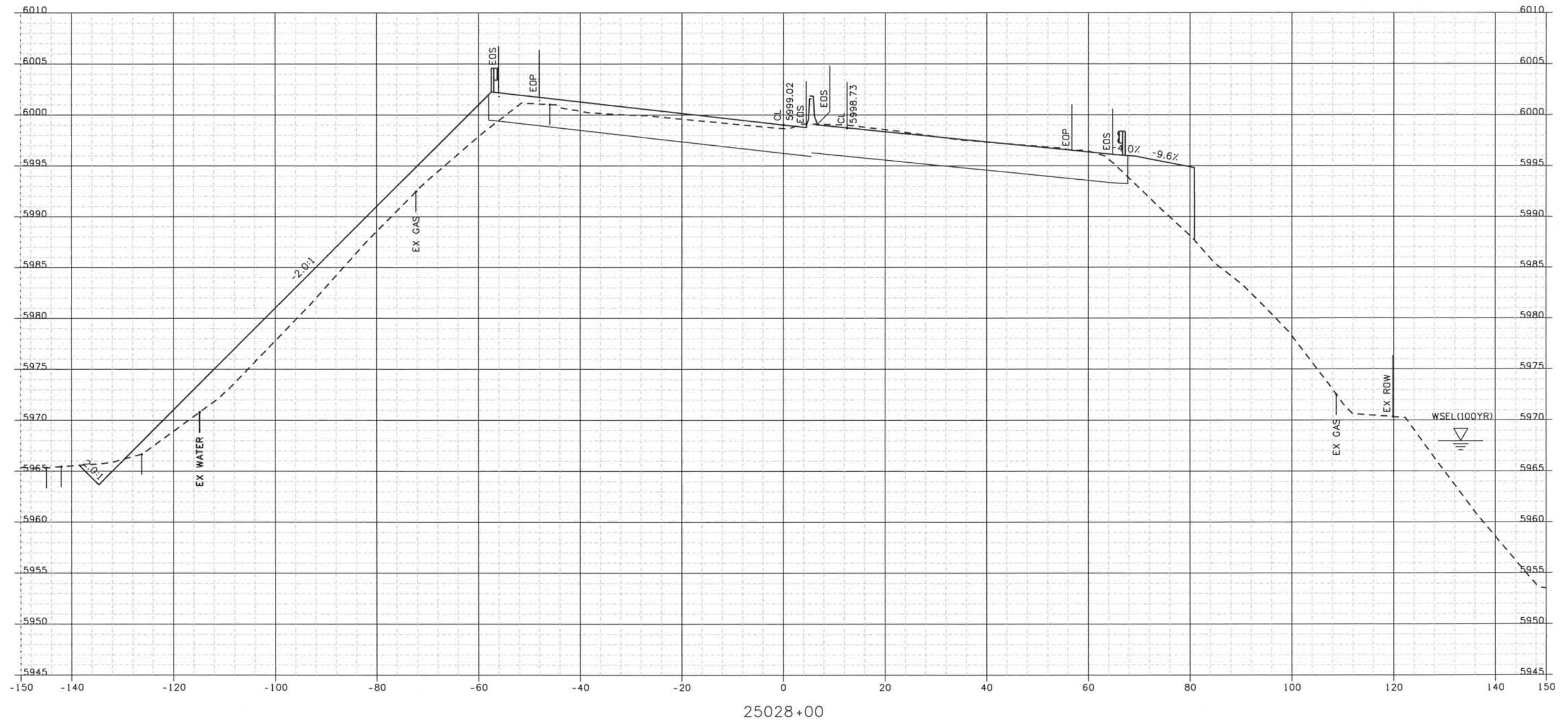
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:05:39 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004

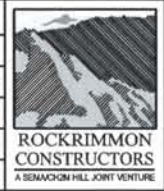
As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-I2501.DGN

Drawing Number
 DSI-X011

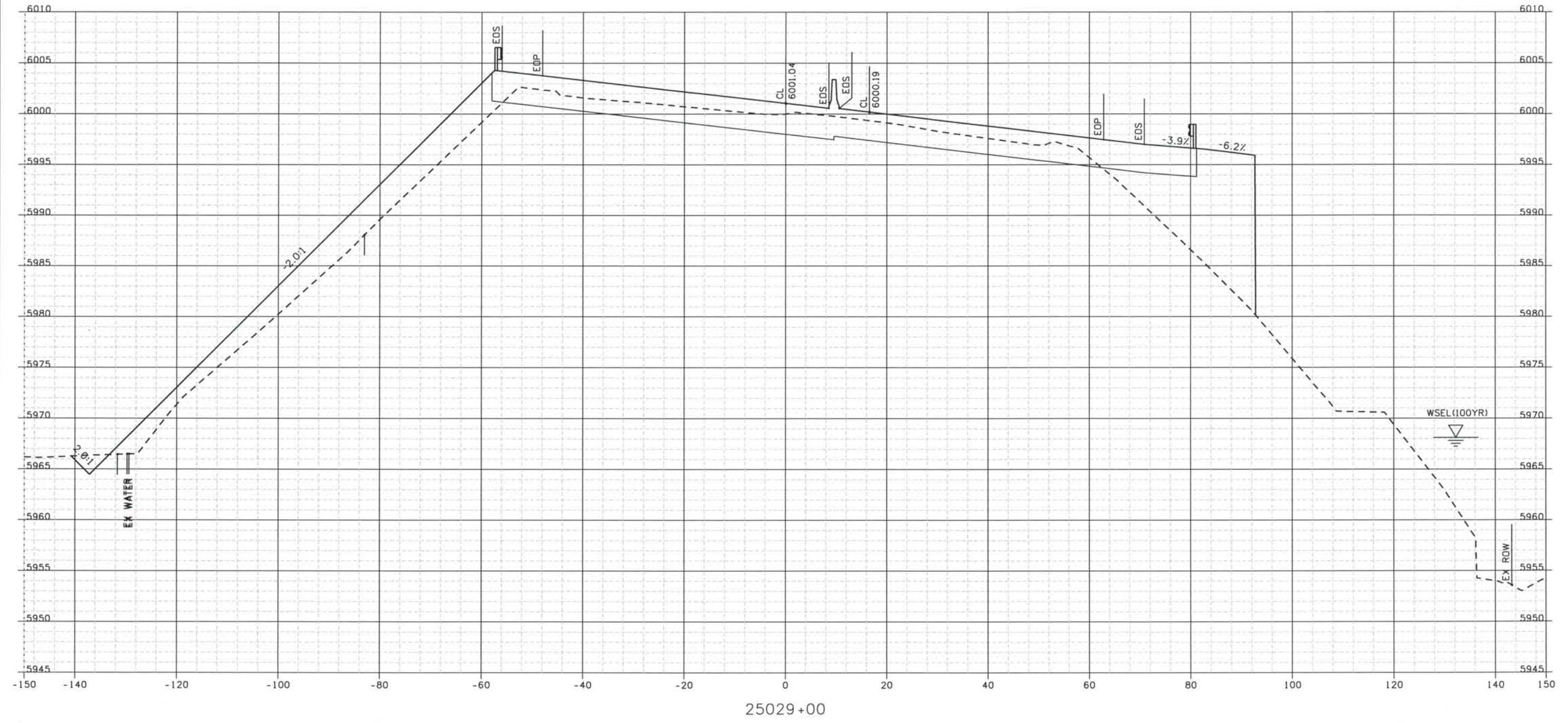
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:05:41 PM
 Plotted By: arlyhurst

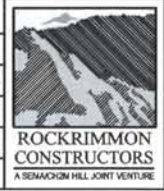
As-Built
 327504.DS1

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD			
DESIGNED BY:	NO.	DESCRIPTION	DATE
R. HARR			
DETAILED BY:	B	60% DESIGN SUBMITTAL	02/22/06
M. MILLAGE	C	90% DESIGN SUBMITTAL	04/24/06
CHECKED BY:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
T. EVERSOLL	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-I2501.DGN

Drawing Number
 DSI-X012

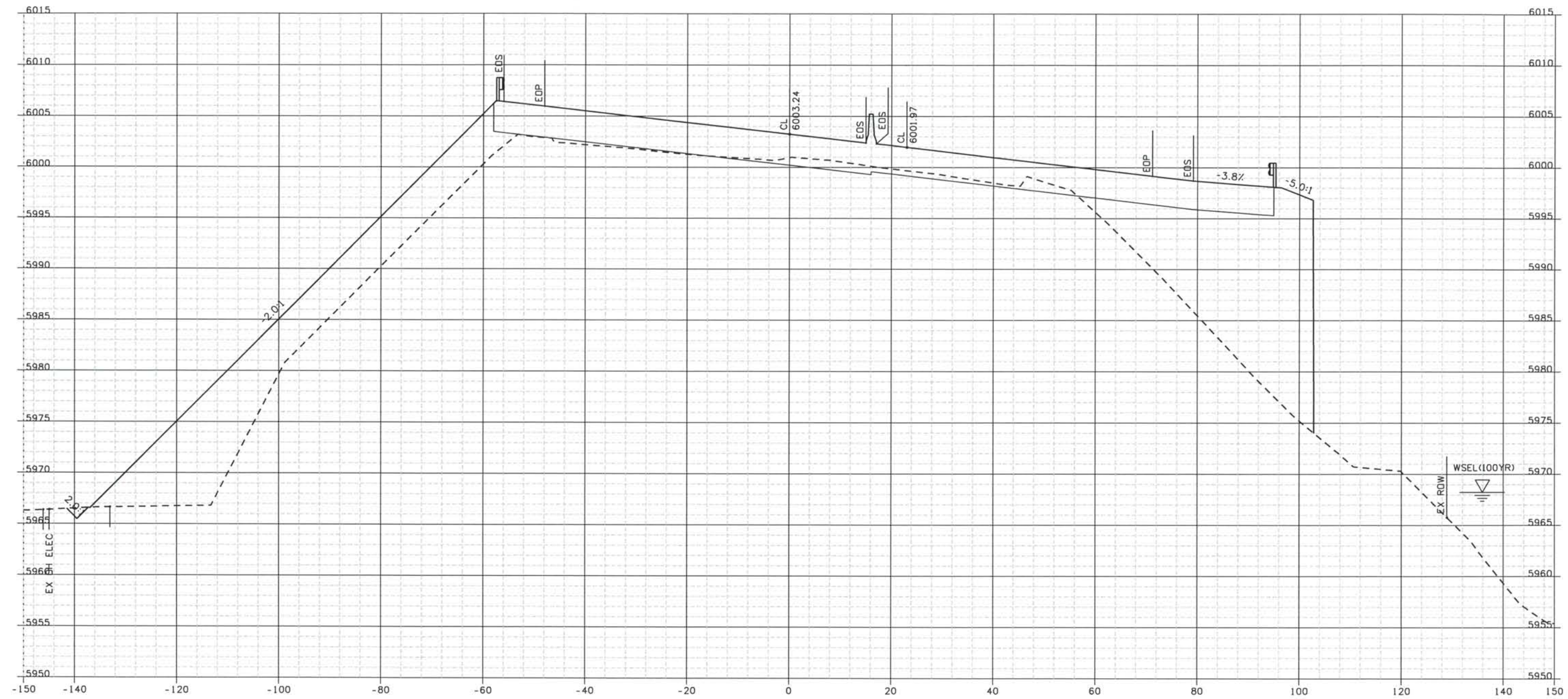
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:05:42 PM
 Plotted By: oryhurst

As-Built
 327504.DS1

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAUUTT

Scale: 20 at 11x17 Units: US Survey Foot



25030+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

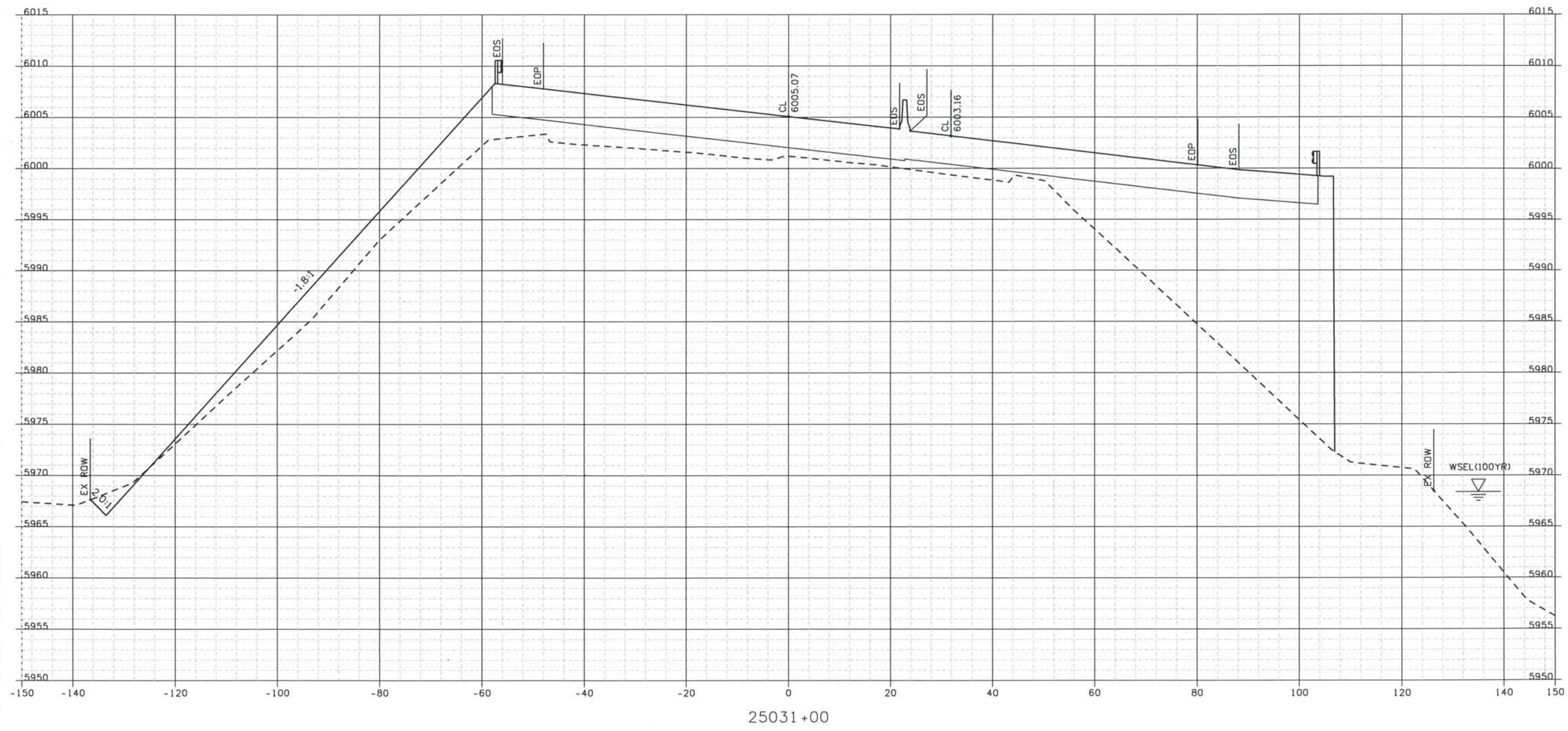


DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

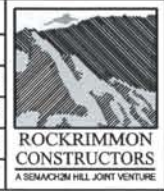
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X013

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



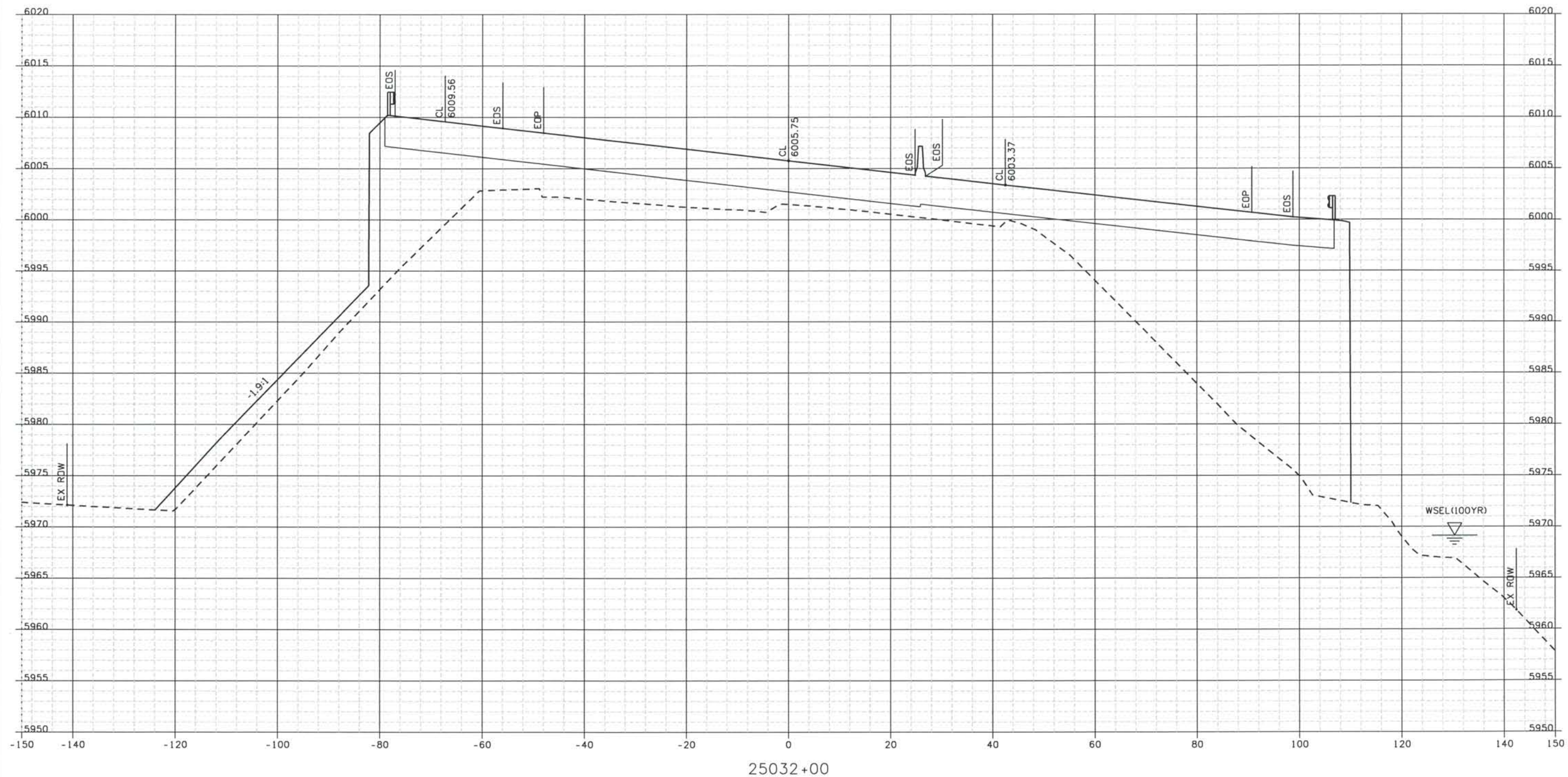
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X014

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



25032+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



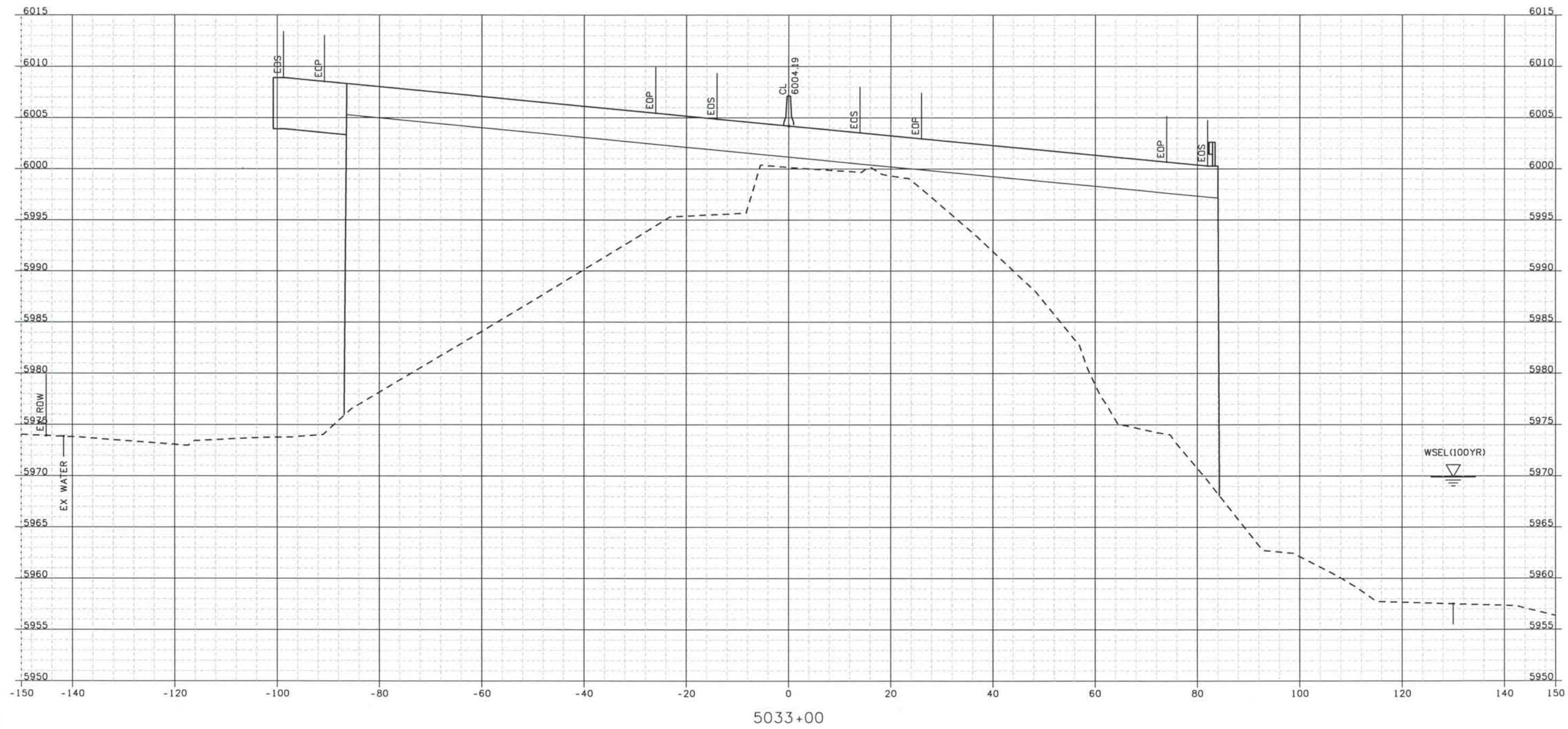
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code	
IM 0252-370 S.A. 14740	
File Name	DSI-RDXS-I2501.DGN
Drawing Number	DSI-X015

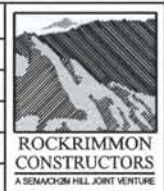
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:05:47 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



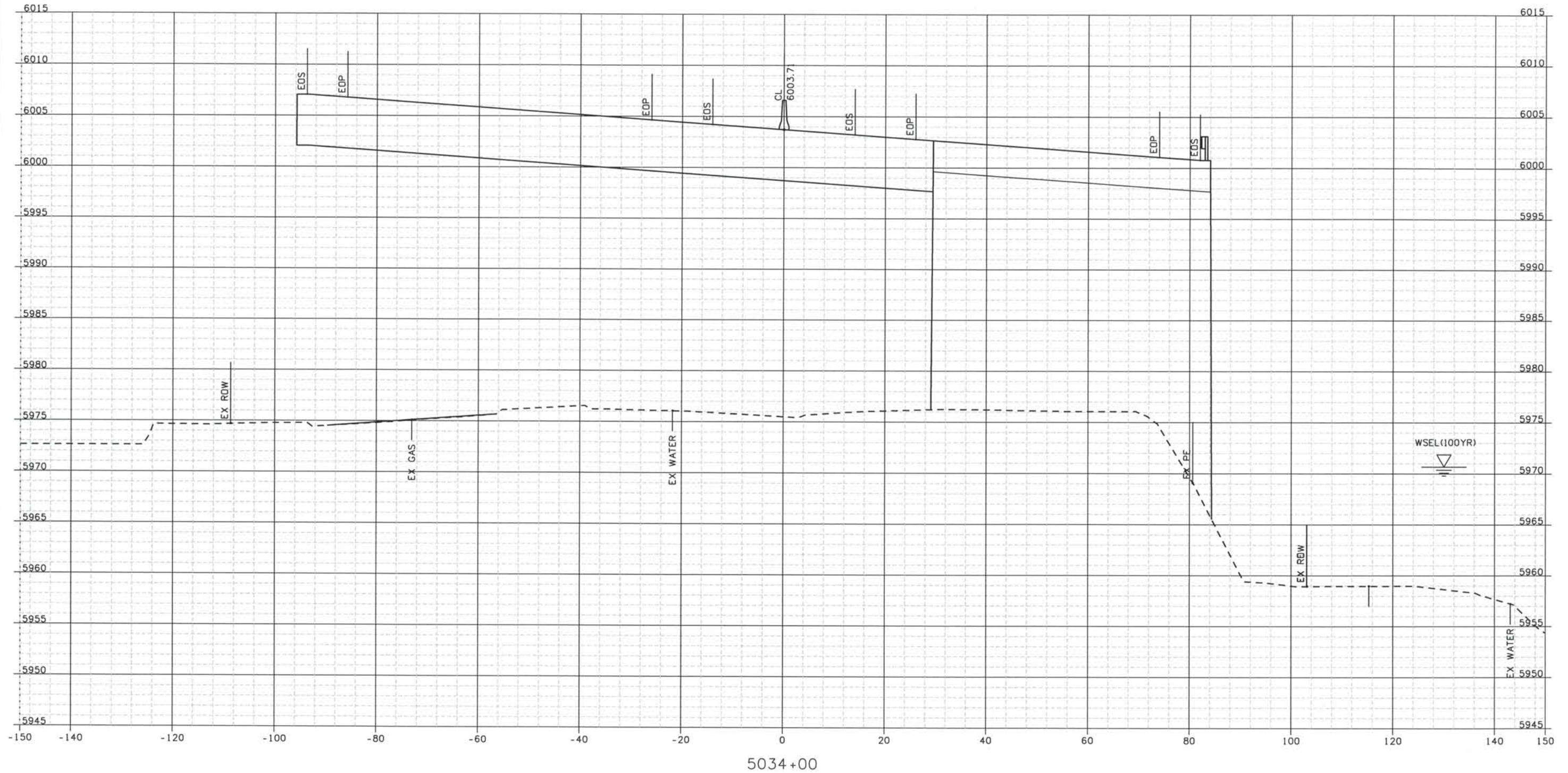
DESIGN SEGMENT 1

ROADWAY CROSS SECTIONS

I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X016

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



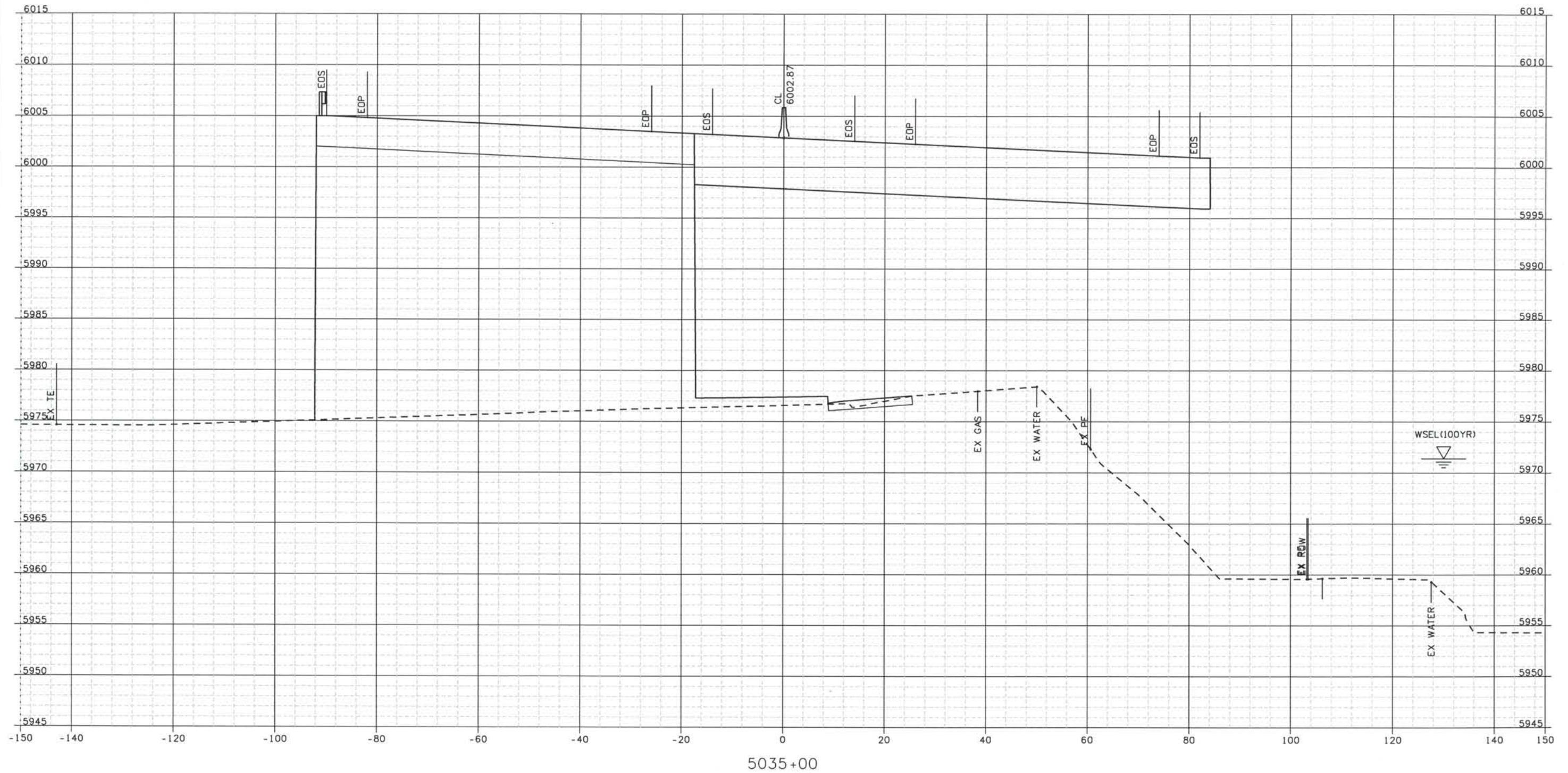
ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06	
	C 90% DESIGN SUBMITTAL	04/24/06	
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL		
	2 AS-BUILT PLANS SUBMITTAL	05/24/06	
		08/15/08	



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-12501.DGN
Drawing Number	DS1-X017

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
T. EVERSOLL	2	AS-BUILT PLANS SUBMITTAL	08/15/08



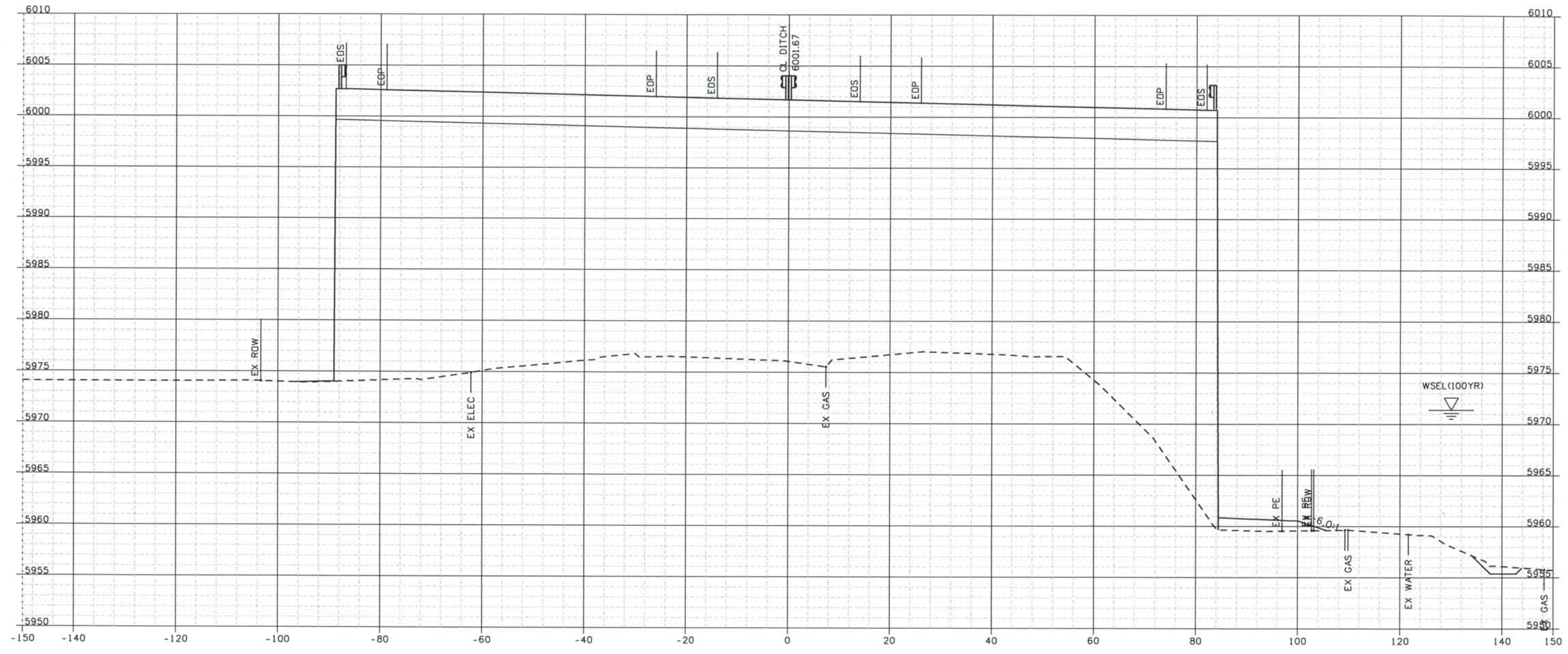
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X018

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:05:52 PM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



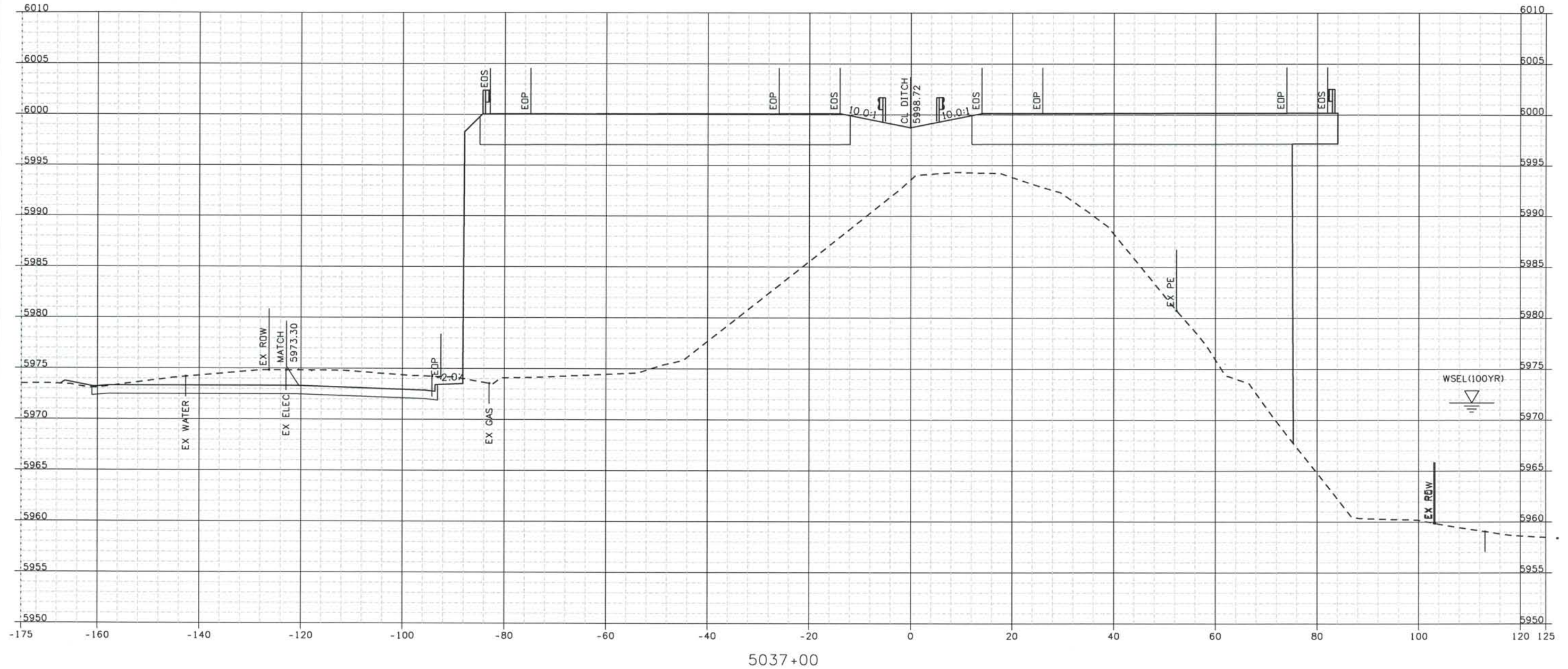
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DSI-X019

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:05:53 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



5037+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



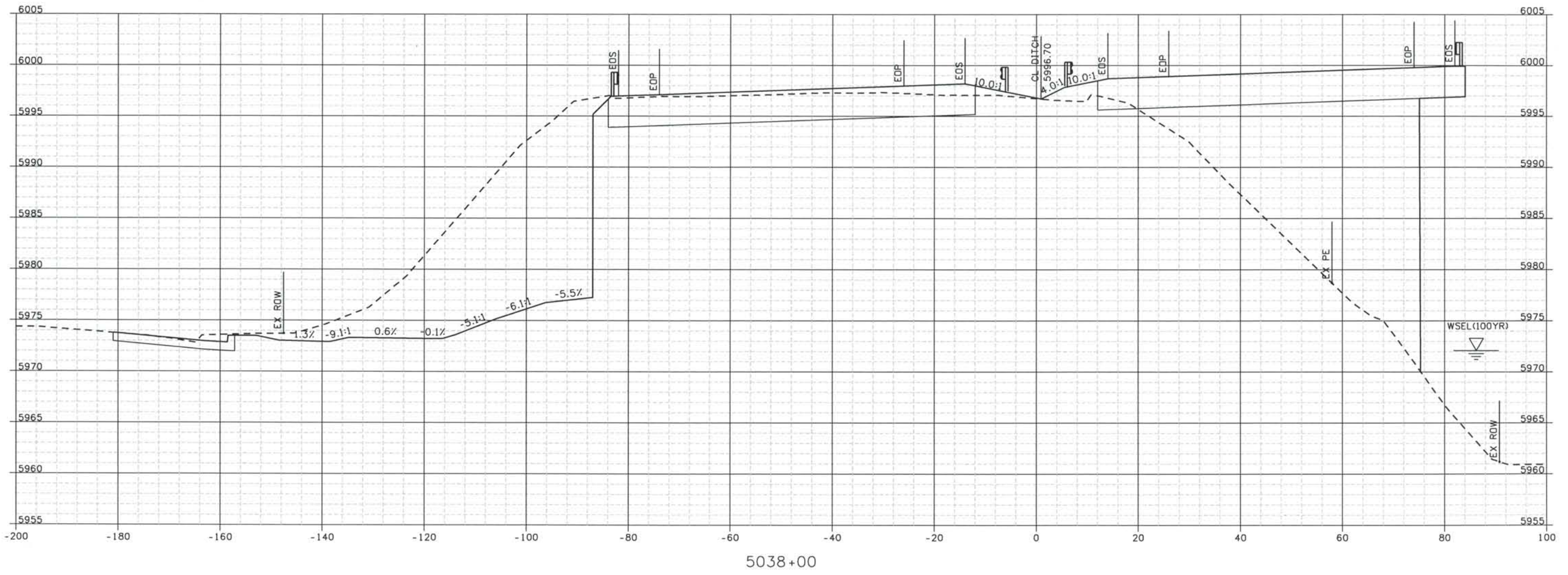
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X020

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:05:55 PM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot

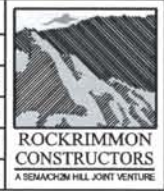


Computer File Information

327504.DS1

As-Built

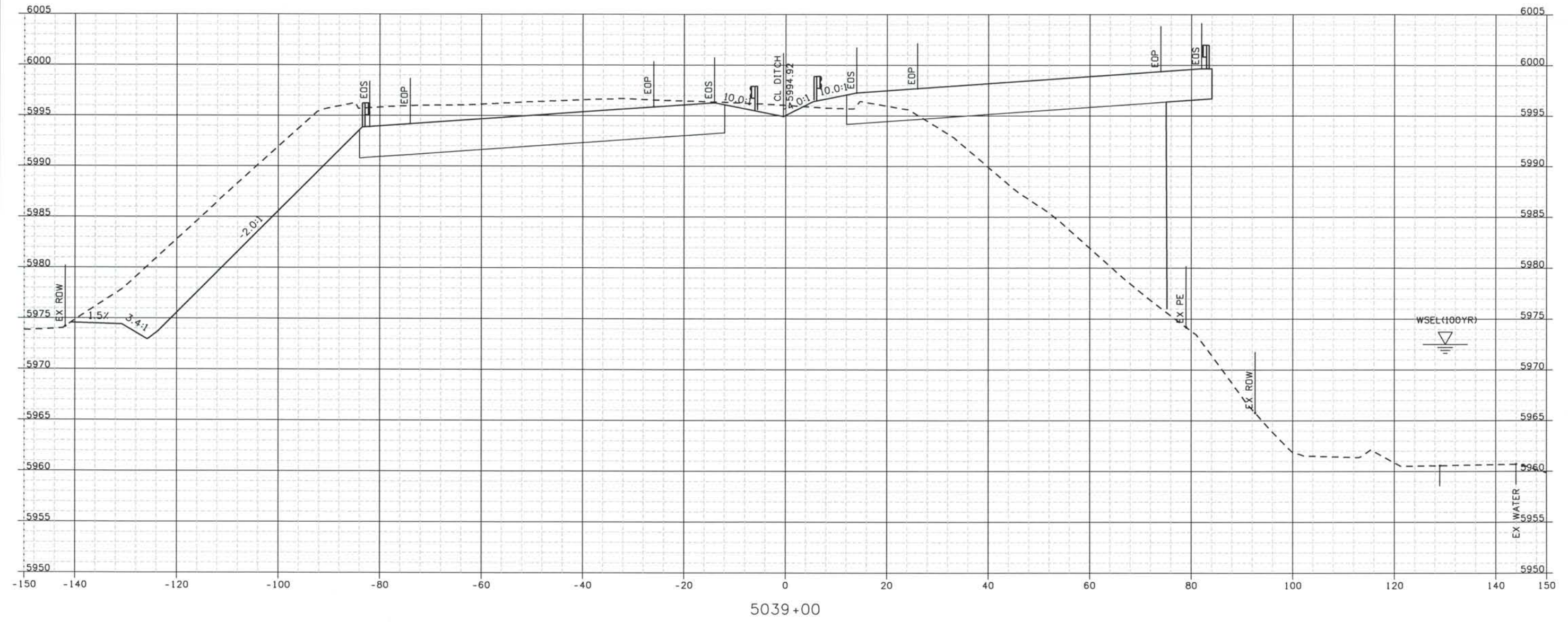
ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



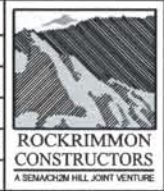
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X021

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469



ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2 AS-BUILT PLANS SUBMITTAL	08/15/08



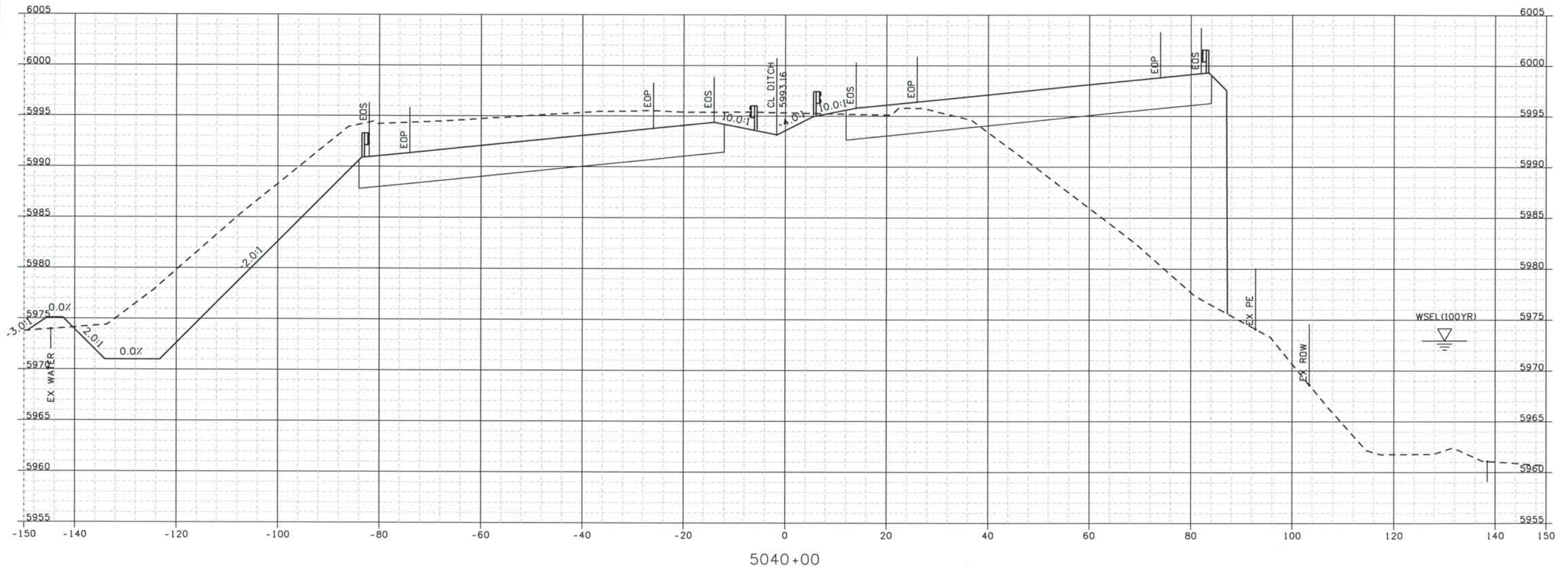
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X022

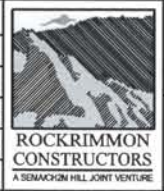
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:05:58 PM
 Plotted By: orthyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	M. MILLAGE	
Checked By:	T. EVERSOLL	
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X023

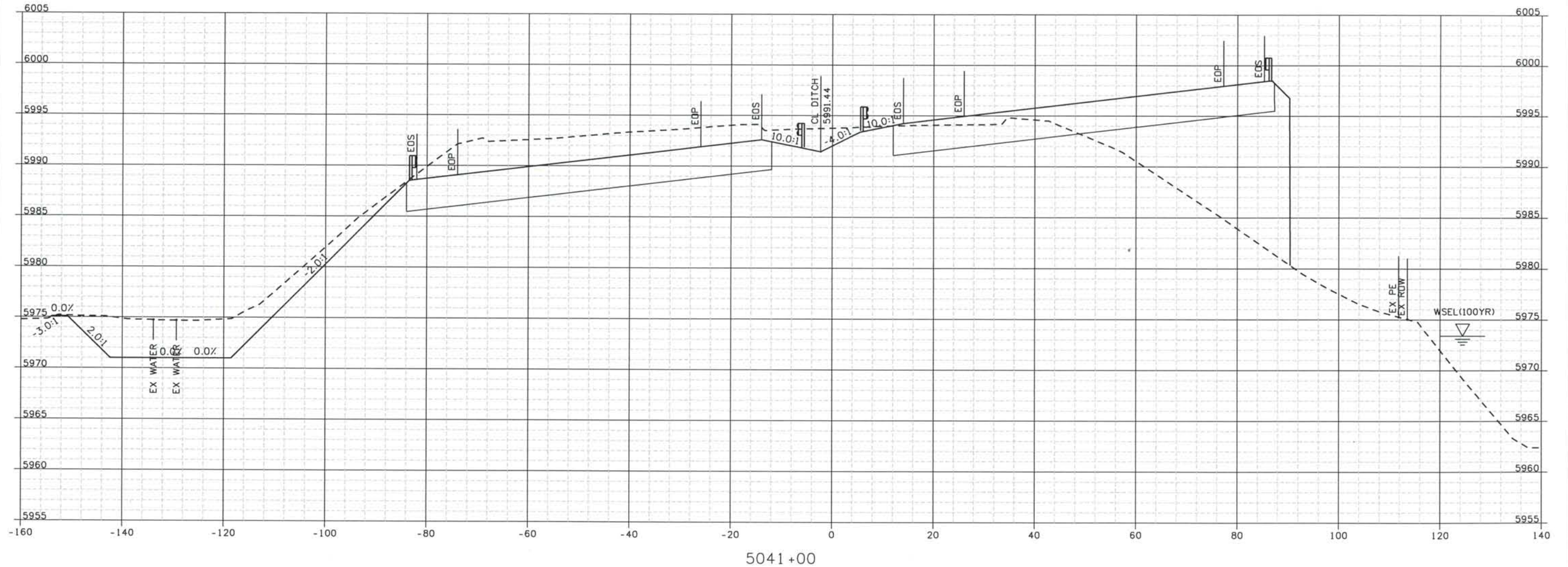
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

327504.DS1
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:05:59 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004



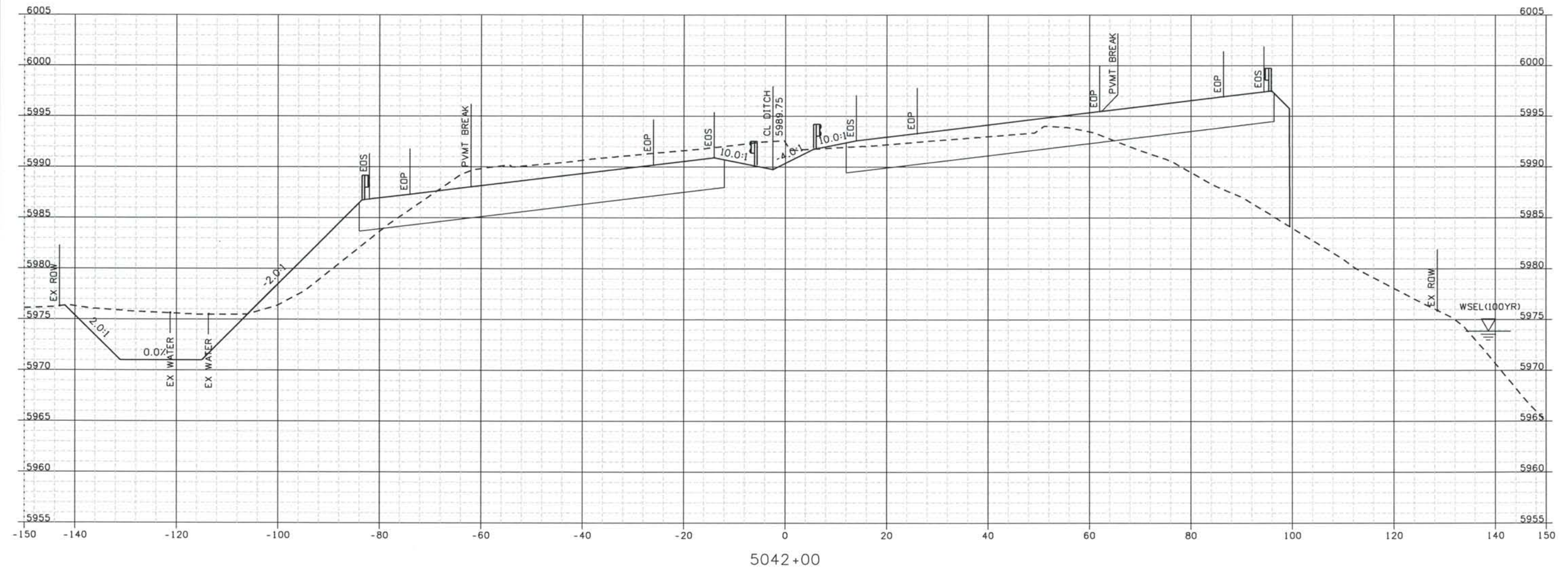
ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code	
IM 0252-370 S.A. 14740	
File Name	DS1-RDXS-12501.DGN
Drawing Number	DS1-X024

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



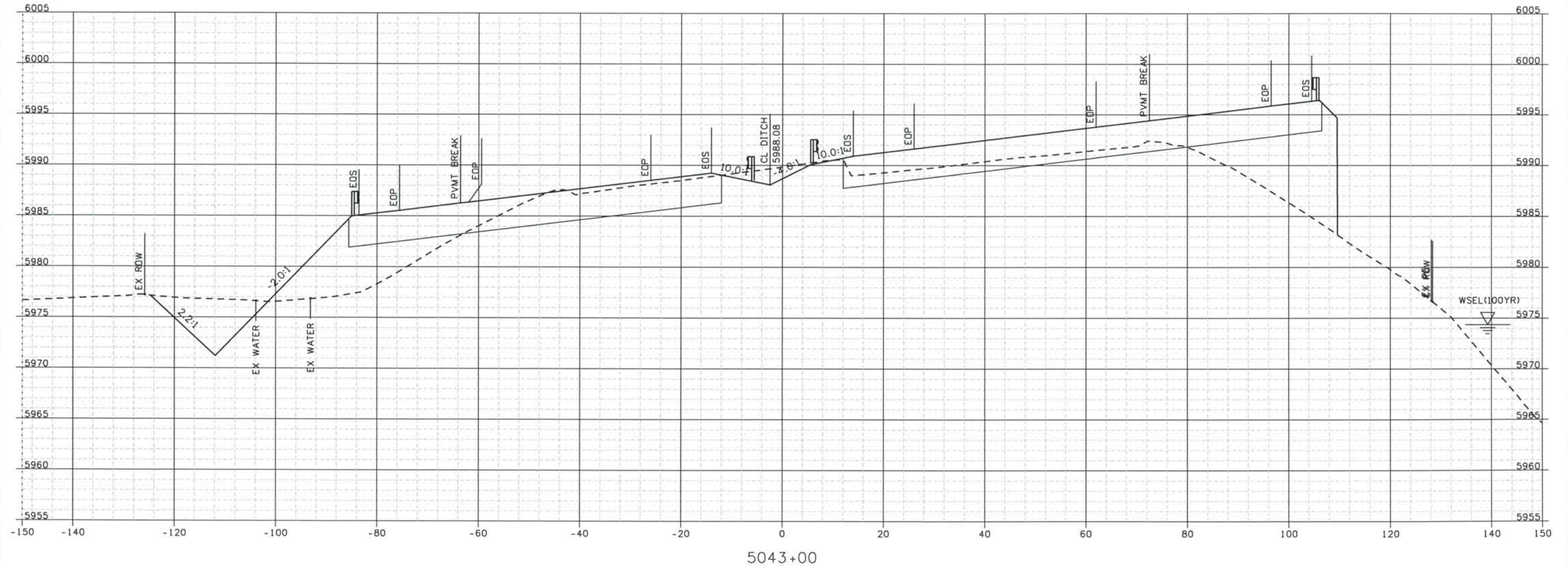
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X025

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:01 PM
 Plotted By: arthyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



5043+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-I2501.DGN

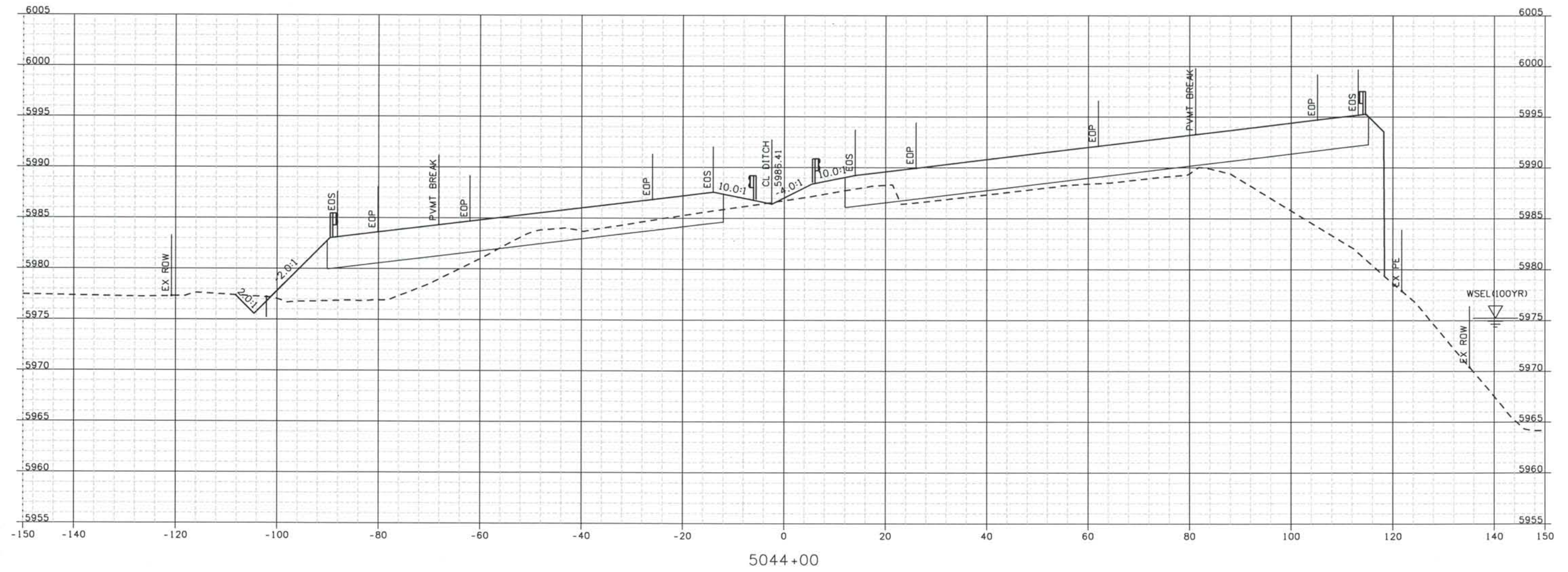
Drawing Number
 DSI-X026

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAUUTT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:03 PM
 Plotted By: arthurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



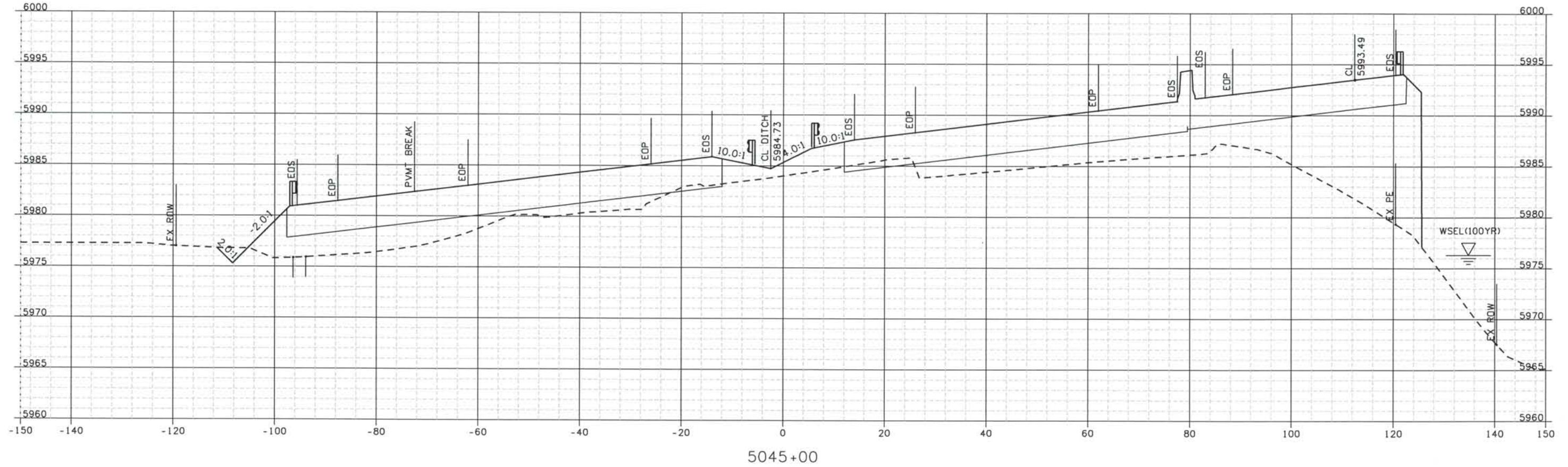
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X027

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:04 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



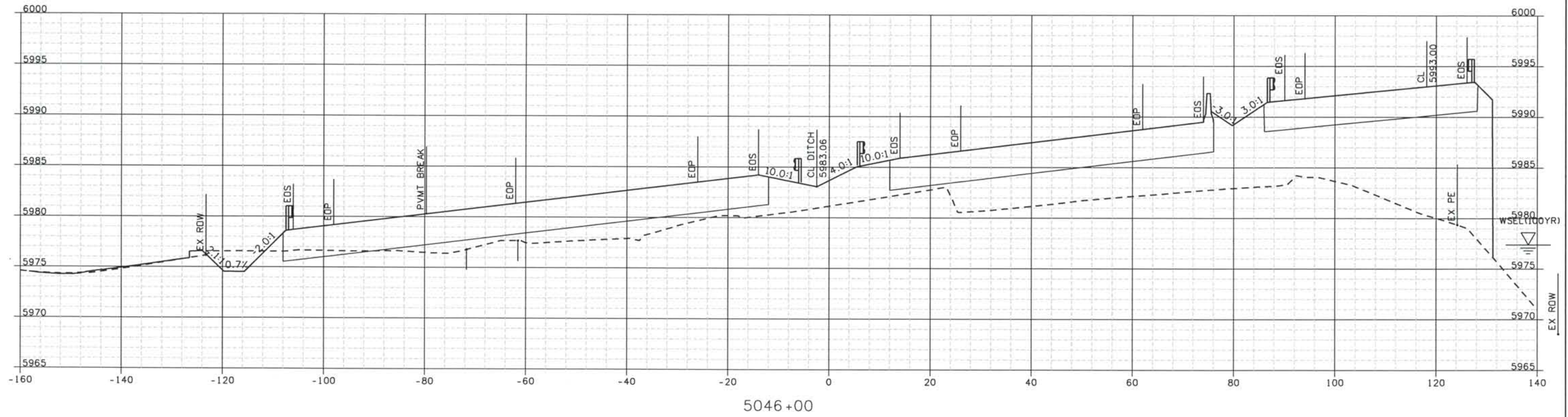
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X028

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:05 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



5046+00

Computer File Information

327504.DSI

As-Built

Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



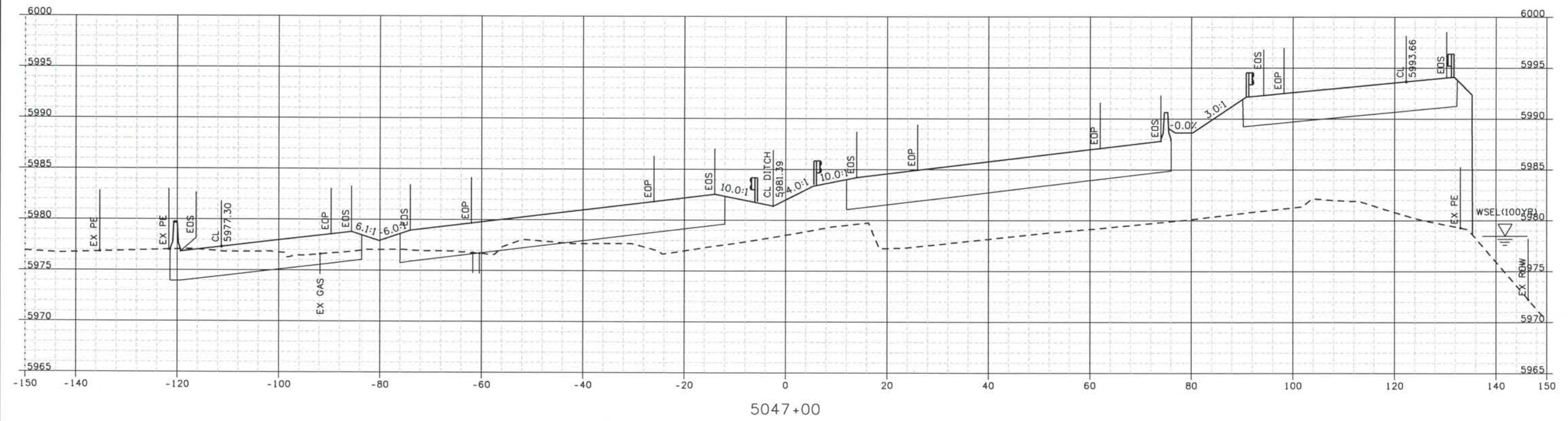
DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X029

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:06 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



5047+00

Computer File Information

327504.DSI

As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1

ROADWAY CROSS SECTIONS

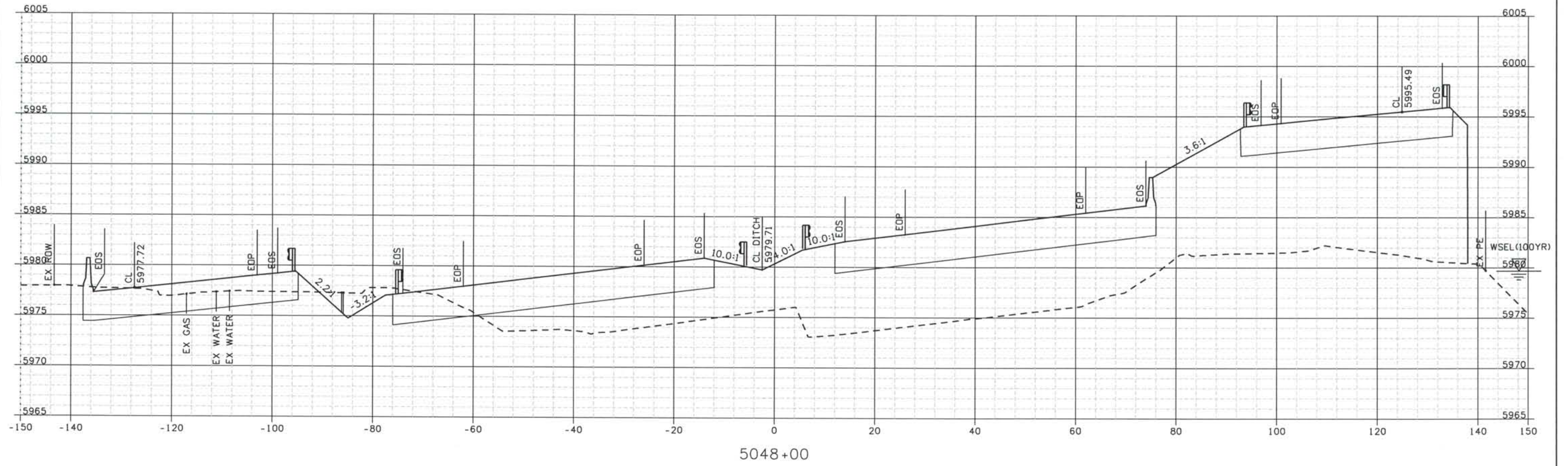
I-25

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X030

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:07 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	
	2 AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X031

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

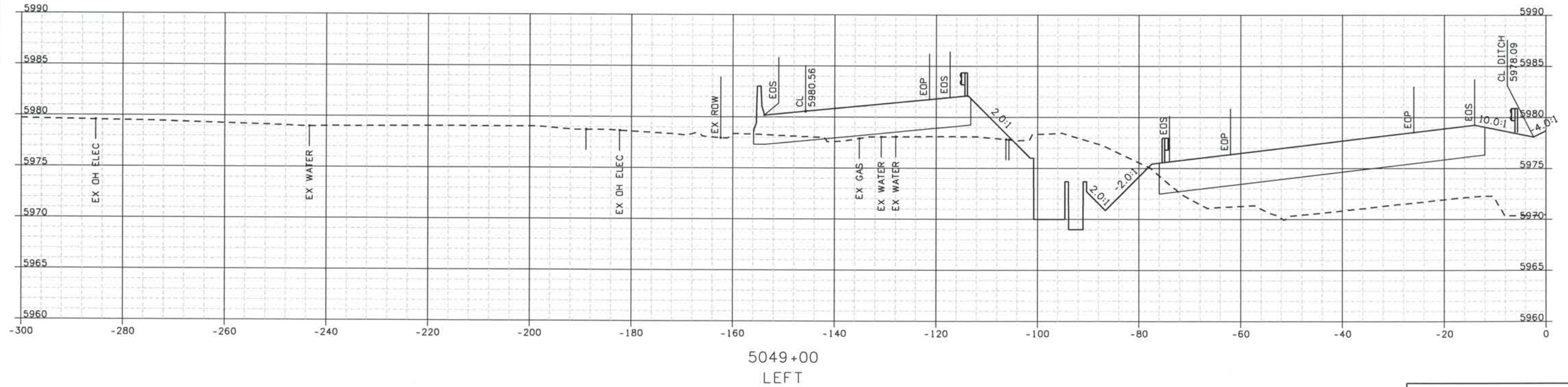
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:08 PM
 Plotted By: arthyhurst
 CAD Ver.: MicroStation V8 2004

As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
T. EVERSOLL	2 AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

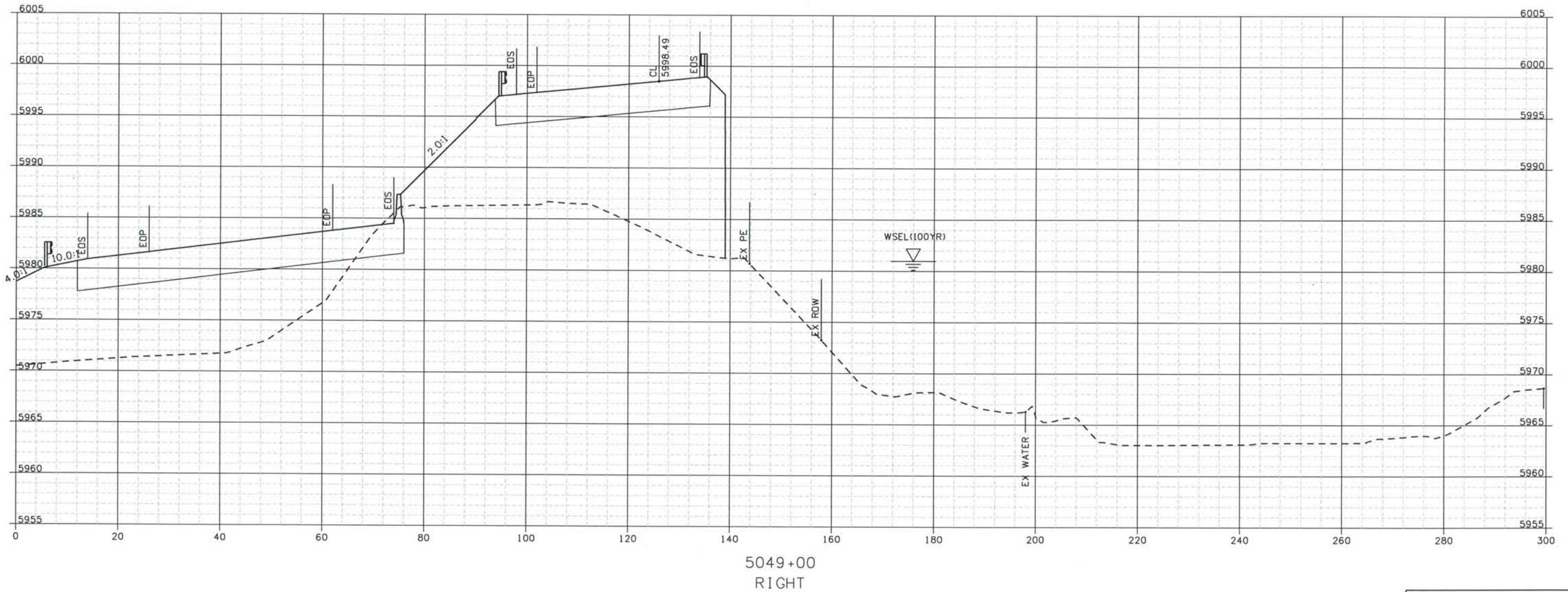
Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X032

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

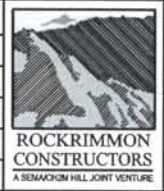
Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:09 PM
 Plotted By: arthurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



5049+00
RIGHT

ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-I2501.DGN

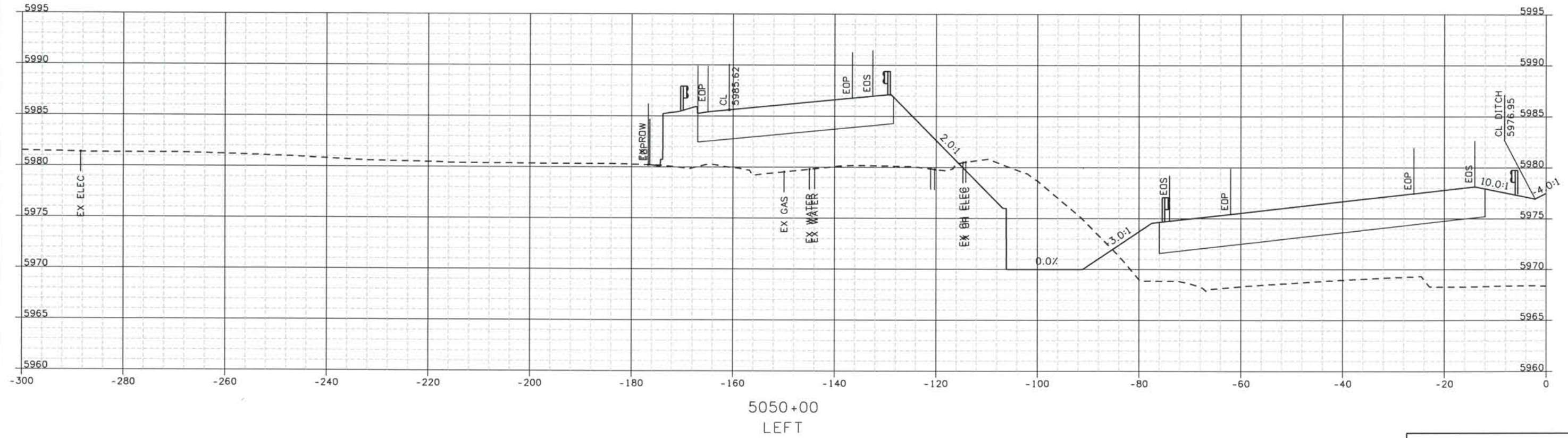
Drawing Number
DS1-X033

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
TIMOTHY D. EVERSOLL
COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Date Plotted: 9/12/2008
 Time Plotted: 1:06:11 PM
 Plotted By: arthurst
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



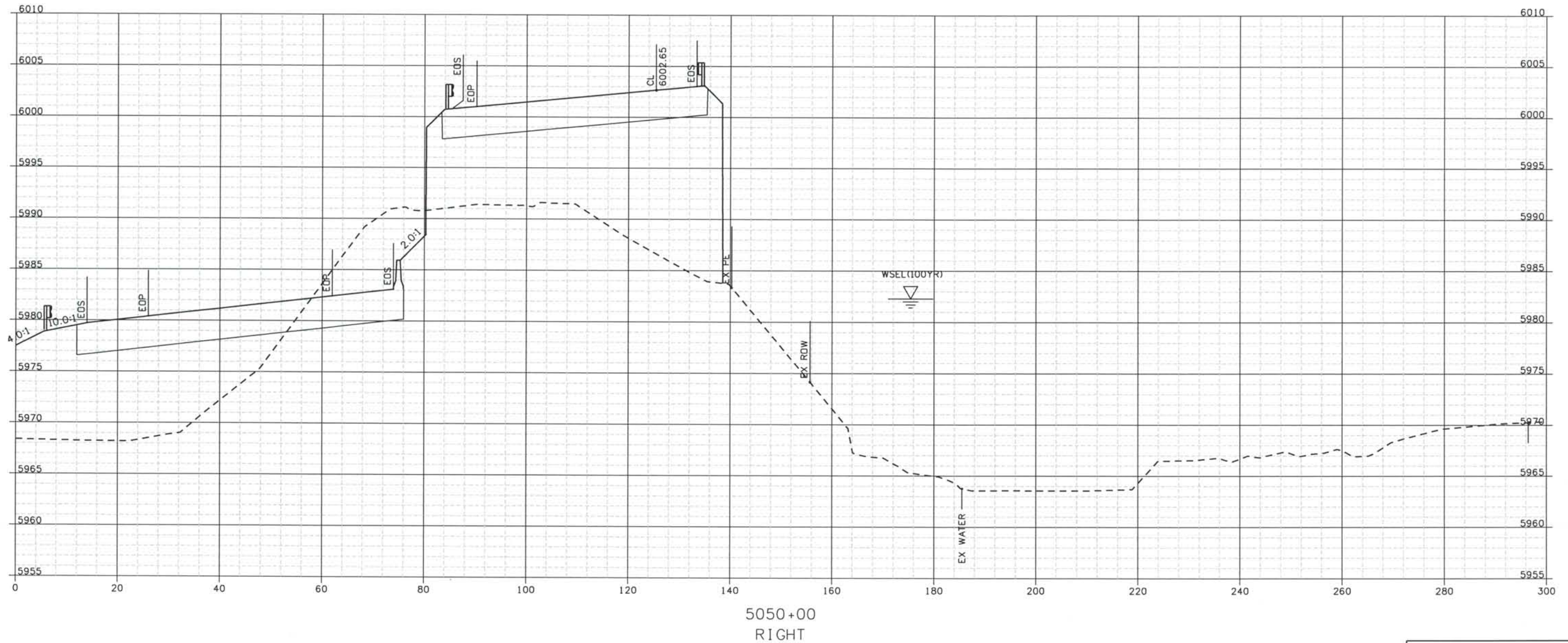
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X034

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:12 PM
 Plotted By: arthyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



5050+00
RIGHT

ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2 AS-BUILT PLANS SUBMITTAL	08/15/08



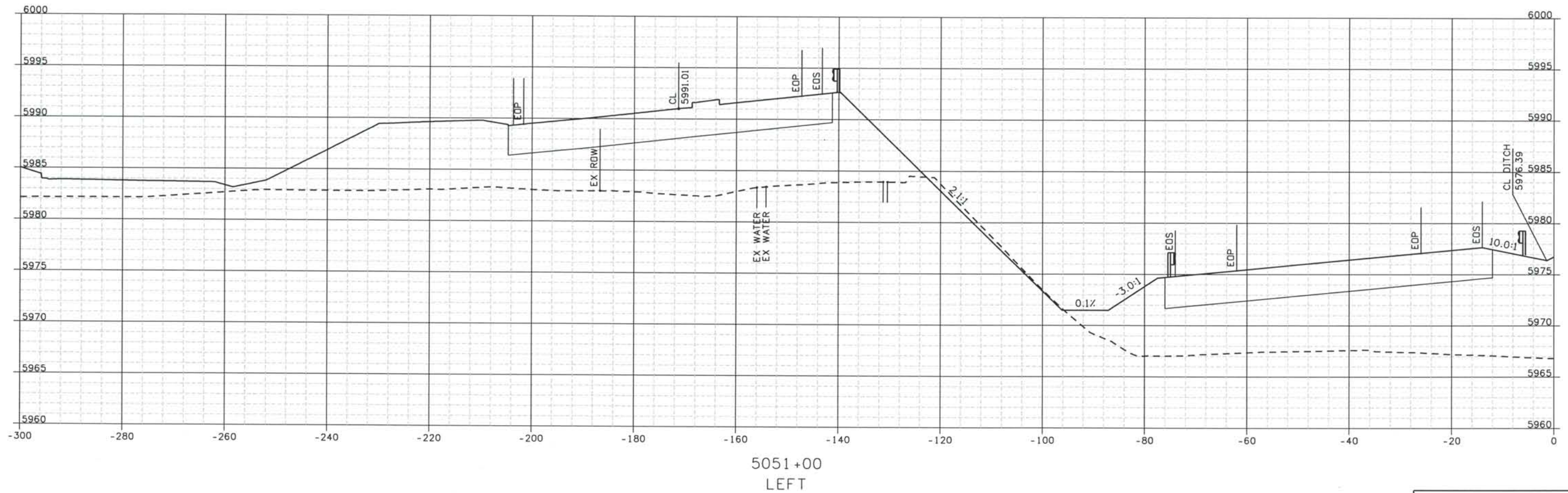
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X035

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:13 PM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



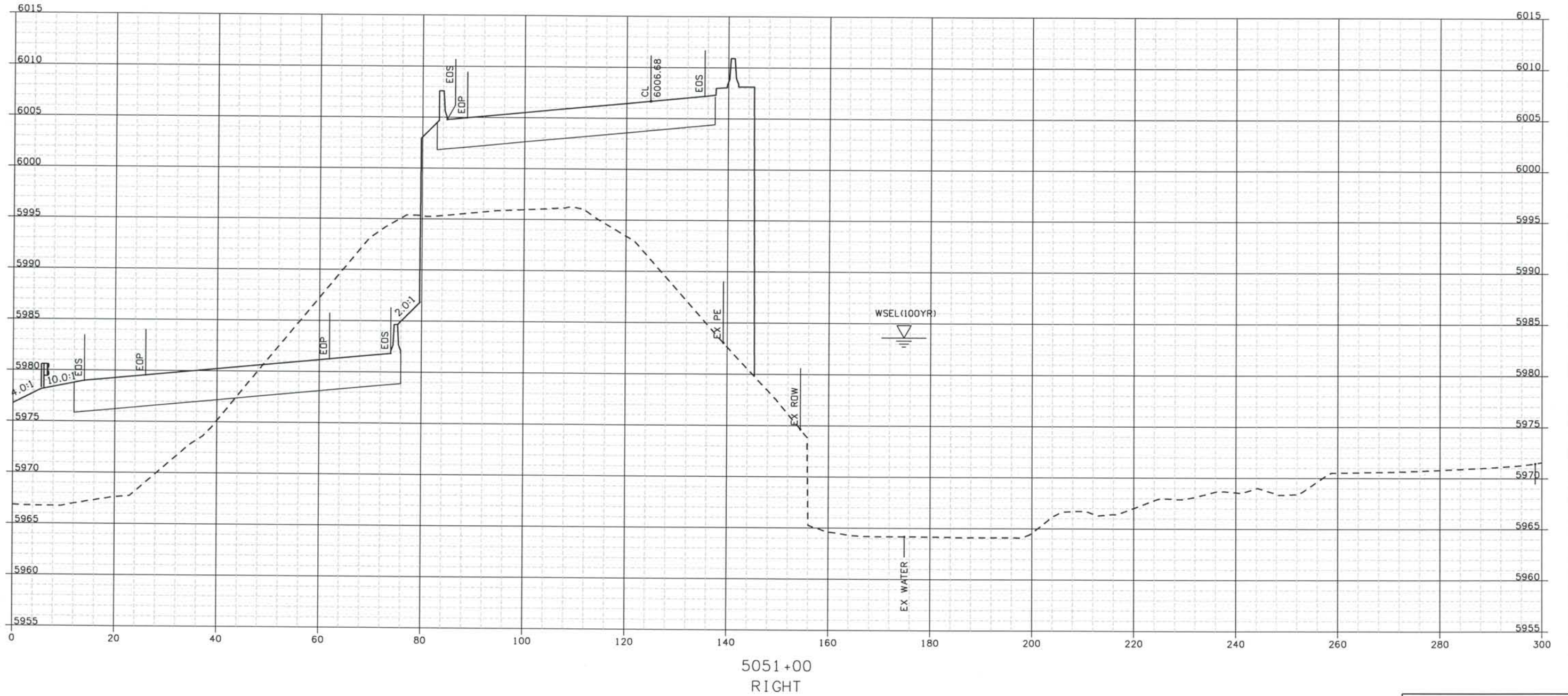
ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



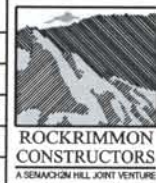
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-12501.DGN
 Drawing Number
 DS1-X036

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-12501.DGN

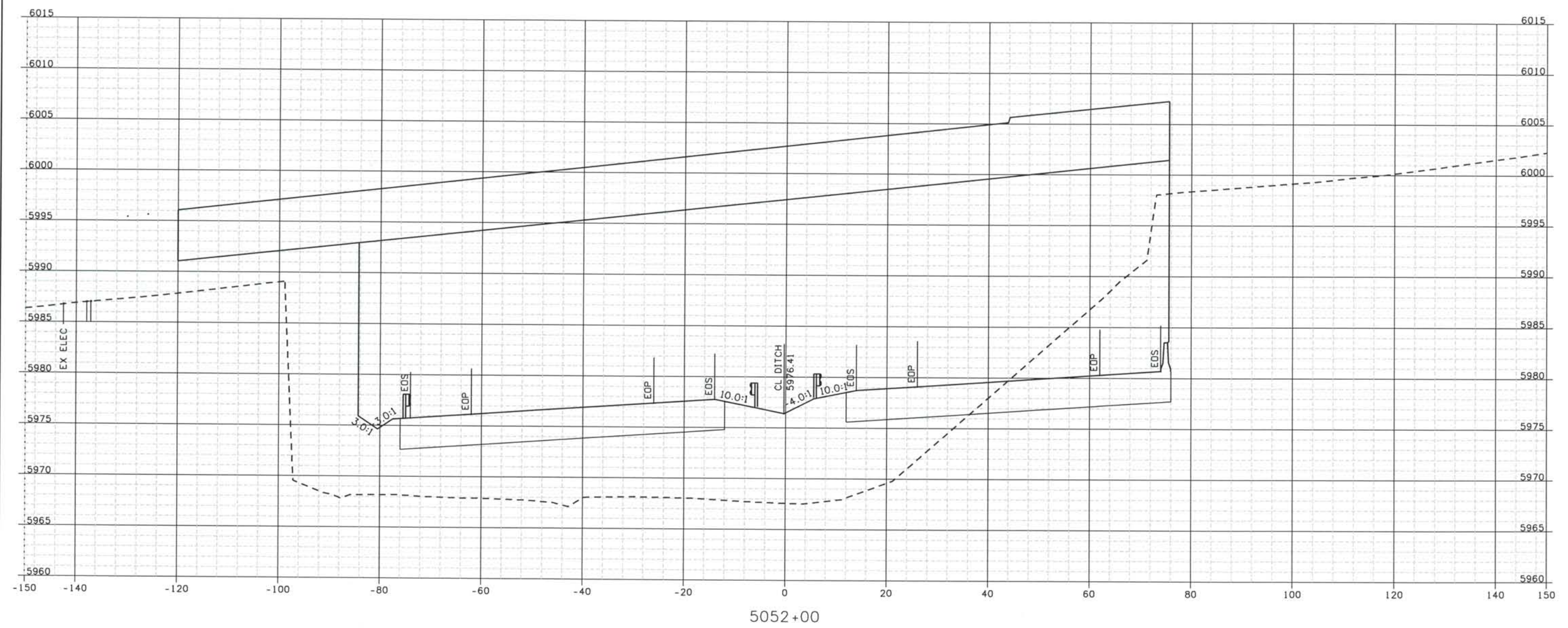
Drawing Number
 DS1-X037

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

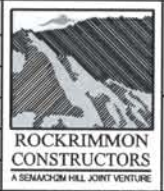
Date Plotted: 9/12/2008
 Time Plotted: 1:06:16 PM
 Plotted By: arthurst
 CAD Ver.: MicroStation V8 2004

As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

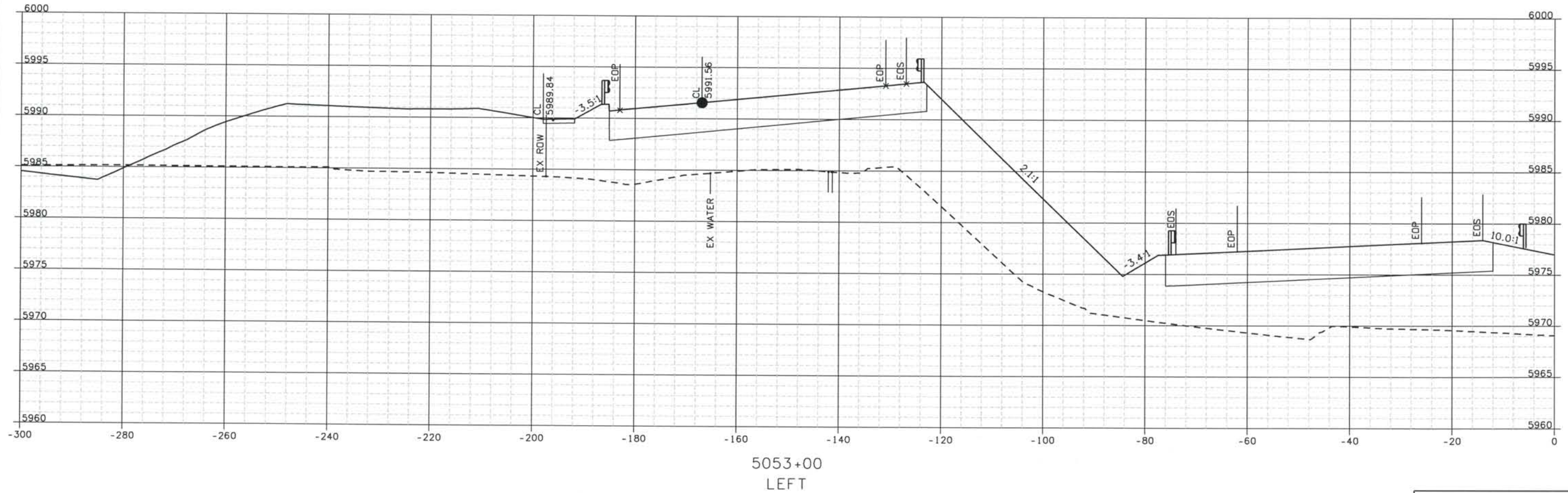
File Name DS1-RDXS-I2501.DGN
 Drawing Number DS1-X038

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Date Plotted: 9/12/2008
 Time Plotted: 1:06:17 PM
 Plotted By: arthyhurst
 CAD Ver.: MicroStation VB 2004



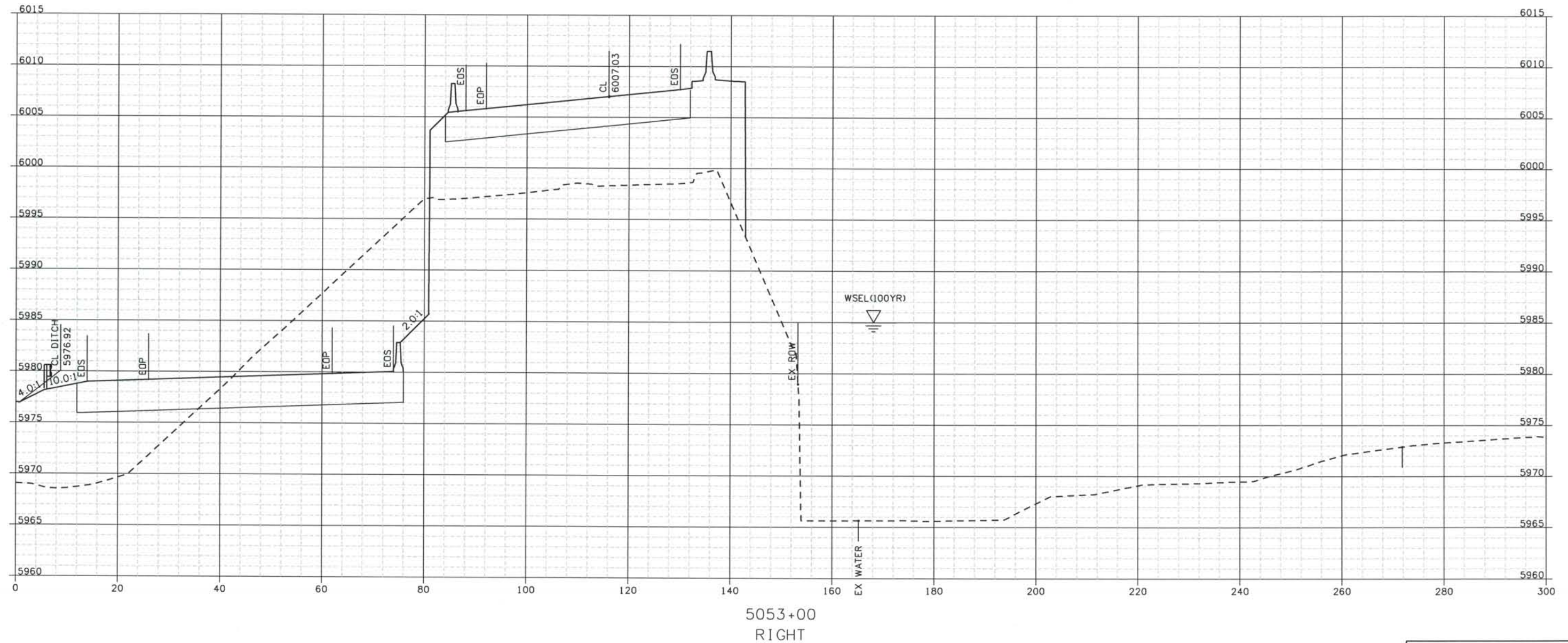
ISSUE RECORD			
NO.	DESCRIPTION	DATE	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	APPROVED FOR CONSTRUCTION NDC No. 27	04/04/07	
3	AS-BUILT PLANS SUBMITTAL	08/15/08	



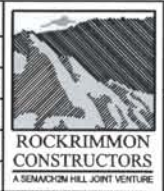
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X039

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2 AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

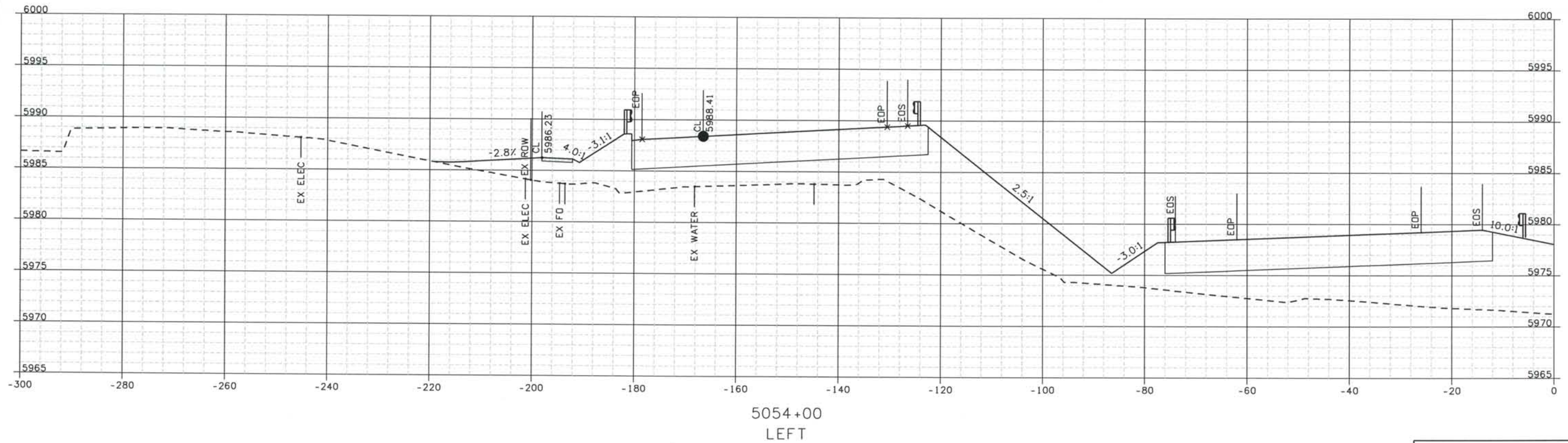
Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X040

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Date Plotted: 9/12/2008
 Time Plotted: 1:06:20 PM
 Plotted By: arthyhurst
 CAD Ver.: MicroStation V8 2004



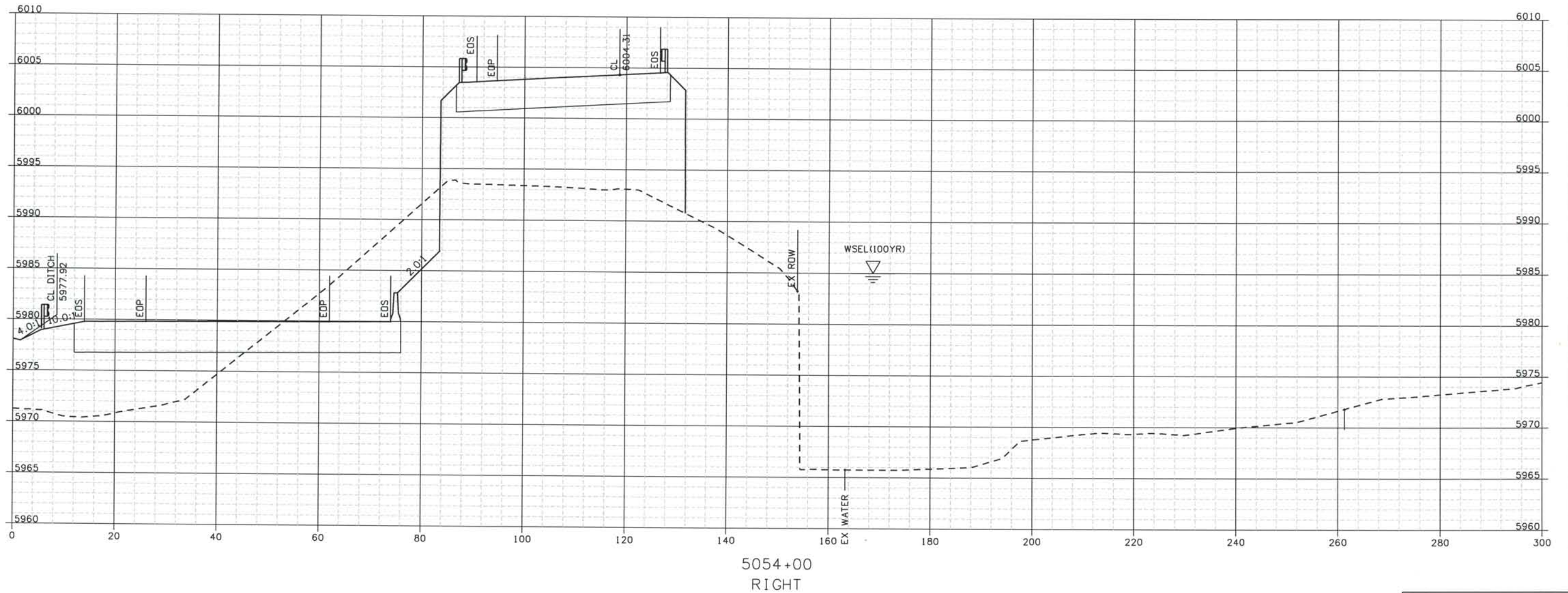
ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06	
	C 90% DESIGN SUBMITTAL	04/24/06	
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
	2 AS-BUILT PLANS SUBMITTAL	08/15/08	



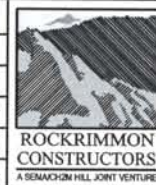
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X041

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



Designed By:			
R. HARR			
ISSUE RECORD			
NO.	DESCRIPTION		DATE
B	60% DESIGN SUBMITTAL		02/22/06
C	90% DESIGN SUBMITTAL		04/24/06
Checked By:			
1 APPROVED FOR CONSTRUCTION SUBMITTAL 05/24/06			
2 AS-BUILT PLANS SUBMITTAL 08/15/08			



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-I2501.DGN

Drawing Number
 DS1-X042

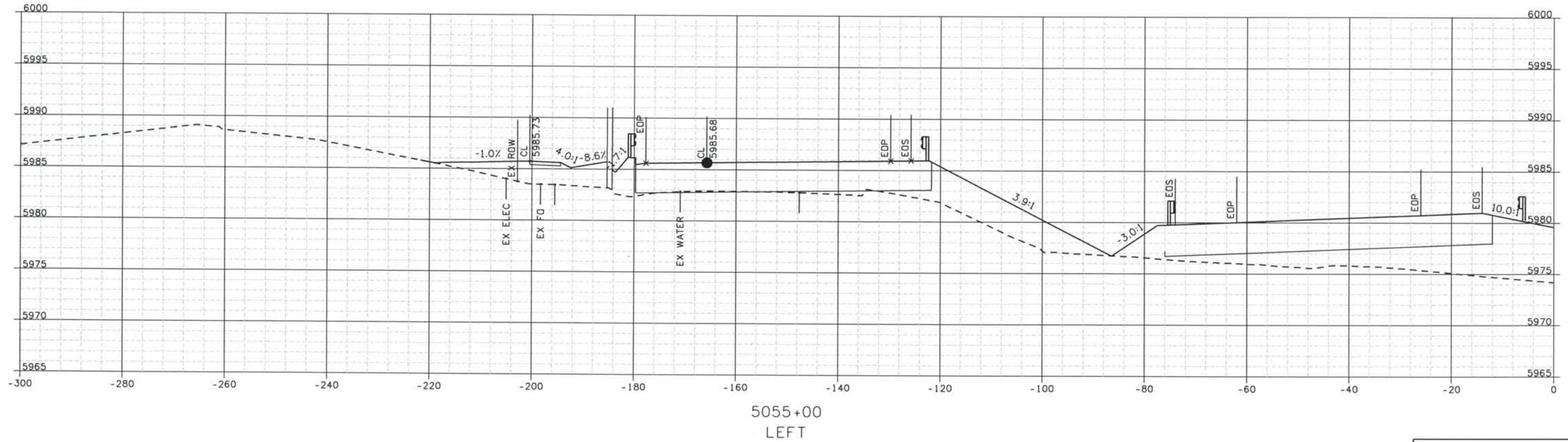
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:22 PM
 Plotted By: arthyhurst
 CAD Ver.: MicroStation VB 2004



Designed By:	ISSUE RECORD		
R. HARR	NO.	DESCRIPTION	DATE
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
M. MILLAGE	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
T. EVERSOLL	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-12501.DGN

Drawing Number
 DS1-X043

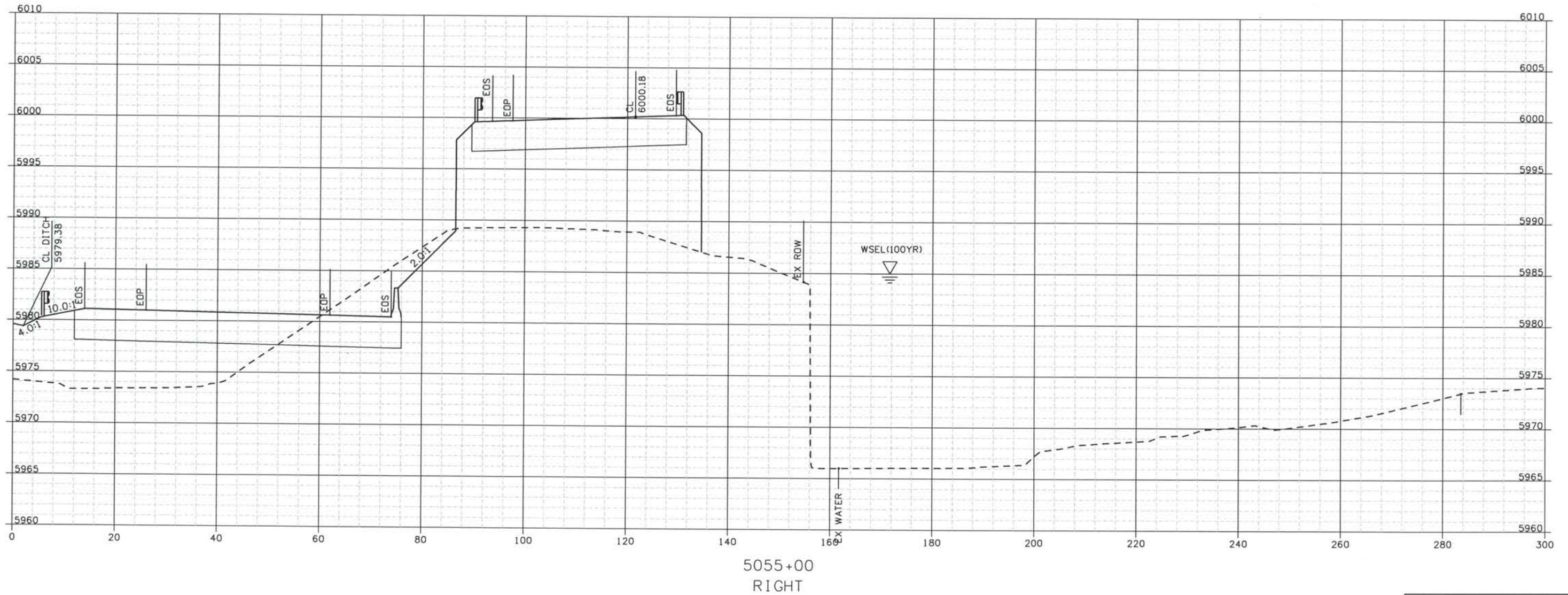
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

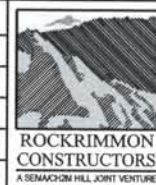
As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:23 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation VB 2004



ISSUE RECORD			
NO.	DESCRIPTION		DATE
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



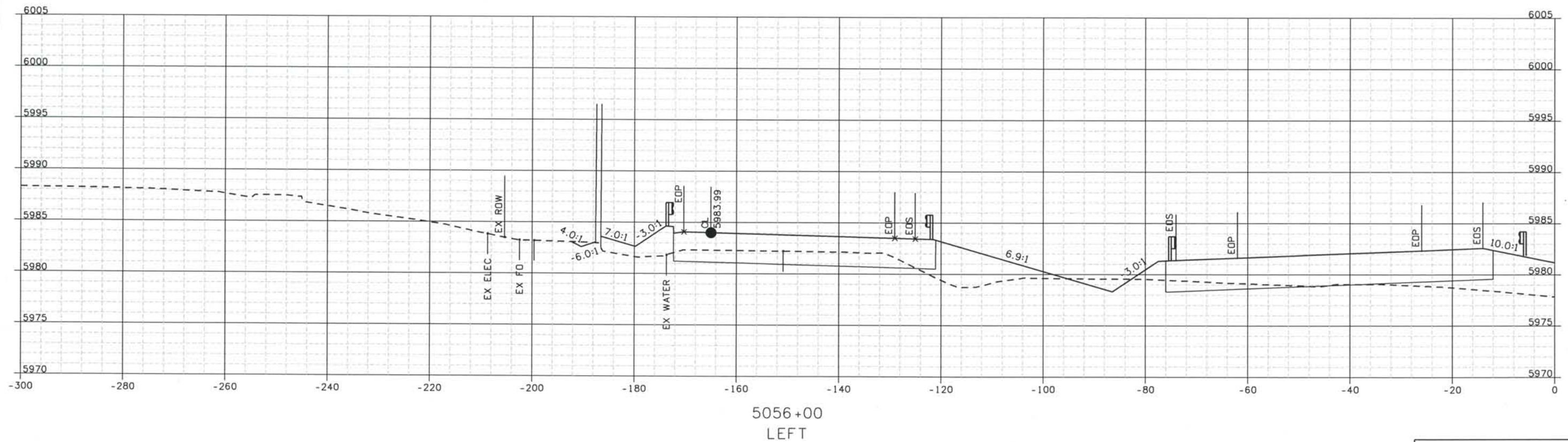
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X044

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:24 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X045

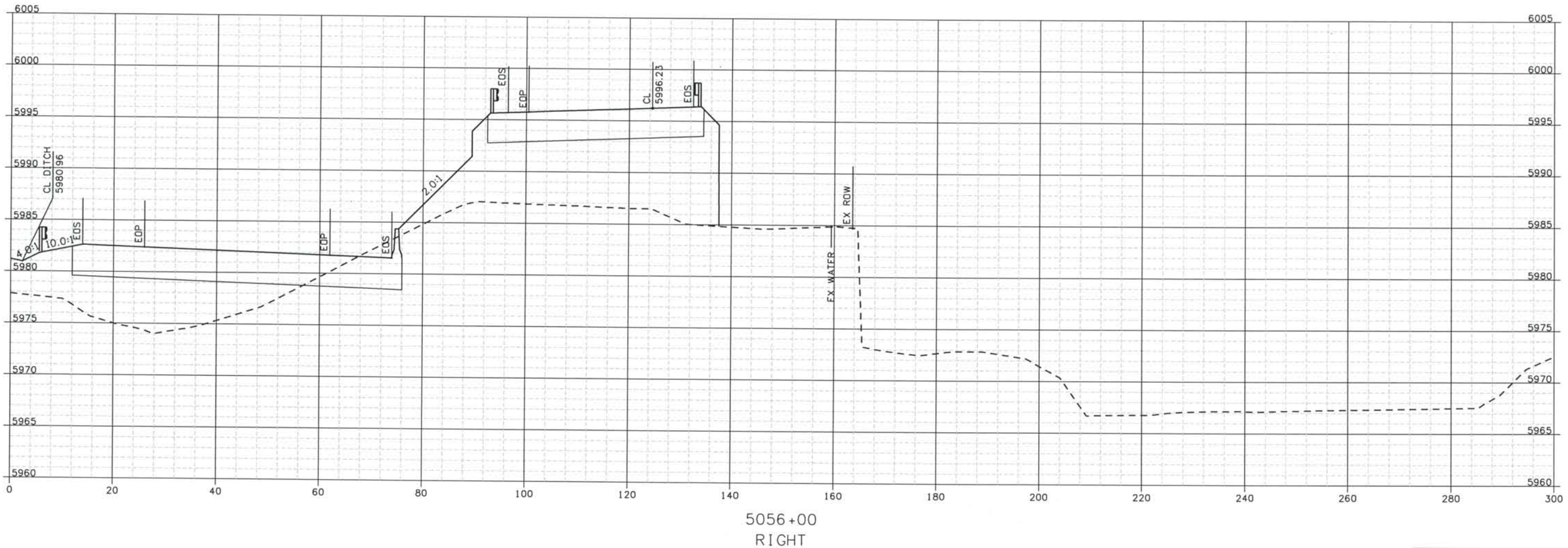
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:25 PM
 Plotted By: arthurst
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By: R. HARR			
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
Checked By: T. EVERSOLL			
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-RDXS-12501.DGN
 Drawing Number: DS1-X046

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

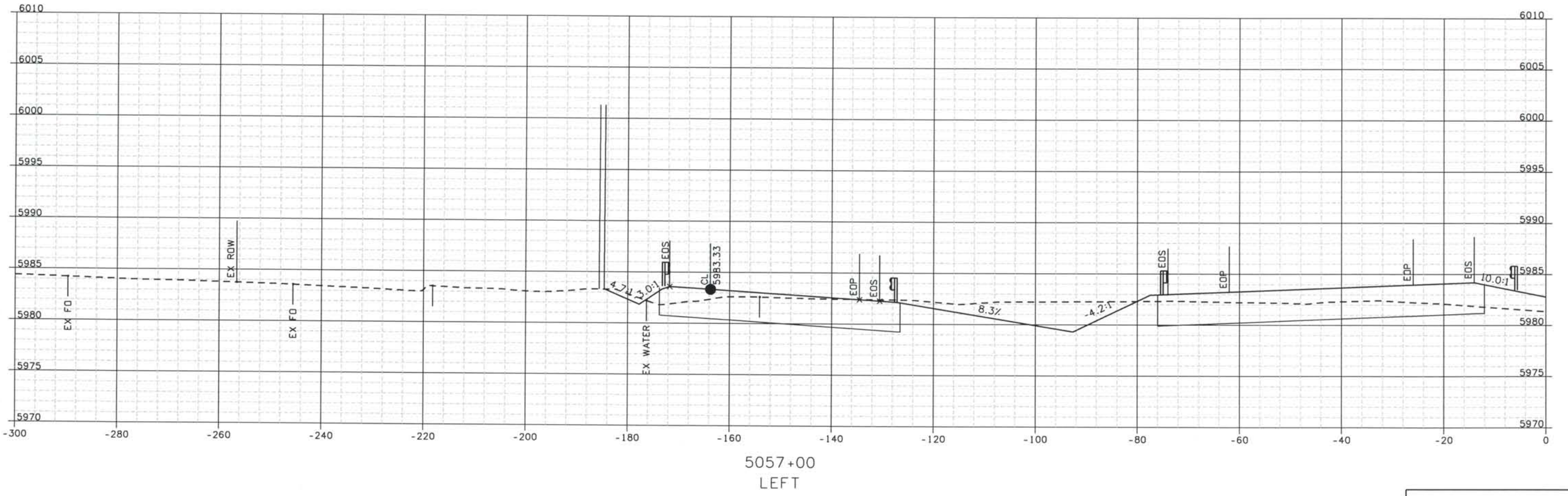
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:27 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1

Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



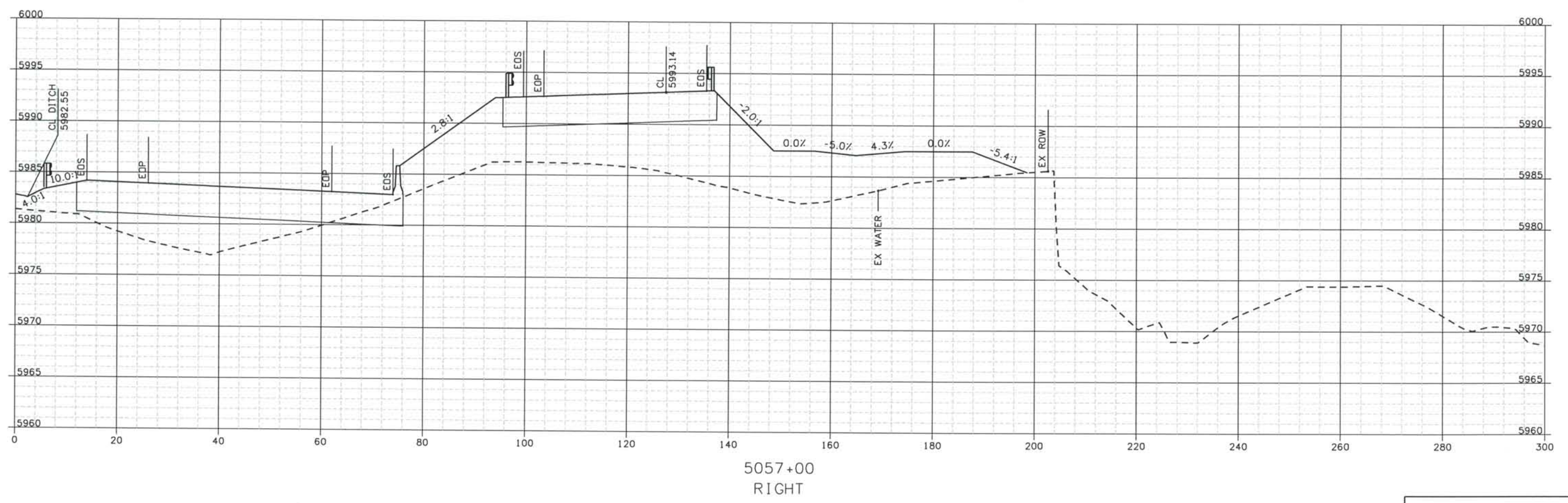
DESIGN SEGMENT 1

ROADWAY CROSS SECTIONS

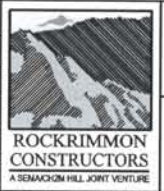
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-I2501.DGN
 Drawing Number DS1-X047

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



Designed By:			
R. HARR			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
Checked By:			
T. EVERSOLL			
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 I-25

Project No./Code	
IM 0252-370 S.A. 14740	
File Name	DS1-RDXS-12501.DGN
Drawing Number	DS1-X048

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

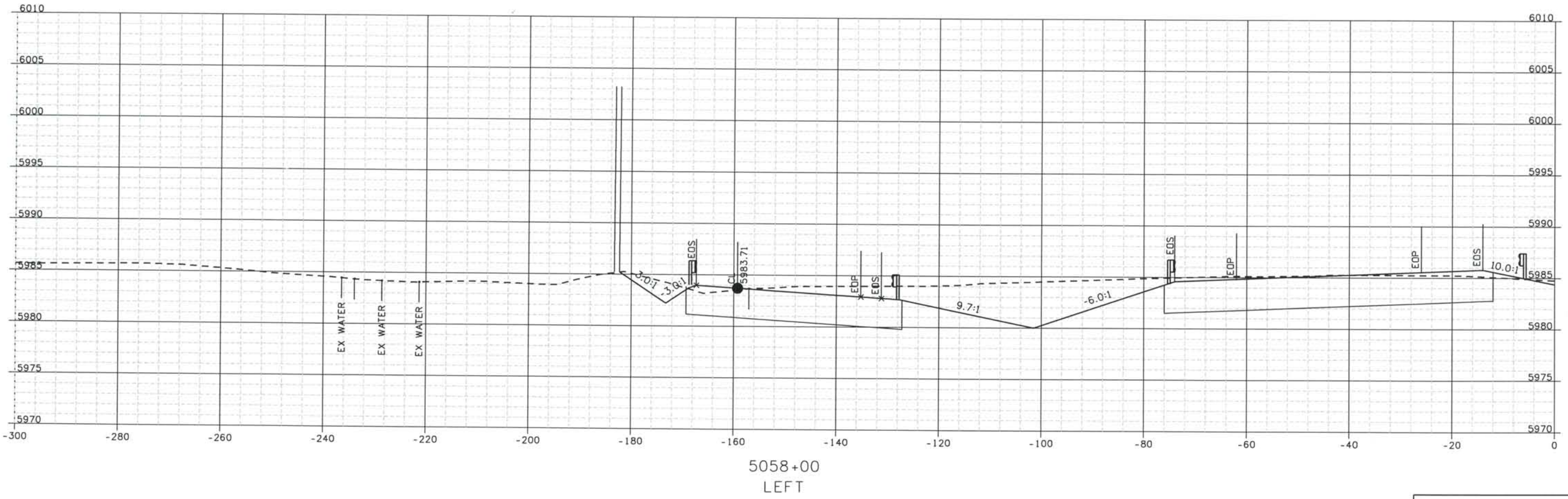
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:29 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation VB 2004

As-Built
 327504.DS1

Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DSI-X049

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008

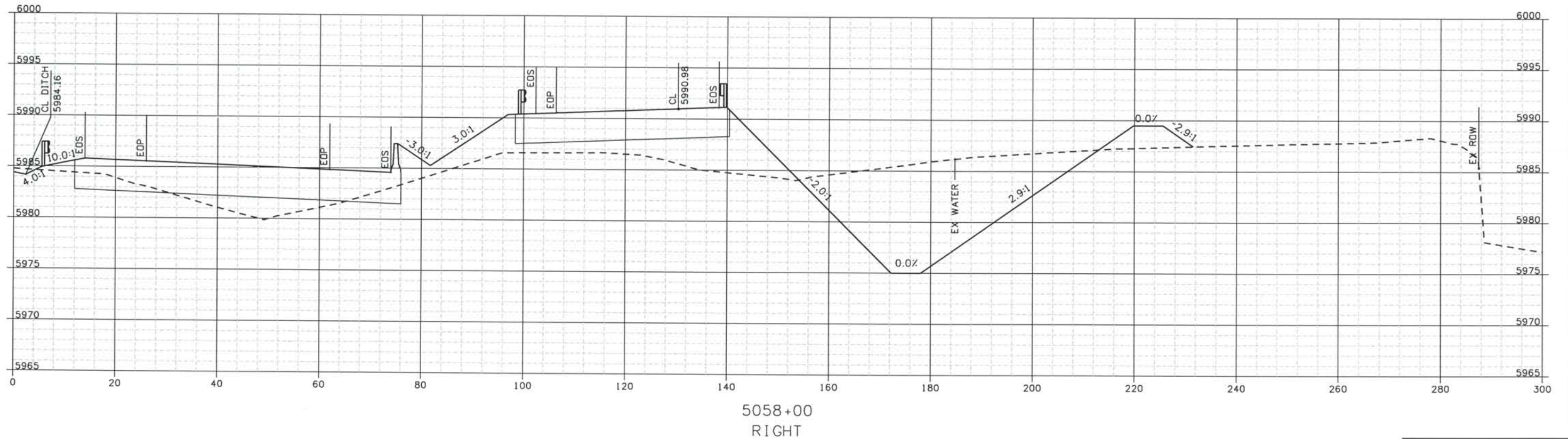
Time Plotted: 1:06:30 PM

Plotted By: oryhurst

CAD Ver.: MicroStation V8 2004

As-Built 327504.DS1

Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-12501.DGN

Drawing Number
DS1-X050

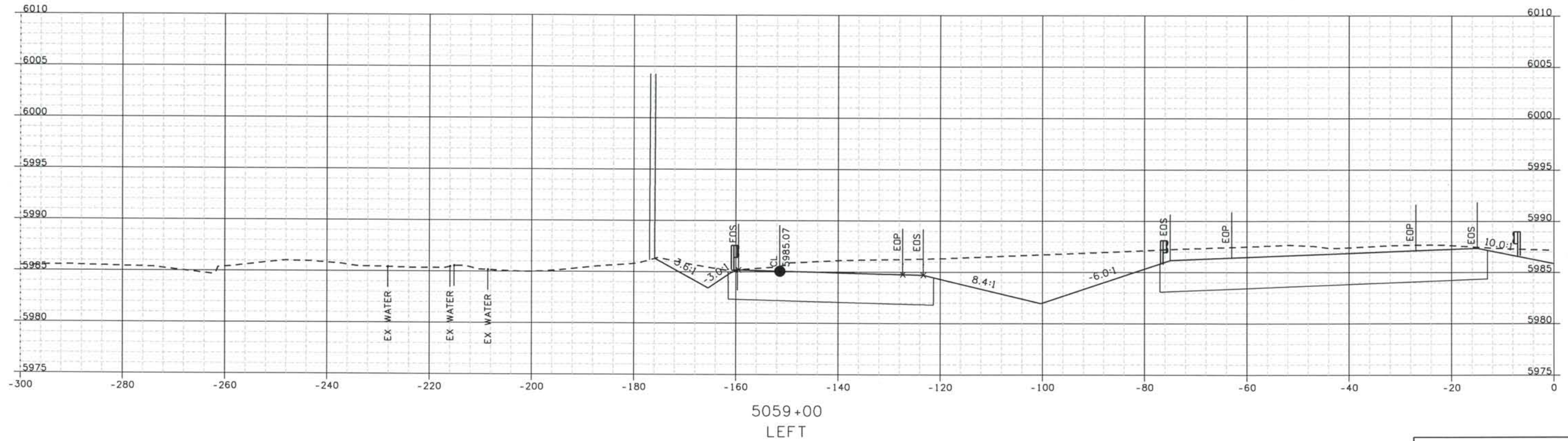
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

327504.DSI
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:31 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



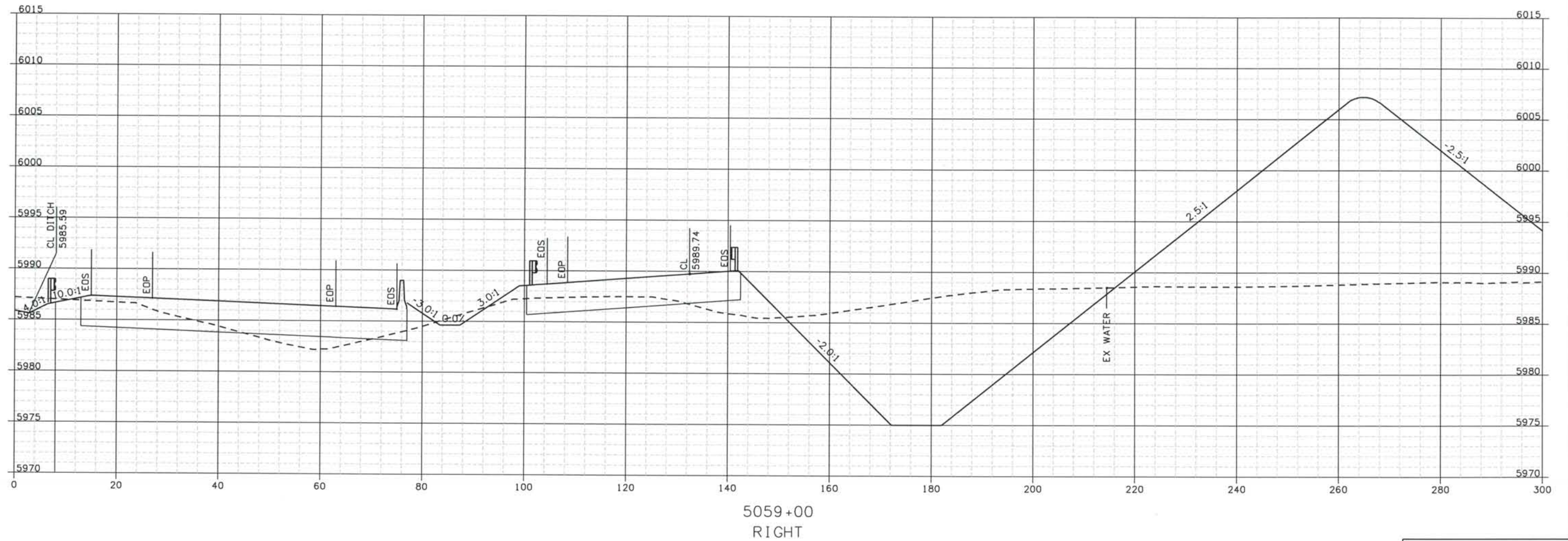
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X051

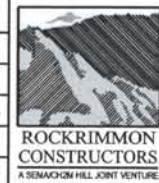
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:32 PM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

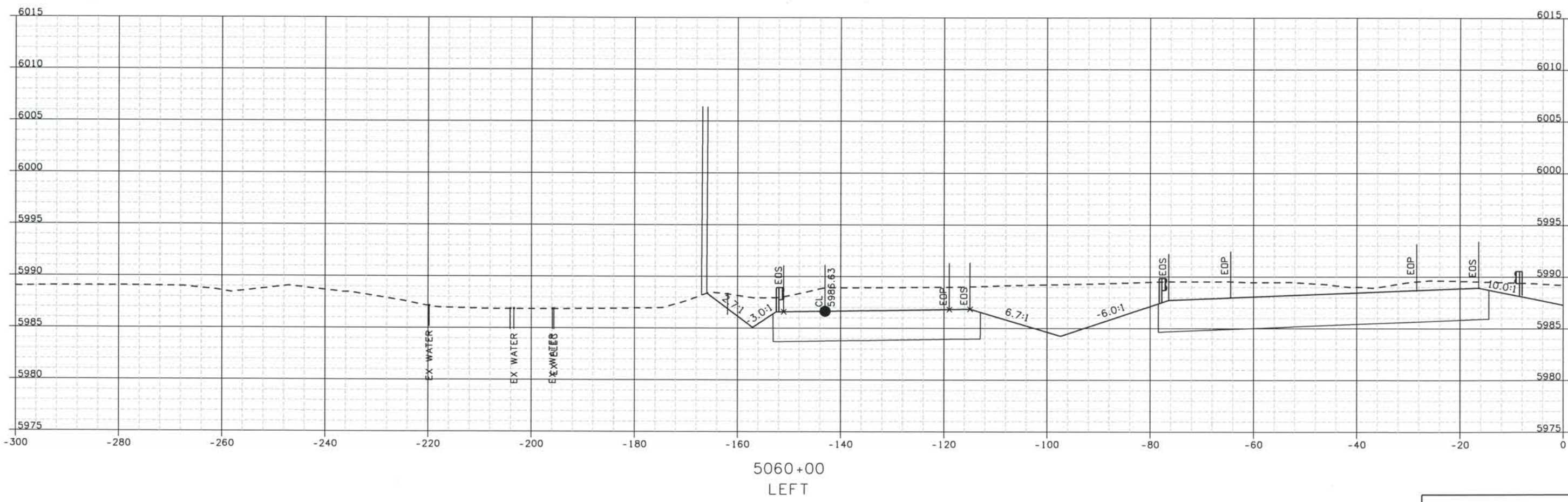


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X052

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



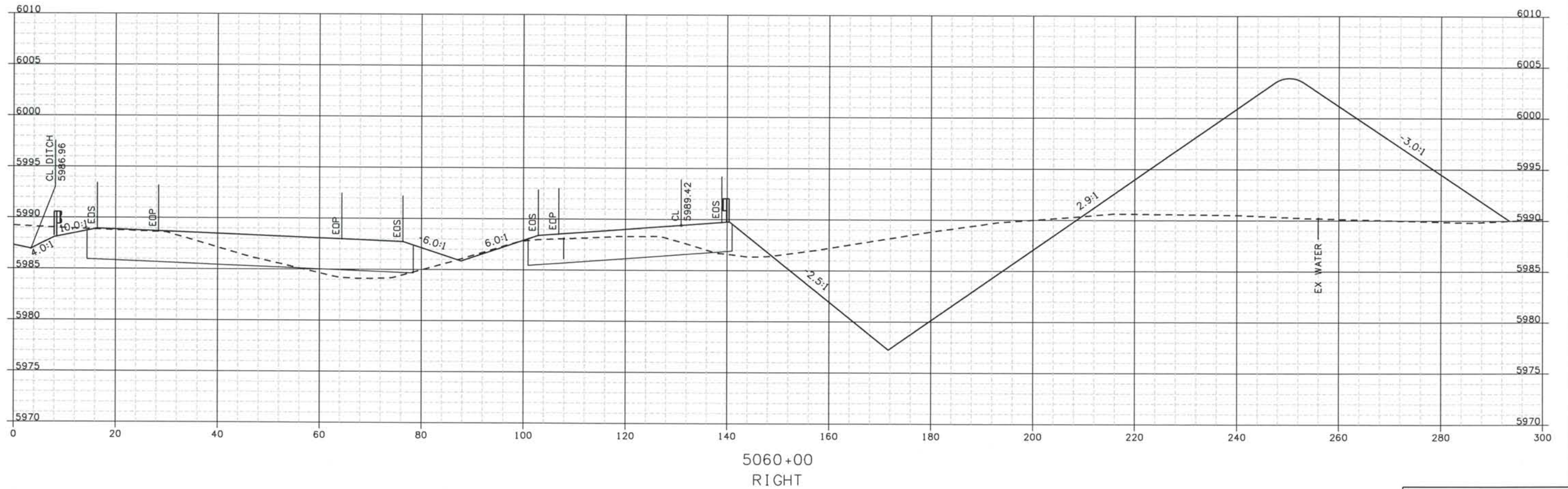
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-I2501.DGN

Drawing Number
 DS1-X053

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X054

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

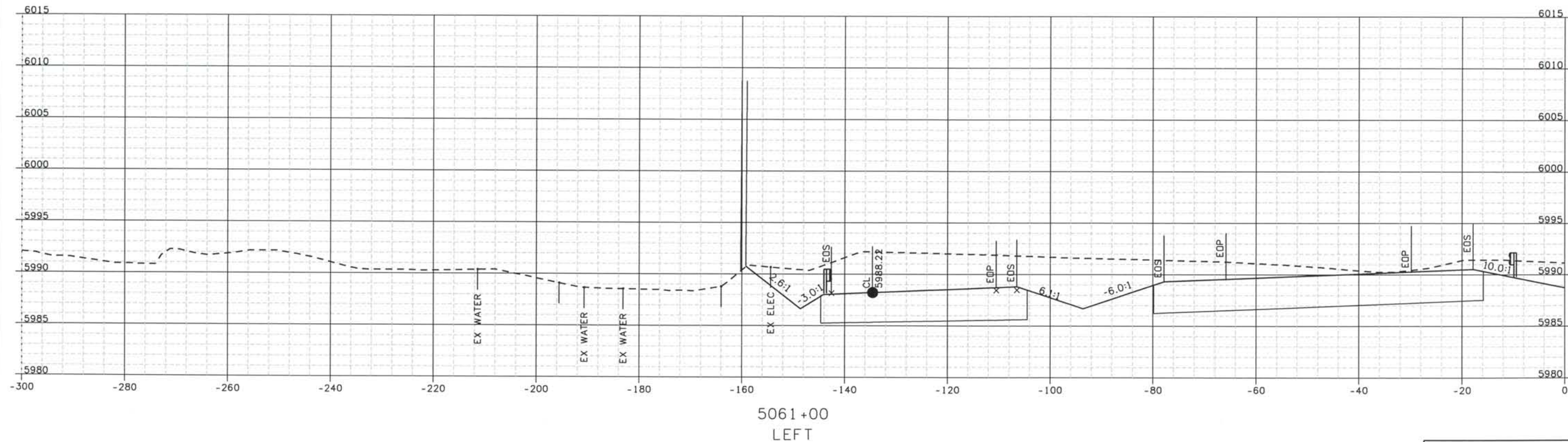
Date Plotted: 9/12/2008
 Time Plotted: 1:06:35 PM
 Plotted By: ortyhurst

Computer File Information

As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740

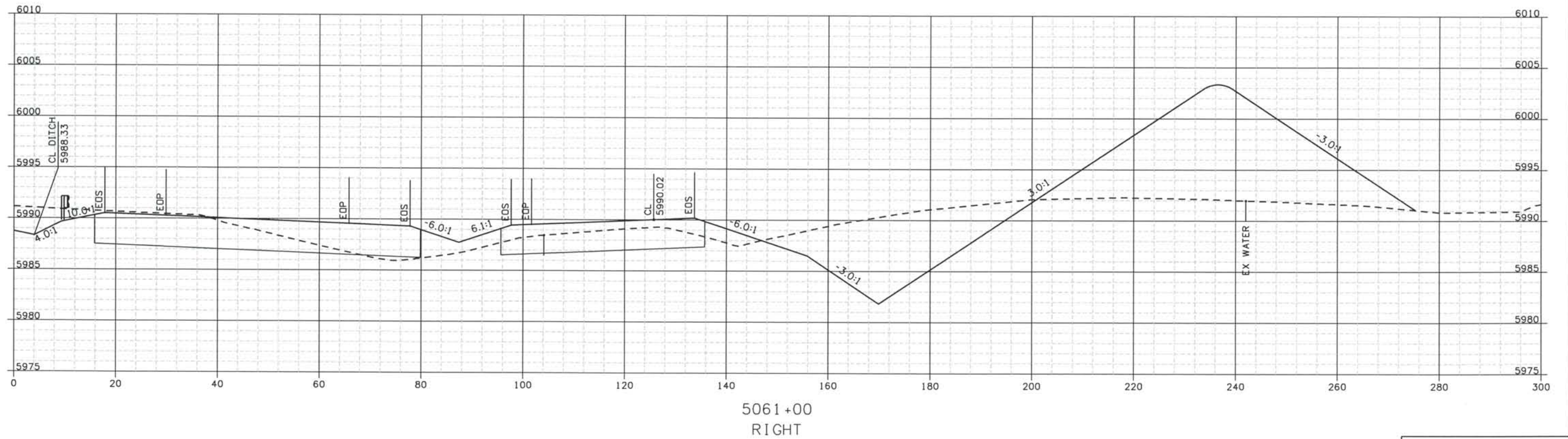
File Name
 DSI-RDXS-I2501.DGN

Drawing Number
 DS1-X055

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:37 PM
 Plotted By: orthyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



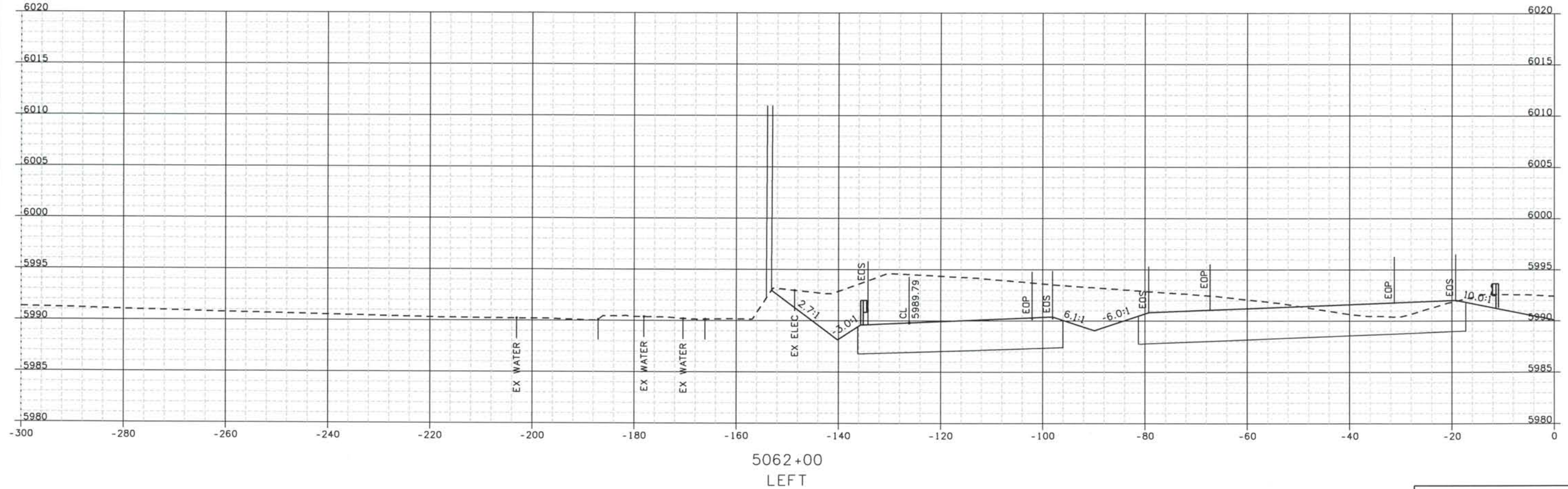
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-12501.DGN
 Drawing Number
 DS1-X056

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:38 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



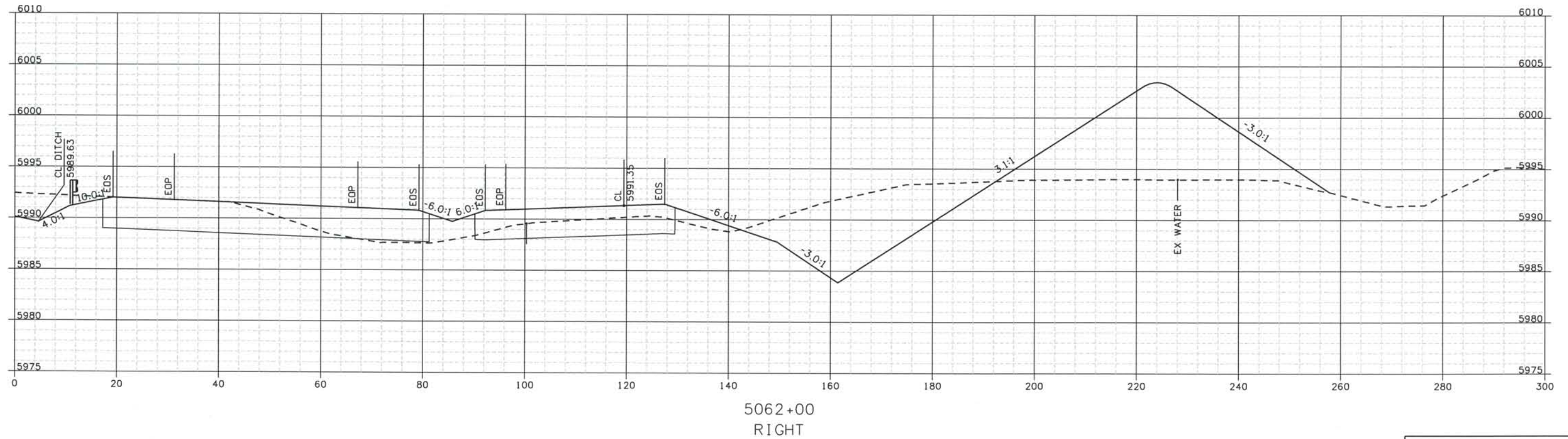
ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X057

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

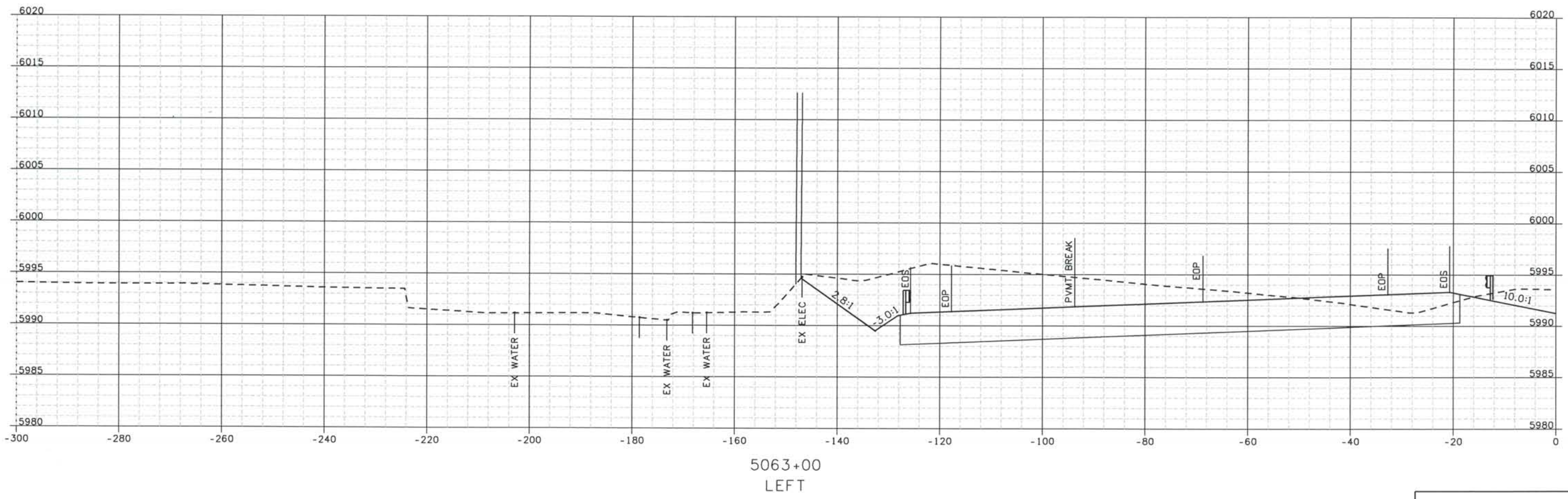


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
 I-25

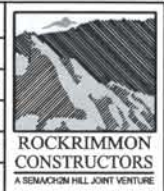
Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X058

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LANUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



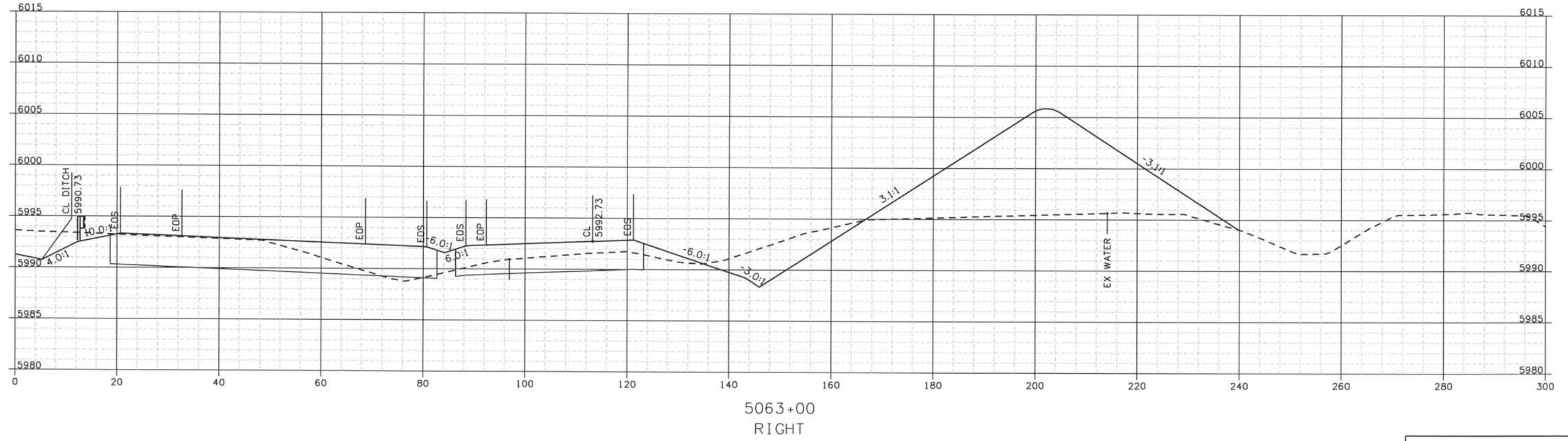
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X059

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:41 PM
 Plotted By: ortynhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot



Designed By:	ISSUE RECORD		
R. HARR	NO.	DESCRIPTION	DATE
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
M. MILLAGE	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
T. EVERSOLL	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DSI-X060

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

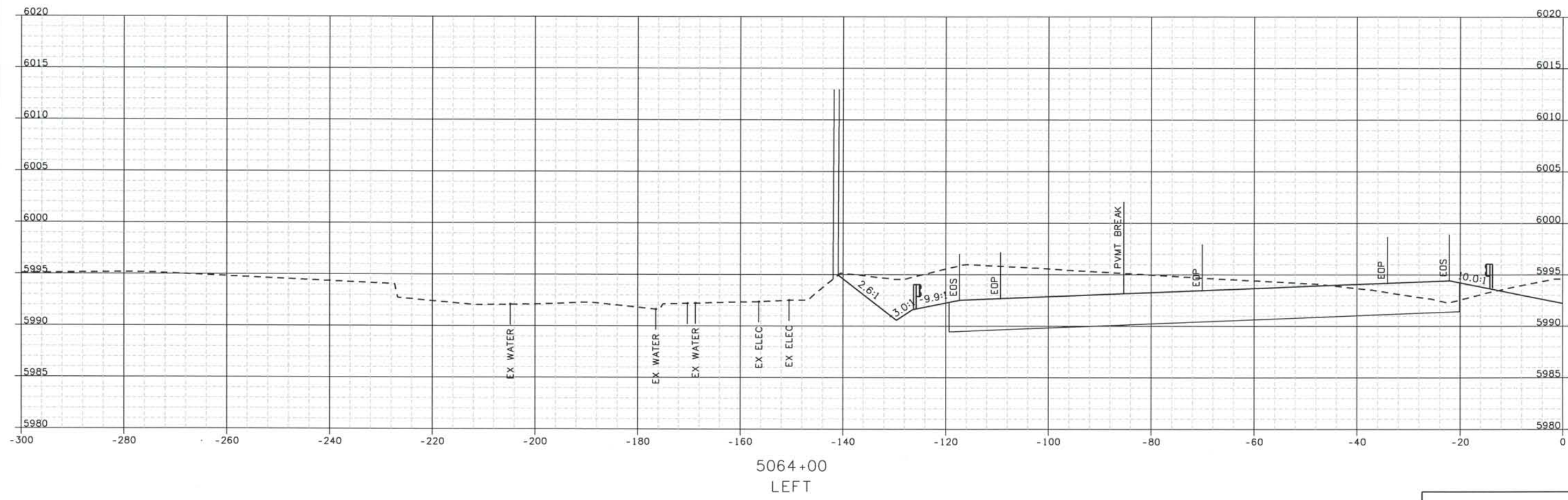
Date Plotted: 9/12/2008
 Time Plotted: 1:06:42 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004

As-Built

327504.DSI

Scale: 20' at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

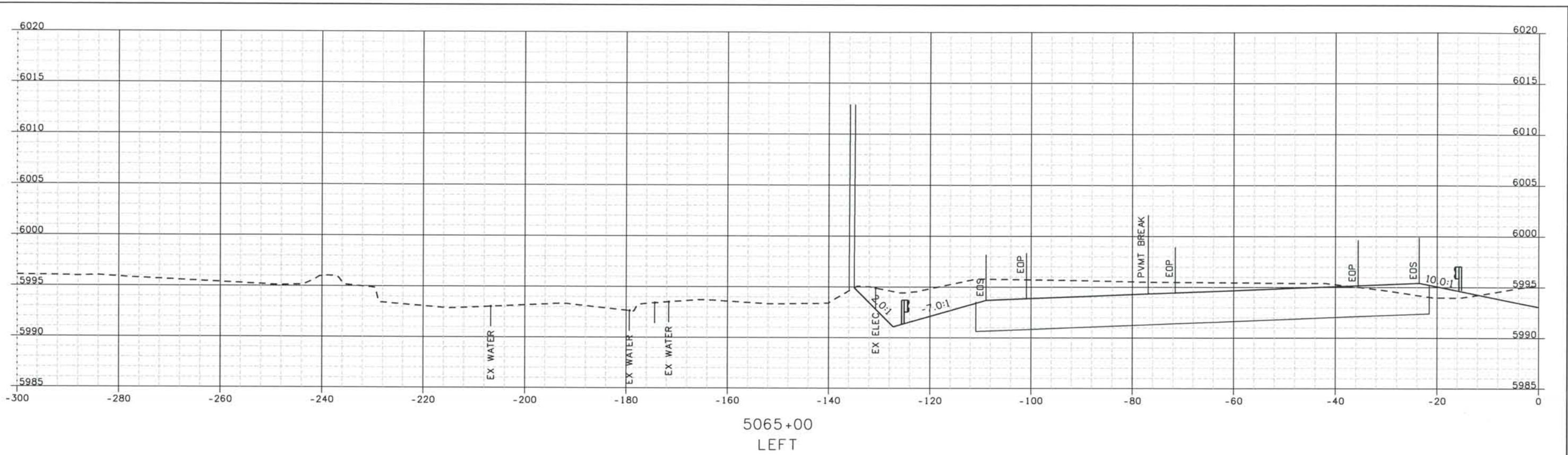


DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

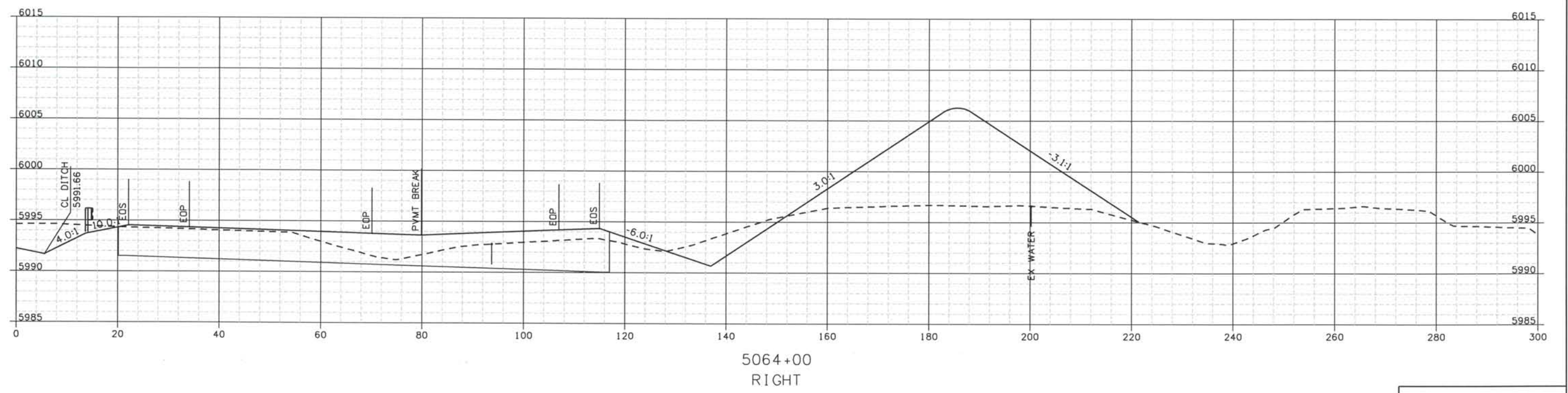
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-12501.DGN
 Drawing Number DS1-X061

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



5065+00
LEFT



5064+00
RIGHT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:43 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot

As-Built 327504.DSI

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

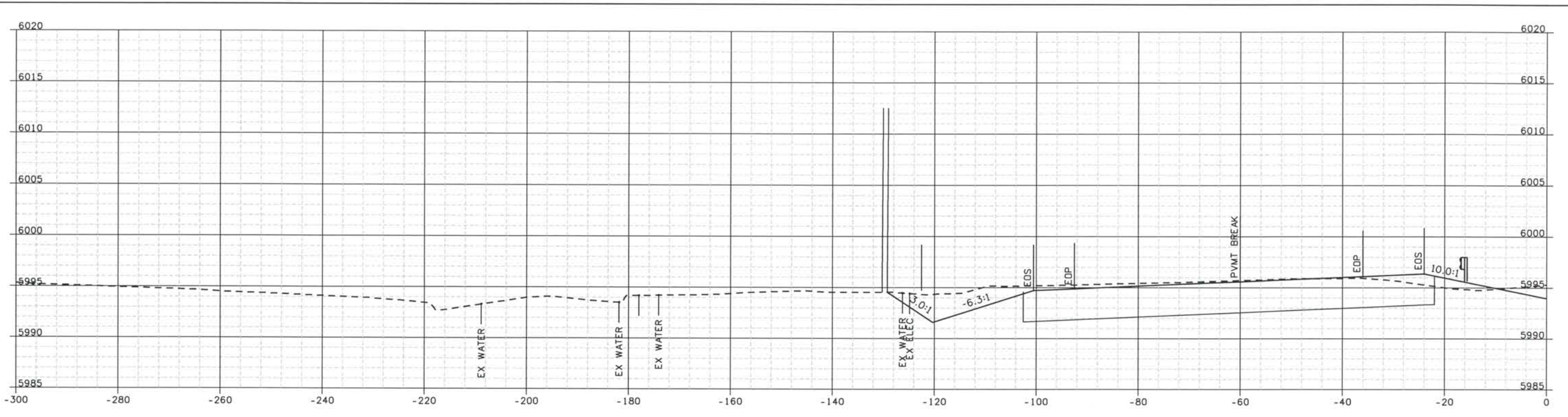
Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-12501.DGN

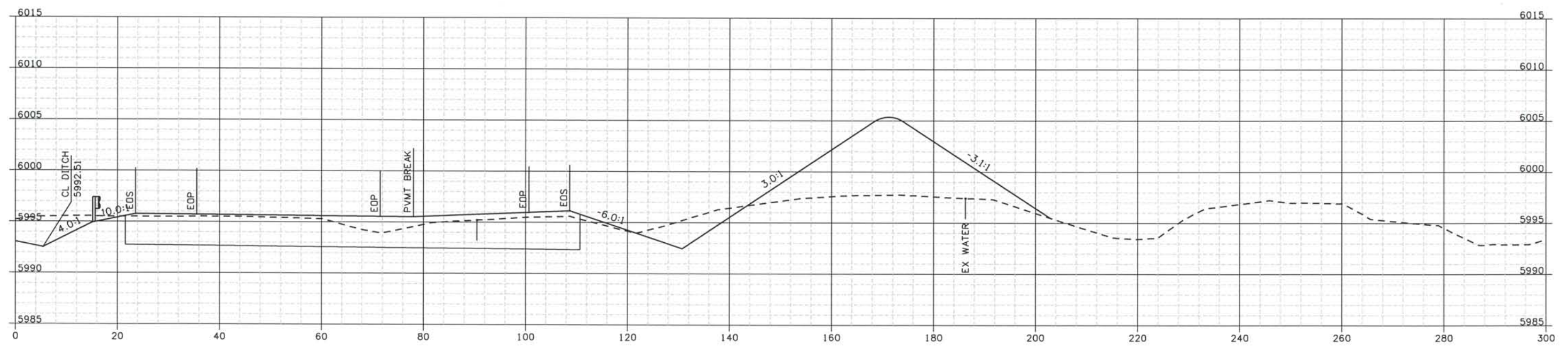
Drawing Number
DS1-X062

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



5066+00
LEFT



5065+00
RIGHT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:45 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17
 Units: US Survey Foot

327504.DSI

As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

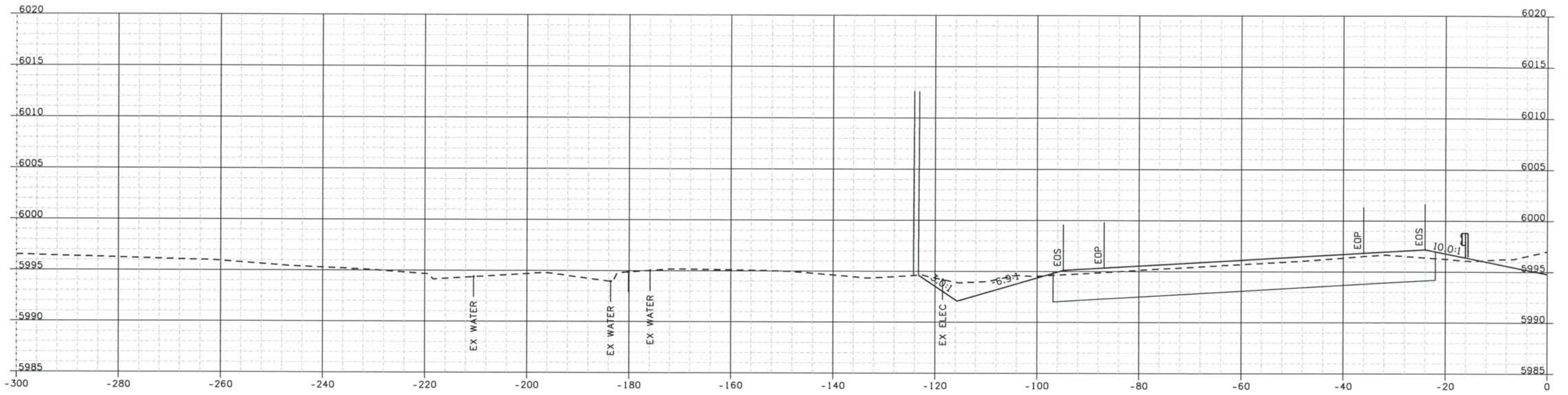
Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-I2501.DGN

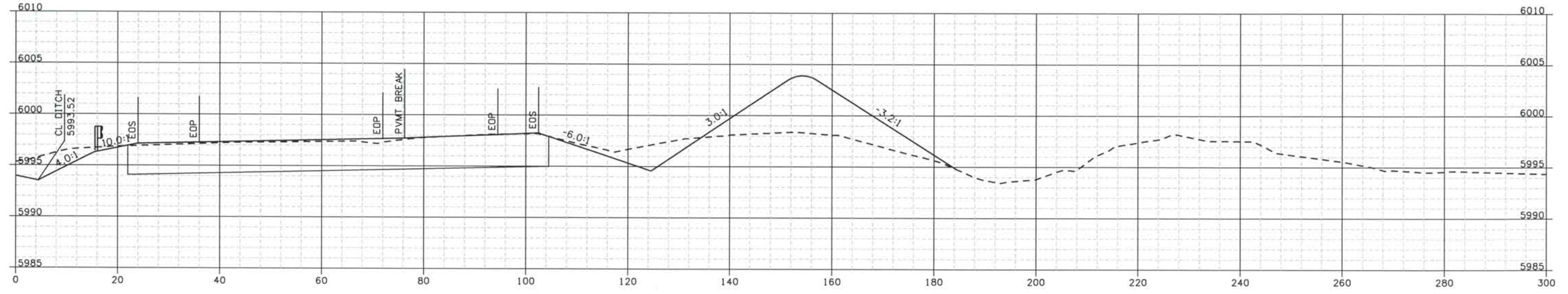
Drawing Number
DS1-X063

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



5067+00
LEFT



5066+00
RIGHT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:46 PM
 Plotted By: artynhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot

As-Built 327504.DSI

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

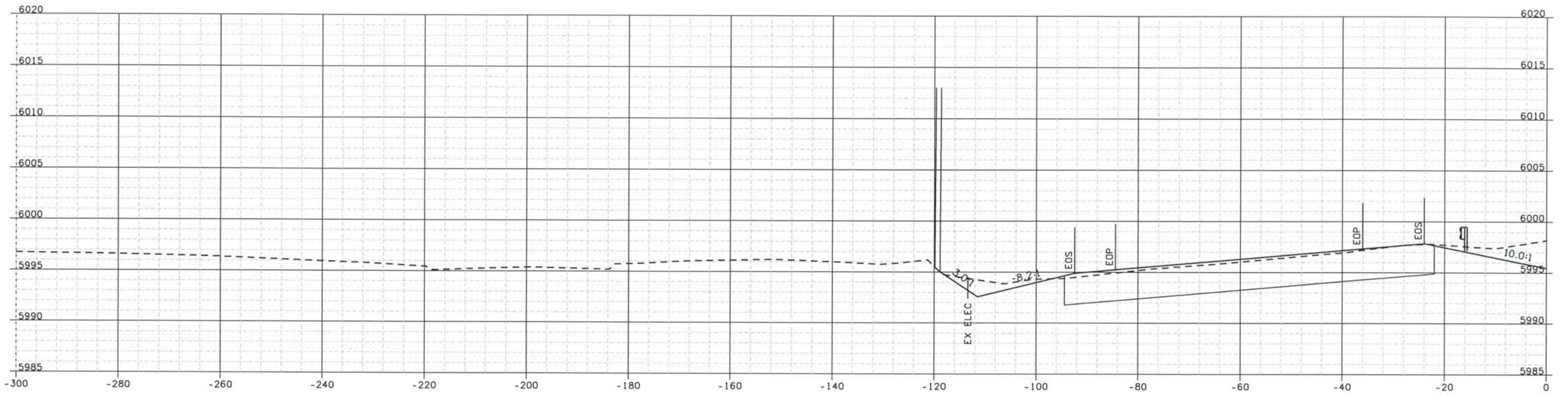
Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-12501.DGN

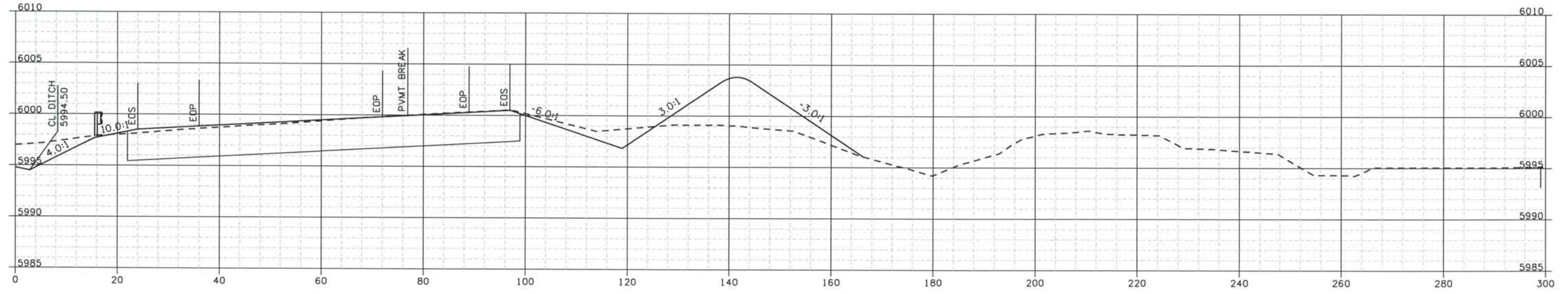
Drawing Number
DS1-X064

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



5068+00
LEFT



5067+00
RIGHT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:48 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17
 Units: US Survey Foot

As-Built 327504.DSI

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

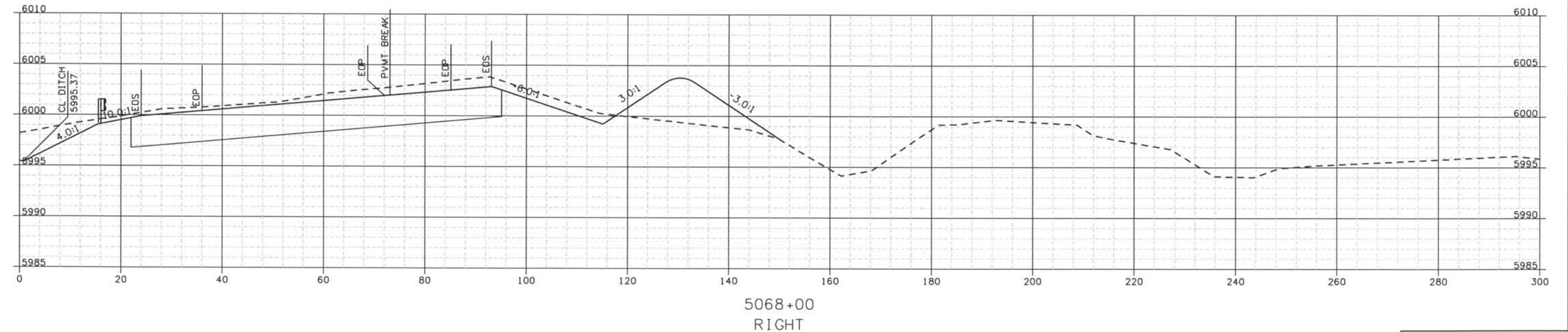
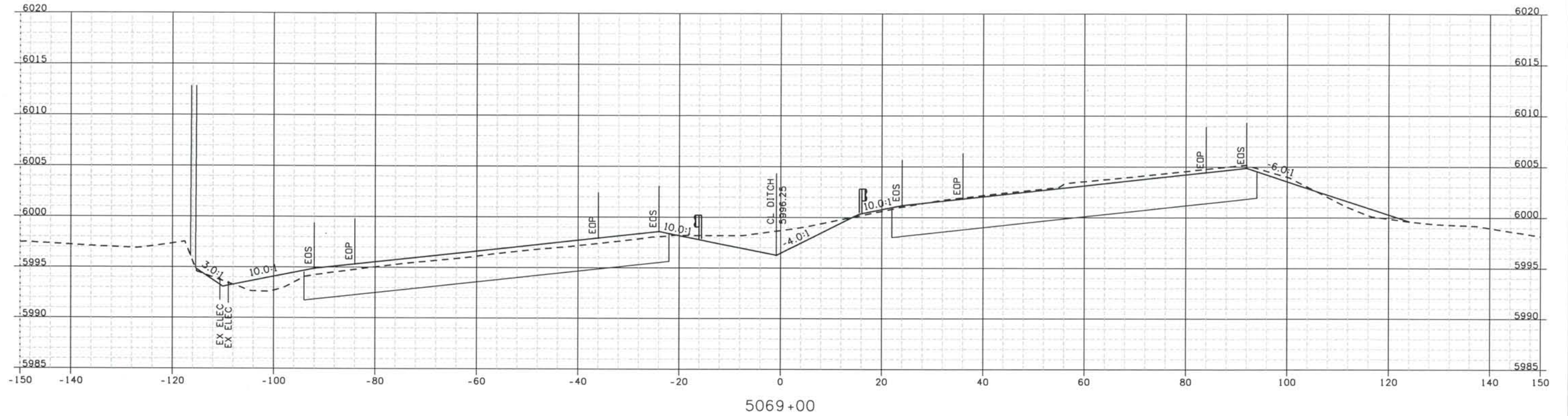
Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-I2501.DGN

Drawing Number
DS1-X065

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

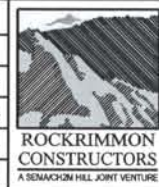
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:49 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-12501.DGN
 Drawing Number
 DS1-X066

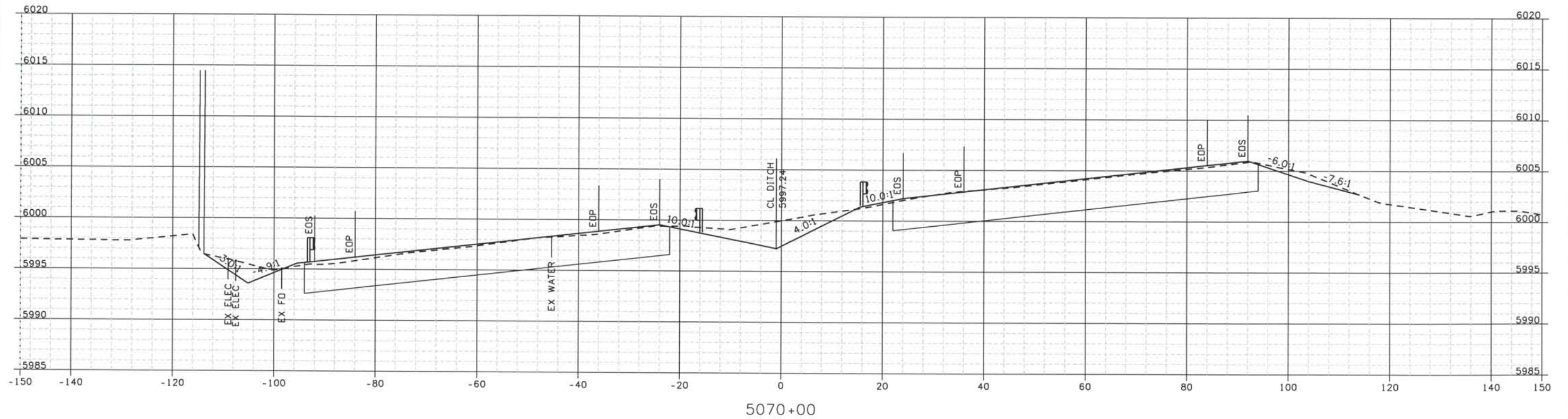
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

327504.DSI
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:51 PM
 Plotted By: oriyhurst
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



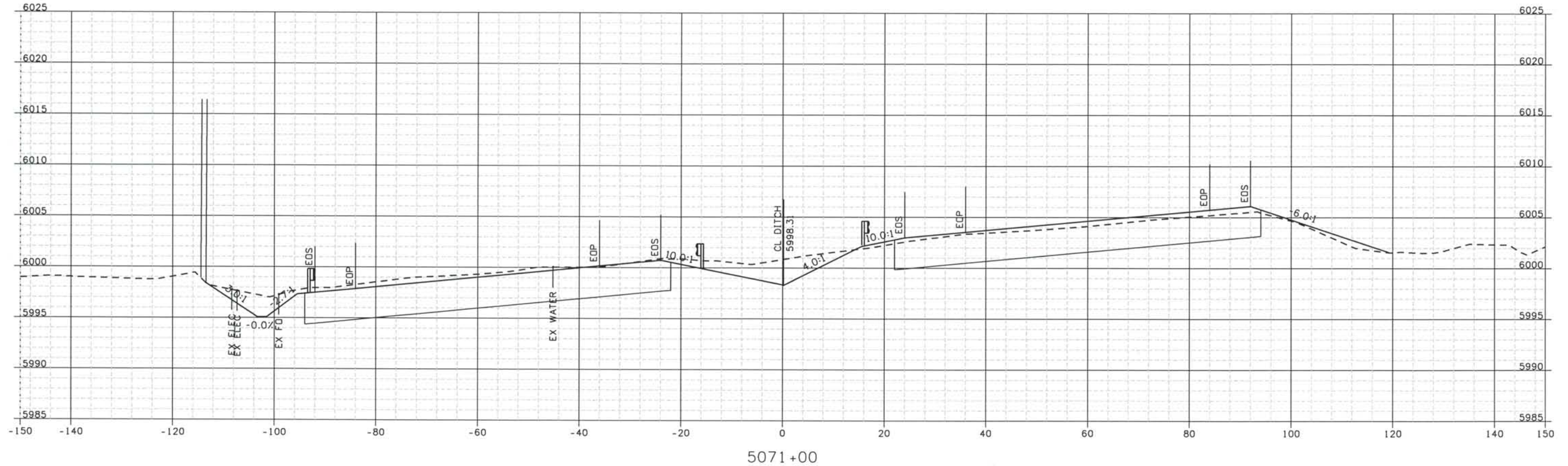
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-RDXS-12501.DGN
 Drawing Number: DS1-X067

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:52 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

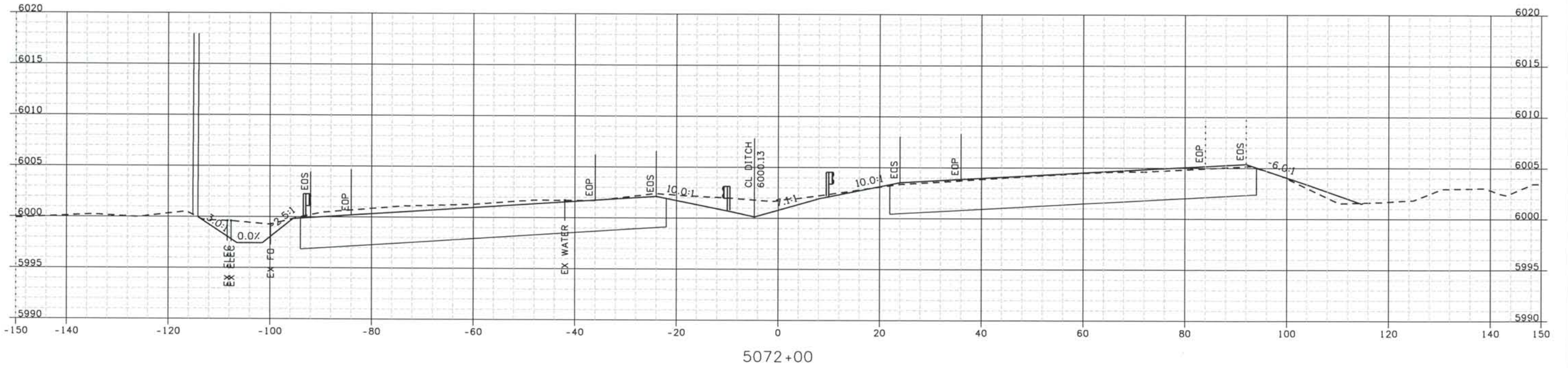
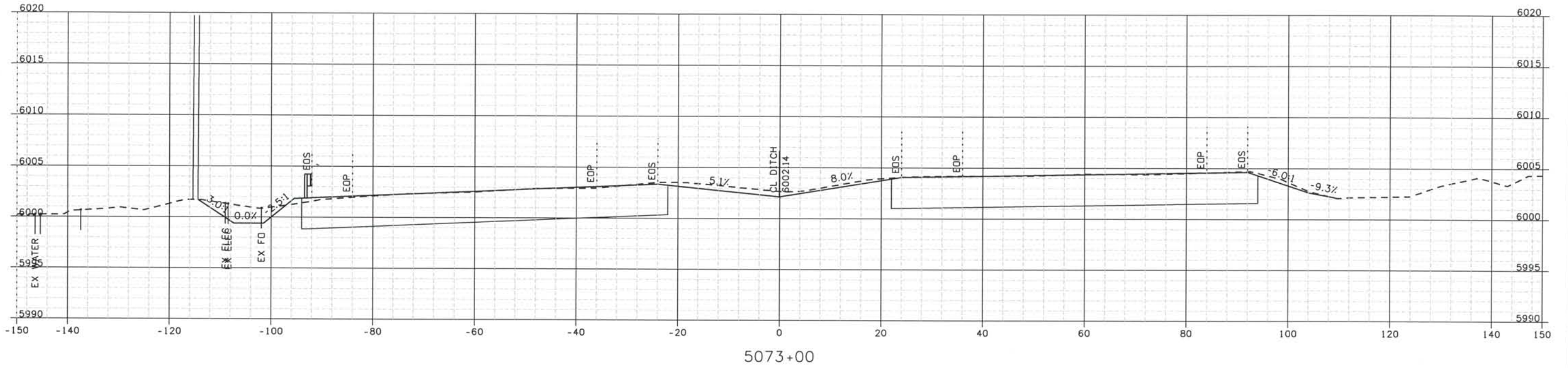


DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X068

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:06:53 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot

327504.DSI

As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



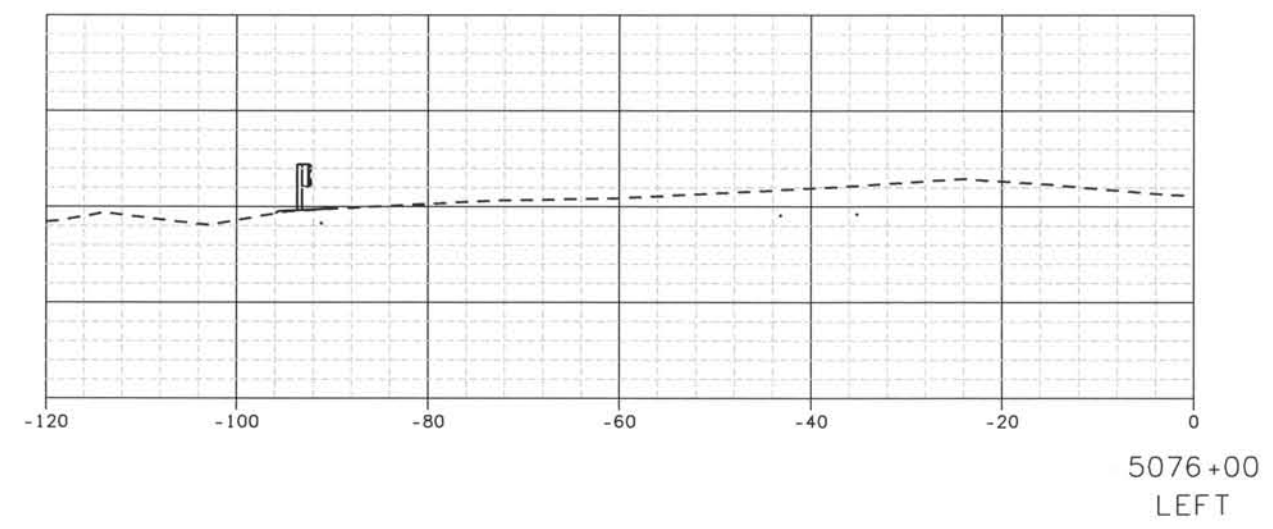
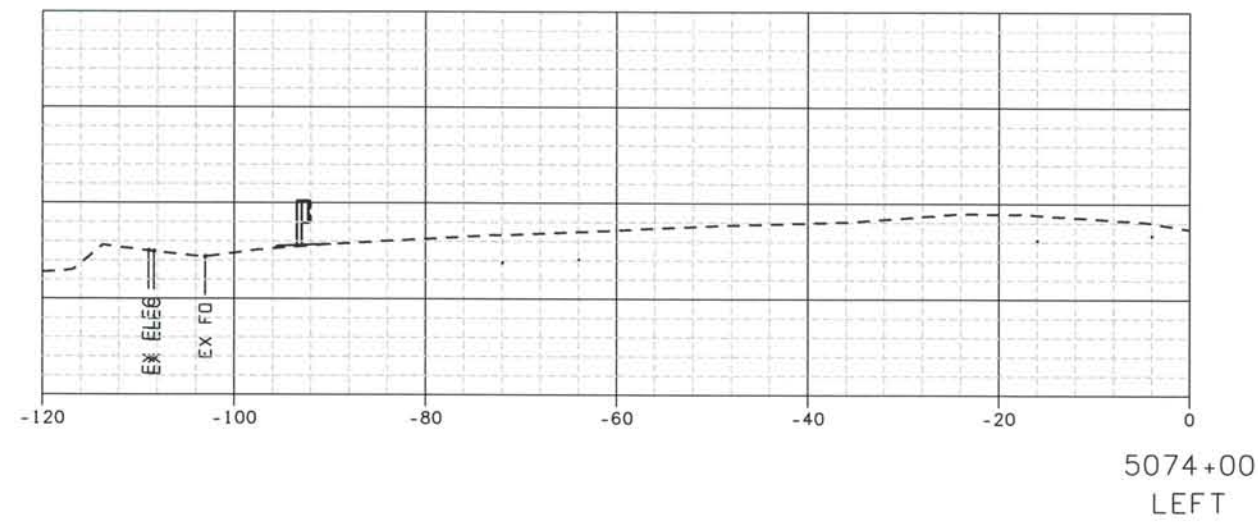
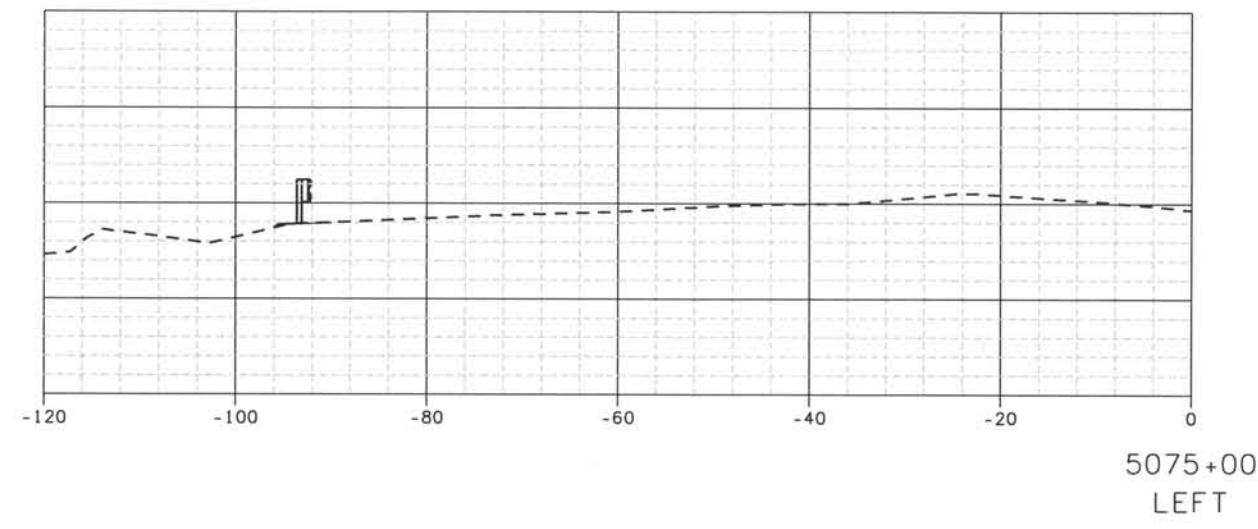
DESIGN SEGMENT 1

ROADWAY CROSS SECTIONS

I-25

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X069

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 I-25

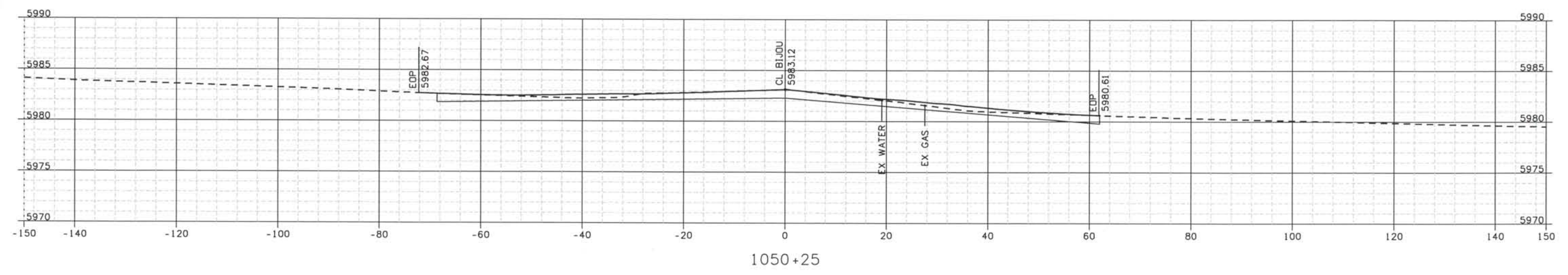
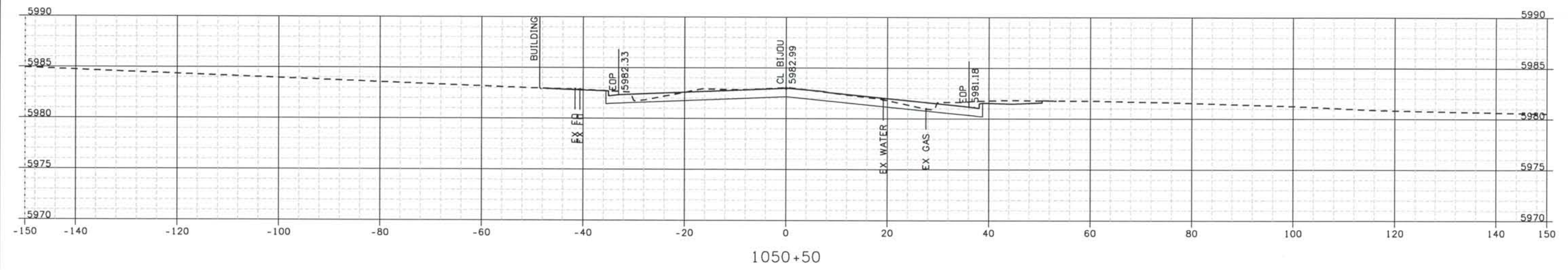
Project No./Code	IM 0252-370 S.A. 14740
File Name	DS1-RDXS-I2501.DGN
Drawing Number	DS1-X070

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:06:55 PM
 Plotted By: artynhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

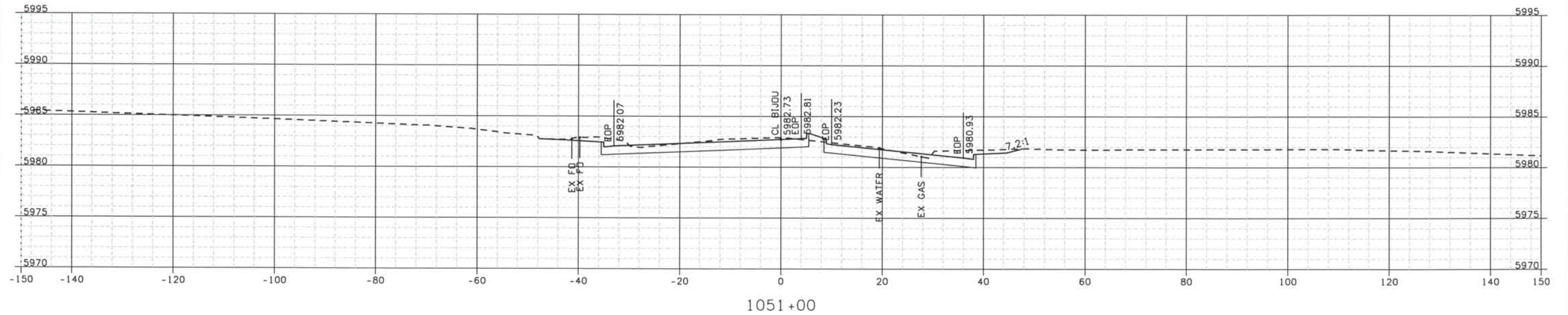
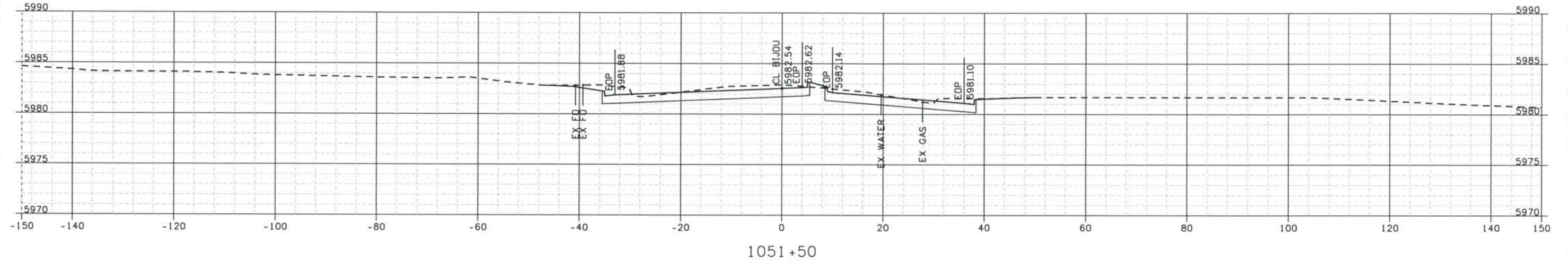
File Name
 DS1-RDXS-12501.DGN

Drawing Number
 DS1-X071

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:06:56 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



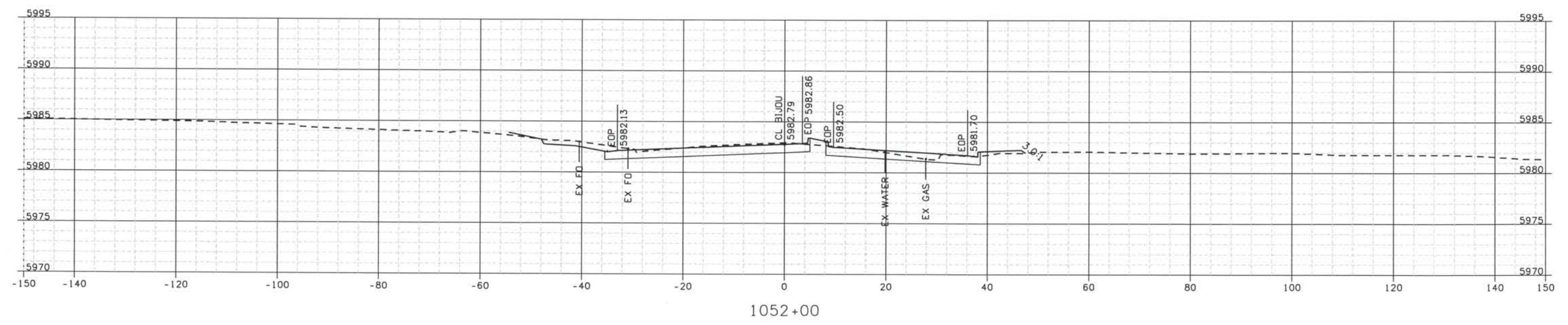
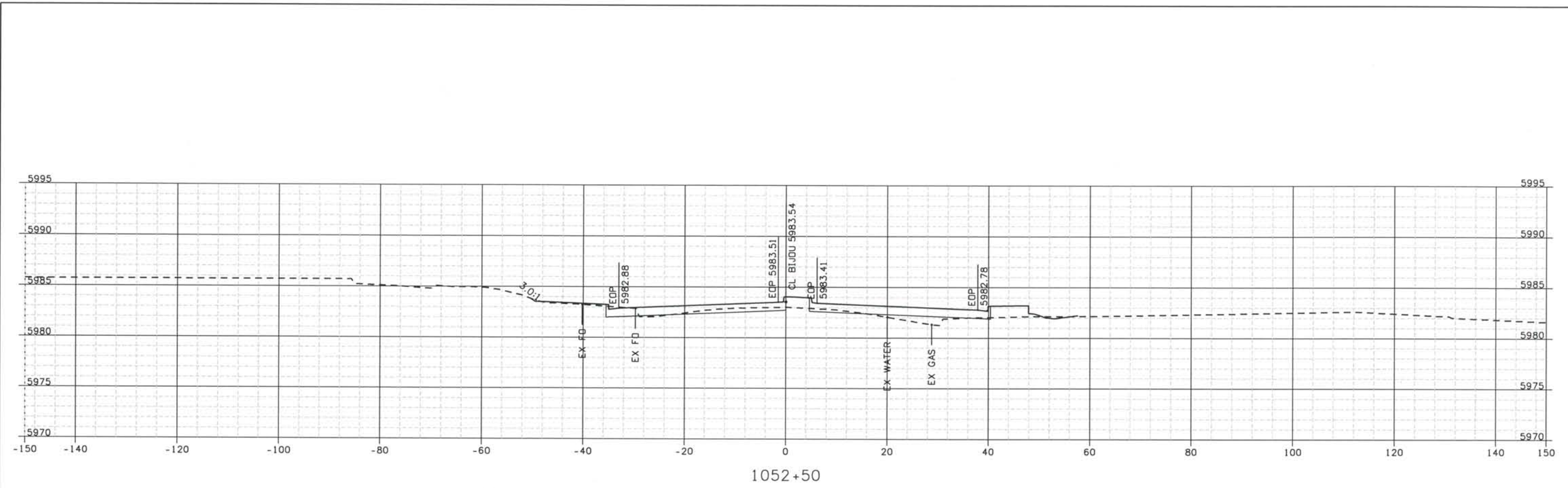
DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X072

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

As-Built
 327504.DS1
 Scale: 20' at 11x17 Units: US Survey Foot



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:06:58 PM
 Plotted By: arlynhurst
 CAD Ver.: MicroStation V8 2004

ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-RDXS-12501.DGN
 Drawing Number: DS1-X073

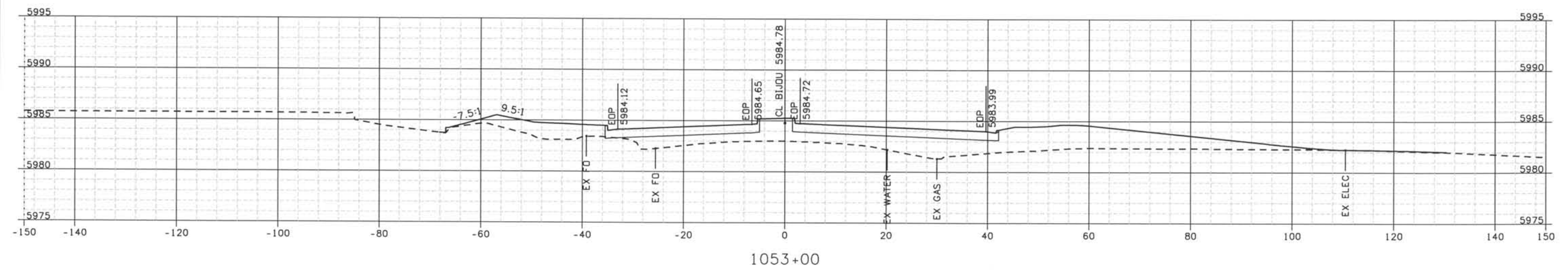
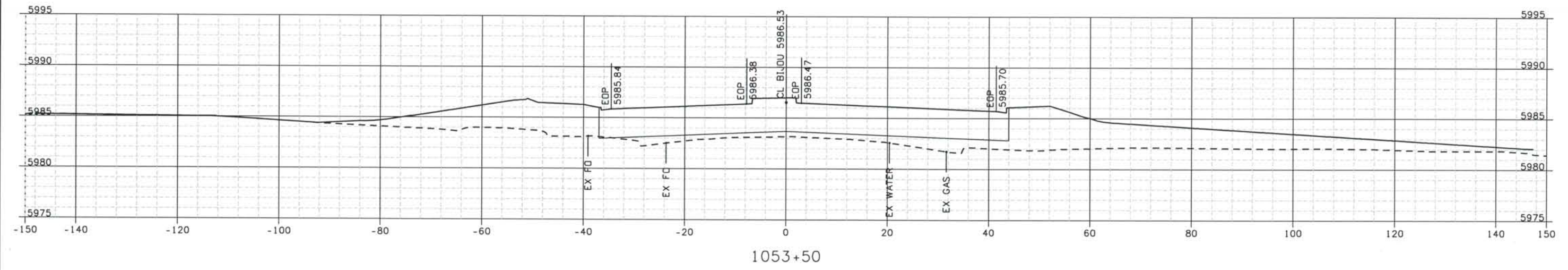
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:06:59 PM
 Plotted By: orlyhurst

As-Built

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

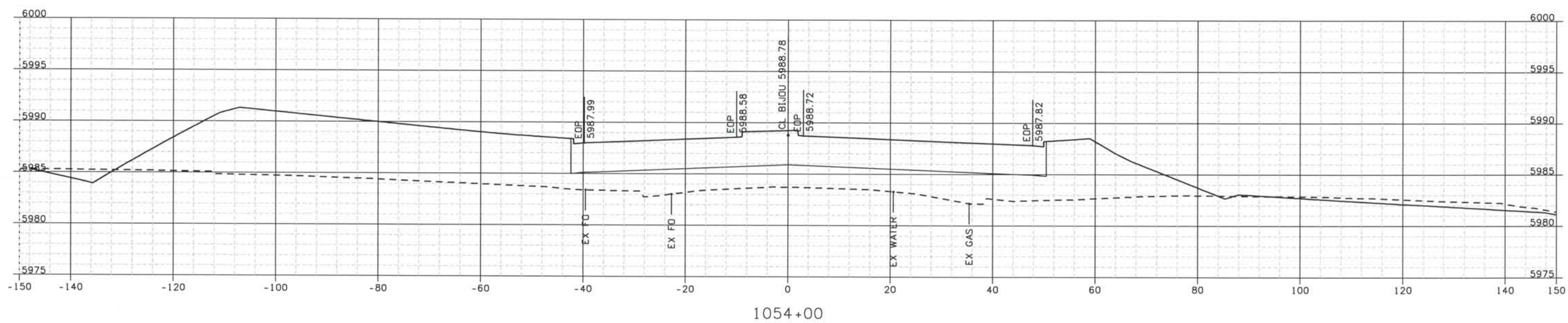
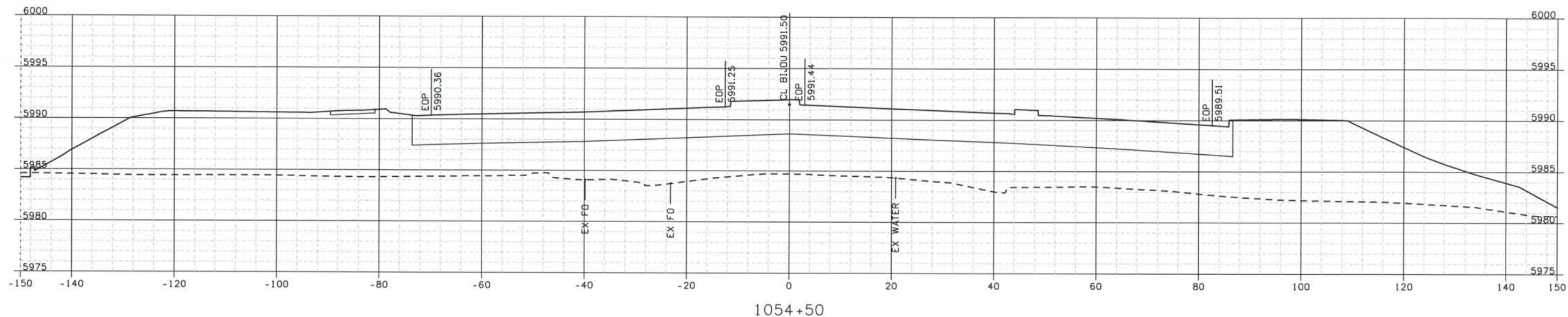
Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-12501.DGN

Drawing Number
 DS1-X074

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:00 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	APPROVED FOR CONSTRUCTION NDC No. 27	04/04/07
3	AS-BUILT PLANS SUBMITTAL	08/15/08

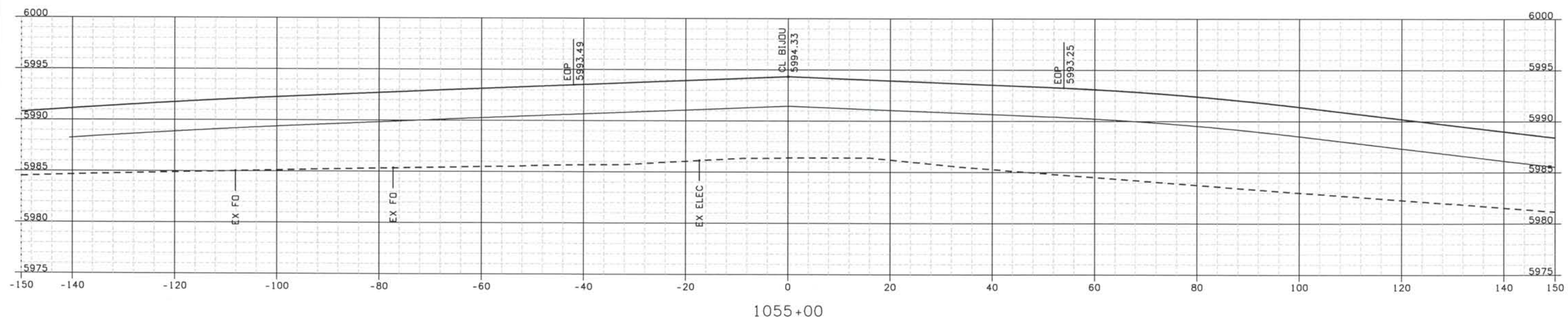
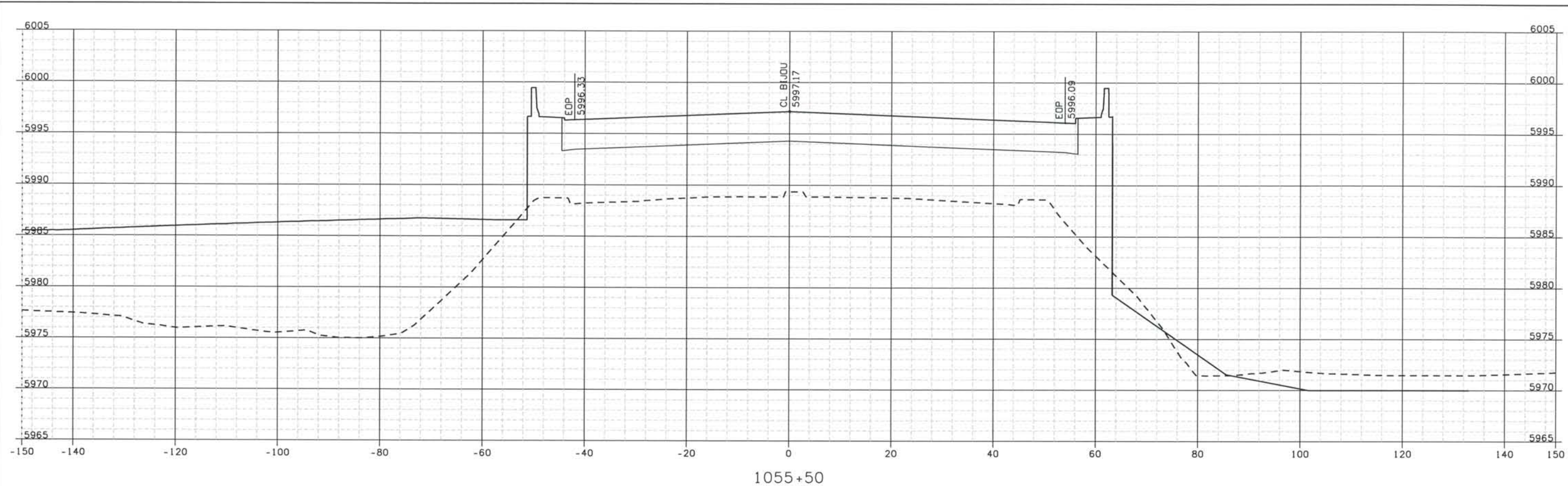


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DSI-RDXS-12501.DGN
 Drawing Number
 DSI-X075

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:02 PM
 Plotted By: arthurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17
 Units: US Survey Foot

As-Built

327504.DSI

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DSI-RDXS-12501.DGN
 Drawing Number
 DSI-X076

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

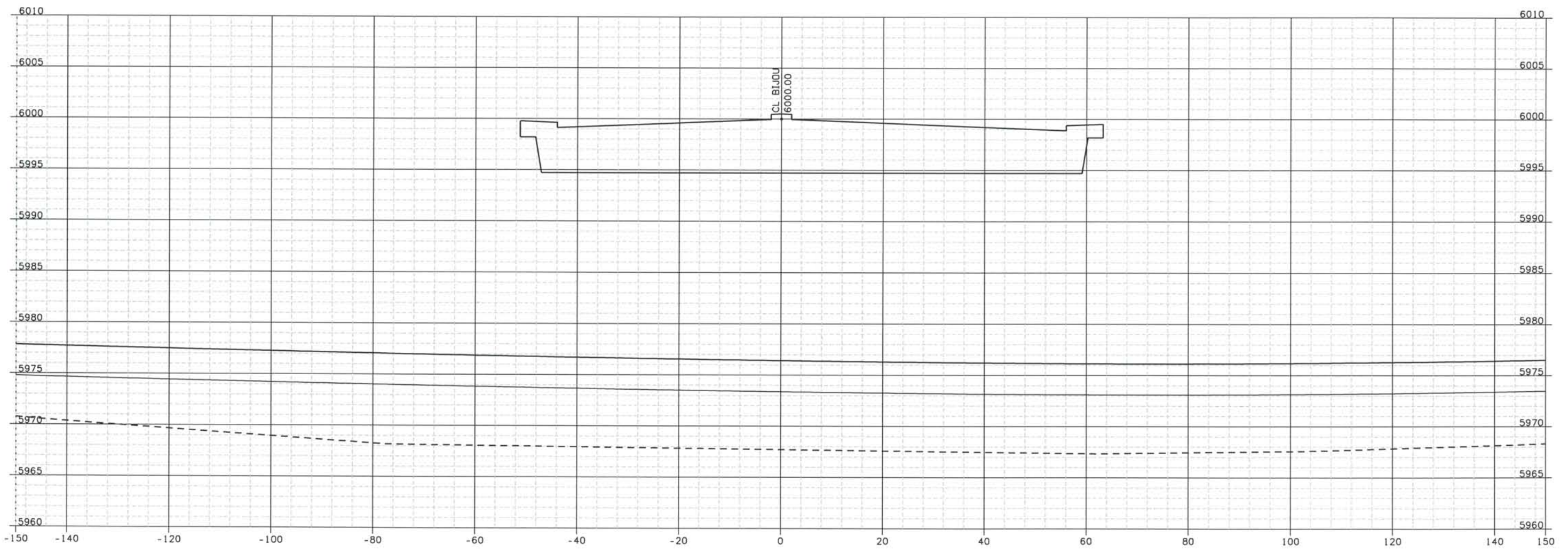
Date Plotted: 9/12/2008
 Time Plotted: 1:07:03 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004

As-Built

327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



1056+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DS1-X077

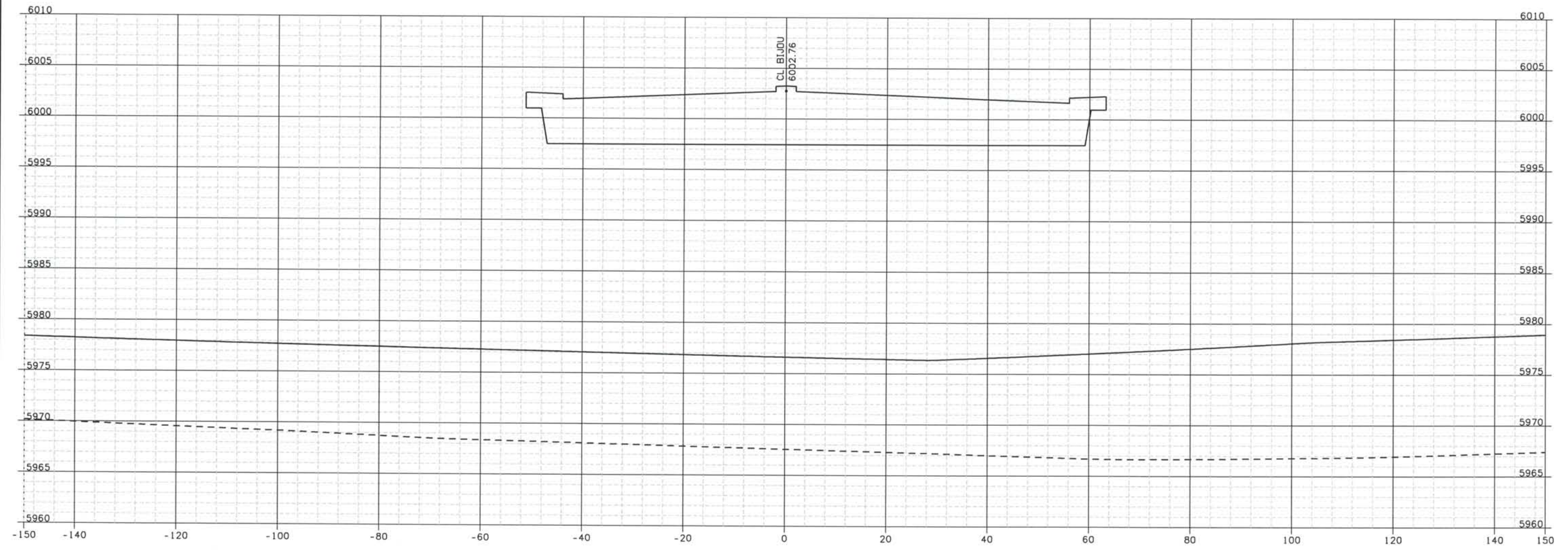
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:04 PM
 Plotted By: oryhurst

As-Built

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT

Scale: 20 at 11x17 Units: US Survey Foot



1056+50

ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	30% DESIGN SUBMITTAL	12/21/05
B	60% DESIGN SUBMITTAL	02/22/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

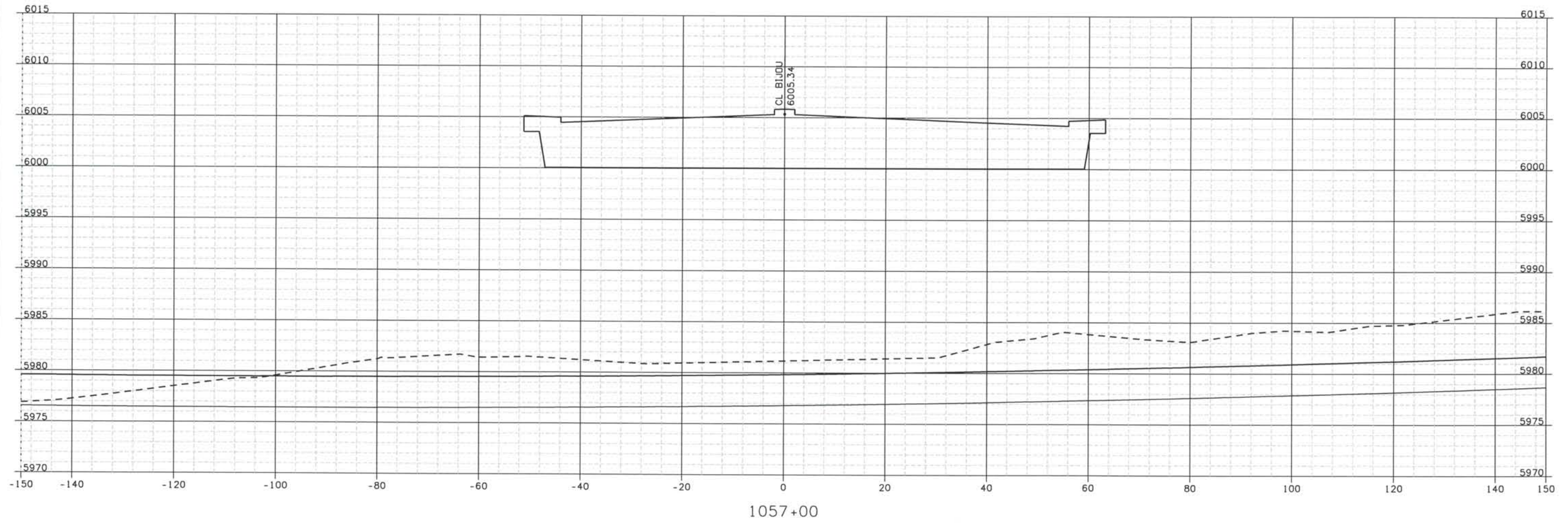
File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DSI-X078

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:07:06 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-RDXS-I2501.DGN
 Drawing Number: DS1-X079

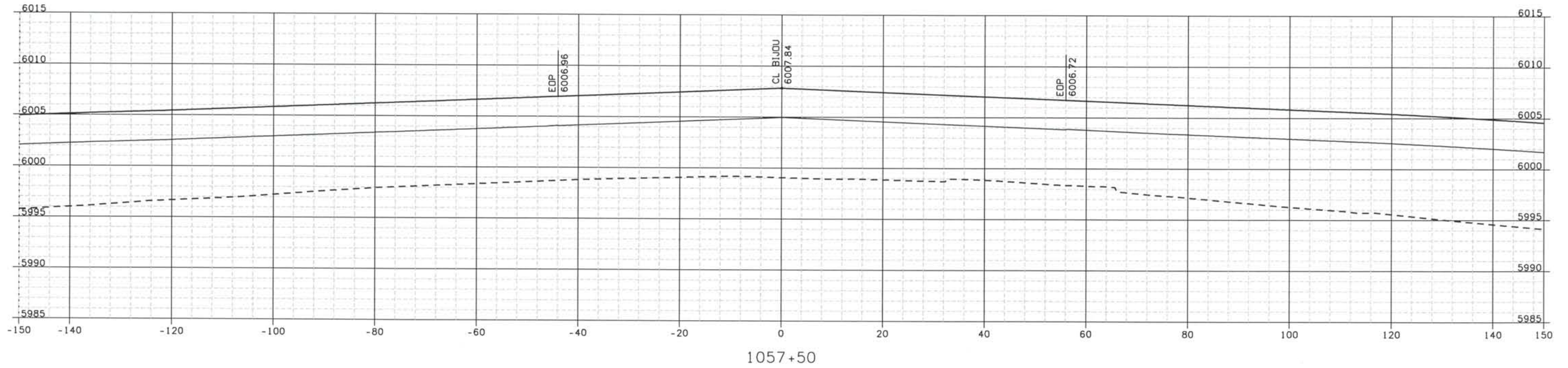
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:07 PM
 Plotted By: oriyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DSI-X080

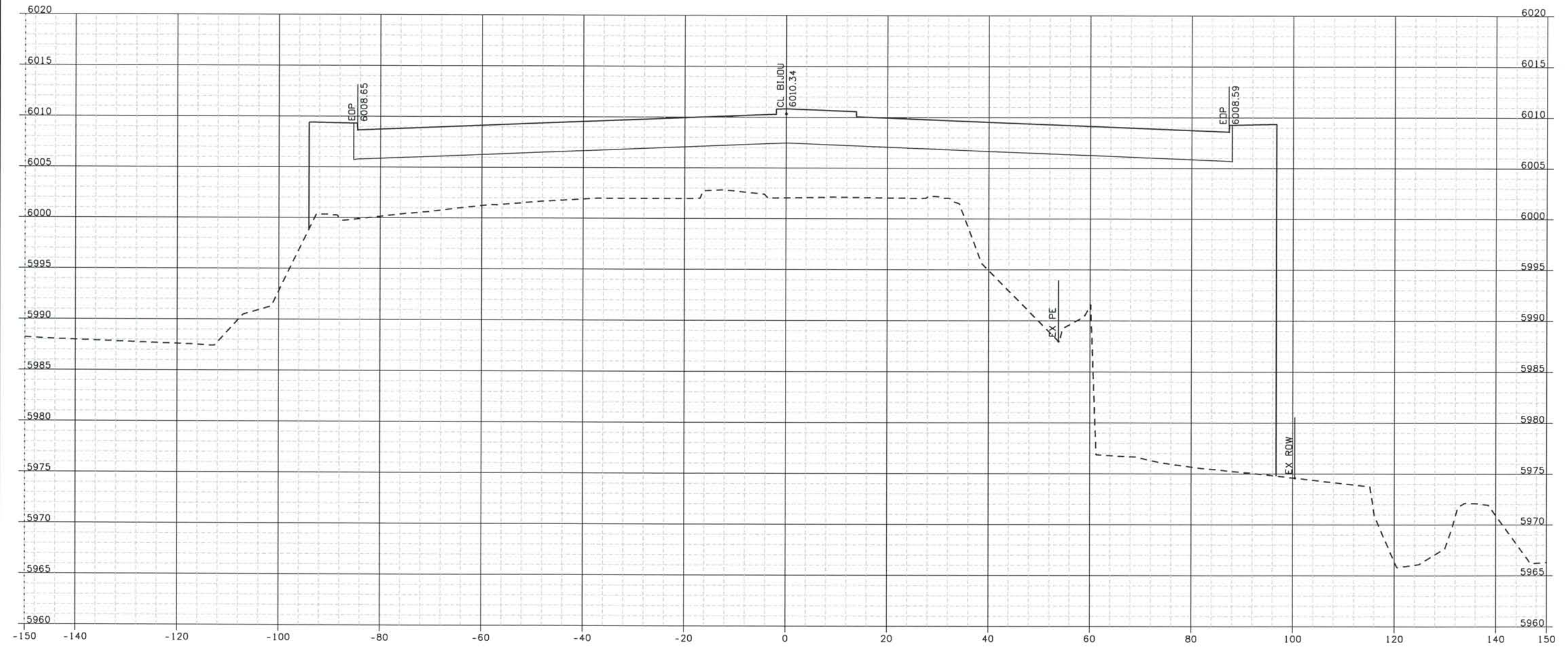
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:08 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAWUTT



1058+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-12501.DGN

Drawing Number
 DS1-X081

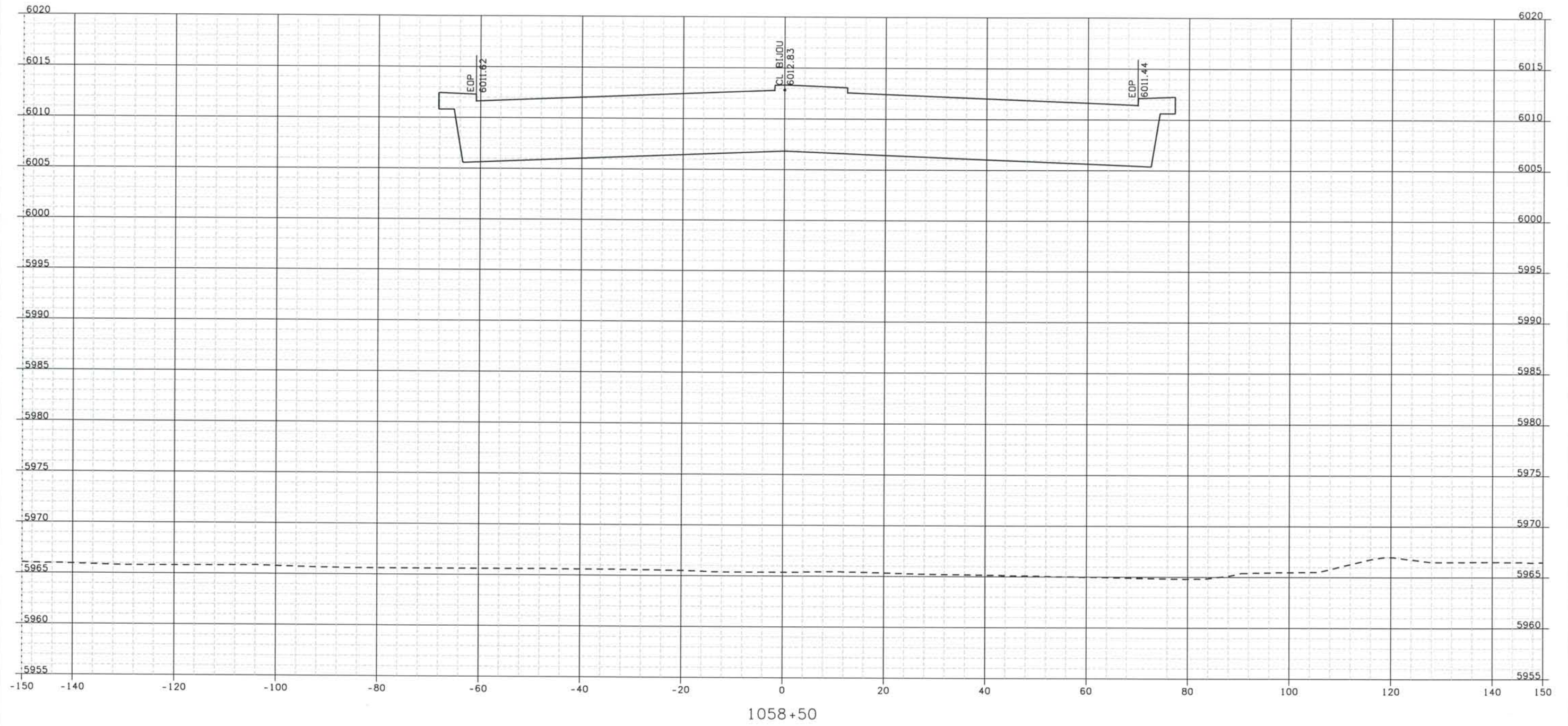
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:09 PM
 Plotted By: oryhurst

As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



1058+50

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DS1-X082

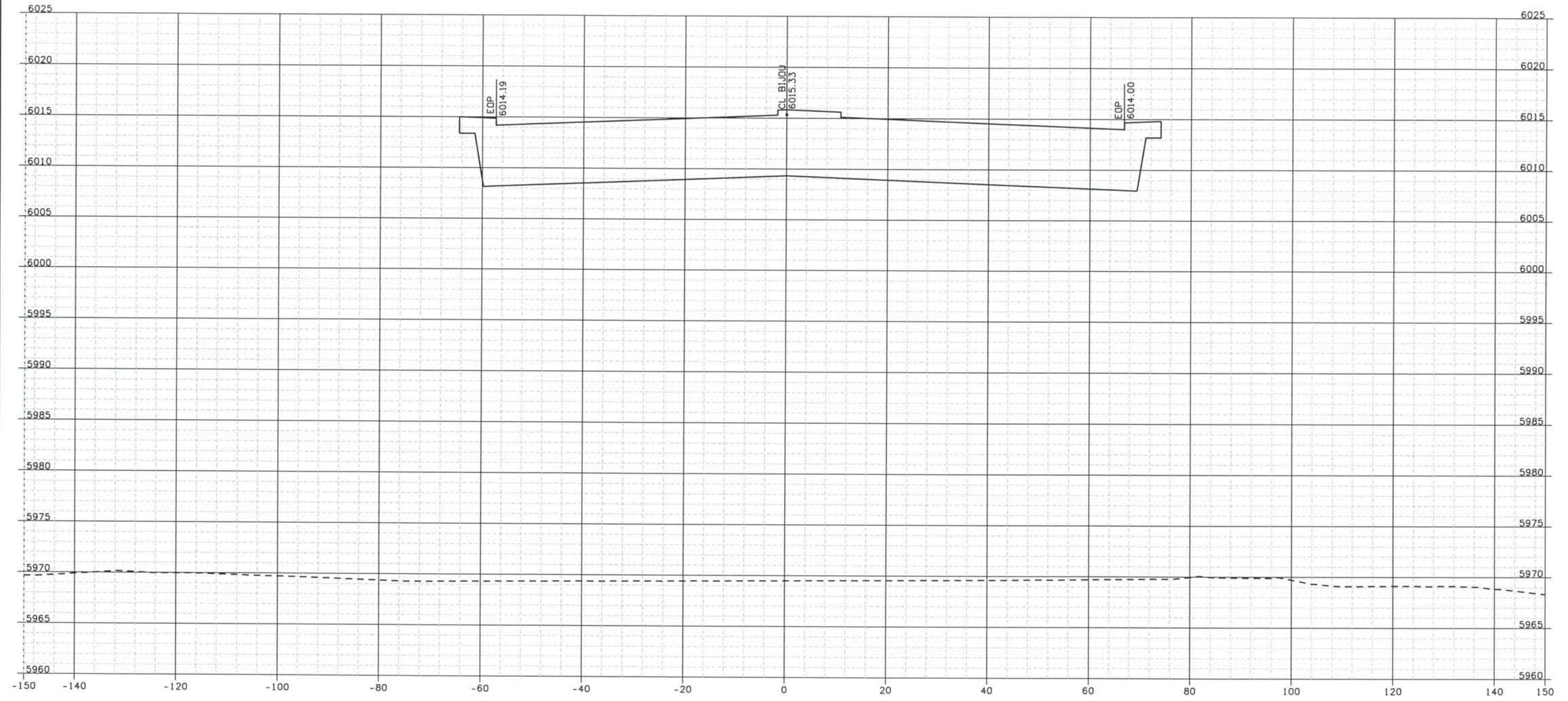
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:11 PM
 Plotted By: oryhurst

As-Built
 327504.DS1

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAWUTT



1059+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-12501.DGN

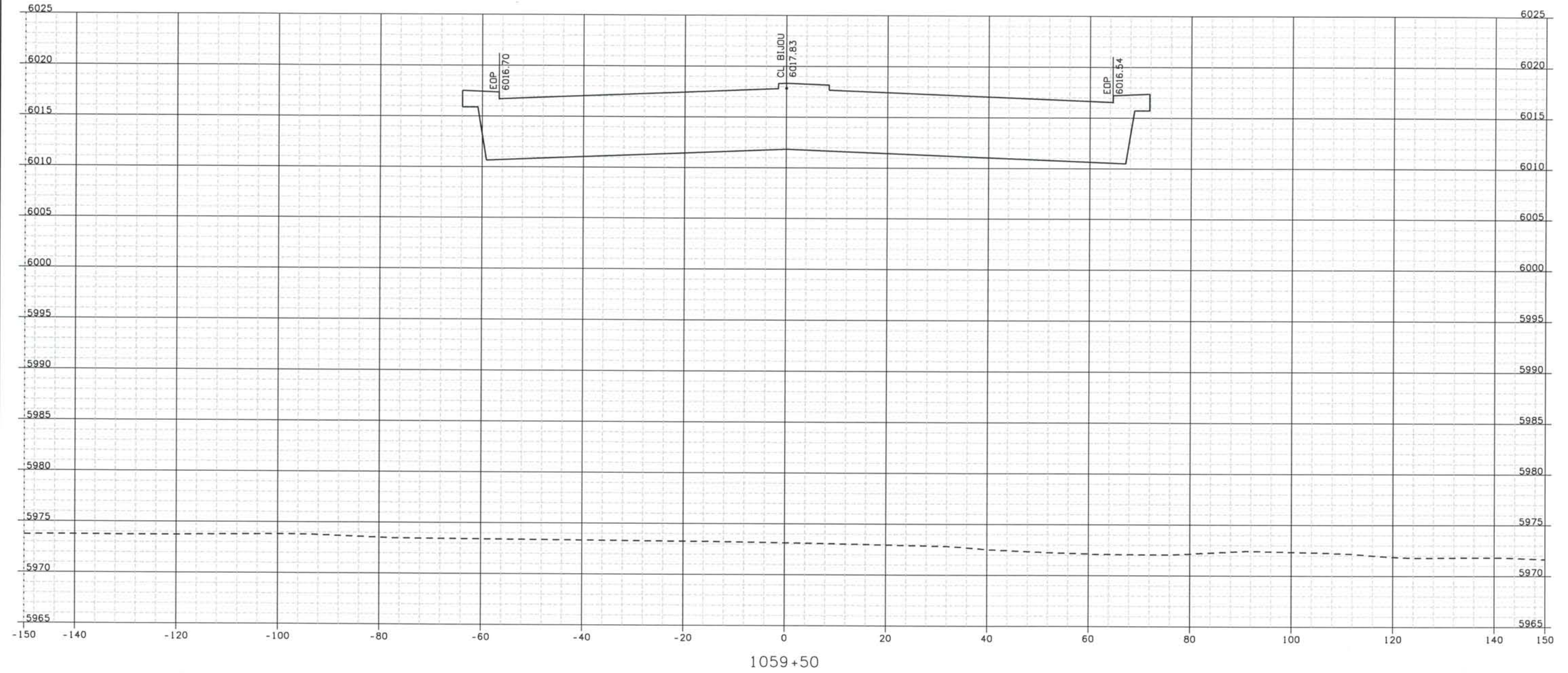
Drawing Number
 DS1-X083

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:12 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DSI-X084

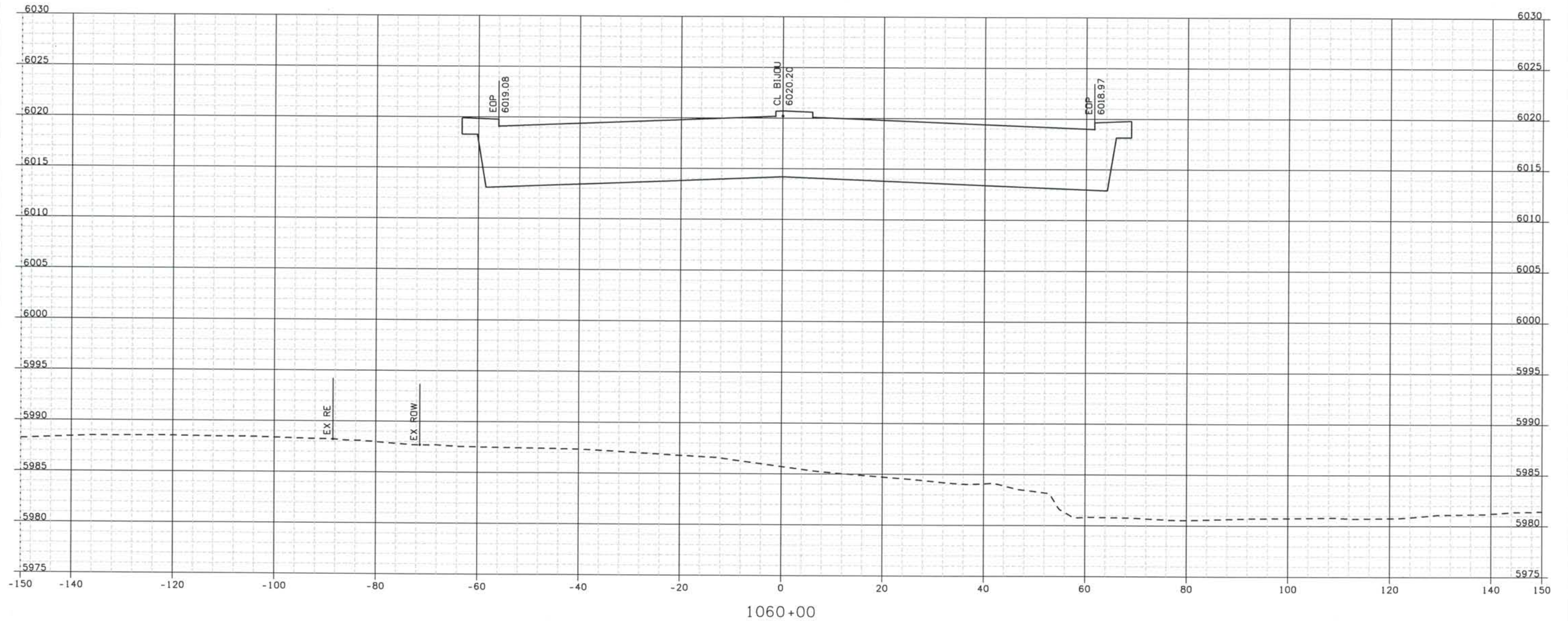
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:14 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DS1-X085

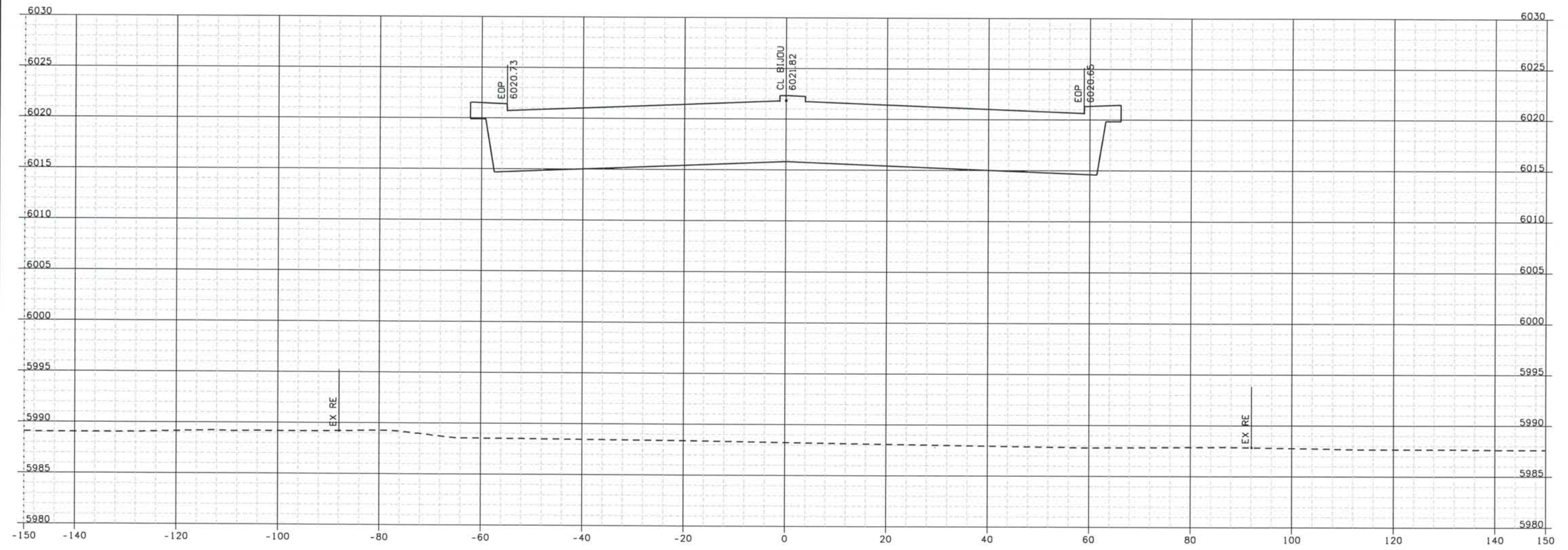
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:15 PM
 Plotted By: oriyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



1060+50

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

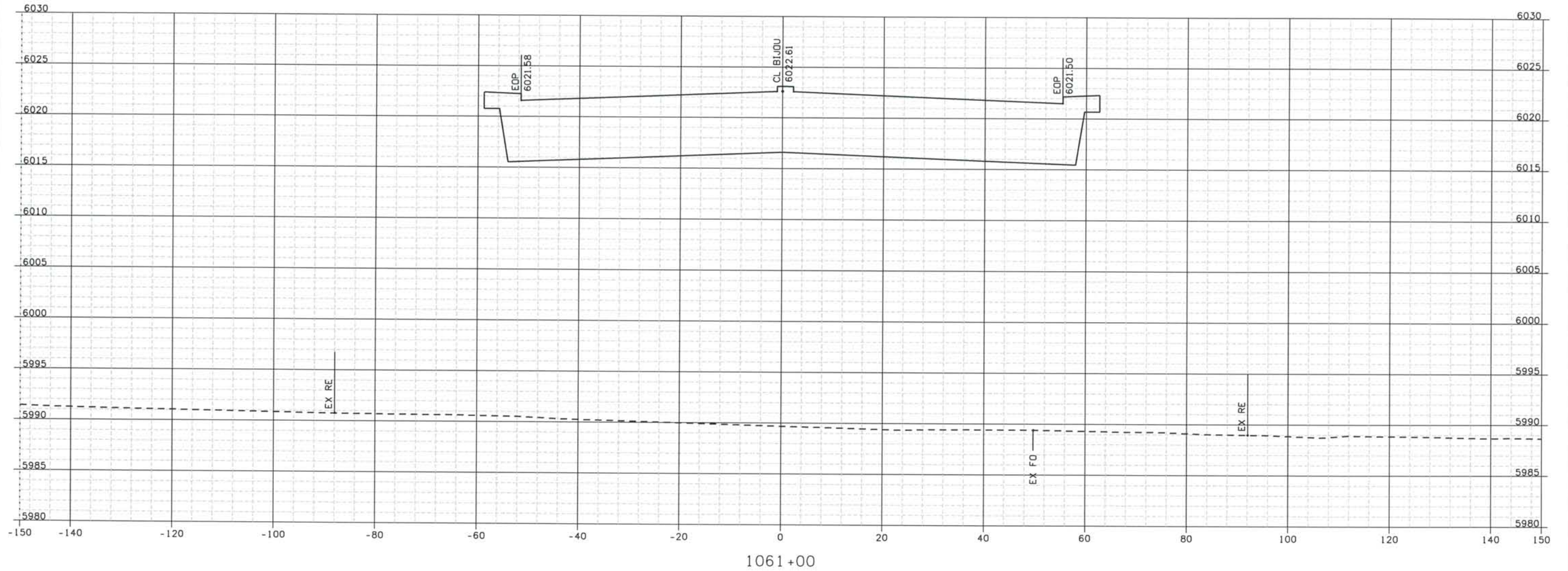
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-I2501.DGN
 Drawing Number DSI-X086

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:16 PM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

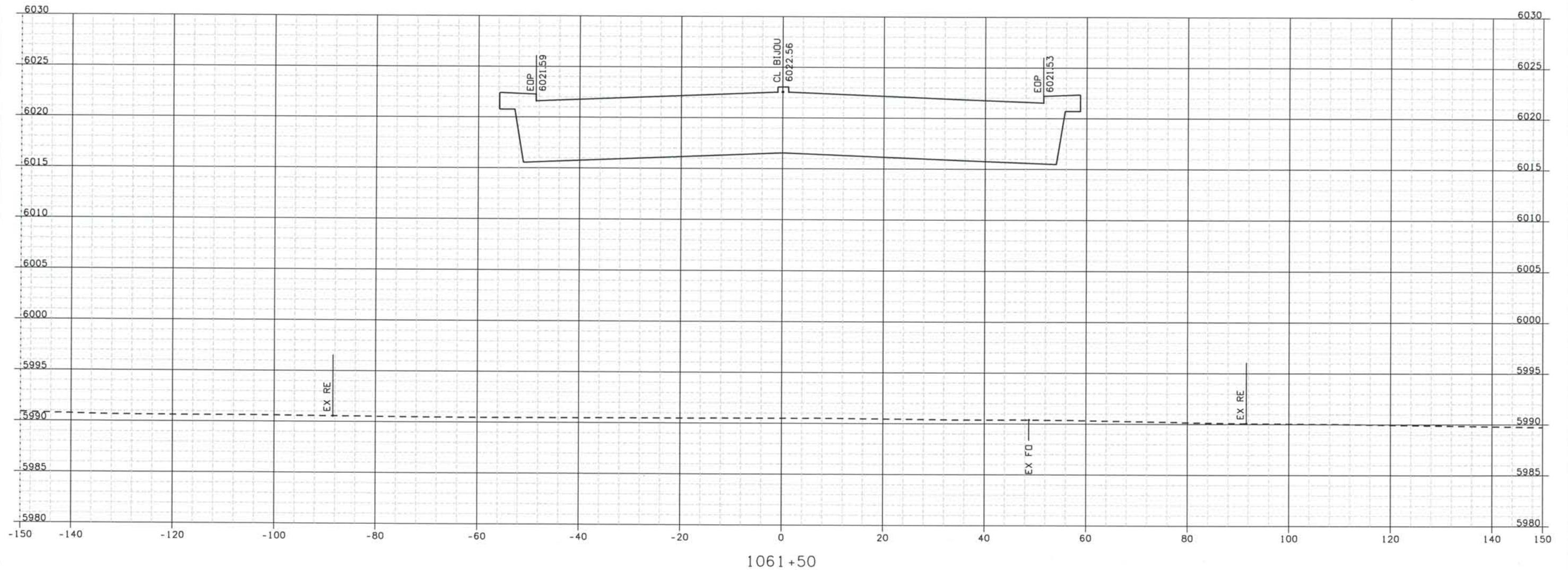


DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-RDXS-12501.DGN
 Drawing Number: DS1-X087

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
BIJOU STREET

Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-I2501.DGN

Drawing Number
DS1-X088

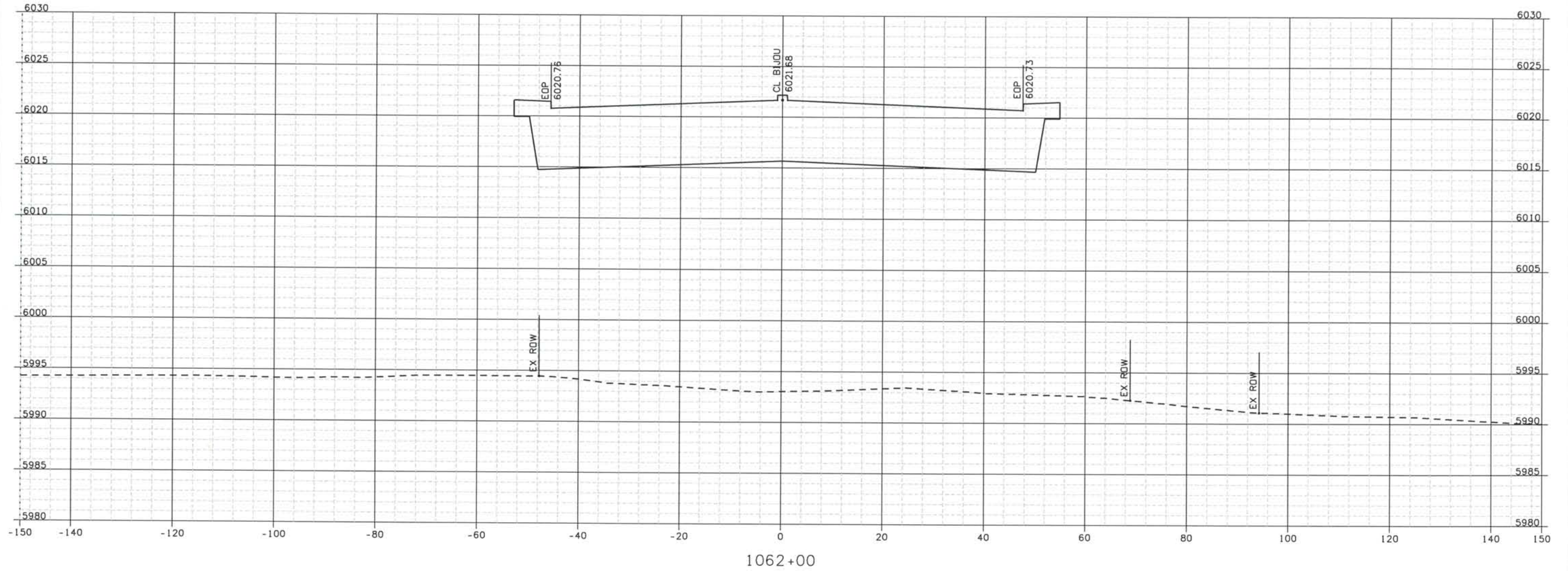
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:19 PM
 Plotted By: artyhurat
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DSI-RDXS-12501.DGN
 Drawing Number
 DSI-X089

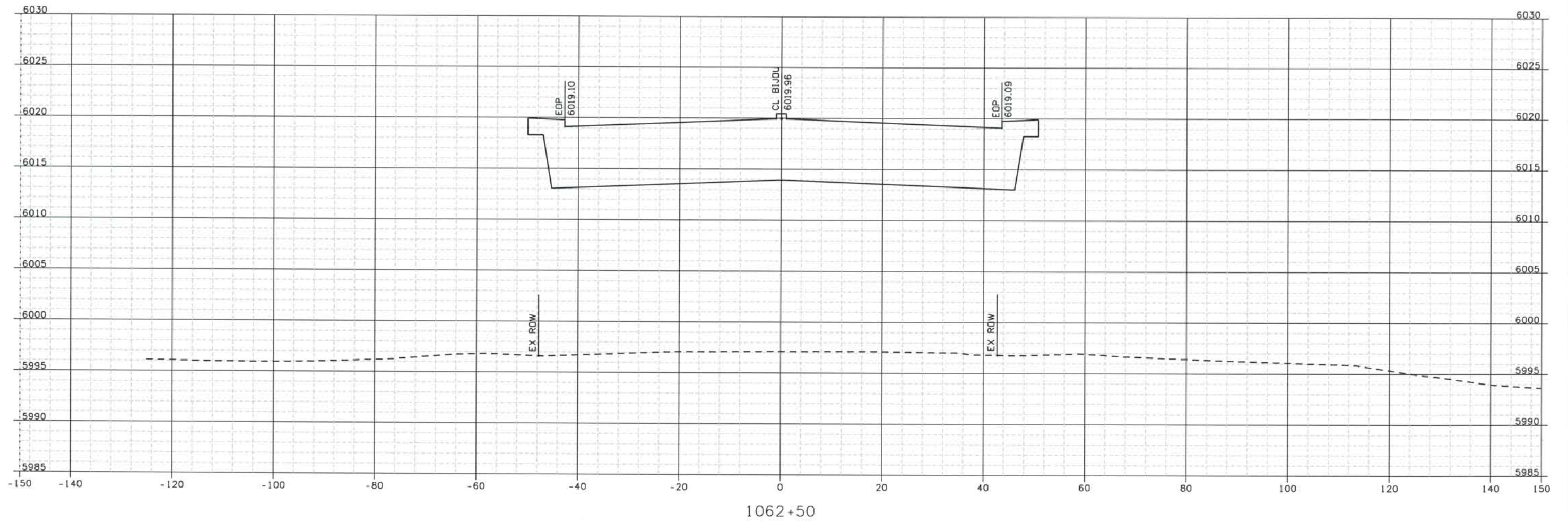
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:20 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DSI-X090

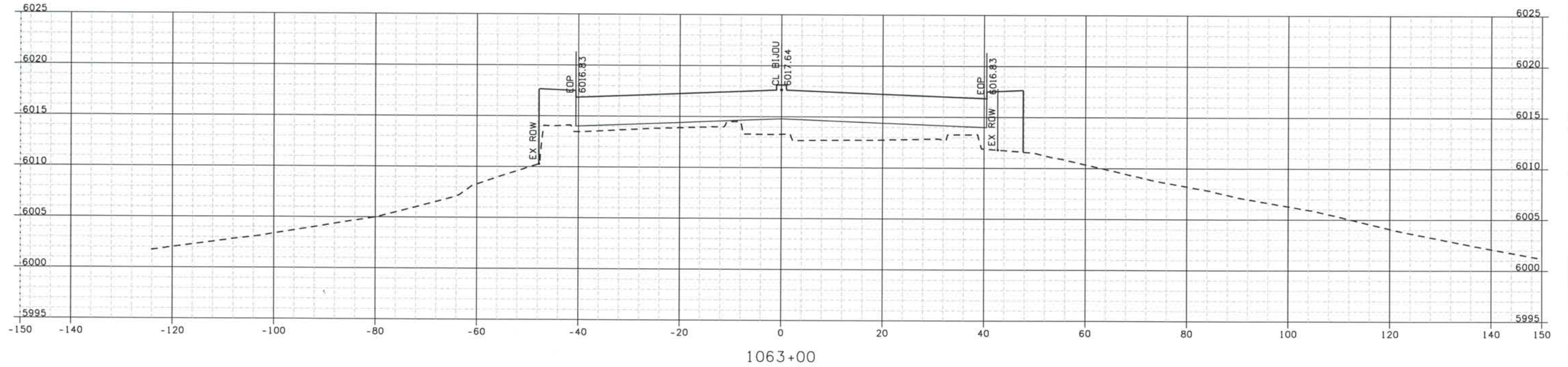
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:21 PM
 Plotted By: oriyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

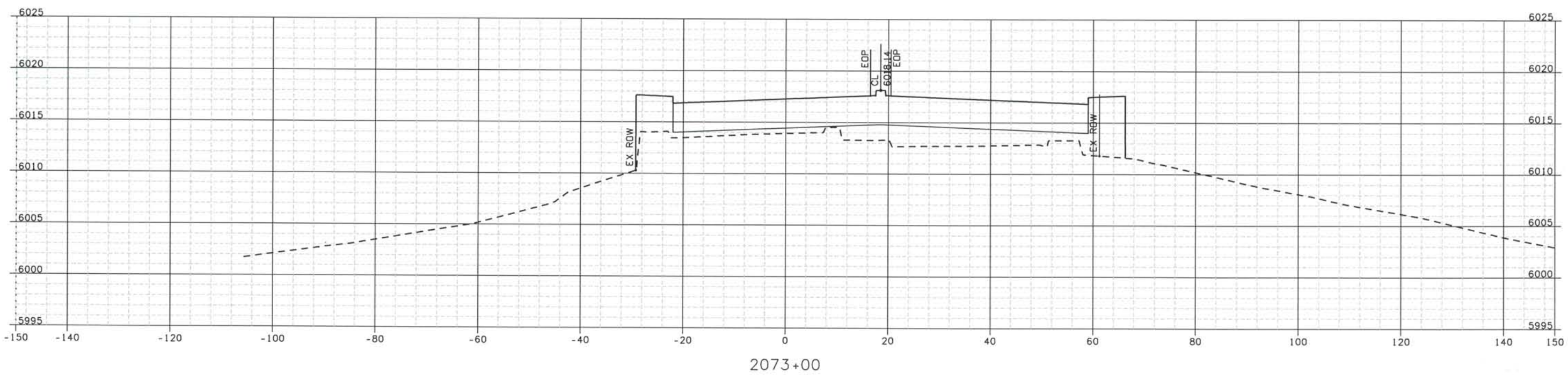
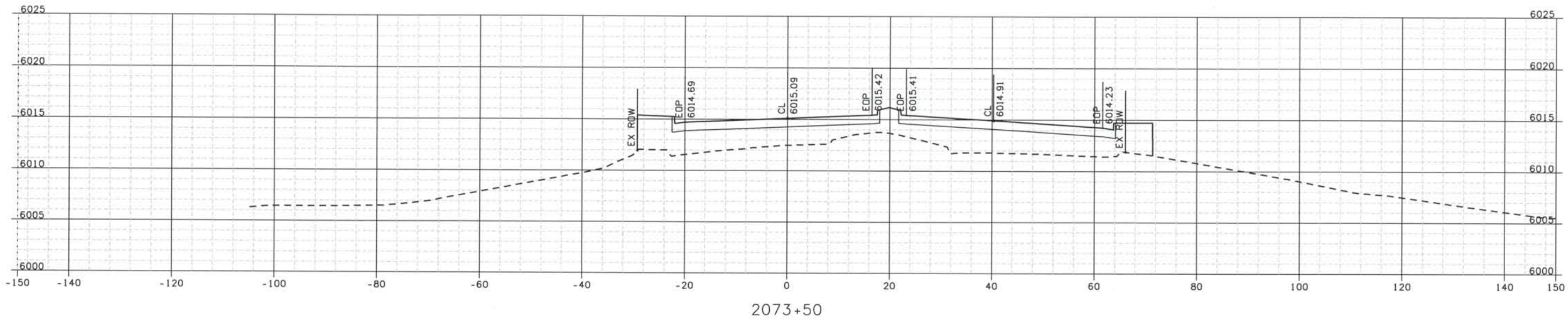


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
BIJOU STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DS1-X091

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:22 PM
 Plotted By: ortyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot

327504.DSI

As-Built

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

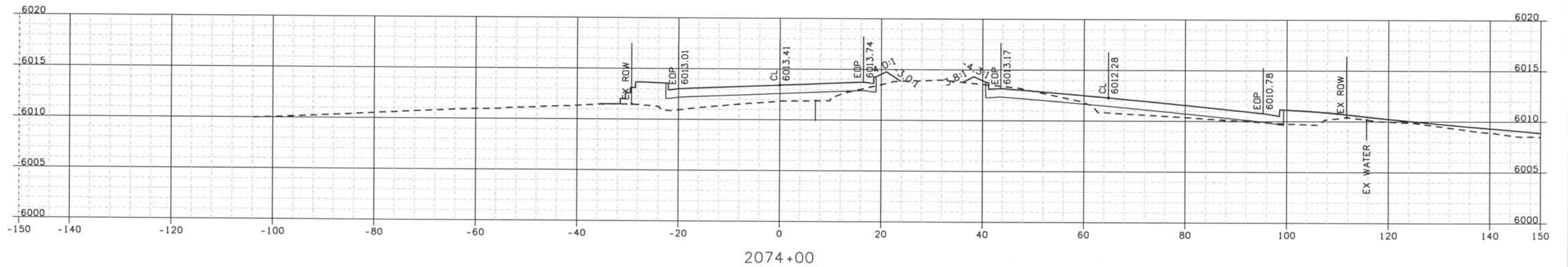
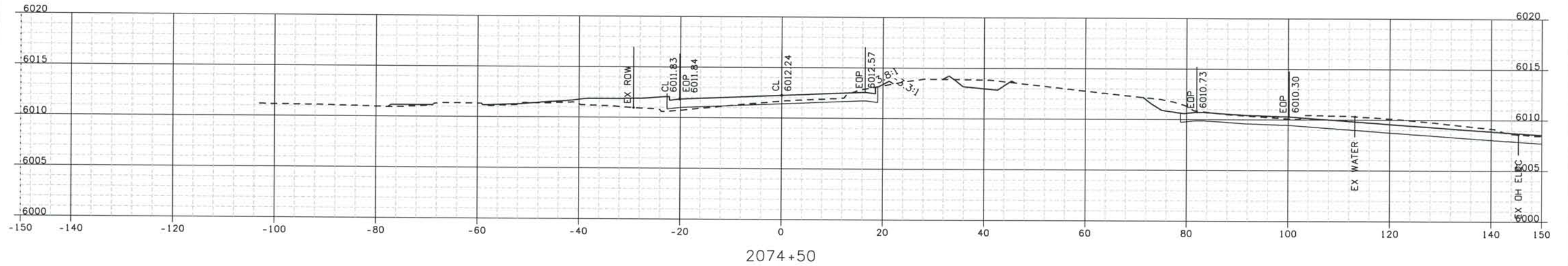


DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS BIJOU EAST

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-RDXS-12501.DGN
 Drawing Number: DS1-X092

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:24 PM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot
 327504.DSI

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



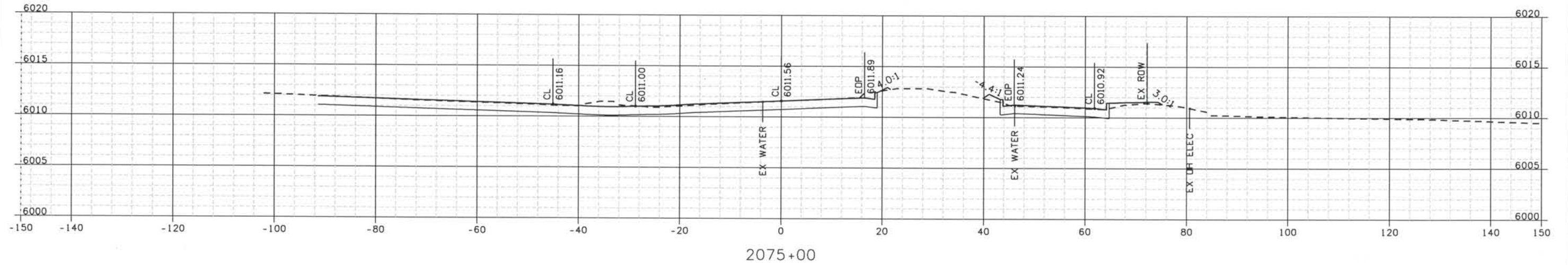
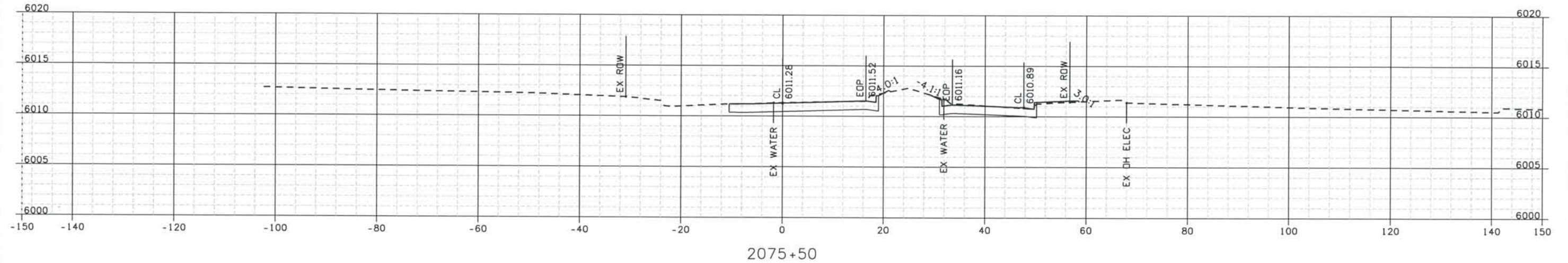
DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS BIJOU EAST

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DSI-X093

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:07:25 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
BIJOU EAST

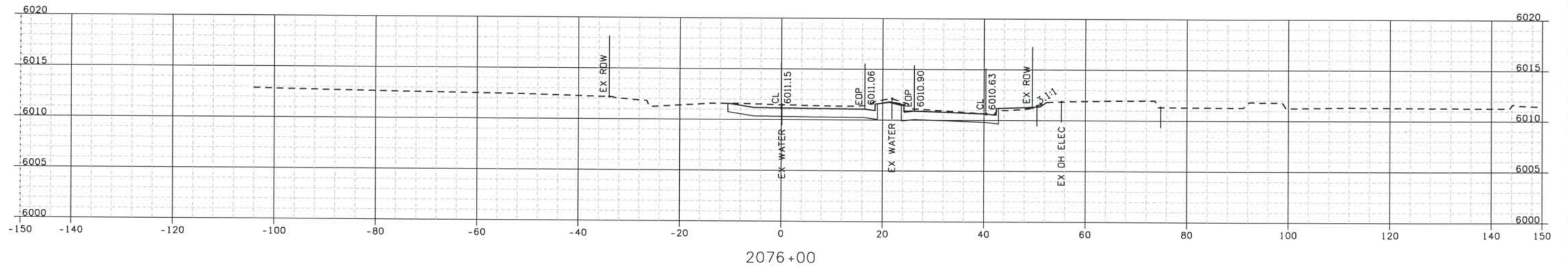
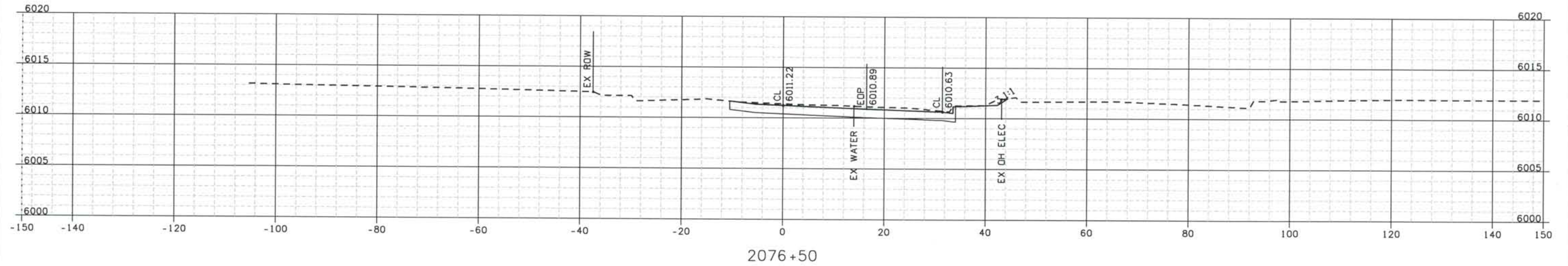
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-RDXS-I2501.DGN
 Drawing Number DS1-X094

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:26 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
M. MILLAGE	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
T. EVERSOLL	2 AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
BIJOU EAST

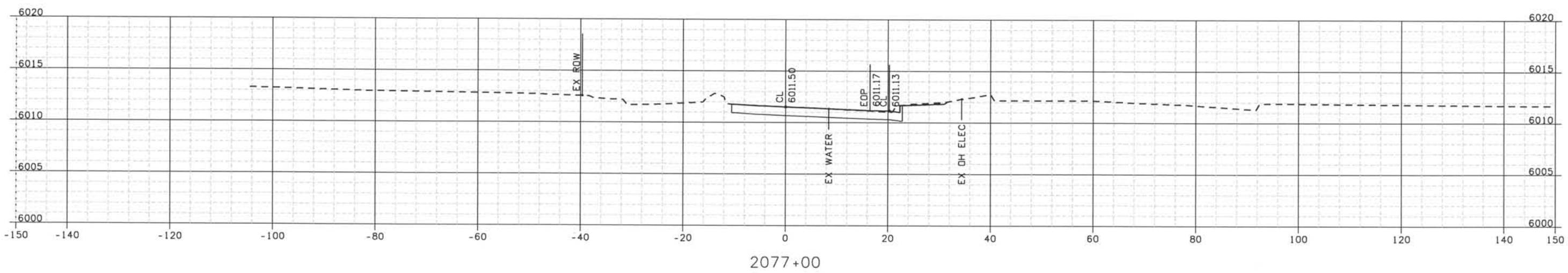
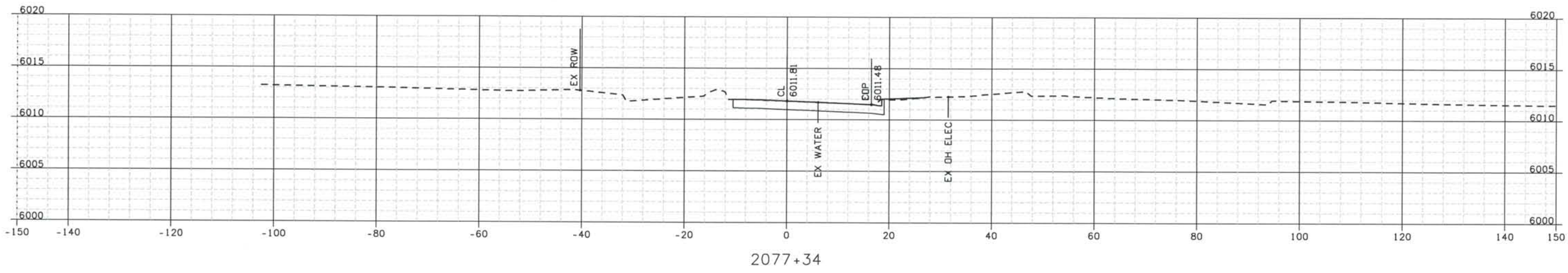
Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-12501.DGN

Drawing Number
DS1-X095

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:07:28 PM
 Plotted By: oryhurst

327504.DSI
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot
 CAD Ver.: MicroStation V8 2004

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

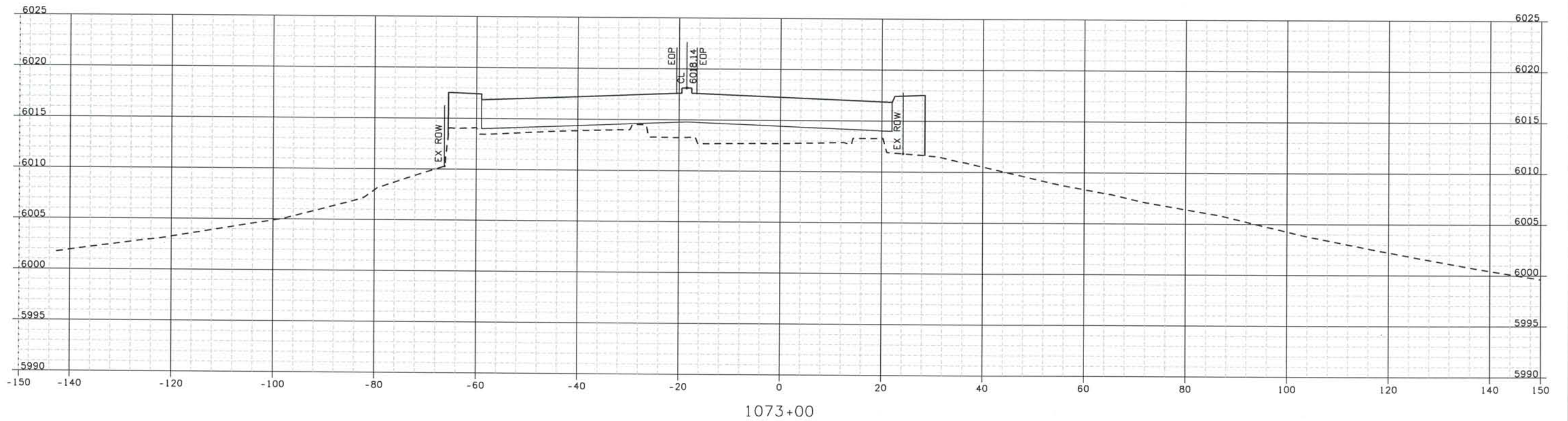
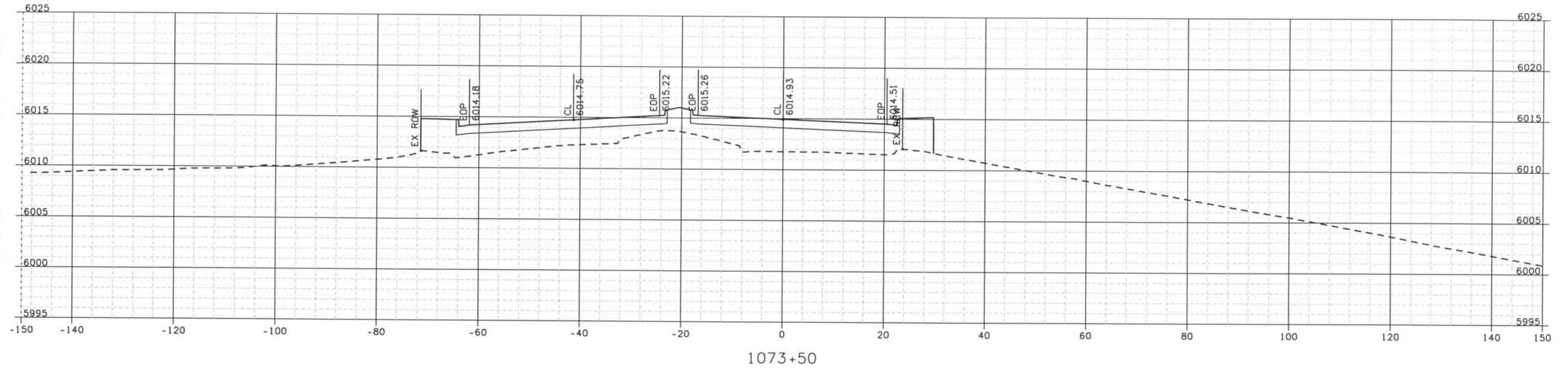


DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS BIJOU EAST

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-12501.DGN
 Drawing Number
 DS1-X096

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:29 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
Checked By:	C	90% DESIGN SUBMITTAL	04/24/06
	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 KIOWA STREET

Project No./Code
 IM 0252-370
 S.A. 14740

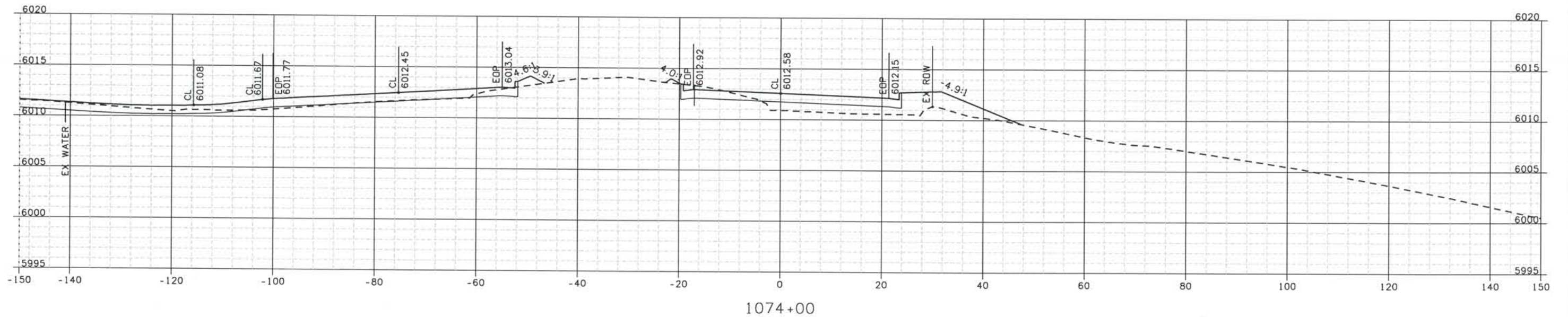
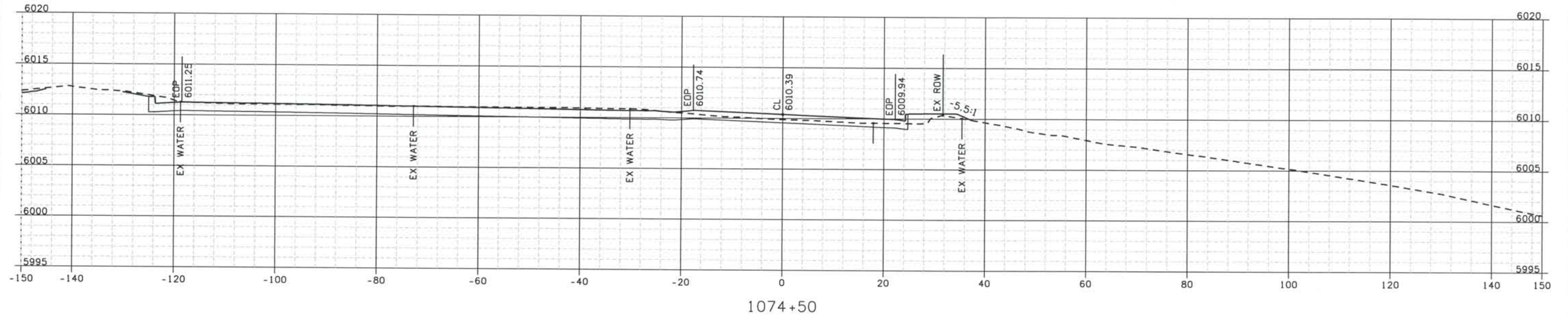
File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DSI-X097

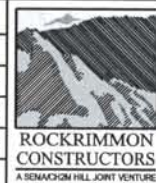
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:07:30 PM
 Plotted By: oriyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

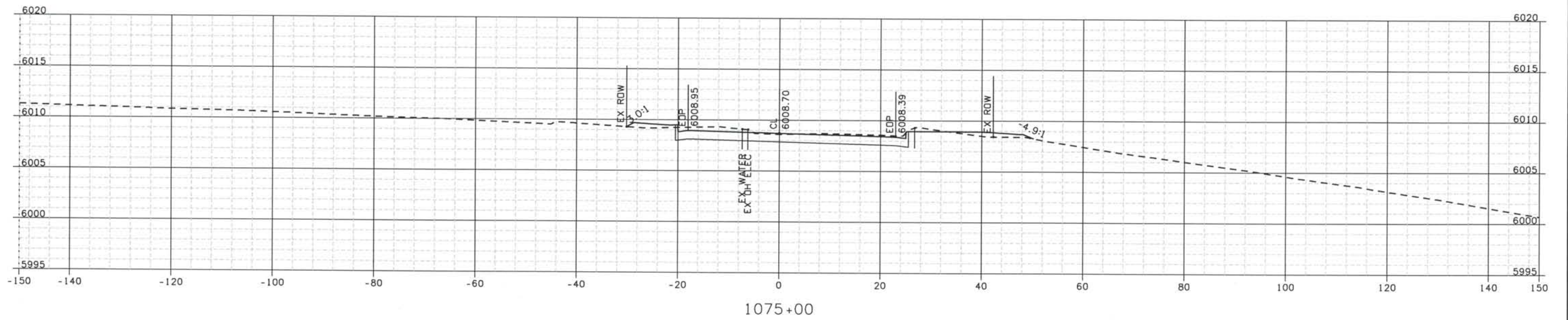
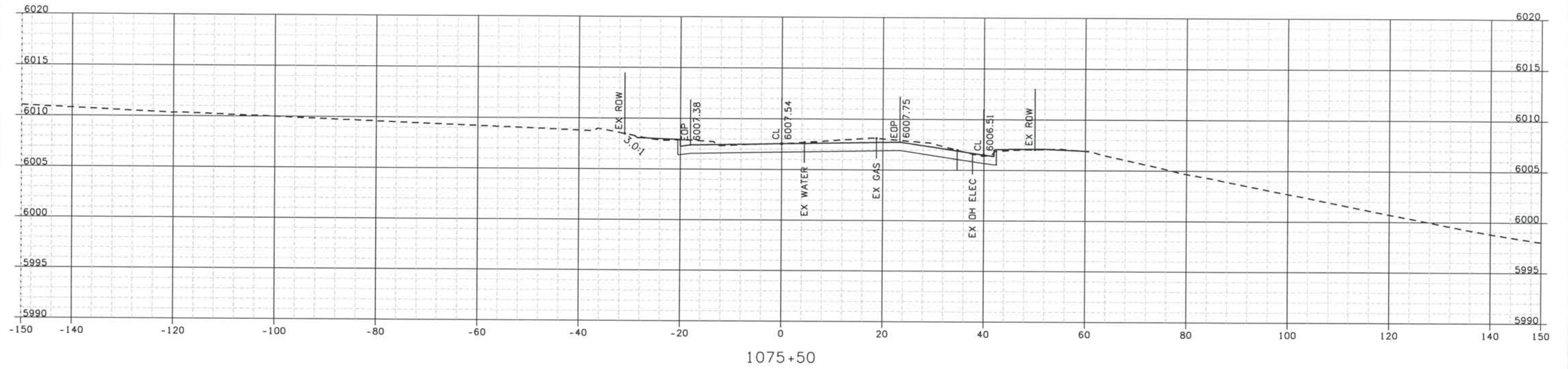


DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS KIOWA STREET

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DSI-RDXS-12501.DGN
 Drawing Number
 DSI-X098

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:32 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
Designed By:	R. HARR		
Detailed By:	B	60% DESIGN SUBMITTAL	02/22/06
	C	90% DESIGN SUBMITTAL	04/24/06
Checked By:	1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 KIOWA STREET

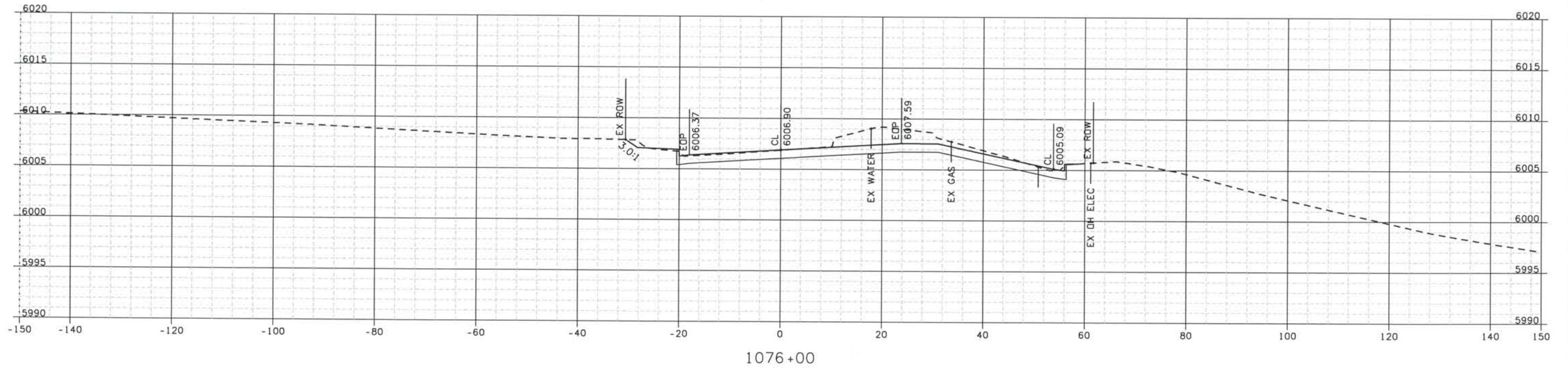
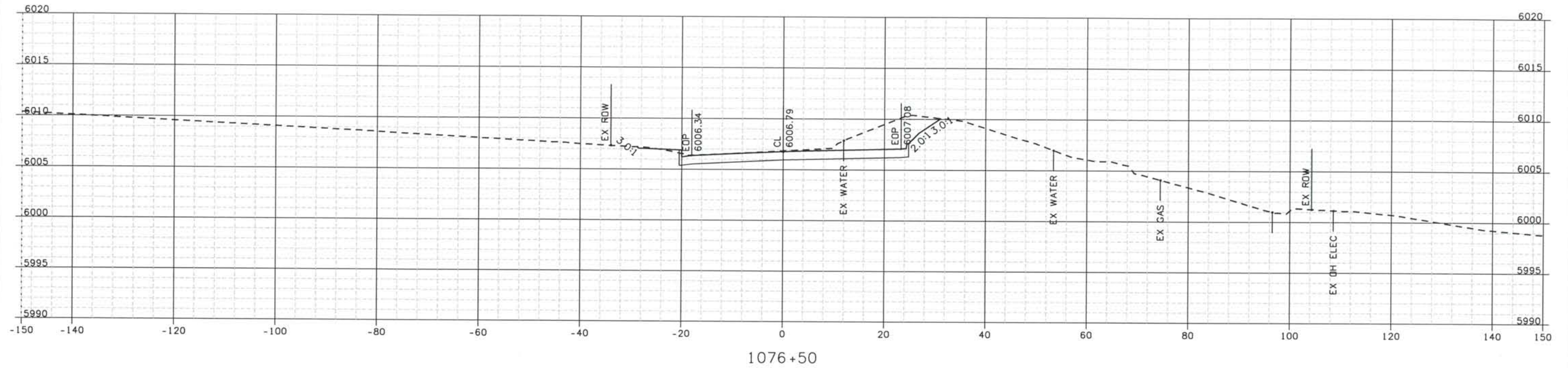
Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-I2501.DGN

Drawing Number
 DS1-X099

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

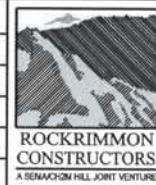
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:33 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 KIOWA STREET

Project No./Code
 IM 0252-370
 S.A. 14740

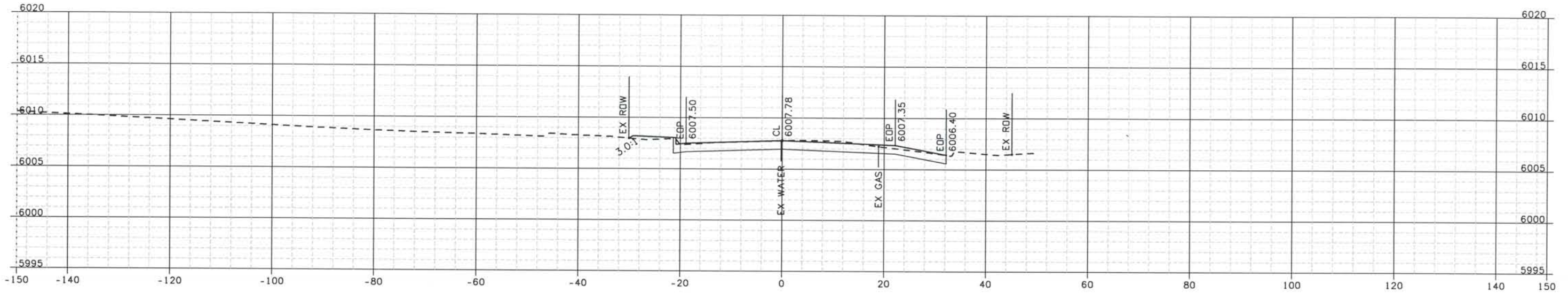
File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DSI-X100

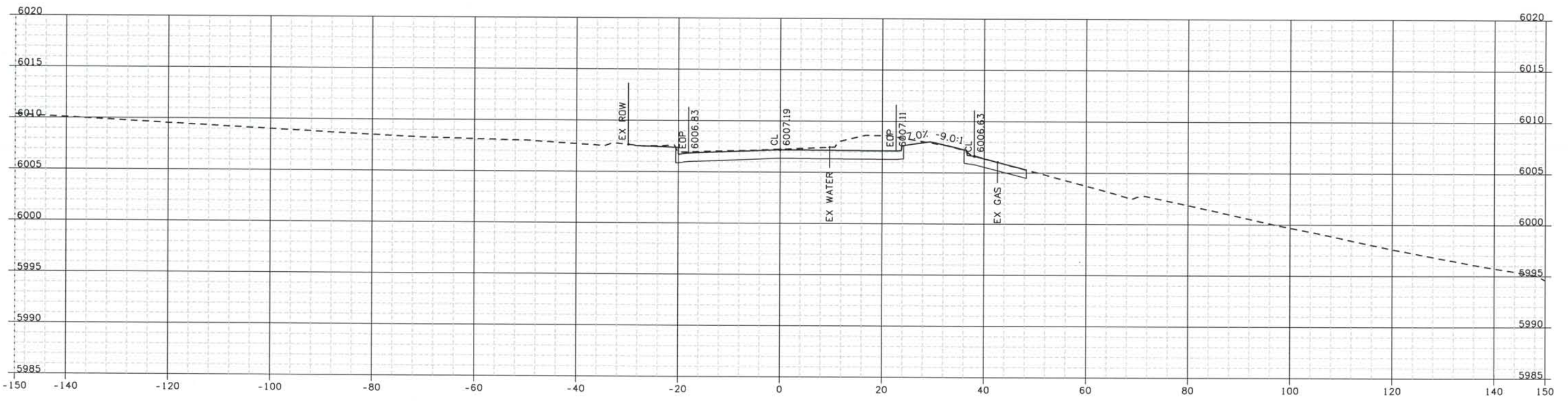
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/12/2008
 Time Plotted: 1:07:35 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



1077+50



1077+00

ISSUE RECORD		
NO.	DESCRIPTION	DATE
Designed By:	R. HARR	
Detailed By:	B 60% DESIGN SUBMITTAL	02/22/06
	C 90% DESIGN SUBMITTAL	04/24/06
Checked By:	1 APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
	2 AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 KIOWA STREET

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-12501.DGN

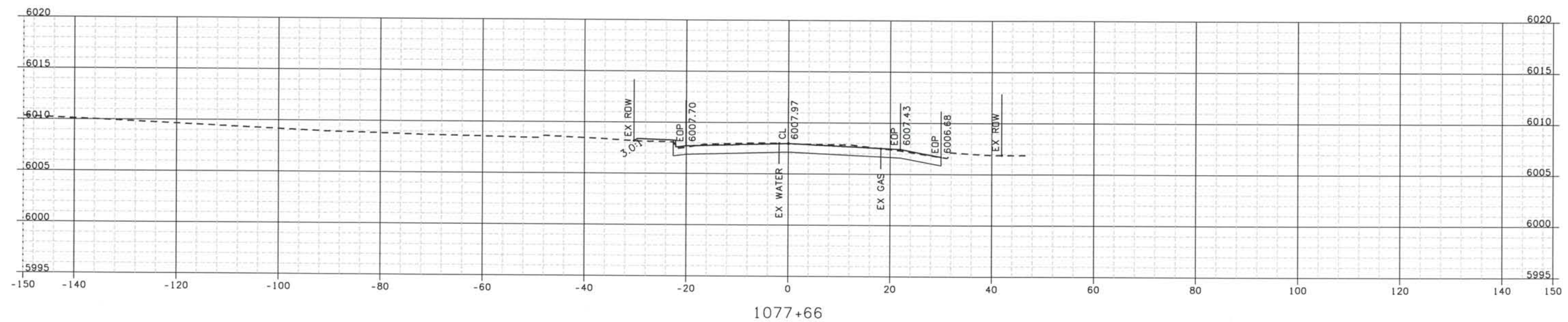
Drawing Number
 DS1-X101

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:36 PM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 KIOWA STREET

Project No./Code
 IM 0252-370
 S.A. 14740

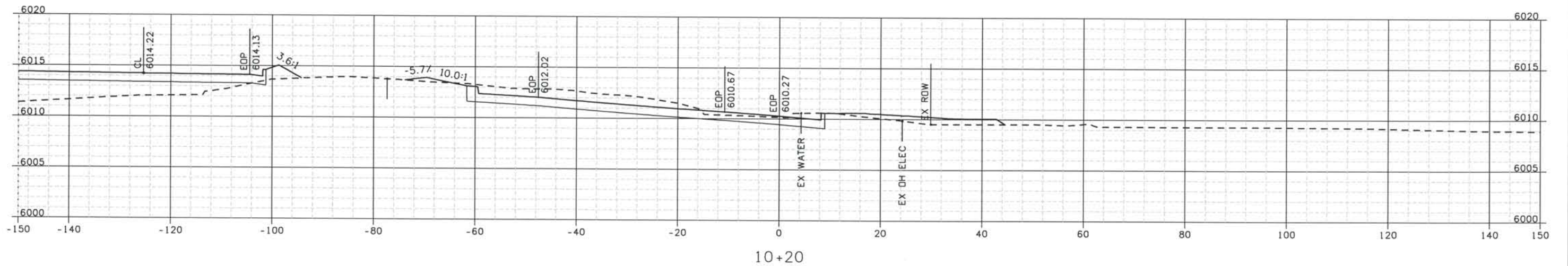
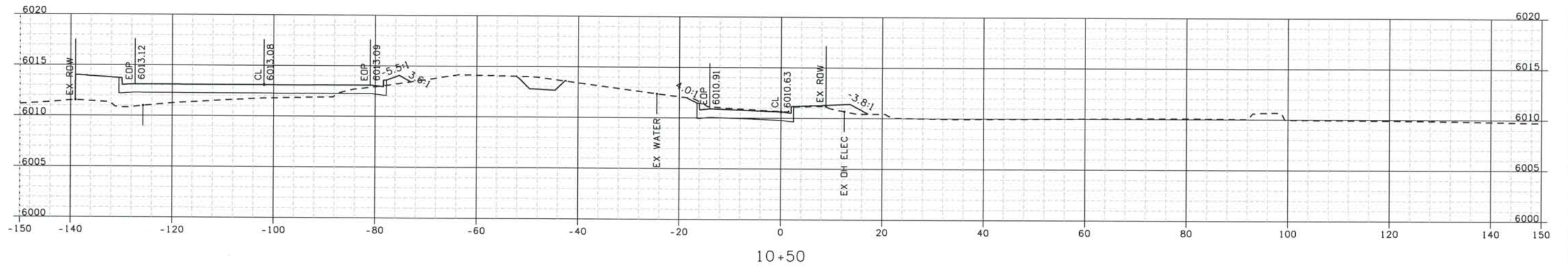
File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DSI-X102

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:07:37 PM
 As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

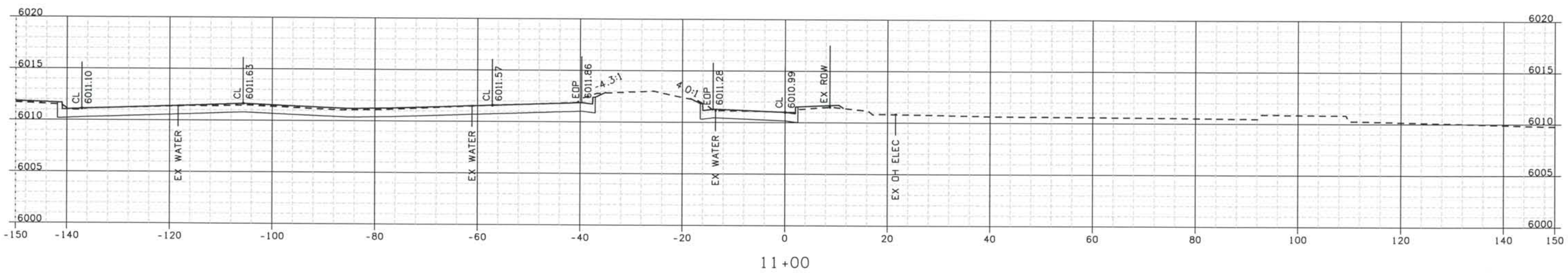
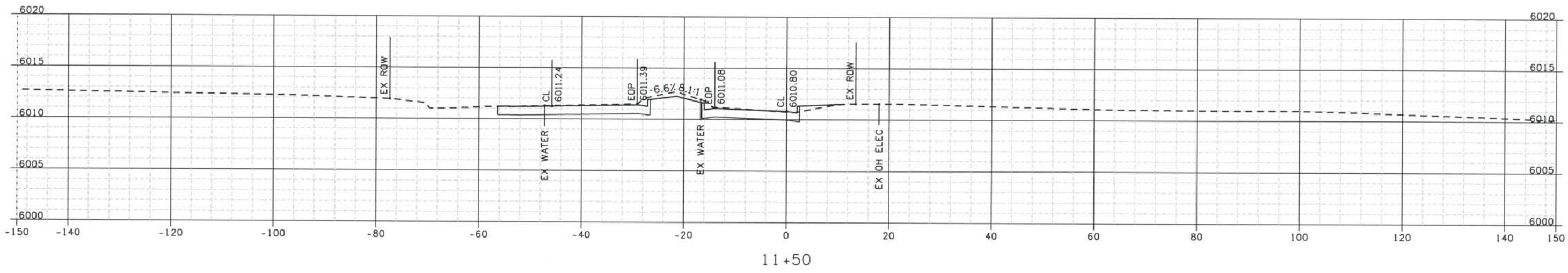


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
KIOWA EAST

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DS1-X103

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information
 Date Plotted: 9/12/2008
 Time Plotted: 1:07:38 PM
 Plotted By: oryhurst

327504.DS1
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot
 CAD Ver.: MicroStation V8 2004

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

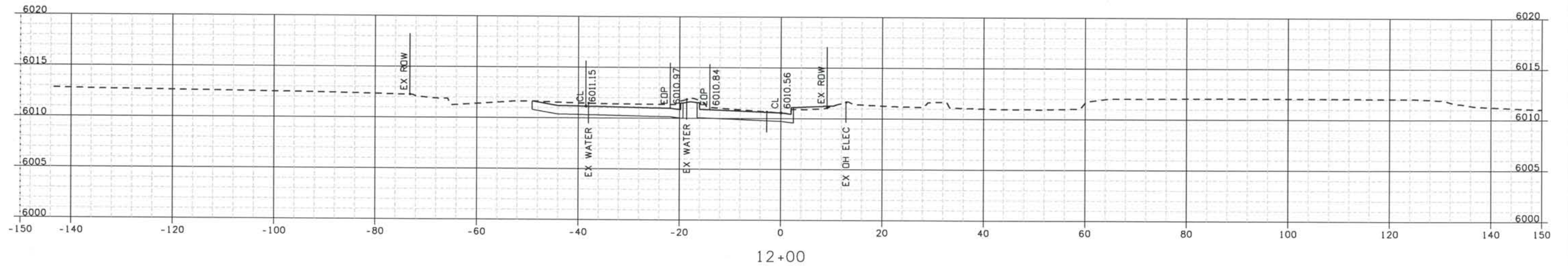
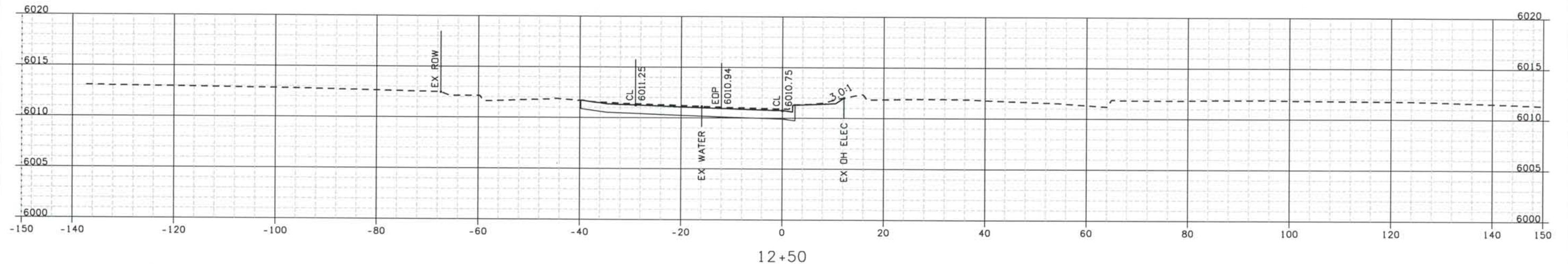


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
KIOWA EAST

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-I2501.DGN
 Drawing Number
 DS1-X104

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
KIOWA EAST

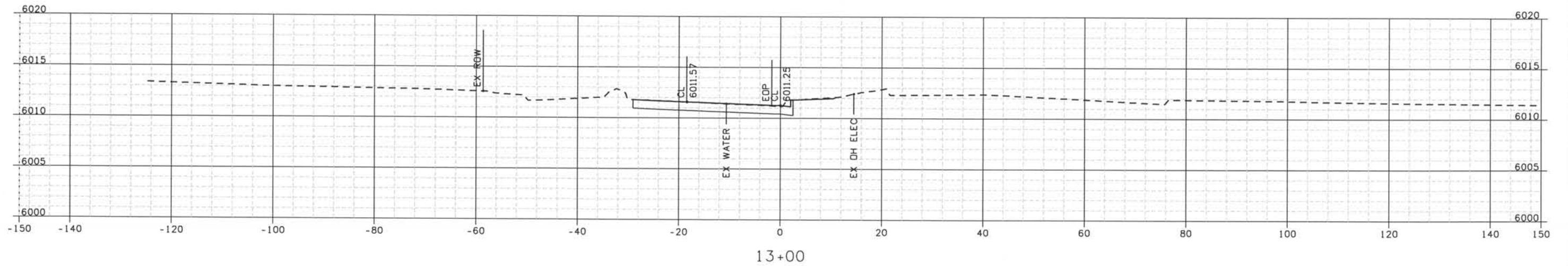
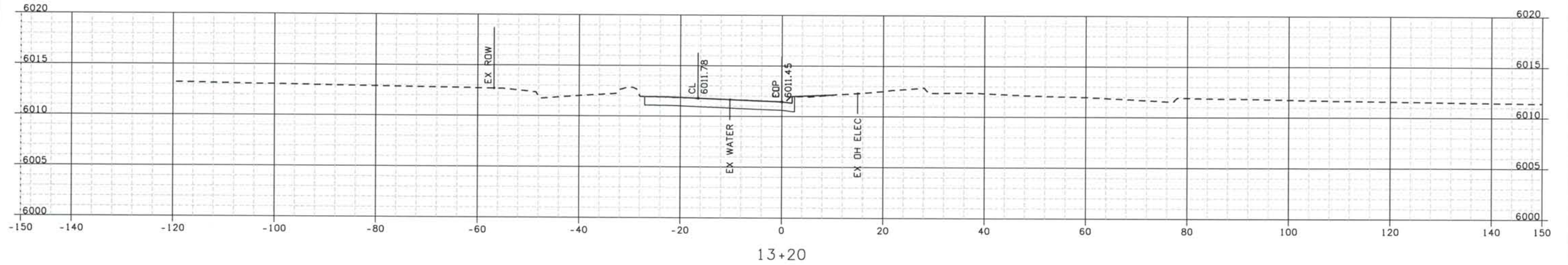
Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-12501.DGN

Drawing Number
DS1-X105

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY
TIMOTHY D. EVERSOLL
COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:41 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
KIOWA EAST

Project No./Code
IM 0252-370
S.A. 14740

File Name
DS1-RDXS-12501.DGN

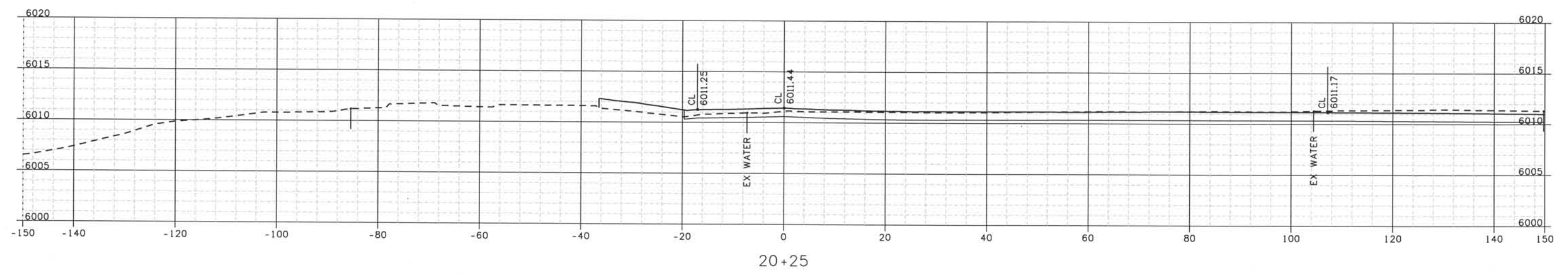
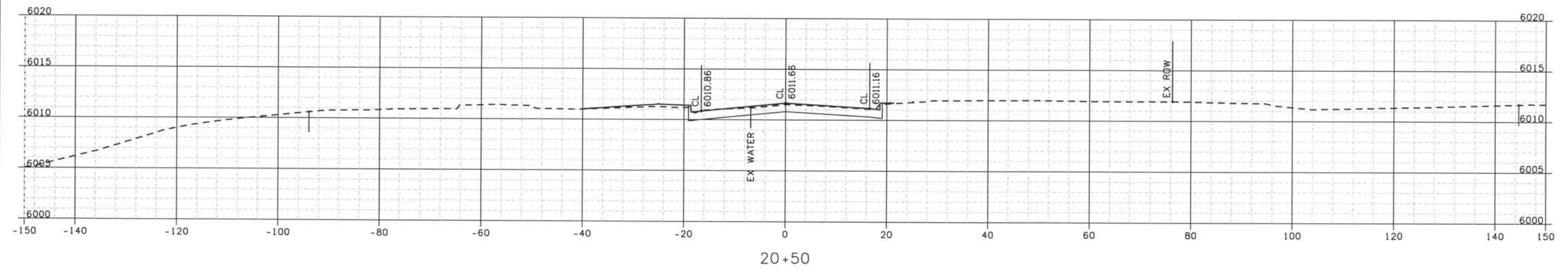
Drawing Number
DS1-X106

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

Date Plotted: 9/12/2008
 Time Plotted: 1:07:42 PM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



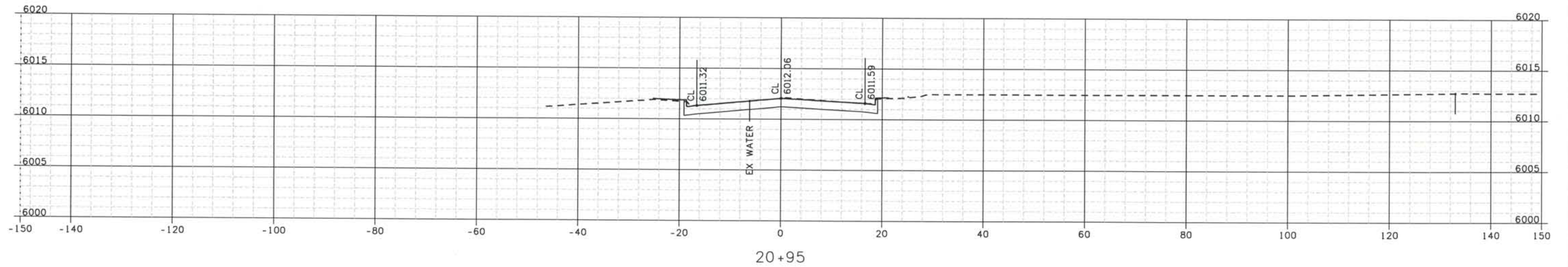
DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 WESTVIEW PLACE

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DSI-RDXS-12501.DGN

Drawing Number
 DS1-X107

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469



ISSUE RECORD		
NO.	DESCRIPTION	DATE
B	60% DESIGN SUBMITTAL	02/22/06
C	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

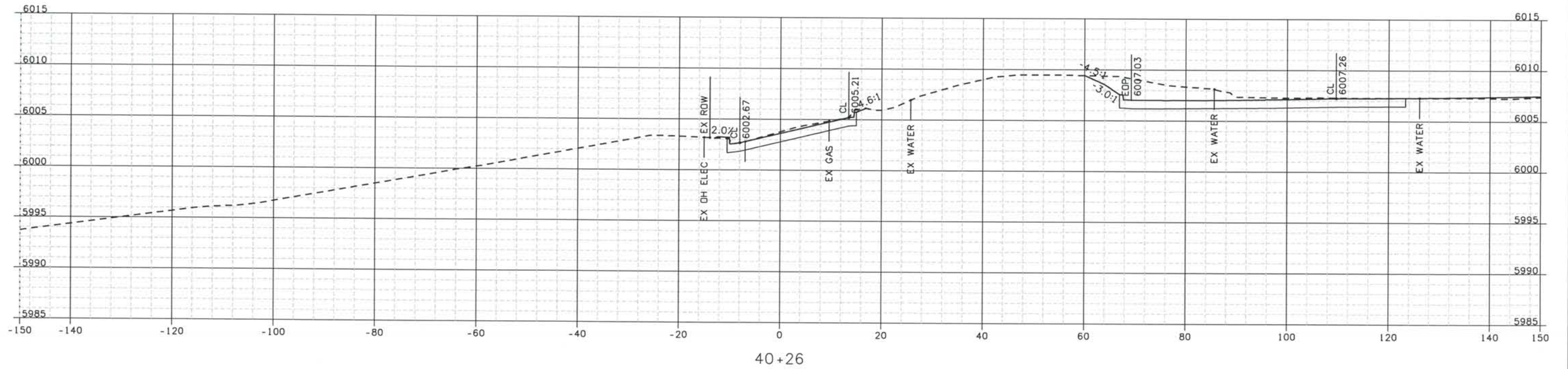
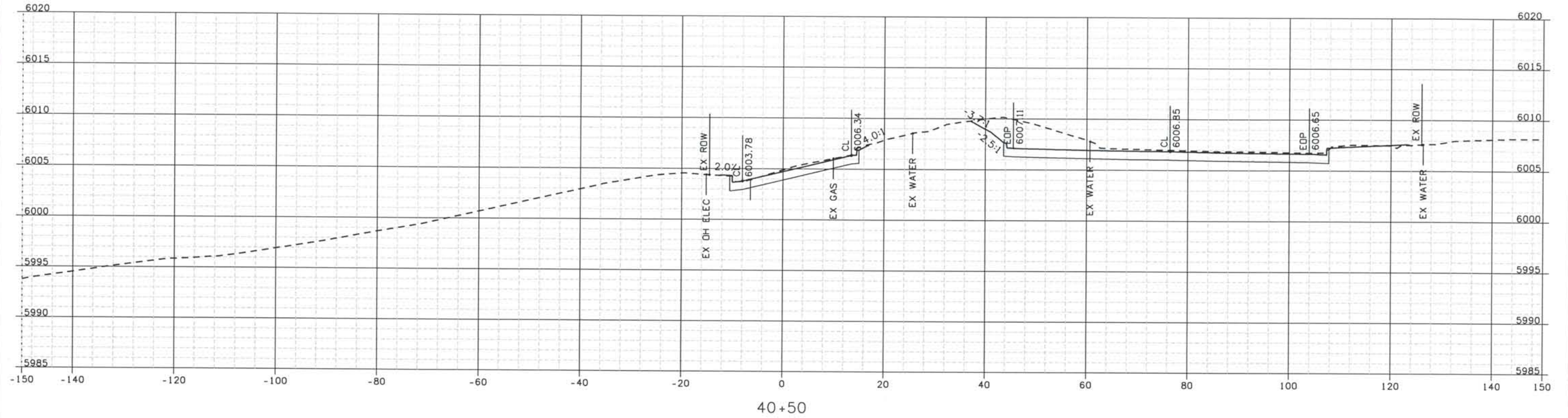


DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 WESTVIEW PLACE

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DSI-X108

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

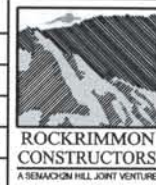
THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:44 PM
 Plotted By: arthyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: 20 at 11x17
 Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	

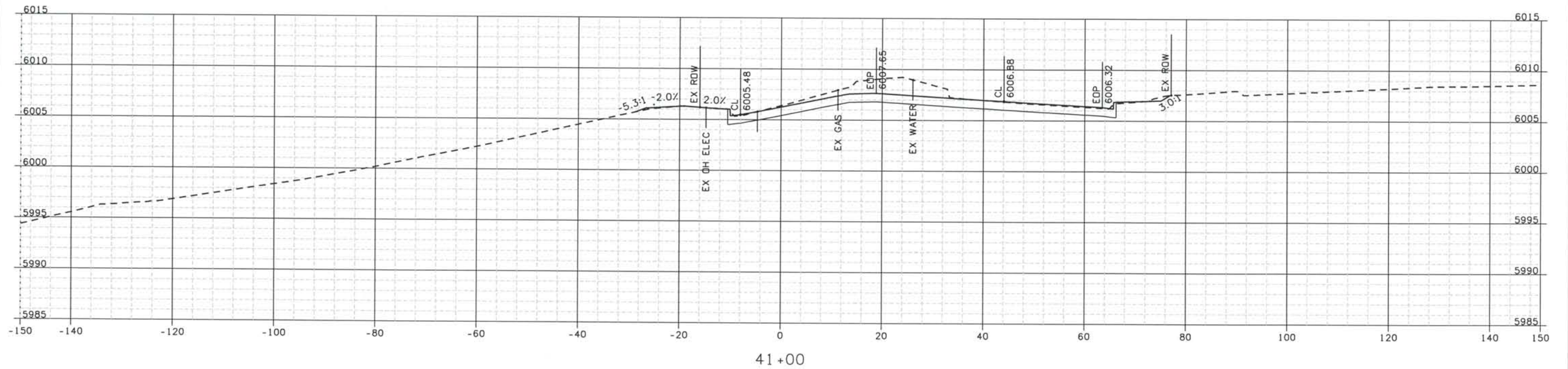
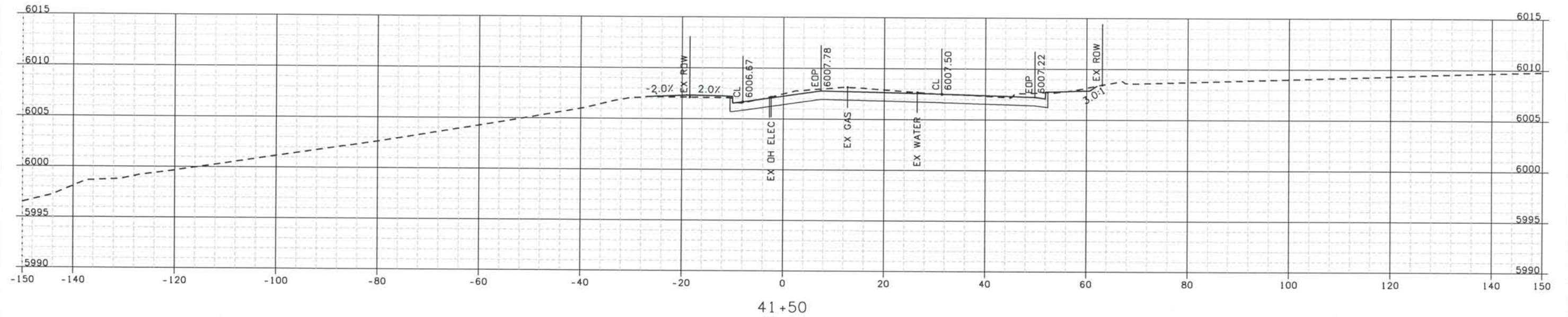


DESIGN SEGMENT 1
ROADWAY CROSS SECTIONS
SIERRA MADRE

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-RDXS-12501.DGN
 Drawing Number DSI-X109

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



Computer File Information

Date Plotted: 9/12/2008
 Time Plotted: 1:07:45 PM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot

327504.DS1 As-Built

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1 ROADWAY CROSS SECTIONS SIERRA MADRE

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-RDXS-12501.DGN
 Drawing Number
 DS1-X110

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

327504.DS1

As-Built

Scale: 20 at 11x17 Units: US Survey Foot

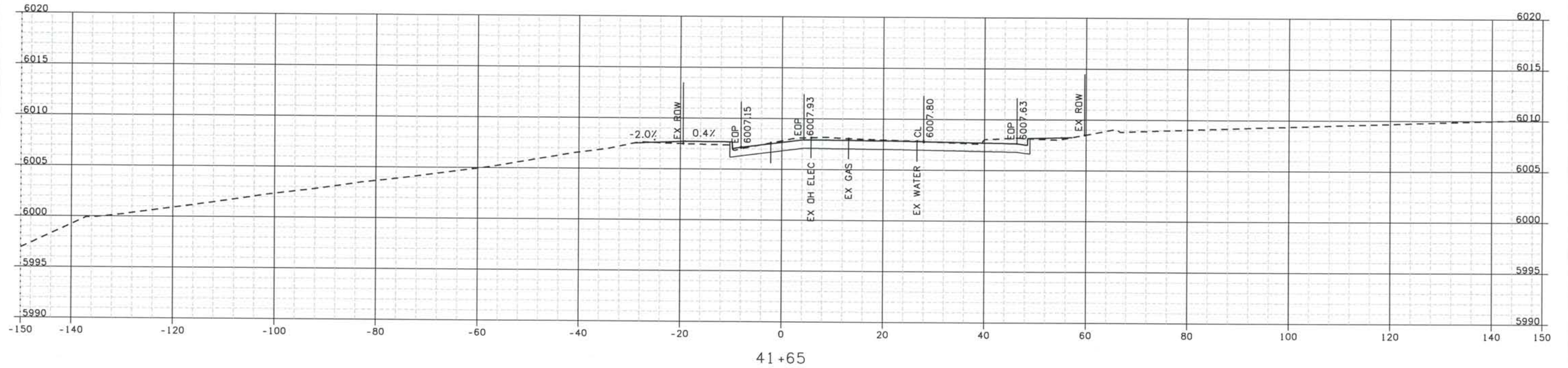
Computer File Information

Date Plotted: 9/12/2008

Time Plotted: 1:07:47 PM

Plotted By: artyhurst

CAD Ver.: MicroStation V8 2004



ISSUE RECORD			
NO.	DESCRIPTION	DATE	
B	60% DESIGN SUBMITTAL	02/22/06	
C	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



DESIGN SEGMENT 1
 ROADWAY CROSS SECTIONS
 SIERRA MADRE

Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-RDXS-12501.DGN

Drawing Number
 DS1-X111

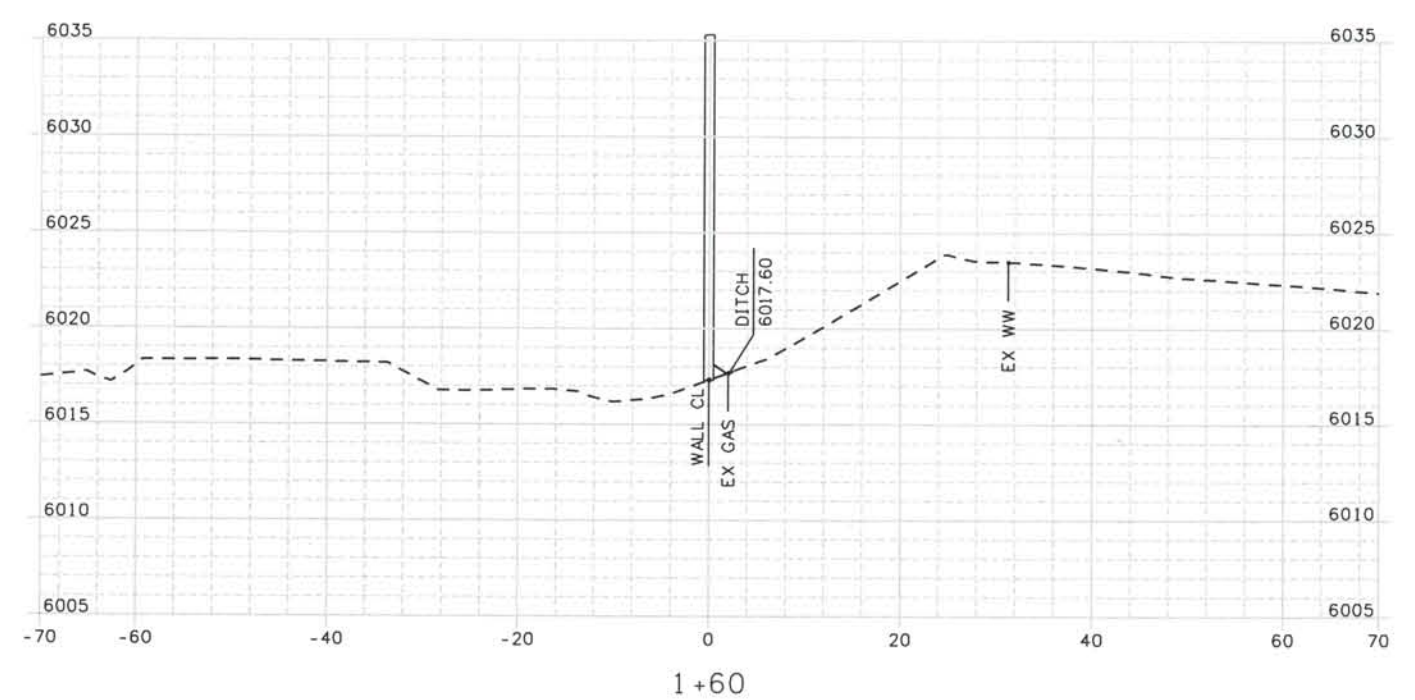
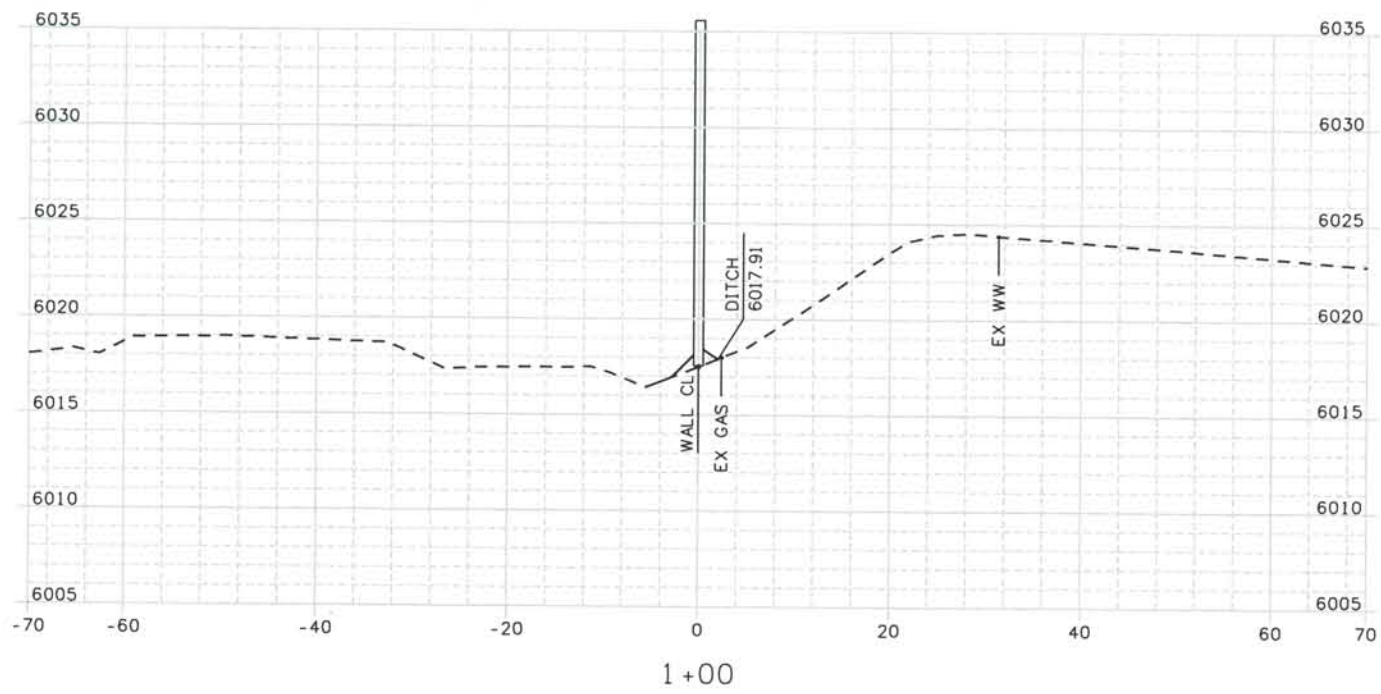
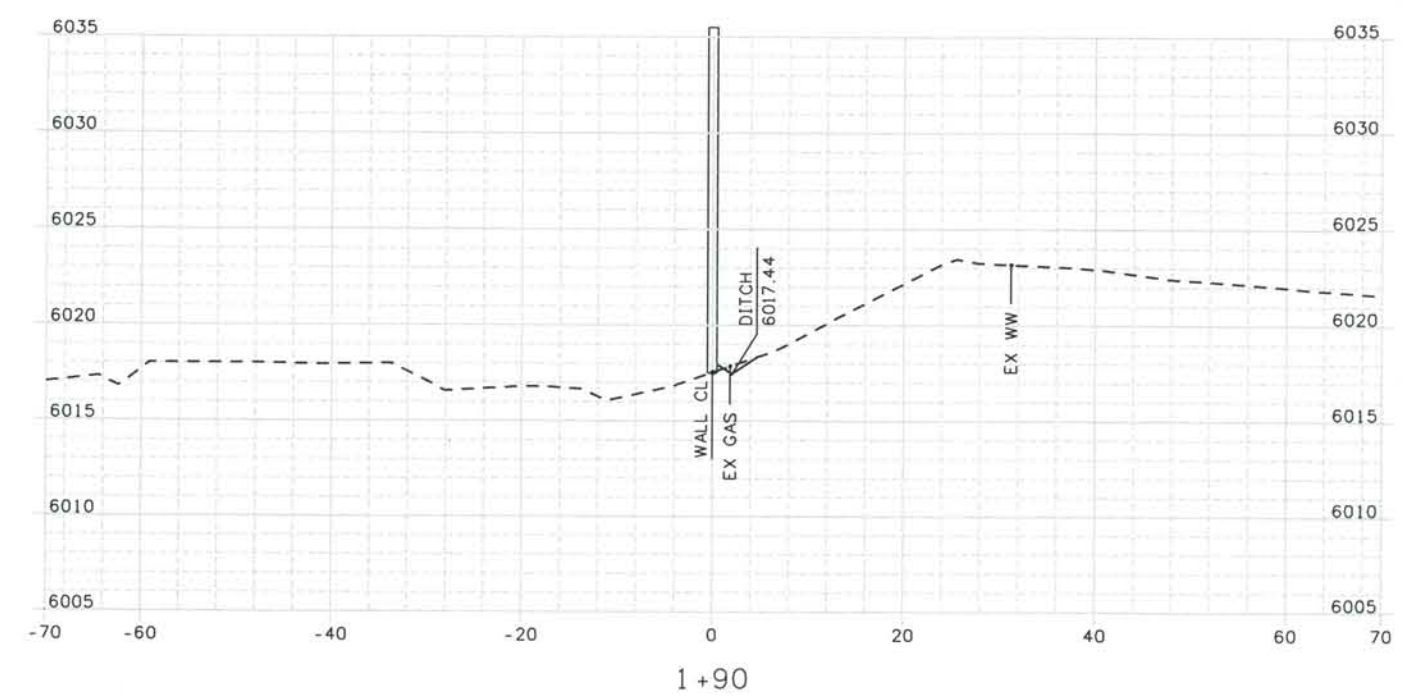
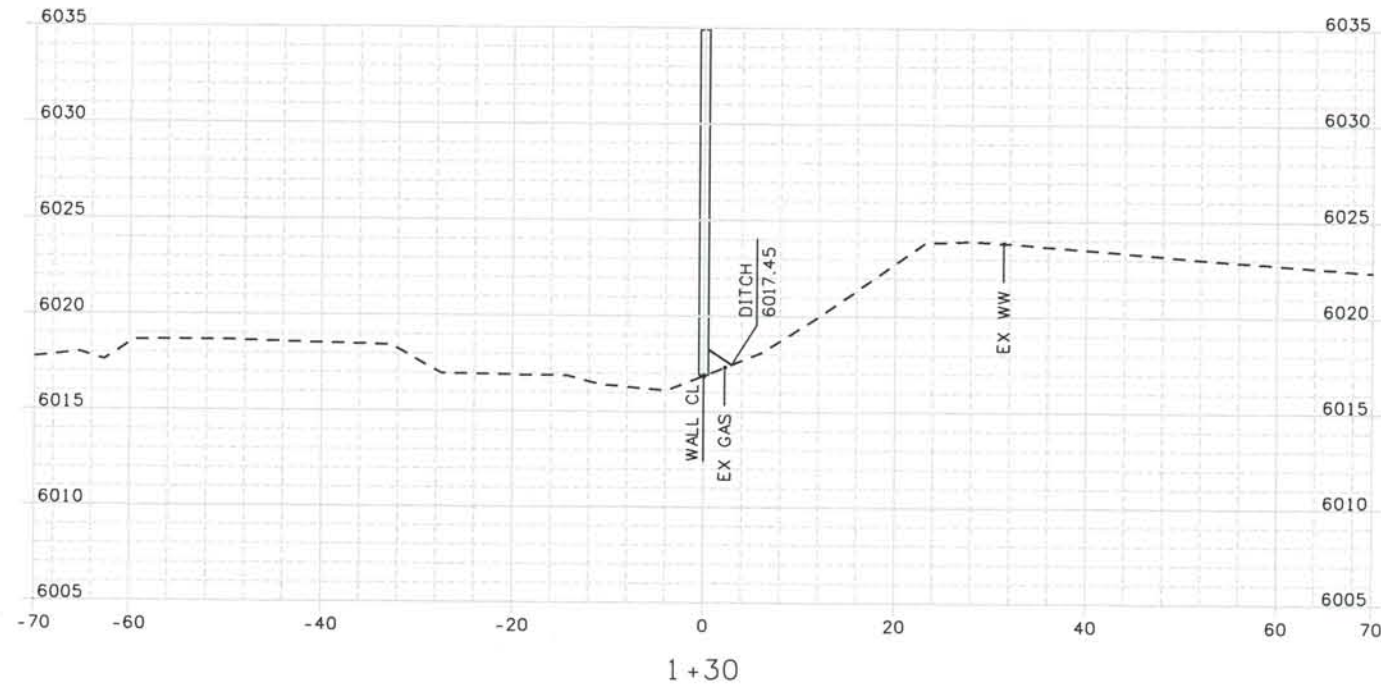
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL, COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

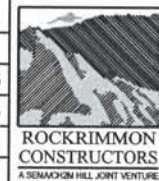
As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 9:00:13 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1 NOISE WALL CROSS SECTIONS DEMONSTRATION GARDENS

Project No./Code
 IM 0252-370
 S.A. 14740

File Name DS1-SWXS-12501.DGN

Drawing Number DS1-X112

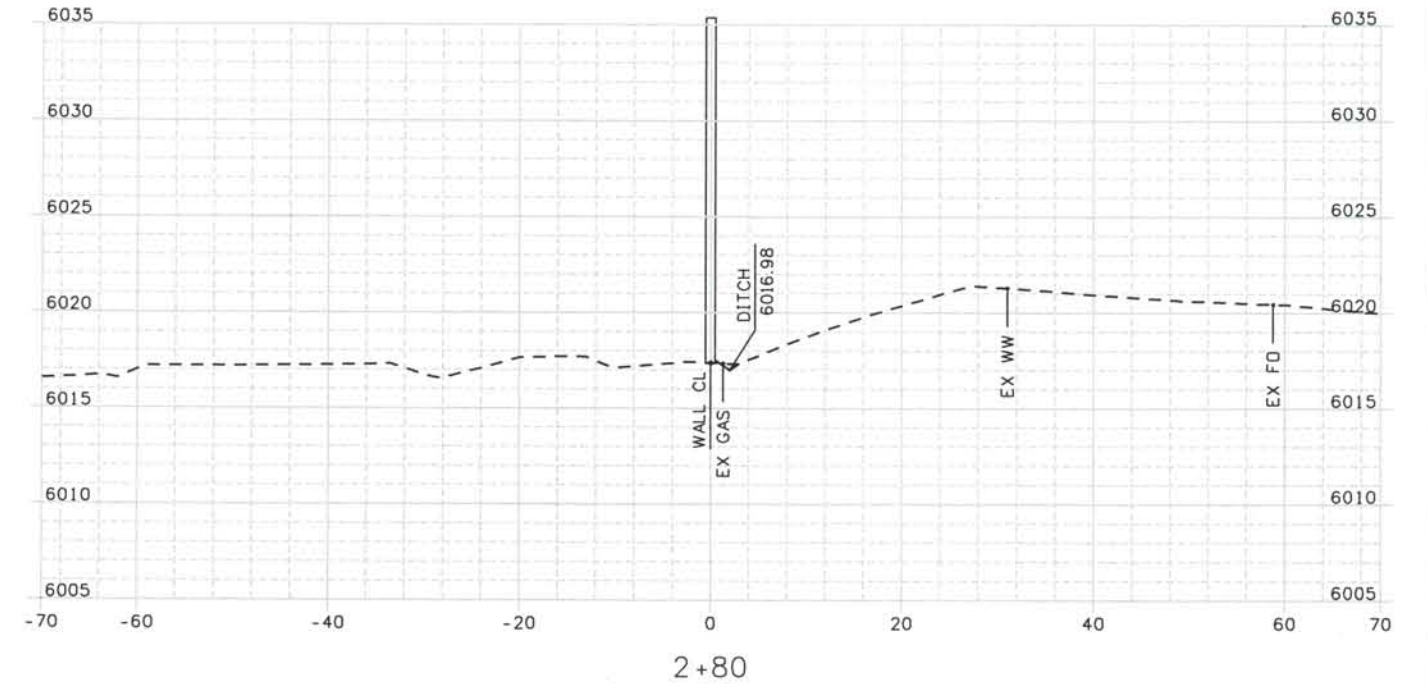
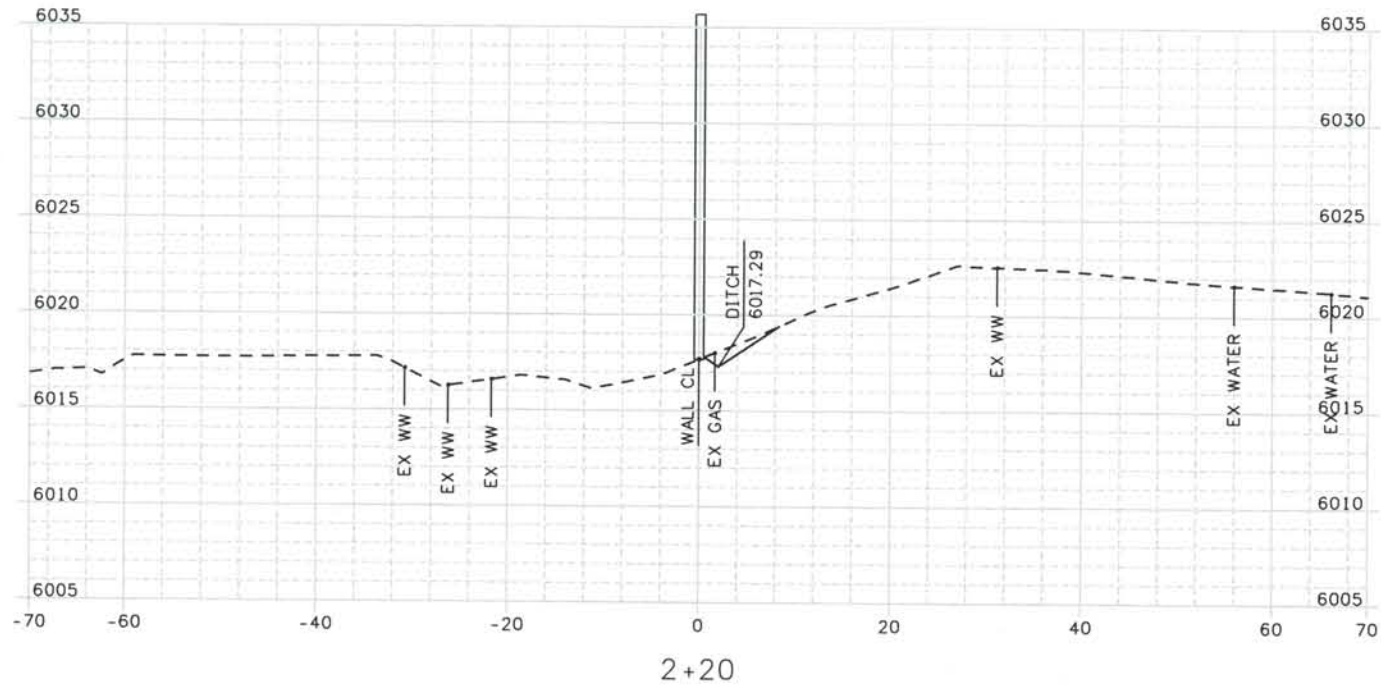
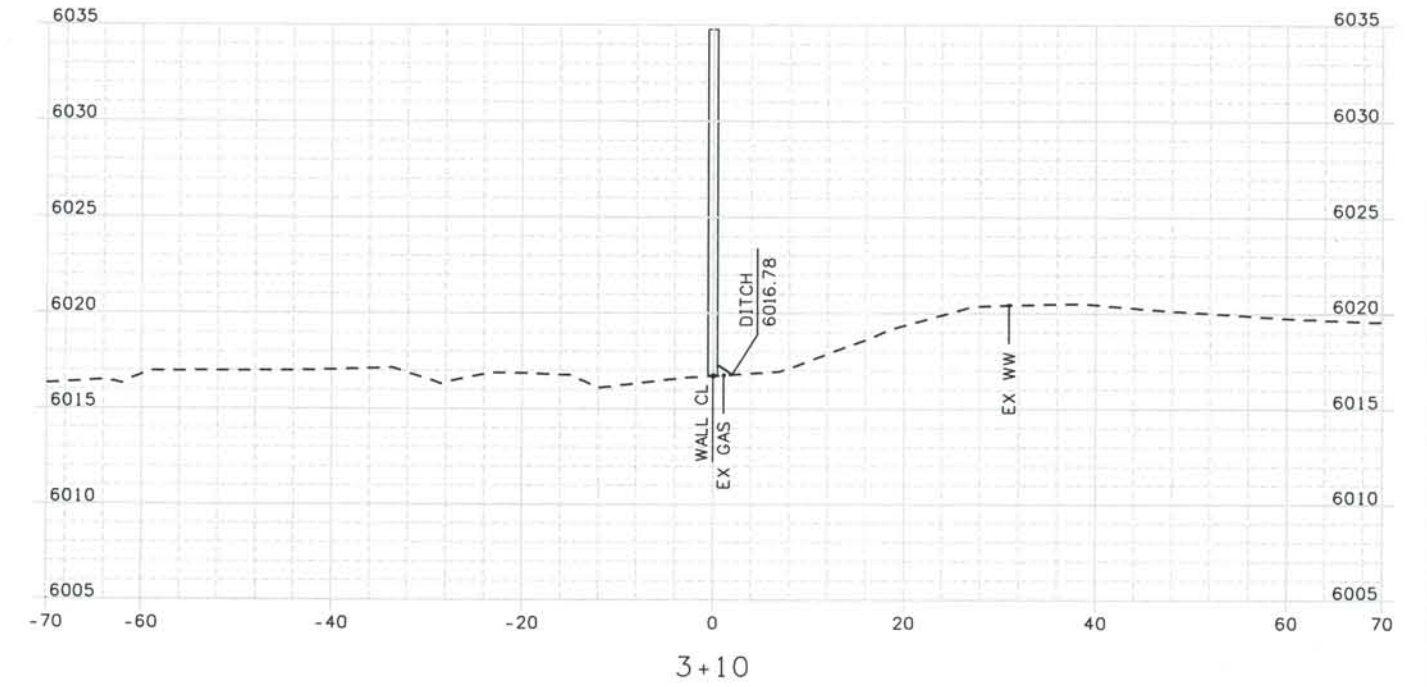
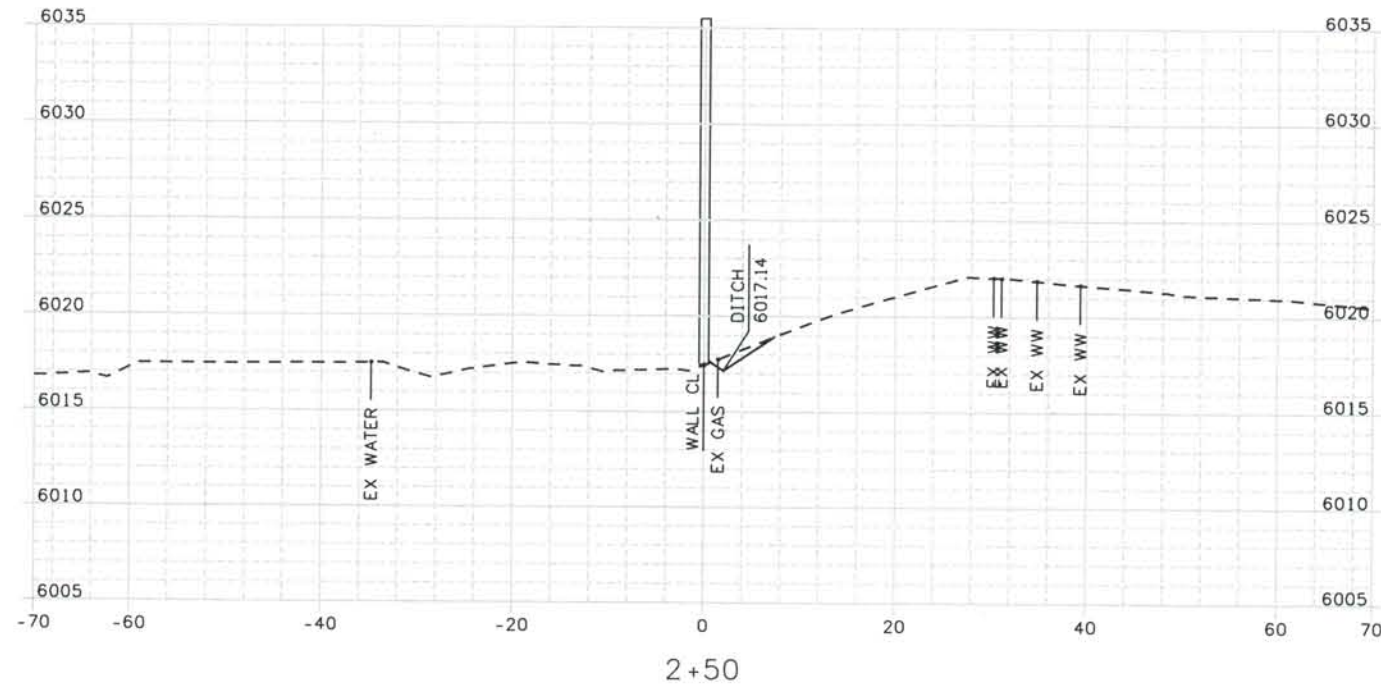
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

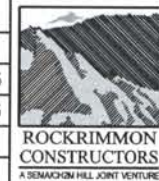
As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 9:00:15 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08

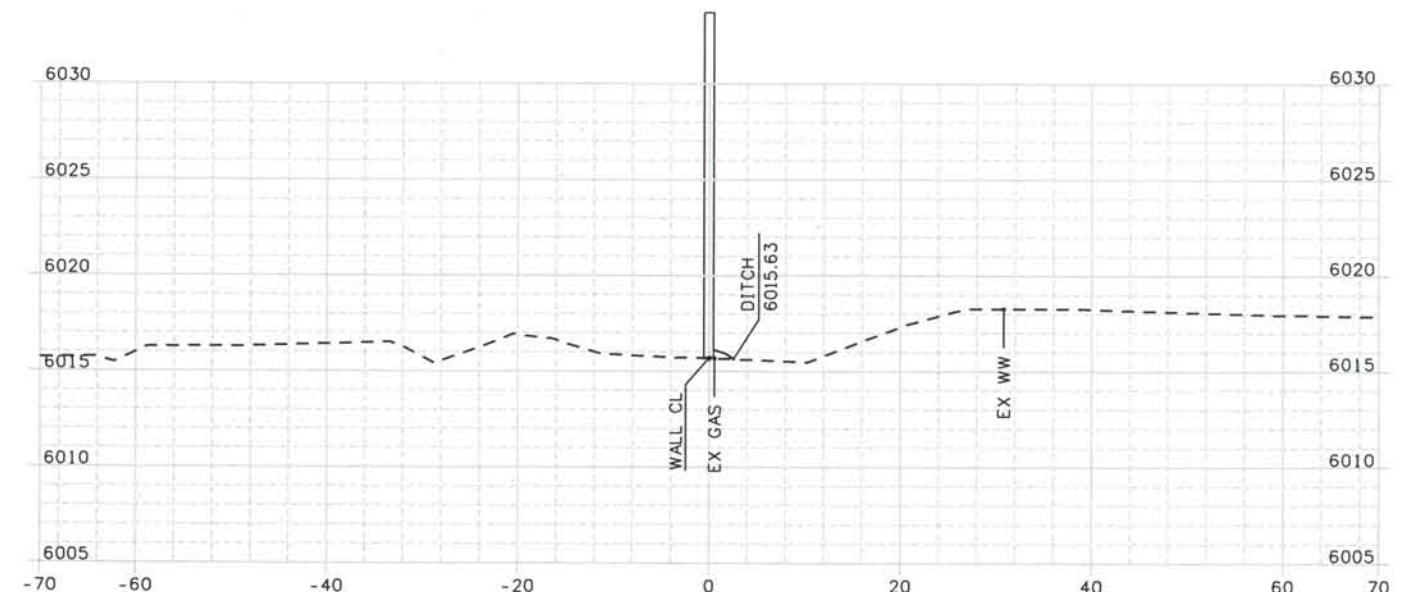
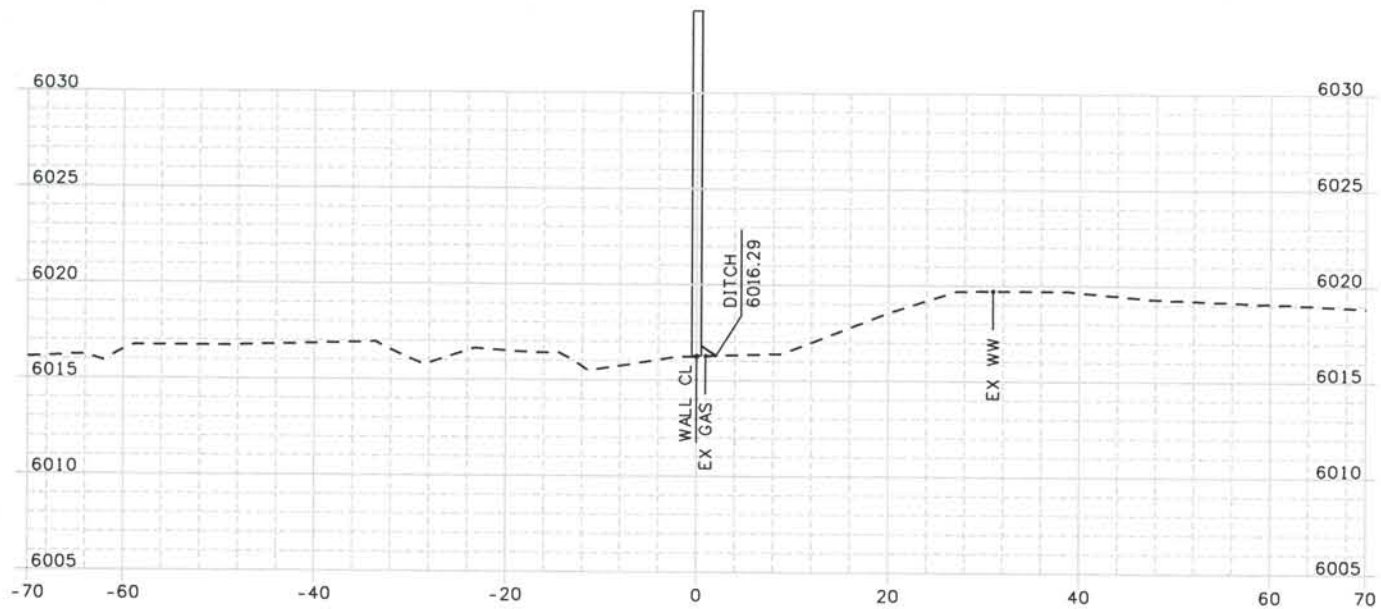
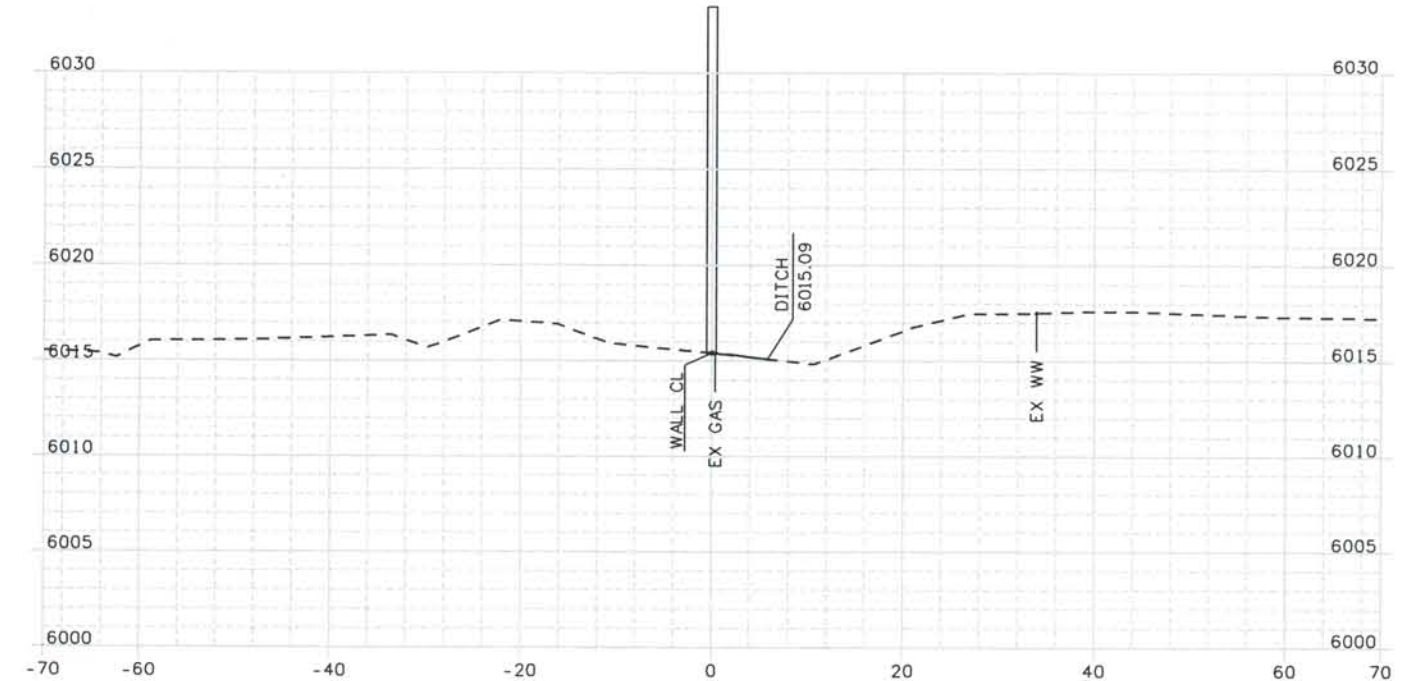
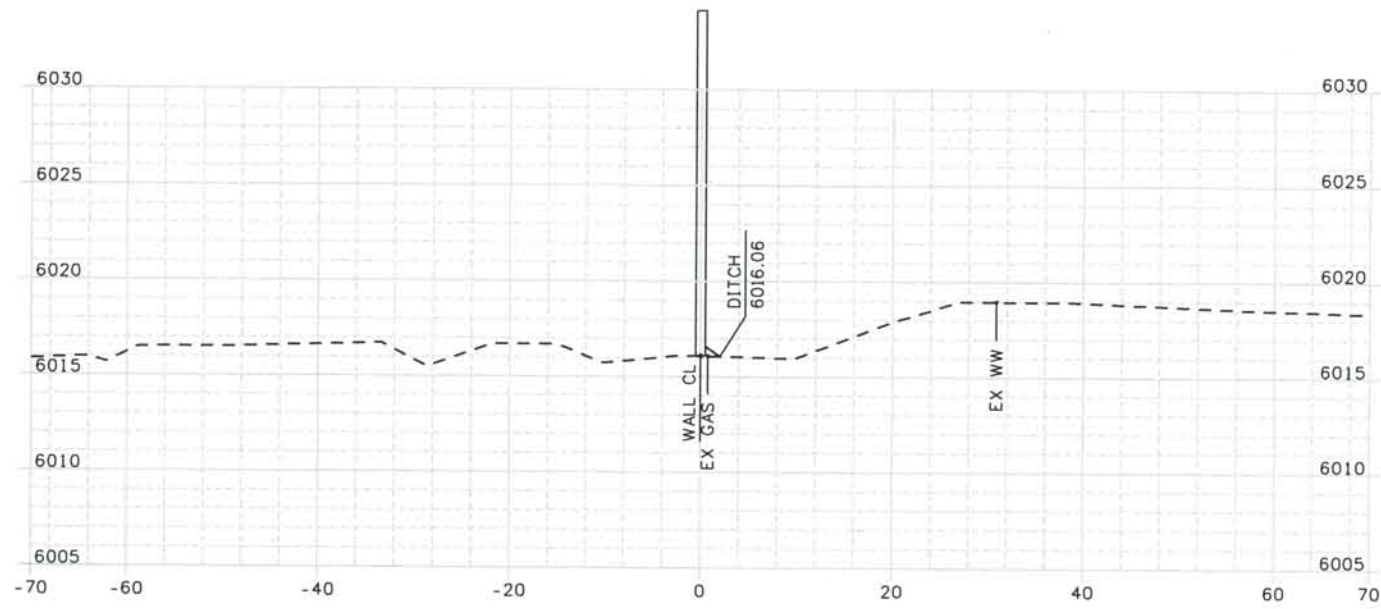


DESIGN SEGMENT 1
NOISE WALL CROSS SECTIONS
DEMONSTRATION GARDENS

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DS1-SWXS-12501.DGN
 Drawing Number
 DS1-X113

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 DEMONSTRATION GARDENS

Project No./Code
 IM 0252-370
 S.A. 14740

File Name DS1-SWXS-I2501.DGN

Drawing Number DS1-X114

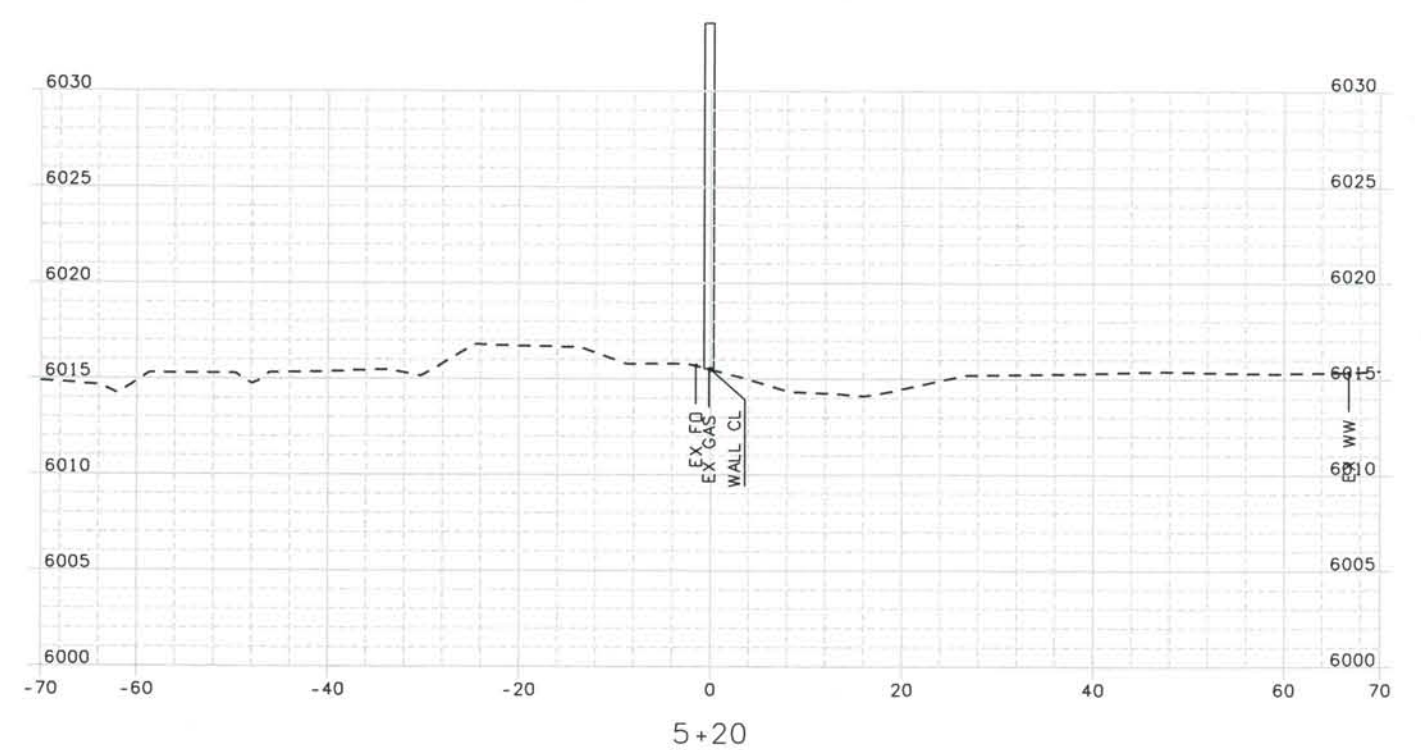
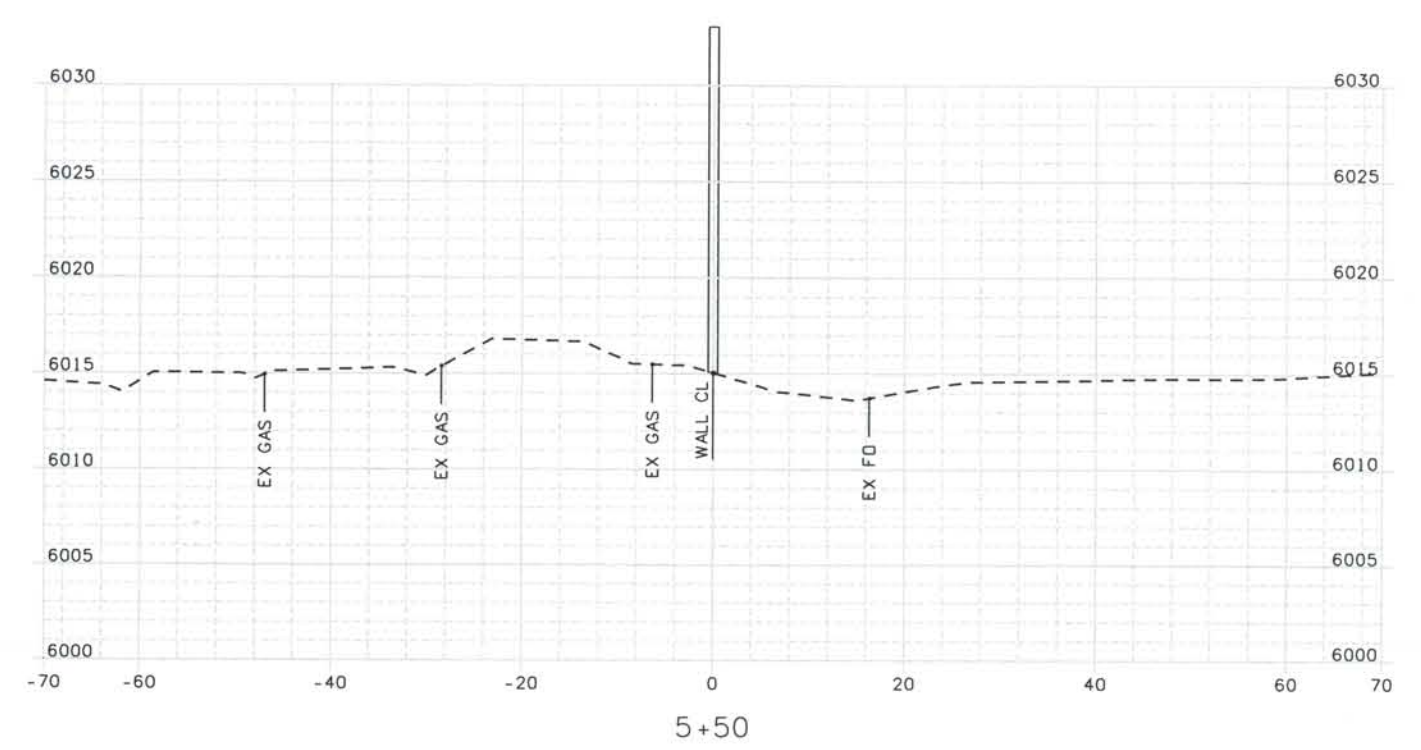
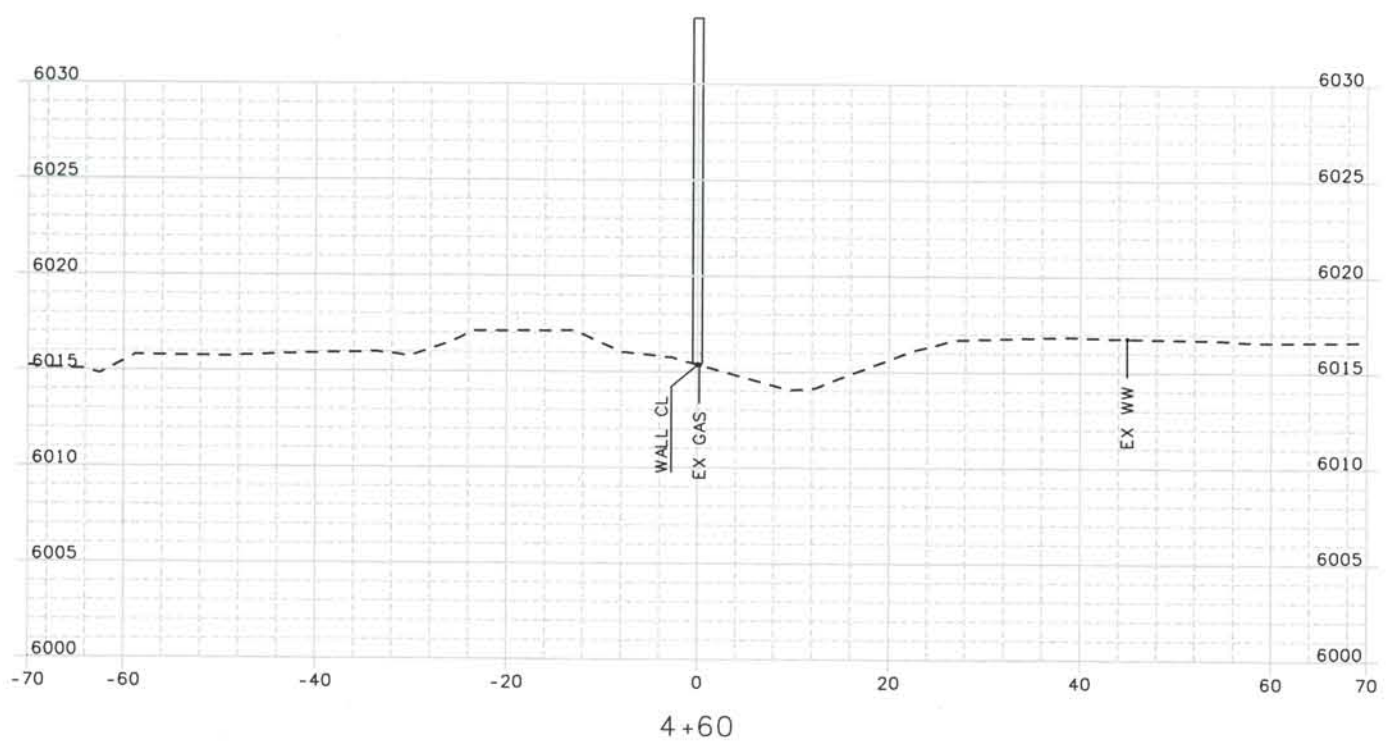
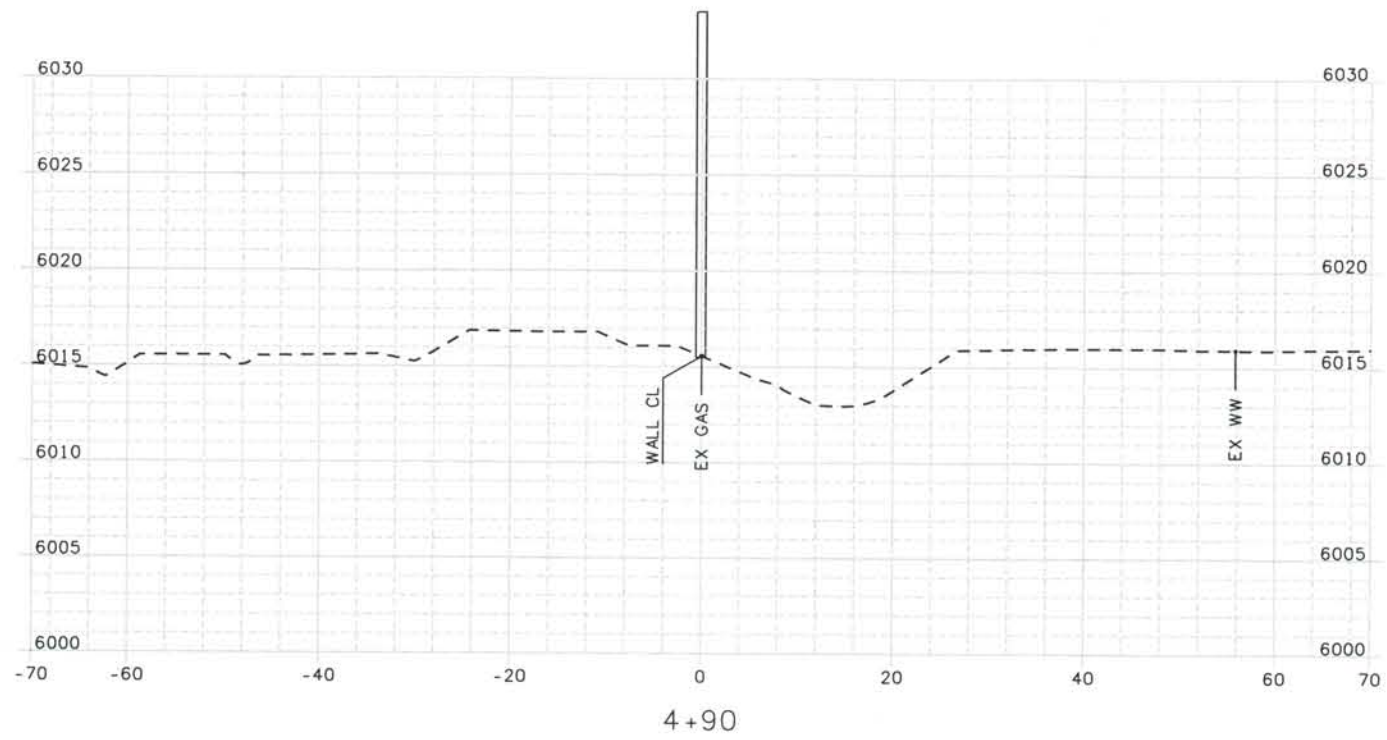
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/10/2008
 Time Plotted: 9:00:17 AM
 Plotted By: oryhurst
 CAD Ver.: MicroStation V8 2004

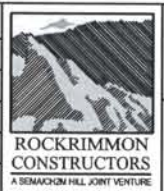
As-Built
 327504.DS1

Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 DEMONSTRATION GARDENS

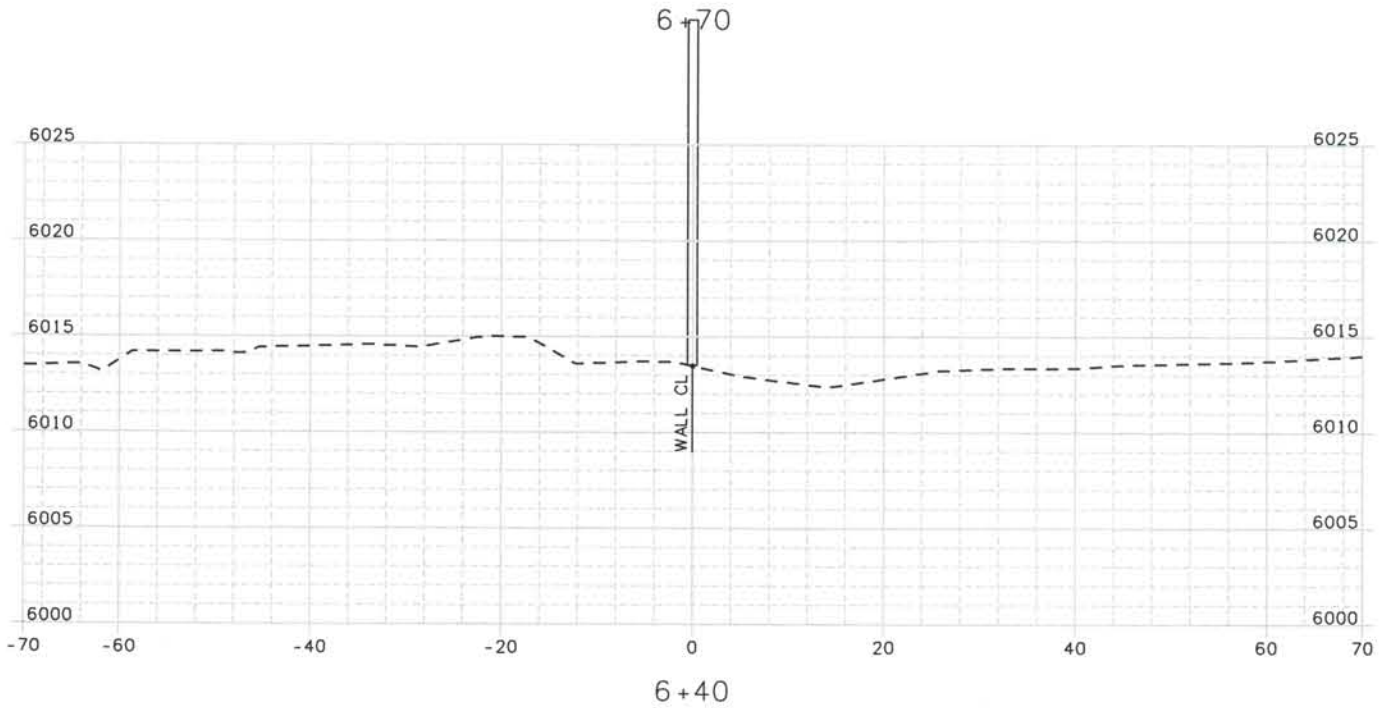
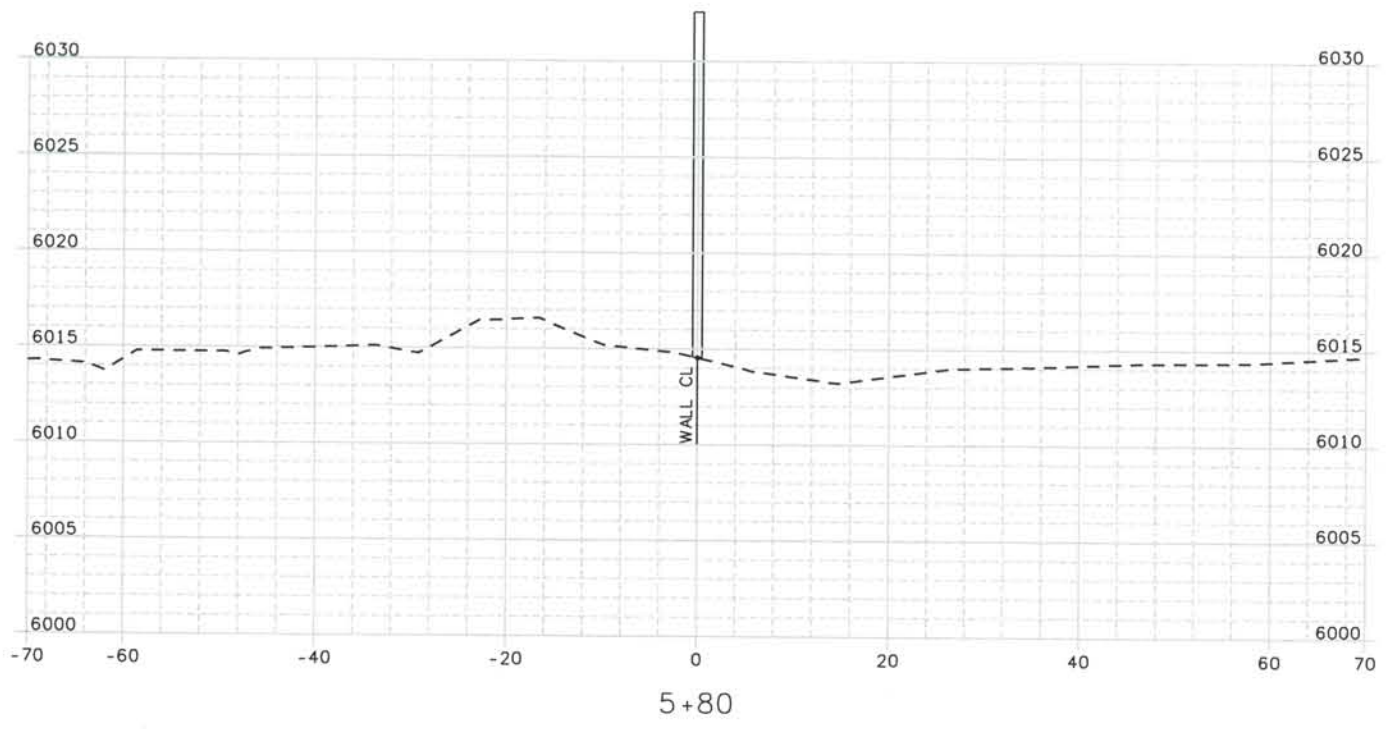
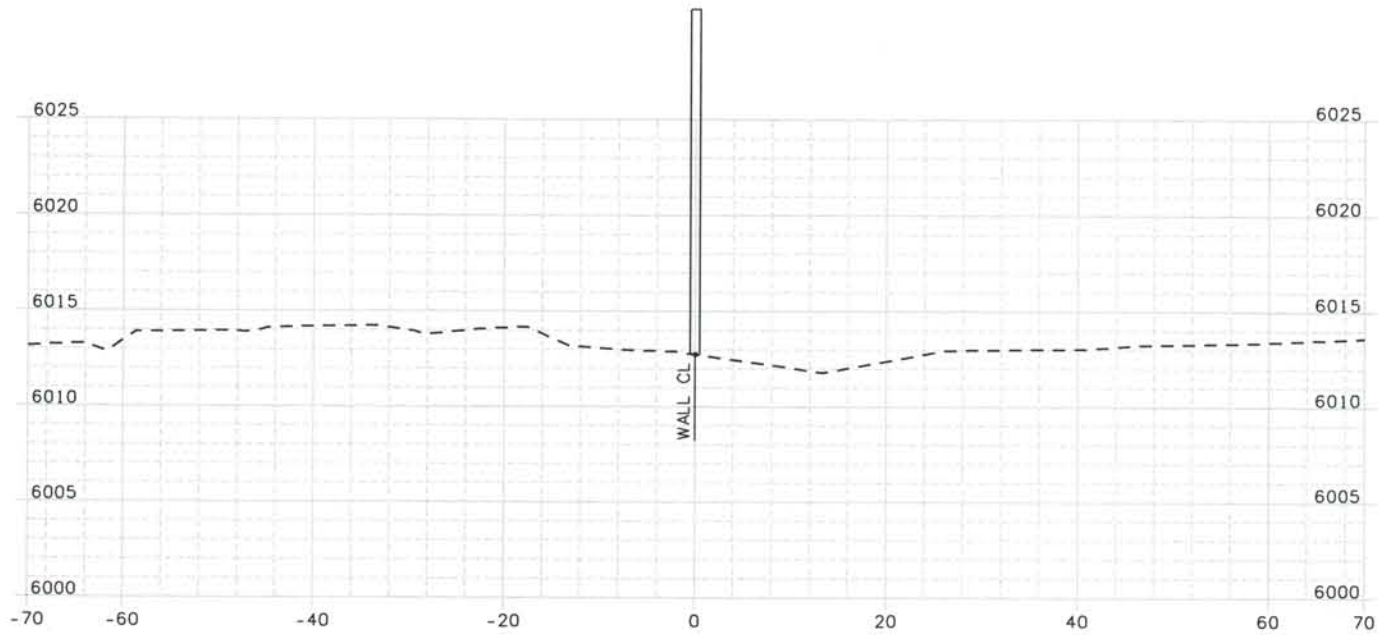
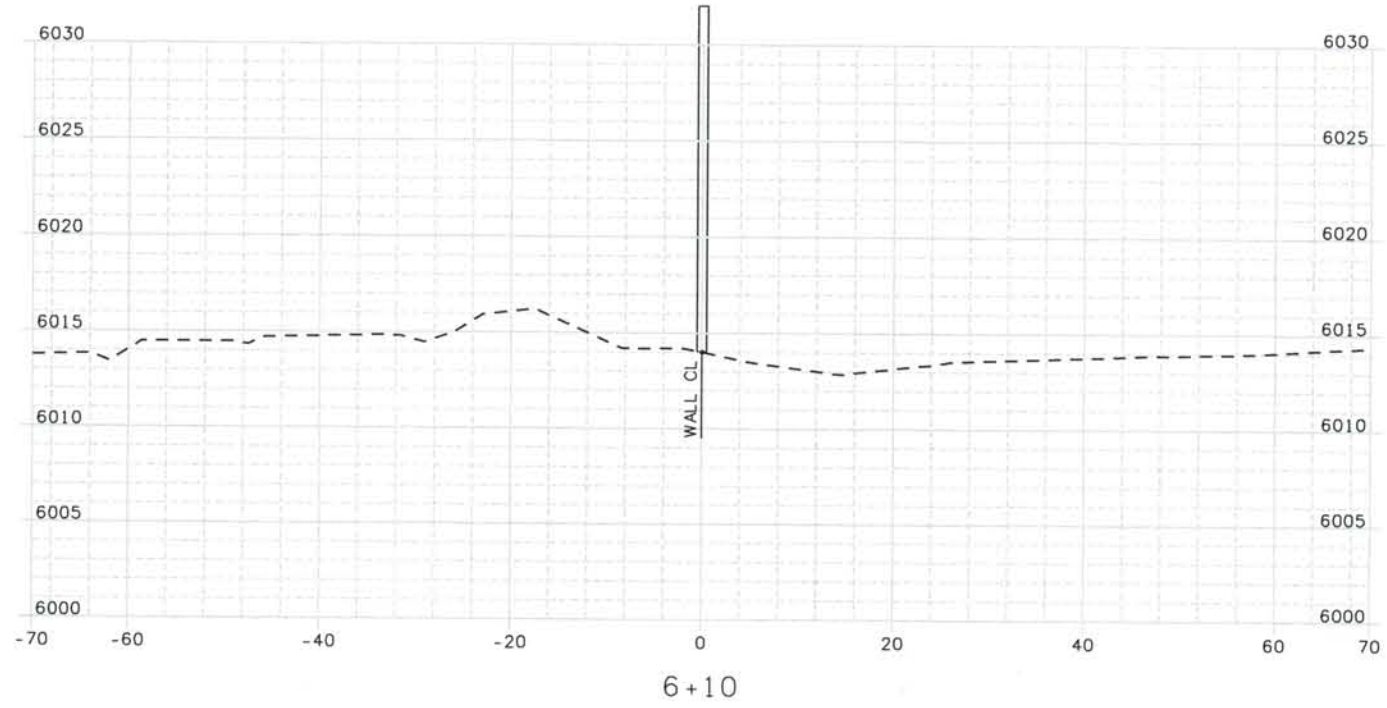
Project No./Code
 IM 0252-370
 S.A. 14740

File Name
 DS1-SWXS-I2501.DGN

Drawing Number
 DS1-X115

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 9:00:19 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation VB 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17
 Units: US Survey Foot

ISSUE RECORD			
NO.	DESCRIPTION	DATE	
A	90% DESIGN SUBMITTAL	04/24/06	
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06	
2	AS-BUILT PLANS SUBMITTAL	08/15/08	



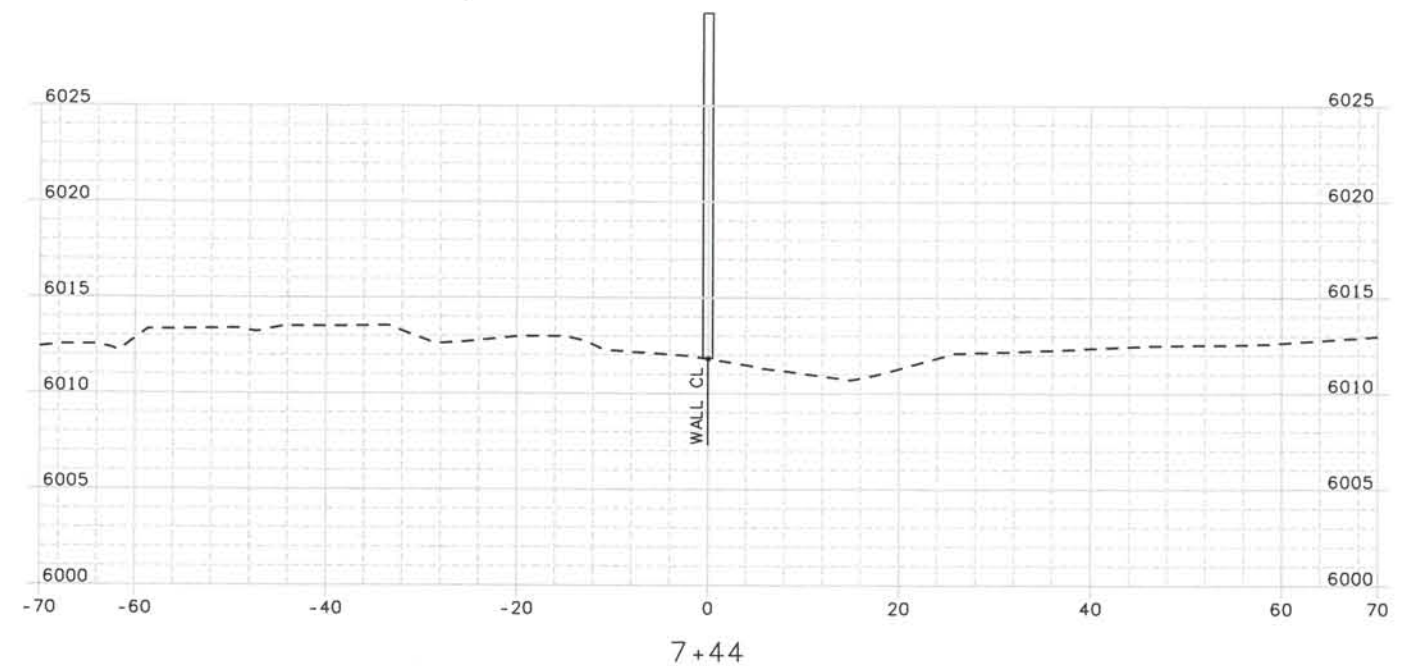
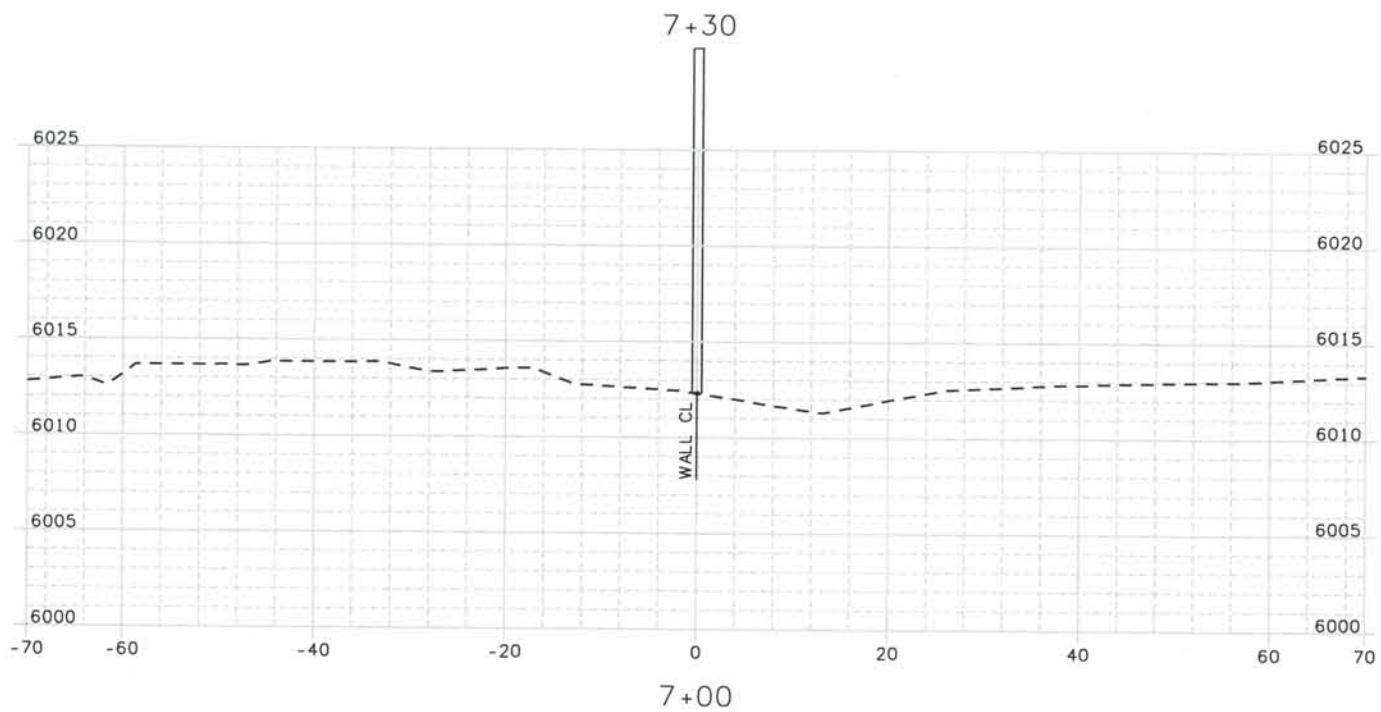
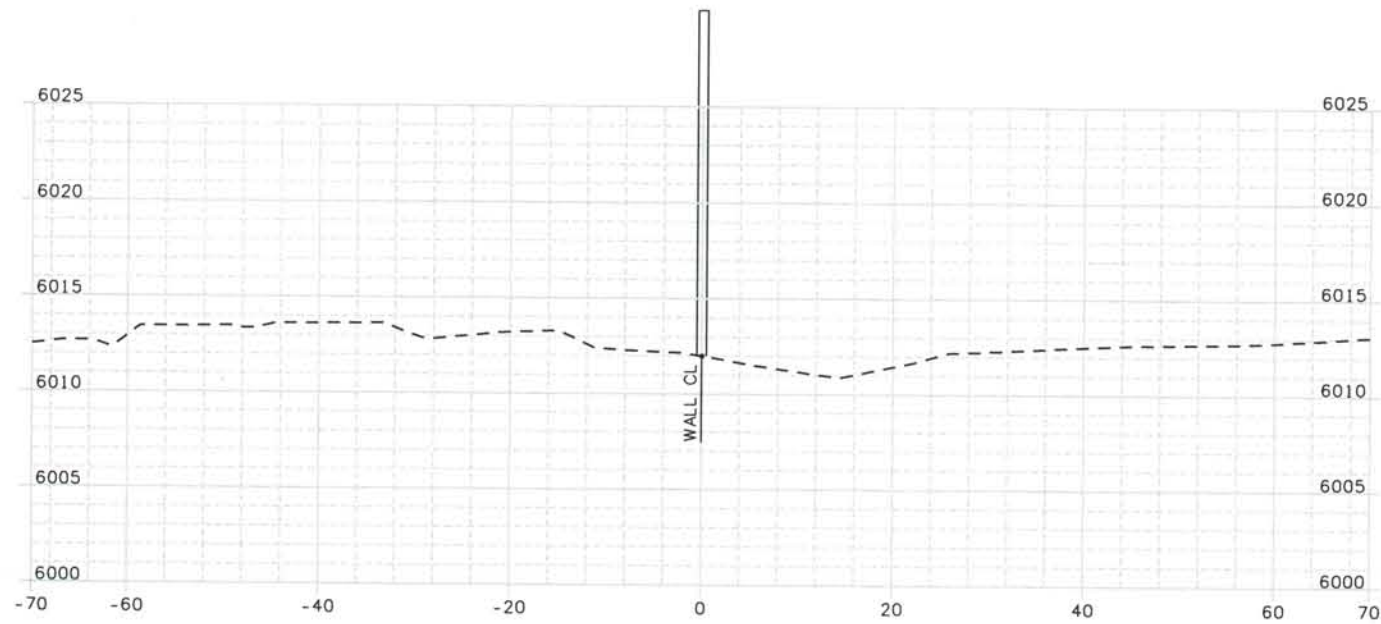
DESIGN SEGMENT 1
NOISE WALL CROSS SECTIONS
DEMONSTRATION GARDENS

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-SWXS-12501.DGN
 Drawing Number DS1-X116

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/10/2008
 Time Plotted: 9:00:20 AM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
NOISE WALL CROSS SECTIONS
DEMONSTRATION GARDENS

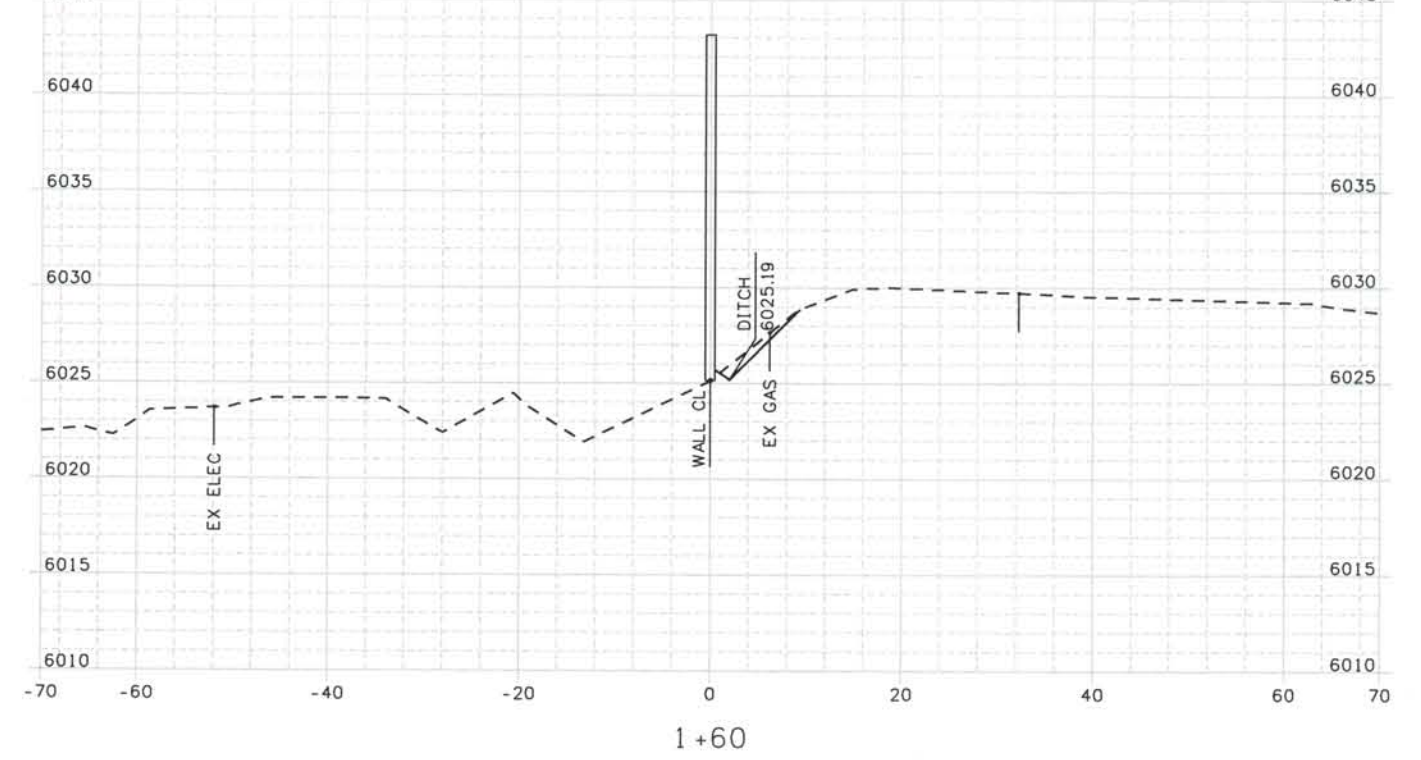
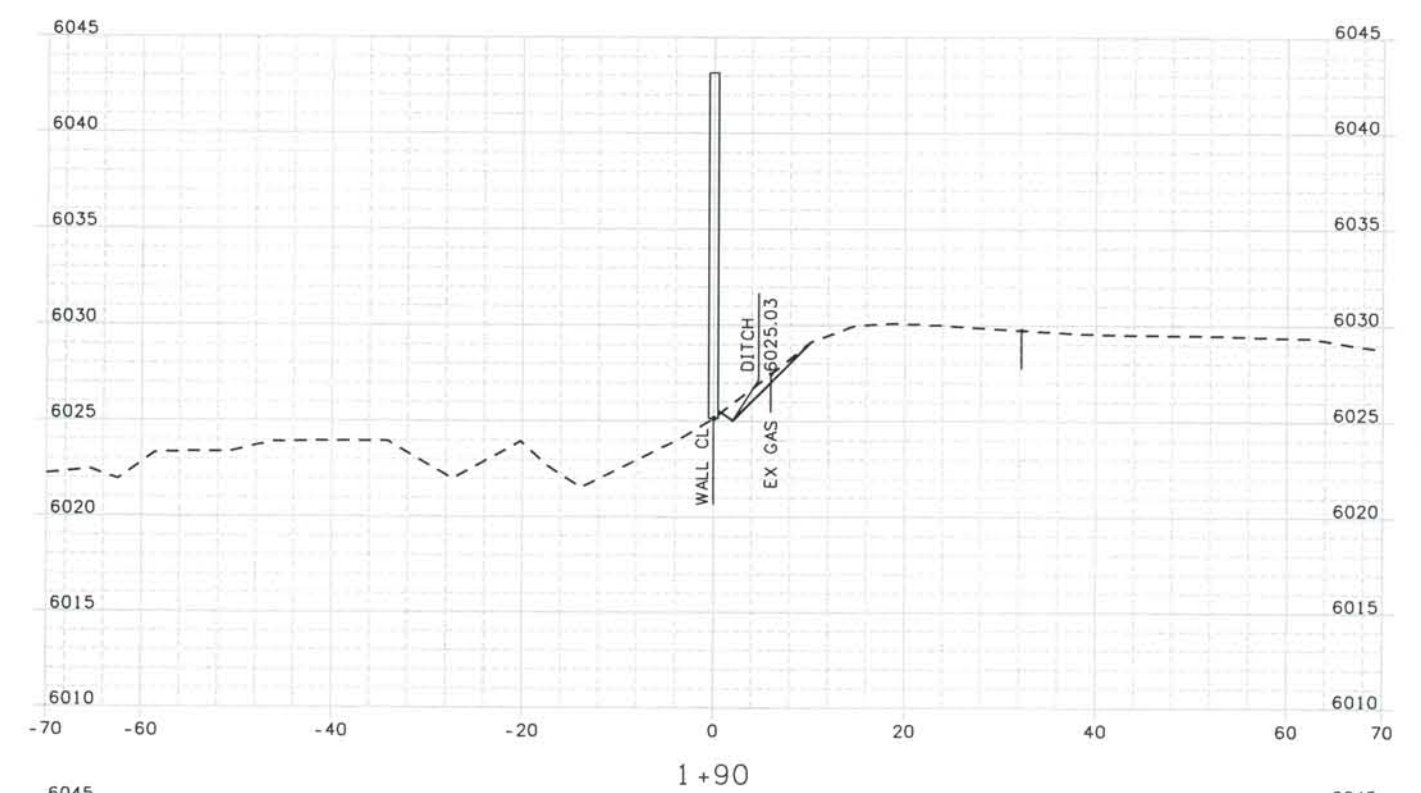
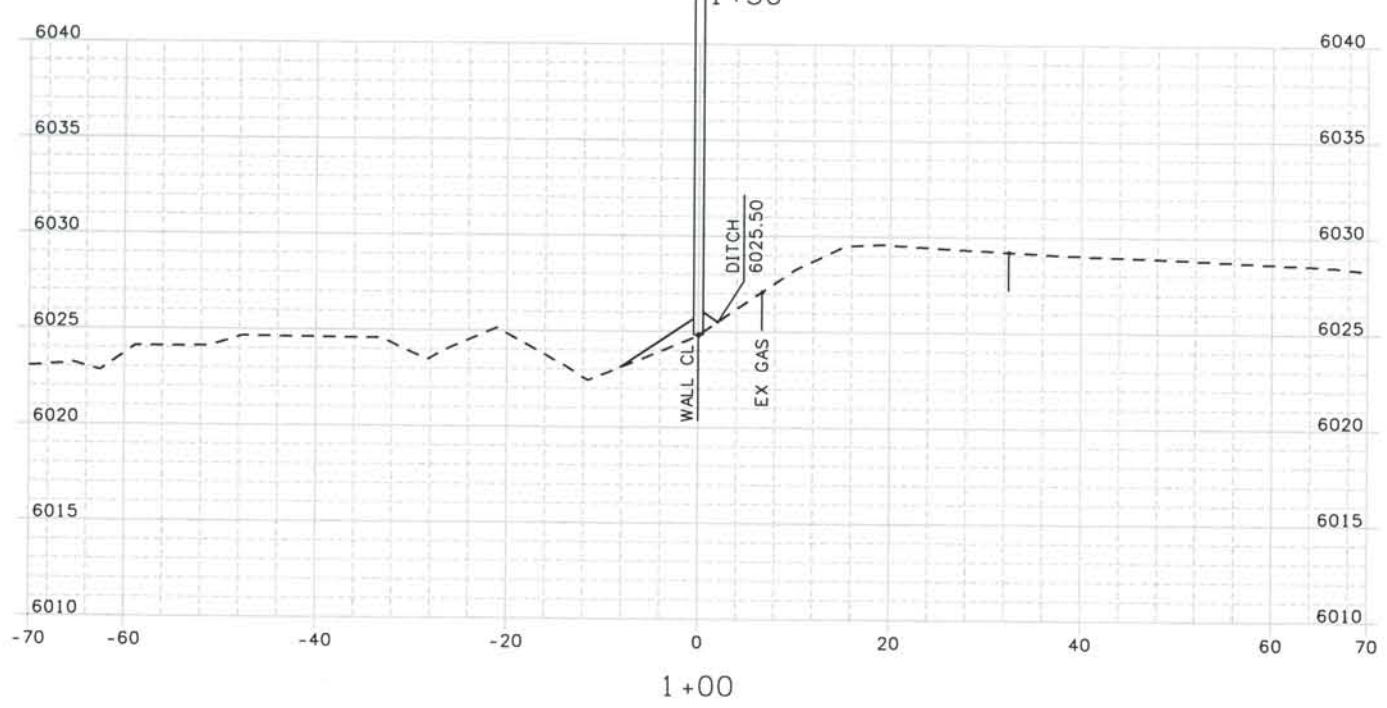
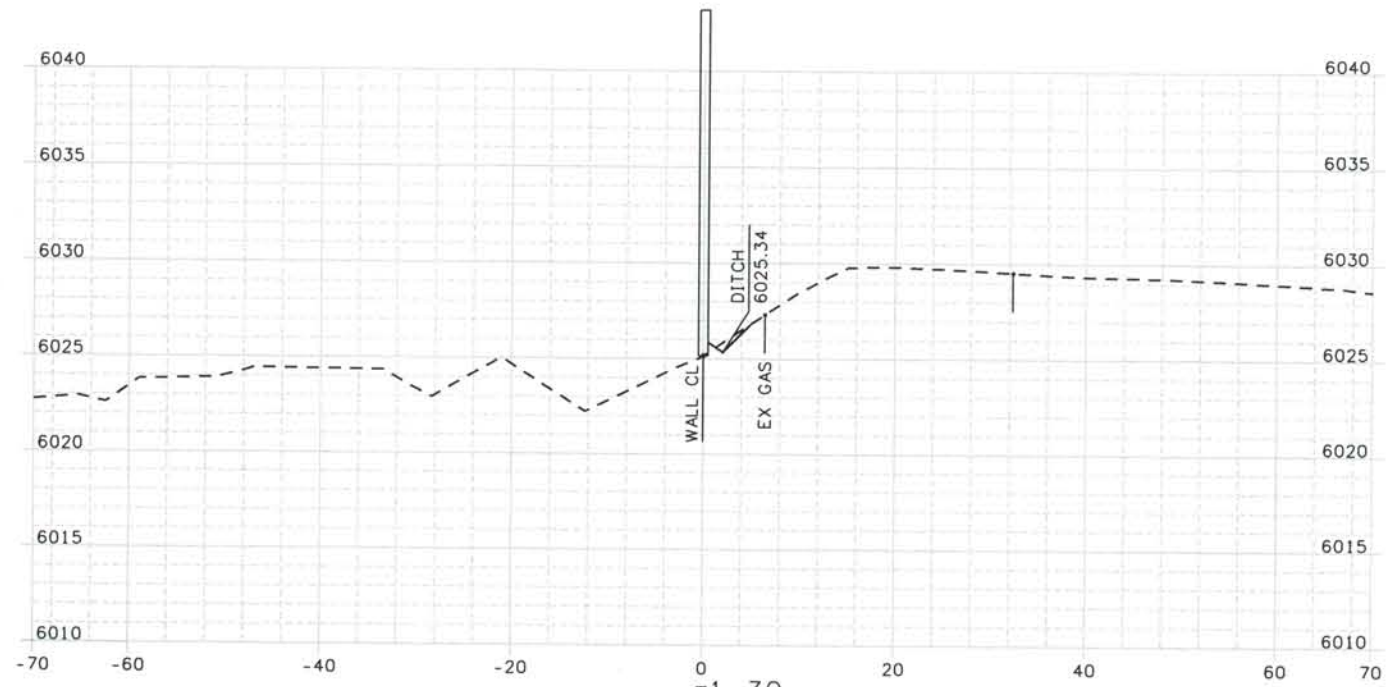
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name: DS1-SWXS-I2501.DGN
 Drawing Number: DS1-X117

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/10/2008
 Time Plotted: 9:00:21 AM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL *1

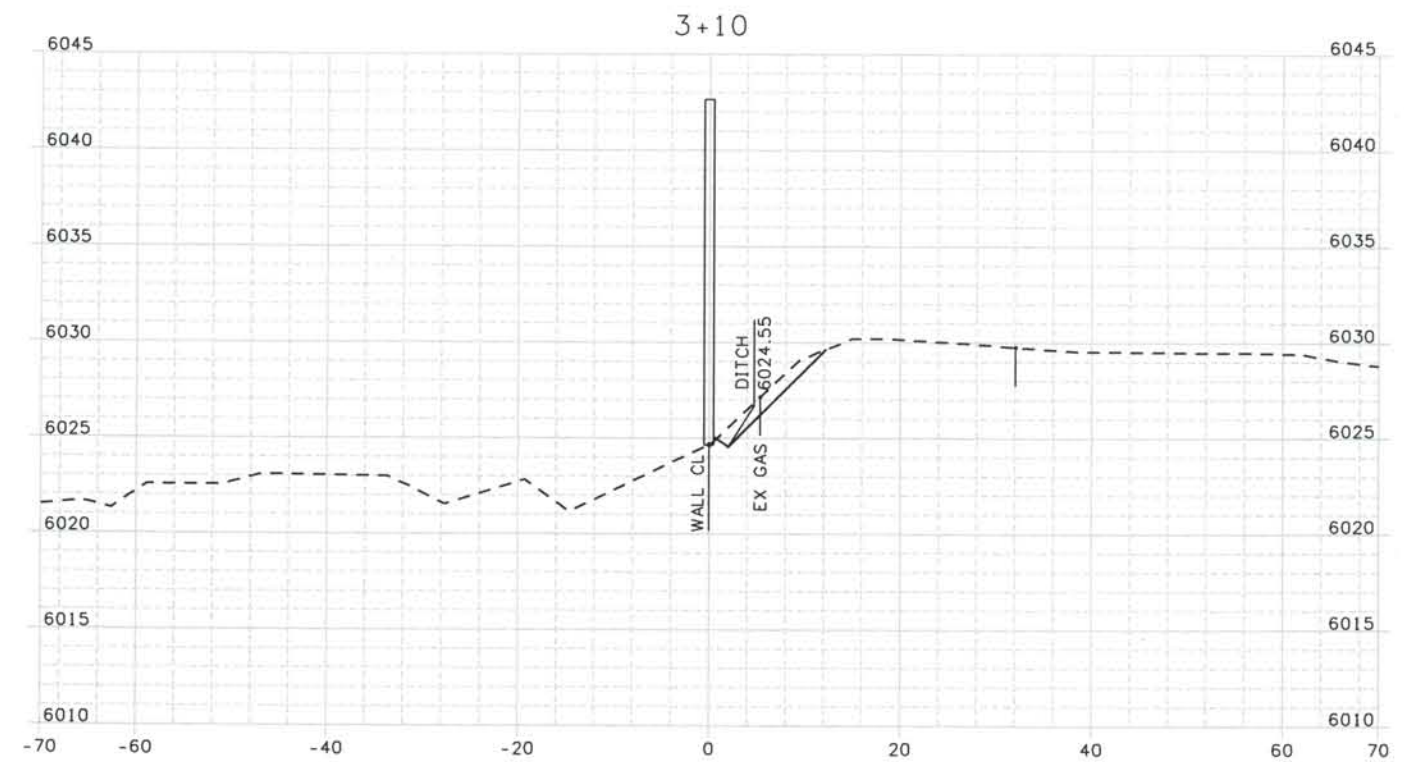
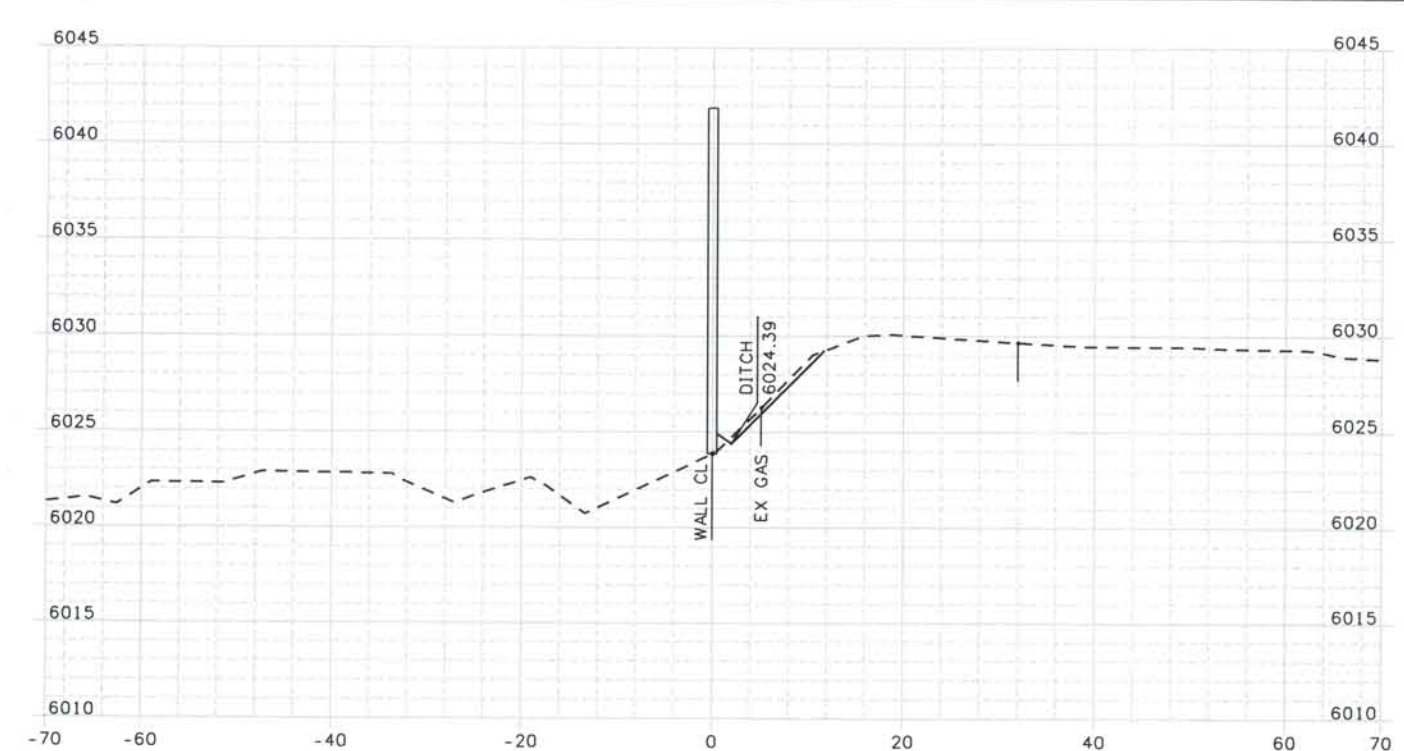
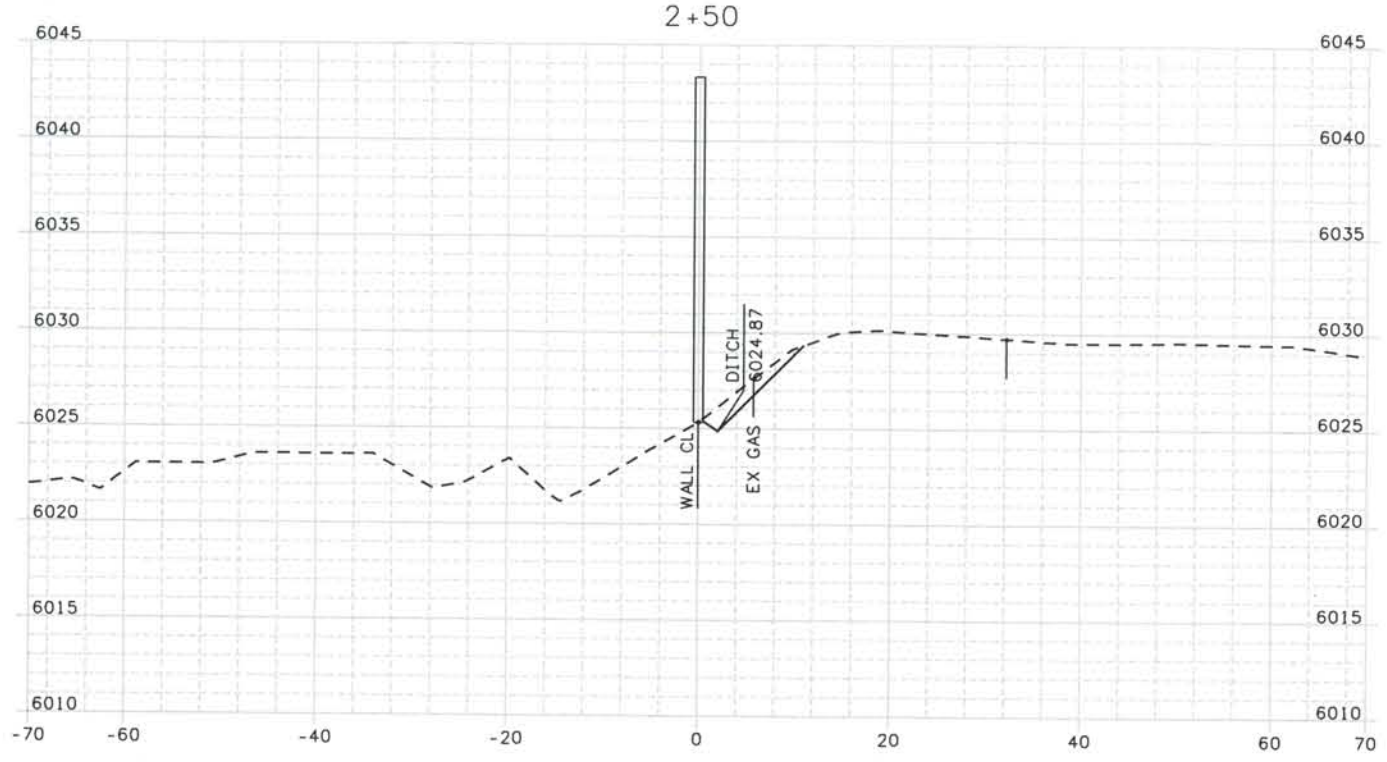
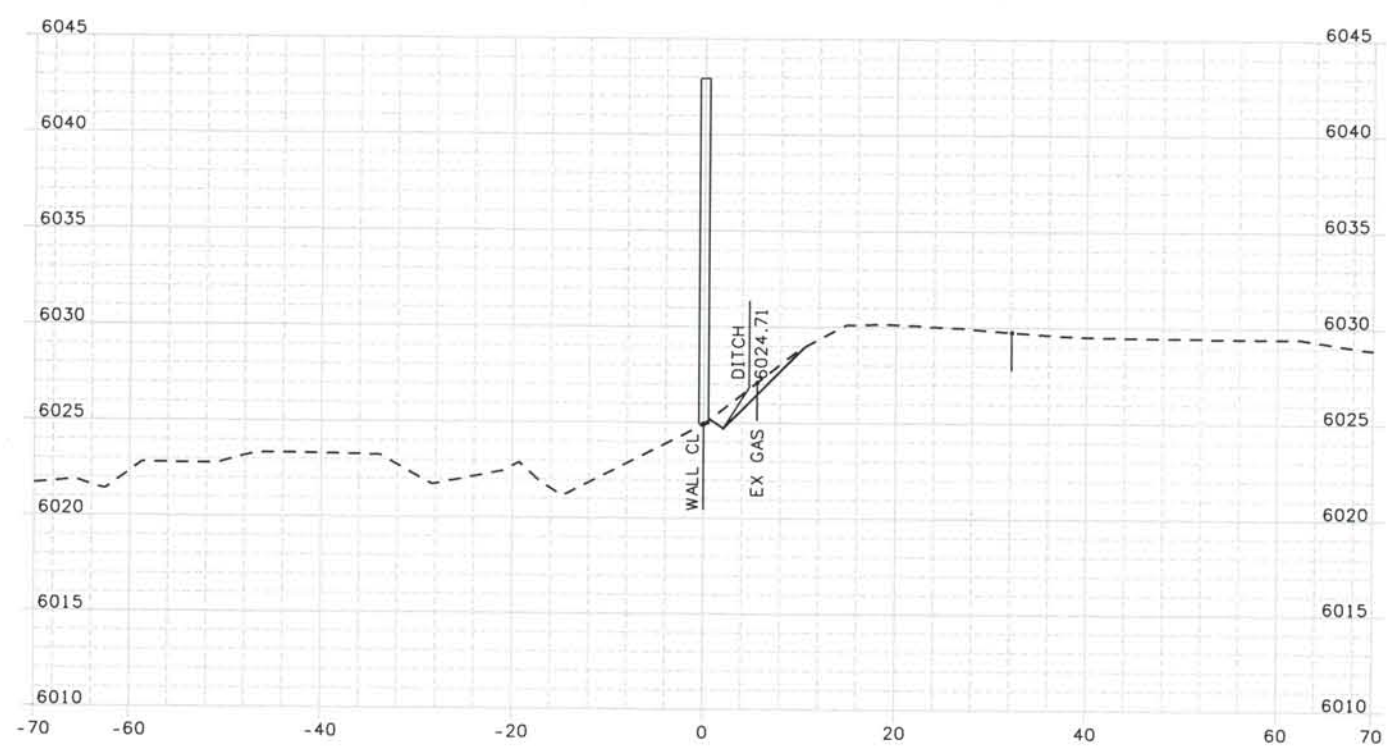
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-SWXS-I2501.DGN
 Drawing Number DSX1-X118

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/10/2008
 Time Plotted: 9:00:23 AM
 Plotted By: orlyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL #1

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-SWXS-I250I.DGN
 Drawing Number DSI-X119

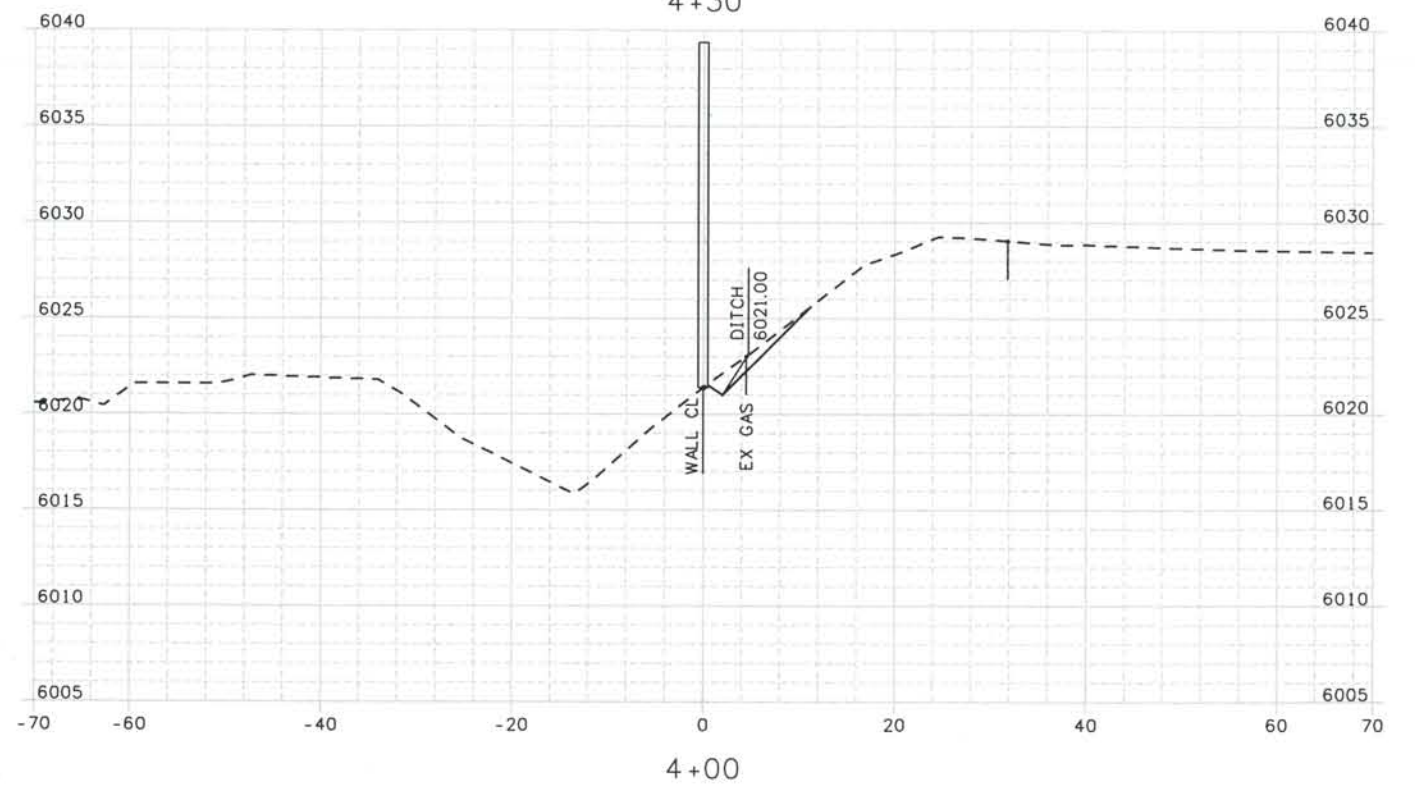
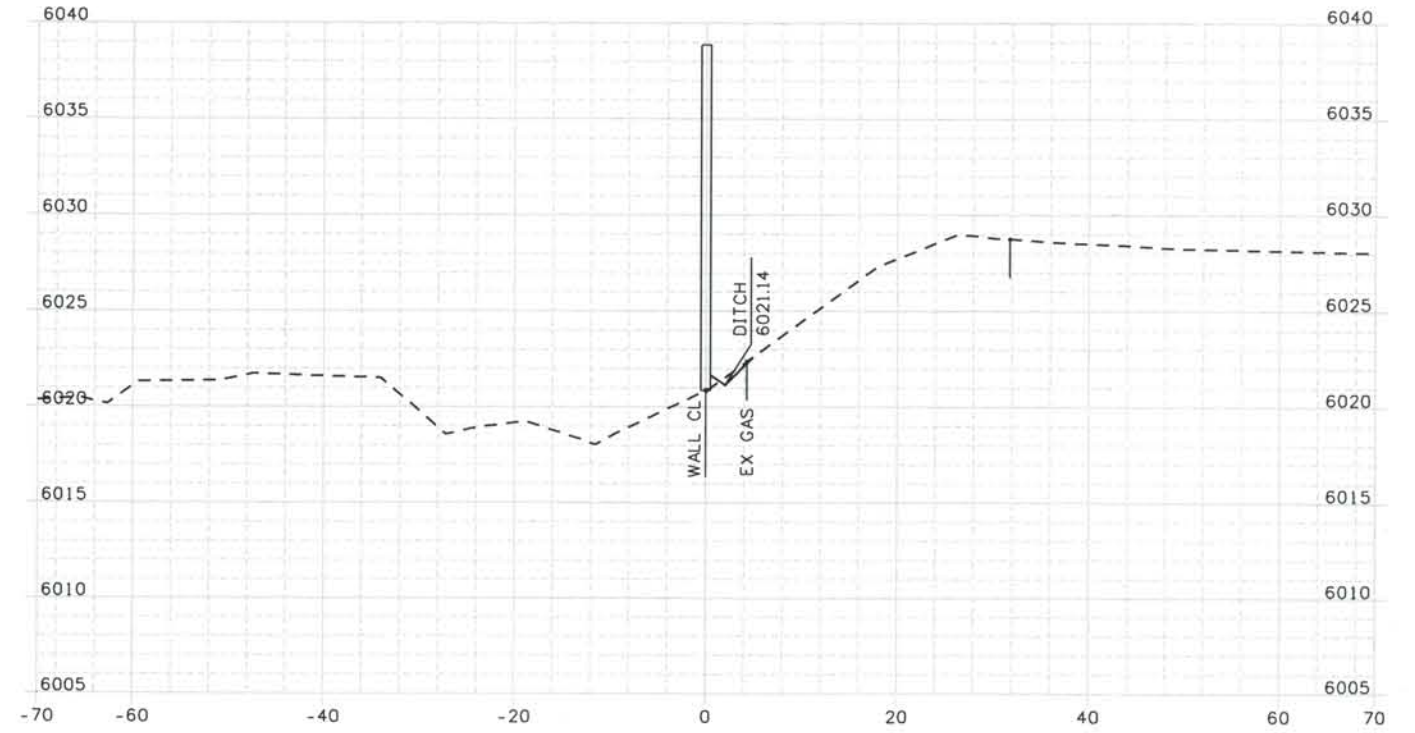
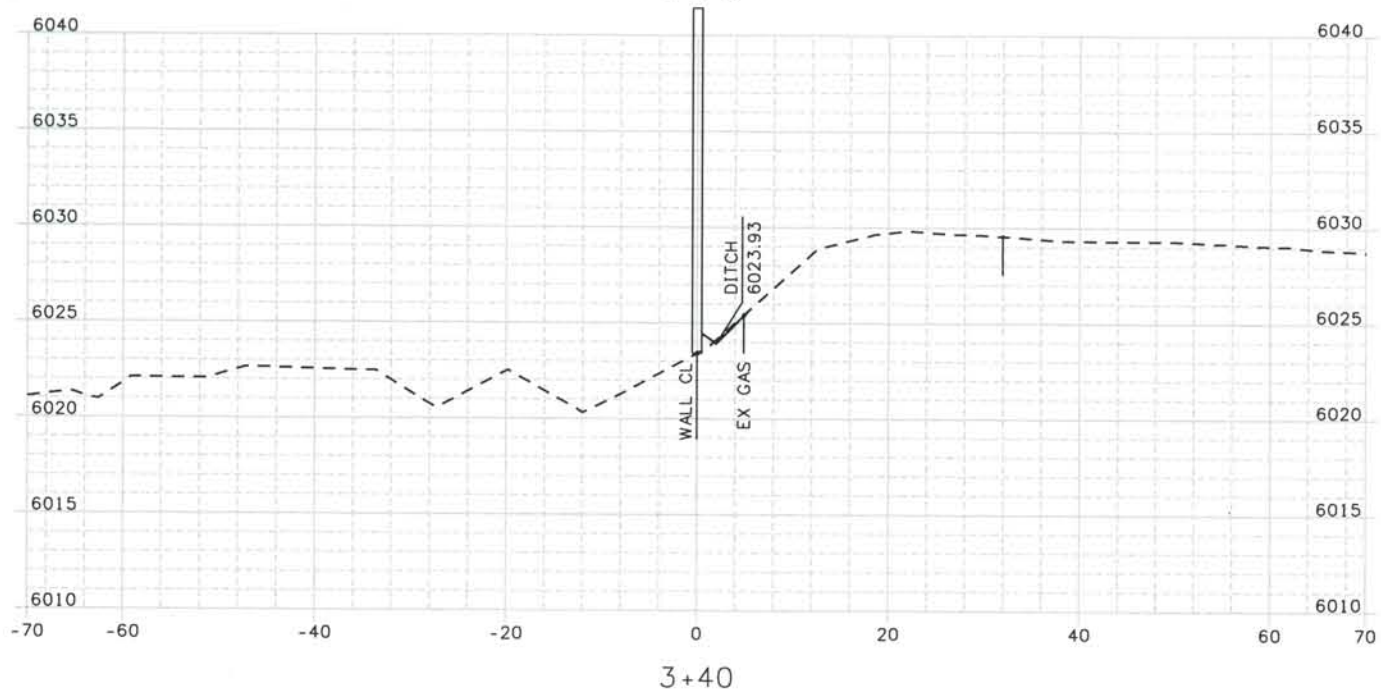
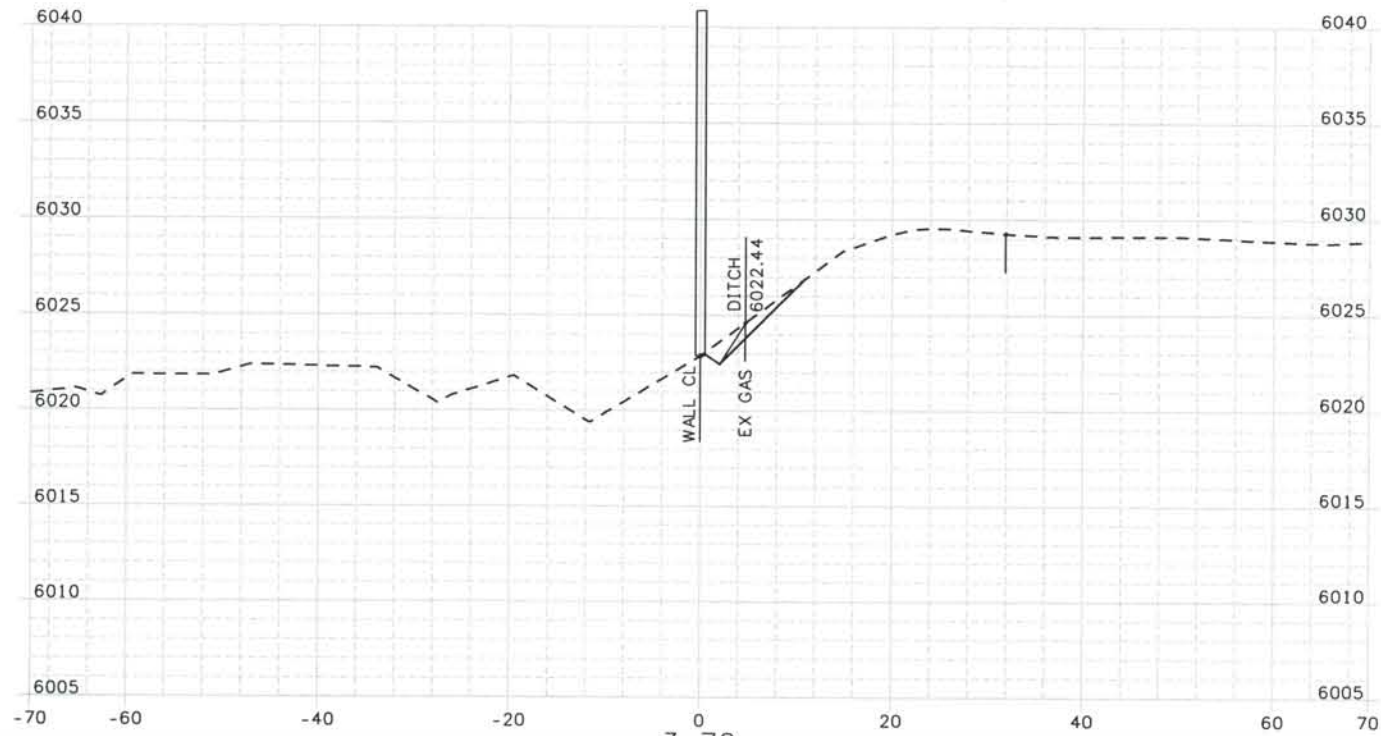
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

Date Plotted: 9/10/2008
 Time Plotted: 9:00:24 AM
 Plotted By: arlynhurst
 CAD Ver.: MicroStation V8 2004

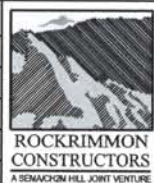
As-Built

327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL *1

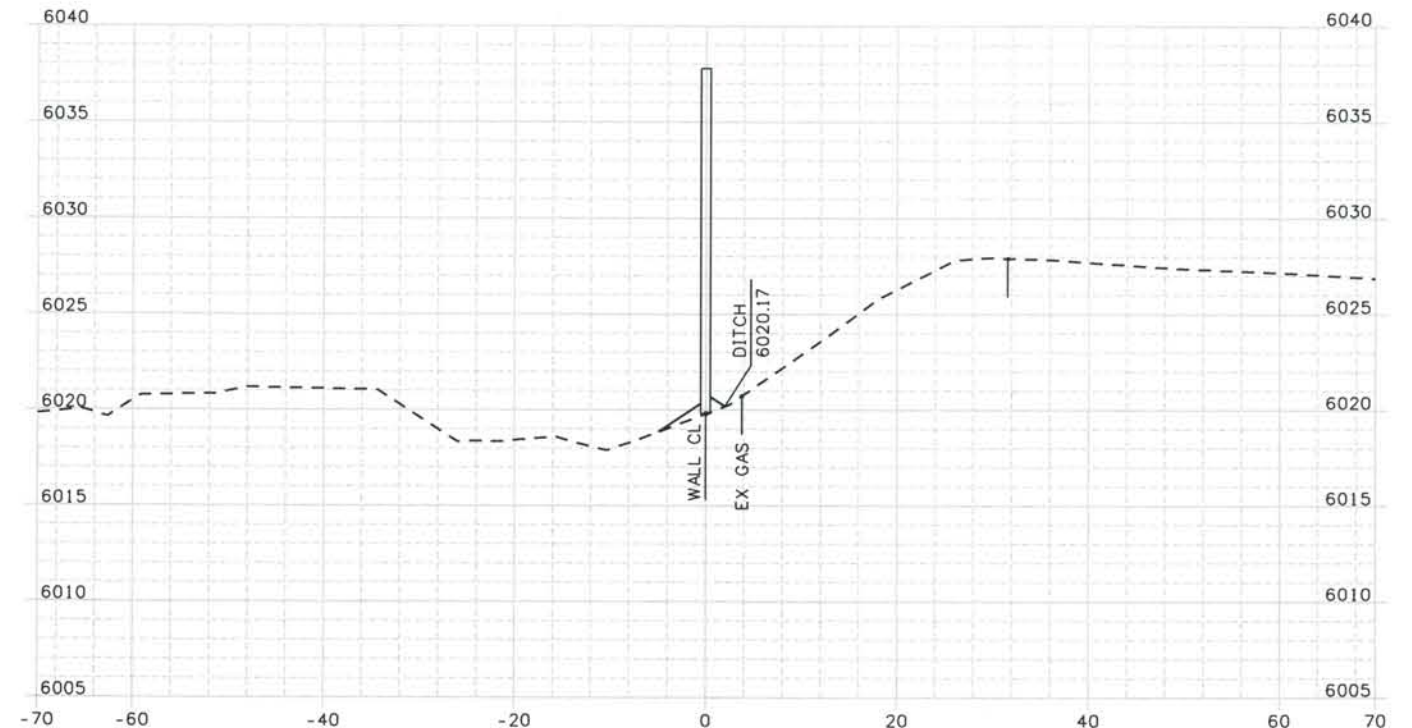
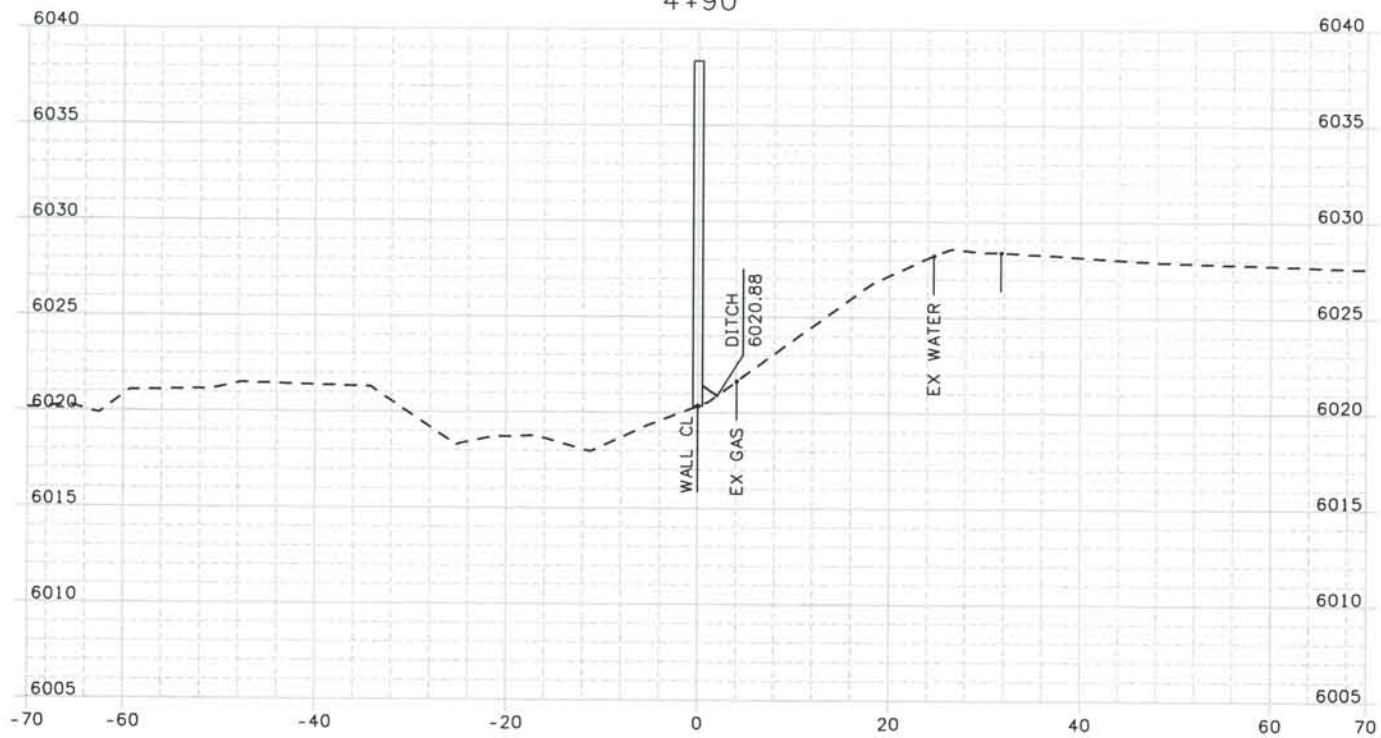
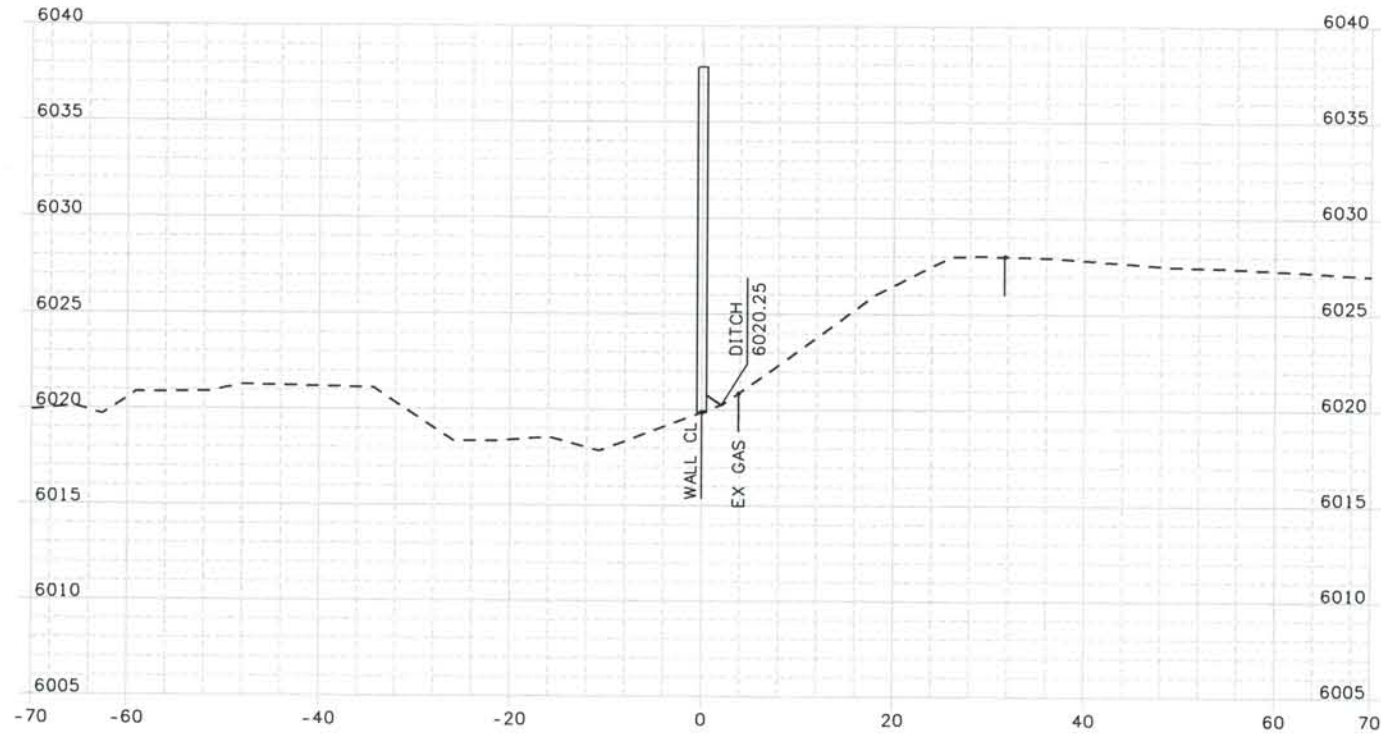
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-SWXS-I2501.DGN
 Drawing Number DSI-X120

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/10/2008
 Time Plotted: 9:00:26 AM
 Plotted By: oriyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED. 08/2008 PROJECT NO. IM 0252-370 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
A	90% DESIGN SUBMITTAL	04/24/06
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL *1

Project No./Code
 IM 0252-370
 S.A. 14740

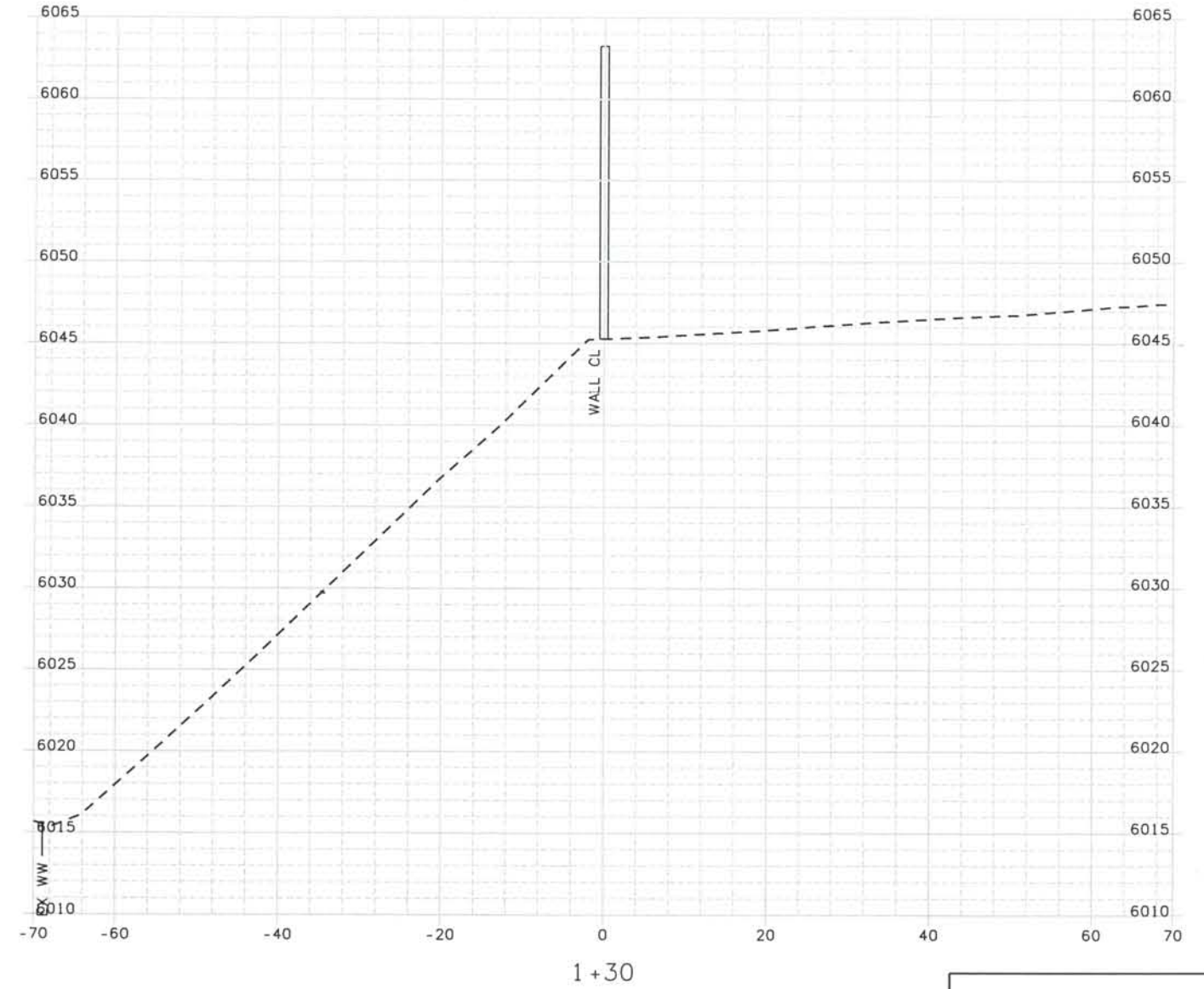
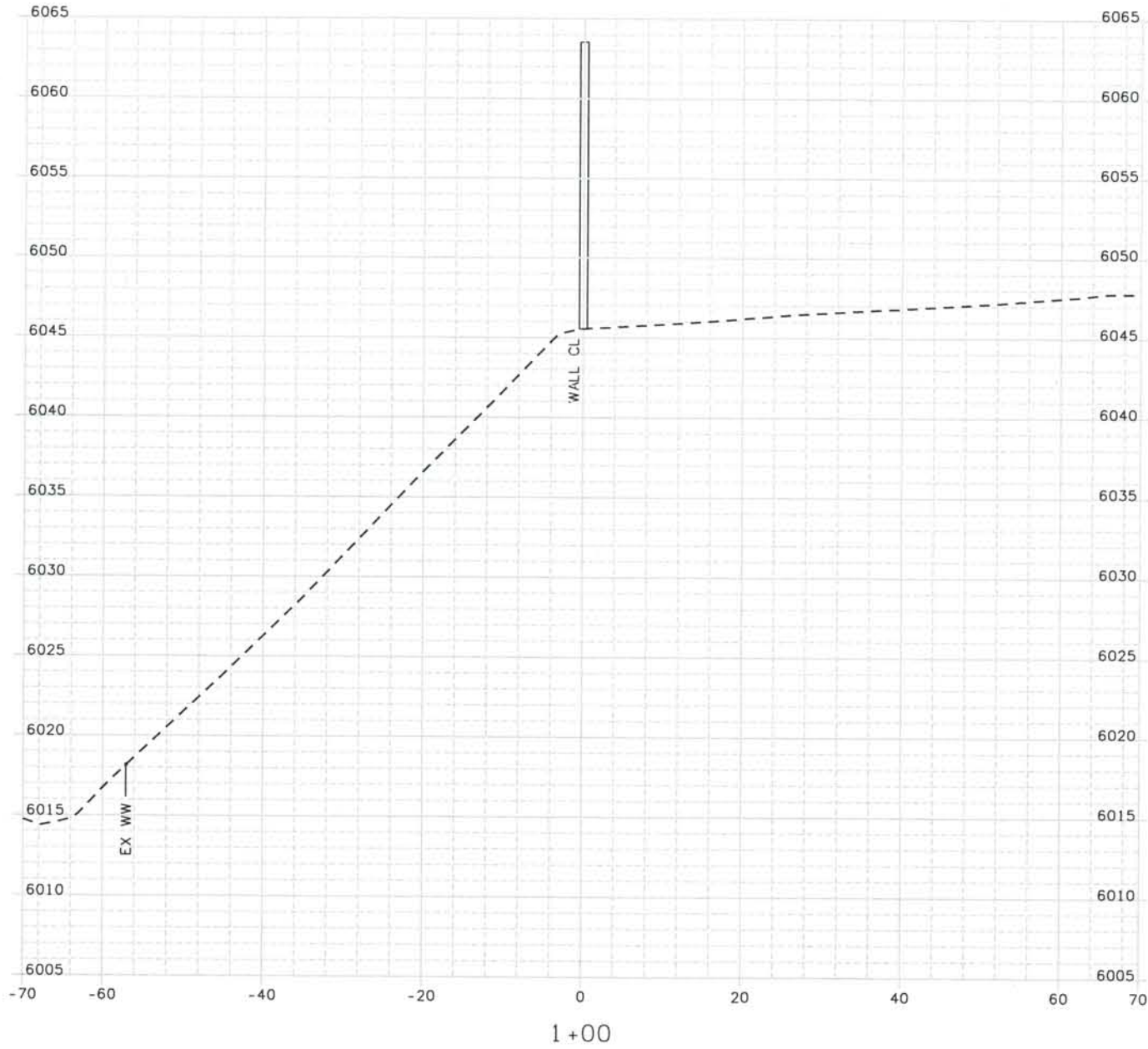
File Name
 DS1-SWXS-12501.DGN

Drawing Number
 DS1-X121

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 9:00:27 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



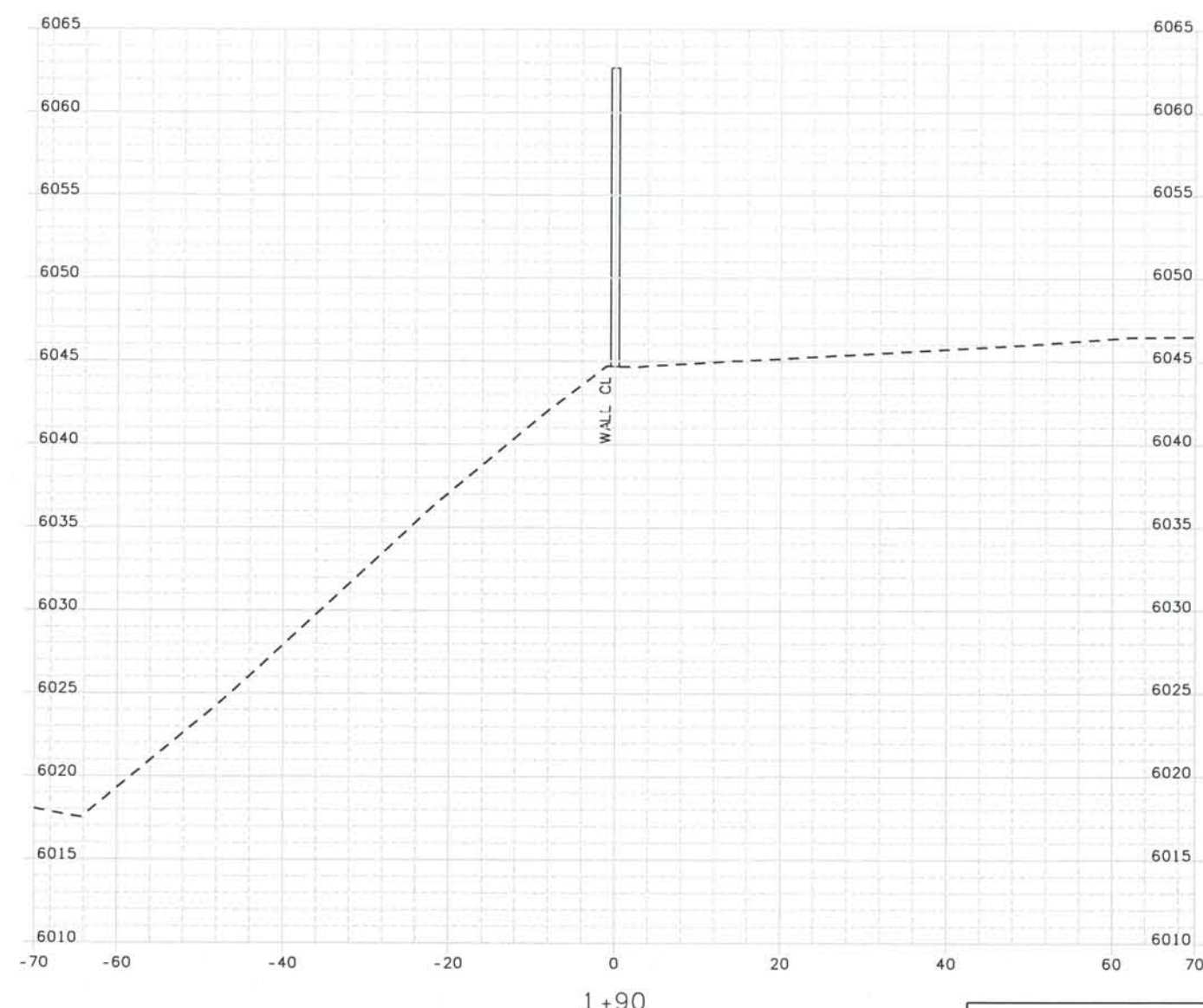
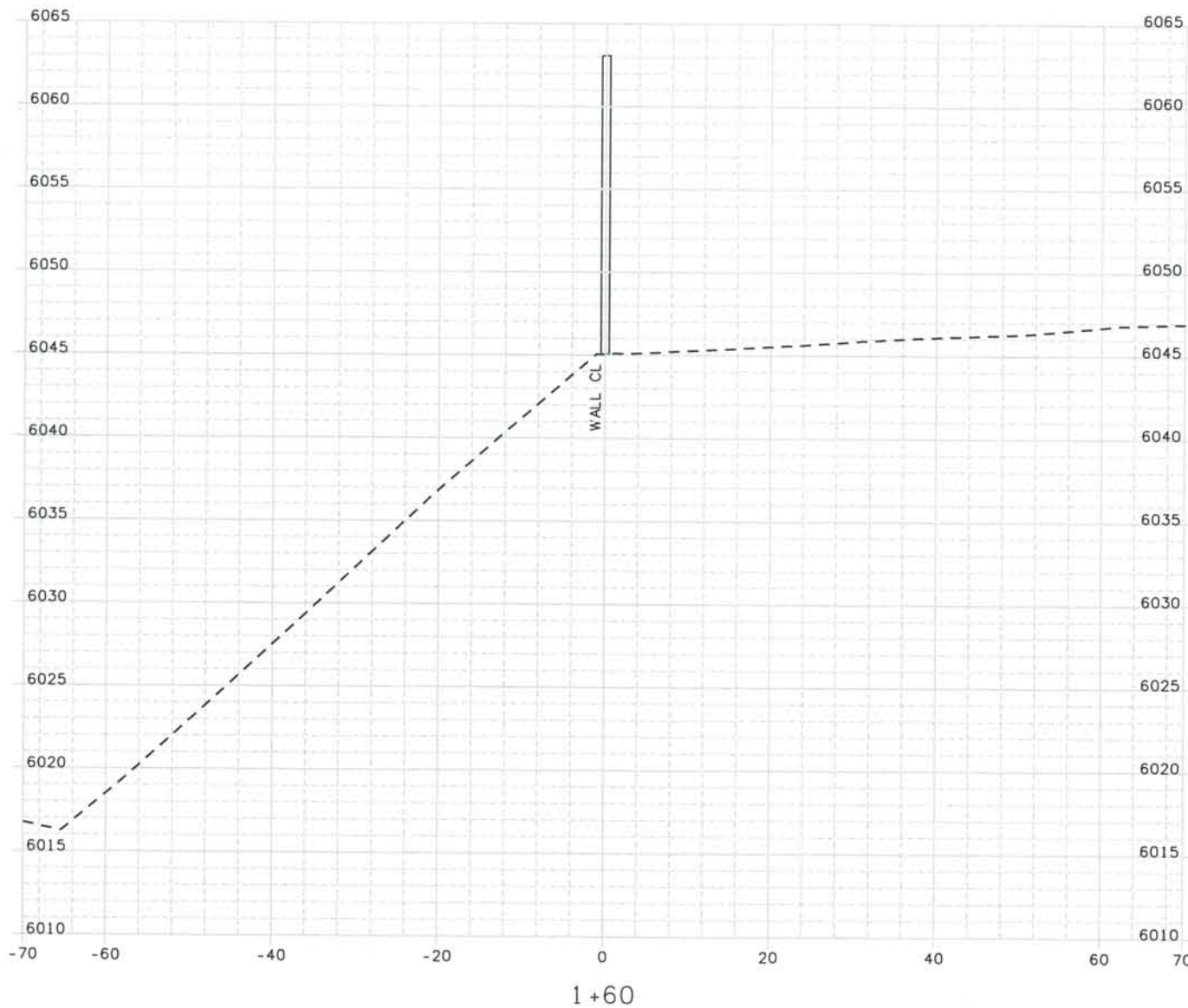
DESIGN SEGMENT 1
NOISE WALL CROSS SECTIONS
MONUMENT VALLEY PARK WALL #2

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-SWXS-I2501.DGN
 Drawing Number DS1-X122

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/10/2008
 Time Plotted: 9:00:29 AM
 As-Built
 327504.DS1
 Plotted By: orlynhurst
 CAD Ver.: MicroStation V8 2004
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



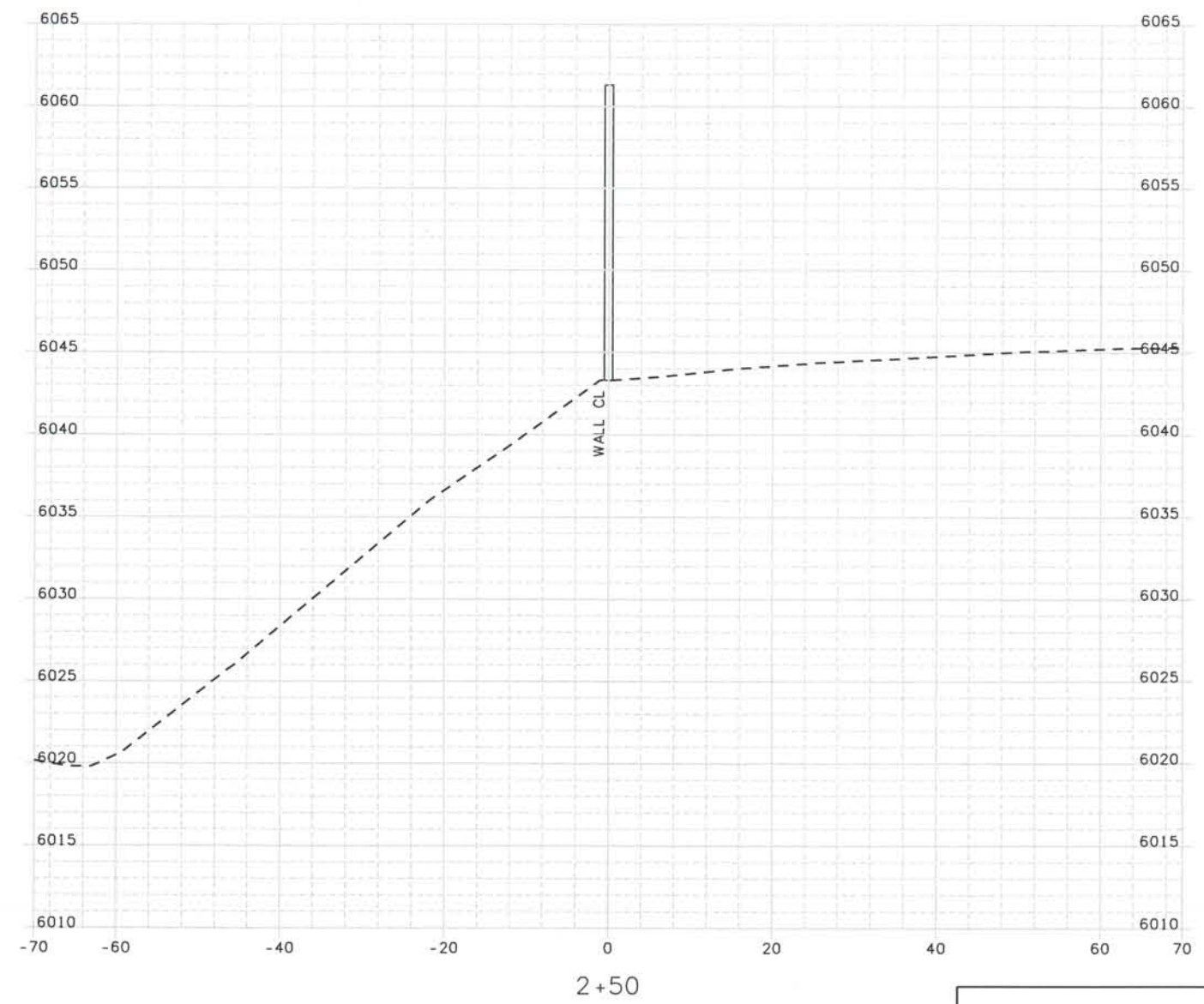
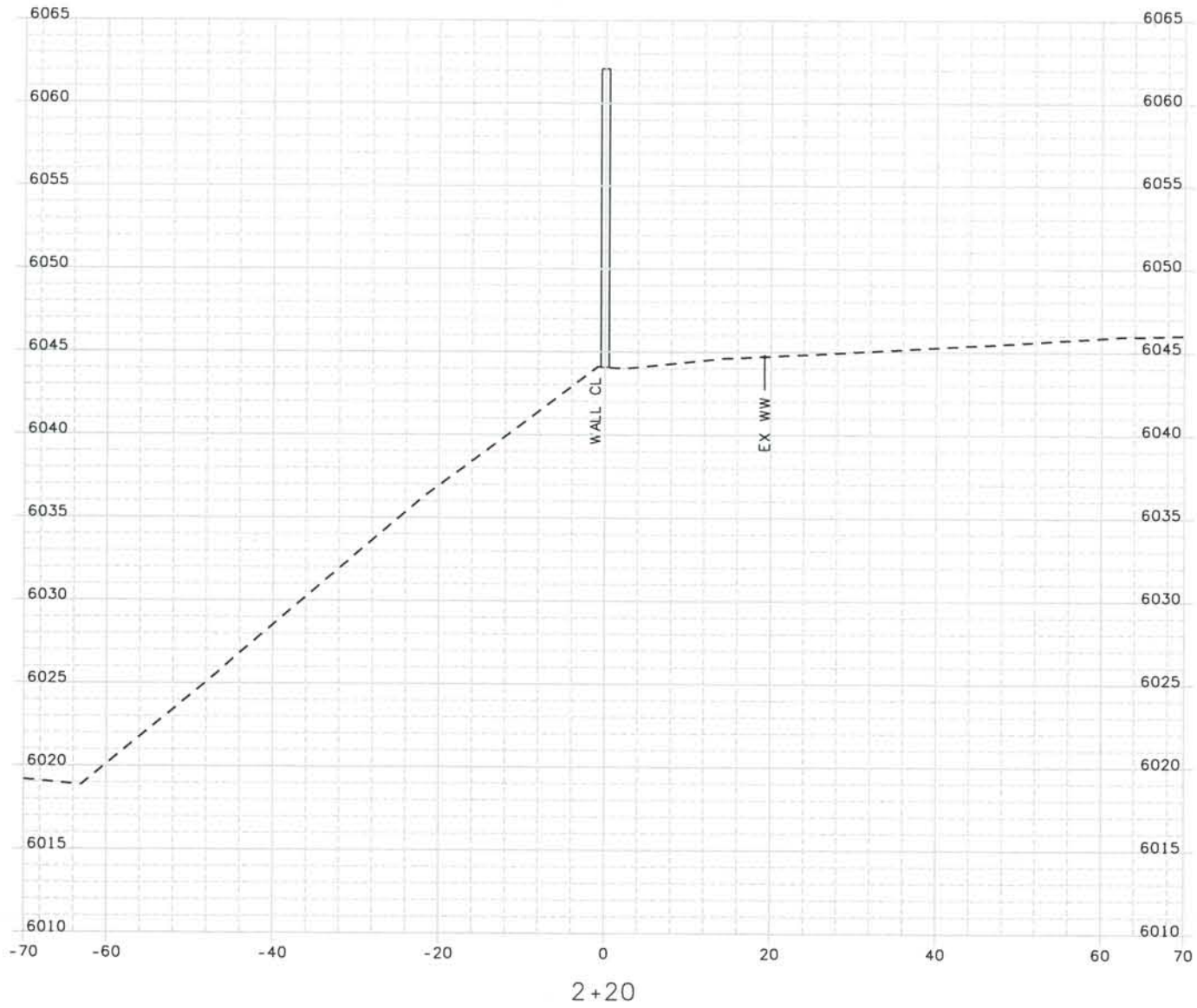
DESIGN SEGMENT 1
NOISE WALL CROSS SECTIONS
MONUMENT VALLEY PARK WALL #2

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-SWXS-12501.DGN
 Drawing Number DS1-X123

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 9:00:30 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL #2

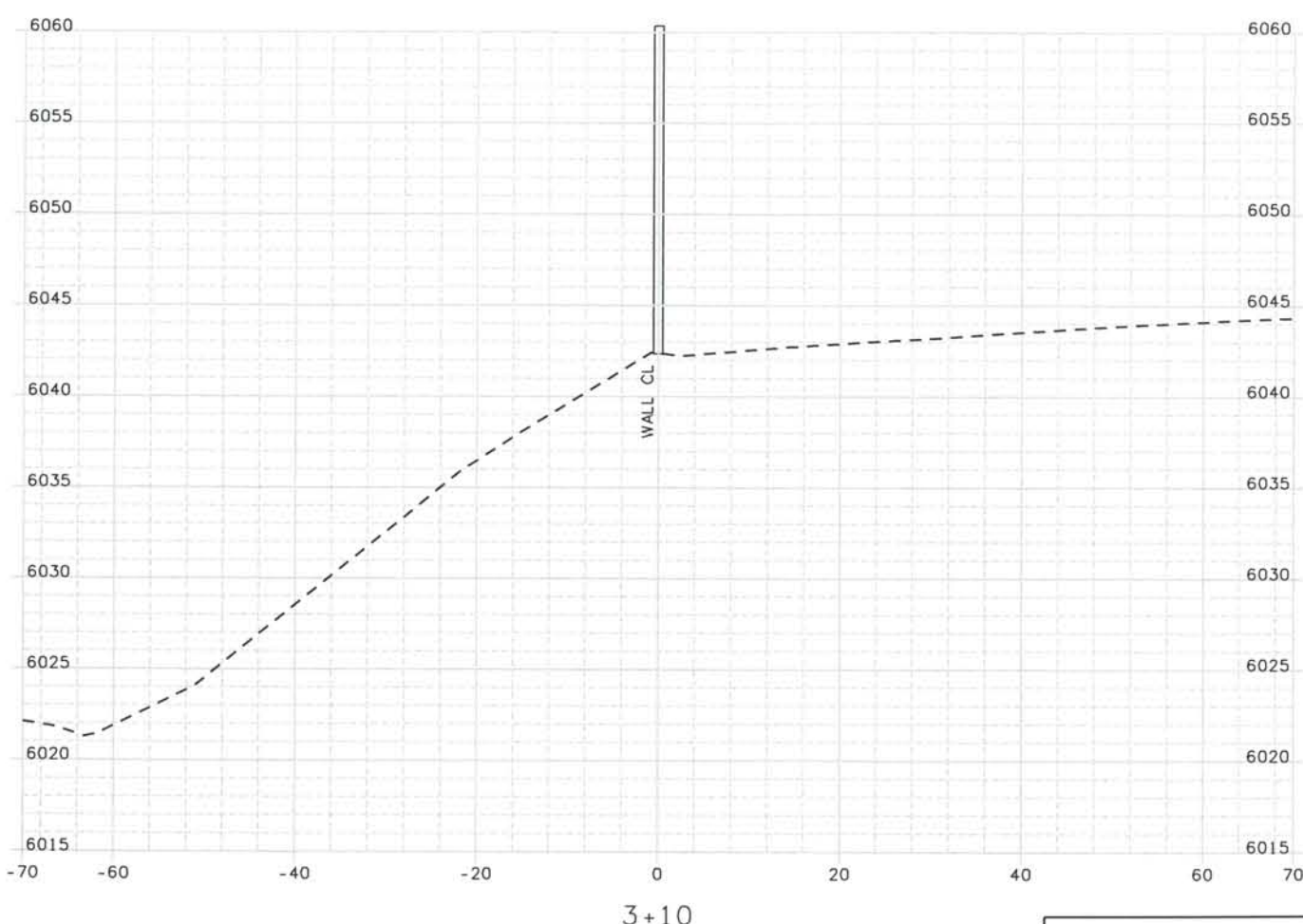
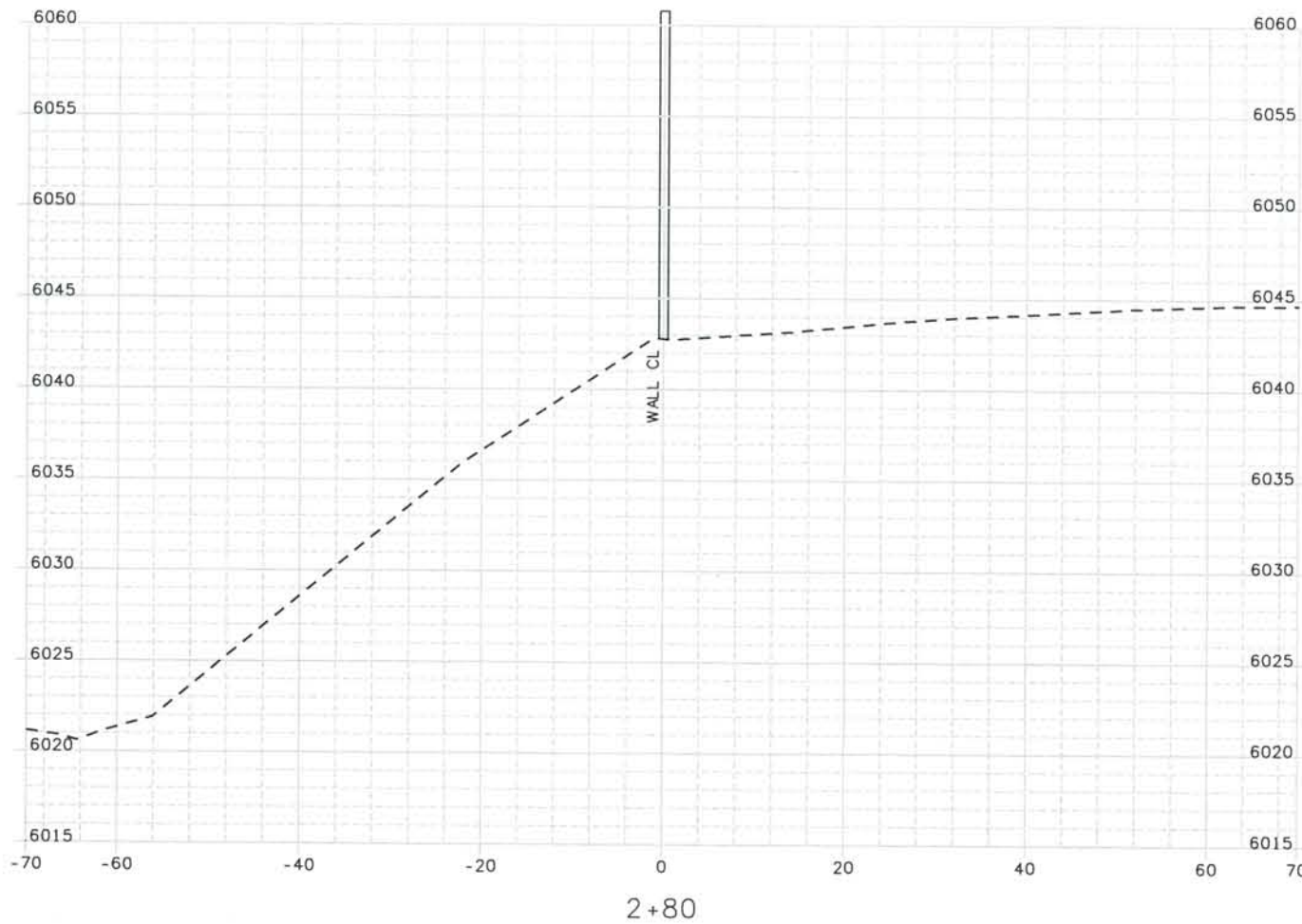
Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-SWXS-12501.DGN
 Drawing Number DS1-X124

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

Date Plotted: 9/10/2008
 Time Plotted: 9:00:31 AM
 Plotted By: oriyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL *2

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-SWXS-I2501.DGN
 Drawing Number DS1-X125

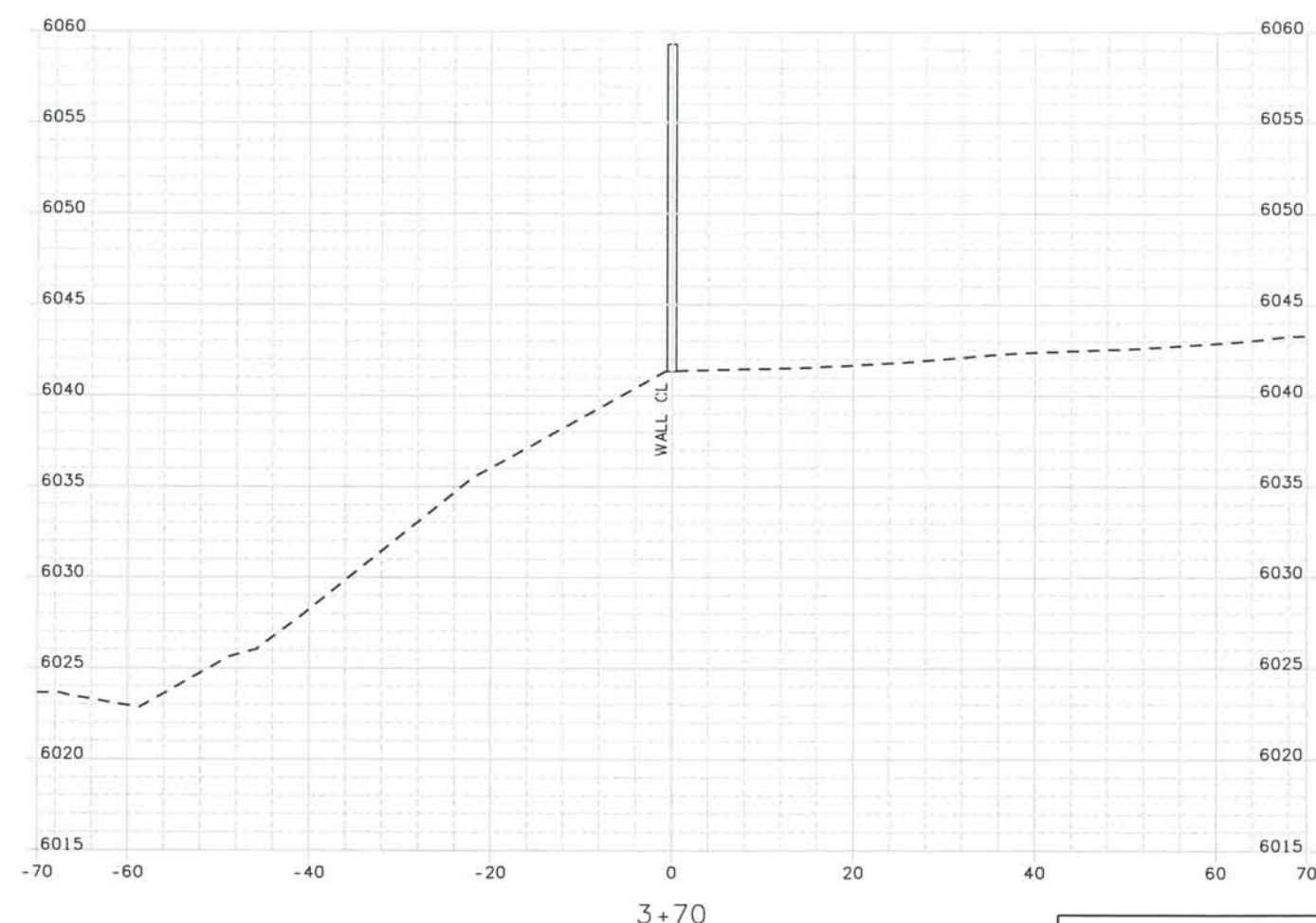
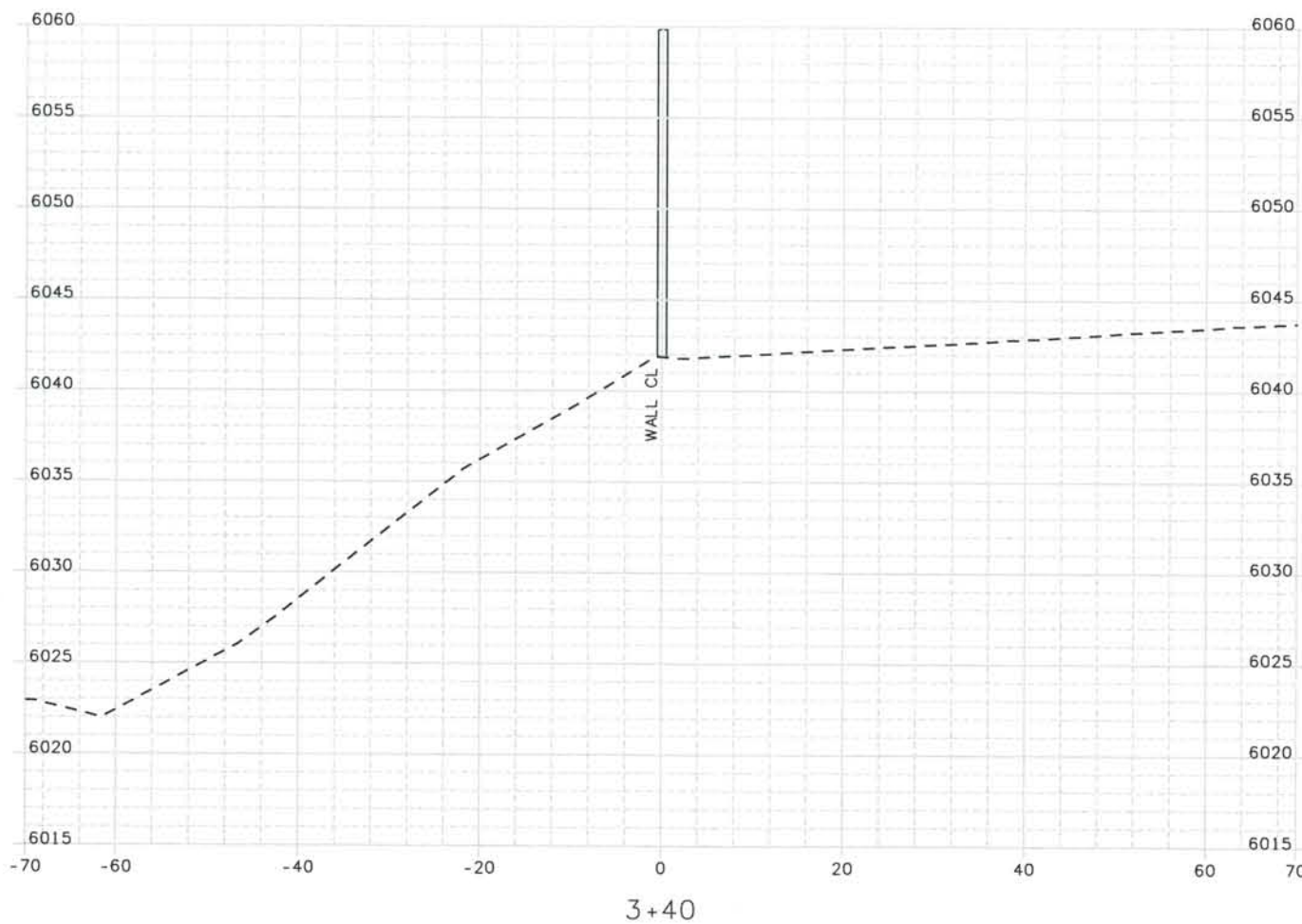
THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

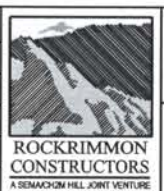


Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 9:00:32 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004

As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL *2

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DSI-SWXS-I2501.DGN
 Drawing Number DSI-X126

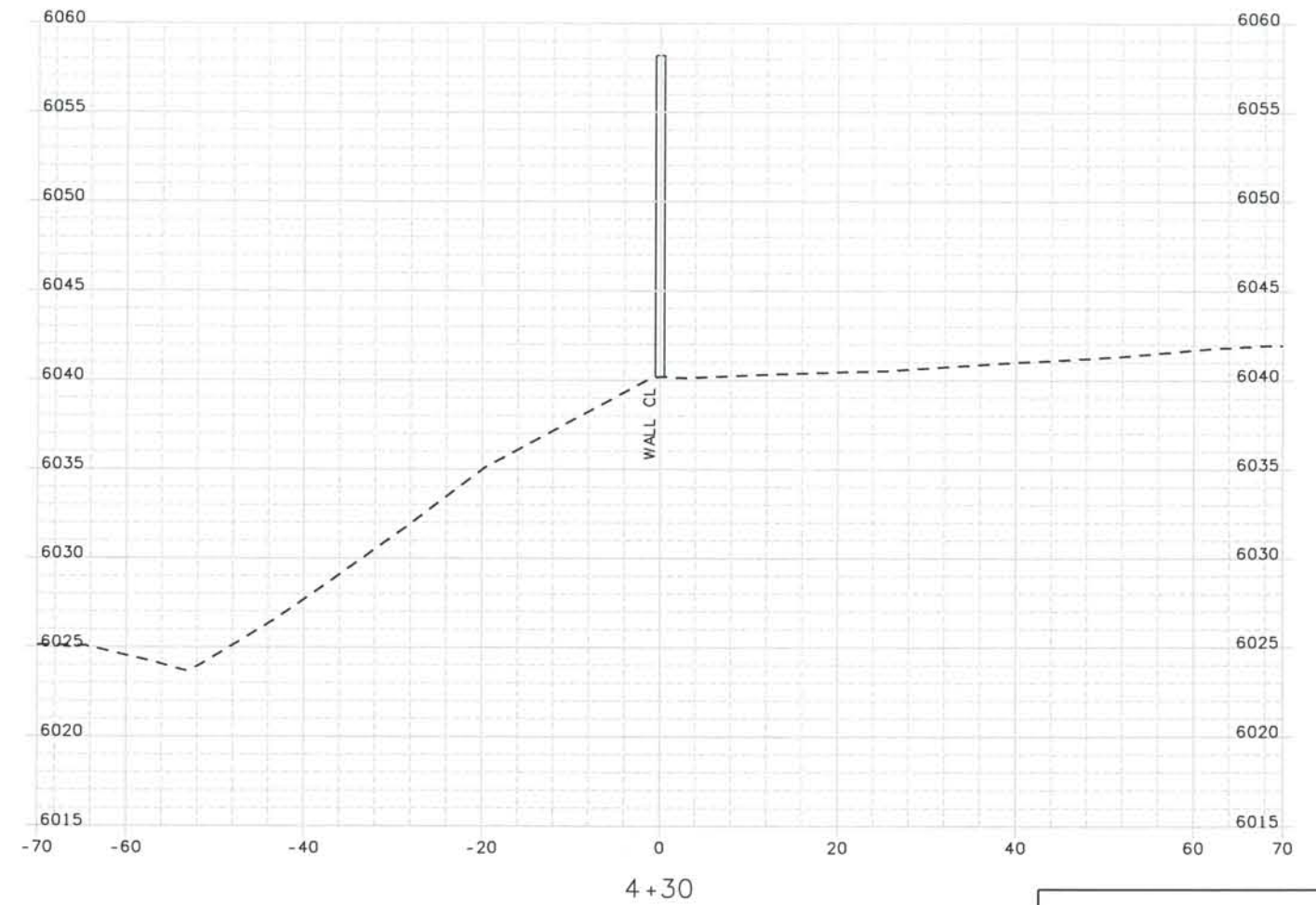
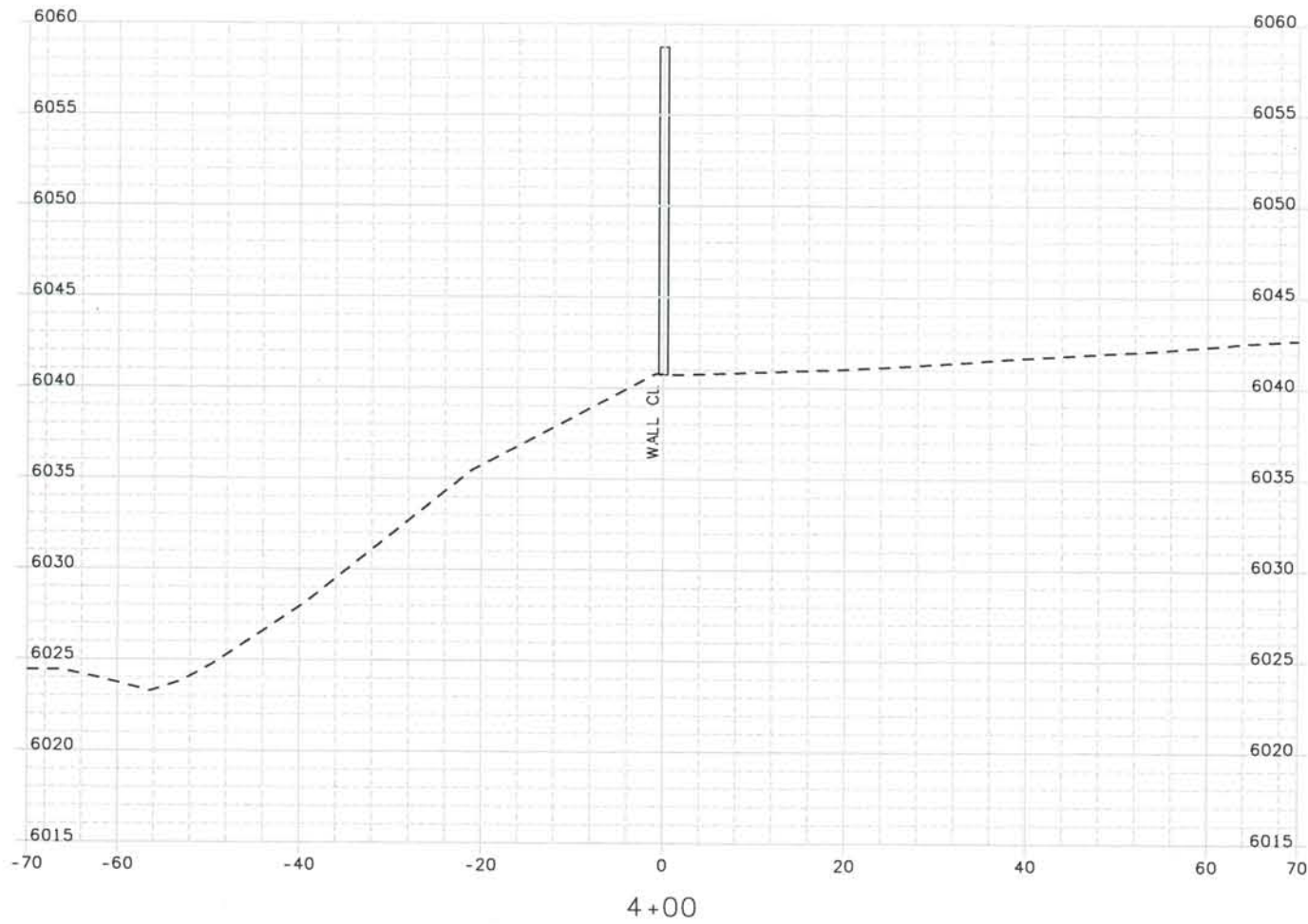
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

As-Built 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot

Computer File Information

Date Plotted: 9/10/2008
 Time Plotted: 9:00:33 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



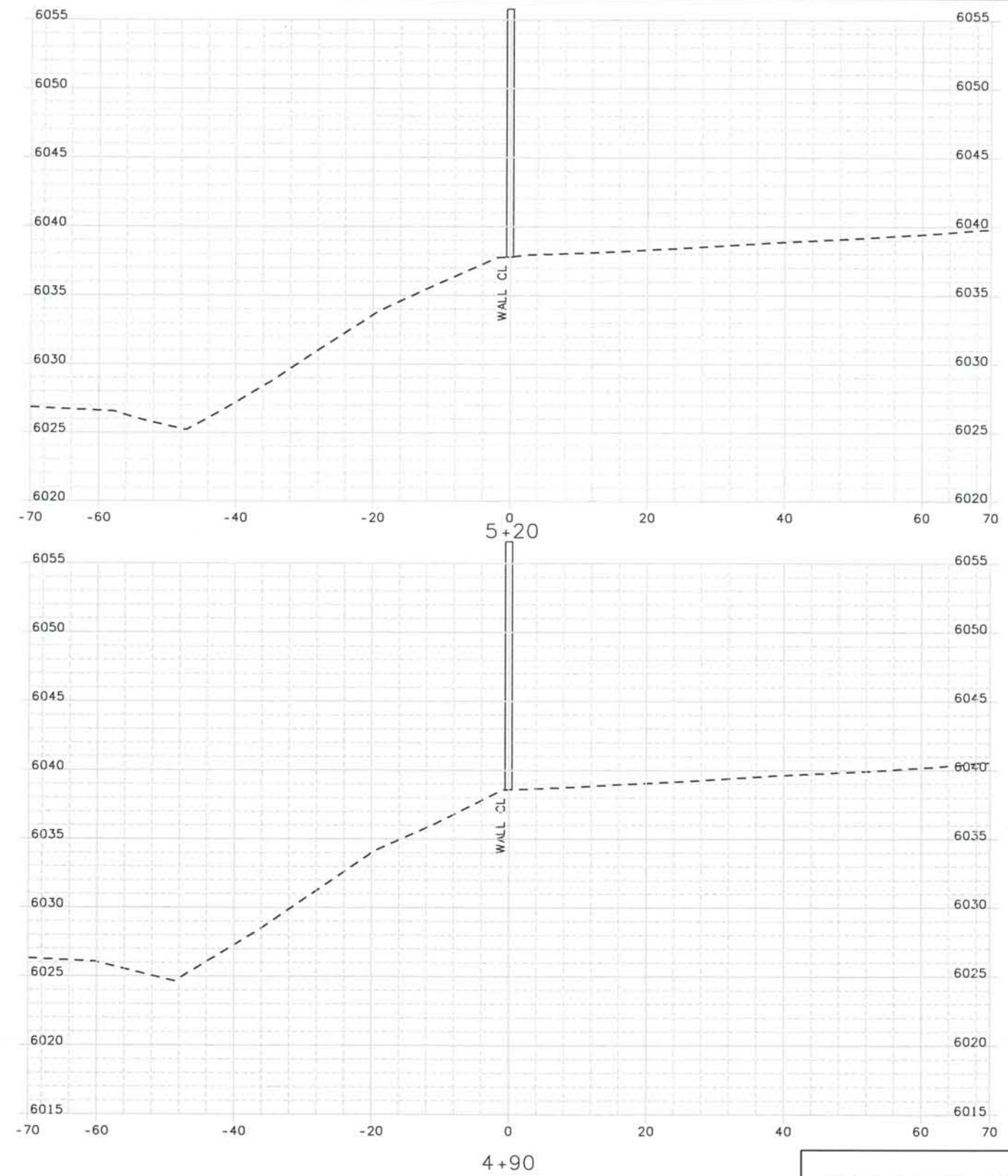
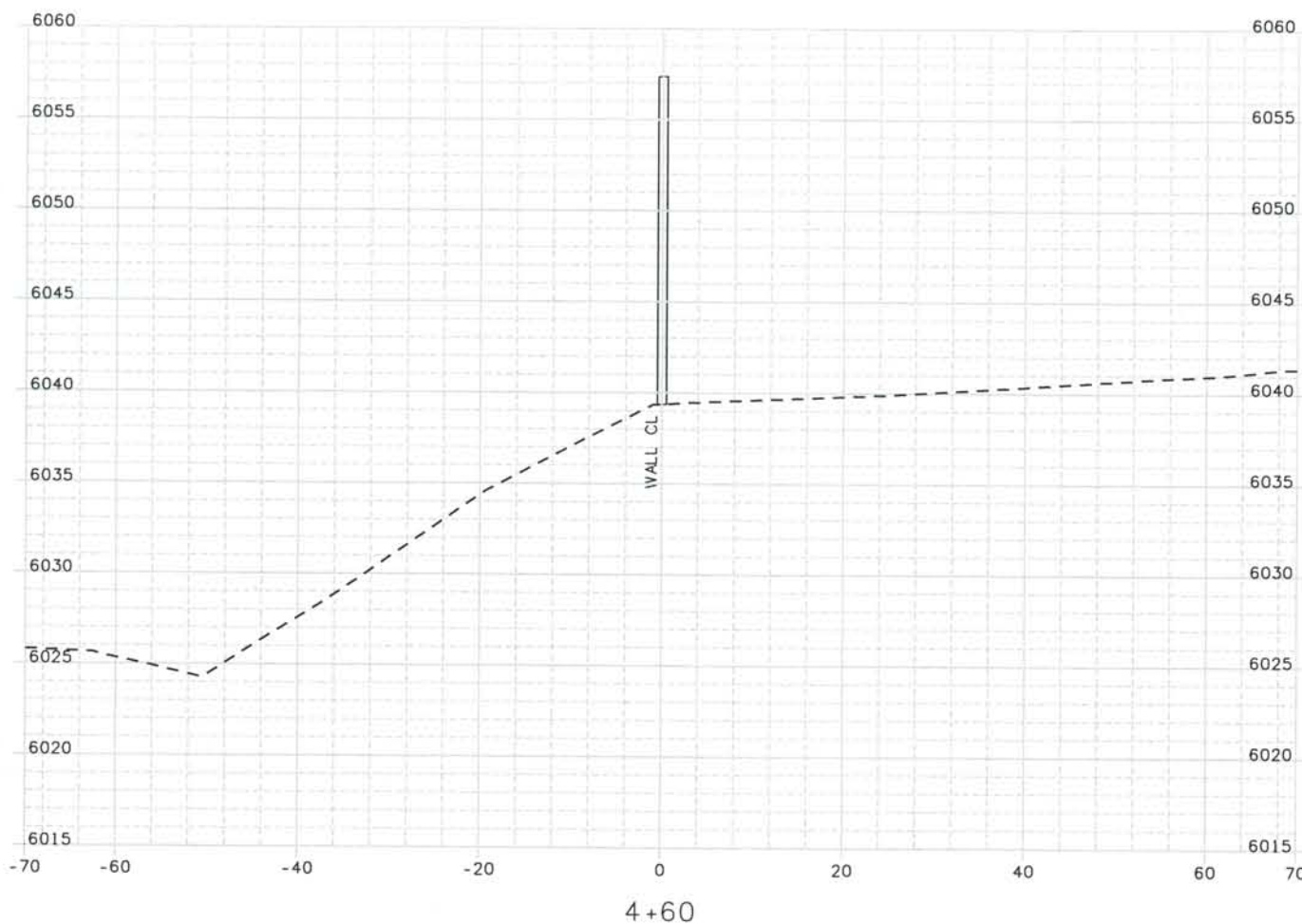
DESIGN SEGMENT 1
NOISE WALL CROSS SECTIONS
MONUMENT VALLEY PARK WALL #2

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name DS1-SWXS-I2501.DGN
 Drawing Number DS1-X127

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 9:00:34 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL #2

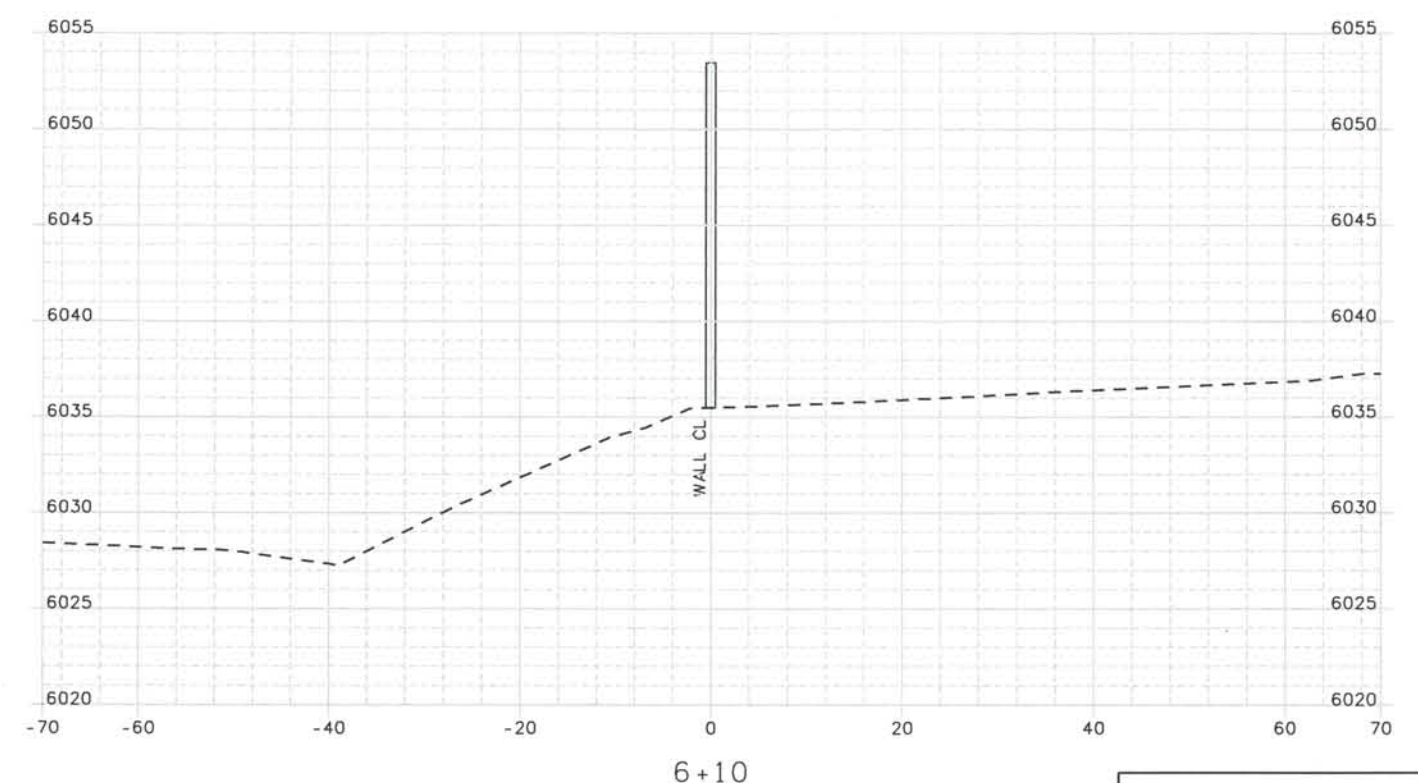
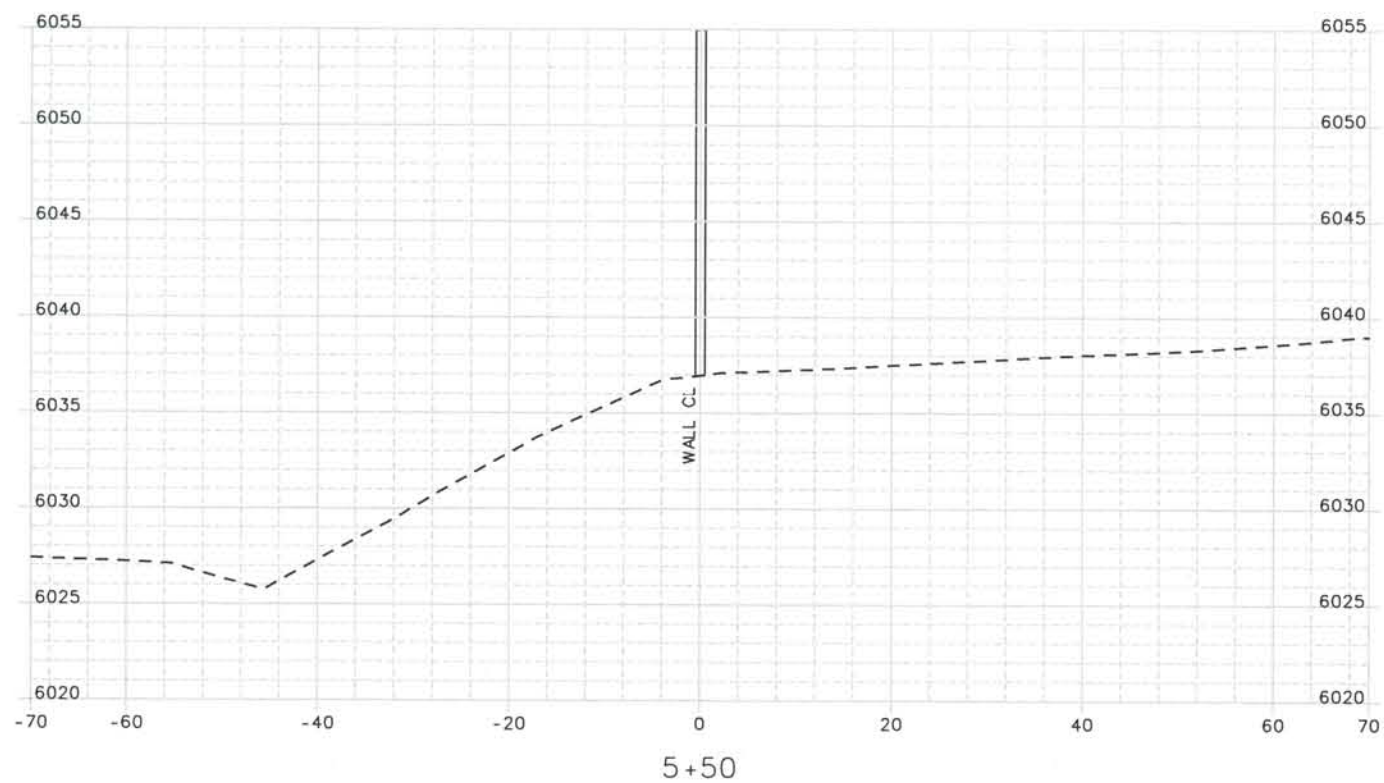
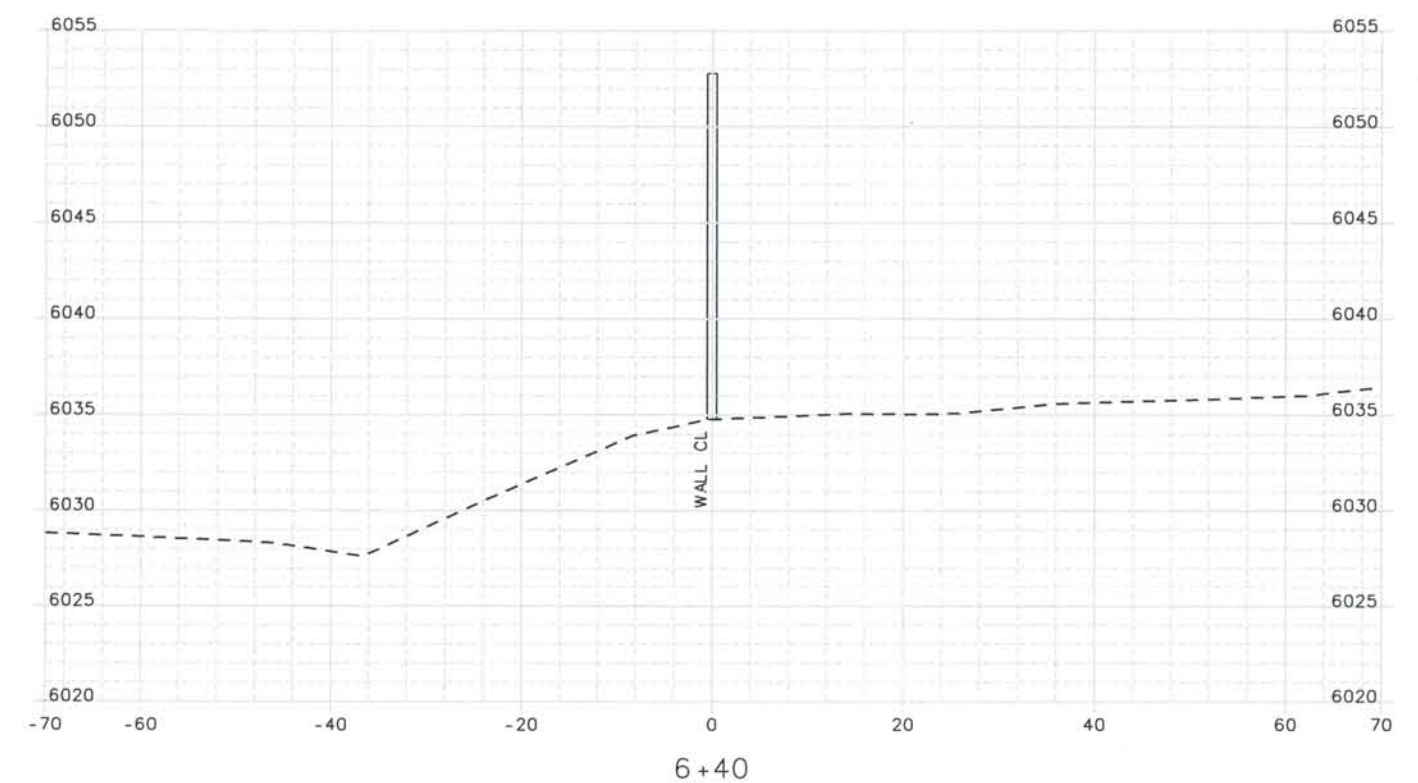
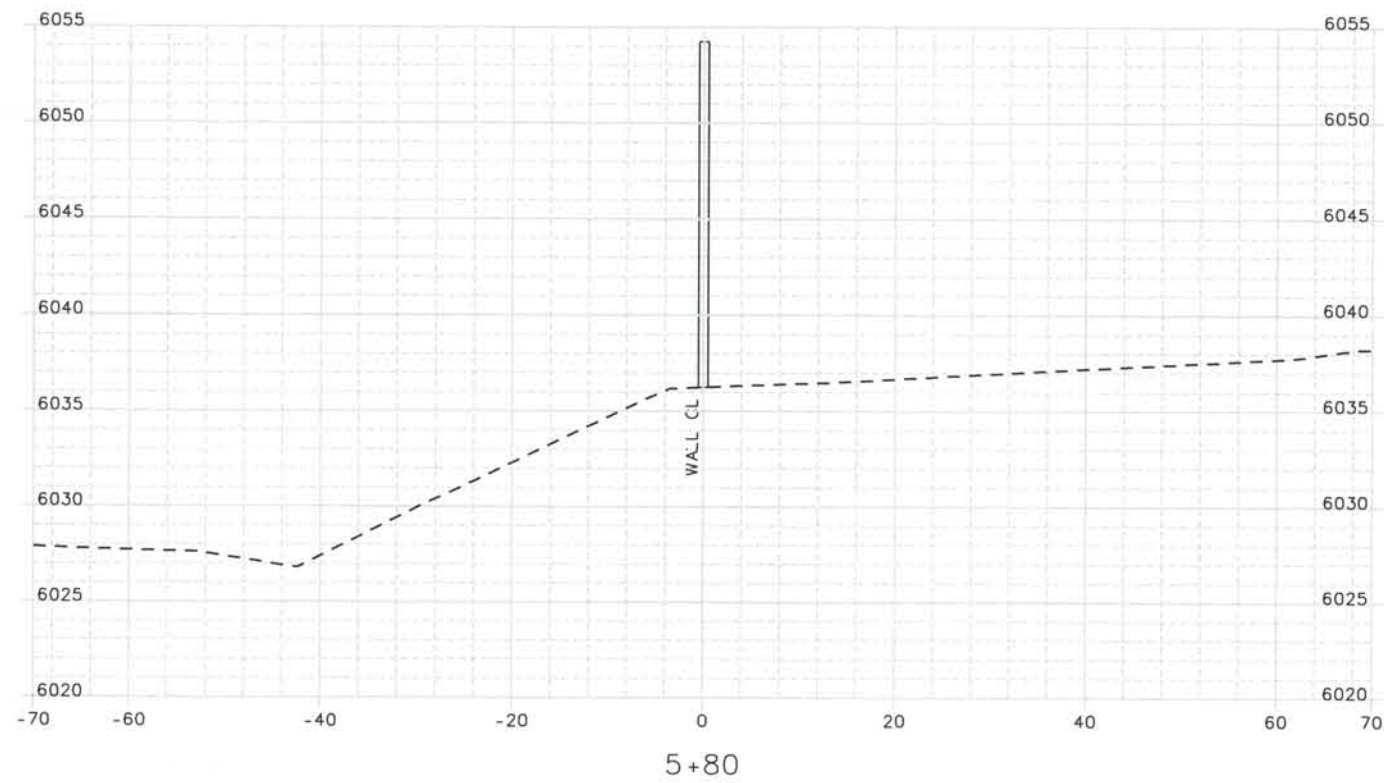
Project No./Code
 IM 0252-370
 S.A. 14740

File Name DS1-SWXS-12501.DGN
 Drawing Number DS1-X128

THE CONTRACT DOCUMENT DRAWINGS ARE THE PRINTED DOCUMENTS DATED JUNE, 2007 AS SUBSEQUENTLY OFFICIALLY AMENDED, WHICH DEFINE THE SCOPE, EXTENT, AND CHARACTER OF THE WORK. THIS CONTRACT DOCUMENT DRAWING WAS SEALED AND SIGNED BY TIMOTHY D. EVERSOLL COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Date Plotted: 9/10/2008
 Time Plotted: 9:00:36 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DS1
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
 NOISE WALL CROSS SECTIONS
 MONUMENT VALLEY PARK WALL *2

Project No./Code
 IM 0252-370
 S.A. 14740

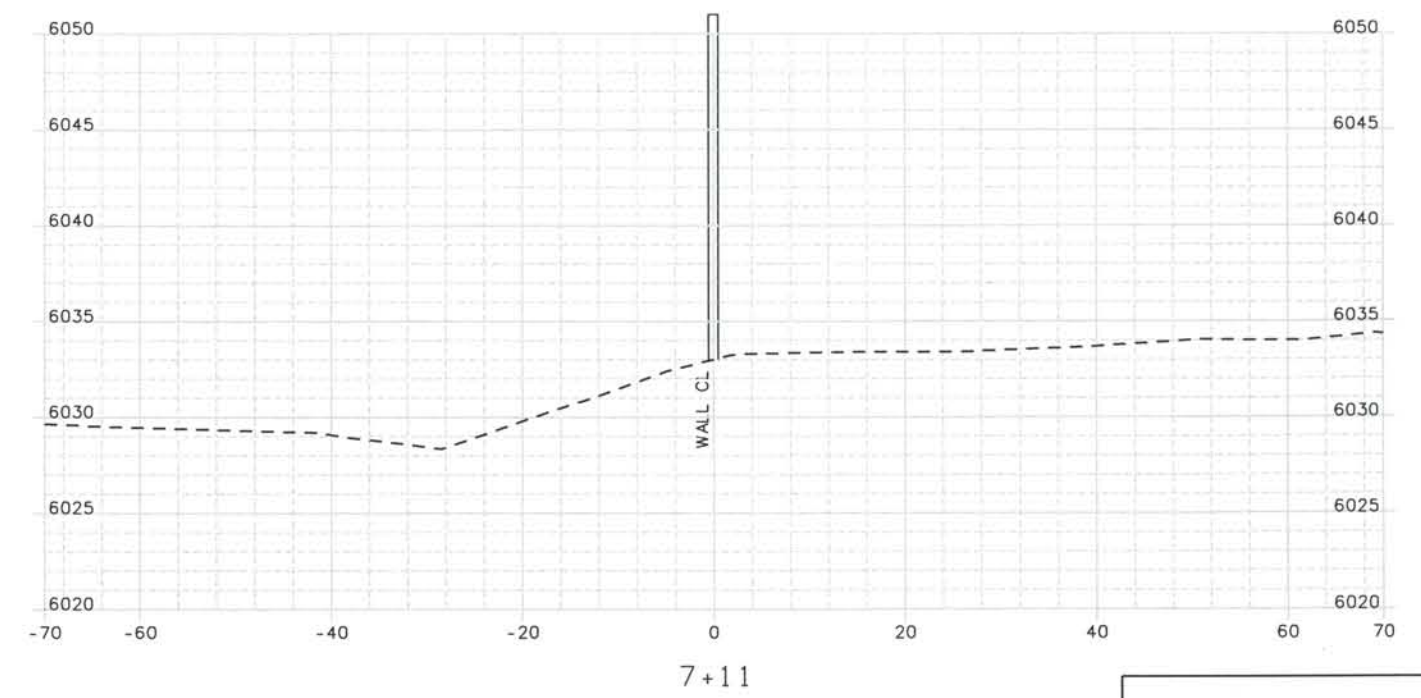
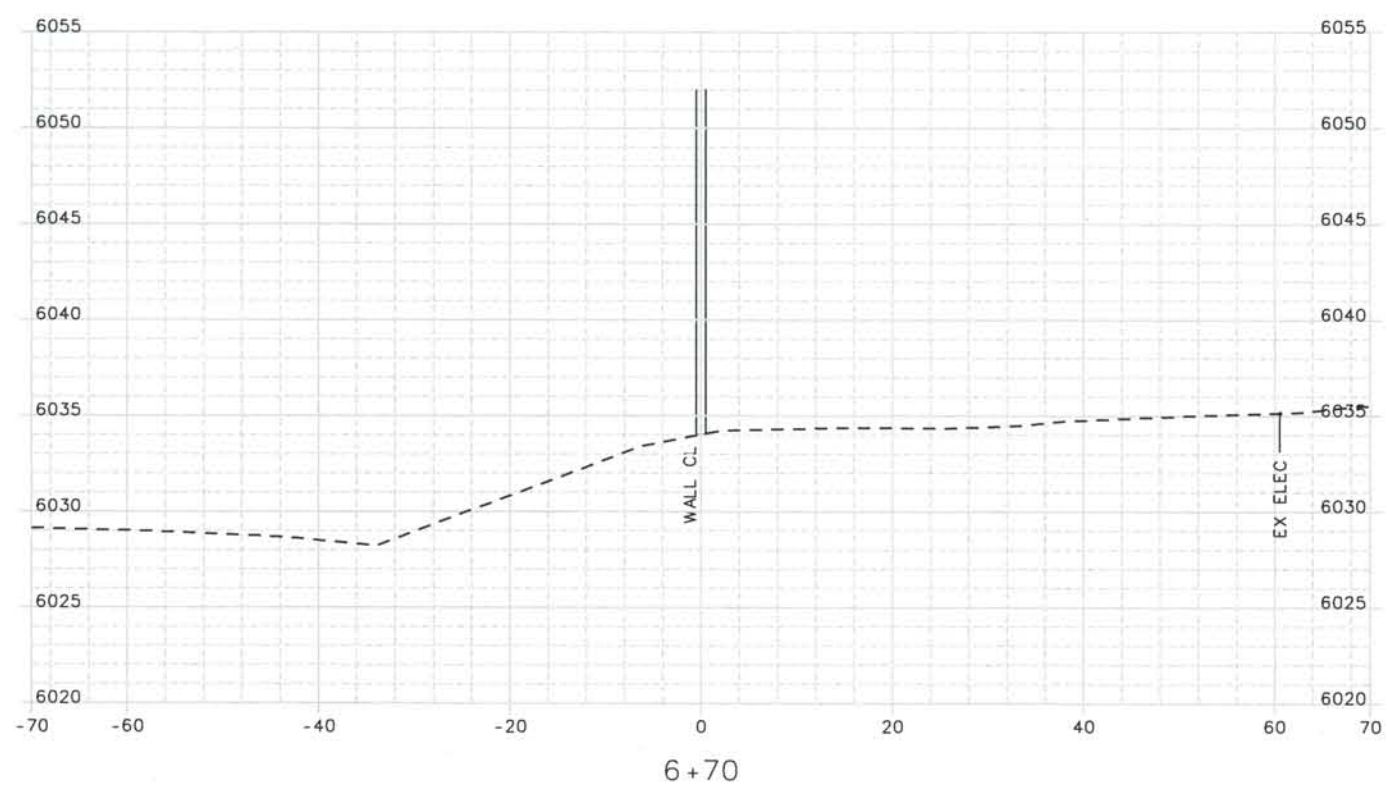
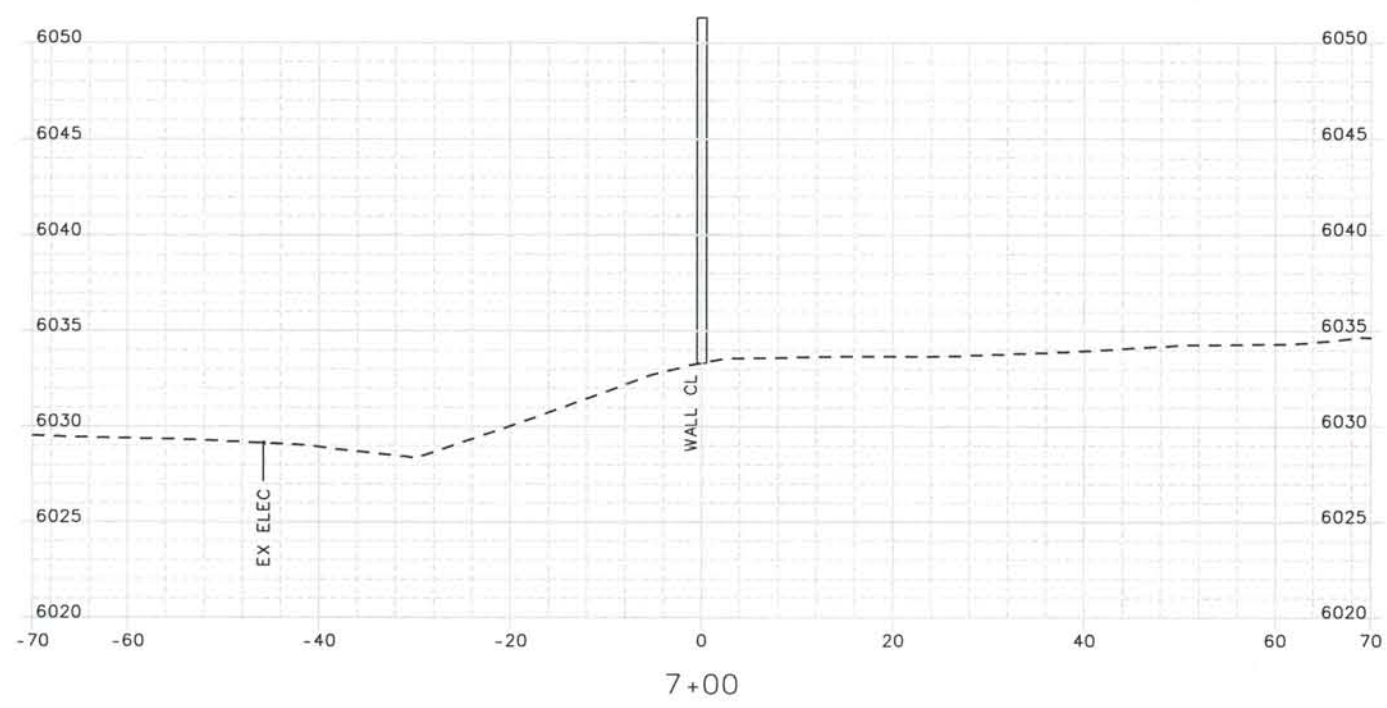
File Name
 DSI-SWXS-12501.DGN

Drawing Number
 DSI-X129

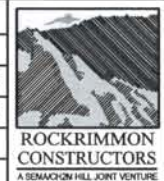
THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469

THIS AS-BUILT DRAWING IS CERTIFIED BY ROCKRIMMON
 CONSTRUCTORS TO BE REVISED AS CONSTRUCTED.
 08/2008 PROJECT NO. IM 0252-370
 DESIGN MANAGER: MARK LAMUTT

Computer File Information
 Date Plotted: 9/10/2008
 Time Plotted: 9:00:37 AM
 Plotted By: artyhurst
 CAD Ver.: MicroStation V8 2004
 As-Built
 327504.DSI
 Scale: 20 at 11x17 Units: US Survey Foot



ISSUE RECORD		
NO.	DESCRIPTION	DATE
1	APPROVED FOR CONSTRUCTION SUBMITTAL	05/24/06
2	AS-BUILT PLANS SUBMITTAL	08/15/08



DESIGN SEGMENT 1
NOISE WALL CROSS SECTIONS
MONUMENT VALLEY PARK WALL *2

Project No./Code
 IM 0252-370
 S.A. 14740
 File Name
 DSI-SWXS-12501.DGN
 Drawing Number
 DSI-X130

THE CONTRACT DOCUMENT
 DRAWINGS ARE THE PRINTED
 DOCUMENTS DATED
 JUNE, 2007
 AS SUBSEQUENTLY OFFICIALLY
 AMMENDED, WHICH DEFINE
 THE SCOPE, EXTENT, AND
 CHARACTER OF THE WORK.
 THIS CONTRACT DOCUMENT
 DRAWING WAS SEALED AND
 SIGNED BY
 TIMOTHY D. EVERSOLL
 COLORADO P.E. NO. 33469