theographica or leader and bester gata

POSTECT	DELEGIE LOTYLA	DEM SHEETSON				
	IN FI.	uth, 27.				
151-31.60 10 13:97.82	AP39, 70 P201.					
35-97.82 86618 1 73-5(83)220 * (5-97.8)	i	; ć				
52-11-47	2542.65					
105+57,28 840 1 /0+3(83)/20 1	1	1316.31				
135757.28 00 1 70-7(81)320						
25+53.19 .0 215-70.00		AFRP. TO 2301				
PERMITTOTAL	2612.55	J16.61				
SUMMARY SUMMIT COUNTY SISSA CREEK COUNTY	118. FT. 2642.35 8318.31	¥1L€S 0 50: 1.!96				
MST AND GROSS LENGTH	8959 89	1,697				
368	IGN DATA					
MAXIMUM DEGREE OF CURVE		30 301				
COARD RUHIYAN		2.23%				
JATHOSISON CZZ MURINIM		35 0				
MIMINUM SSO VERTICAL		490'				
, MAXIKUM BESIGN SPEED		SOM.F.B.				
		15,500 toT				
1934 OSSIGN TRAFFIC		2.060 00HY				

DEPARTMENT OF MIGHWAYS STATE OF COLORAGO

PLAN AND PROFILE OF EXCEPCISED AS CONSTRUCTED FEDERAL AID PROJECT NO. 170-3 (83) 220 STATE HIGHWAY NO. 70

****** #512 DIVISOR PM | COLOFADO | 170 - 4 (83) 220

R.O.W. Acquired Uniter (170-3 (14)220 {1.70-3(16) [1.70-3(26)

PE, and Utilities under I 70-3(78)

(R-1) Signature, Title Block -10-17-78-18.

SUMMIT AND CLEAR CREEK COUNTIES

SCALES OF ORIGINAL DRAWINGS

ON PLANS AS SHOWN

GROSS AND NET LENGTH OF PROJECT 3959.5 FEET= 1.697 MILES

ALL SCALES SHOWN ARE FOR ORIGINAL DRAWINGS.

> INDEX OF SHEETS (SEE SHEET 2 8 3)

STADING OF HIGHDAYS

RAC HIGHY	MAY ADMIN	ISTRACE
BIV:4:0	* ENGINE	23
	Bly) (i Q	BIYS POStyle

50 M.F.B. 15,500 tat 2.063 9984	STA. 35+97.82 8EGIN [70-3(83)220= STA. 125+37.28 ENG 1 70-3(83)220= STA. 125+57.28 ON [70-3(81)220	
145. R73W 6	TASINGAN ASS SUMMIT COUNTY TO TO CLEAR OREEK COUNTY TO SUMMIT COUNTY TO COUN	TO DERIVER
155	P. 71 H. 276 H. Chichocore Sales Chichocore Sa	
10	SCALE IN MILE?	PROJECT STARTED April 2 1979 PROJECT COMPLETED MALL 1 1980 AS CONSTRUCTED PLANS APPROVED TITLE DATE

T PEVISED 7 NO REVISIONS I VIII COLORADO [70-3(95)220 2 SERIES (R-1) REVISED SHEET TITLES WID-17-TOWE.B. SHEET NO. SHEET NO. GENERAL SHEET NO. SHEET NO. TITLE SPEET AND SKETCH MAP AND TABULATION OF LEBSTH AND SECTION DATA SHORT OF BETTE 2,3 SUMMARY OF APPROXIMATE QUARTITIES 3-4 10 3-6 PLAN AND PROFILE - KEY TO GENERAL ARRANCEMENT DRAINAGE COMERAL ARRAMGEMENT MEST FORTAL TO STA. 45+34,66 0-8 SENERAL AFRAMGEMENT STA. 45+34.68 TO STA. 56+90.43 6-9 D-i SENERAL GRAINAGE PLAN 9-13 GENERAL ARRANGEMENT STA. 56+90.43 TO STA. 68+96.43 57 9-2 INLET DRAIN PIPING LOCATION _ MORTH AND SOUTH CURB GENERAL ARRANGEMENT STA. 68+95.43 TO STA. 81+62.43 5-11 J. THLET AND MANHOLE LOCATION PLAN - STATION 35100 TO 55100 GENERAL ARRANGEMENT STA, 81+02.43 TO STA. 03*08.13 3-3 59 IMLET AND MANHOLE LOCATION PLAN - STATION 55-00 TO 95-00 0-4 GENERAL AGRANGEMENT STA. 93+08.43 TO STA. 105+14.43 13 6-13 D-5 INLET AND MANAGLE LOCATION PLAY - STATION 95+00 TO 125+00 GENERAL ARRANGEMENT STA. 105+14,43 TO STA. 117+20.43 14 6-14 GENERAL APPRANSEMENT STA. 117-20.42 TO EAST PORTAL 15 G-15 TYPICAL SECTION FURNIL INFERIOR 16 9-16 G-17 TO G-19 CURB GRADE LINES IN SUNNEL 17-19 G-20 10 3-23 WEST PORTAL PARKING, STORAGE AND ACCESS AREAS 20-23 G-24 TO G-27 EAST PORTAL PARKING, STORAGE AND ACCESS AREAS 21.0 WALKWAY, CURB, GUARD RAIL AND HAND RAIL MORTH AND SOUTH CURSS TYPICAL SECTIONS 29 W-2 RATLING ARRANGEMENT AND DETAILS 30 PLAN AND ELEVATION OF TYPICAL SAFETY CURB AND HAND RATE SPACING <u>(</u>P-7) W-4. WALKWAY ANGLE SUPPORT ASSEMBLY DETAILS WALKWAY DETAILS ×33 PRECAST SAFETY CURBS DETAIL 31 ¥-7 PLAN OF PRECAST CURB THRU WEST VENTILATION BUILDING SHEET HO, I PLAN OF PRECAST CURB THRU WEST VENTILATION BUILDING SHEET NO. 2 35 ¥~9 PLAN OF PRECAST CHOS THRU WEST VENT BUILDING SHEET NO. 3 3€ WALL FINISH PLAN OF PRECAST CURB THRU EAST VENTILATION BUILDING 37 W-10 Walkhay Erection Plays and Wankhany Framming Details WE-1 TO WE 2 MALL TILE ARRANGEMENT - MORTH AND SOUTH WALLS 61-62 `32 AX-GX Concrete junitions Panels . ¥F-3 WALL TILE AND MOUNTING UNIT DETAILS WALL TILE AND MOUNTING UNIT DETAILS 4F-4 6.5 WF-5 WALL TILE TYPICAL CUTGOT DETAILS WF-5 '0 WF-7 CABINETS TELEPHONE, FIRE EXTINGUISHER, AND CO ANALYZER 63 WF-8 INSTRUMENTATION CABINET 59 YF-9 WALL TILE DETAILS AT PULLBOX STATION STANDARD DETAILS OF PULLBOX STATION FRAME STANDARD WF-18 WATER MAIN SYSTEM 71 XF-11 AS CHE HE SHOTTATE XEBILUR TH SITATED BIT ILLEN 72 WF-12 DETAILS OF PULLBOX STATION FRAMES ON AND OS WALL TILE DETAILS AT PULLBOX STATION 3H, 26H, 35 and 26S WF-13 FH-1 WATER MAIN SYSTEM TYPICAL DETAILS FH-2 FIRE HYDRANT STATION 74 WF-14 DETAILS OF PULLBOX STATION FRAMES 3N, 14H, 21H, 3N, 26H, 3S AND 26S 40 FIRE HYGRANT STATION HAIN LINE SHUT OFF YALVE 75 WF-15 DOOR DETAILS X-PASSAGERAY, TRANSFORMER VAULT, AND PULLBOX STA. FH-3 FIRE HYDRANT STATION WITH EXPANSION POINT 76 WF-18 BASEMENT EMERGENCY AND WEST VENTILATION BUILDING DOORS PRESSURE REDUCING STATION FH-8 NORTH WALL EXTENSIONS AND VENTILATION BUILDING DOORS WF-17 43 MATER MAIN SYSTEM WEST VENTILATION BUILDING PLAN AND SECTION FH-6 WF-18 MISCELLANEOUS SIGN DETAILS WATER MAIN SYSTEM WEST TRANSITION THRU STY WATER HAIN SYSTEM PLAN SEGMENT SEE THRU 535 TURNEL INTERIOR CABINET, BOOR AND HARDWARE SCHEDULE WF-19 8-43 FH-9 WATER MAIN SYSTEM PLAN SEGMENT 536 THRU 553 FH-10 WATER MAIN SYSTEM PLAN SEGMENT SEA THRU S71 PRE URHT SYS THEHRES HAIR METERS MIAM RETAR FH-11 49 WATER MAIN SYSTEM PLAN SEGMENT SOO THRU \$107 FH-12 50 FH-13 WATER MAIN SYSTEM PLAN SESMENT STOR THRU 5125 FH-14 WATER MAIN SYSTEM PLAN SEGMENT 5126 THRU \$143 52 FH-15 WATER MAIN SYSTEM PLAN SEGMENT \$144 THRU \$161 BUILDINGS WATER MAIN SYSTEM PLAN SEGMENT SIGS THRU EAST TRANSITION 53 FH-16 FH-17 WATER HAIN SYSTEM EAST VENTILATION BUILDING SHEET NO. 1 8-1 PORTAL ATTEMBANT BOOTH FLOOR PLAN AND ELEVATIONS WATER MAIN SYSTEM EAST VEHILLATION BUILDING SHEET NO. 2 3-2 PORTAL ATTENDANT BOOTH WALL SECTIONS, ROOF PLAN AND FLAGPOLE DETAILS 8-3 PORTAL ATTENDANT BOOTH FOUNDATION AND STAIR DETAILS

83

24

85

XA 13

PORTAL ATTENDANT BOOTH DOOR AND WINDOW SCHEDULE AND COUNTER CABINET GETAILS

POSTAL ATTENDANT BOOTH ELECTRIC AND HEATING FLAN

ARCHITECTURAL EAST AND MEST PORTAL GAS EQUIPMENT & ELECTRICAL PANEL BUILDINGS PLANS ELEVATIONS AND

Flaggole Base

DIVISION OF HIGHWAYS

INDEX OF SHEETS

Designer C.D.O.H. Numbers

Drawinas

	PROJECT SHEET NO.	SERIE SHEET	
		CEILII	NG AND RELATED COMPONENTS
	86	C-1	TYPICAL SECTION CEILING SLABS AND OUCT DIVIOER WALL
	87	C - 2	CEILING SUPPORT DETAILS
	88	C - 3	CEILING SUPPORT DETAILS
	89	C - 4	OUCT DIVIDER WALL DETAILS AND CEILING SUPPORT DETAILS
	90	C-5	SPLICE DITHILS FOR BUCT DIVIDER WALL SUPPORT AND PRECAST CERLING SUPPORT
	9;	C - 6	4" SOLID PRESTRESSED DUCT DIVIDER WALL DETAILS
	92	C - 7	TYPICAL CEILING SLAB PLAN
	93 93 A U 94	C-9	6" HOLLOW CORE PRESTRESSED CEILING SLAB DETAILS JOINT DETAILS ILLIE TIPEIL SECTIONS 6" MOLLOW CORE PRESTRESSED CEILING SLAB DETAILS
	95	C-10	PORT DAMPER ASSEMBLY DETAILS
	96	C-13	DETAILS FOR ATTACHING PORCELAIN ENAMEL PANELS TO PRECAST CONCRETE CEILING SLABS
	97	C-12	ELEVATION THRU SUSPENDED CETLING WEST VENTILATION BUILDING
	98	C-13	DUCT WALL AND CEILING PROFILE WEST TRANSITION AREA 37+80.40 TO 38+81.43
	99	C-14	DUCT WALL AND CEILING PROFILE WEST AREA 38+81.43 TO 39+81.93
	100	C-15	DUCT WALL AND CEILING PROFILE WEST AREA 39+81.93 TO 40+82.43
	101	C-16	DUCT WALL AND CEILING PROFILE WEST TRANSITION AREA 40+82.43 FO 41+82.93
	102	C-17	WEST TRANSITION AREA SECTIONS
	103	C-18	WEST TRANSITION AREA SECTIONS
(R-1)	104 \$ 104X C-19 8	C-19X	PLAN THRU SUSPENDED CEILING WEST VENTILATION BUILDING
	104 AX =64 105	C-26	Suspended Ceiling in West Vertiletion Building out Wall and ceiling profile EAST TRANSITION AREA 119+71.68 TO 120+72.18
	106	C-21	DUCT WALL AND CEILING AREA EAST AREA 120+72.18 TO 121+72.68
	107	C-22	DUCT WALL AND CEILING PROFILE EAST AREA 121+72.68 TO 122+73.18
	108	C-23	DUCT WALL AND CEILING PROFILE EAST TRANSITION AREA 122+73.18 TO 123+74.60
	109	C-24	ELEVATION THRU SUSPENDED CEILING EAST VENTILATION BUILDING
	110	C-25	EAST TRANSITION AREA SECTIONS
	///	C-26	EAST TRANSITION AREA SECTIONS
R-1)	1/2 \$ 1/2 X C-27 (1/2 Ax - Ex 11 L XAX	6 C-27X	PLAN THRU SUSPENDED CEILING EAST VENTILATION BUILDING Subported the Centry on East Ventilation Building Fraction facilities on East Ventilation Building Fraction facilities from the supplement opposition thanks celling
	//3 - //4	C-28 AHD C-29	TRANSITION AREA DETAILS FOR THE SUSPENDED PORCELAIN EMAMEL CEILING AND SUPPORT SYSTEM FOR THE DUCT DIVIDER WALL AND PRECAST CEILING SLABS
	AB+XA EII		Haiger Rot Schedule and Elevations
	115	C-30	TRANSITION AREA DETAILS FOR THE SUSPENDED PORCELAIN EMAMEL CEILING AND SUPPORT SYSTEM FOR THE DUCT DIVIDER WALL AND PRECAST CEILING SLABS
(R-1)	//6	C-31	CEILING WATERPROOFING (MEMBRANE)
	117 117 AX 118	C-32 C-33	ACCESS HATCH, DUCT DIVIDER DOOR AND SAFETY SCREEN DETAILS Duch Access Hatch CENTER AIR BULKHEAD STATION 80+77.50
	//9	C-34	CENTER AIR BULKHEAD DETAILS
	/20	C-35	DETAILS LIGHT FIXTURE BRACKET
	121	C-36	DETAILS LIGHT FIXTURE BRACKET

PROJECT	SERIES
HEET NO.	SHEET NO.

ELECTRICAL

		*·· -
128	E-G-28	GENERAL POWER DISTRIBUTION SINGLE LINE DIAGRAM
129	28-6-55	GENERAL FAN CONTROL BOARDS LAYOUT AND DETAILS
130	8-6-75	SEBERAL GOUNCERG PLANS A DETAILS
131	8-6-85	TELEPHONE PISER DIAGRAM
132	E-G-9S	SEMERAL POWER & LIGHTING PANEL SCHEDULES
133	E-W-15	WEST VENTILATION BUILDING ELECTRICAL EQUIPMENT ROOM POWER AND CONTRUL PLA
134	E-W-25.	WEST VENTILATION BUILDING ROADWAY FLOOR POWER & CONTROL PLAN
135	8-W-35	WEST VENTILATION BUILDING FAN FLOOR POWER AND CONTROL FLAN
136	£-W-45	WEST VENTILATION BUILDING CONDUIT & CABLE SCHEDULE SHEET NO. 1
137	E-W-55	WEST VENTILATION BUILDING CONDUIT 4 CARLE SCHEDULE SHEET NO. 2
138	£-E-7S	EAST VENTILATION BUILDING ELECTRICAL EQUIPMENT ROOM POWER & CONTROL PLAN
133	E-E-25	EAST VENTILATION BUILDING ROACHAY FLOOR POWER & CONTROL PLAN
140	5-3-3	EAST VENTILATION BUILDING FAN FLOOR POWER & CONTROL PLAN
141	E-E-45	EAST VENTILATION SUILBING CONTROL ROOM POWER A CONTROL PLAN
142	E-E-5\$	EAST VENTILATION BUILDING CONDUIT & CABLE SCHEOULE
/43	E-WE-55	WEST & EAST VENTILATION BUILDINGS CONDUIT SECTIONS & DETAILS SHEET NO. 1
144	E-#E-65	MEST & EAST MENTILATION BUILDINGS CONDUST SECTIONS & CETAILS SHEET NO. 2
145	E-HE-95 .	WEST & EAST VENTILATION BUILDINGS MISCELLANEOUS DETAILS SHEET NO. 1
145	E-WE-105	WEST & EAST VENTILATION BUILDINGS MISCELLANGOUS DETAILS SHEET NO. 2
187.	£-WE-12S	KEST & EAST VENTILATION BUILDINGS MISCELLANEOUS DETAILS SHEET NO. 3
148"	E-T-15	TUNNEL PONER PLAN, SECTIONS & DETAILS SHEET NO. 1
149	E-1-25	TUNNEL POWER PLAN, SECTIONS & DETAILS SHEET NO. 2
150	E-1-35	TURNEL POWER PLAN, SECTIONS & DETAILS SHEET NO. 3
151	E-T-45	TUNNEL POWER PLAN, SECTIONS & DETAILS SHEET NO. 4
152	E-T-55	TUNNEL LIGHTING PLAN AND DETAILS
153	E-T-65	TUNNEL WIRING DIAGRAMS SHEET NO. 1
154	£-7-75	TUNHEL WIRING DIAGRAMS SHEET NO. 2
155	E-T-85	TUNNEL WIRING DIAGRAMS SHEET NO. 3
156	E-T-95	TUNNEL WIRING DIAGRAMS SHEET NO. 4
157	E-T-105	TUNNEL CONDUCT AND CABLE SCHEDULE
158	E-1-115	MORTH TUNNEL TRAFFIC CONTROL MODIFICATIONS
159	251-1-3	TUNNEL YENTILATION DUCTS POWER AND LIGHTING, PLANS AND DETAILS

MECHANICAL

160	M-125	WEST VENTILATION BUILDING EMERGENCY GENERATOR ROOM PLAN ELEVATION AND DETAILS
161	8-135	CARBON MONOXICE SAMPLING AND ANALYZING SYSTEM PLANS, SECTIONS AND DETAILS
162	H-185	EAST AND WEST STANDBY PROPANE SYSTEMS PLANS AND SCHEMATICS
163	H-13\$	EAST YENTILATION BUILDING EMERGENCY GENERATOR ROOM VENTILATION MODIFICATION PLAY SHO SECTIONS
164	X-20\$	WEST VENTILATION BUILDING EMERGENCY GENERATOR ROOM VENTILATION MODIFICATION PLAN SECTIONS AND DETAIL

AS CONSTRUCTED

NO REVISIONS REVISED VOID

(RT) Added Sheets to Index~10-17-78~ E.B.

DIVISION OF HIGHWAYS

INDEX OF SHEETS

 Designer
 Structure

 Detailer
 Numbers

 Drawing Number 3-5
 of
 Drawings

TRAFFIC CONTPOL SYSTEM

/22 TC-15 TUNNEL SIGNING AND LOOP DETECTORS
/23 TC-25 EAST VENTILATION BUILDING TRAFFIC CONTROL CONSOLE SHEET NO. 1
/24 TC-35 EAST VENTILATION BUILDING TRAFFIC CONTROL CONSOLE SHEET NO. 2
/25 TC-45 MESSAGE BOARD WALL SUPPORT BRACE CETAILS
/26 TC-35 STOP LIGHT MOUNTING DETAILS
/27 GA-15 WEST PORTAL AREA ~ APPROACH SIGNING AND MISCELLAMEOUS DEVICES

5 115 (M/MH)

.:

		Citata	AADV OF	A DODANTE ALLANDE OF THE CO	ļ		/ , /	MICHAEL SON DELLEGA		SHEET P.O.
		20WV	MAKI Ur	FINAL Added Item and Rev. Quantity~10-17-78~6		S RE	VIŠED VOIB	ZEI COLONDO 17	10-3/83)220	4
INGEX	CONTRACT	CONTRACT ITEM	UNIT		FINAL PROJECT TOTALS	DIFF.	7.	PROJECT TOTALS	i i	
slder #1 ider #2	202 211	Removal of Concrete Threaded Rebar	L.S. Each		5,140	0 +5	100.0	5,135		
older "3 older "4	509 509	Structural Steel Structural Steel (Galvanized)	Lo. Lo.		73,389 1,357,3 <i>1</i> 6	-1,916	97.0 100.0	75.305 1357316	(F.Z) (F.2)	-
okter #5 older #6 older #7	514 515 515	Hand Rail Waterproofing (Membrane) Waterproofing (Duct Floor)	i.in.Ft. Sq. Yd. Sq. Yd.		8415 2,422 33,234	-3 -2 +608	/00.0 /00.0 /01.9	8,418 2,424 32,626	(F-1)	
lder #8	601	Concrete Class T-1	Cu.Yd.		3,458	- 82	98.0	3,540	77	
1de #9 1de #10 1de #11	604 604	3 Inch Plastic Pipe Sewer (PVC) 4 Inch Plastic Pipe Sewer (PVC) 2 Inch Plastic Pipe Sewer (ABS)	Lin. Ft. Lin. Ft.		2,265 512 843	-105 -108 +23	95.6 82.6 102.8	2,370 620 820		
older *12		4 Inch Plastic Pipe Sewer (ABS)	Lin. Ft.		12,370	+240	102.0	12,130		·
Tolder #13 Tolder #14	606 607	Gu <i>ord Rail Type 4A Tunnel</i> Safety Screen (Deleted)	Lin. Ft. Each		17,9/9 0	0 -2	/00.0 O	17,9 1 9		
older #15 older #16 older #17 older #18 older #19 older #20	614 614 614 618	Flagging Traffic Control Supervision Security Guard Prestressed Concrete Slab (4 Imh) Prestressed Concrete Slab (6 Inch)	Hour Day Hour Sg. Ft. Sg. Ft. Lin. Ff.		442.5 200.0 10,745.25 99,766	-1,557.5 +20.0 +745.25 - 279 +1,113	22./ 111.0 /07.4 99.7 100.4	2,000 180 10,000 100,045 299,500		
older *20 older *21	618 619 619	3 Inch Ductile Iron Pipe 4 Inch Ductile Iron Pipe	Lin. Ft.		300,613 6 120	0	100.0	6 120		
lder *22 older *23 older *24 older *25	619 619 619 619	6 Inch Ductile Iron Pipe 8 Inch Ductile Iron Pipe 3 Inch Pressure Reducing Valve 6 Inch Pressure Reducing Valve	Lin. Ft. Lin.Ft. Each Each		8 8,830 ¦	0000	100.0 100.0 100.0 100.0	8 8,830 1		
10. 26 Her 27 14. 28 14. 29 Her 30	619 619 619 619 619	V2 Inch Relief Valve V2 Inch Gate Valve 1 Inch Gate Valve 3 Inch Gate Valve 4 Inch Gate Valve	Each Each Each Each Each		3 11 6 2 34	00000	/00.0 /00.0 /00.0 /00.0 /00.0	5 11 6 2 34		a
older #31 older #32 older #33	619 619 619	6 Inch Gate Valve 8 Inch Gate Valve 8 Inch Check Valve	Each Each Each		2 7 2	000	100.0 100.0 100.0	272		
5/de 34 5/de 35 5/de 36		4/4 Inch Fire Hydrant 8 Inch Expansion Joint (Single Slip) 8 Inch Expansion Joint (Double Slip)	Each Each Each		34 17	000	100.0 100.0	34		
									DRAWING	G G-

THE 113 (MYC)

PAGE SHEET		SUMMA	ARY OF ≢	PPROXIM	Per Quantit	y ~ 11-14-78~ E.R ANTITIFS	}-			CONSTRUCTED		MSELL EGAS STYLSION	PROJ. NO.	SHEET MC.
PARE SHEET			· · · · ·	(, , , , , , , , , , , , , , , , , , ,	17-17-E QUI	111111111111111111111111111111111111111	<u></u>	NO REVISIONS	RE	VISED	V010	VIII colongo 77	0-3(83)220	5
	CONTRACT ITEM NO.	CONTRACT ITEM	UNIT				1 /	FINAL PROJECT TOTALS	DIFF.	7%		PROJEC TOTALS	{	
	620	Janiforial Service	Month				1	7.75	-0.25	96.9		8		<u> </u>
134 6	622	Cross Passageway Door	Each					3	0	100.0		3		
	622	Transformer Vault Door	Each	ĺ				3	0	100.0				
40	622	Ventilation Building Door	Each				 	2	0	100.0		3 2		
14/	622	Placing Basement Emergency Door	Each					1	0	100.0				
142	622	Fire Extinguisher Cabinet	Each					34	0	100.0				
M ₄₃	622	Telenhone Cahinat	Cook						h	700.0		34		
1*44 (622 622 622	Telephone Cabinet Instrumentation Cabinet	Each Each			- II-		11 45	0	100.0		11/		,
		Pullbox Station	Each				44,000	45 50	00	100.0	-	45 50		
*46 6 *47 6	622 622	Duct Access Hatch Door	Each					8	0	100.0		R		
128	622	Duct Divider Wall Door Sliding Bulkhead Door	Each Each					8 2	0	100.0		8 8 2		
								2	U	100.0		2		
#49 *50 *51	622 622	Porcelain Enamel Signs	L.S.						0	100.0				
51	622 622	Port Damper Portal Attendant Booth	Each Each					1,049	000	100.0		1,049		
52 6	622	Gas Equipment Building	Each			ļ		2			İ	2		
52 6 53 6 54 6 55 6	622 622	Flectrical Panel Building	Each					2	0	100.0		2	-	
55	622 626	Flagpole Fire Extinguisher Mobilization	Each Each		-			34	00	100.0		2 2 34		
1 1/	626 631	Tunnel Power Supply System	2.5. 2.5.					37	0	100.0		34		
52 6	631	Tunnel Lighting System	2.5. 2.5.					- ' -	0	100.0		/		
158 6 169 6	631 632	Tunnel Lighting System Heat Tracing System TV Surveillance System South Tunnel	2.5. L.S.		ļ				0 1	100.0		/		
60	632	Traffic Control System	L.S.				and the state of t	.	0	100.0		/		
	632	Emergency Radio System (Mobile)	2.5.					-	0	100.0		///////		
64 6	641	West Building Ventilation Modifications	2.5.						ĺ	ĺ		/		}
'67I I 6	642	CD Sampling and Analyzing System Fromage System Modifications	L.S. L.S.					1	00	100.0		/		
68 6	651	West Building Ventilation Modifications CD Sampling and Analyzing System Fromane System Modifications 8 Inch Concrete Masonry Block Wall 12 Inch Concrete Masonry Block Wall	Sa.Ft.					230	0	100.0				
22 6	651	12 Inch Concrete Masonry Block Wall	5g.Ft.		1			230 410	0	100.0		230 410		
70 6	651	Center Bulkhead							-					
	654 654	Porcelain Enamel Ceiling Panels (Fixed) Porcelain Enamel Ceiling Panels (Suspended)	59.Ft. S9.Ft.				2	70 (22	-664 l	100.0 99.8		/		
12 6	654	Porcelain Enamet Ceiling Panels (Suspended)	Sq.Ft.		į		2/	79,672 19,750	0	100.0		280,336 19,750	(R-1)	
74 6	655	Glazed Structural Wall Tile	3q. Ft.		ĺ						ļ			
							- 2	29,230	0	100.0		229,230		
777	556	Walkway	Lin.Ft.					8,769	0	100.0		8,769		
1	699	Fixed Fee	<i>L.S.</i>	i [ı	1		,	0	100.0	Į.	1 1	į	ı

STATE DEPARTMENT OF MAINTAINS
STON OF HIGHWAIS - STATE OF COLORADO
FORM NO 113 HANNEY
30 PT 1972 (R-D) Deleted Item~II-14-78~ E.B. HISTAL SOAD DIVINON FINAL AS CONSTRUCTED SUMMARY OF APPROXIMATE QUANTITIES REVISED VOID colono 170-3(83)220 VIII 6 NO REVISIONS FINAL PROJECTED % PROJECT DiFF. KBOKE AMOUNT CONTRACT UNIT CONTRACT ITEM TOTALS ITEM NO. BOOM PACE SHEET FORCE ACCOUNT \$8,000.00 F. A. -Eoch \$5,287.60 - 2,712.40 TO 66 On-the-Job Trainee FIAOI \$20,000.co 0 -\$20,000.00 Ö F.A. Erosion Control F/A02 \$4,000.00 ≠ Portal Attendant Booths Electric service and communication within the Ventilation Buildings \$6,757.10 +\$2,757.10 169 F/A03 F.A. F.A. Minor Contract Revisions FIA04 See Sheet 6A and 6B Deleted F/A05 Telephone Service (Work by Mtn. Bell) F.A. F/AC6 See Sheet 6A PROJECT TOTALS NON-FEDERAL AID 0 100.0 Emergency Radio System (Portable) L.S. 632 Folder #62 0.001 0 L.S. East Building Ventilation Modifications Folder 763 641 100.0 0 CO Sampling and Analyzing System (Furnish Only) L.S. Folder 66 642 421 421 0 100.0 Fold 73 Porcelain Enamel Ceiling Panels (Spare) Sq.Ft 654 1,802 100.0 1,802 Sq.Ft. Glazed Structural Wall Tile (Spare) 655 Folder 75 DRAWING G-6 1981 1969

 FEDERAL ROAD RECION NO.
 DIVISION
 FROJ. NO.
 SHEET NO.
 TOTAL SHEETS

 9
 COLORADO
 I TO - 3 (63) 220
 6A

FINAL SUMMARY OF CONTRACT MODIFICATION ORDERS

C.M.O. NO.	$H \vdash S \vdash R					
	DESCRIPTION	PLAN AMOUNT	FINAL AMOUNT	P/N		REMARKS
F/A OI F/A O2 F/A O3	ON THE JOB TRAINES EROSION CONTROL PORTAL ATTENDENT BOOTHS ELECTRIC SERVICE AND COMMUNICATION WITHIN THE	\$8,000,00 \$20,000,00 \$4,000,00	\$5,287.60 \$0.00 \$6,757.10	0_ U_ U		
F/A 04	VENTHATION BUILDINGS MINOR CONTRACT SEVISIONS:	74.030.00	96,737.10			
/A 04	LINE ITEM 1 : RETUVE EAST & WEST TRANSITIONS INSTALLED ON 1 70-3(34)	\$2,500.00	\$5,000.00	F		
	LINE ITEM 2 : CHIPPING CURB FOR PLACEMENT OF CONDUIT FOR LOUP DETECTORS LINE ITEM 3 : ADDITIONAL COST FOR FLAG POLES	\$3,000.00 \$330.00	\$5,000.00 \$330.00	P		
	LINE ITEM 4: PROCUREMENT OF CEILING SUPPORT HANGER, BOLTS FOR TRANSITION AREA, LINE ITEM 5: OVERRUN OF LINE ITEM I	\$3,000.00	\$ 1,984 .19	ρ		
	LINE ITEM 6 : OVERRUN OF LINE ITEM 2	\$3,500.00 \$4,000.00	*3,690.55 *3,077.50	P		
	LINE ITEM 7 : CONNECT EXISTING DRAINAGE TO 170-3(83) DRAINAGE LINES LINE ITEM 8 : CONCRETE REMOVAL IN CROWN OF W. TRANSITION AREA	00.005	\$969.20 \$3,323.61	م ا	To all the second secon	
. 4	LINE ITEM 9: EXTENSION OF (T4) TELEPHONE TERMINAL BOX 6 INCHES LINE ITEM 10: INSTALL SIGNAL WIRING FROM E. VENT. BUILDING TO E. PROPANE SYSTEM	\$200.00	\$200.00	ρ		
7	LINE ITEM II : EXTEND OVERHEIGHT DETECTOR CONDUIT AT STA. 416+00	\$500.00 \$500.00	\$ 500.00 \$ 696.08	N P		
1	LÎNE ITEM 12 : EXTEND 4/O GROUNDING CABLE FROM TUNNEL TO VENT, BUILDINGS LINE ITEM 13 : CUT HOLES IN CEILING STEEL FOR MIS-SET (MBEDS ON I 70-3(8))	\$5,00,00 \$5,000.00	≠ 683.50 CANCELLED BY C.M.O. 17	q q		
	LINE ITEM 14: INSTALL EXPANSION BOUT IN ANGLE SUPPORT FOR N, CURB WALKWAY	\$4,400.00	\$4,400.00	P		
	LINE ITEM 15 : MODIFY BUCT WORK FROM TUNNEL TO GENERATOR ROOM AT W. PORTAL LINE ITEM 16 : PLACE CONDUIT UNDER LOOP ROADS FOR L.P. GAS AT E.#W. VENT, BUILDINGS	\$1,700.00 \$700.00	\$1,700.00 \$551.42	N 9		
	LINE ITEM 17: PLACE ROCK BOLTS IN TOP STEEL AT EAST TRANSITION LINE ITEM 18: CLEAN MATERIAL FROM AROUND PORTAL ATT, BOOTHS FOR PAVING OPERATION	\$4,000.00 \$500.00	\$5,301.32 CANCELLED	P	-	
	LINE ITEM 19 : PROCURE & INSTALL GF1 GROUND RECEPTACLE	\$2,000.00	\$ 2,000,00	ρ		
	LINE ITEM 20: MODIFICATION OF TELEPHONE \$ D.C. PULL BOXES LINE ITEM 21: EXTEND CONDUIT & CONDUCTOR FROM PORTAL LIGHT TO WINK-O-MATIC	\$200.00 \$500.00	CANCELLED \$ 1,075.59	P		
	LINE ITEM 22: TELEPHONE BACKING PLYWOOD LINE ITEM 23: GROUND CABLE EXTENSION AT X-PASSAGE	\$200.00	\$ 408 .40	P		•
	-LINE ITEM 24 : EXTEND CONDUITS AT 26 N., 26 S. \$ 3N.	\$5,000.00	\$ 1,000.00 \$ 6,490.14	P		
	LINE ITEM 25: INSTALL CONDUITS \$ CONDUCTORS SC-9, SC-10 \$ SC-11 LINE ITEM 26: REMOVE \$ REPLACE DUCT WORK IN EAST VENT, BUILDING	\$1,090.00 \$3,004.00	\$ 1 09 0.00	P		
	LINE ITEM 27: C.O. ANALYZER BOTTLES LINE ITEM 28: ADDITIONAL CONDUCTOR FOR LOOP DETECTOR	\$800.00	\$ 794,92	P		
	LINE ITEM 29: CUT REBAR FROM WALL IN E. STUB TUNNEL	\$500.00 \$500.00	\$ 399.50 \$ 501.43	P		
	'LINE ITEM 30: INSTALL CO-AX. CABLE FROM TV. CAMERA TO JUNCTION BOX LINE ITEM 31: EXTEND OVERHEIGHT DETECTOR AT STA. 405 +	\$250.00 \$1,000.00	\$ 243.10 \$ 975.76	P		
	LINE ITEM 32: SUBSTITUTE IS KVA TRANSFORMER FOR 71/2 KVA TRANSFORMER LINE ITEM 33: INSTALL SAND AROUND CONDUITS IN TRENCHES	\$3,000.00 \$2,500.00	\$ 2,742.85	P		
	LINE ITEM 34: FABRICATE COVERS FOR PUMPS AT GAS BUILDINGS	\$500,00	\$ 2,178.75 \$ 544.38	Aì P		
	LINE ITEM 35: D.C. FEEDER CORRECTION FROM PREVIOUS CONTRACT LINE ITEM 36: MODIFY SAIL SWITCHES AND INSTALL PER CODE	\$200.00 \$5,000,00	\$ 231.53 5 2,034.59	P N		
	LINE ITEM 37: BLOW OUT LINES FOR STANDBY PROPANE SYSTEM LINE ITEM 38: SWABBING CONDUITS	\$5,000.00	2,642.04	P		
	LINE ITEM 39: BREAK PKS BATCH PLANT FOUNDATION	\$},500.00 \$2,500.00	\$ 2,675.47 \$ 2,569.22	N P		
	LINE ITEM 40: INSTALL GROUND WIRE IN TRENCHES FOR OVERHEIGHT VEHICLE DETECTOR LINE ITEM 41: RELOCATE 'DISCONNECT' SWITCH"	32,200,00 \$300,00	\$ 2,081.23 \$ 251.55	P P		•
	LINE ITEM 42: REPAIR SEVERED GROUND WIRE AT E. VENT, BUILDING LINE ITEM 43: RETEST WATER LINE	\$375.00	\$ 356.10	ρ		
	LINE ITEM 44 : REPAIR BITUTHANE MEMBRANE	\$2,000.00 \$3,480.00	* 2,834.74 * 3,469.61	P. N		
	LINE ITEM 45: INSTALL NEW O.H. DETECTOR BASE. LINE ITEM 46: WATER BLAST TYPE 4A CURB	\$2,325.co \$4,000 oo	\$ 2,325.35 \$ 4,000.00	<i>1</i> 3		•
	LINE ITEM 47: SCHFACE PREPARATION OF TYPE 4A CURB LINE ITEM 48: EPCXY REPAIR OF TYPE 4A CURB	\$4,173.00 \$5,216.00	\$ 3,054.37 \$ 4,071.09			
[LINE ITEM 49 : EXTEND CONDUIT AT EMERGENCY PULL BOXES	\$ 3,928.00	\$ 3,399.16			
-	LINE ITEM 50: USE TELEPHONE ELBOWS AT PULL BOXES LINE ITEM 51: L.P. SYSTEM (81) TEST	\$ 3,000.00 \$ 2,000.00	\$ 3,000.00 \$ 2,054.09			
	LINE ITEM 52: RELOCATE OH. DETECTOR LINE ITEM 53: WEST PORTAL L.P. CORRECTION	\$ 5,000. 00 \$ 5,000, 00	\$ 5,761.94 \$ 5,098.08			•
	LINE ITEM 54 : EAST PORTAL L.P. CORRECTION	\$5,000.00 \$1,175.00	\$5,099.09 \$1,166.86	{		
[LINE ITEM 55 : MODIFY PUMP COVERS	71,1737.55	1, 100.00			
1						
}						
						•
		j	,			
	•	THE PASSAGE PA	•			

ZEY FEB.,1977

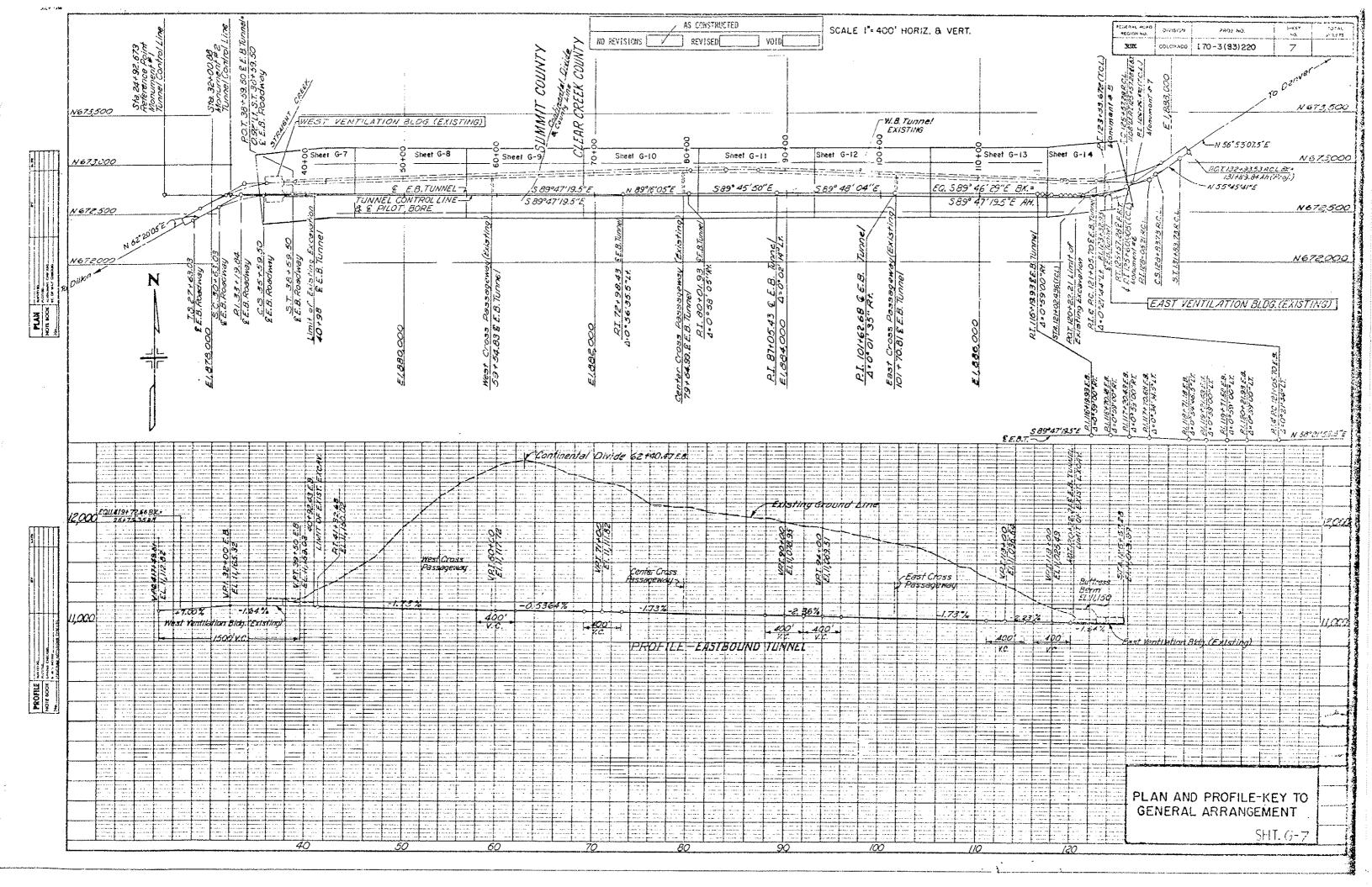
FINAL SUMMARY OF CONTRACT MODIFICATION ORDERS

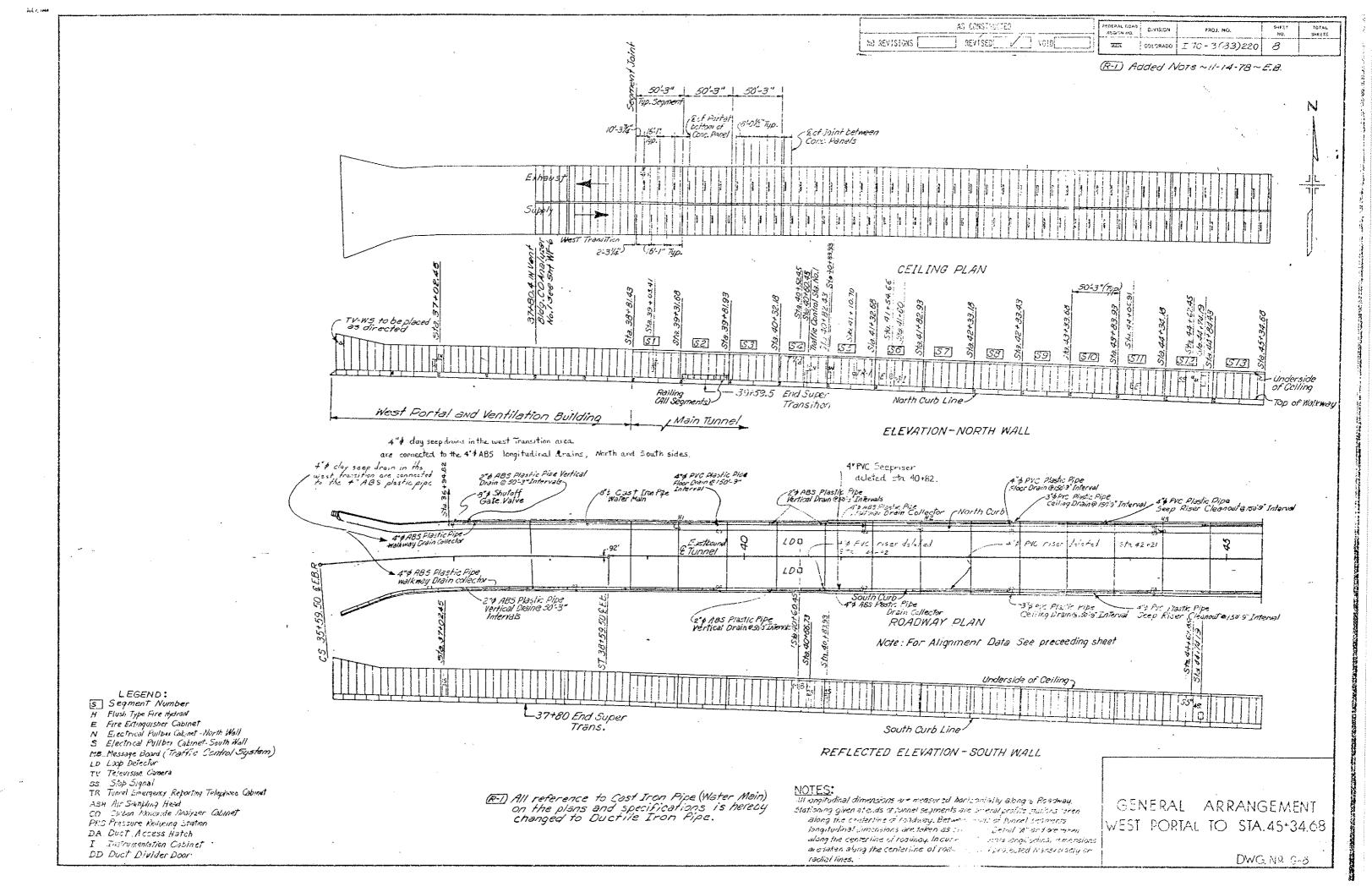
FEDERAL ROAD DIVISION PROJ. NO. SHEET TOTAL NO. SHEET NO

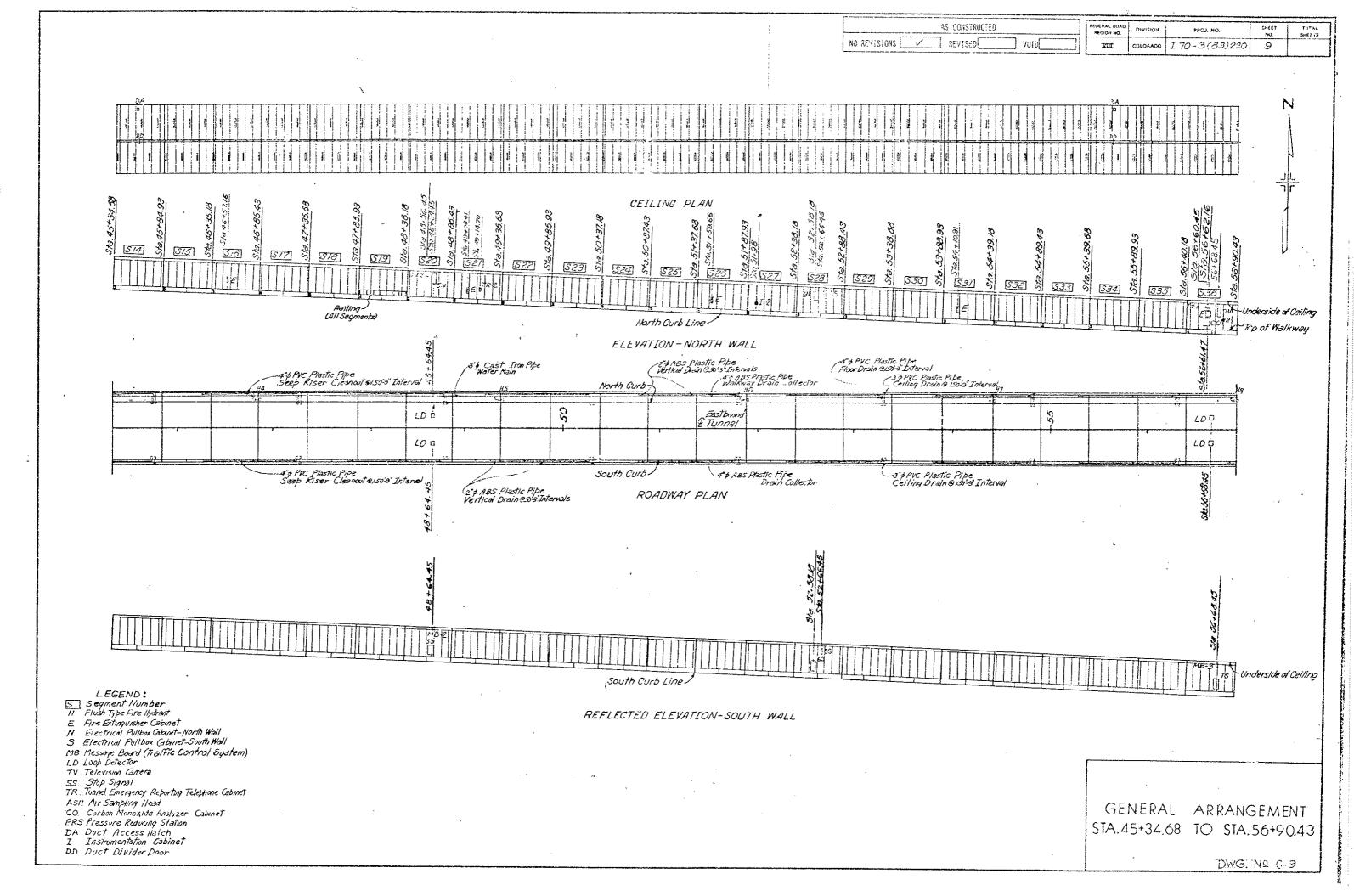
AS CONSTRUCTED

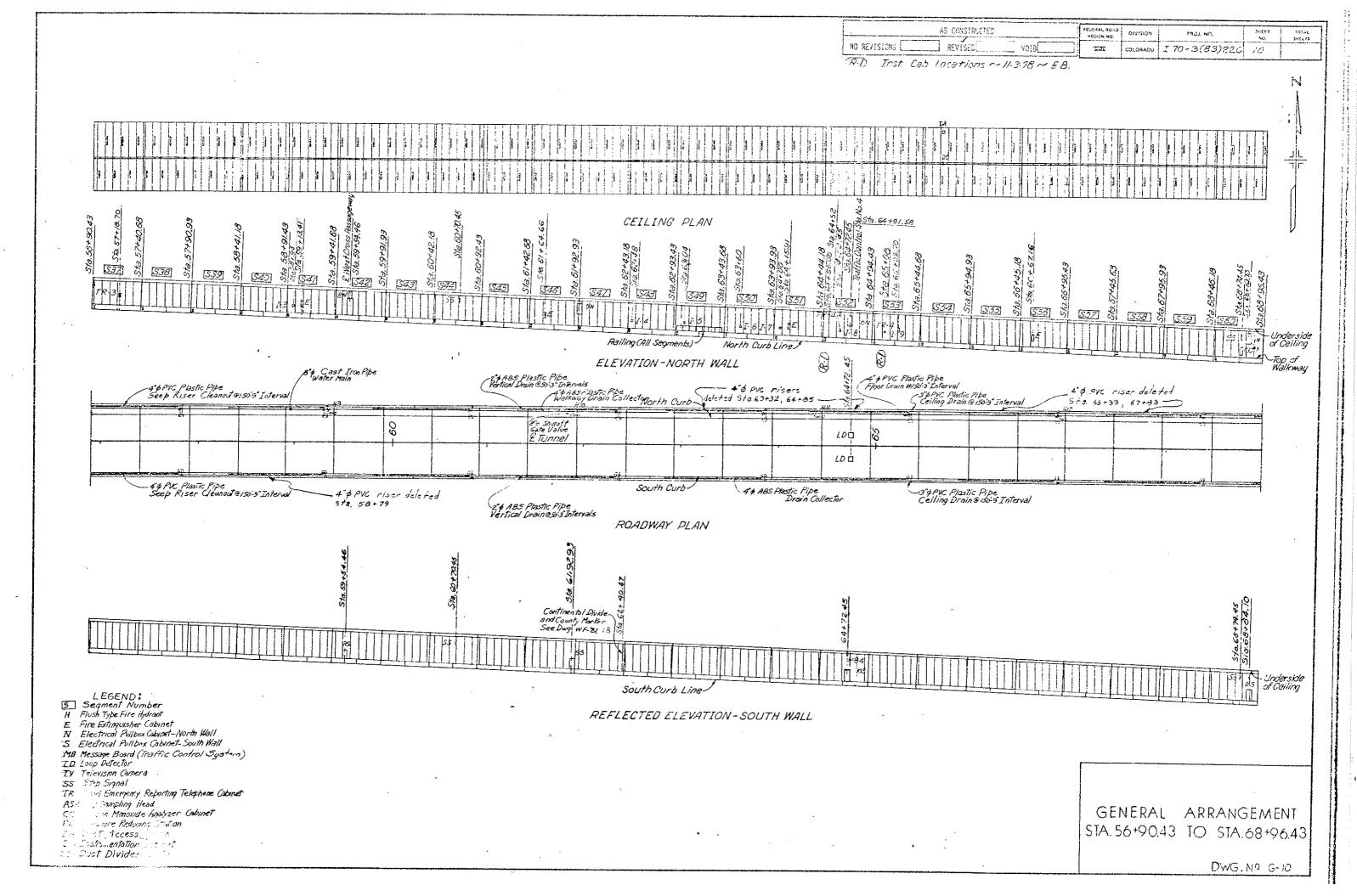
NO REVISIONS REVISED VOID

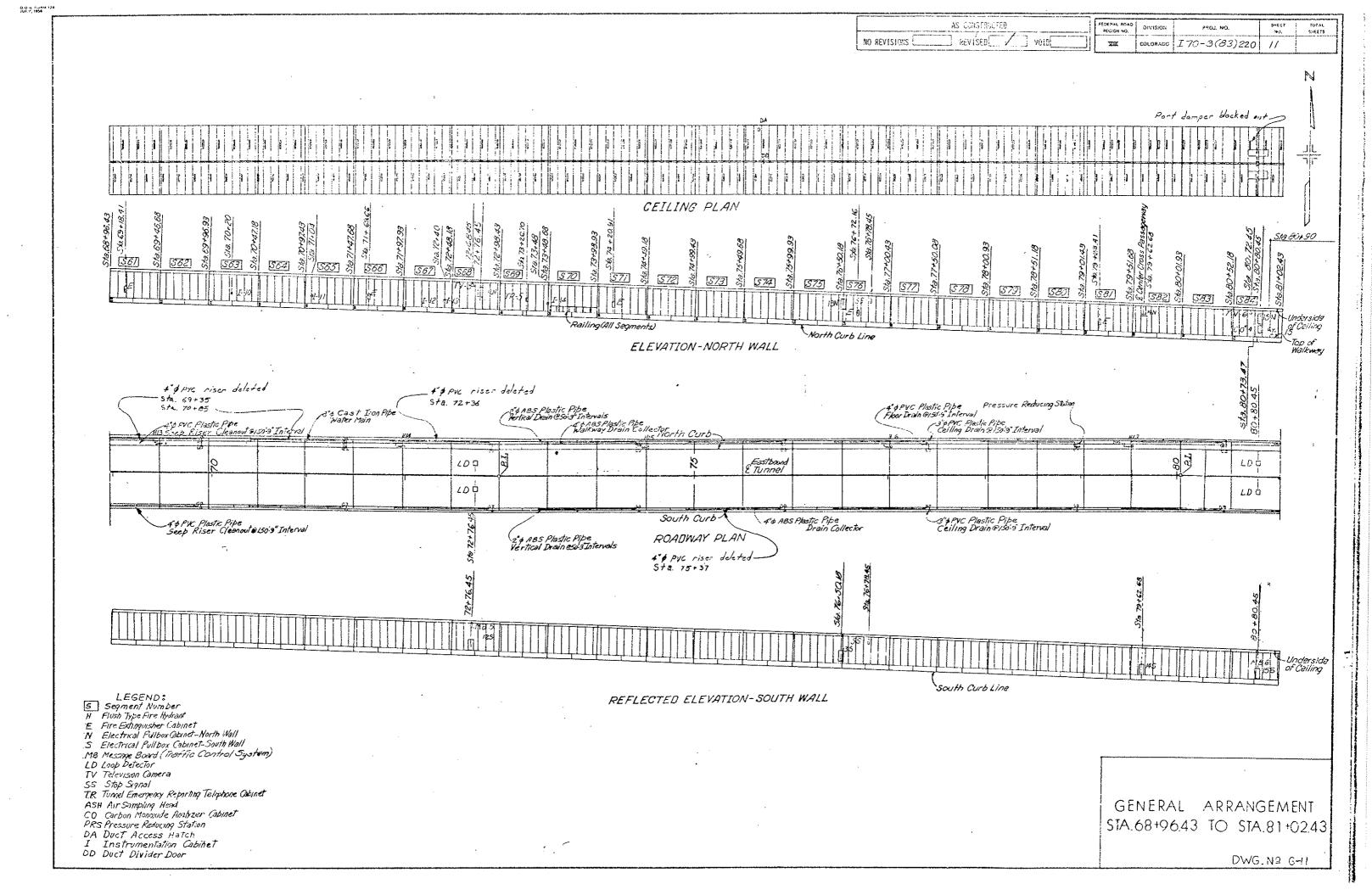
C.M.O. NO.	DESCRIPTION	PLAN AMOUNT	FINAL AMOUNT P/N	REMARKS	
F/A 05 F/A 06 CMO 7 CMO 8 CMO 10 CMO 11 CMO 12 CMO 13 CMO 14 CMO 15 CMO 16 CMO 16 CMO 17	DELETED TELEPHONE SERVICE (WORK BY MOUNTAIN BELL) PRICE REDUCTION ON MATERIALS DELETE SAFETY SCREEN INSTALL 4" ABS AND 4" PVC OFFSETS ADDITIONAL DAYS MOVE OUT- MOVE IN FOR PAVING OPERATION AND COMPLETE LOOP DETECTORS MOVE CONSTRUCTION TRAILERS INSTALLATION OF ELECTRICAL CONDUITS, STA 120 + 219 TO 121 + 22 4 NOT ISSUED SHUT DOWN FOR HOLIDAYS AND MOVE OUT- MOVE IN DURING WEEKENDS SWITCH TRAFFIC THROUGH CROSSOVERS FOR WEEKENDS CUT HOLES IN CEILING SUPPORT STEEL ESCROW ACCOUNT FURNISH AND INSTALL EXPANSION FITTINGS IN VENTILATION DUCTWAYS	\$000 00 -\$1,424.00 -\$1,290.00 \$900.00 19 DAYS \$25,000.00 \$17,000.00 \$11,633.56 	-\$1,424 00 P -\$91.00 P \$705.10 P 19 DAY5 \$80,063.50 P \$16,219.70 P \$11,633.56 P \$80,001 15 P \$40,612.94 P \$16,779.18 P 0.00 \$52,326.09 P		

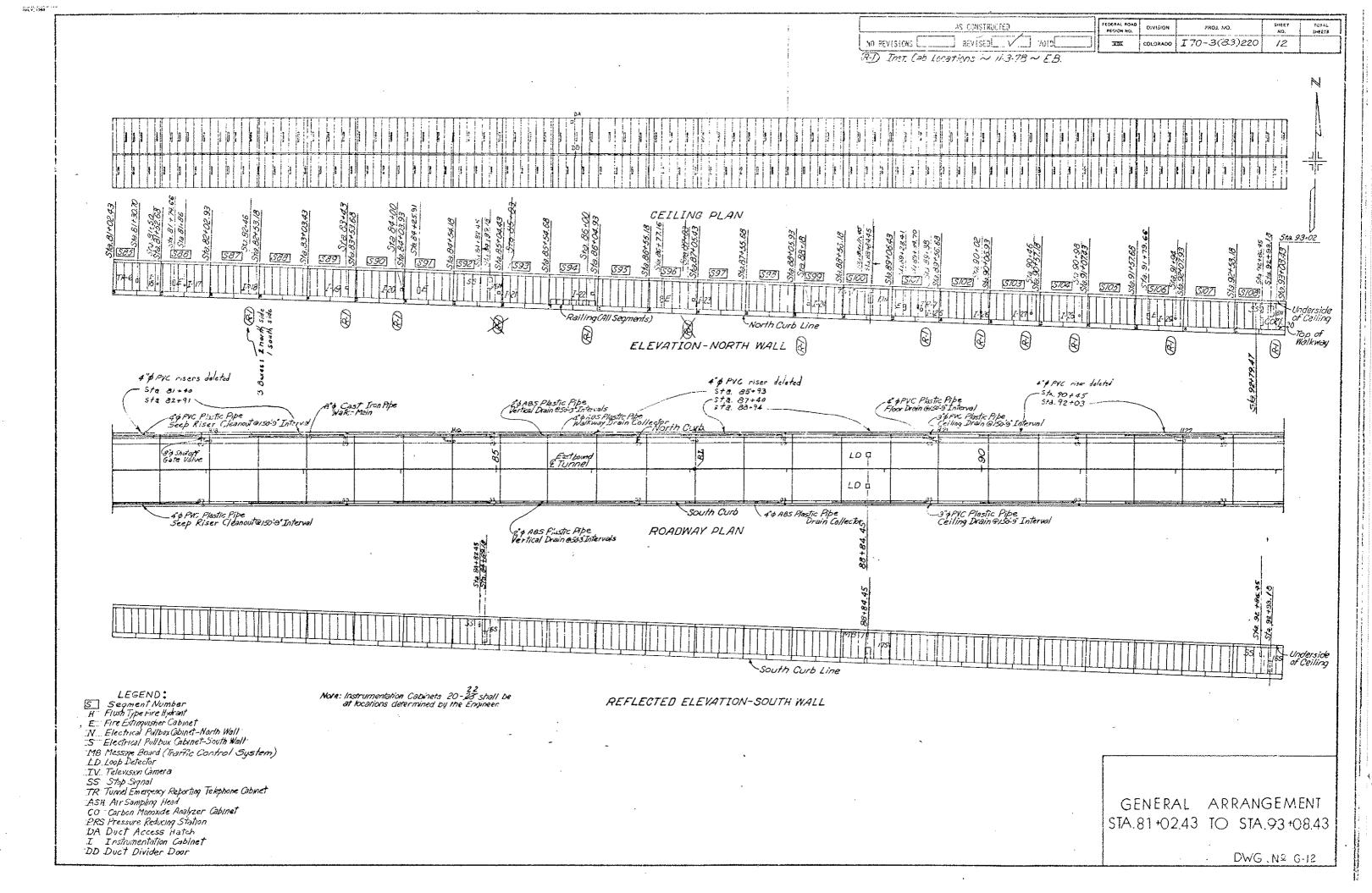


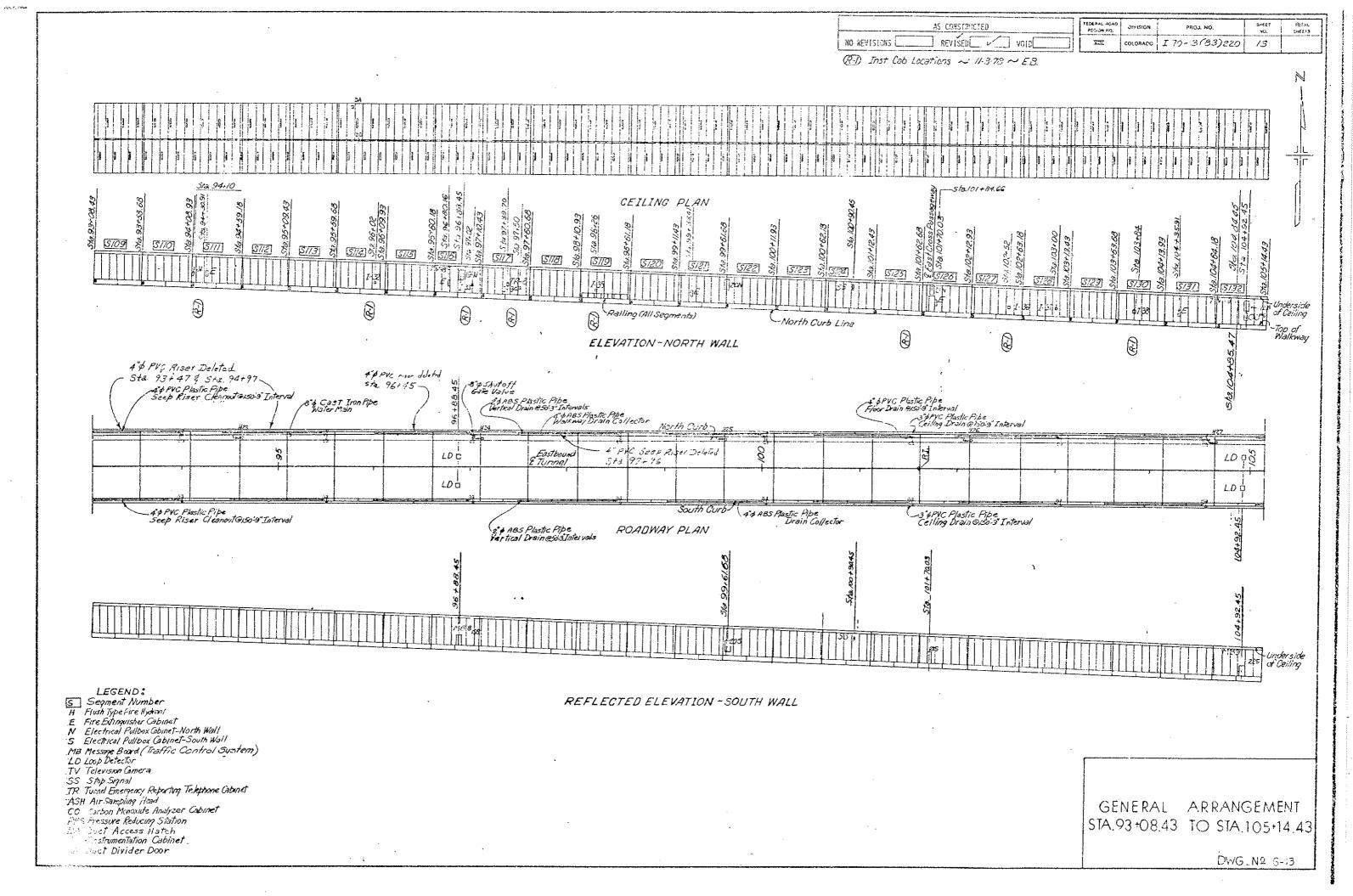


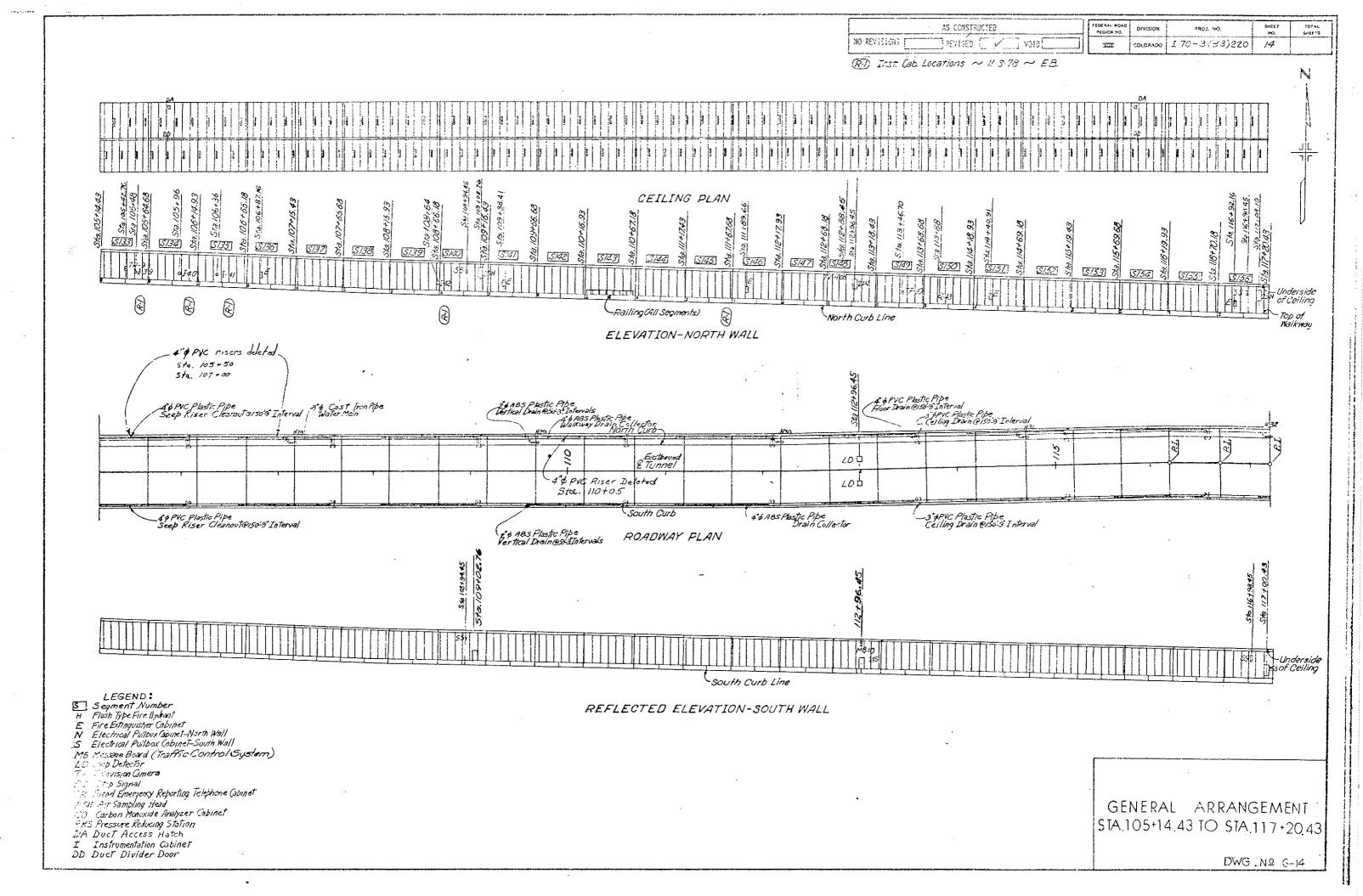


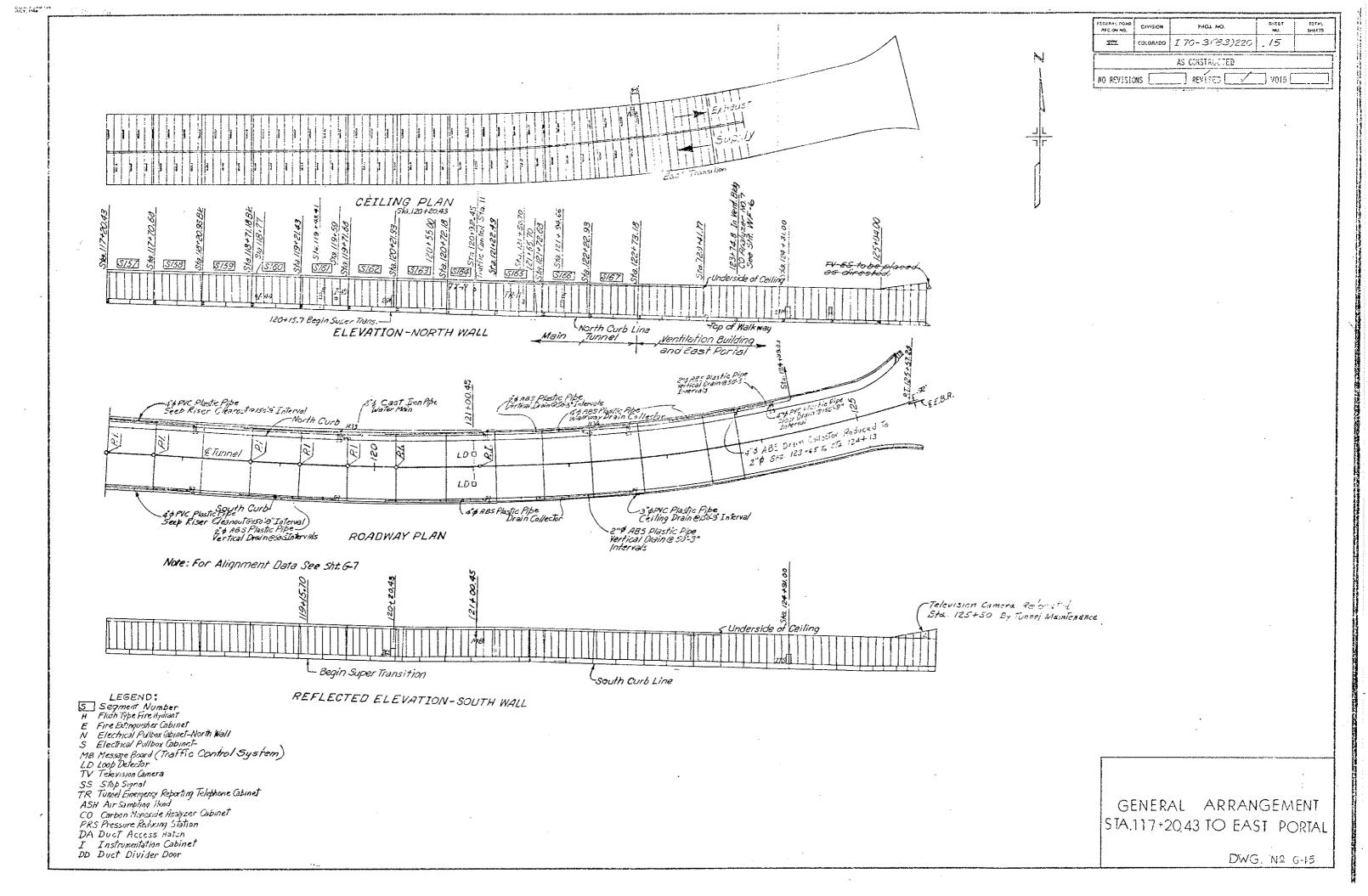


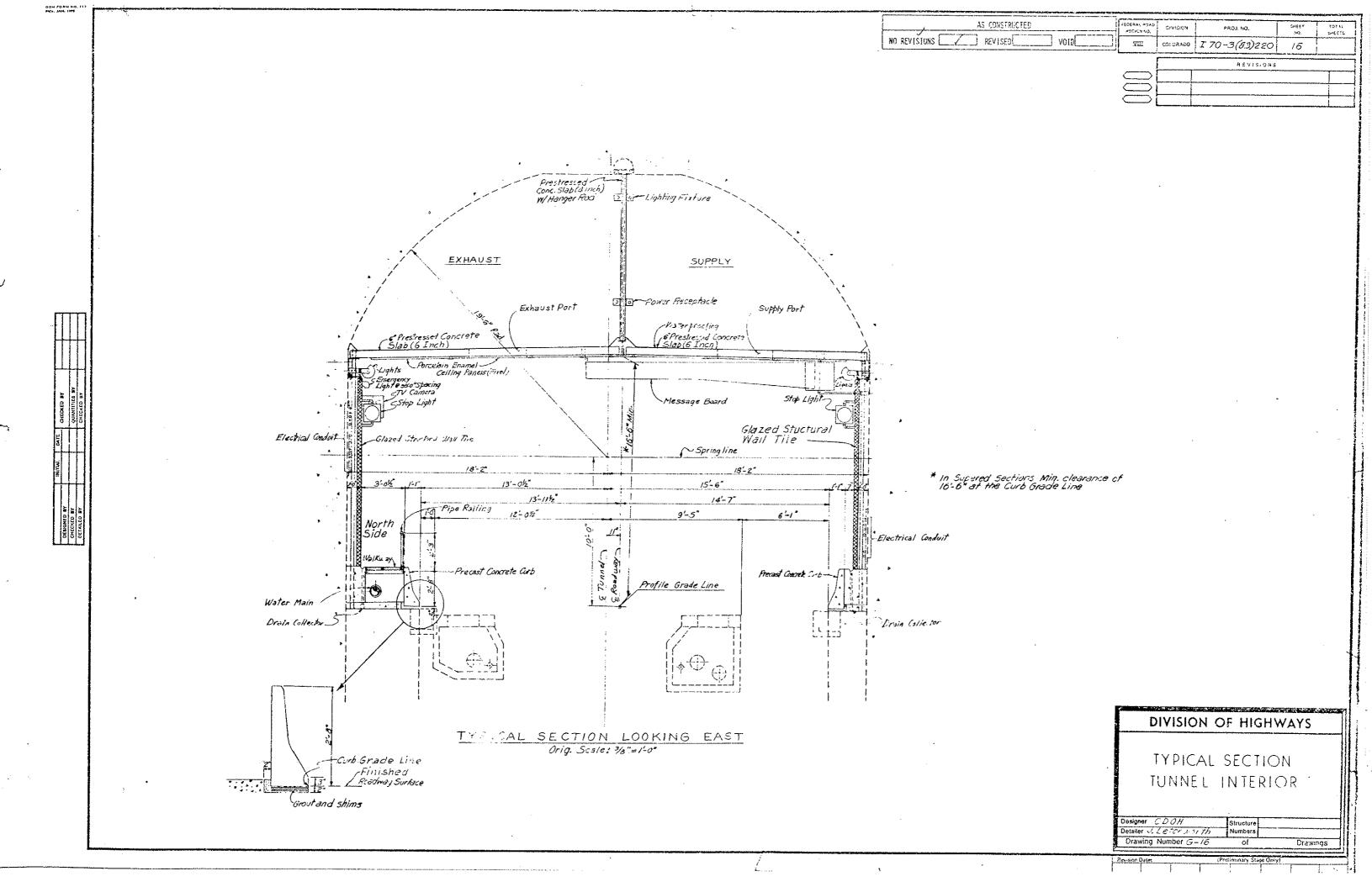


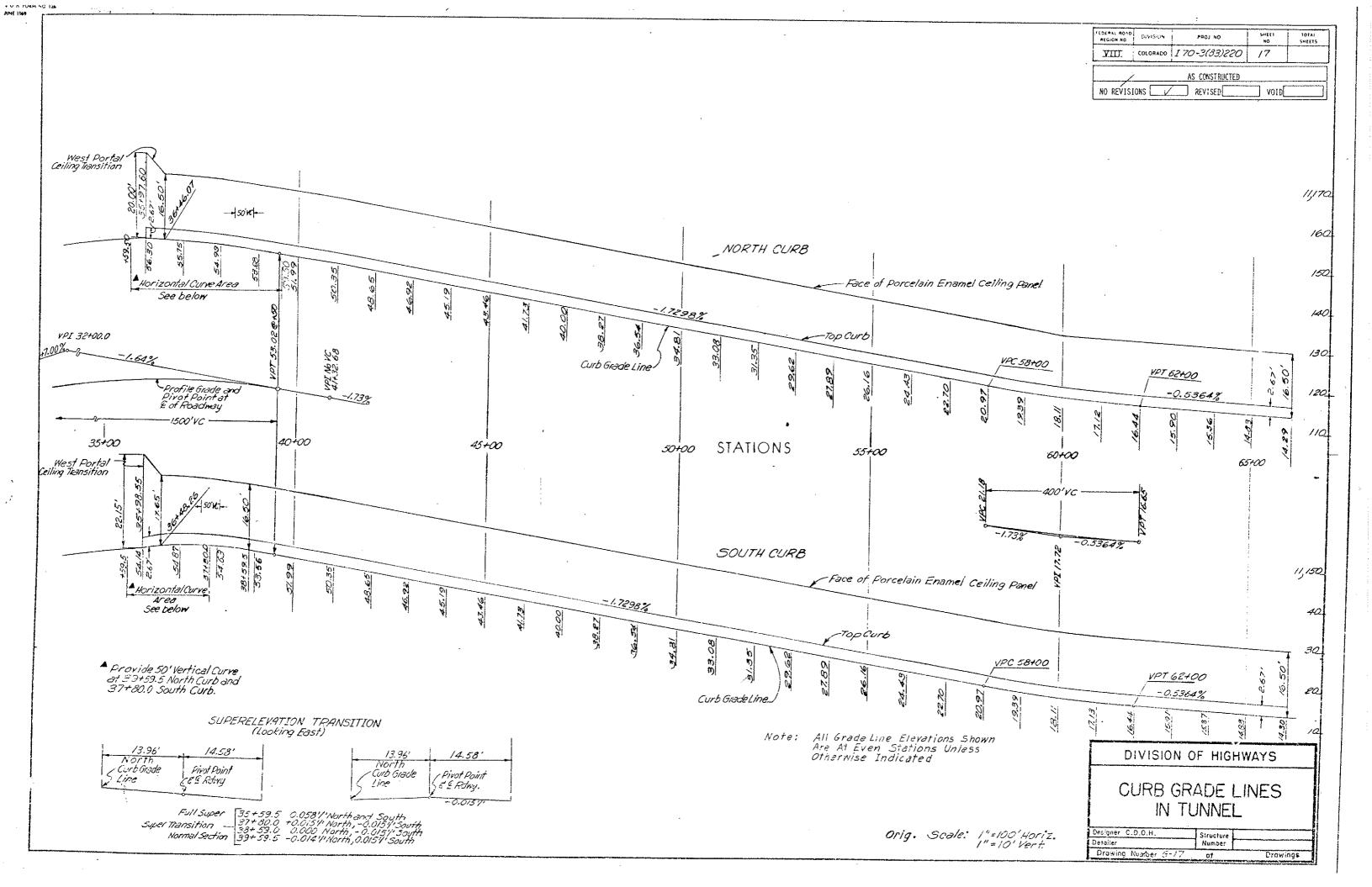


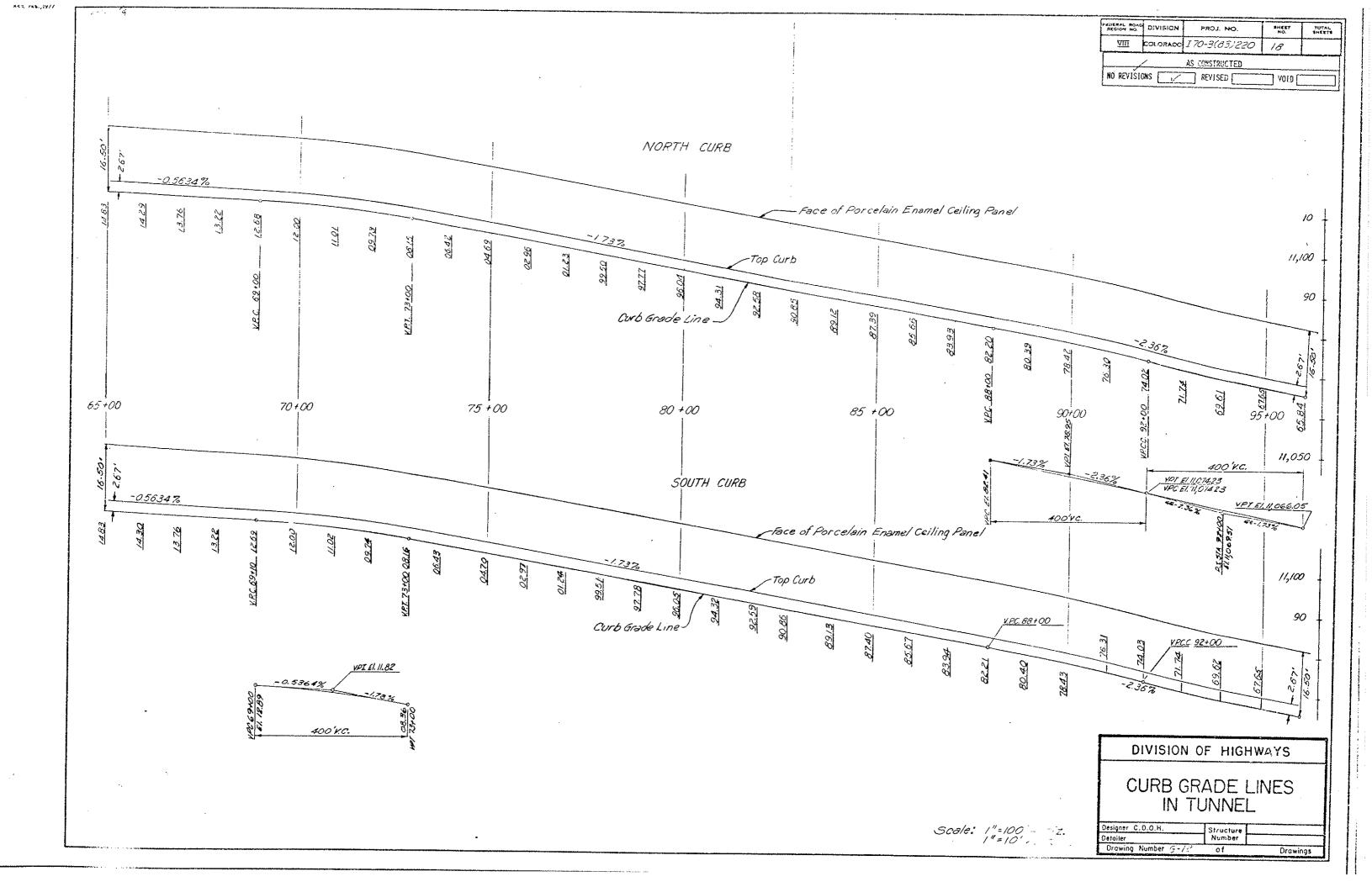


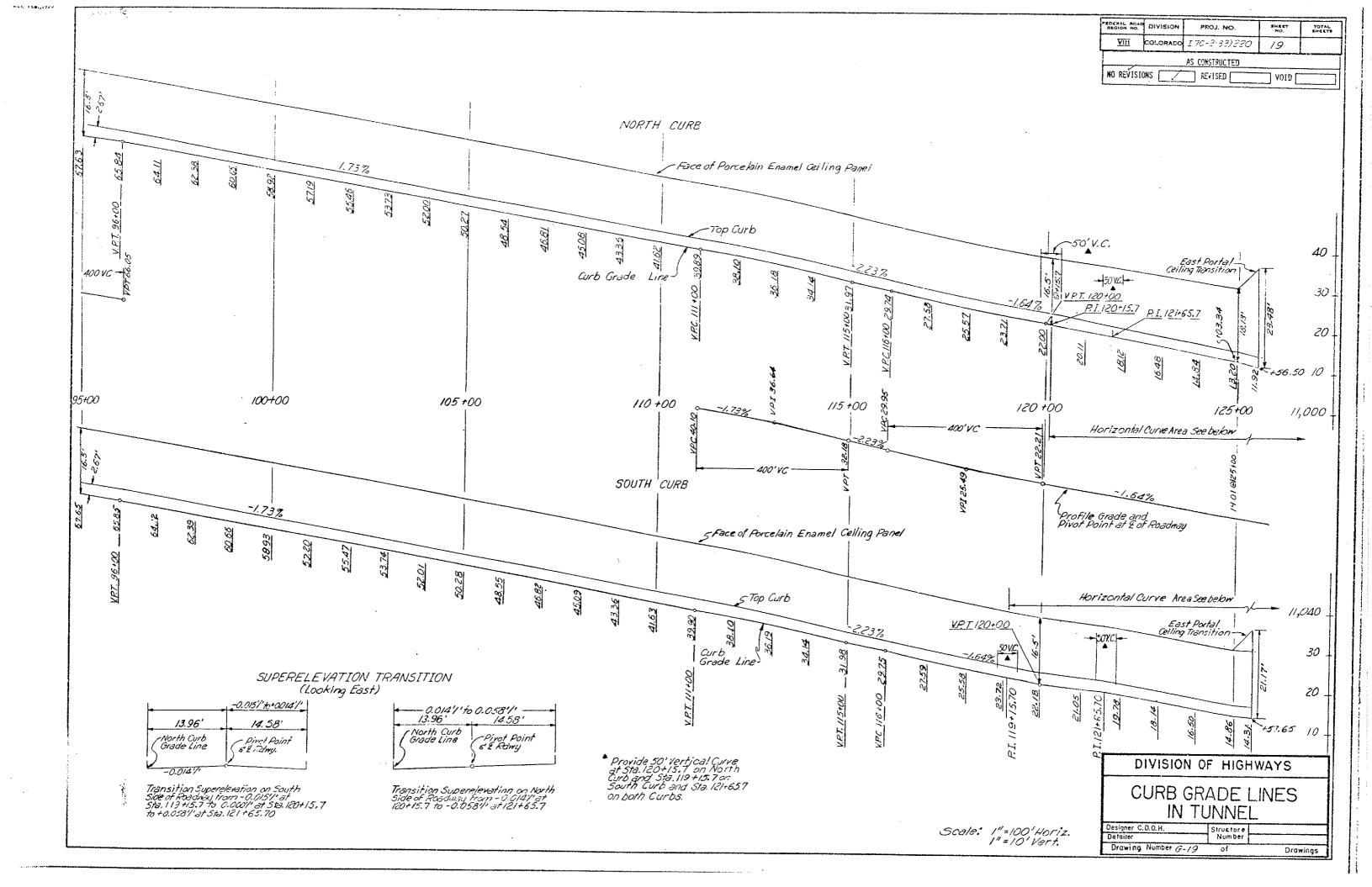




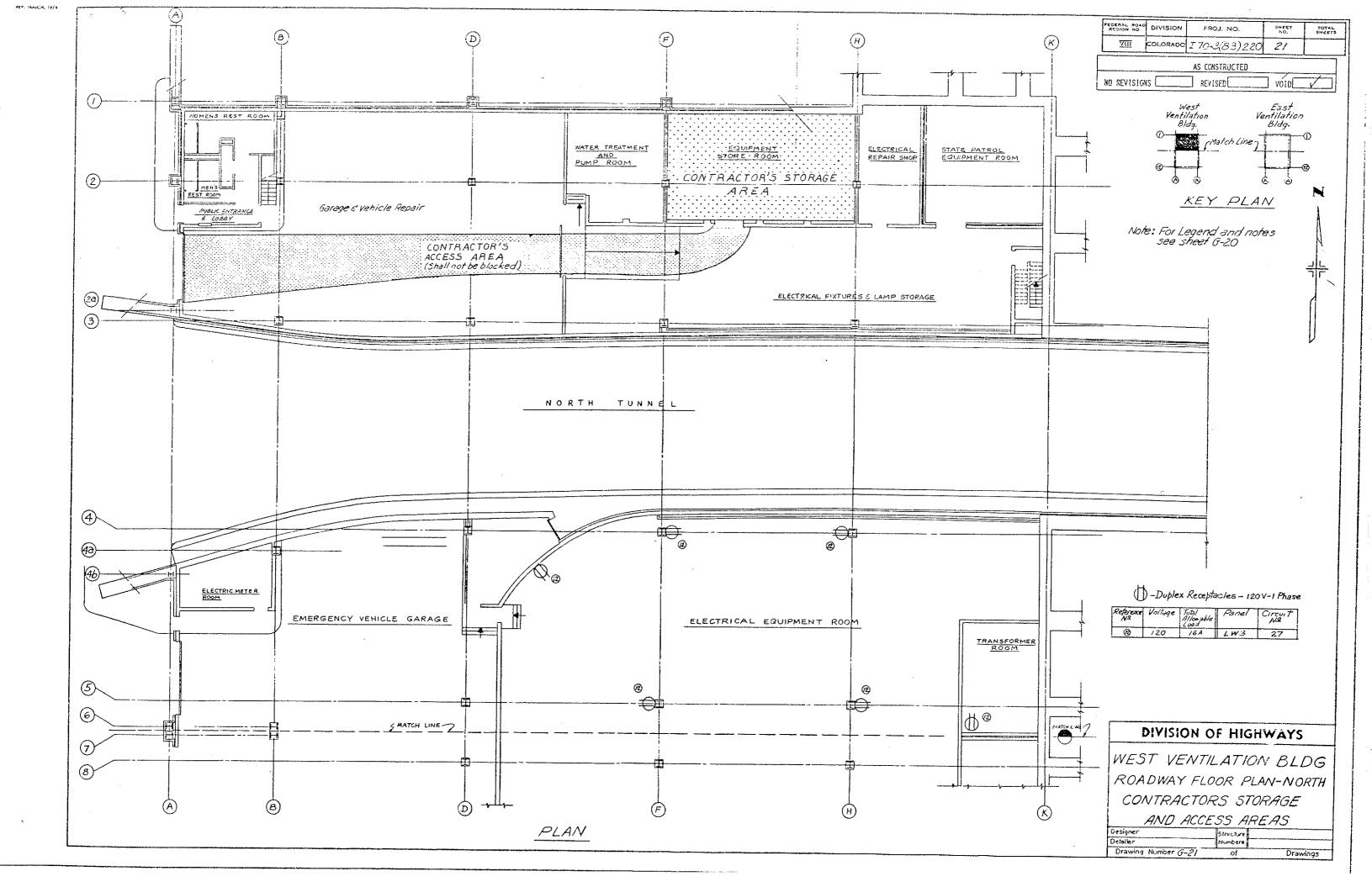


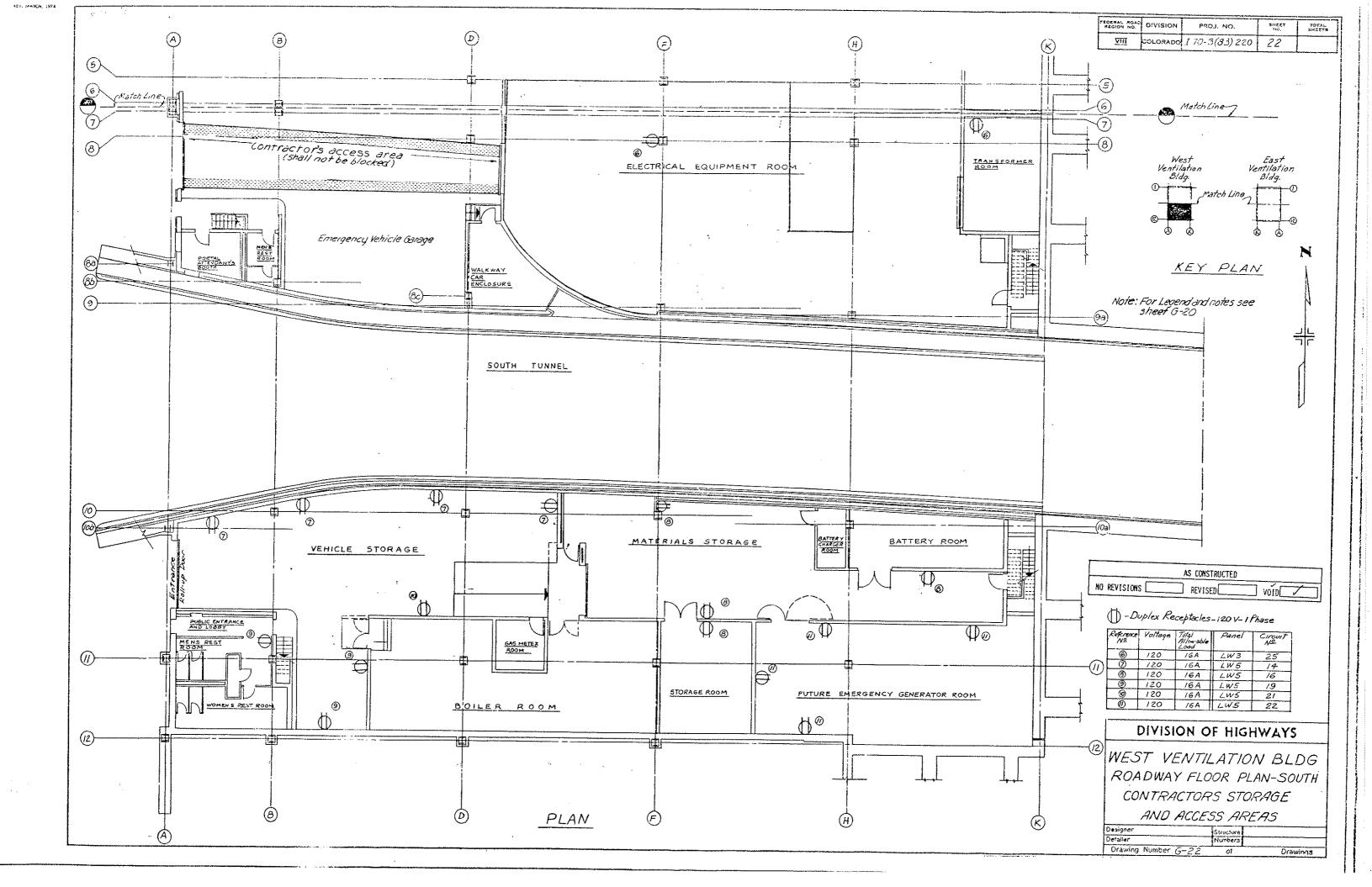


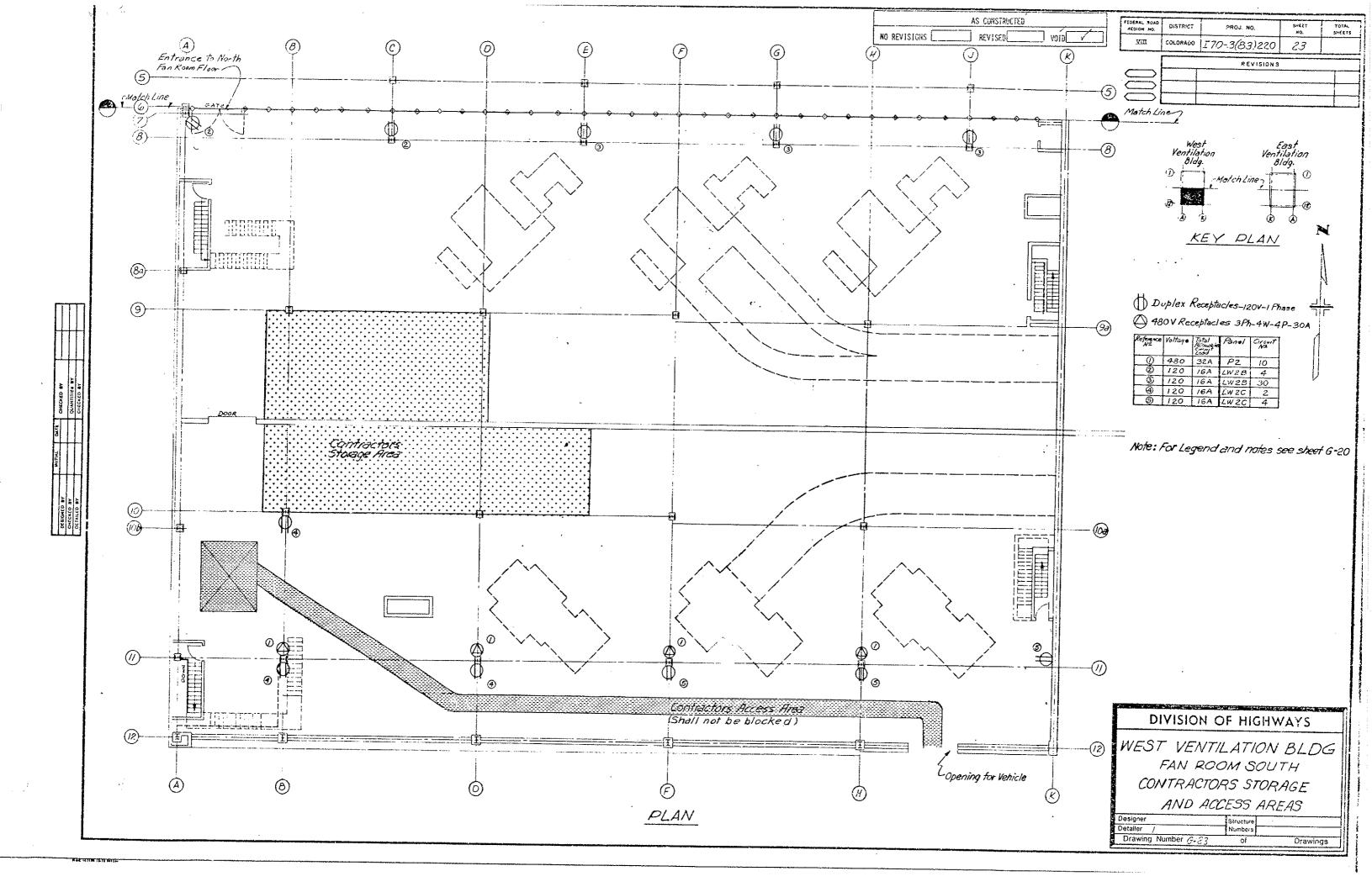


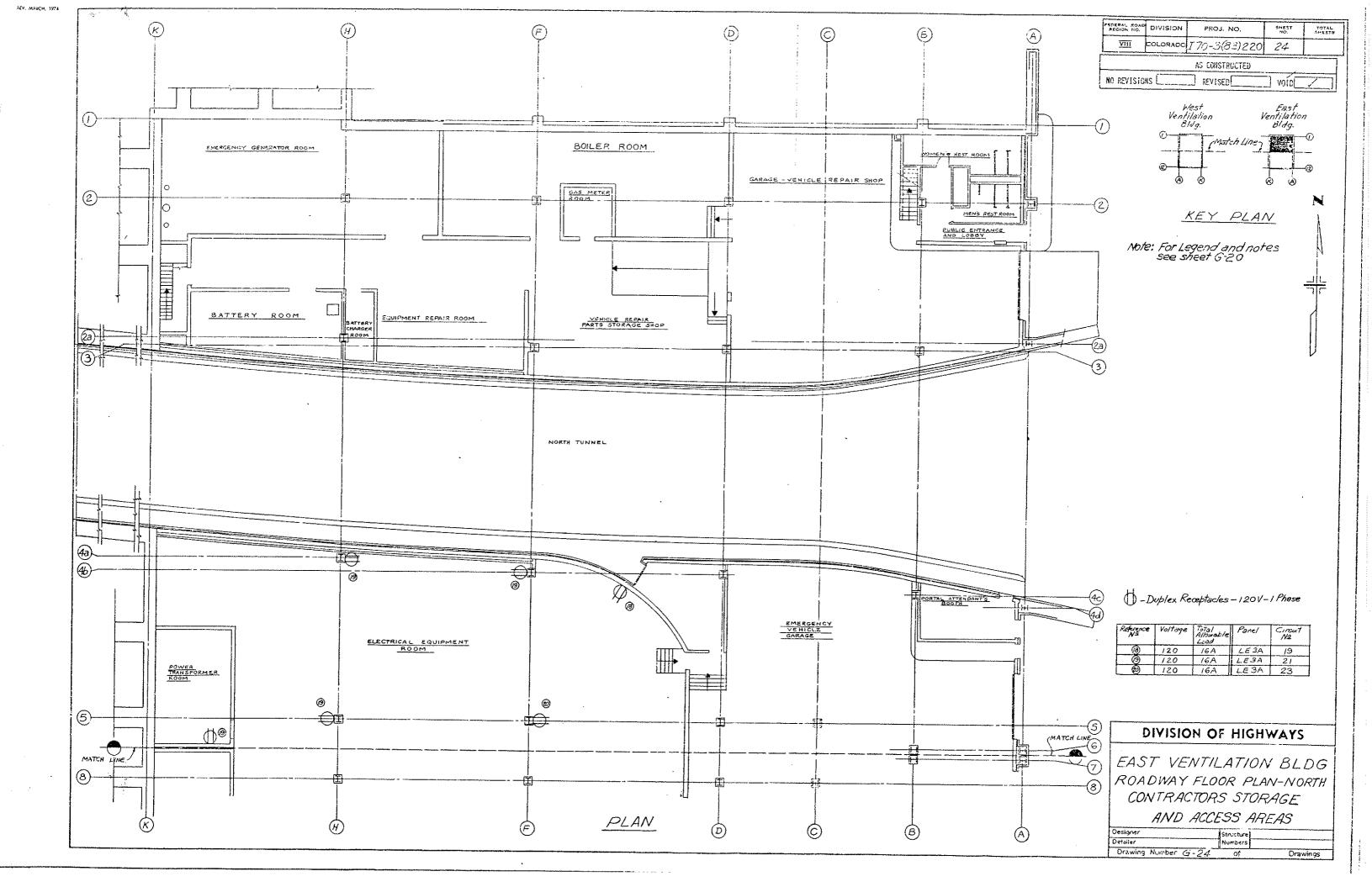


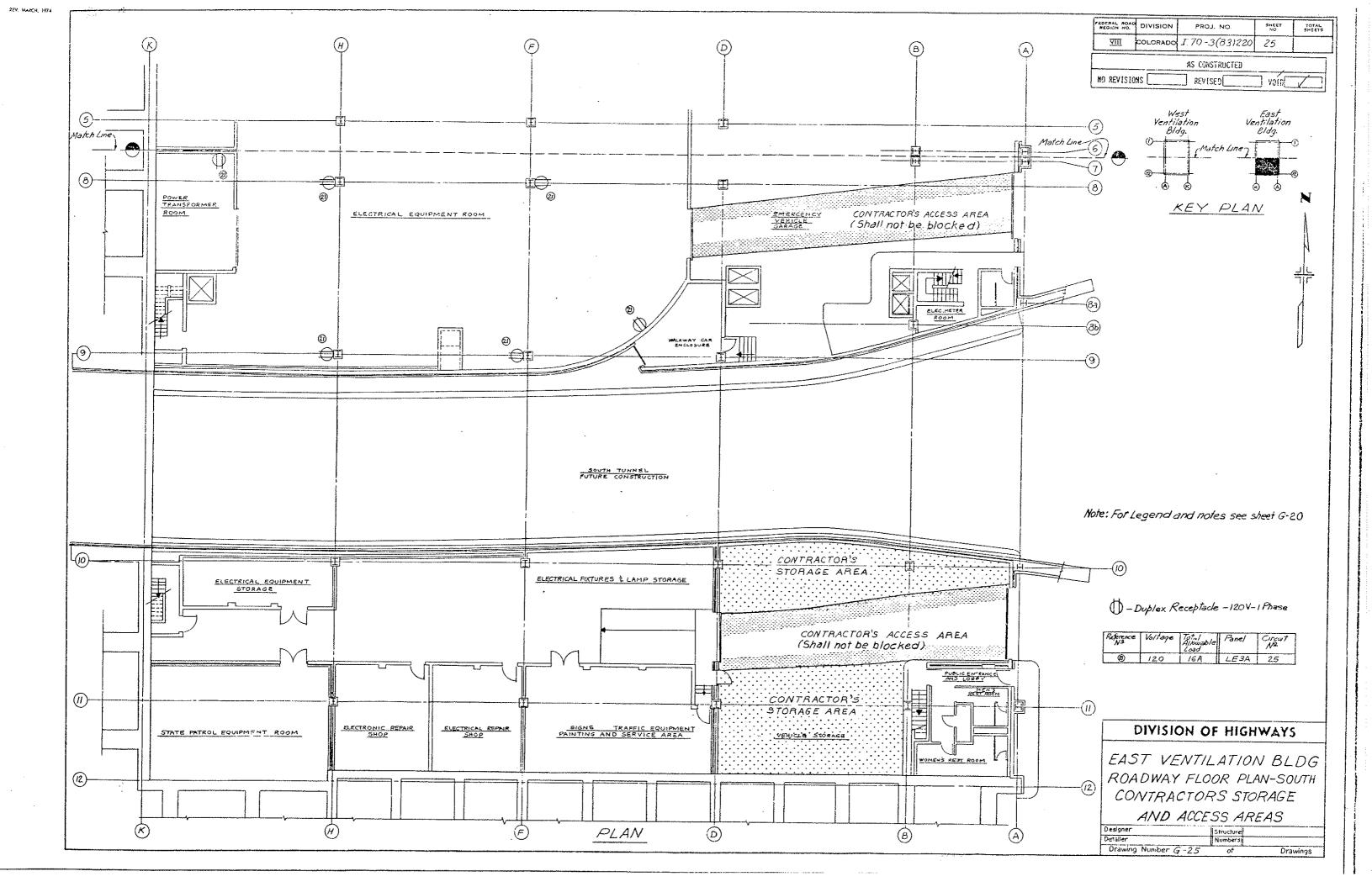
	WEST PORTAL AREA	AS CONSTRUCTED FEDERAL ROAD DIVISION PROJ. NO. SHEET TOTAL
	1. MATERIAL SHALL BE STORED SO THAT IT DOES NOT INTERFERE WITH THE MORTH TUNNEL MAINTENANCE OPERATIONS. 2. MATERIAL STORED WITHIN THE VENTILATION BUILDINGS SHALL ACLIMITED TO THE STORAGE OF ELECTRICAL AND MECHANICAL MATERIAL AND EQUIPMENT. 3. THE CONTRACTOR IS ADVISED THAT THE FOLLOWING DESIGN LIVE LOADS ARE THE MAXIMUM THAT WILL BE PERMITTED AND HE SHALL LIMIT HIS OPERATIONS ACCORDINGLY: (A) FAN ROOM FLOORS DESIGN LIVE LOAD - 5, DOD LBS. + 20T FOR IMPACT CONCENTRATED LOAD AT THE CENTER OF THE SLAB SPAN AT 3 FT. CENTERS ALONG THE CENTERIUM OF THE SHAB SPAN AT 3 FT. UNIFORMALLY DISTRIBUTED LOAD. (B) CONTROL ROOM CEILINSS DESIGN LIVE LOAD - 50 LB./SQ. FT. UNIFORMALLY DISTRIBUTED LIVE LOAD. 4. THE CONTRACTOR'S ACCESS AREA IN THE VENTILATION BUILDINGS SHALL BE MAINTAINED FREE OF STORED MATERIALS AND EQUIPMENT OR ANY OTHER BLOCKAGE. SHOWN AS THEY WILL BE REMOVED AND WILL NOT INVOLVE THIS	LEGEND -Contractors ficcess frea -Contractors Storage Area -Contractors Parking Area Storage Area -Contractors Parking Area Rock Outcop
D; 82.4(3+56.0	Public Parking area (Not for Contractor's use) (Not for Contractor's use)	Foundation of Batch Plant (Buried) Field Facility Field Facility For own Loop Road Gale Streen N.N.
Existing Toe of Stope	EQUA. POT. 419+72.65 BK. = POT. 26+23.70 Ah. W. 8. (37/Lt) = filling station his the April 26+73.35 Ah. E. 8. (37/Rt) Filling station his the April 26+73.35 Ah. E. 8. (37/Rt) Improved at sta, 2+30	Contractors Parking Area Show

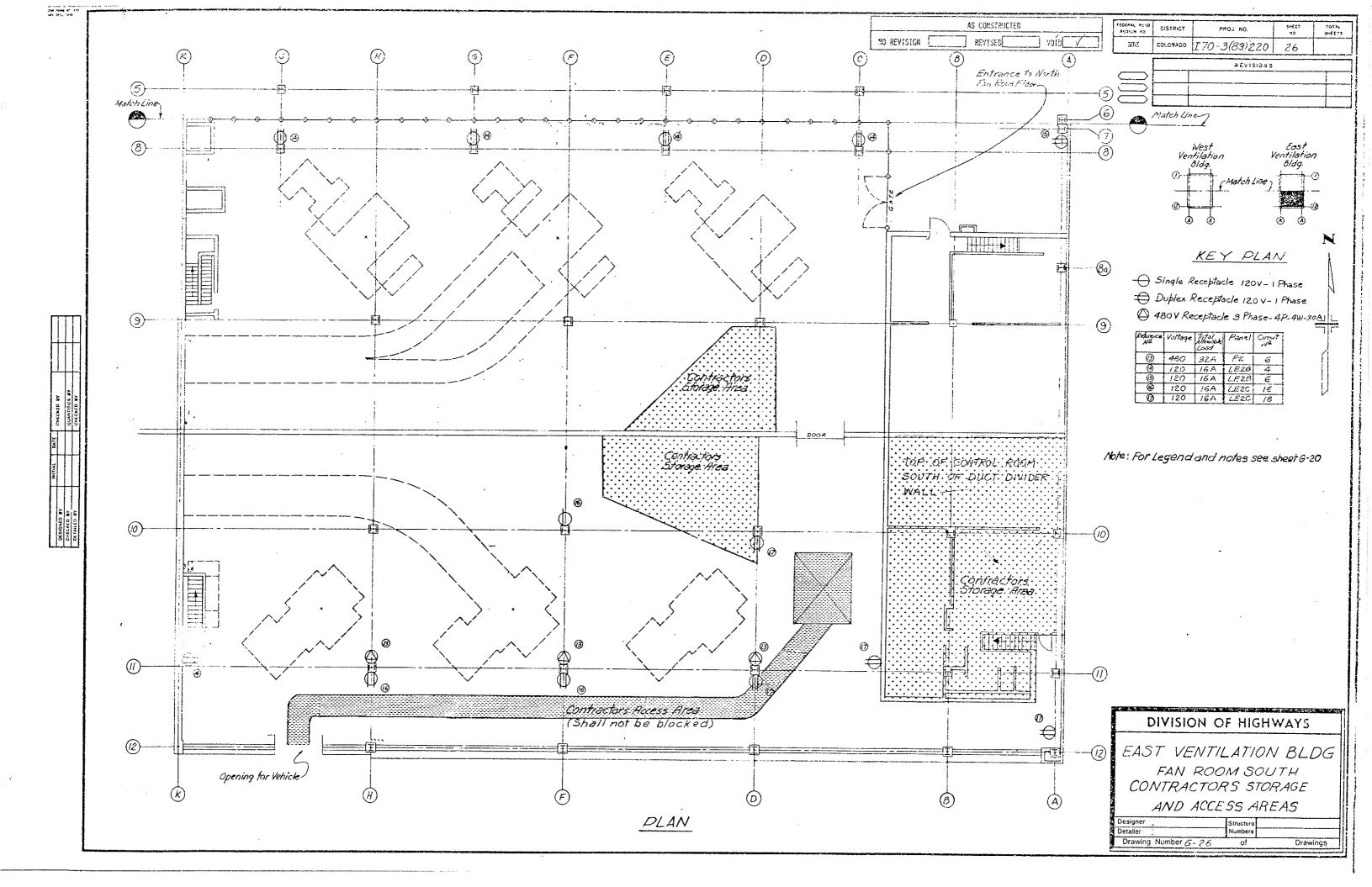


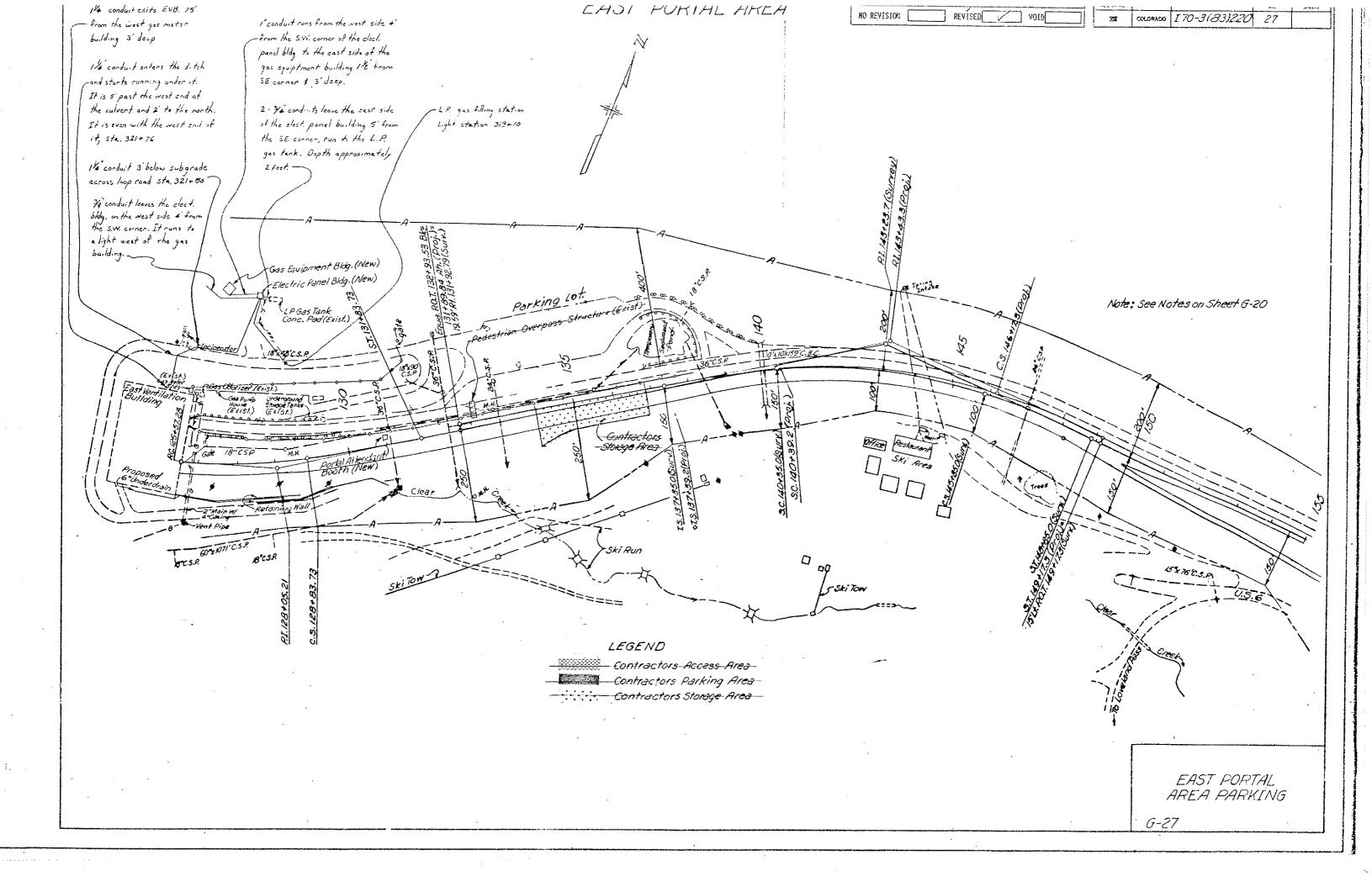


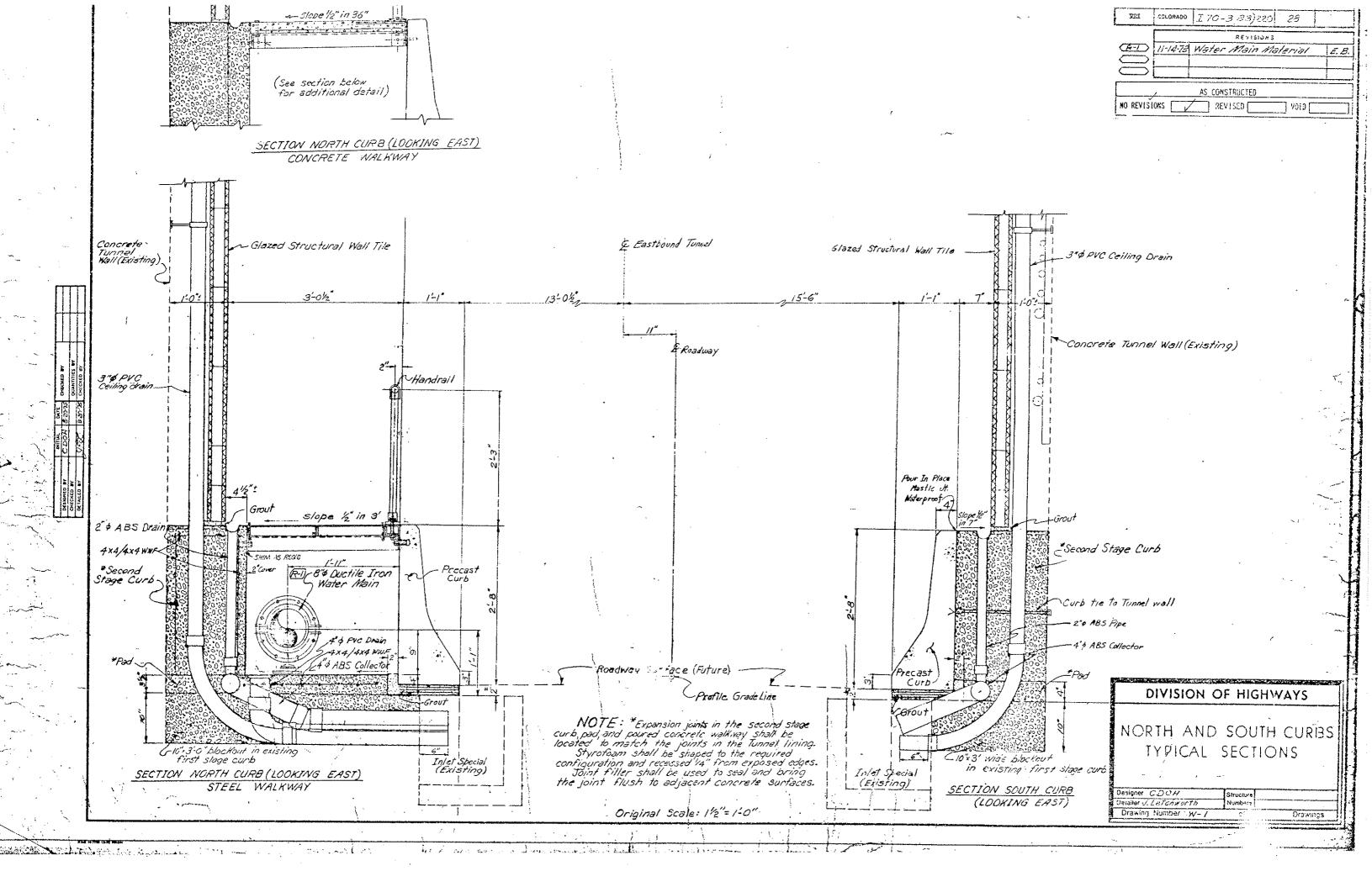


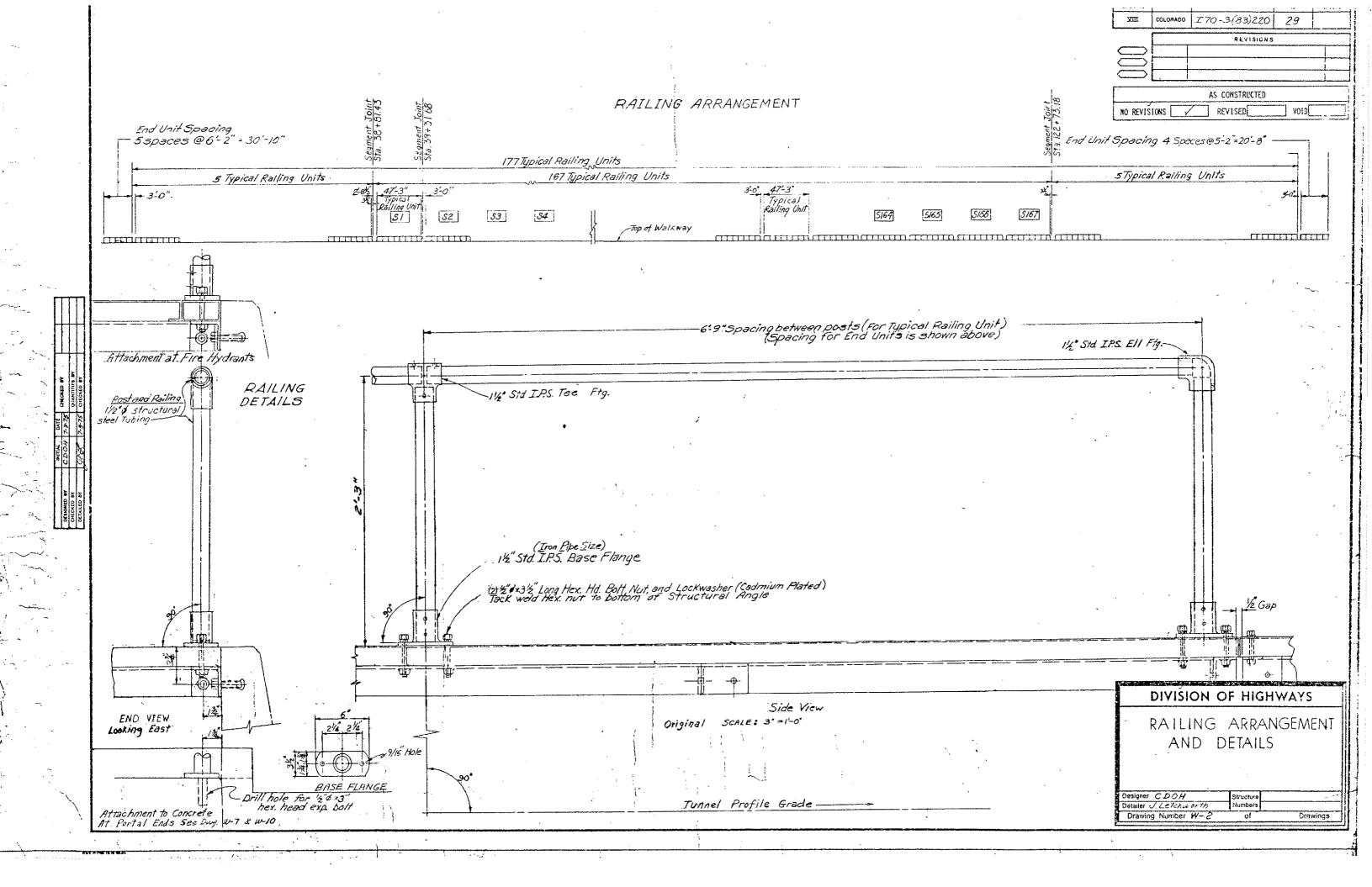


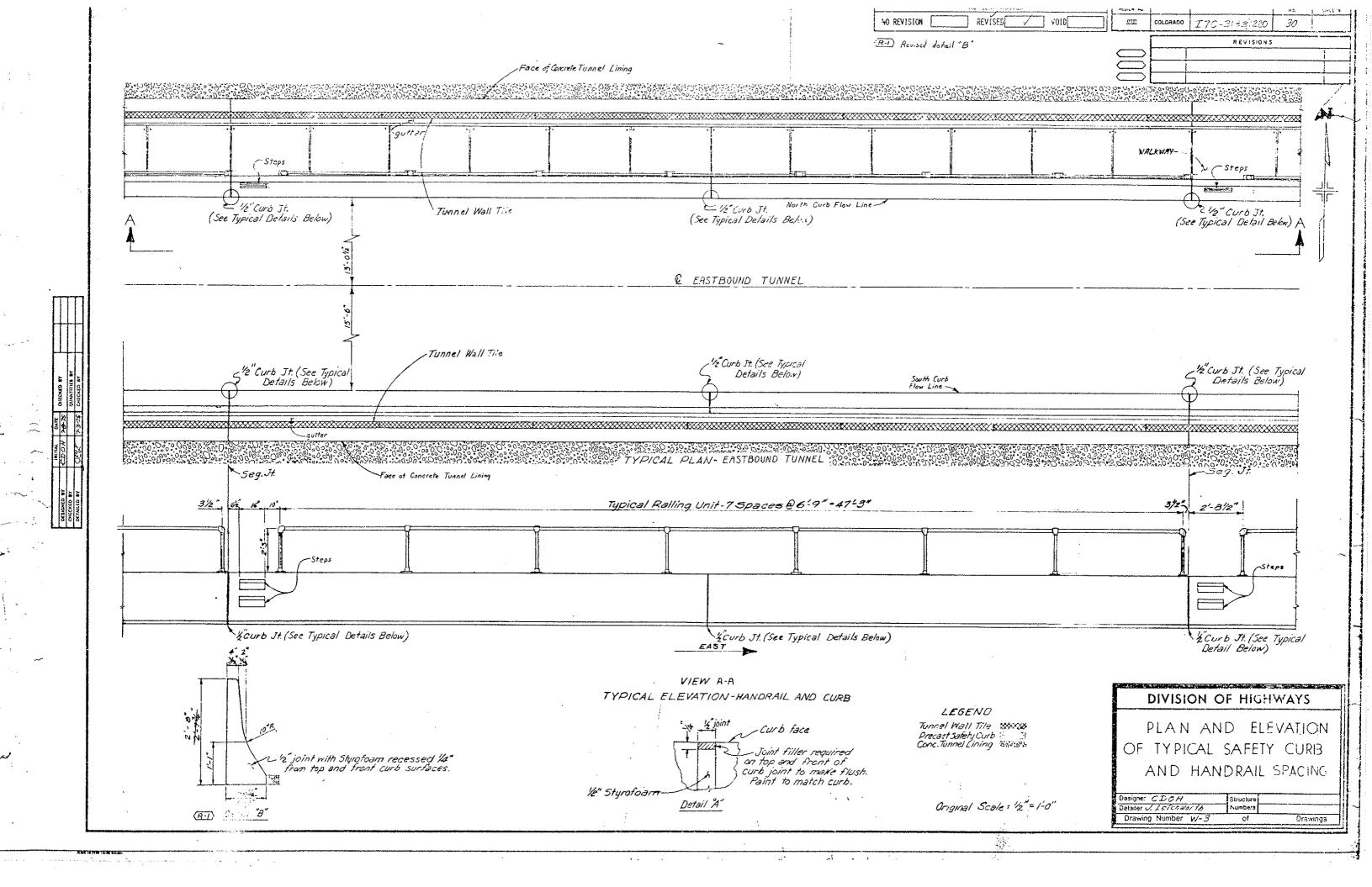


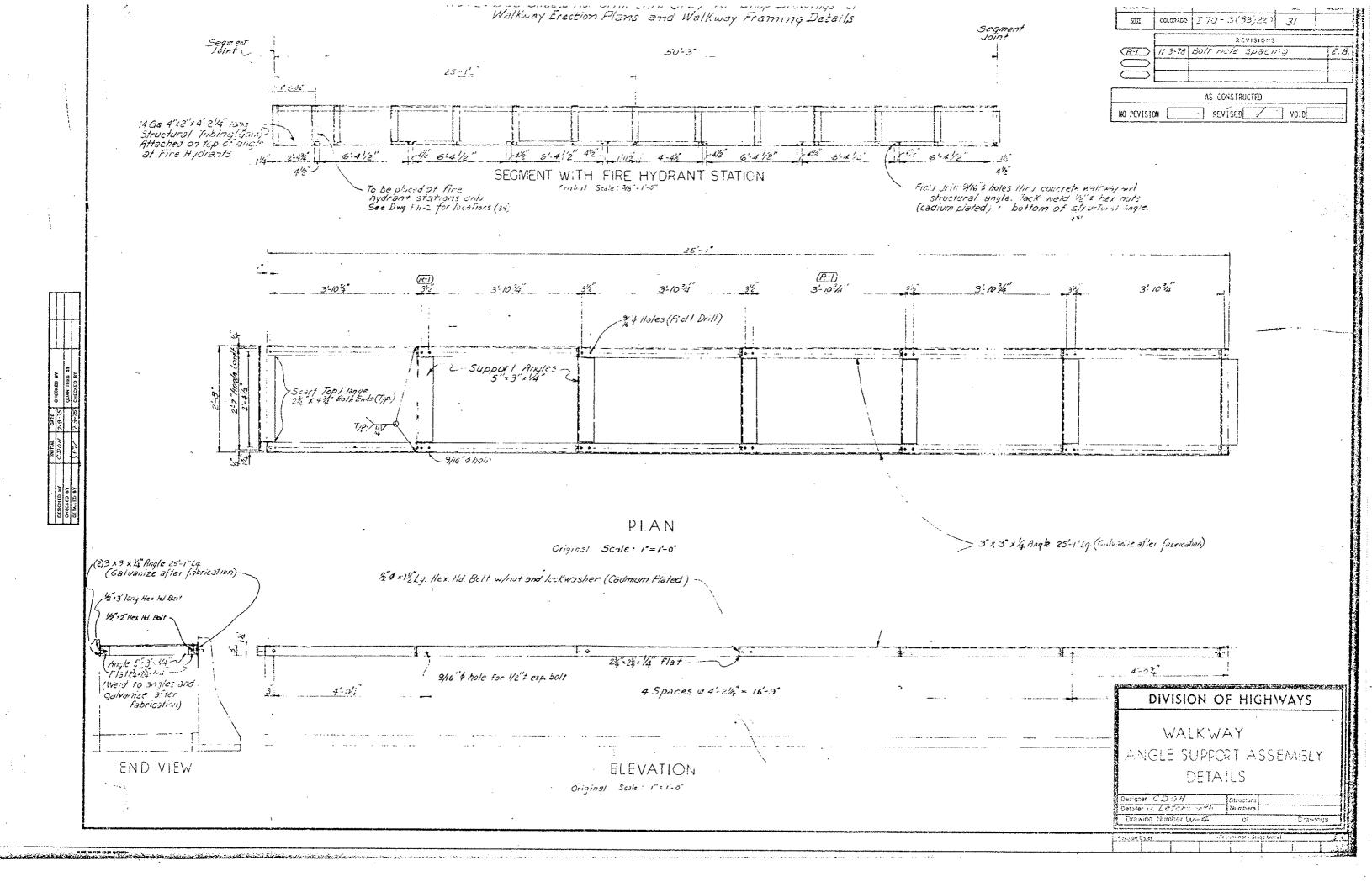


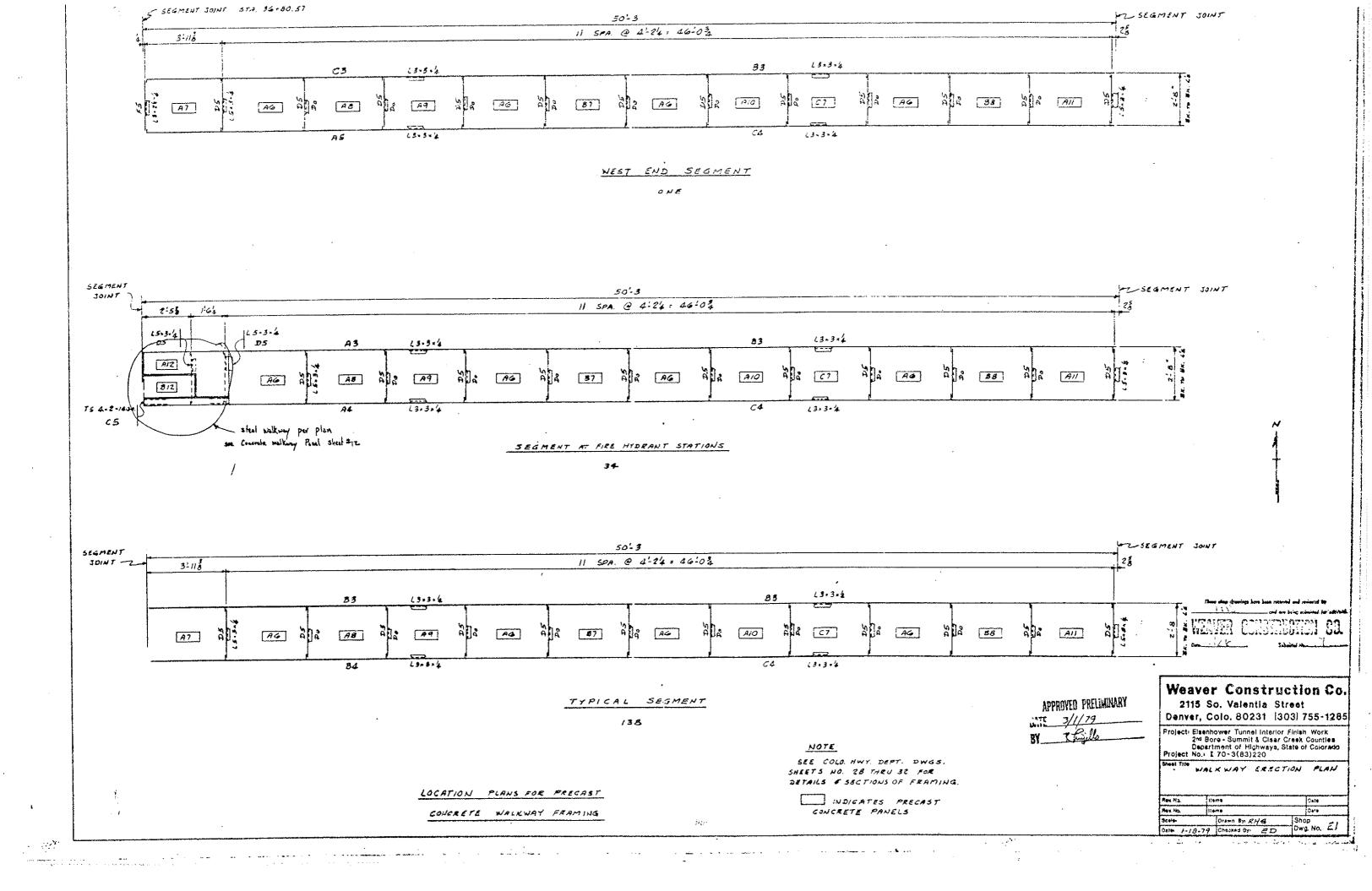






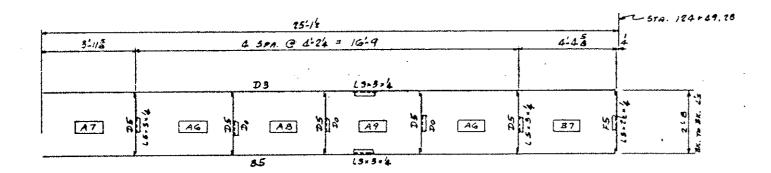






SEGMENT AT PRESSURE REDUCING STATION

ONE



EAST END SEGMENT

ONE

LOCATION PLANS FOR PRECAST

CONCRETE WALKWAY FRAMING

NOTE

SEE COLO, HWY. DEFT, DWGS. SHEETS NO. 28 THRU 32 FOR DETAIL & SECTIONS OF FRAMING

INDICATS PRECAST CONCRETE PANELS

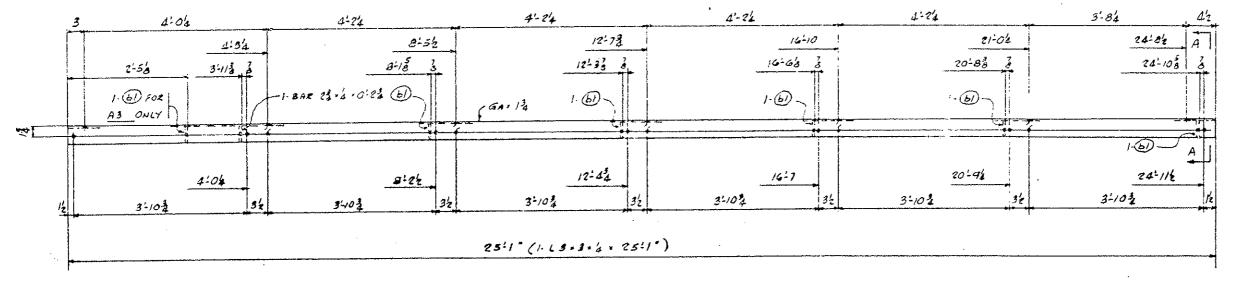
APPROVED PREISONARY

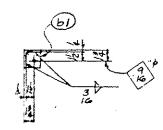
DATE 3/1/29

Project: Elsenhower Tunnel Interior Finish Work 2nd Bore - Summit & Clear Creek Counties Department of Highways, State of Colorado Project No.: I 70-3(83)220 Short Title WALKWAY ERECTION PLAN

Deta-Flore No. Dete Grawn By Ard DWG No. EZ Date 1-18-79 Chacked Byl ED

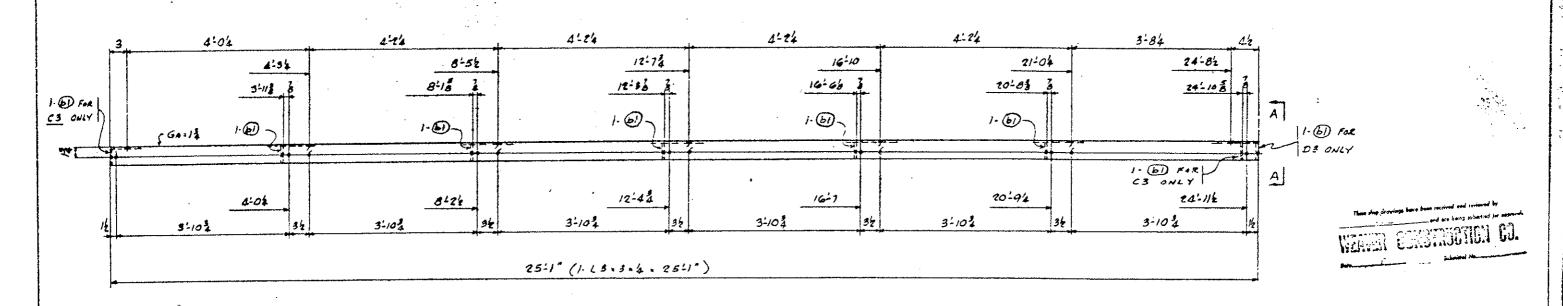
Weaver Construction Co. 2115 So. Valentia Sivest Denver, Colo. 80231 1303| 755-1285|





SECT. A.A

34 WALKWAY SUPPORT ANGLES - A3 315



ONE WALKWAY SUPPORT ANGLE - C3

ONE

- D5 Do APPROVED PRELIMINARY 3/1/79

FINISH - GALVANIZE HOLES - 16 UNLESS NOTED

Weaver Construction Co.

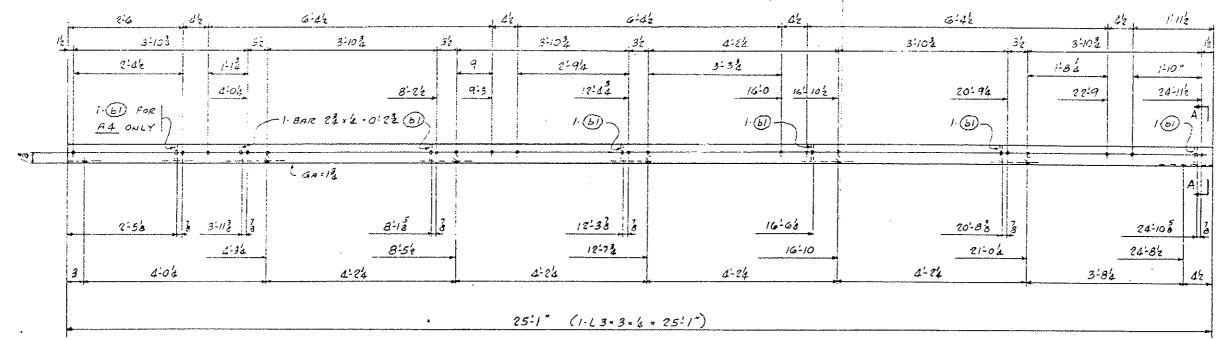
2115 So. Valentia Street Denver, Colo. 80231 |303| 755-1285

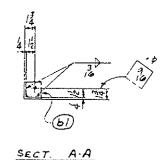
Project: Elaenhowar Tunnel Interior Finish Work 2M Bore - Summit & Clear Creek Counties Department of Highways, State of Colorada Project No.: I 70-3(83)220

SHOUTHS WALKWAY FRAMILIES

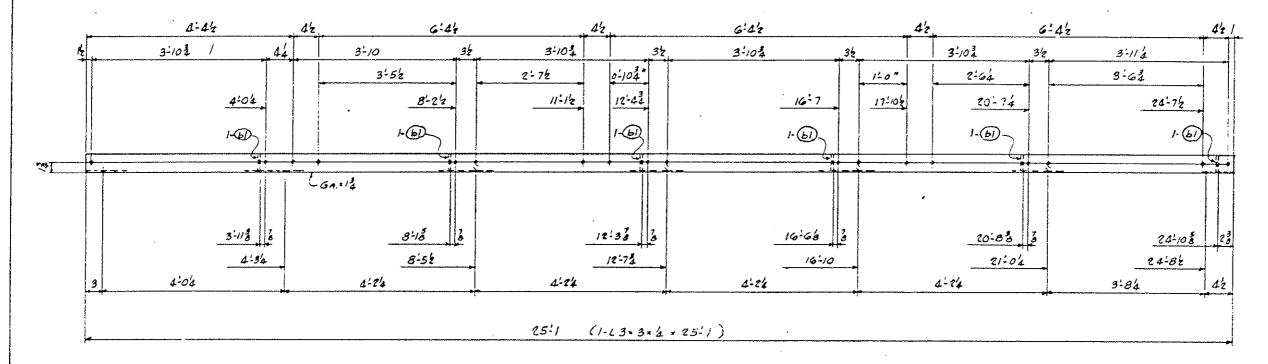
Plant, No.	11:0	e.		0110	
Reve No.	110	lioma		Cate	
\$c ≥		Orewn By #HOF	Sho	Shop p	
Date: /-/6	3-79	Checked By: ED	Dw(2.Na	

71. 1.





34 WALKWAY SUPPORT ANGLES - A4
139 Do - B4

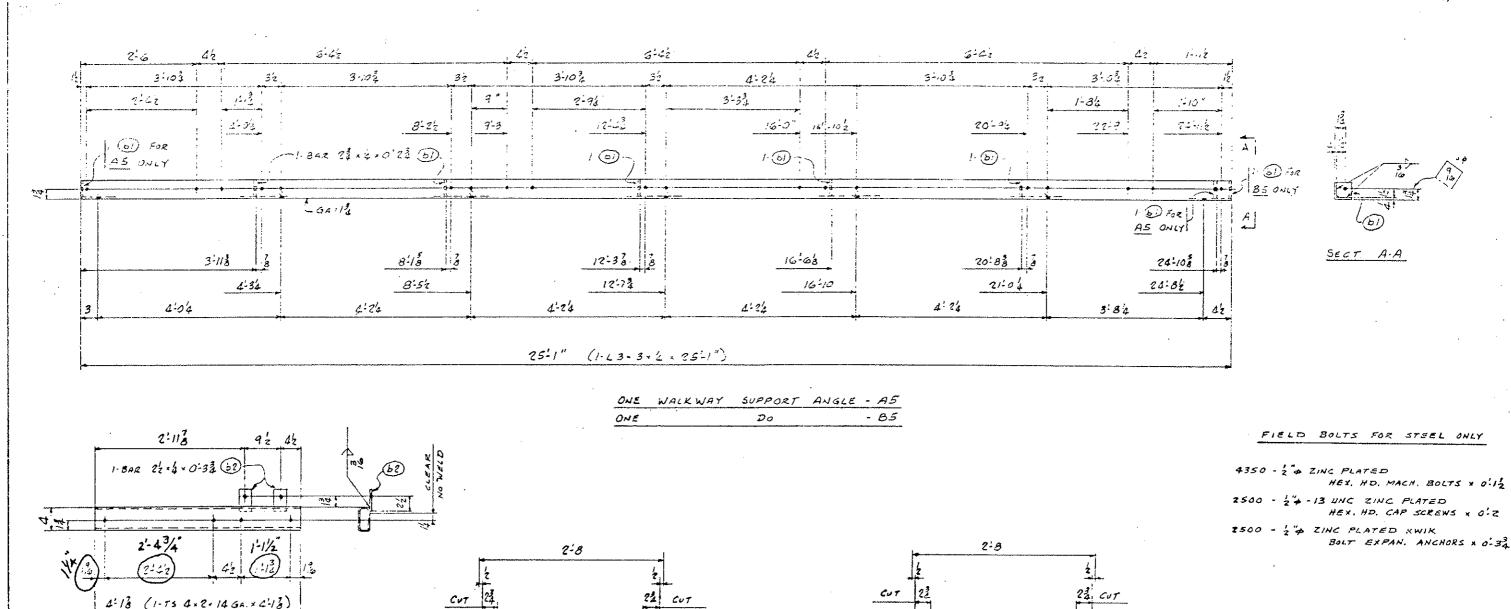


174 WALK WAY SUPPORT ANGLES- C4

HOLES " UNLESS NOTED

iî		PREIMERRY
ME	~	<u>-</u> ,
31		

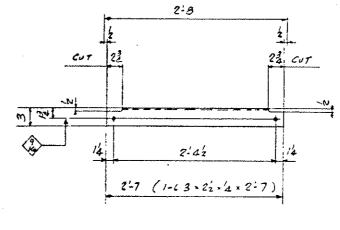
• •	2115	So.	Vale	stru ilin S 231, it	\$7 % # Z	י מפ יינייי	
	∵ 2na ∴ Dap	Bore : ertmen	Summi	el intervi la Cleer ghways, 220		osta Solor Color	
TOL	** ****						
				RAMI	2454 CV 151 Stall 8-		
Sheet 1	N.	CK.	9 4 - 5		2 () 2 () 2 ()		100
Sheet 1	he he	CK.	9 4 - 7 252 (RAMI		Supi.	
Sheet Ma. Seet Ma.		CKW	94. A	RAMI		ÿäa∵.	1



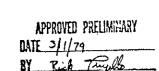
2:42

2-7 (1-65×3×4×2:7)

2127 ANGLES - D5



2 ANGLES - FS



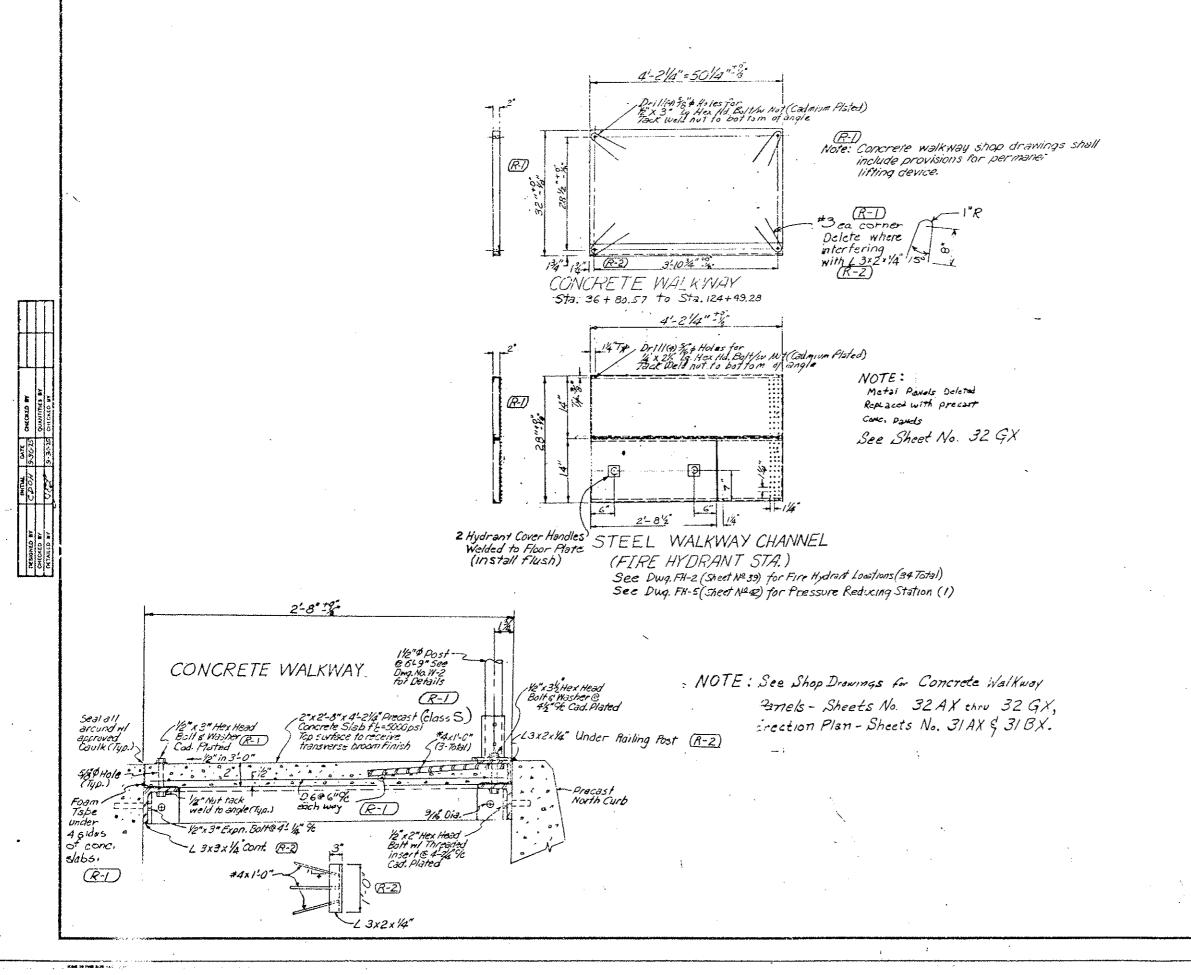
34 TUBES - CS 1-8AR 1 × 14GA **63** 1-R 13GA = 0:8" \$

FRICTION CAPS. HS

4-18 (1-TS 4x2.14 GA.x 4-18)

FINISH - GALVANIZE HOLES - " UNLESS NOTED

Weaver Construction Co. 265 So. Valentia Strast Denver, Colo. 80231 (303) 755-1285 Project: Eusenhower Tunnel Interior Finish Work
2 € Bare - Summit & Clear Creak Counties
Department of Highways, State of Coloredo'
Project No. 1 70-3(83)220 SHE THE WALK WAY FRANCING Crawn be PHG. Deta 1-18-79 Checked By: EZD



РЕОСЯАЬ ЯОДО МЕСКОН ЖО.	017151014	PROJ. NO.	5H437 NO.	TOTAL MEETS
хш	COLORACO	I 70-3(83)220	32	
	/ ************************************	REVISIONS		
	10/17/28	Reu dime, elabrein	f, conc	
				Ditt
<u> </u>		closs, odded notes. Slab dims, Angle		HHH

AS CONSTRUCTED

REVISED

Notes:

The Contractor shall field Cut(sawed & or punched not burned) 6"diameter holes in
the cencrete walkway channel directly over the
Stems of gare valves in the water main
System. The holes shall be smoothfinished and large enough to accomodate
the wrench that operates the valve.
Frouide friction caps on all valve openings.

svel Edge 45°2 | 13 Ga. Oalv. Steel

NO REVISIONS

Friction Cap (Typical)

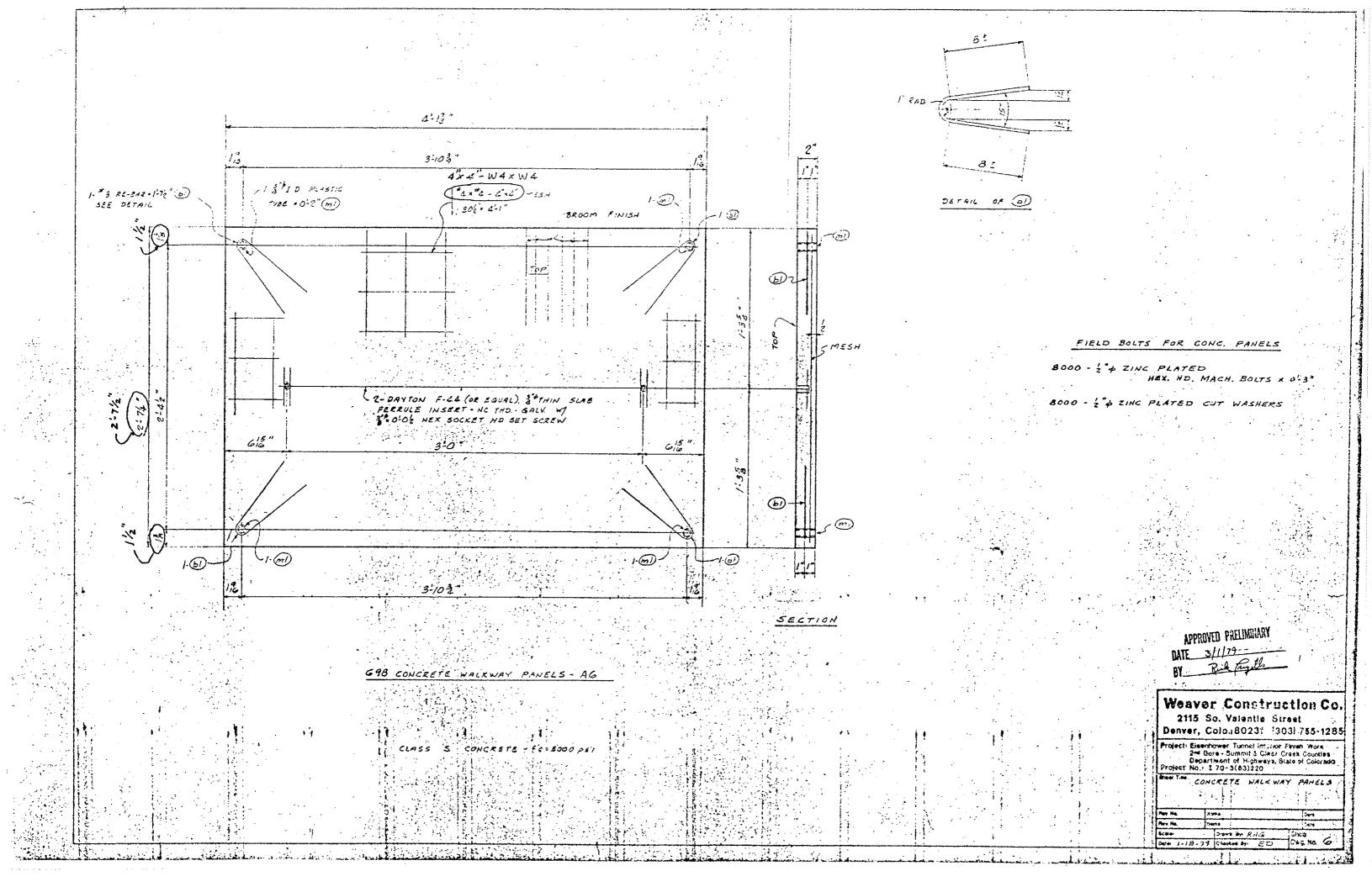
The 6" halas were cut in the face of the Safety curbs at Sta. 61+892 and 87+012

DIVISION OF HIGHWAYS

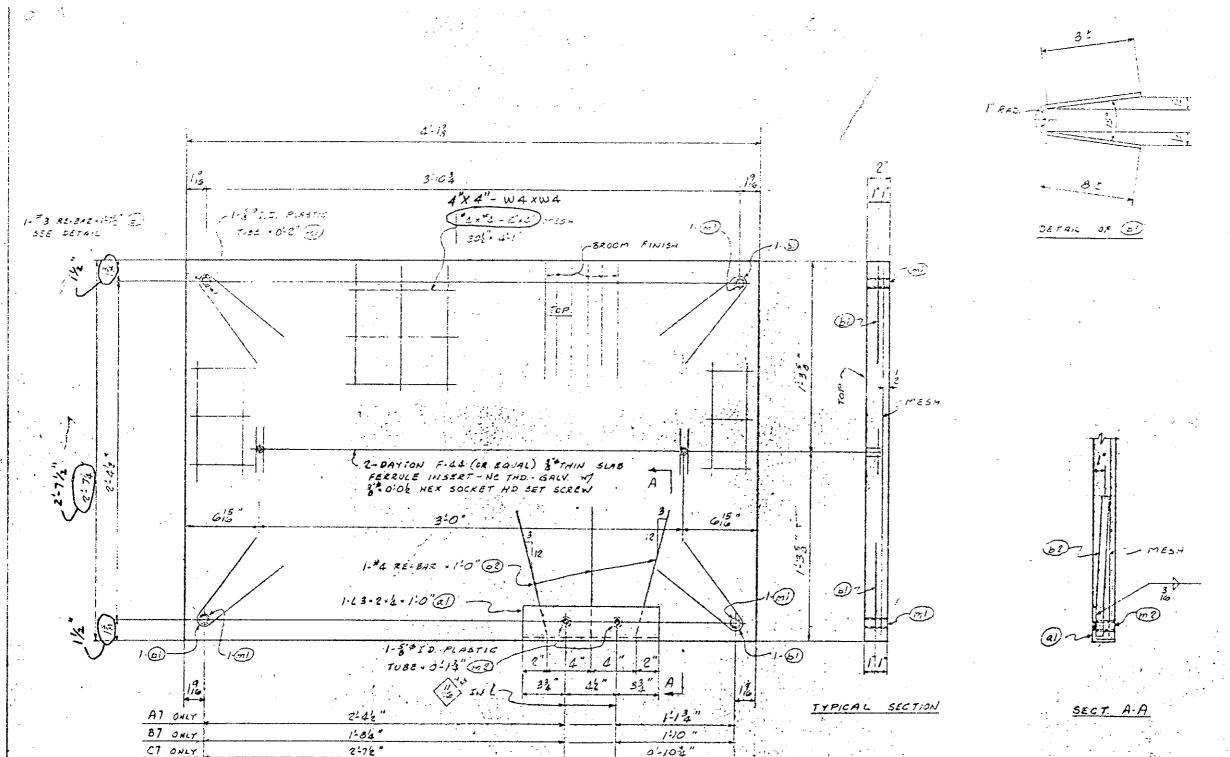
WALKWAY DETAILS

Designer CDOH	Structure	
Detailer J. Letchworth	Numbers	
Drawing Number W-5	of	Drawings

evision Dates (Preliminary Stoge Only)







141	CONCRETE.	WALKWAY	PANELS	- A7
175		Do:	L	- 37
174		⊅0		- 67

CLASS S' CONCRETS - FC-18000 ps :

APPROVED PRELIMEURY
DATE 3/1/79

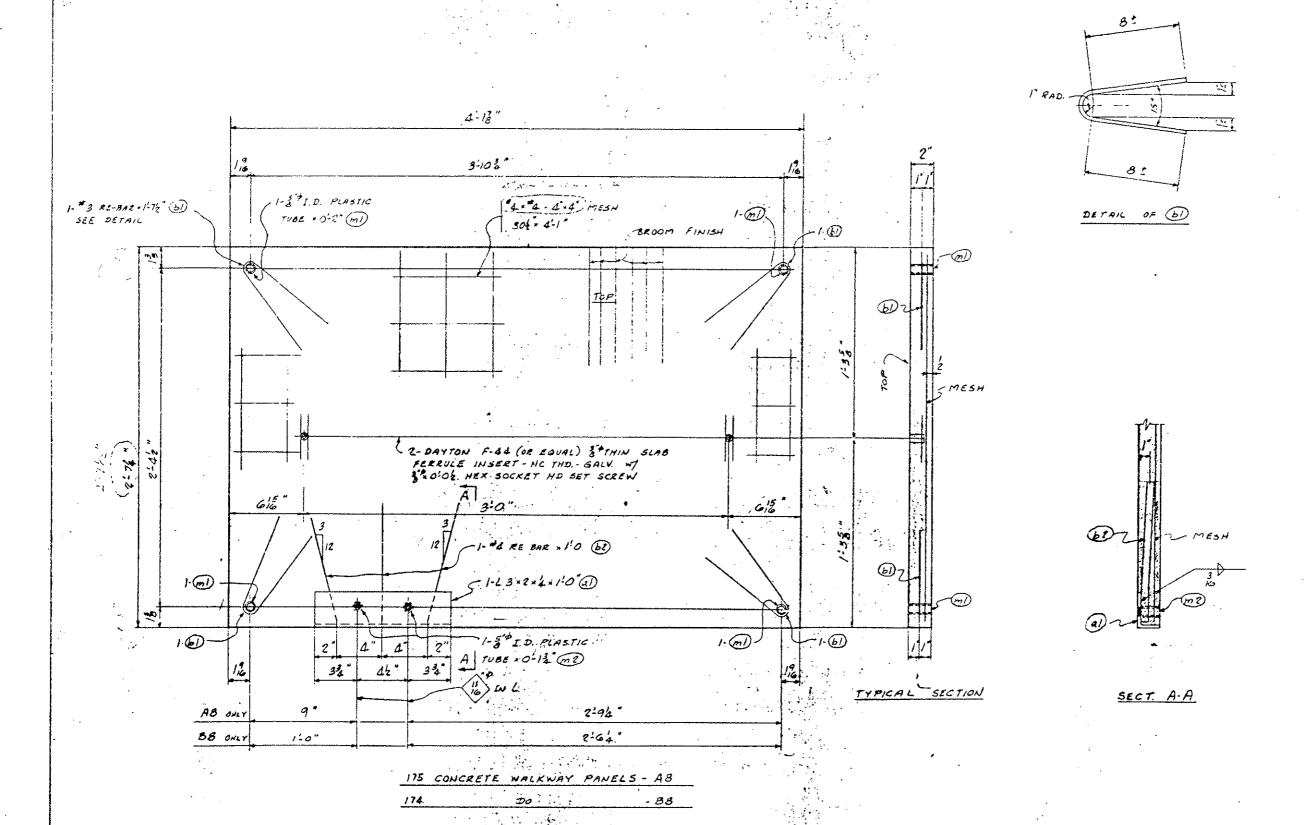
Weaver Construction Co. 2115 So. Valentia Street

Denver, Colo. 80231 | 1303| 755-1235

Project Elsenhower Tunnel Interior Finish Work 2rd Bore-Summit & Clear Creek Counties Department of Highways, State of Golorado Project No.s I 70-3(83)220

CONCRETE WALKWAY PANELS

1	Mere (\$0,	16.64	Dese
	Atra Xa.	C3/941	Sets
	\$cs+	Drawn or RHS	či og
	Dotte 1-19-7	9 SHOWEDY ED	Cwg. Ha.



A CONTROL PREDICTS

Weaver Construction Co. 2115 So. Valentia Street

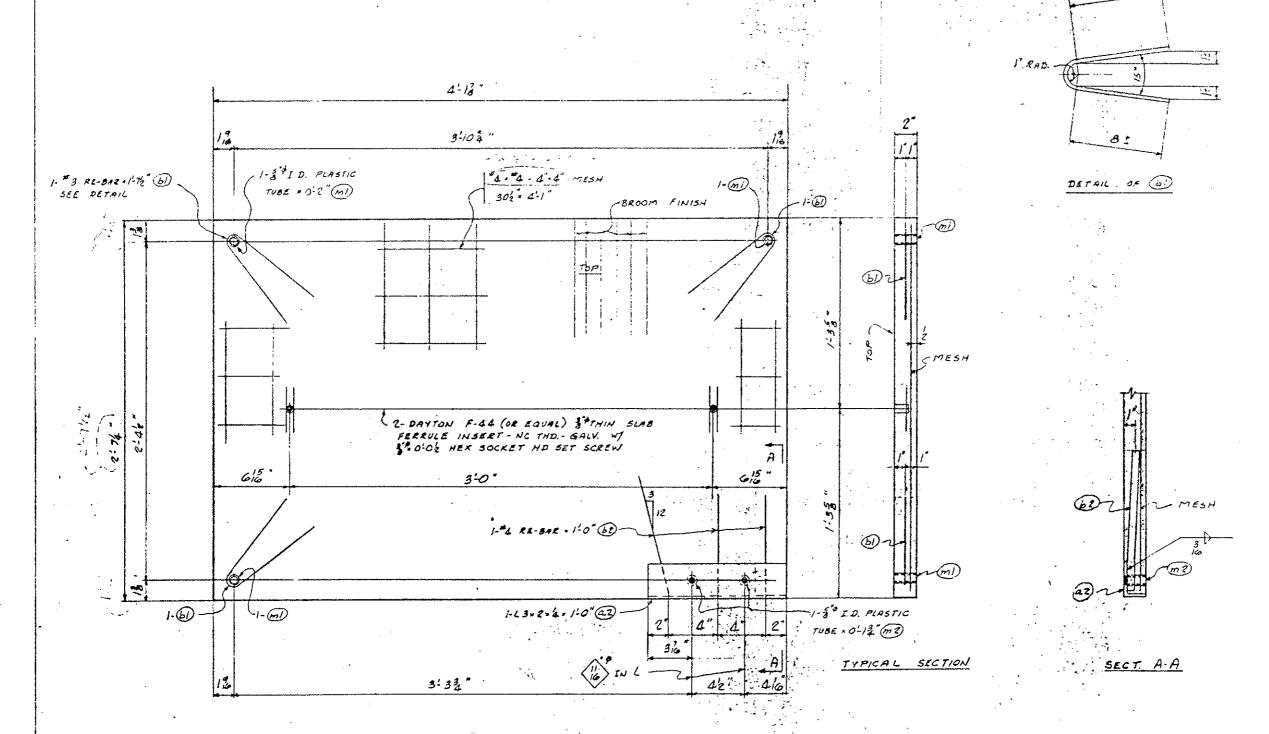
Denver, Colo. 80231 | 1303| 755-1285

Project: Elsenhower Tunnel Interior Finish Work.

2rd Sore-Summit & Clear Creek Counties.
Department of Highways, State of Colerada
Project No.: 2 70-3(83)220

MIN CONCRETE WALKWAY PANELS.

į	Flore Max.		0e-e
	Flore Hea	Nome	Date
ı	Scale-	One on RHG .	Shop a
ŀ	Date 1-19-7	Chocked ily ED	Dwg No. O



175 CONCRETE WALKWAY PANELS - A9

CLASS S CONCRETE - FC=5000 ps;

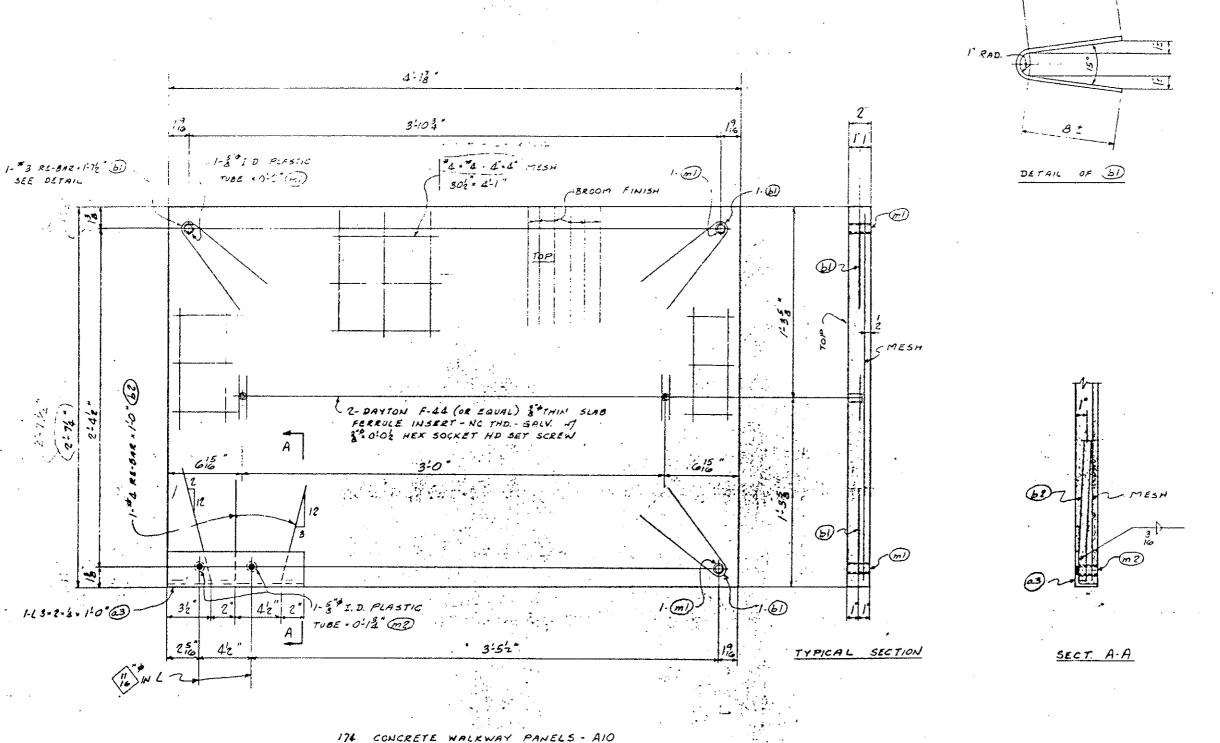
PRESENTATION OF THE PROPERTY O

see District on the second of
Weaver Constituction Co. 2115 So. Valentia Street Denver, Colo. 80231 (303) 755-1285

Project: Eisenhower Tunnel Interior Firleh Work 2rd Bore - Summit & C'ser Creek Counties Department of Highways, State of Colorado Project No.: I 70-3(83)220

FOR THE CONCRETE WALKWAY PANELS

Ave He	itemo	Cease.
Plant HOL	itens	D#4#
3ce+	Drawn By RHG	Shop C
Deter 1-19-7	B Checked By: ED	Dwg. No. 9



CLASS S CONCRETE - F'4=8000 ps;

WAS INTERNAL

Weaver Construction Co. 2115 So. Valentia Street

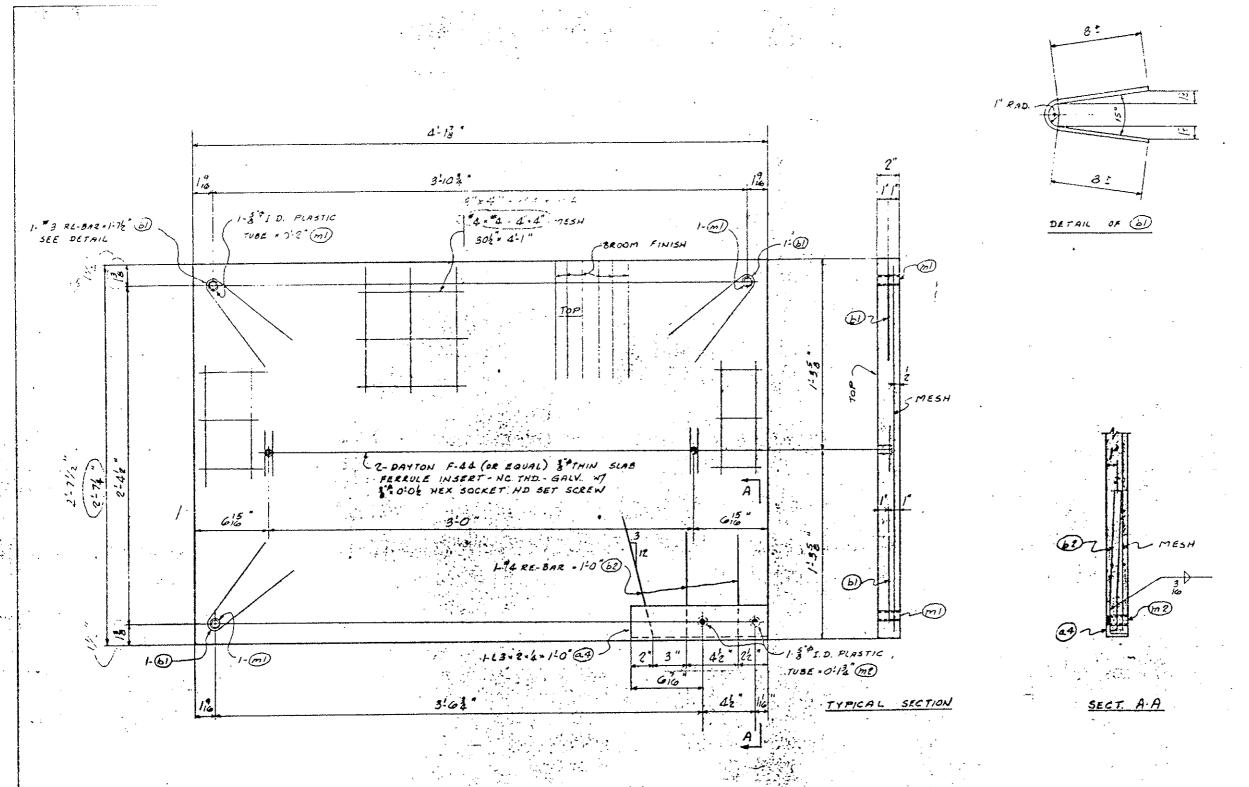
Denver, Colo. 80231 (303) 755-1285

Project: Eisenhower Tunnel Interior Finlah Work 2m Bora-Summit & Clear Creek Counties Department of Highwaya, State of Colorado Project No.: I 70-3(83)220

BOOK THE CONCRETE WALKWAY PANELS

Plant Ro.	23m4	C-play			
Pars Ms.	ilama .	Ores			
foce .	Orean By RHG	2000			
Date 1-19-7	9 Chapted by: ED	Durg No. 10			

in the weather the secretary was security of the second secretary the second second second second second



174 CONCRETE WALKWAY PANELS - All

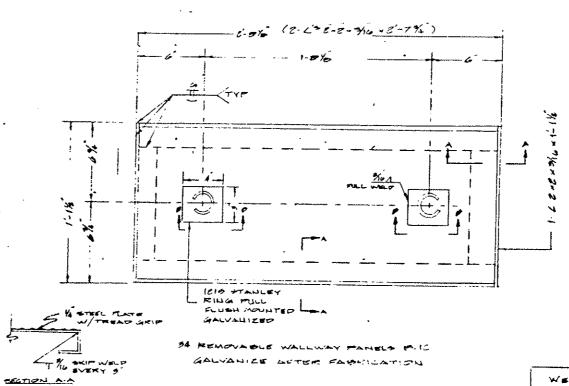
CLASS S CONCRETE - F'C=5000 PEI

Weaver Construction Co. 2115 So. Valentia Street Denver, Colo. 80231 (303) 755-1235

Project: Elsenhower Tunnel Interior Finish Workt 2rd Bore - Summit & Clear Craek Counties Decartment of Highways, State of Colorada Project Ha.: I 7C-3(83)220

BONTH CONCRETE WALKWAY PAMELS

Ron He.	HEAR .		Cote ·
Mars Ma	Trains.		Over .
Books		èνο	
Belly 1 - 19-7	9 Checked By ED	0=1	. No. // .



The wars

SECTION 8-8

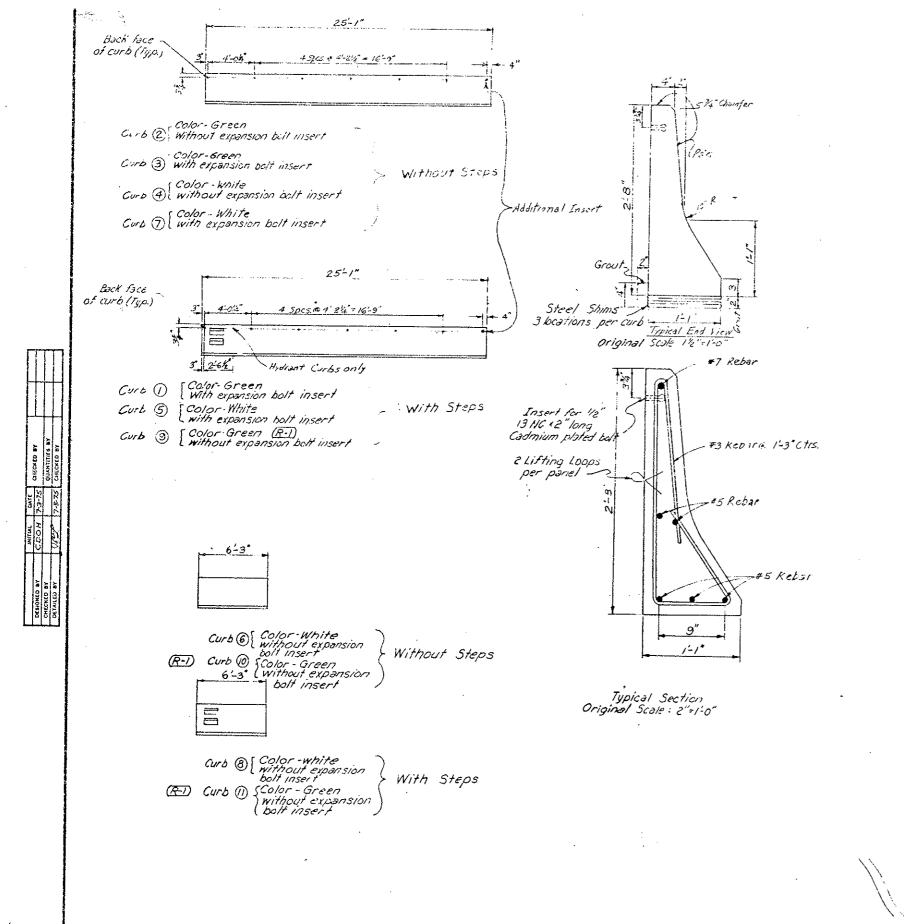
WEAVER CONSTRUCTION CO SIID SO VALENTIA STREET PENVER COLORADO BOCSI

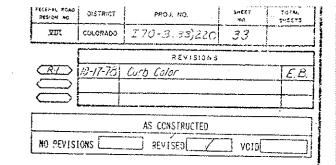
PREJECT: EIFENHOWER TUNNEL
INTERIOR DINISH WORK I'F DORE
SUMMIT & CLEAR CREEK COUNTIES
170-3(05) 220

プリタダア アリアしょまけ

CONCRETE WALKWAY PANELS

	Kax1	DIEH.			
}¹	FLAT.	-110	DIM.	Ī	5.9
DATE S-EE.	79	IAH	₽ ₹	úэ.	16



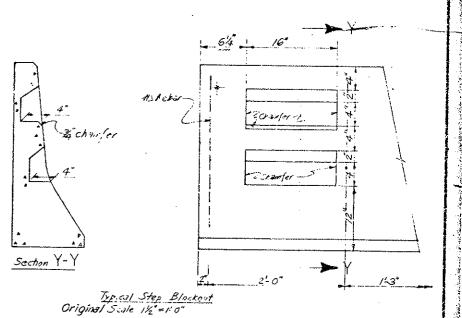


GENERAL MOTES

GRADE 60 REINFORCING STEEL IS REQUIRED FOR #5 BARS AND LARGER. GRADE 40 MAY BE USED FOR BARS SMALLER THAN #5.

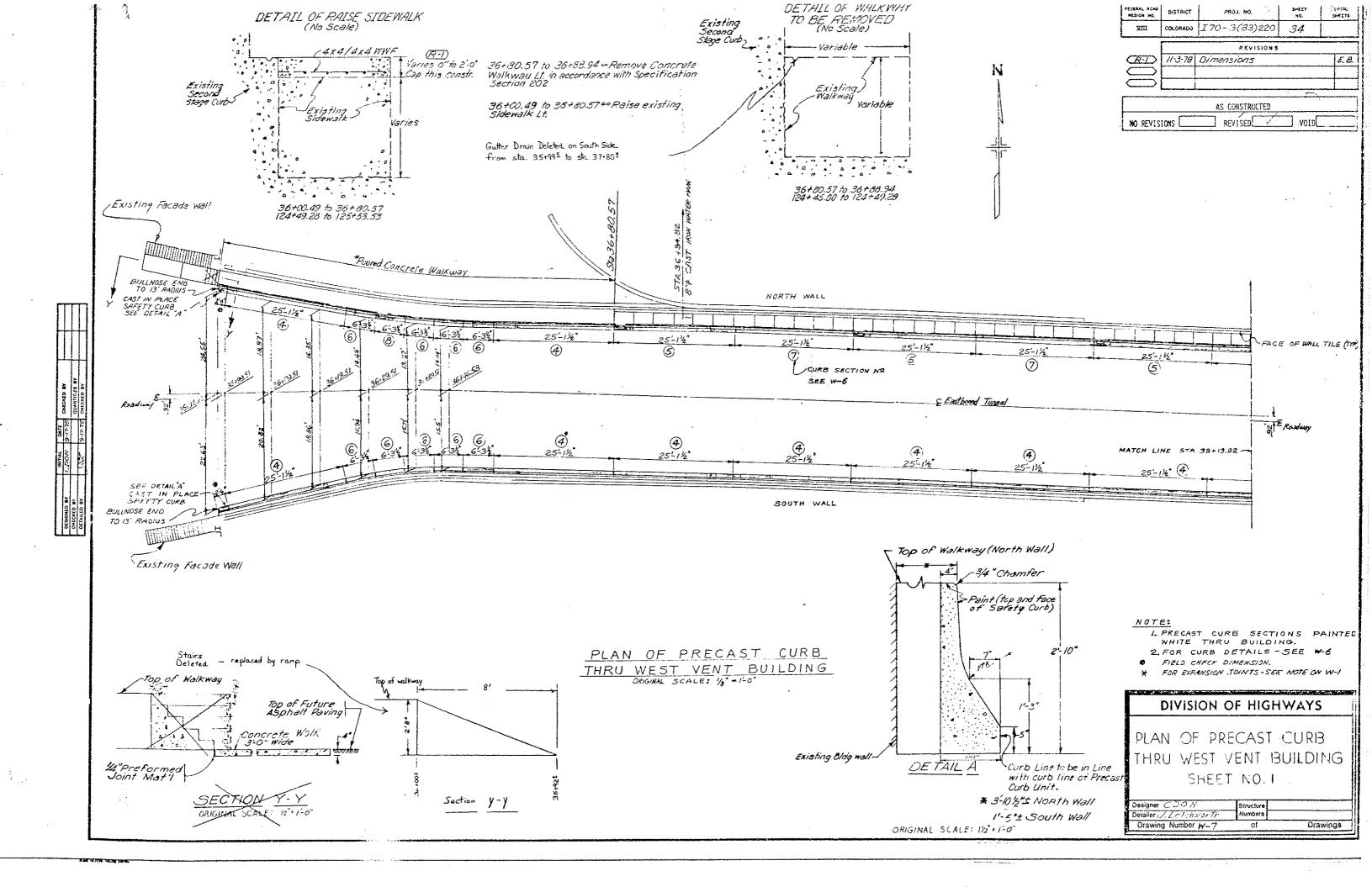
THE FOLLOWING TABLE GIVES THE MINIMUM CAP SPLICE LENGTH FOR REINFORCING BARS:

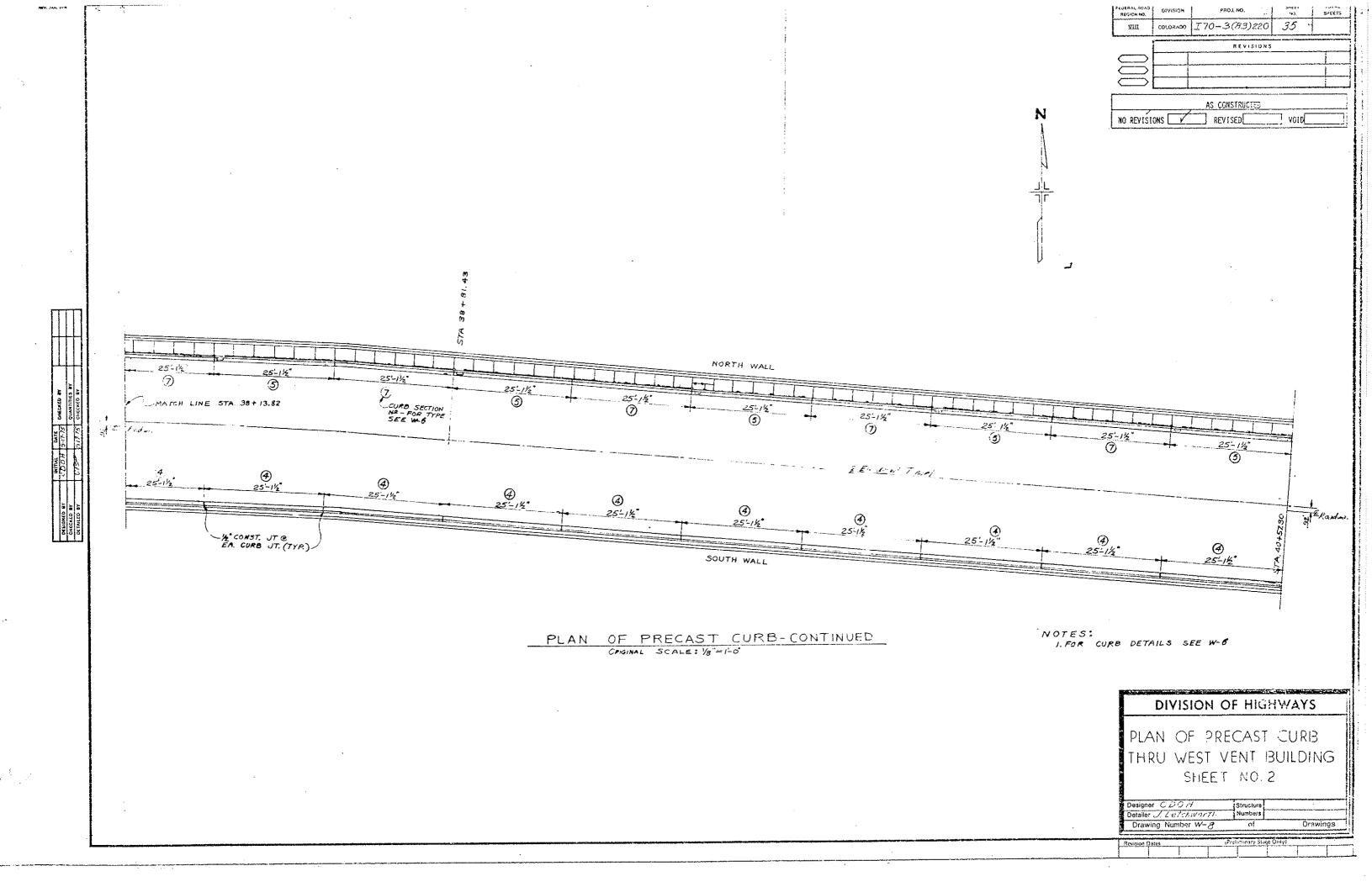
	BAR SIZE	13	14	15	16	17	18	ĺ
ĺ	SPLICE LENGTH	1'-0"	1'-2"	3'-3"	1'-8"	2'-3"	3'-0"	

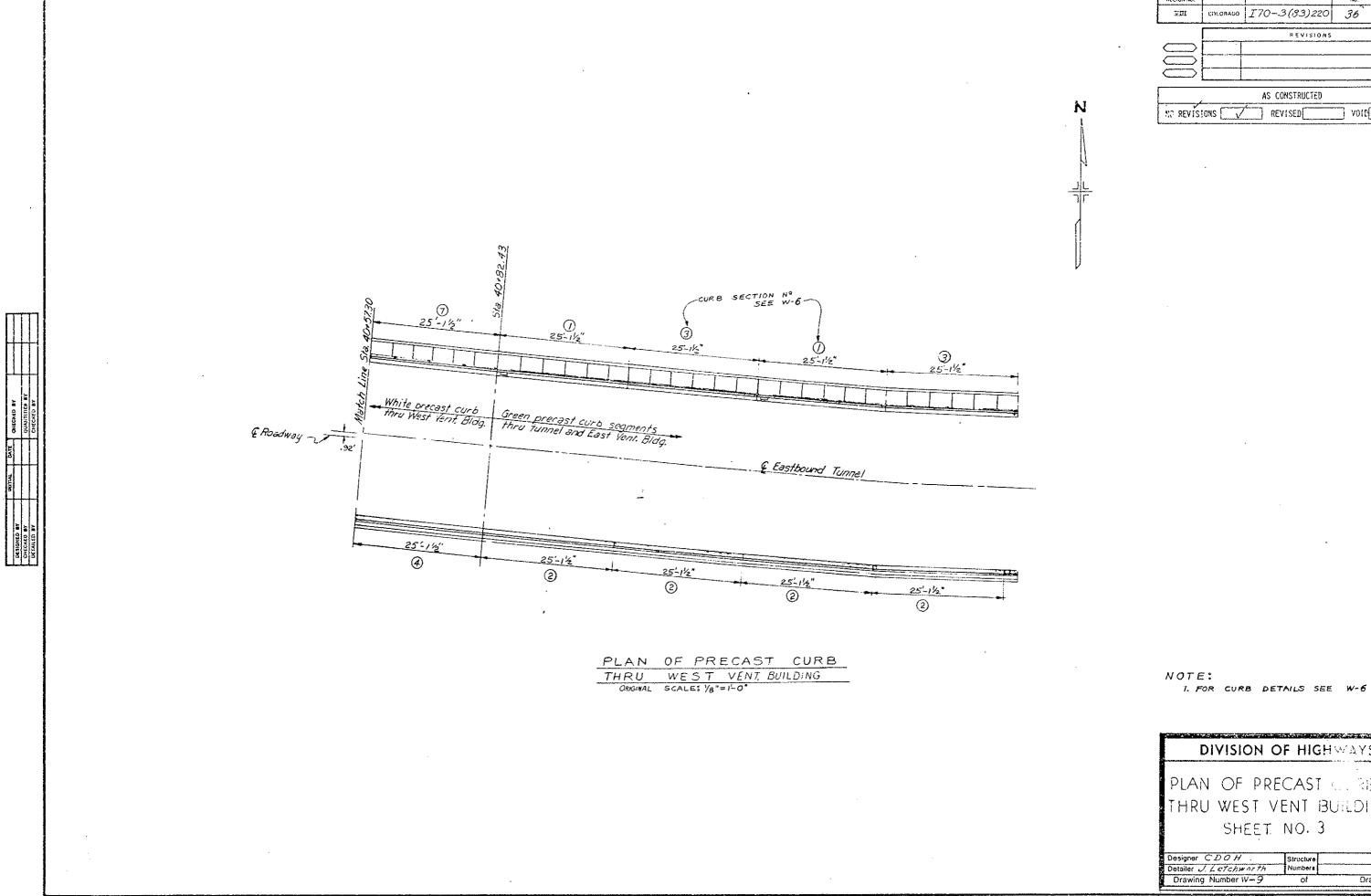




Ocsigner こひつH	Structure	
Detailer of Entrace in	Numbers	
Drawing Number W-6	اد	Drawings



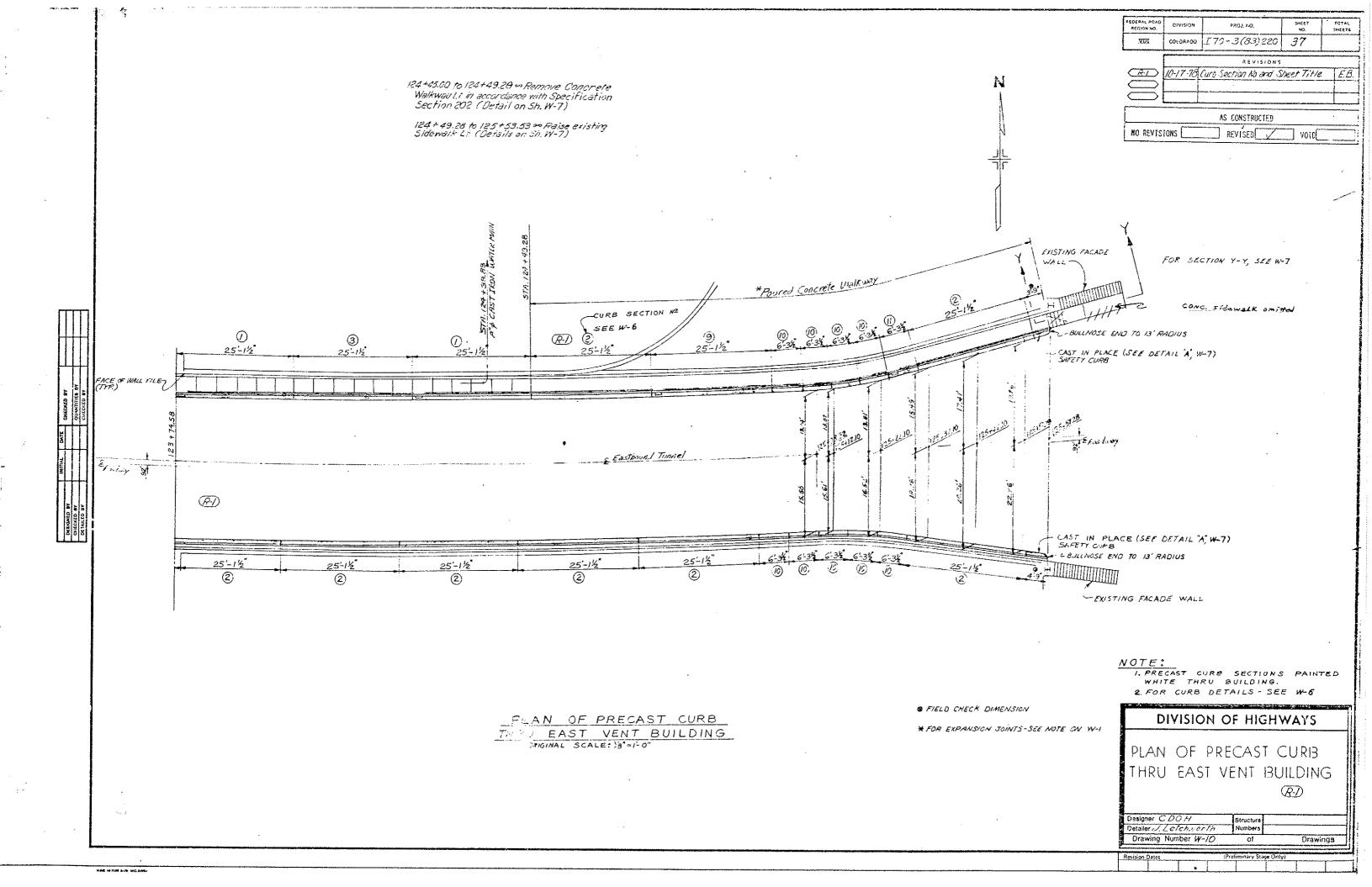


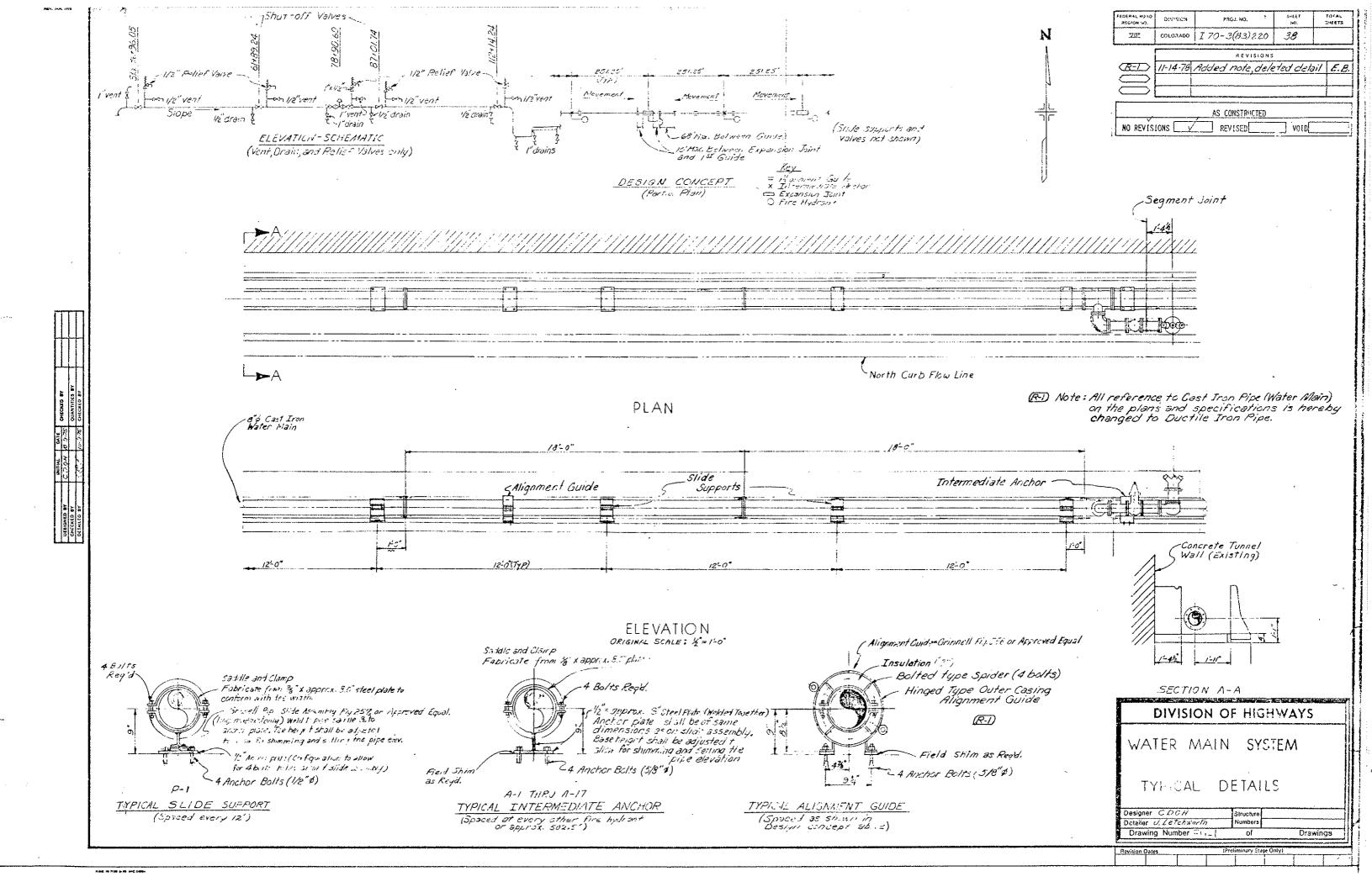


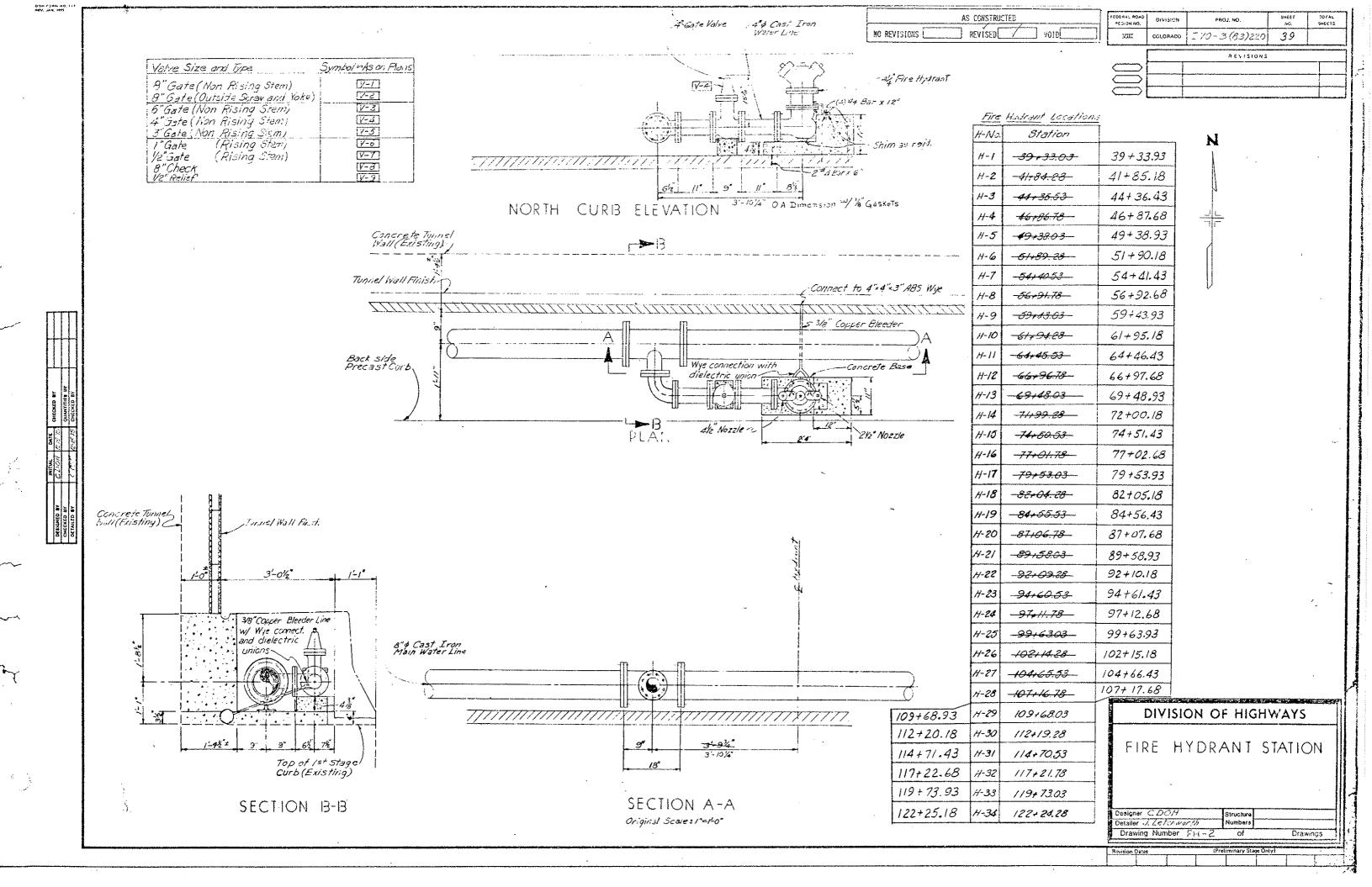
PEDERAL ROAD BECION NO.	DIVISION	PROJ. NO.	SHERT NO.	TOTA SHEE
Z'DI	COLORAGO	I70-3(83)220	36	
		HEVISIONS		
\subseteq				
()				
		AS CONSTRUCTED		

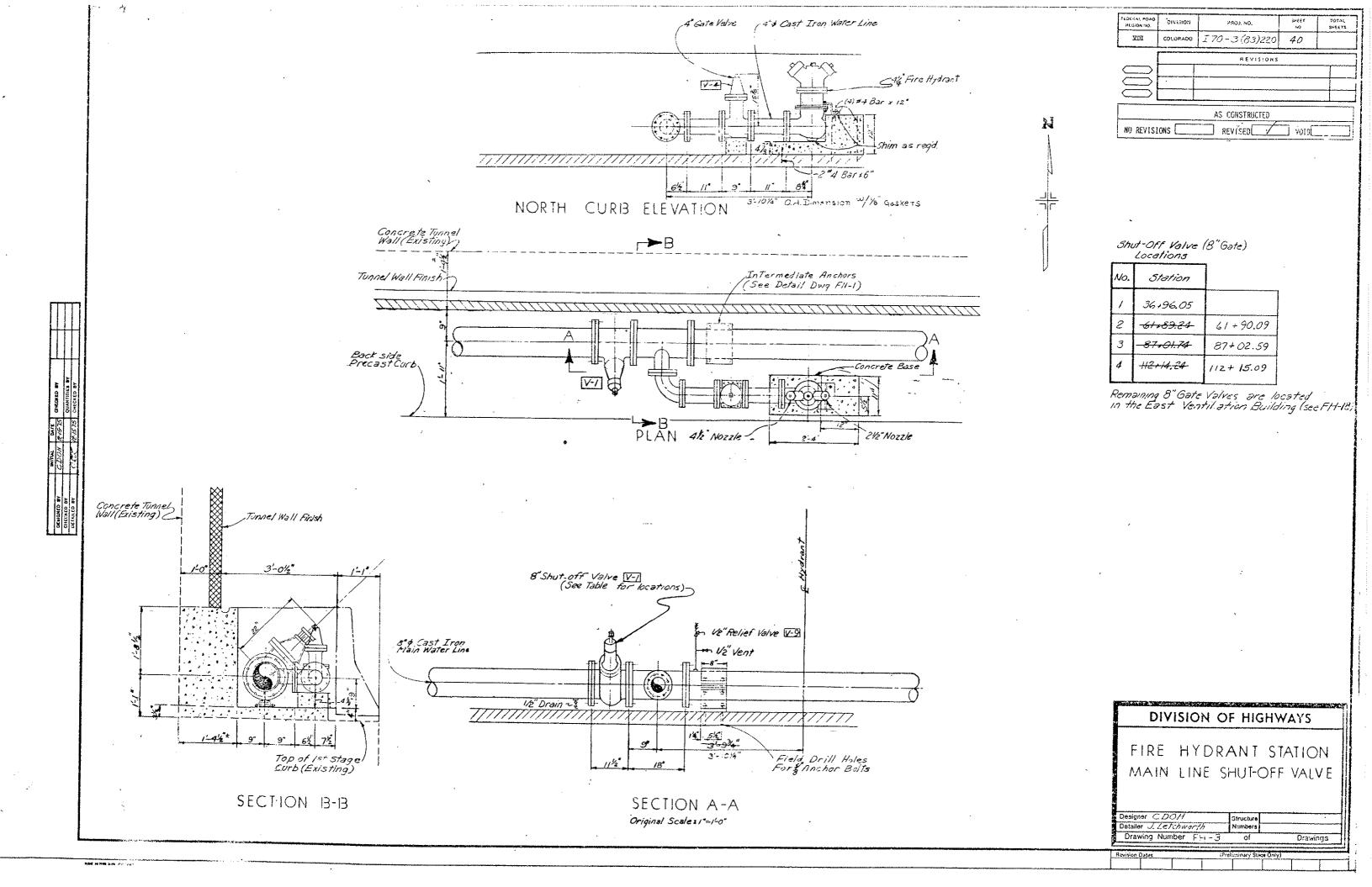
DIVISION OF HIGHWAYS PLAN OF PRECAST C. RB THRU WEST VENT BUILDING SHEET NO. 3

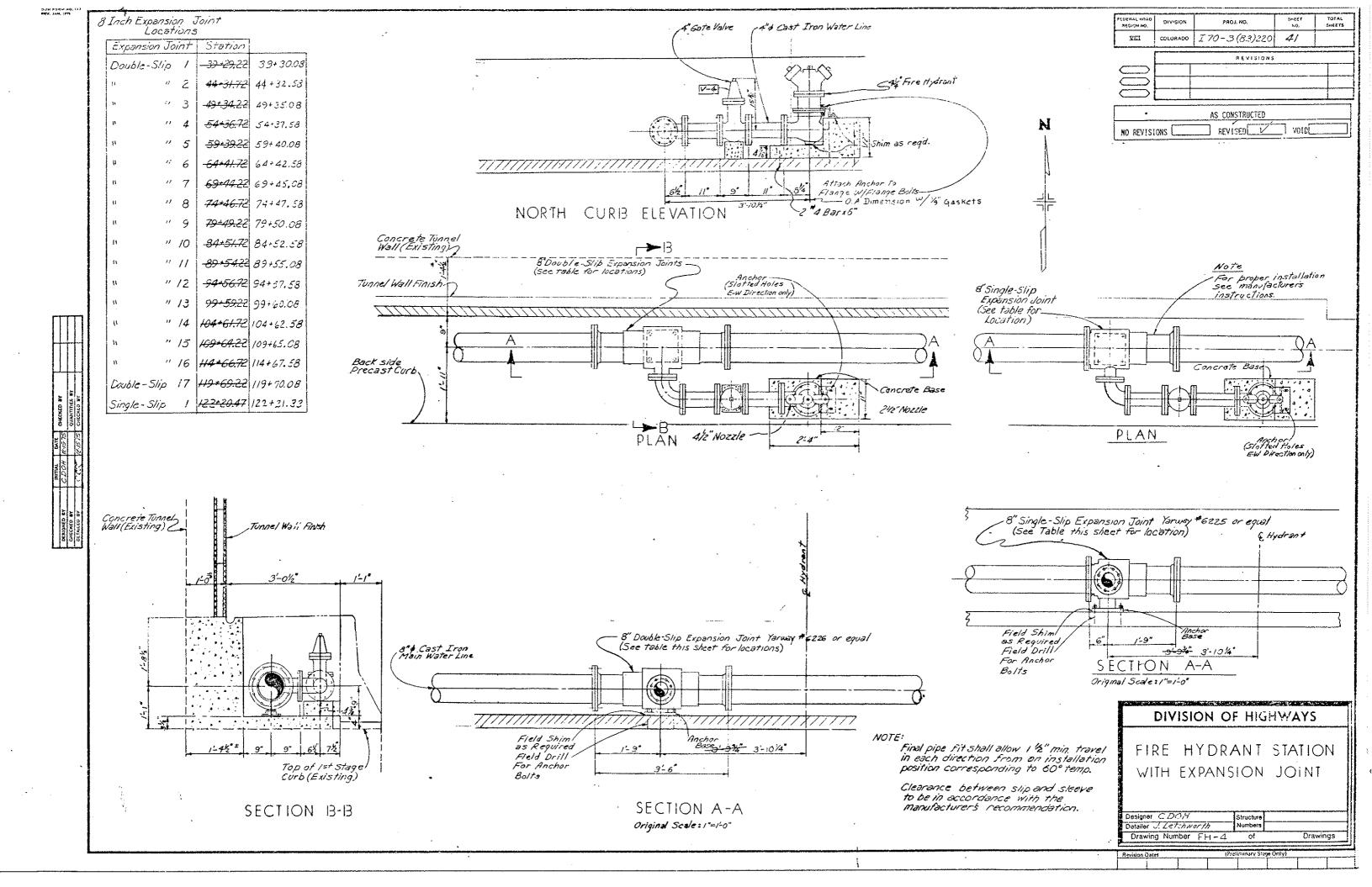
Drawings

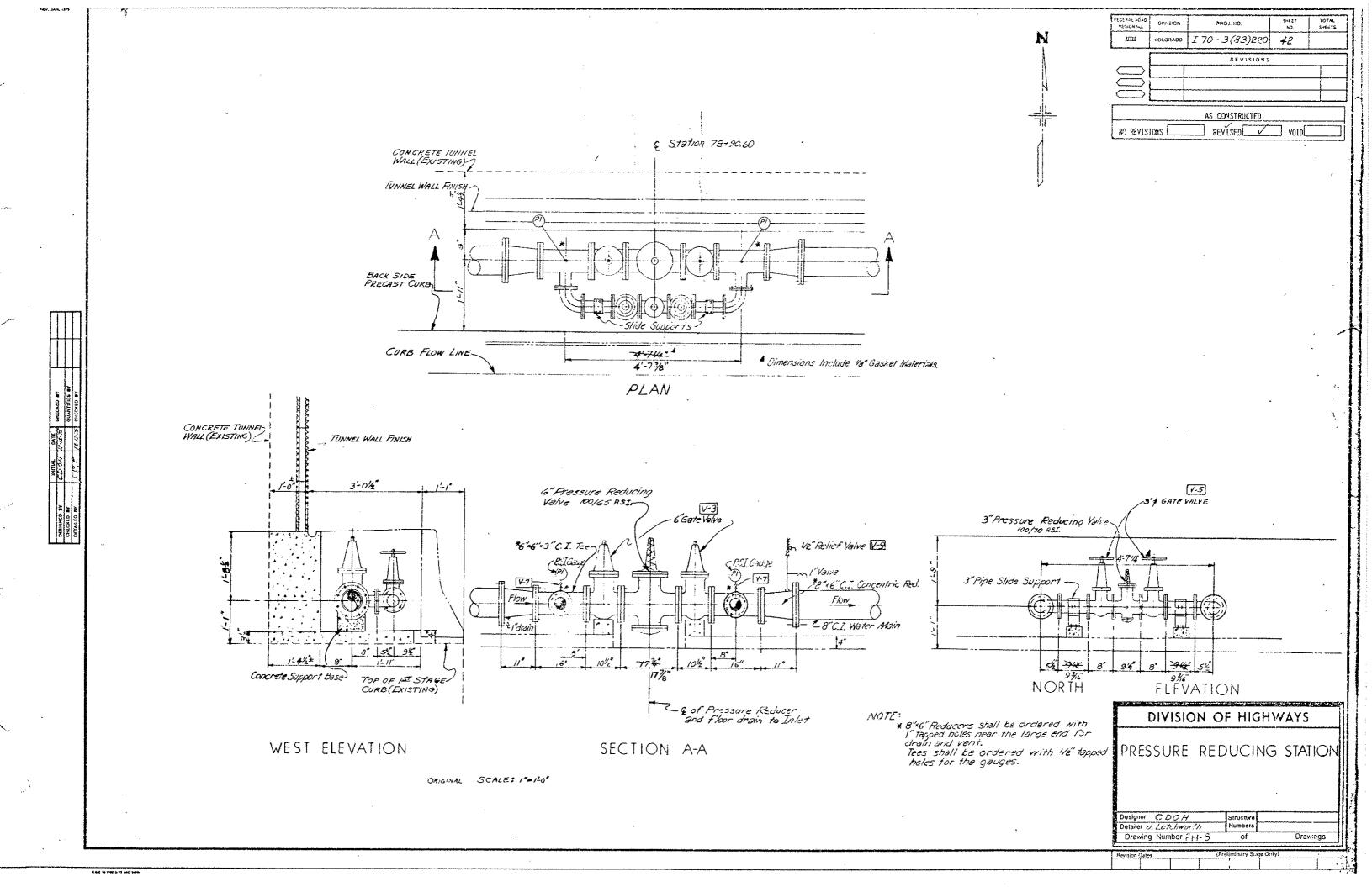


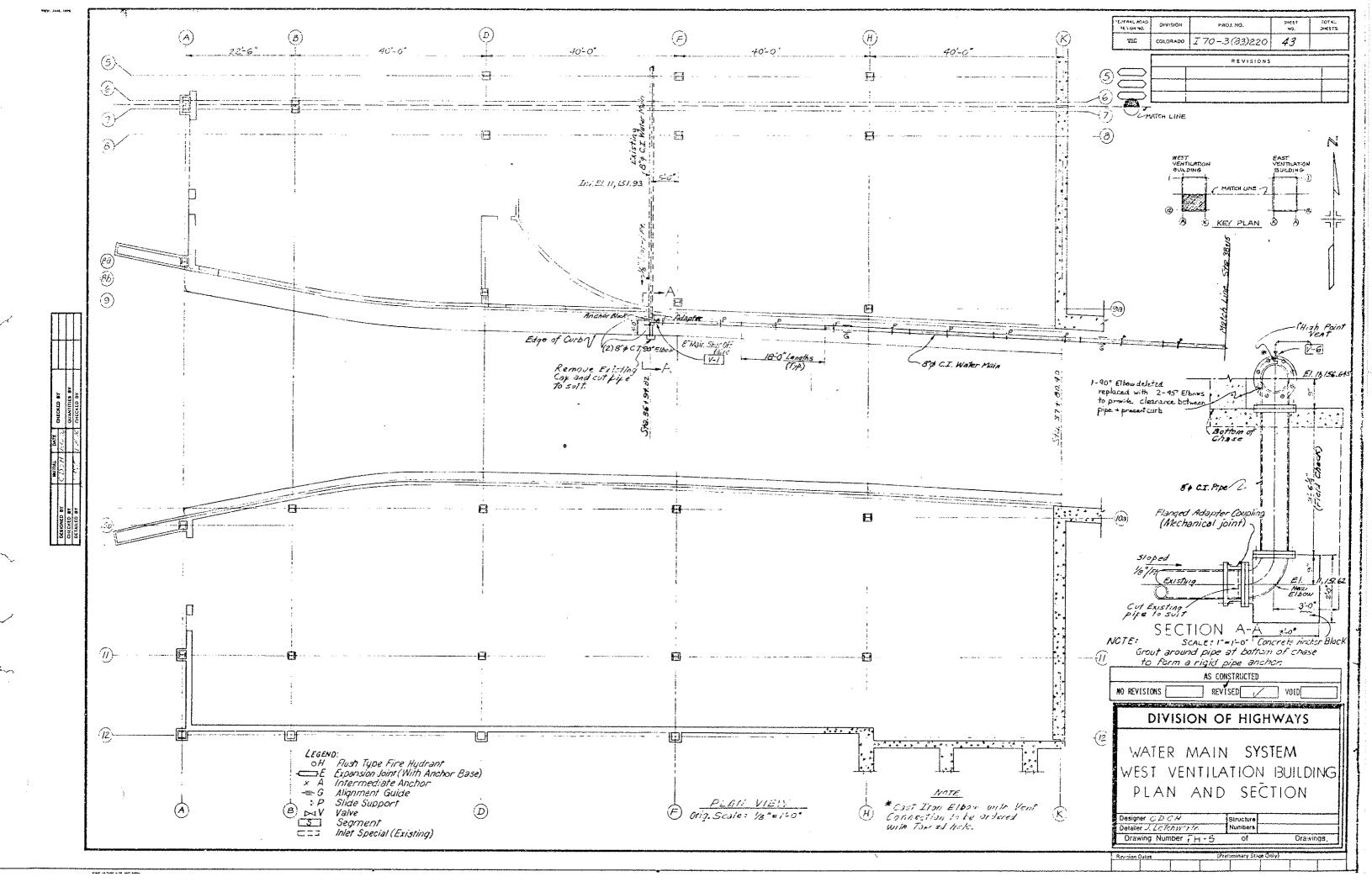


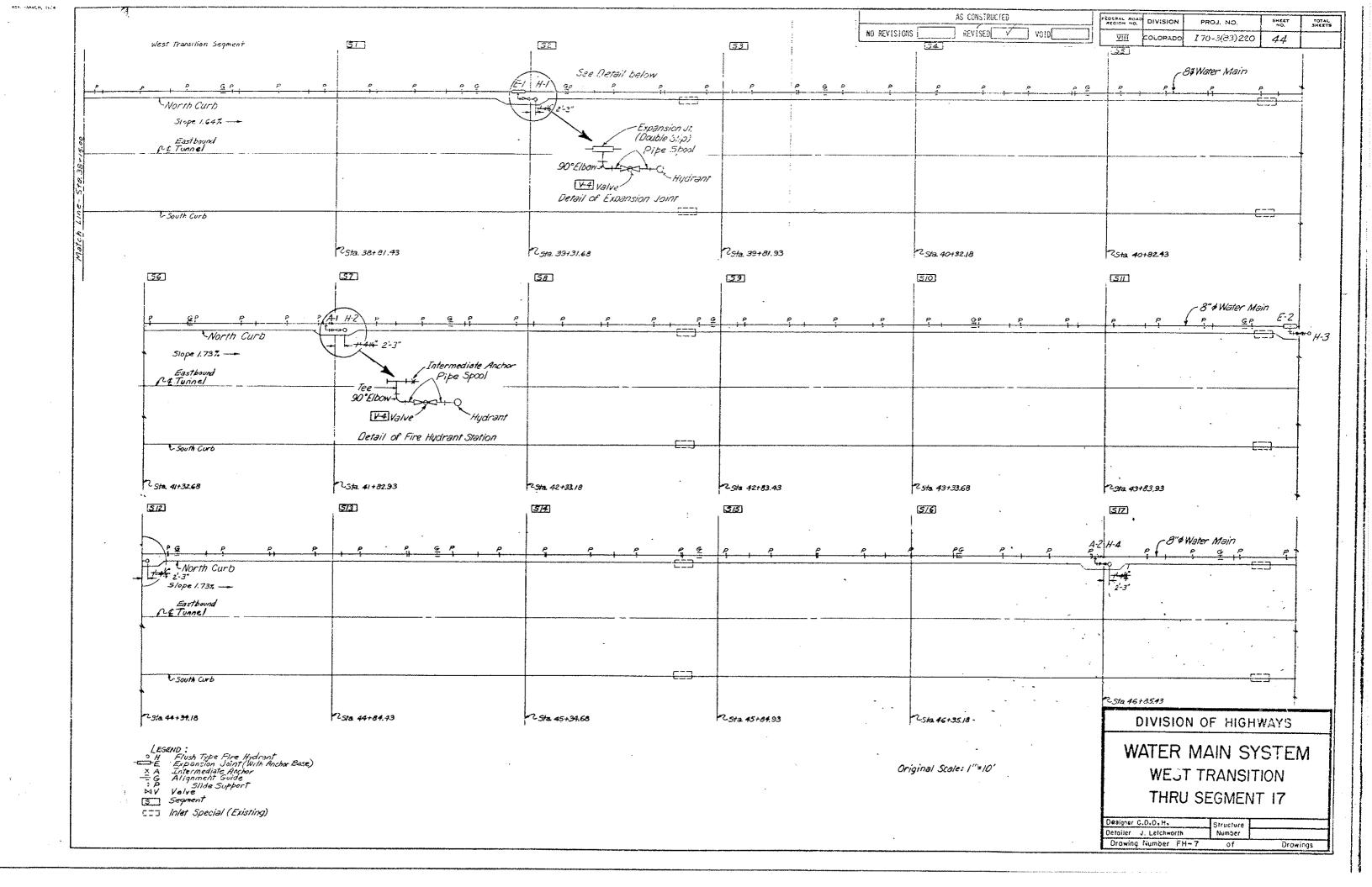


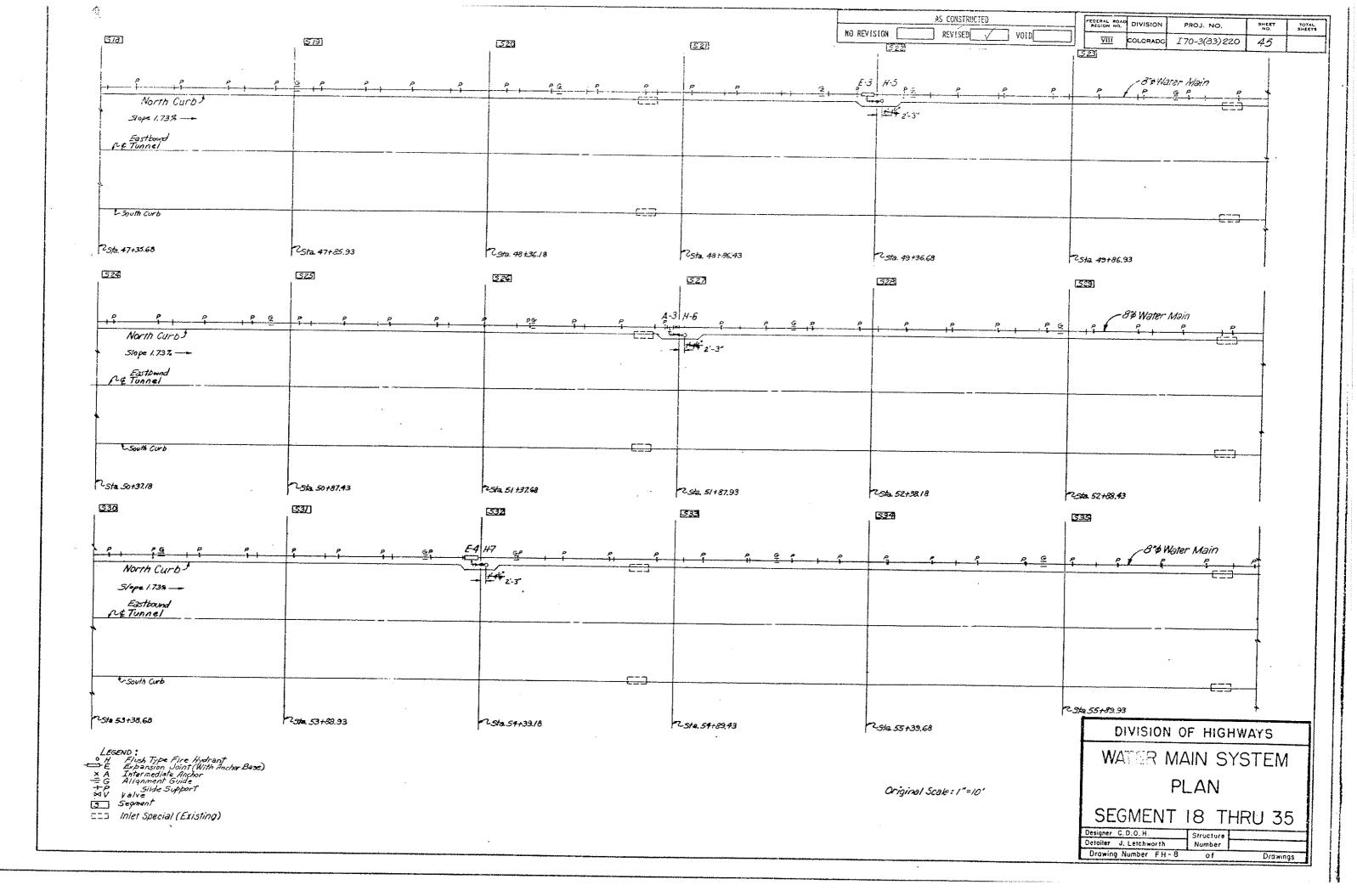


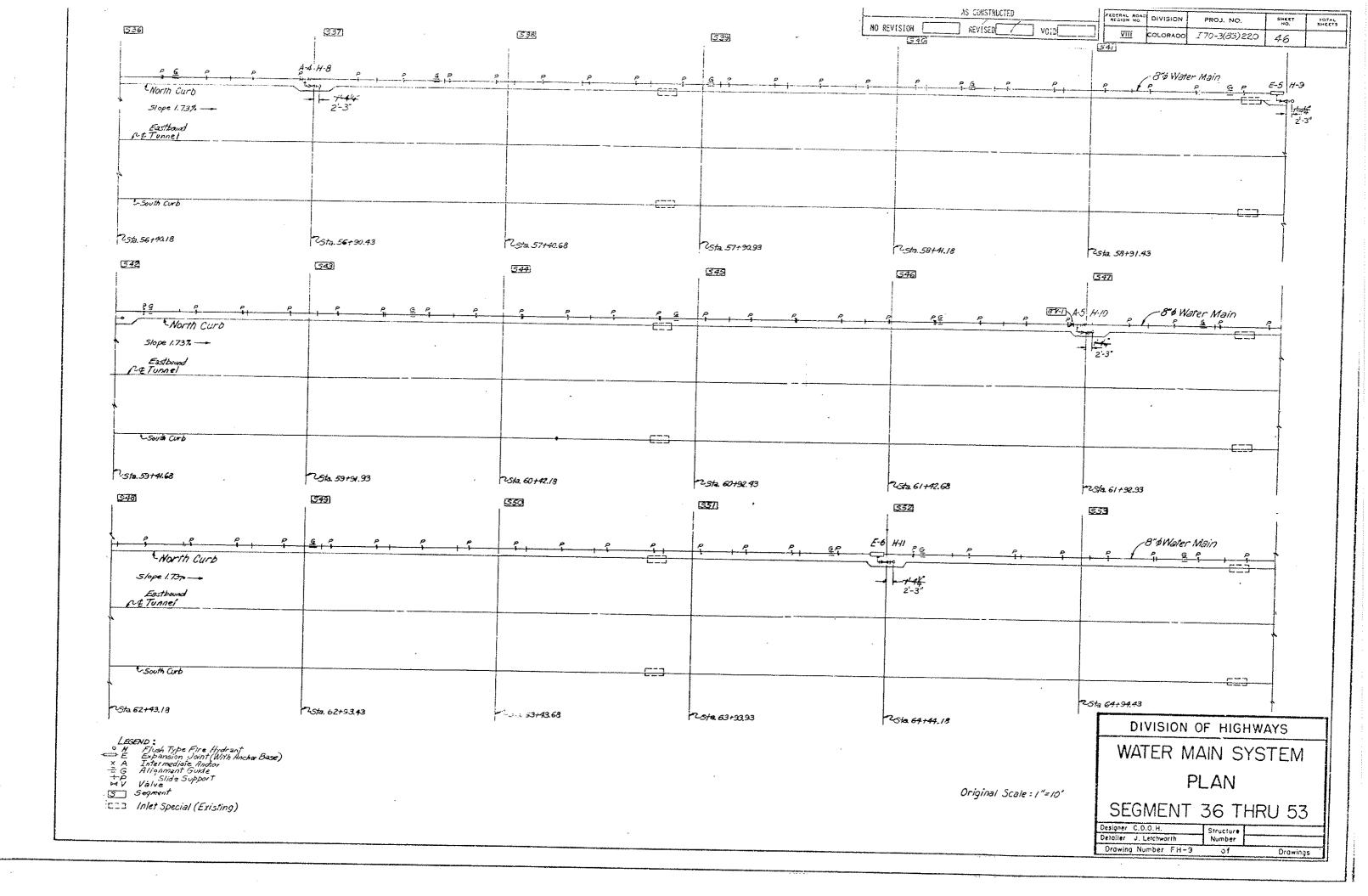


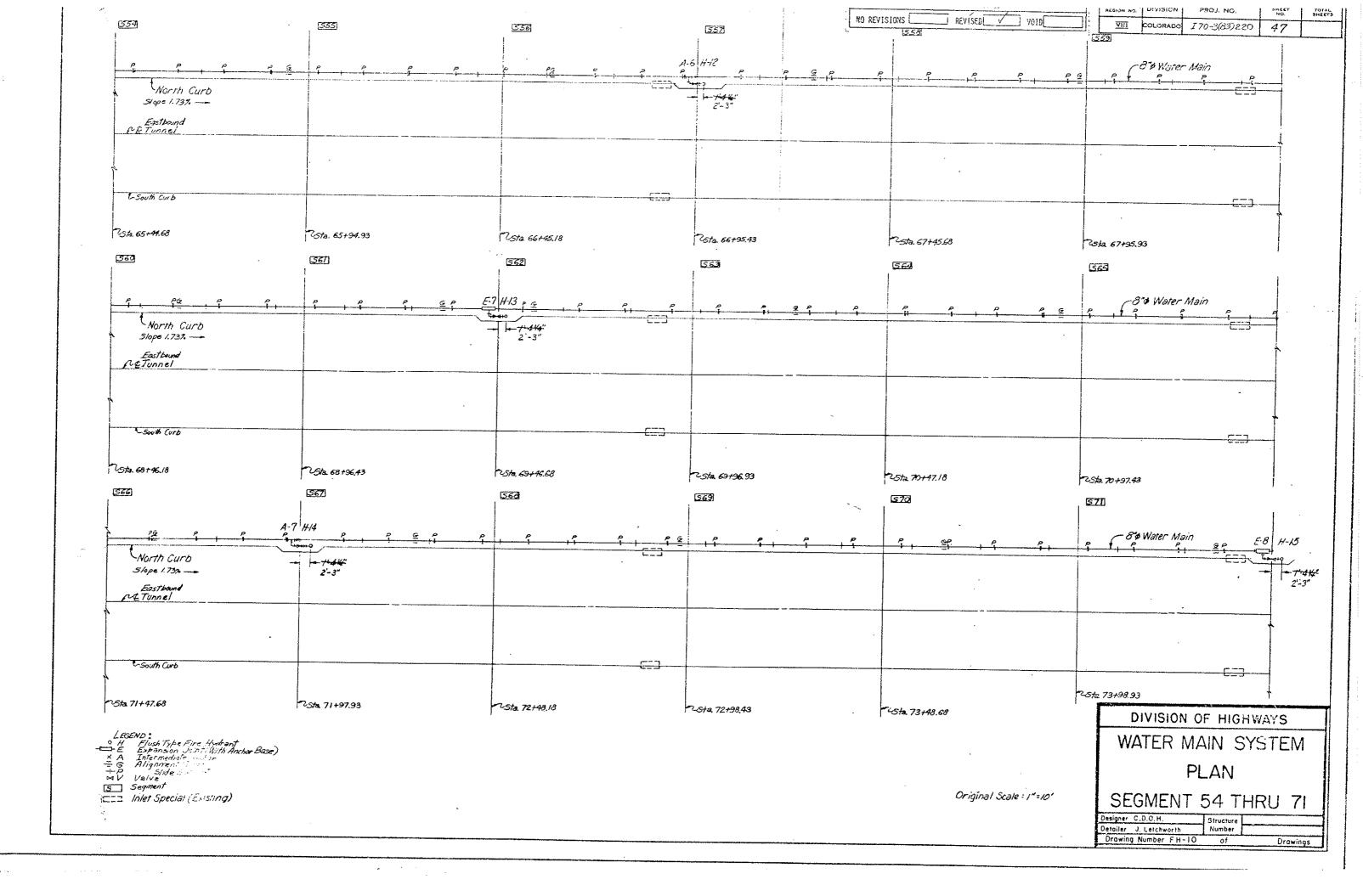


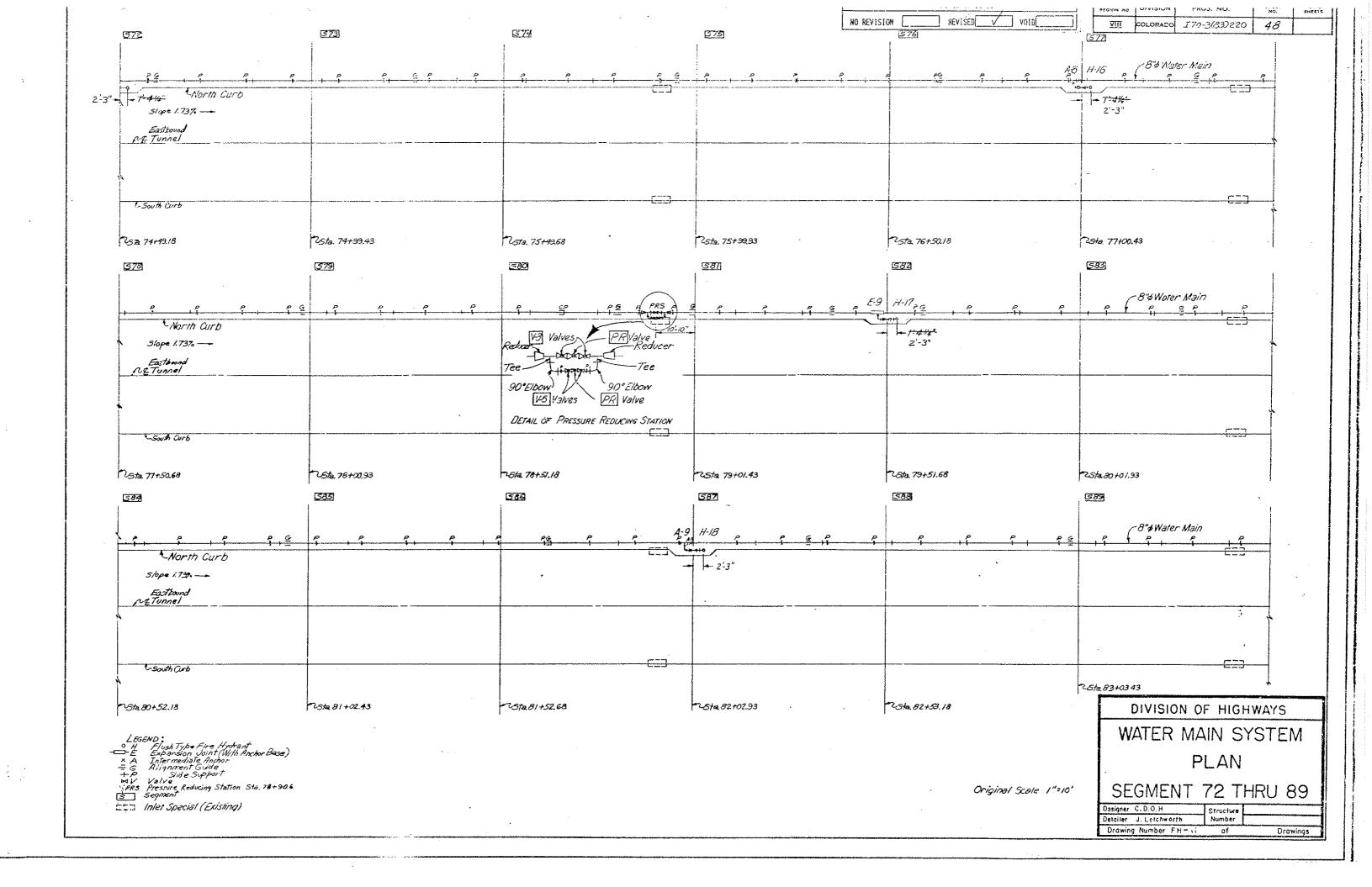


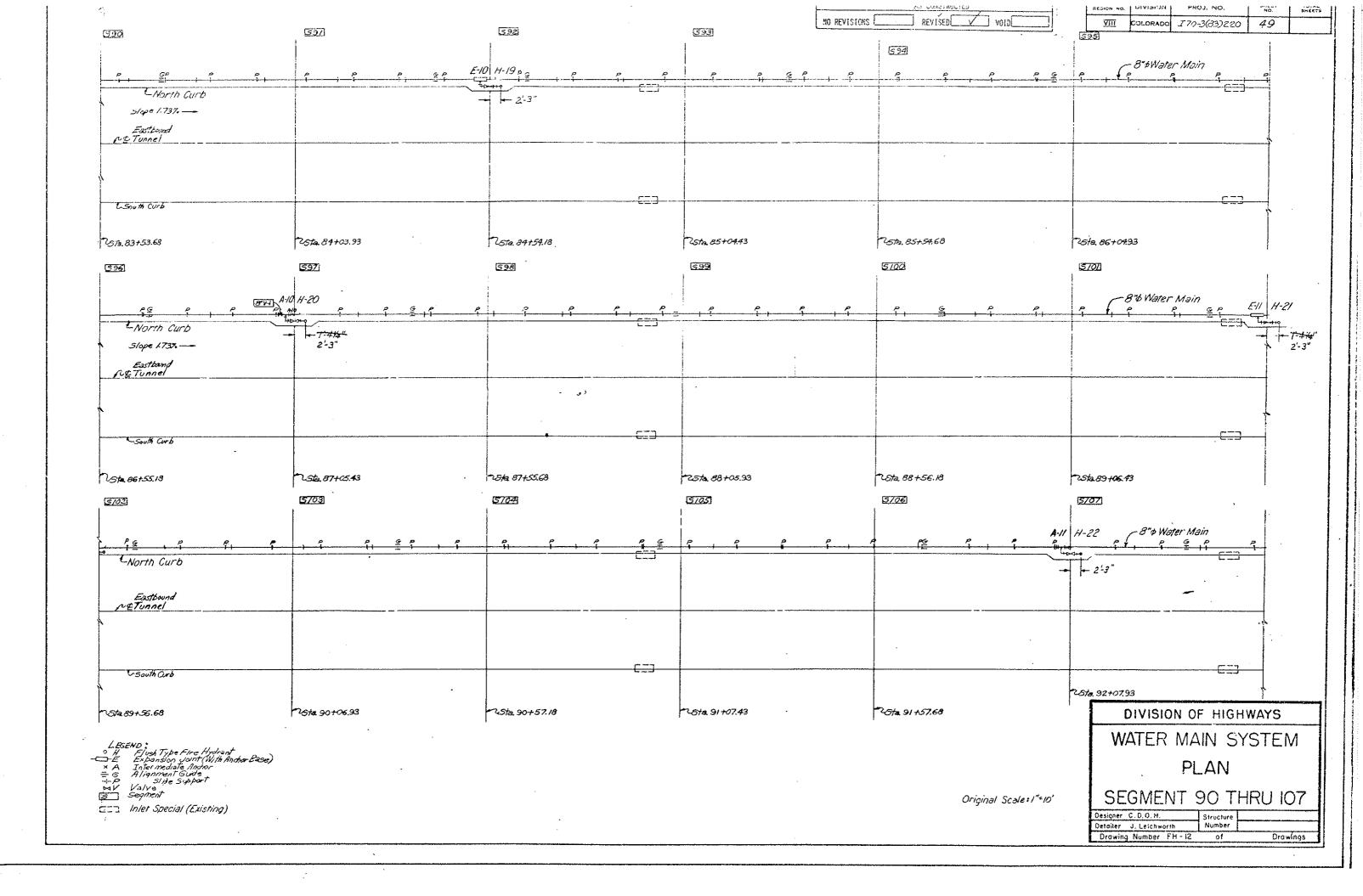


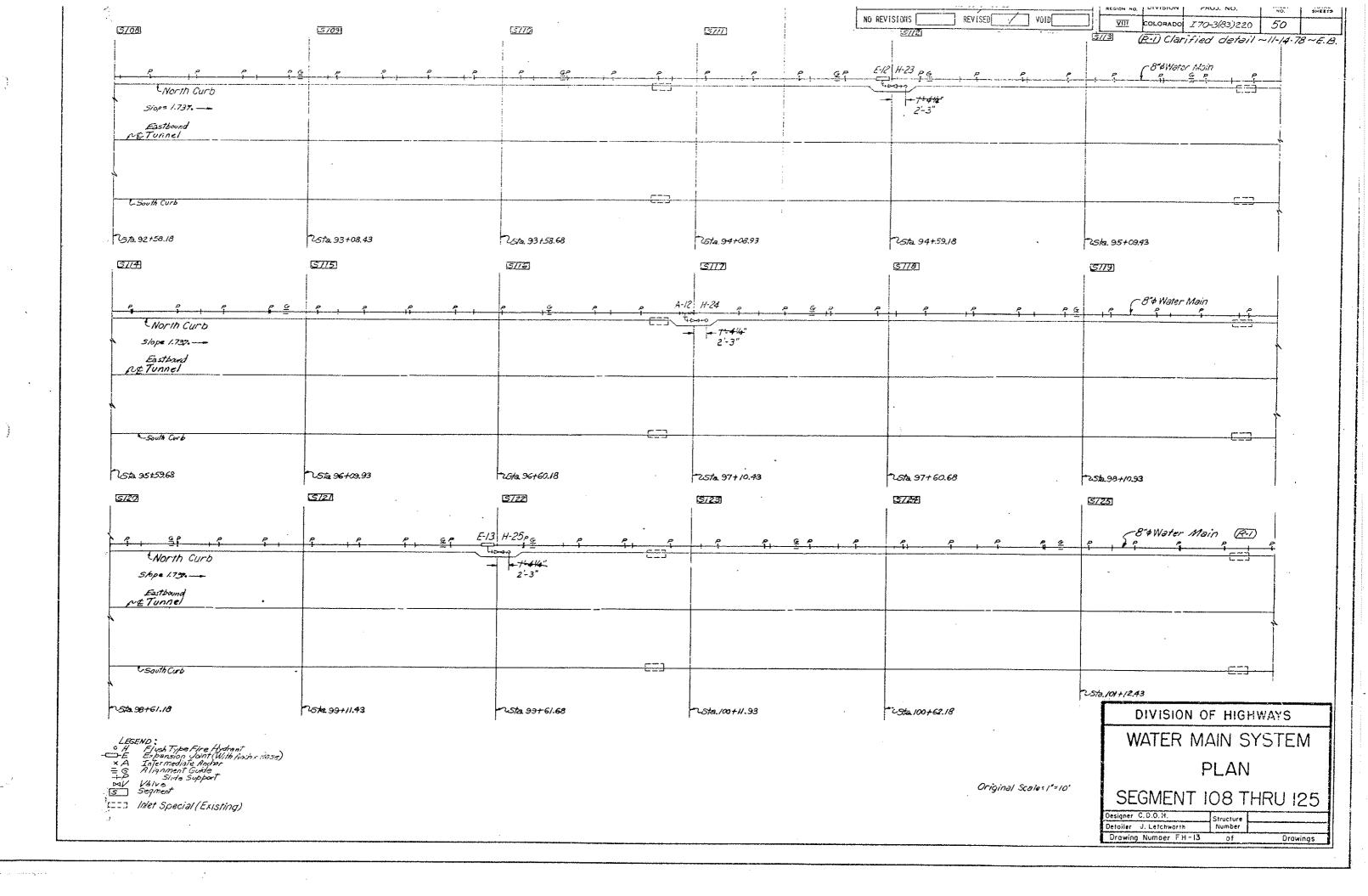


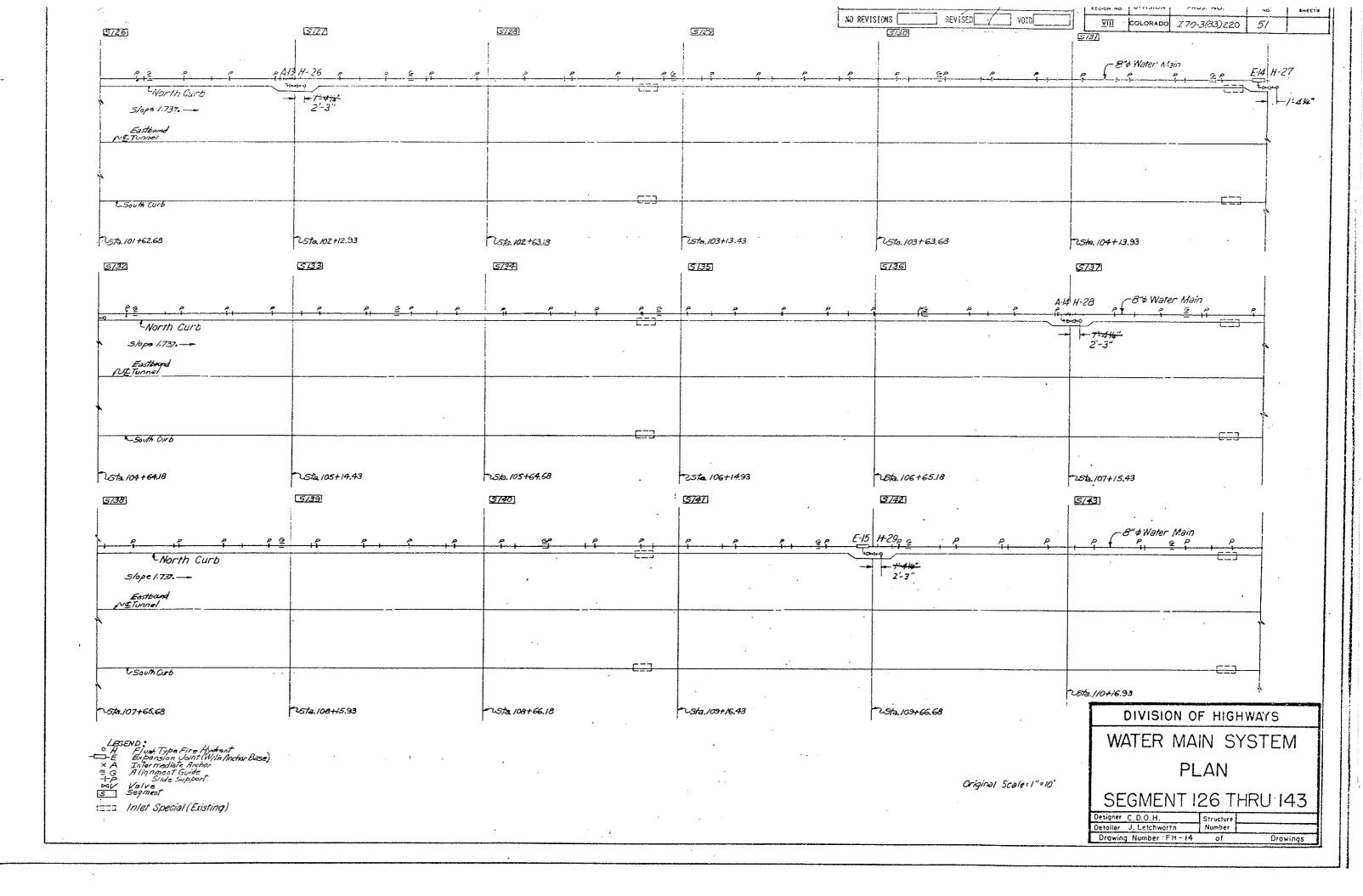


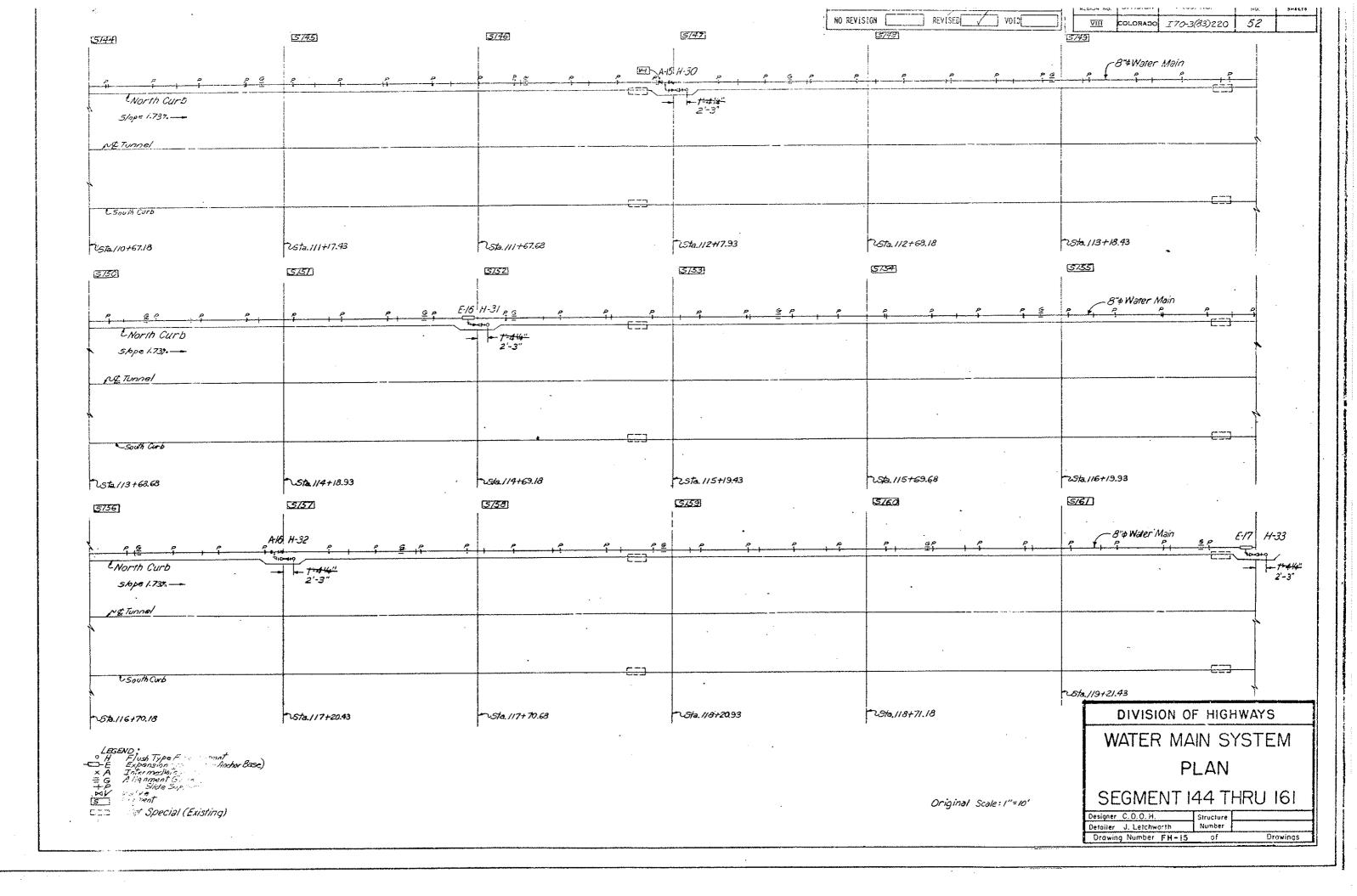


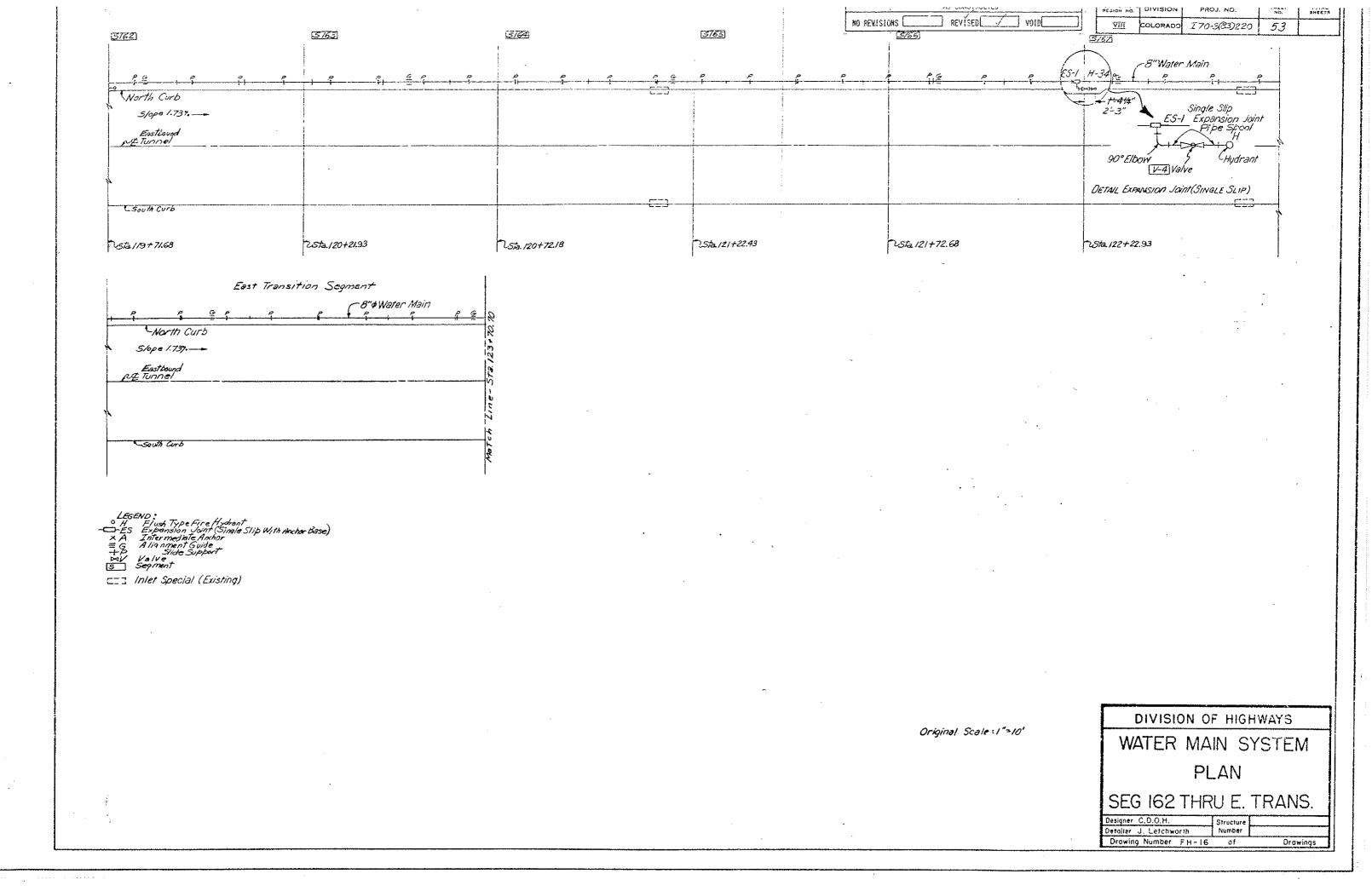


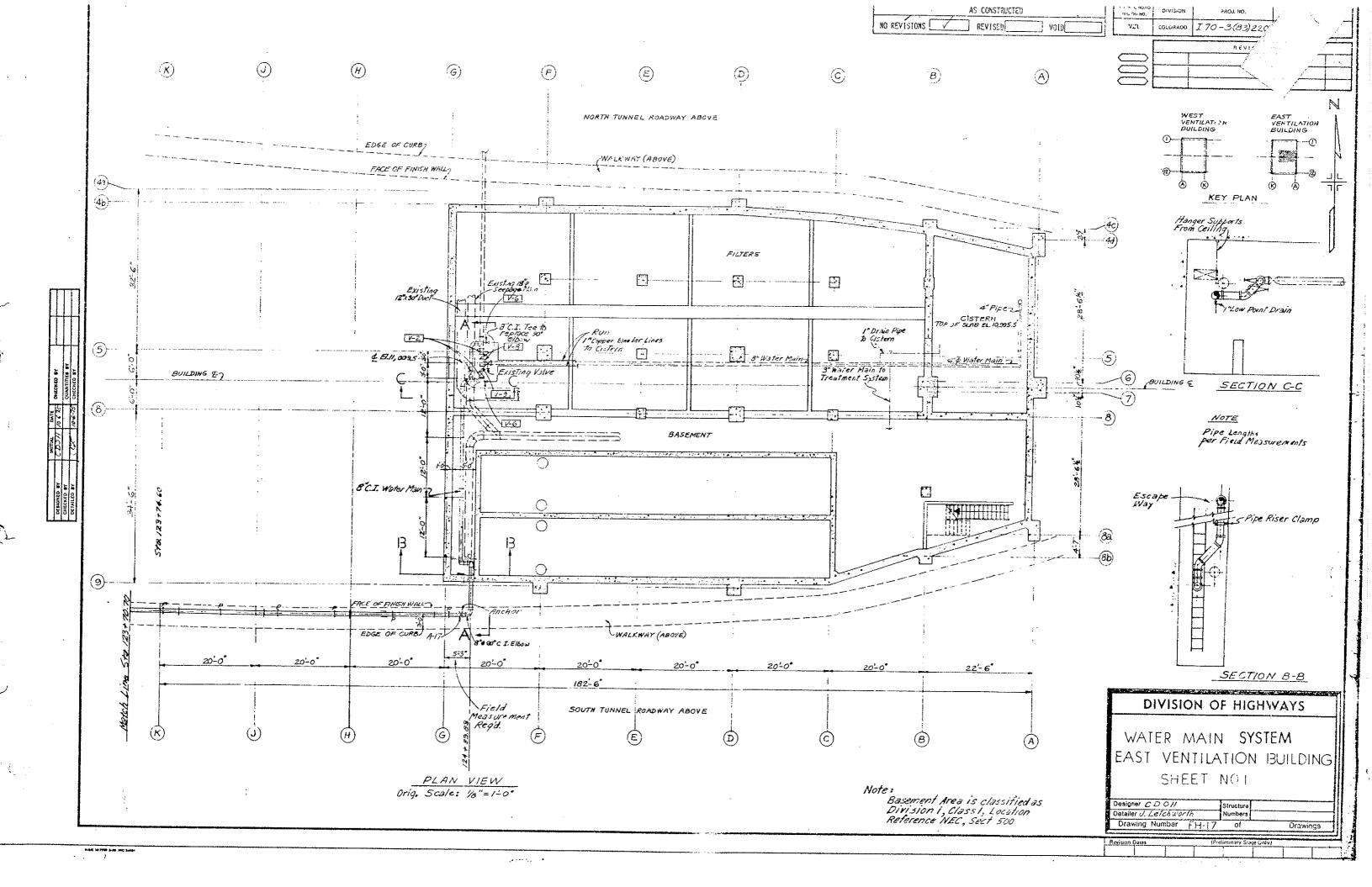


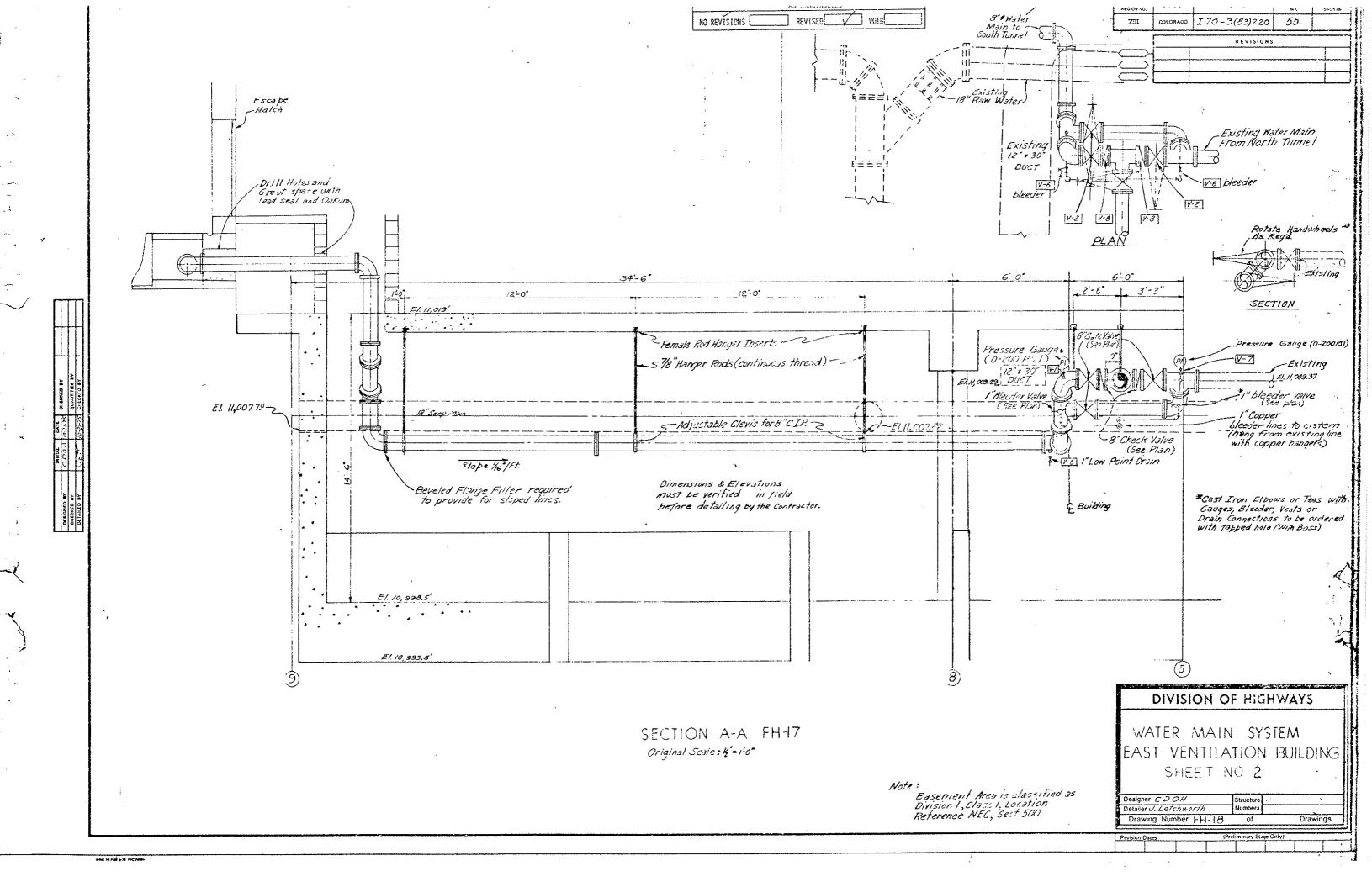


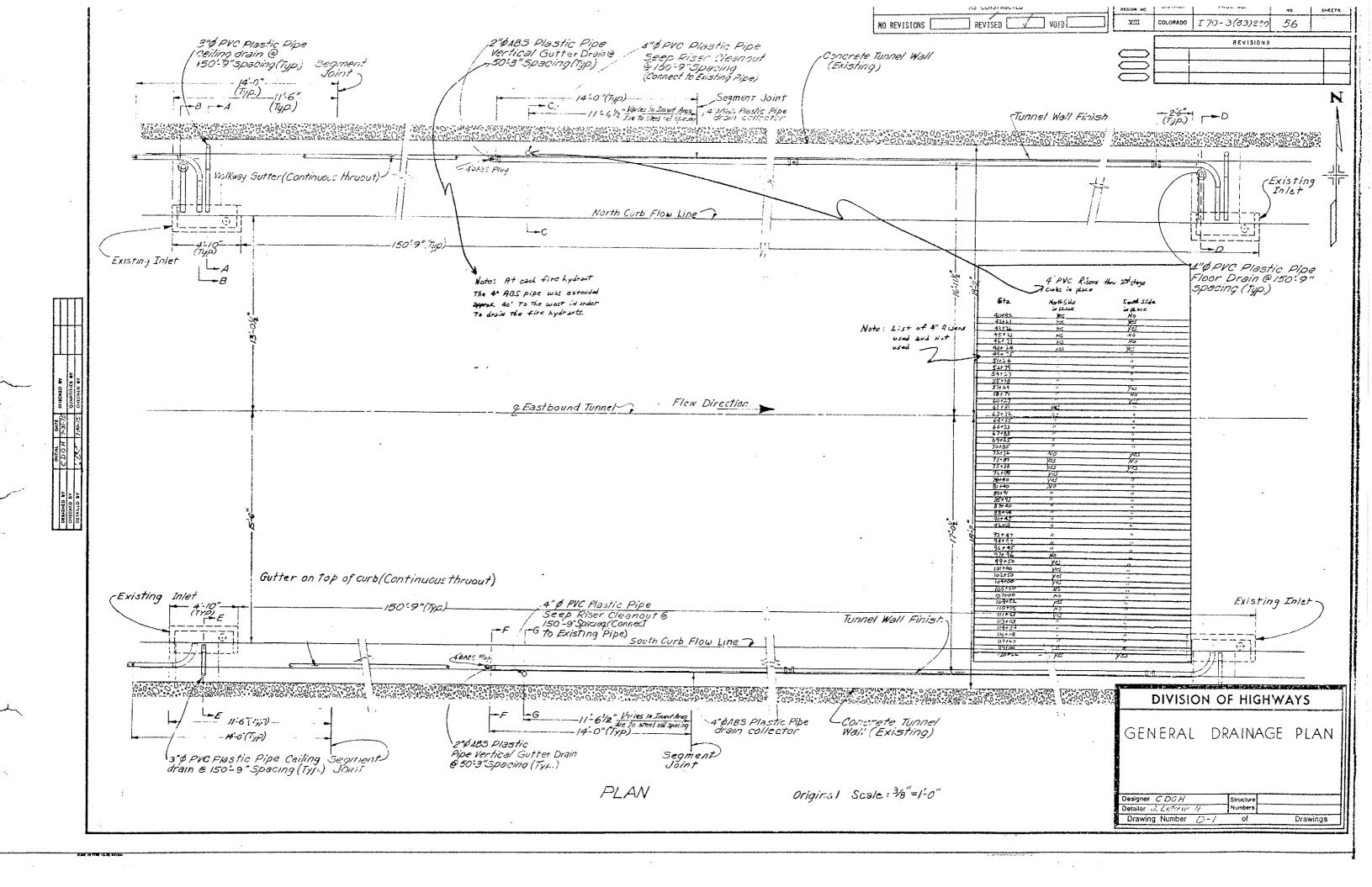


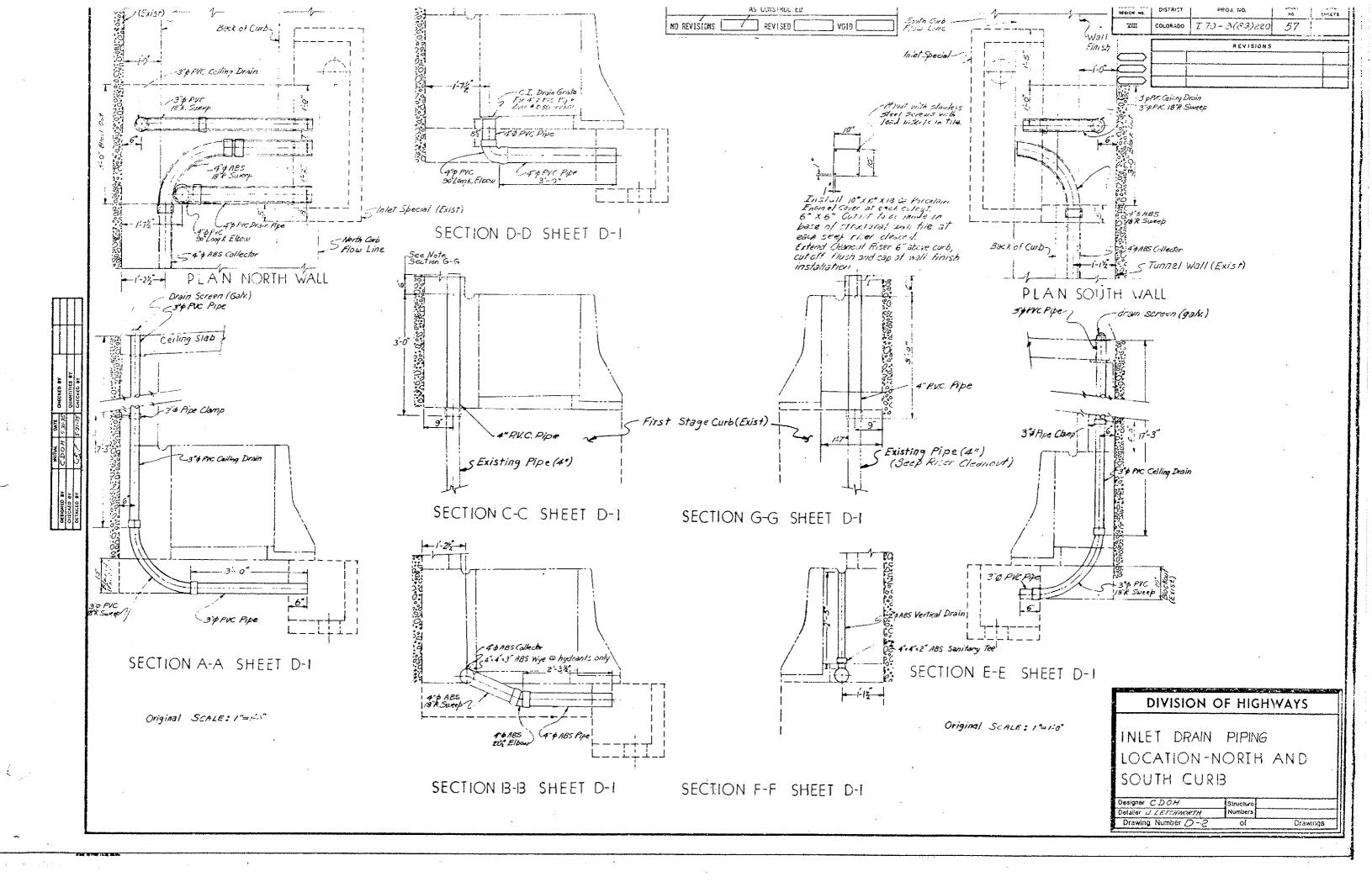


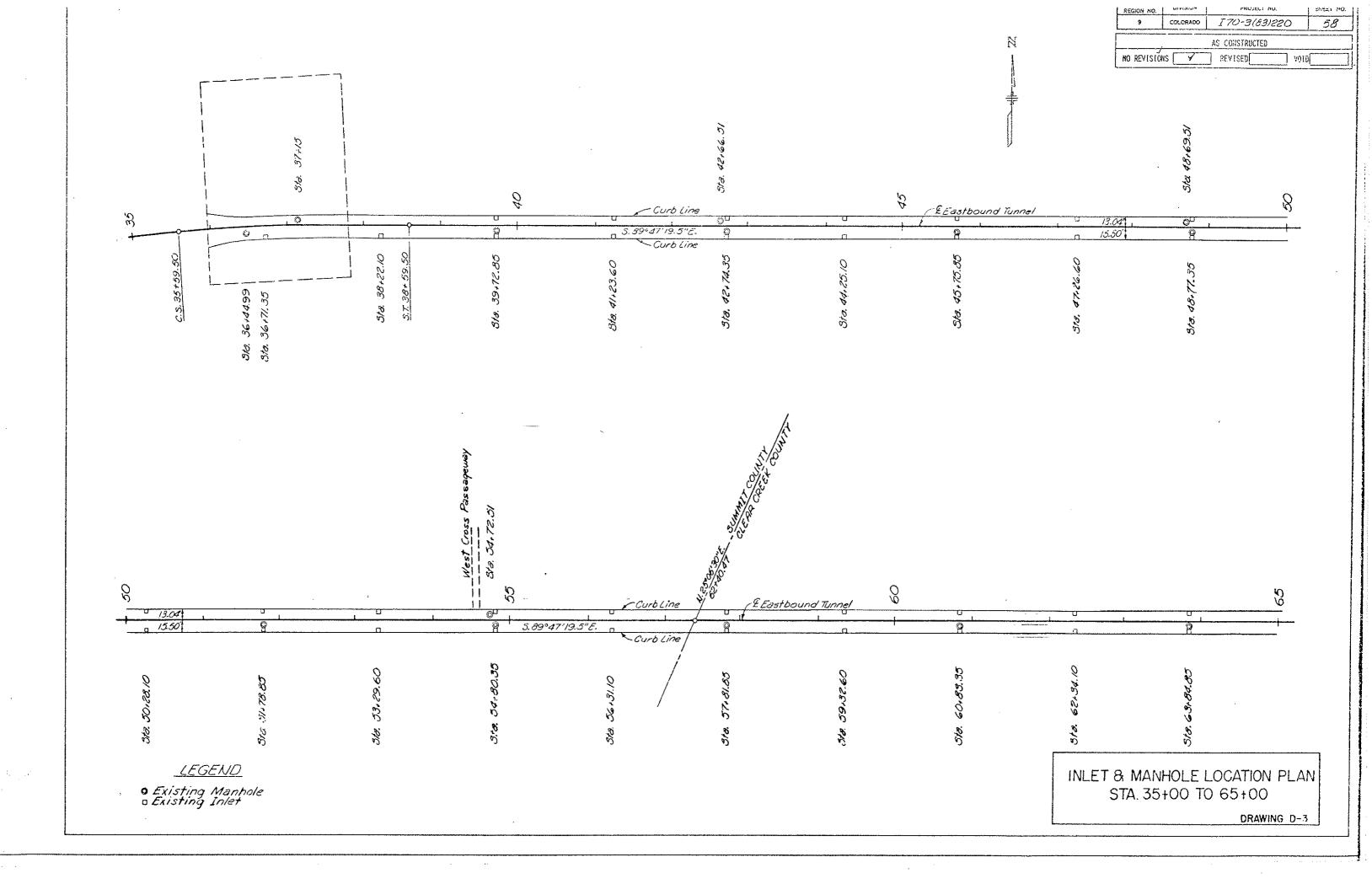


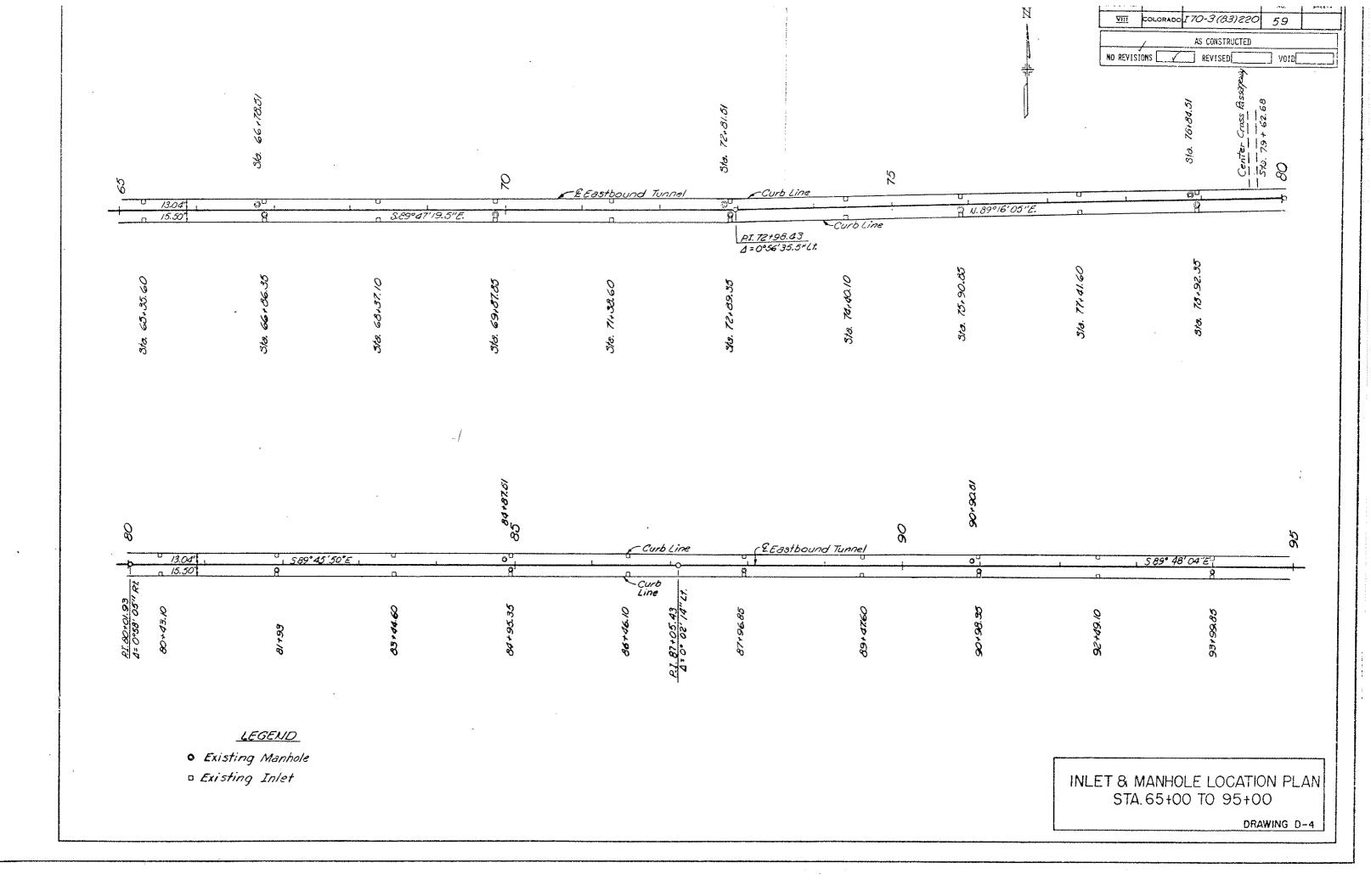


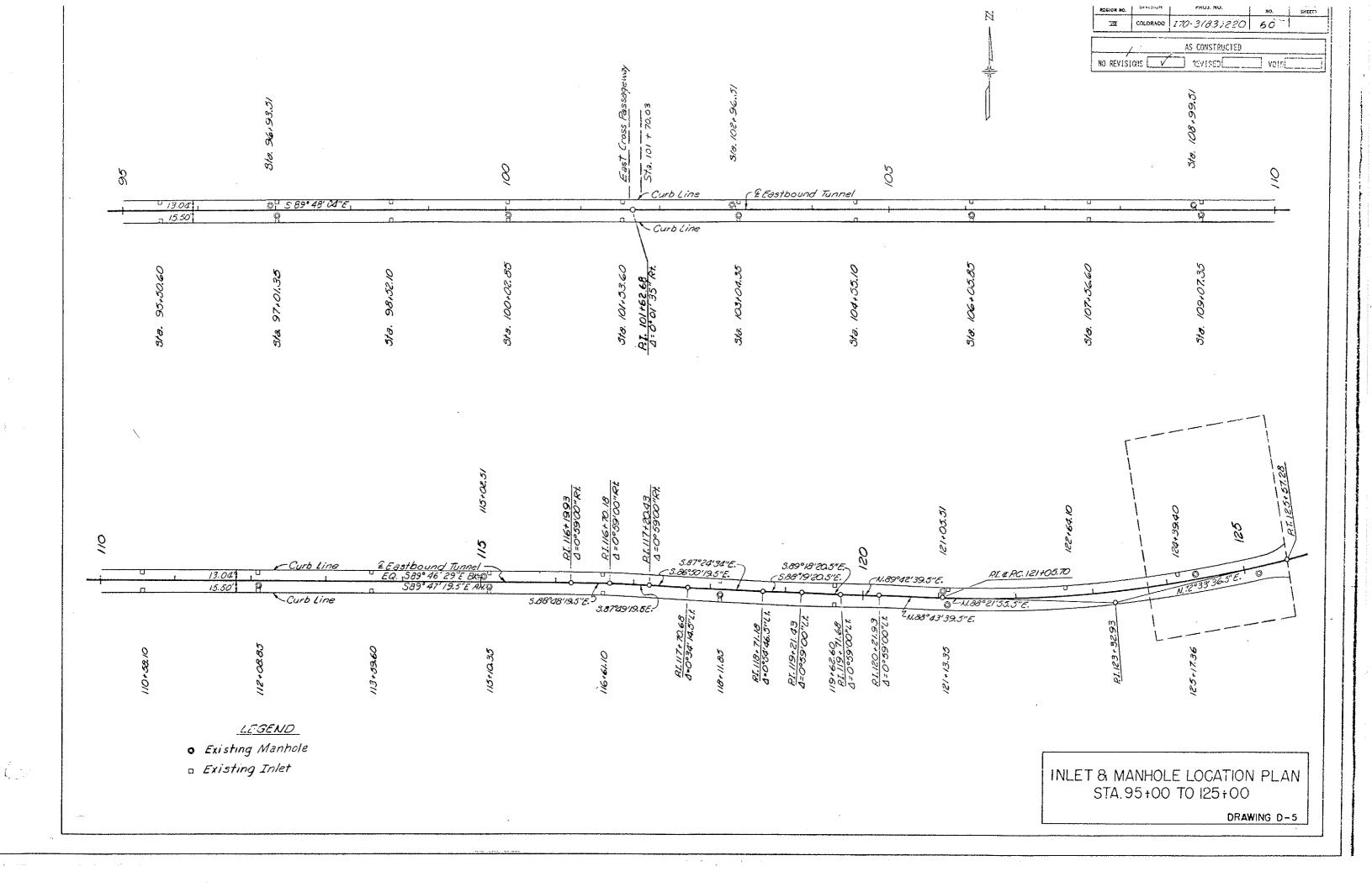


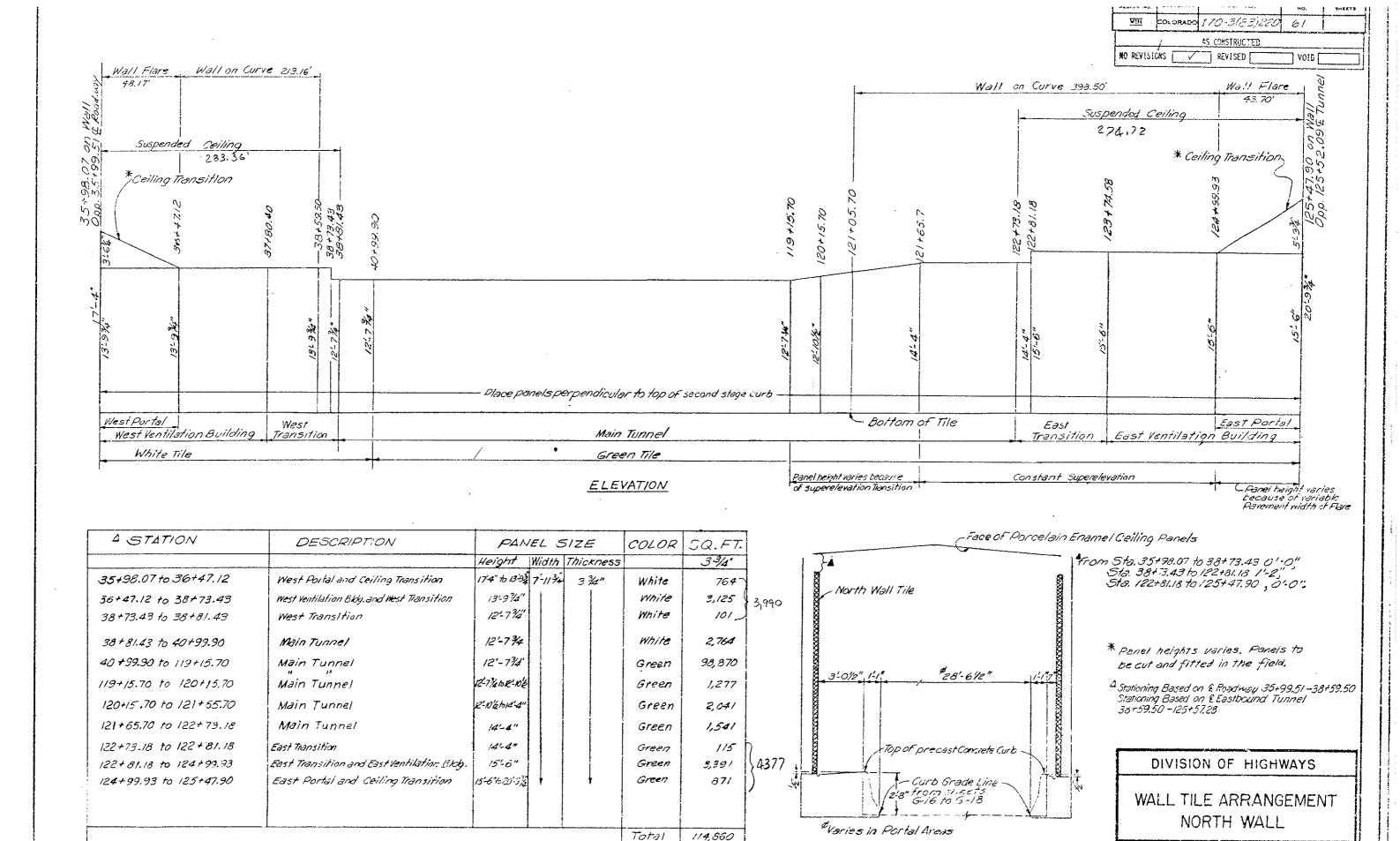












Designer C.D.O. 4

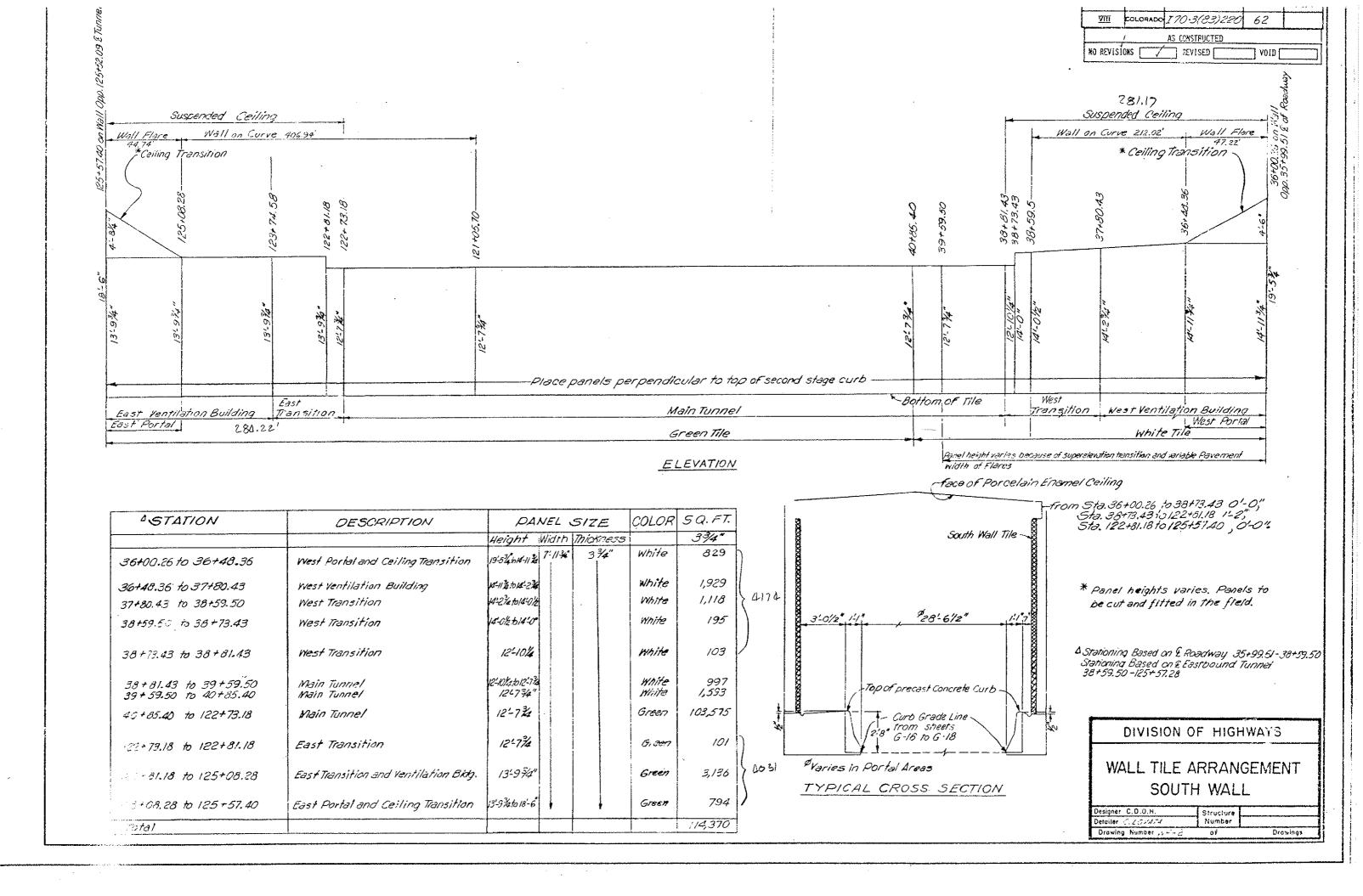
Orawing Number

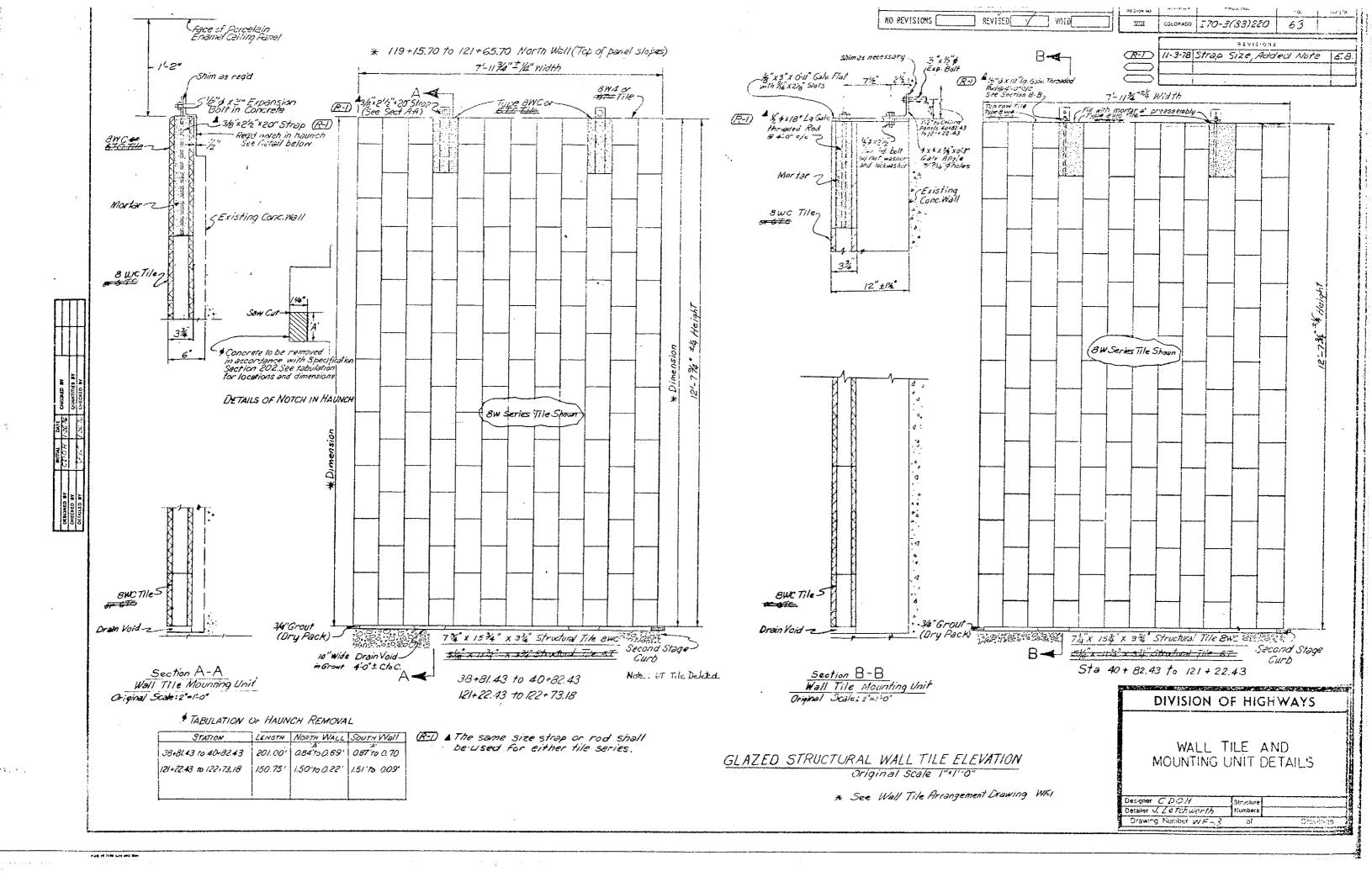
TYPICAL CROSS SECTION

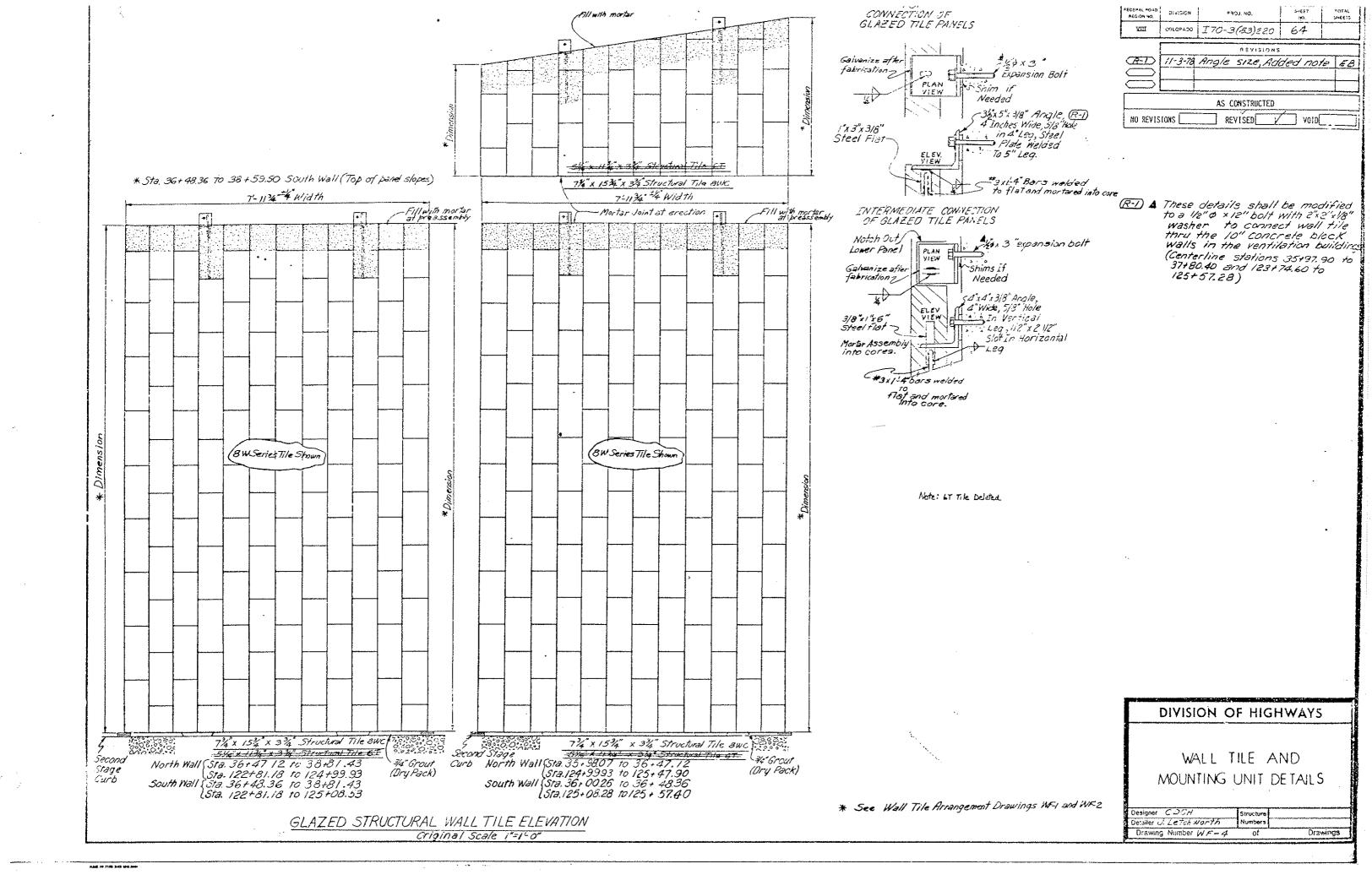
Structure

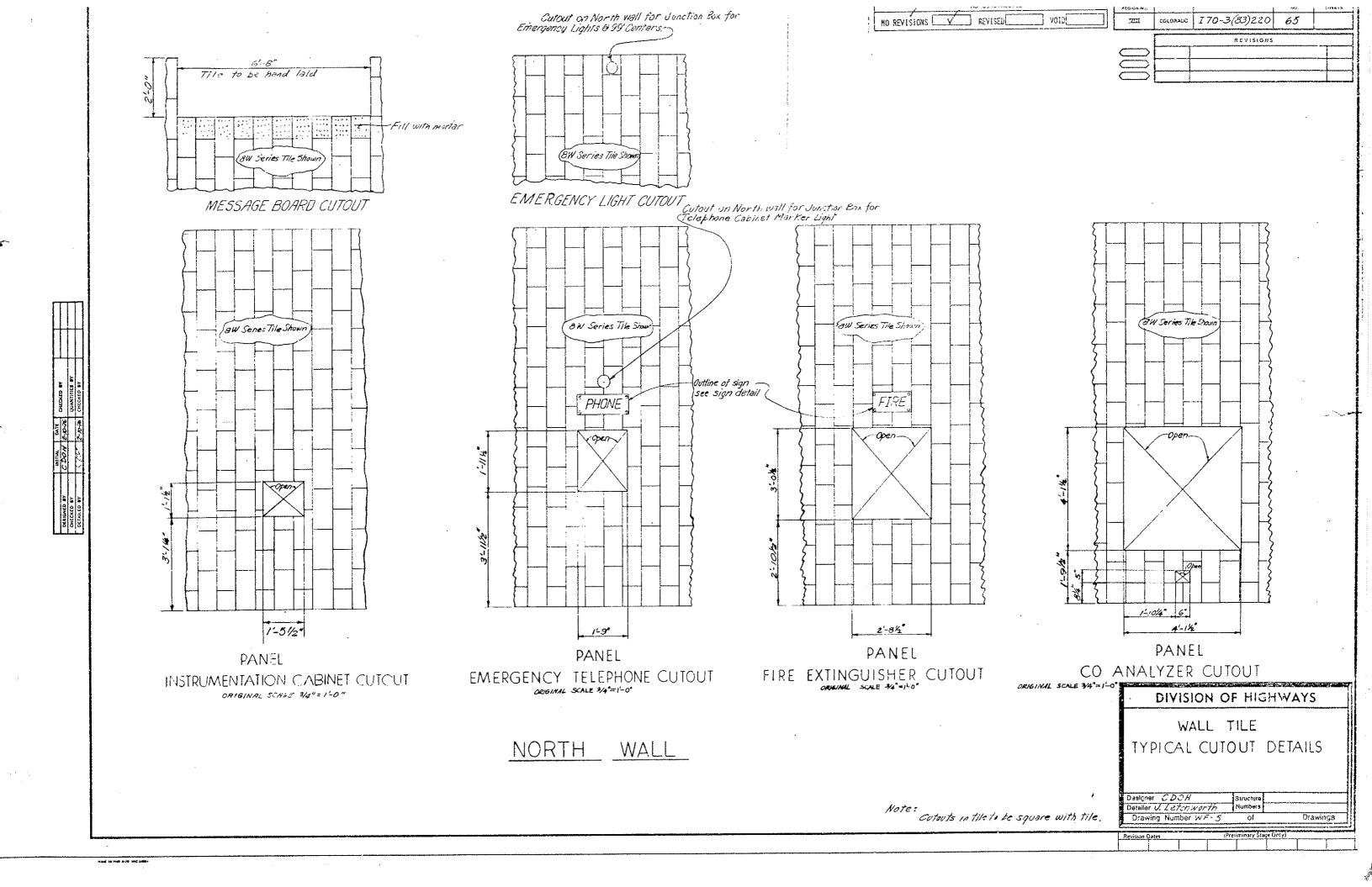
of

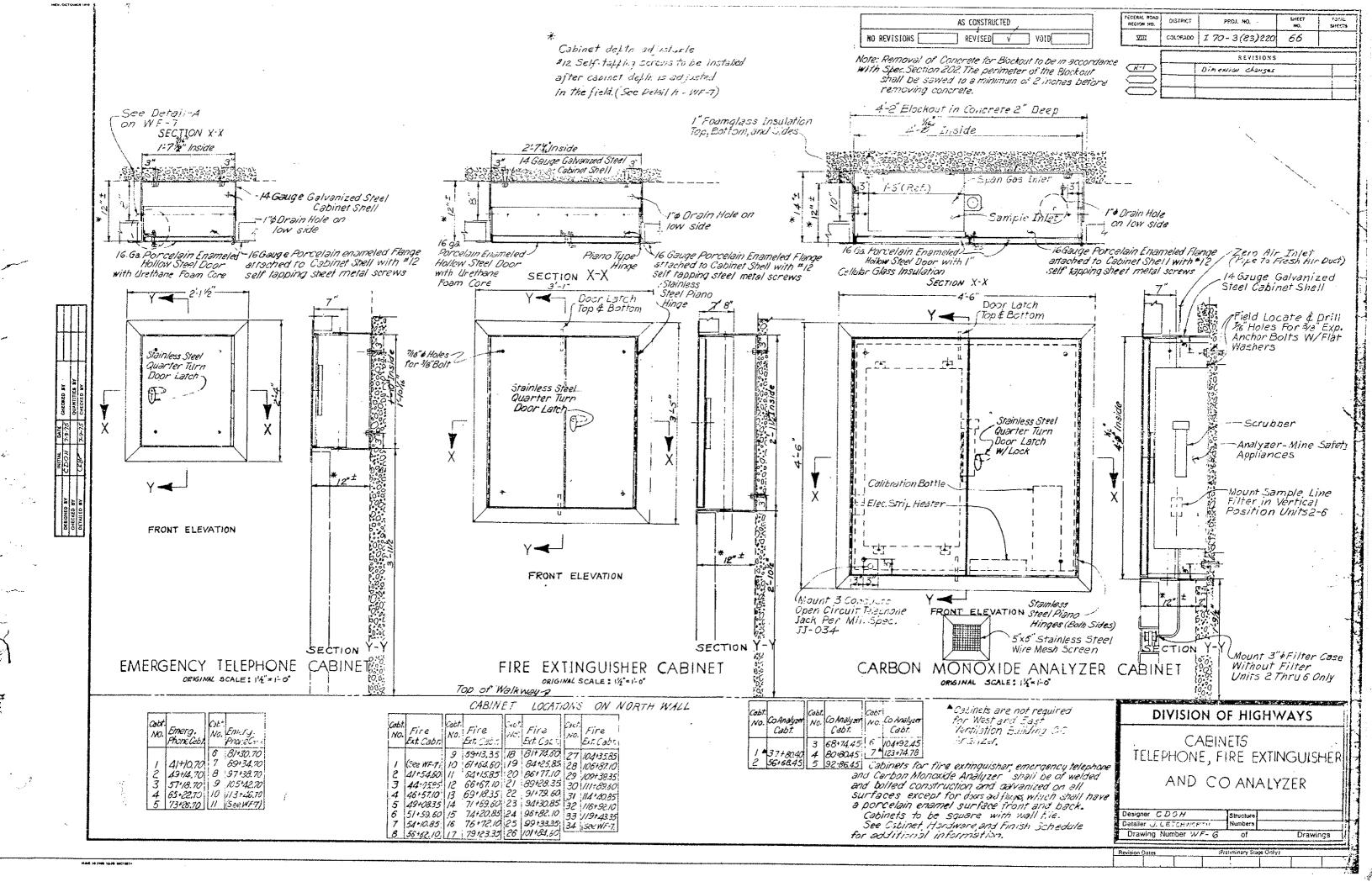
Drawings

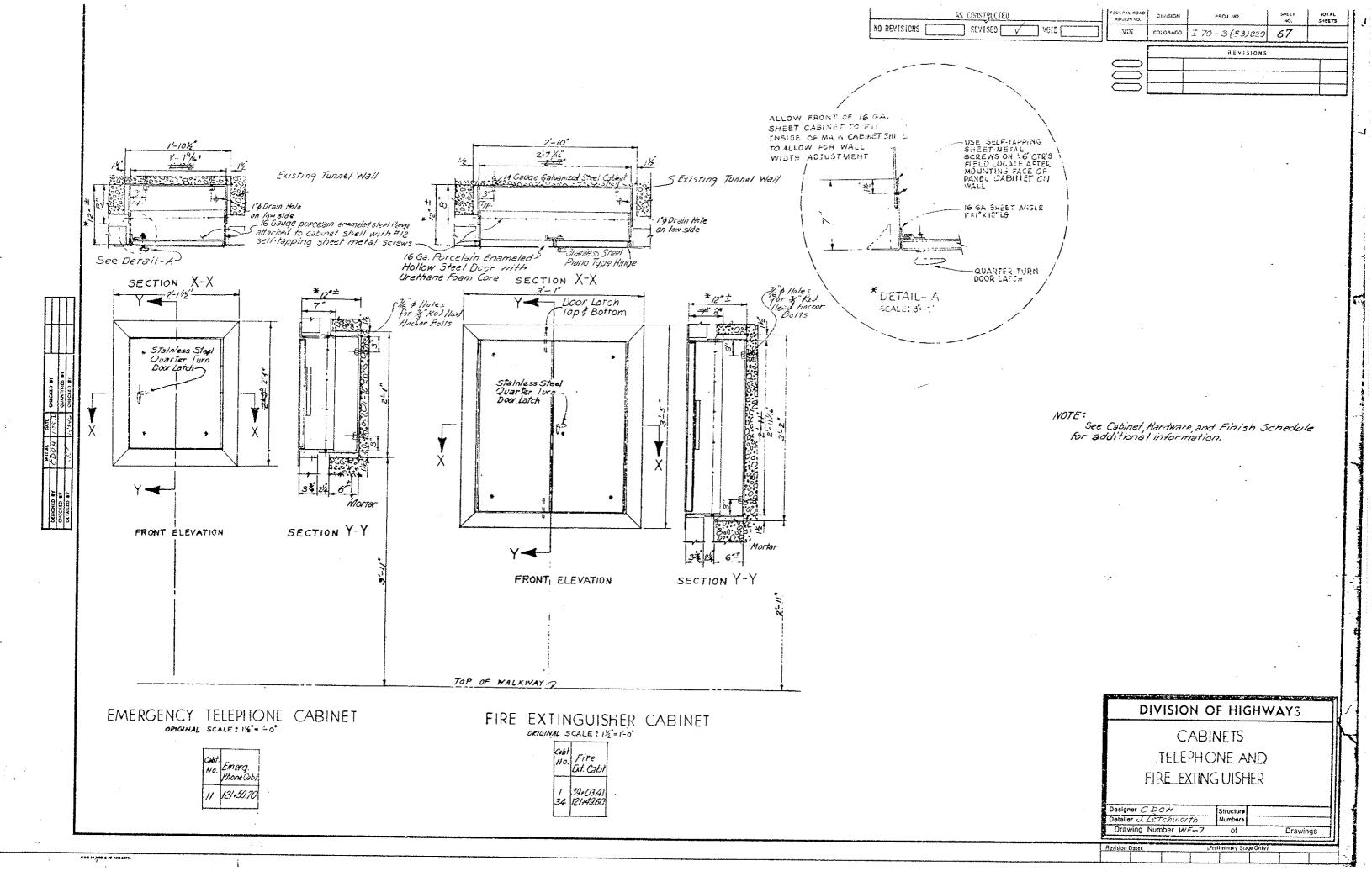


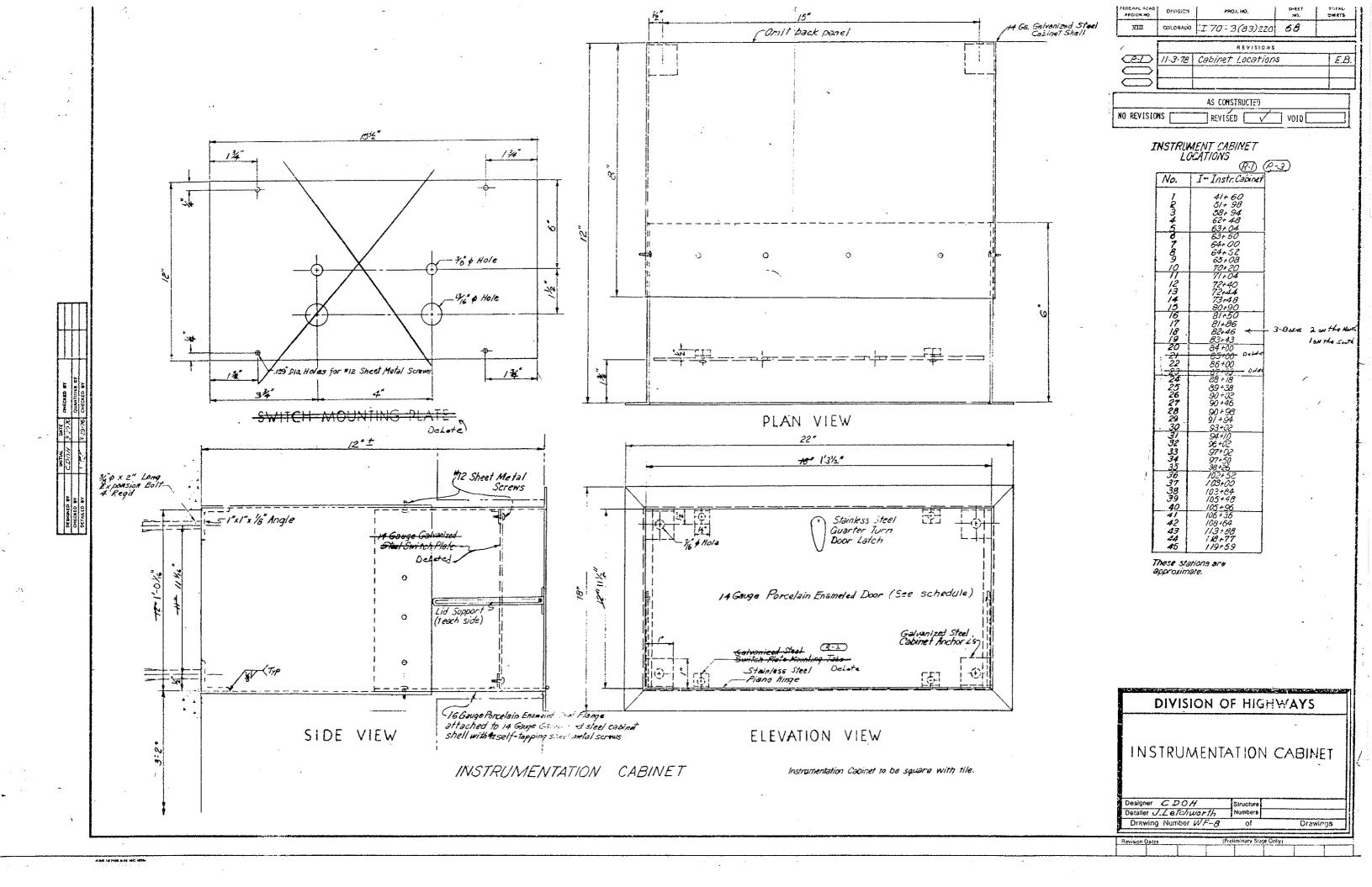


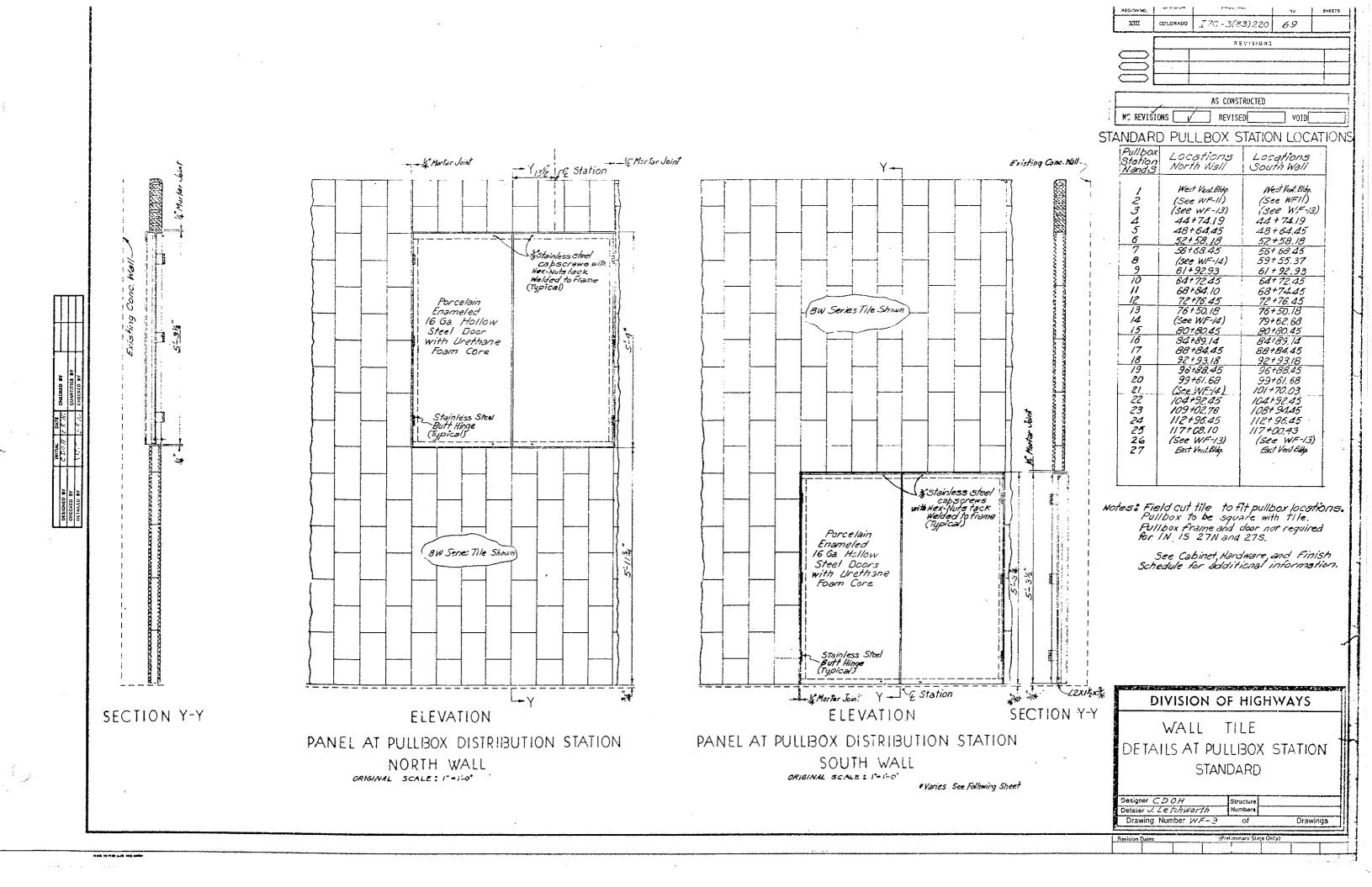


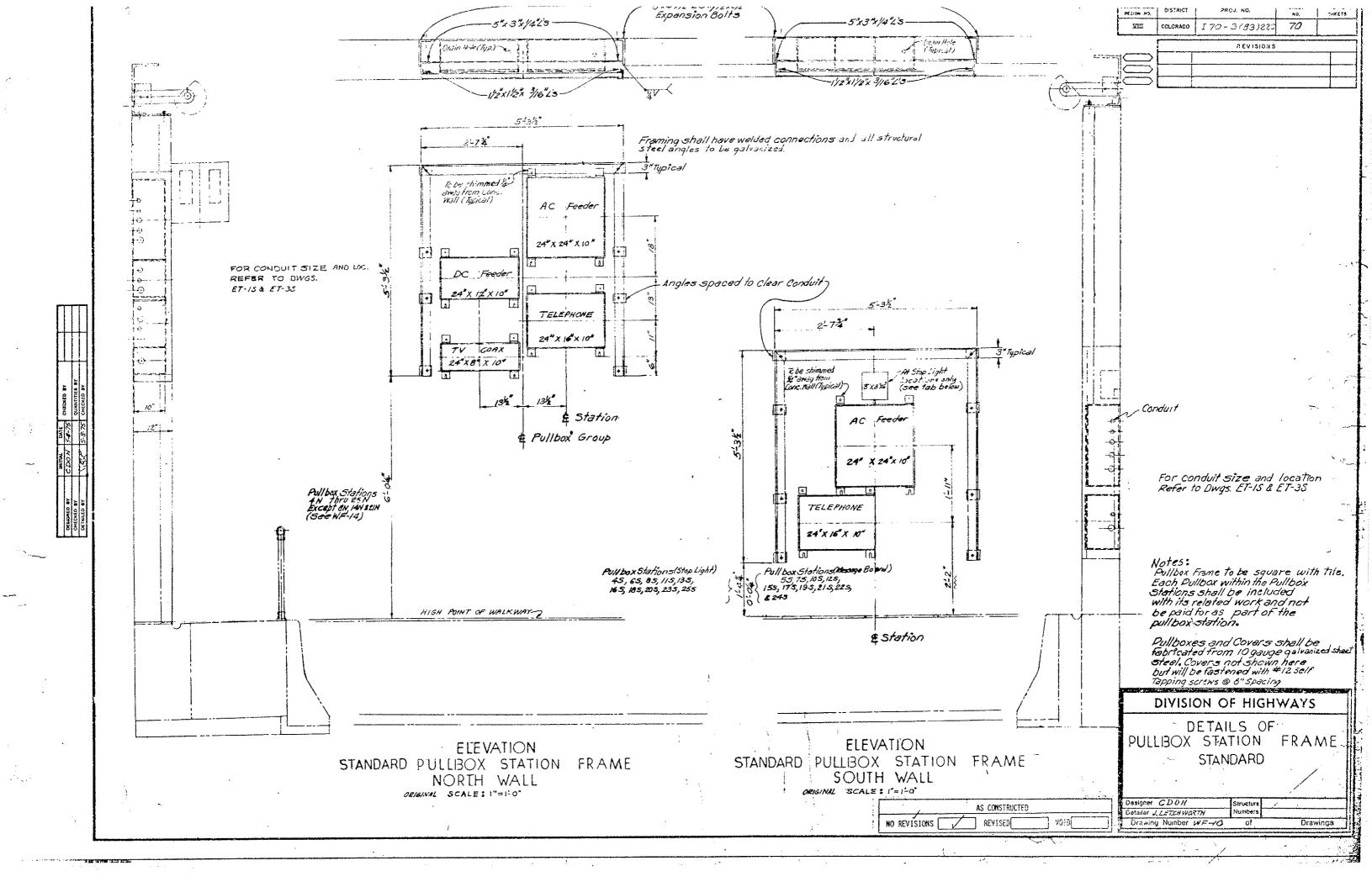


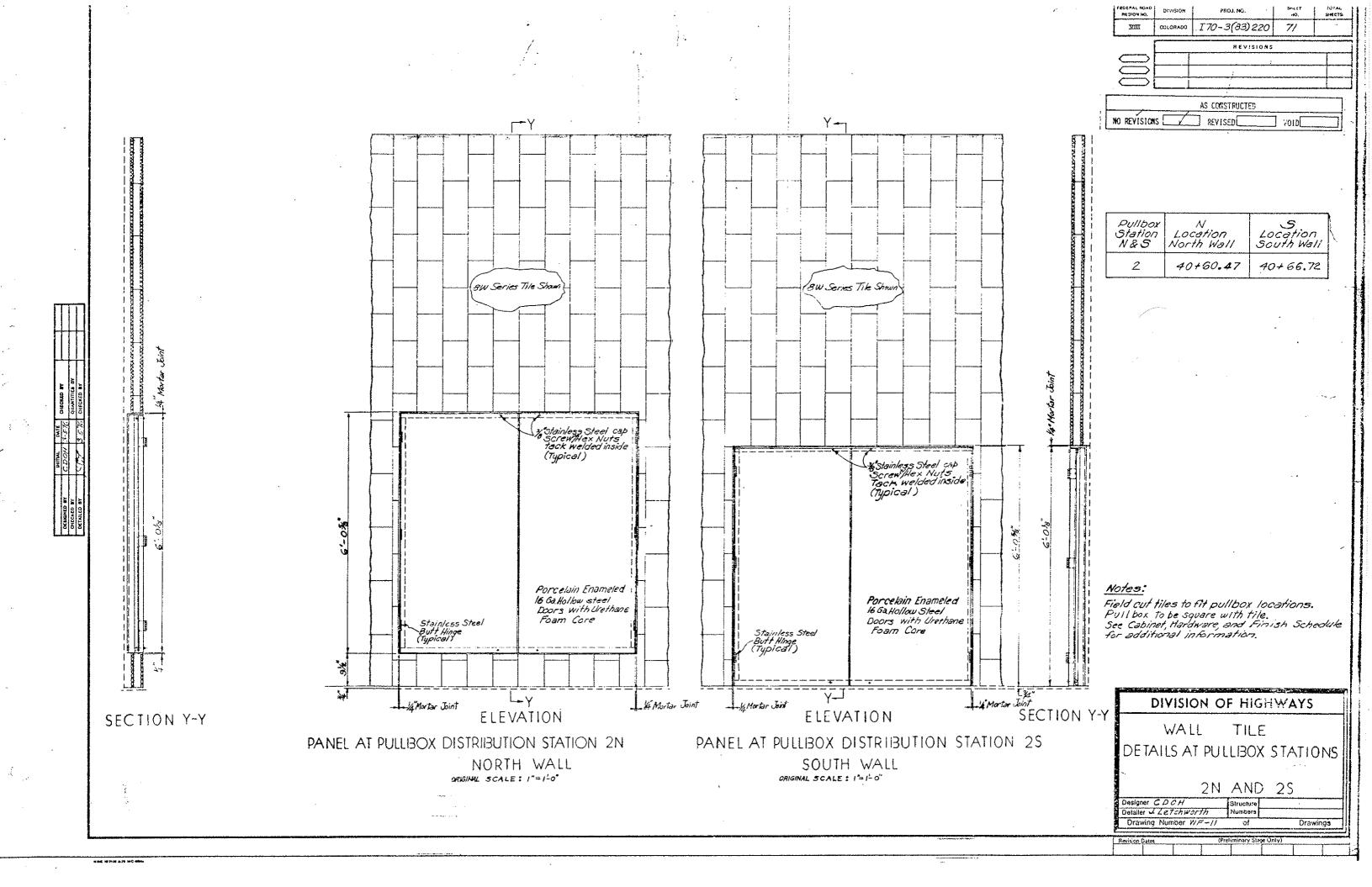


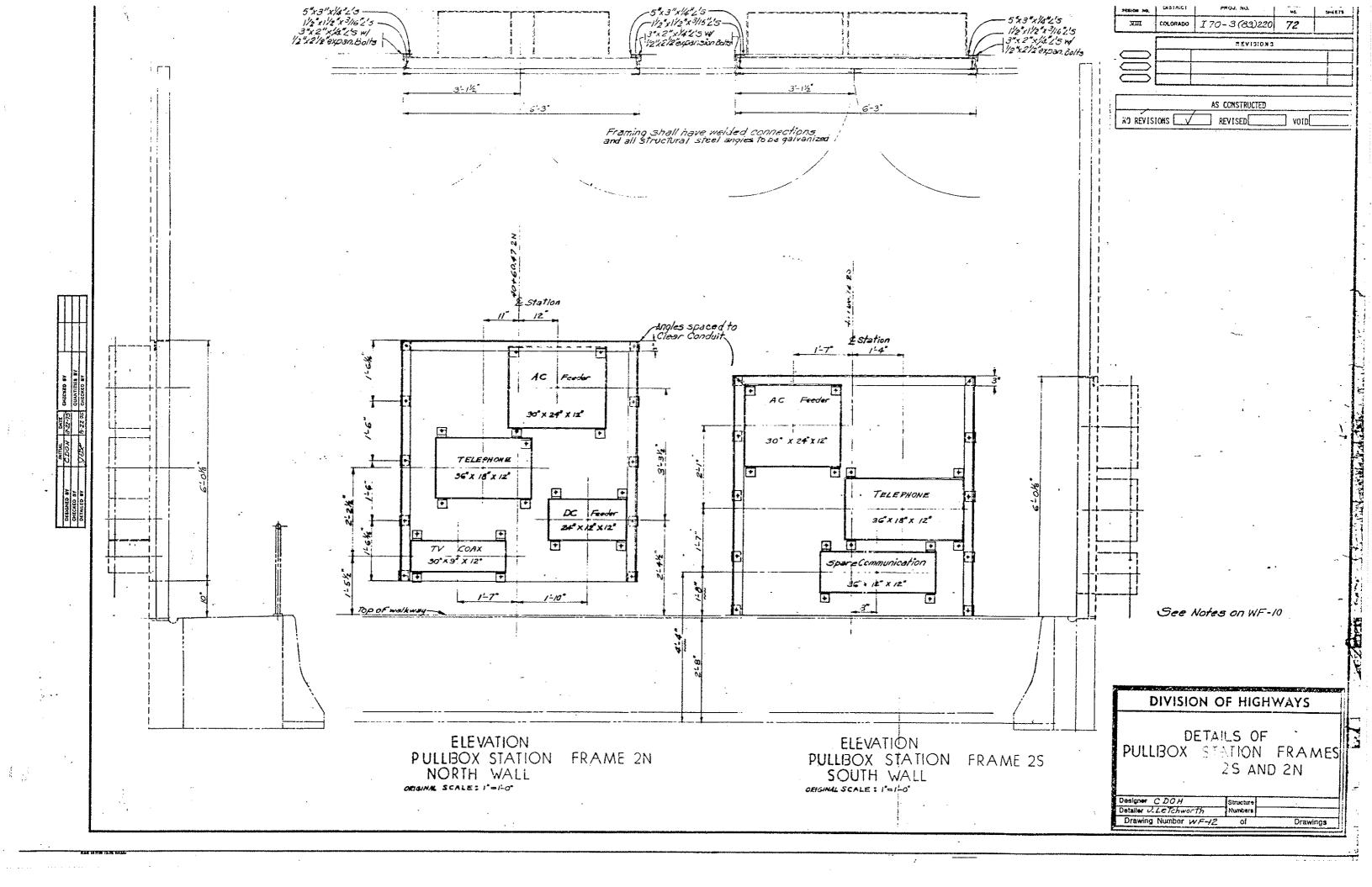


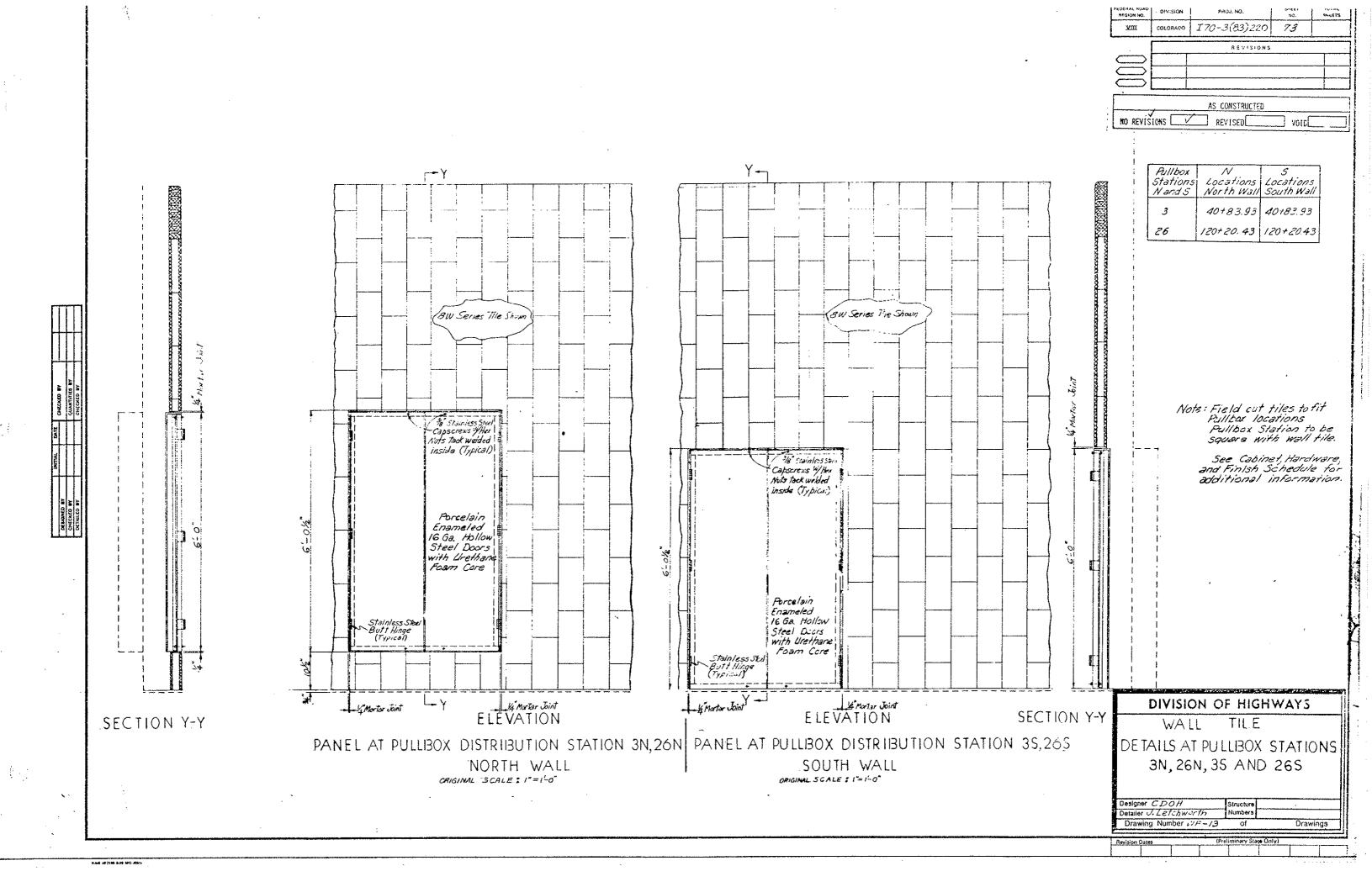


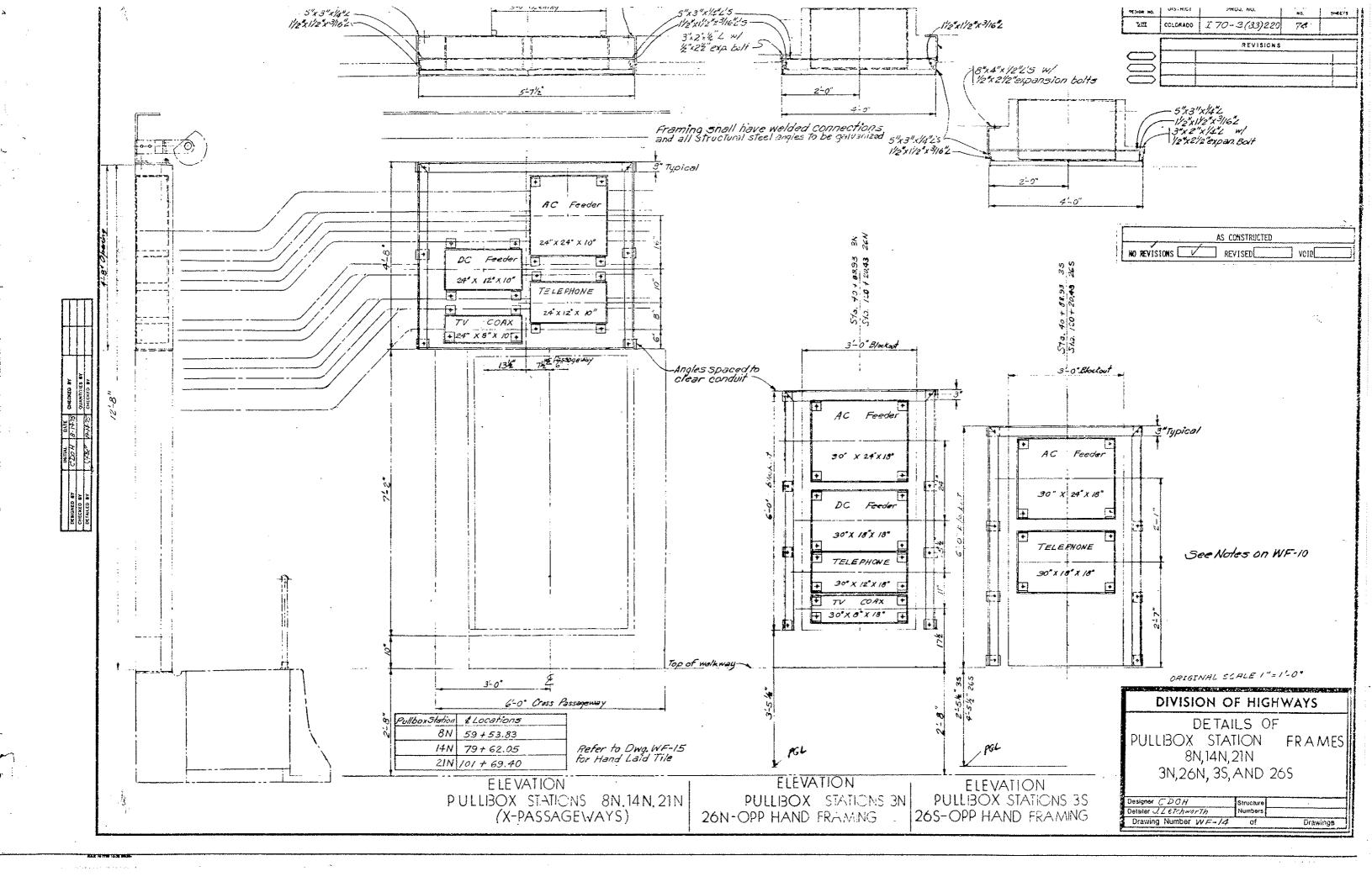


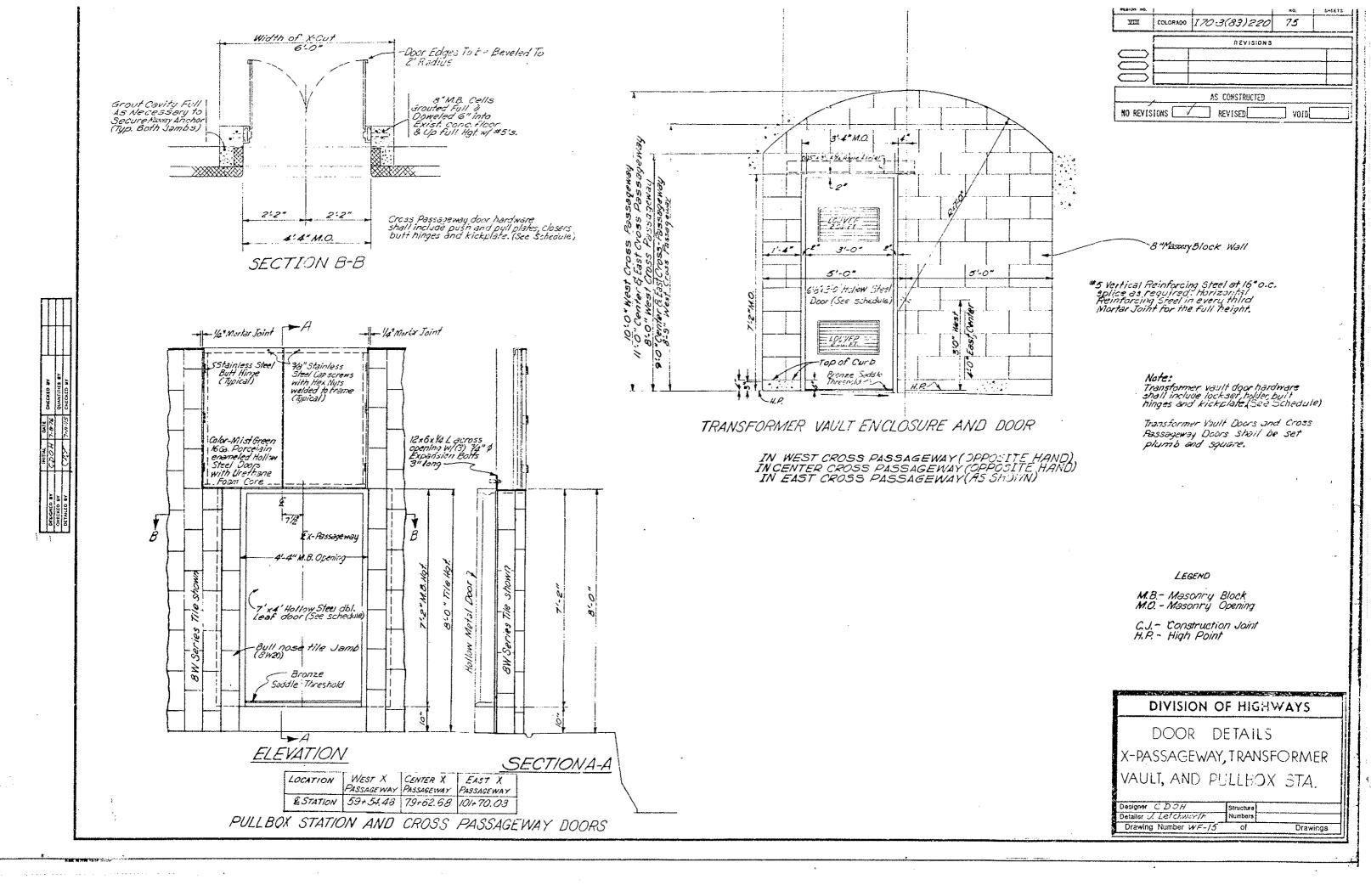


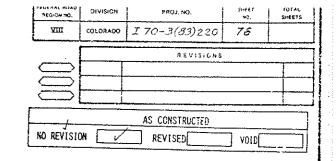


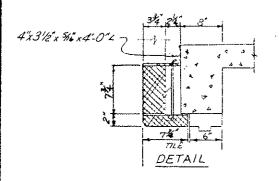


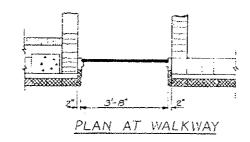


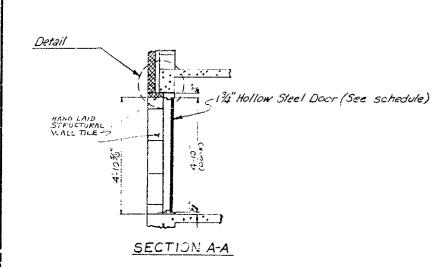


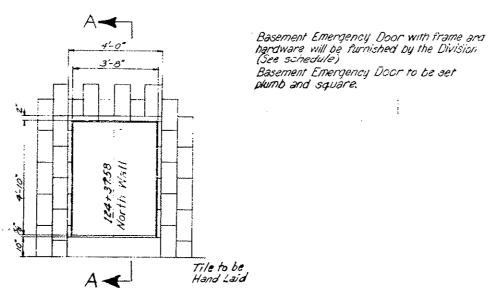






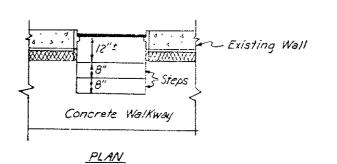


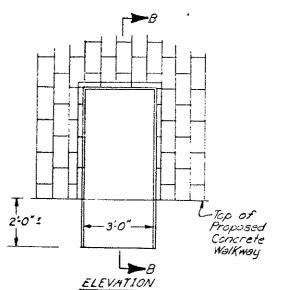


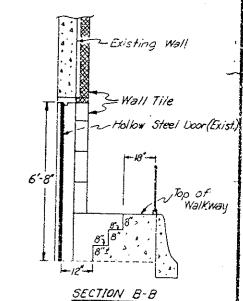


ELEVATION AT WALKWAY

BASEMENT EMERGENCY DOOR EAST VENTILATION BUILDING STA.124+37.58 NORTH WALL







EXISTING WEST VENTILATION BUILDING DOOR APPROX. STA. 36+03 NORTH WALL

Original Scale: 1"=2"-0"

DIVISION OF HIGHWAYS BASEMENT EMERGENCY AND WEST VENTILATION BUILDING DOORS Designer CDOH Ostailer J. Letchworth Drawing Number WF-16 Drawings

Note:

All products of a specific manufacturer, listed on the schedule, are intended only to establish a standard of quality; durability and design, and shall not be construed as limiting competition.

Products of other manufacturers will be accepted provided such products are approved equal to those shown on the schedule.

HEJICH NO.	DIVISION	PROJ. NO.	HQ.	shirers
<u>VIII</u>	COLORADO	170-3(83) 220	79	
		AS CONSTRUCTED		
NO REVISI	C#S	REVISED	VOID [

	00	OOR	FRAME		HARDWARE									· FI	FINISH				DOOR FILLER MATERIA	
Item	Ooor Type	Door Modification	Frame Type	Sliding Door Hardware	Threshold	Latches	Lockser	Push Plares and Pulis	Kickplate	Hinges	Closer	Holder or Lid Support	Pro	Paini ection Pri	ing Fil me Pa		rceisin En	nameling Color	Gəlvenizing Goly Item	
Cross Passageway Door and Frame	Ceco, Imperial Series 4º0'x 7º0' Standard Ga	door with	Ceco Series SF34 Double Rabbet 834's 2"	The state of the s	Ceco, \$200 Series, Corrugaled Saddle Type Bronze	•	•	Russwin, No.1016 and No.1838 (US.32D)	Pusswin, Series 416 (U.S.320)	6-Saniey, Lile spari Series, iko CB 1960 (US 320)445.415	Bronze	•	Gəh	anized Stop Fiel Prin	and d Re		•	•	•	中
Transformer Vault Door and Frame	Leco, Imperial Series 3'-0'x 6'-8" Standard Ga.	Two Fixed Slat Louvers	Ceco, Series SF 34, Double Rabbet 834x 2"		Ceco,4200 Series, Corrugated Saddle Type Bronze	•	Russwin, Unitoc Series, No. 563, Eaton Design (U.S.32D)	9	Russwirt Series 418 (US.32D)	3-Stanley, Lifespan Series, No.CB 1960 (US 32D)451444	•	I-Ausswin 2750 Series Bronze (SBL)	Galva	nized Shop Fie Prin	$Id \mid R$	ed :	•	•	•	ф
Ventilation Building Door and Frame	Series	One Laminated Glass Window (Hati Glass)	CF 34,		Geco,4200 Series, Corrugared Saddie Type Bronze	•	Russwin, Uniloc Series, No. 563, Eaton Design (U.S.320)	•	Russwin, Series 418 (US.32D)	3-Stanky, LifeSpan Series, No. CB 1960 (US 320)4/5,4/5	2810 Series	•	Salva	niz ed Shop Fie Prin	ld Wh	pire	•	•	•	ф
Placing Basement - Emergency Door	Door, fran	e and hardwar	e furnished by	the Division								and the second s		Fiel Prin		oire	•	•	•	
Fire Extinguisher Cabinet	Ø	Ø	Ø		•	i-Corbin WIOOQA (US250)(I''Door) 2-Stanley 1078 212*bot (US2C)	•	•	•	2-Stanley 5TS 3114 144 Continous	•	•				_	lange	White Red	She//	Urethan Foam
Telephone Cabinet	Ø	Ø	Ø		•	/-Corbin W1000A (US26D)(P* _ Door)	•	•	•	I-Stanley STS 3114 14° Continous	•	•				_ '	lange	White Red	Shall	Urethand Foam
Instrumentation Cabinet	Ø	Ø	Ø		., •)-Corbin 1000 A (US 260)	•	•	•	I-Stanley STS 3114 IVa"Continous	•	2-Stanley CD 430				. ! 2	oor ond onge	Green	Shell	•
CO Analyzer Cabinet	Ø	Ø	Ø		•	V-Corbin W1000 W/lock (US261) (1"Door)2-Stanley 1078-25"both(ts2c)	•	•	•	2-Stanley STS 3114 14"Continous	•	•				• File	oor and ange	Green	Shell	Cellular Glass Insulatio
Pullbox Station	Ø	Ø	Ø		•	•	•	•	•	6-Stanky F191 (US32D) 3" × 21/2"	•	•	•			• D	oor (Gr ee n	Frame	Urethan. Foam
Duct Access Hatch Door	Ø	Ø	Ø		•	⊗	•	•	•	2-Stanley, Plain Hinge No. 850, Size 3"x 3" Non swaped	•	2-Stanley CD 432	: <u>:</u> .			•	•	•	Door and Frame	•
* Duct Divider Well Door			Ø		•		•	•	•		•	•	* ; ·	•		•	•	•	Door and Frame	•
* Sliding Bulkheed Door	Ceco-Fire Door, Omega Series (Hallow Metal Const.) 3-67,7-0	Ø	Ø	80	•	•	•	•	•	•	•	•	- Galvai	ized Shop Prim	21	•	•	•	•	ф

Detailed on plans

Determined by Door Type

Door shall be as shown on plans and similar to Model 211-8-1, pressure door as manufactured by Julius Mock and Son, Inc., Brooklyn, N.Y.

Suitable dogging device as manufactured by Julius Mock and Son, Inc.

Sliting door hardware shall consist of one No.240X Track, two No.244X Hangers, one No.306 Pull, one No.305H Pull, three No.173 Binders, and one No.367 Stay Roller; All galvanized and as manufactured by The Allith Corporatin, Canville, Illinois.

DIVISION OF HIGHWAYS

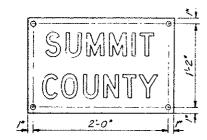
TUNNEL INTERIOR
CABINET, DOOR AND HARDWARE
SCHEDULE

Designer C.D.O.H.
Detailer D. Bevard

DRAWING NUMBER WF-19











PORCELAIN ENAMELED SIGNS ORIGINAL SCALE 11/2"-1-0"

Ainch Capital Letters I will Be Red For PHONE and "FIRE", and Black For The Remaining Signs. A White Background Is Required For All Signs. Staines Signs Seews Shall Factor. The 19 Gauge Steel Signs To The Tile Wall. Lead Expurion Interts Shall Be Placed In The Wall.



SIGNS FOR SEGMENTS ! THRU 167 (334 Total)

3 Black Letters on White background for Segment Designation Signs

SOUTH WALL

62+40.47 62+38.20

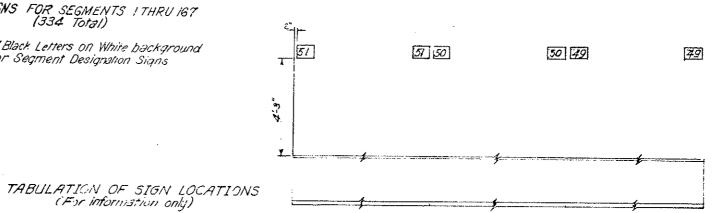
County

62+42.80

Sign Continental No. Divida

MKT. 62+40.47

2



NO REVISIONS

ELEVATION - SOUTH WALL NORTH WALL TYPICAL LOCATION OF SEGMENT SIGNS

CONTINENTAL DIVIDE

I 70-3 (83) 220

78

FEDERAL ROAD REGION NO.

ищ

DIVISION

AS CONSTRUCTED

REVISED

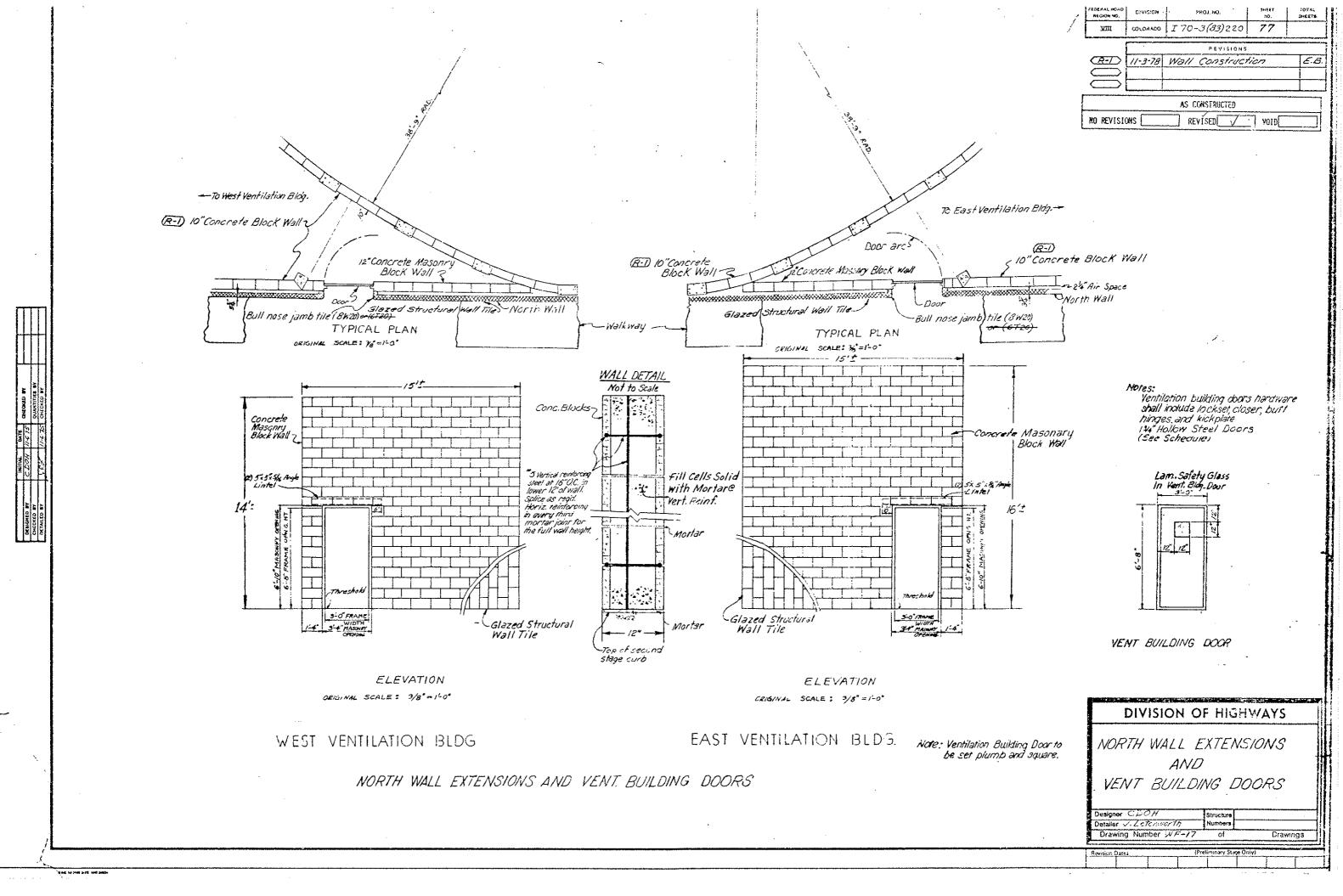
Sta 62+40.47 ELEVATION - SOUTH WALL CONTINENTAL DIVIDE MARKER DRIGINAL SCALE 3/8" =1-0"

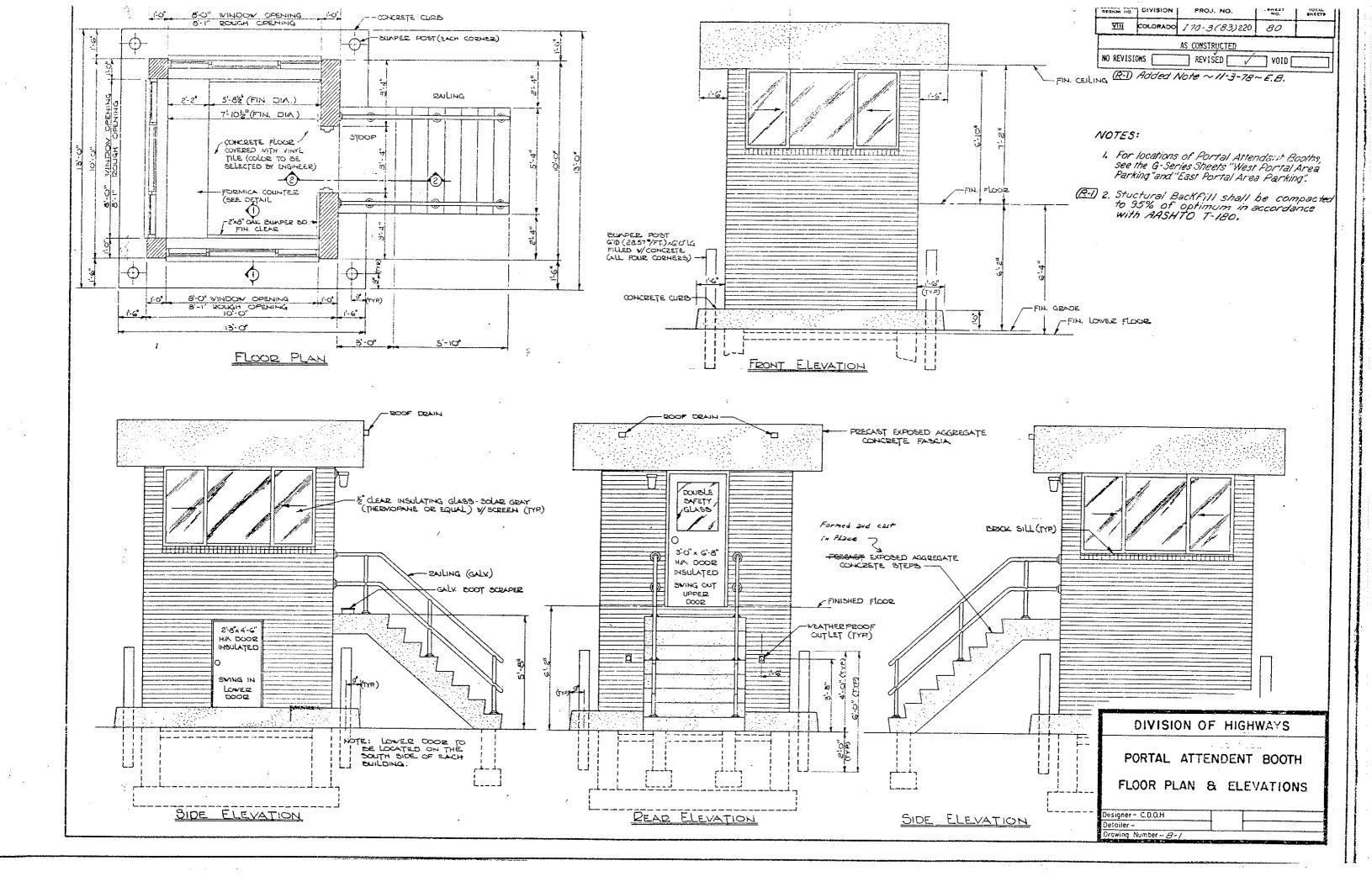
The black porcelain enameled strip shall be placed on the South Wall only. This steel strip shall conform to the requirements of and be included in the lump sum payment for "Porcelain Enameled Signs"

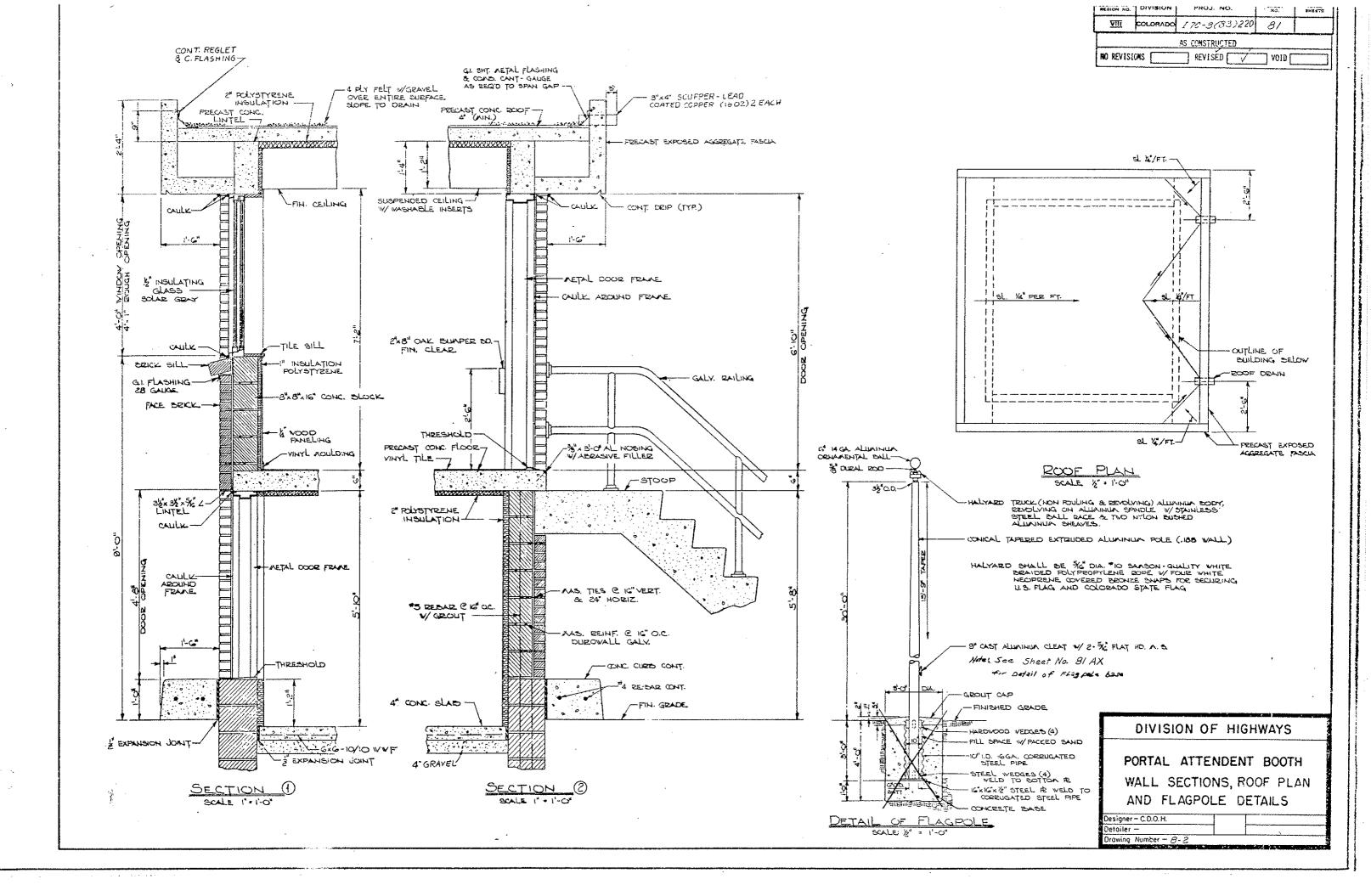
Ε Fire Prene 39+03+1 41+10.70 41+54.60 49+14.70 44+0585 57+18.70 5 44+03535718.70 4 46+57.10 65+22.70 5 49+08:35 75:12.70 6 51+59.60 81+30.70 7 54+10.35 89+34.70 8 56+62.10 97+38.70 9 591/3.35 105+12/10 10 61+64.60 1/3+46.70 11 64+15.35 121+59.70 12 66+67.10 13 69+18.35 14 71+69.60 15 74+20.85 16 76+72.10 17 79+23.35 18 81+74.60 19 84+25.65 20 86+72.70 21 83+23.85 22 91+79.60 23 94+30.25 24 96+92.70 25 99+3:35 9 591/3.35 105+2270 25 99+3-35 26 101+84.60 27 104+35.85 23 106+37.10 29 109133.35 30 111+39.60 31 |14+40.85 32 |16+92.10 33 11914335 34 /21+94.60

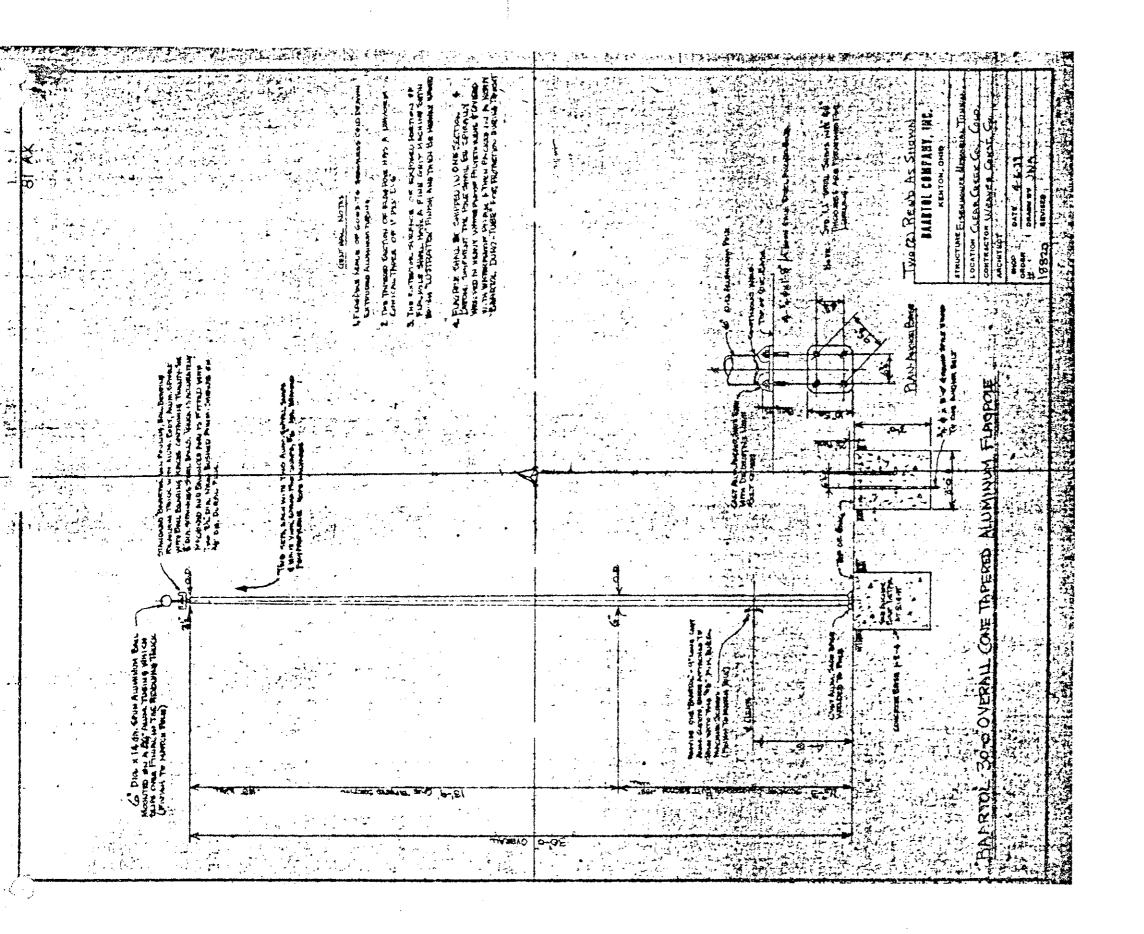
NORTH WALL

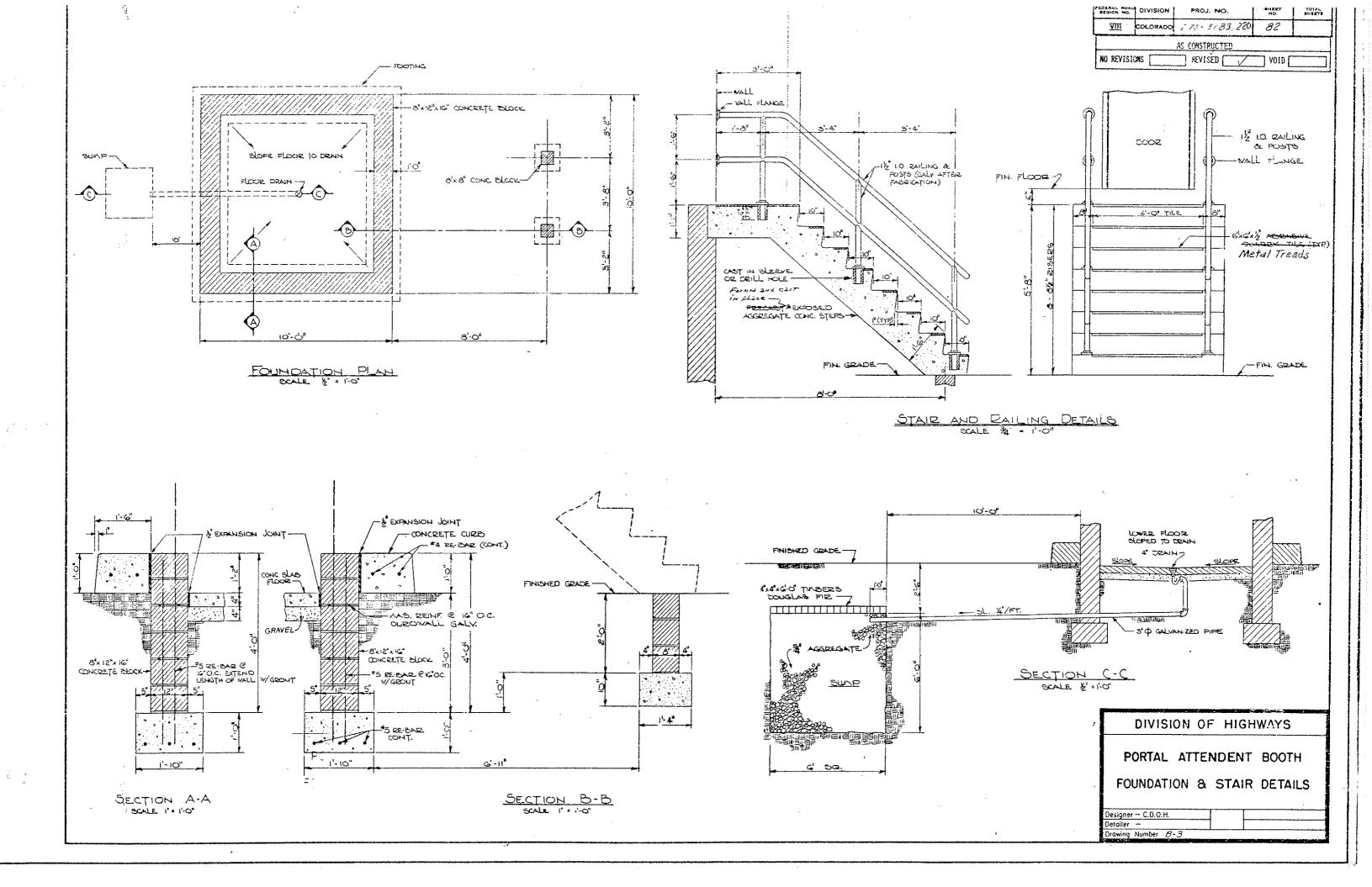
DIVIGION		
DIVISION C)F HIG	HWAYS
MISCELLANE	DUS	SIGN
DET.	AILS	,
Designer CDOH Detailer J. LeTenworth	Structure Numbers	
Drawing Number WF-/8	of	Drawings

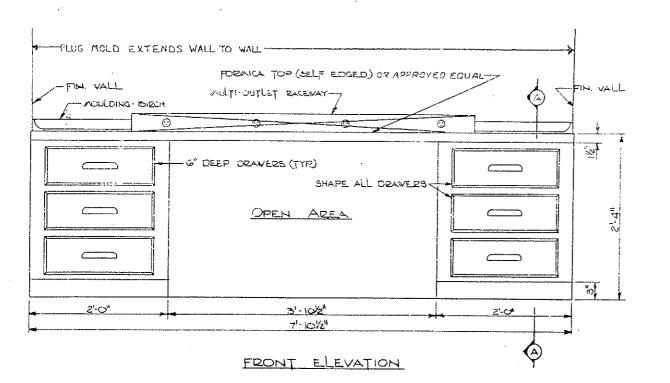


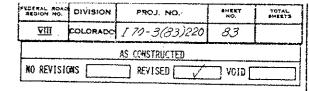


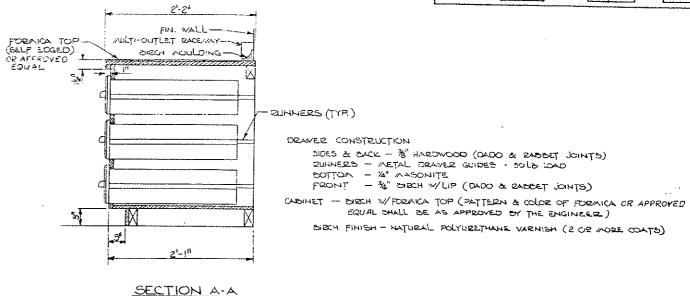












COUNTED CABINET DETAILS

DOOR SCHEDULE

ITEA	DC	×Σ.	FRAME			· HARD	VARE			FINISH			
,,=,	TYPE	MOD.	TYPE	THRESHOLD	LOCKSET	LICKPLATE.	HINGES	೧೬೦೪೯೬	HOLDER	PROTECTION	PRIME	coloe	
DOOR LTOOK NEDERS	CECO IMPERIAL SERIES 3'0"x 6'-8" 18 GA.	HALF GLASS 'E' SOLAR GRAY INSULATING TEMPERED GLASS	SEIZIES SF 34 DOUBLE	CECO 4200 SERIES COREUSAȚED SADOLE BEONZE	DISSAIN UNIVE SEE 10. 563 EATON DESIGN US 32 D	RIBSIVIN 418 SERIES US 32 D G* x 2'-8'	STANLEY LIFESPAN SERIED CD 1960 4½" * 4½" US 32D	SEGIES SEGIES SEGIES (SDL)		GALV.	SHOP AND FIELD PRIME	BEOWN	
LOWELD FLOOR DOOR	CECO IMPERIAL SERIED SPECIAL 18GA.	DOOR 31ZE 21-8"*41-6"	CECO SEIZIES SF 34 DOUBLE PARSET 3%'x2" 16 GA	CECCO SEZIES 4200 ODRIGAȚED SADDLE BRONZE	PUSSVIN UNILOC BERIES NO 563 EATON DESIGN US 320		STANLEY LIFESPAN SELZIES CD 1960 4½°44° US32D		RUSSWIN 2750 SERIES BRONZE (SBL)	GALV.	SHOP AND FIELD PRIME	BROWN	

HOTE:

MANUFACTURED ITEMS LISTED IN THE DOOR AND VINDOW SCHEDULES, OR AN APPROVED EQUAL, SHALL BE SUBMITTED IN ACCORDANCE WITH BUBBECTION 106.01 OF THE PROJECT SPECIFICATIONS.

VINDON SCHEDULE

ITEA	MODNIA	GLASS	FRAME		
11=71	TYPE	SIZE & TYPE	FINISH		
VINDOV5	TRUSCON BOAO FC W/ SCREENS	geay Insulating Glass	BROWN PAINT		

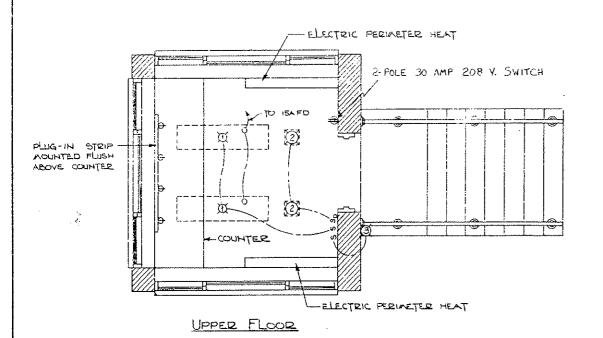
DIVISION OF HIGHWAYS

PORTAL ATTENDENT BOOTH
DOOR & WINDOW SCHEDULE
AND
COUNTED CARDNET DETAILS

COUNTER CABINET DETAILS
Designer - C.D.O.H.

Detailer — Drawing Number — B-4

PEGIAL ROAD REGION NO.	DIVISION	PROJ. NO.	AHERY NO.	TOTAL
₩	COLORADO	<i>I 70-3(83)220</i>	84	
		AS CONSTRUCTED		
NO REVISI	ons	REVISED /	veid [



NS-16-240 NULTEE. FIXTURE \ LIGHTING SCHEDULE LAMPS / FIXTURE MANUFACTUREZ MARK QUANTIT DESCRIPTION DE MARKS NO. DESIGNATION CEILING ZECESSED FLUORESCENT W D.C. ALIX. INCAND. LAMP INCANDESCENT LAMP TO BE WIRED TO AUXILIARY POWER 15-A WOC: HOLOPHADE 2045-4 F4Q/CW CEILING RECESSED CONTROL VITH FULL SANGE LIGHTOLIER 2 46 H16 150W PAR-38 DIAMEZ SWITCH INCONDESCENT WALL SURFACE MOUNT ACPHILDEN 43-40VT WEATHERPROOF & VAPORTIGHT 3 ICOW A-21 INCANDESCENT WALL SURFACE MOUNT FINAL LOCATION TO BE 4 ACPHILBEN 45-40 IS-A VOOI DETERMINED BY ENGINEER INCAMPESCENT

Singer Model ASF-7

LEGEND

O INCAND LAAP IN FIXTURE "I WIRED TO AUX. DC

THERADSTAT @+52" FROM FLOOR

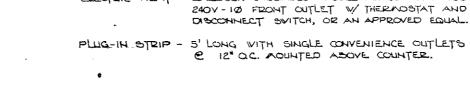
DUPLEX CONVENIENCE OUTLET @+52"

SINGLE CONVENIENCE OUTLET

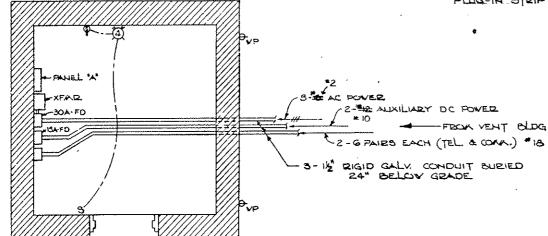
WEATHERPROOF SINGLE CONVENIENCE OUTLET

SO DIMER SMITCH - FULL RANGE

XFAR TRANSFORMER

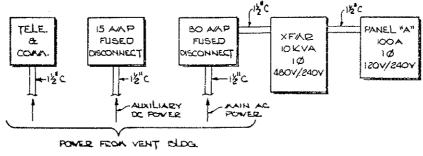


ELECTRIC HEAT - ENERGON CHEONOLON VCCC

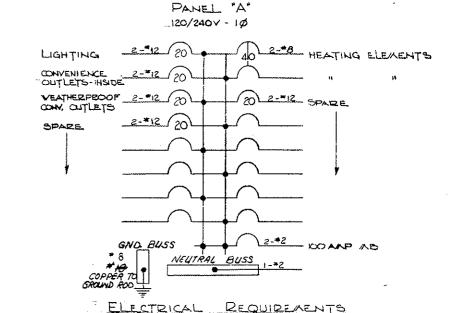


LOVER FLOOR

ELECTRICAL AND HEATING PLAN



PANEL LAYOUT



TOTAL CONNECTED LOAD = 6660V . 27.8 A

CIRCUIT BREAKERS SHILL BE PROVIDED BY GROUND FAULT CIRCUIT SHTERRUPTERS

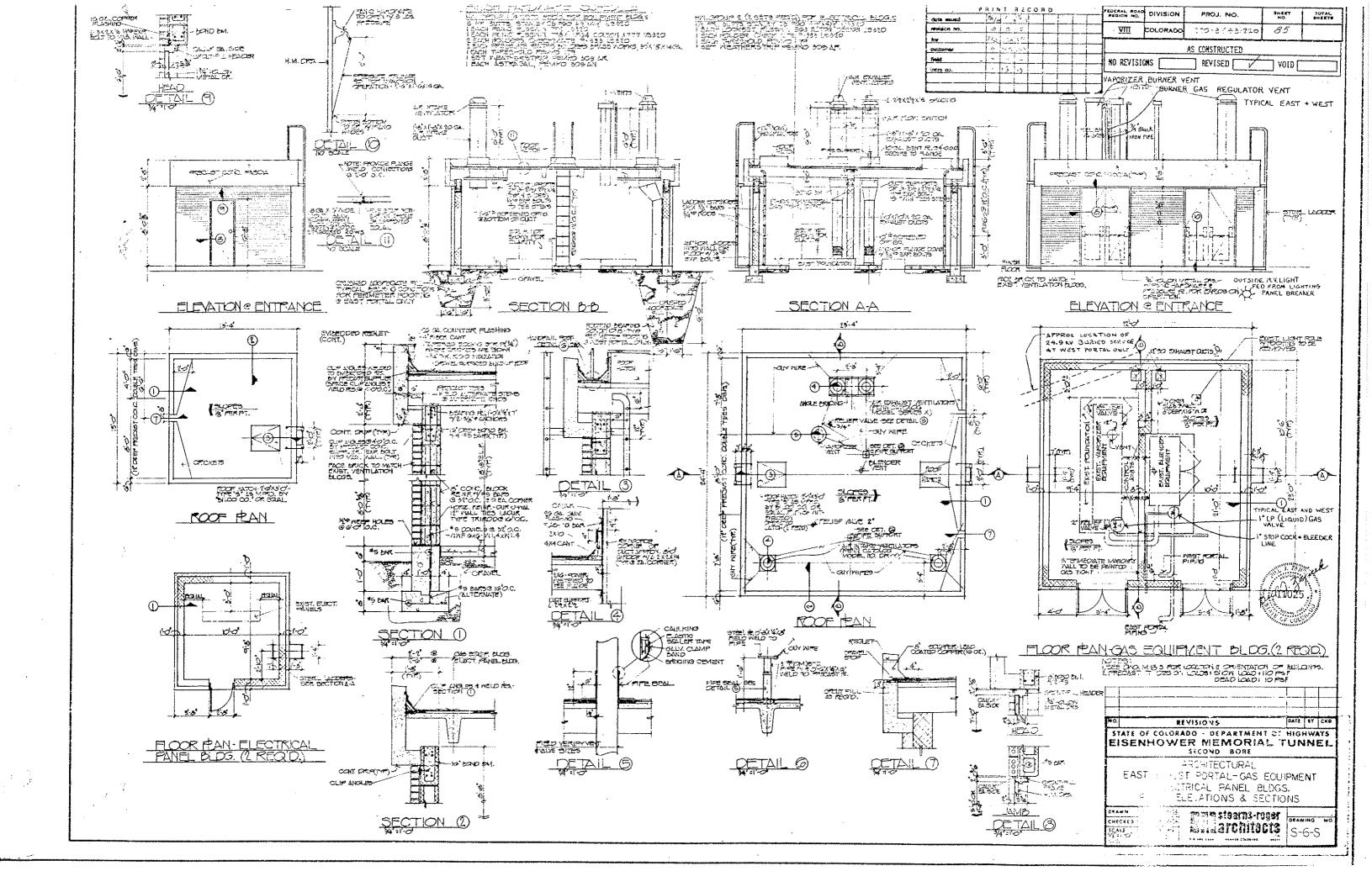
PORTAL ATTENDENT BOOTH
ELECTRICAL & HEATING PLAN

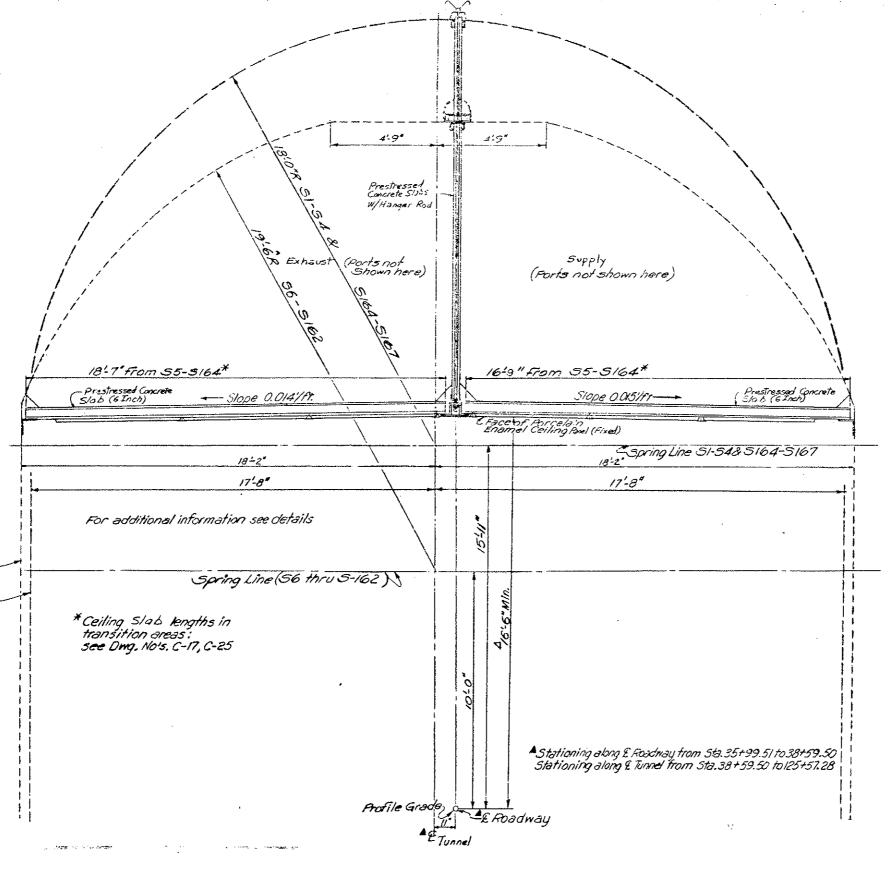
Designer – C.O.O.H.

Detailer –

Drawing Number – 8-5

OR AN APPROVED SOUAL





Existing Cons. Final Lining. (95-9164)

Existing Conc. Final Lining (51-54 & 5165-5167

TYPICAL SECTION LOOKING EAST Original Scale 1/2"=1-0"

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	PHILET MO.	SHEETS
<u>vm</u>	COLORADO	I 70-3(83)220	86	
		AS CONSTRUCTED		
NO REVISIO	ons	REVISED	AOID [

ALL WORK SHALL BE DOME ACCORDING TO THE PROJECT EPECIFICATIONS FOR I 70-3(83)229.

ALL STRUCTURAL STEEL NO: OTHERWISE MOTED SMALL BE AASNTO SPECIFICATION M-222 (ASTM A-588) (MEATHERING STEEL), (GALMANIZED).

ALL BOLTS SHALL BE 3/4" DIANETER, HIGH STADNETH, UNLESS OTHERWISE HOTED.

NO MELDING OF ANY KINO SHALL BE PERMITTED ON STRUCTURAL STEEL MEMBERS UNLESS SPECIFICALLY CALLED FOR ON THE MLANS.

SHADE GO REINFORCING STEEL IS REQUIRED FOR 95 BARS AND LARGER. MADE 40 MAY BE USED FOR 94 BARS.

THE FOLLOWING TABLE GIVES THE MINIMUM CAP SMLICE LENGTH FOR REINFORCING DARS:

BAR SIZE	14	#5	#b	+7	,19	19	110	£11
SPLICE LONGTH								
ì	1'-0"	1,-3.	: 3	2'-3"	i v	3'~10"	4'-1C	5'-11"

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

DESIGN DATA:

AASHTO MATCO -- 1977 AND 1978 INTERIM.

LOADING DATA:

AIR PRESSURE IN YENTILATION CHOTS:

FRESH AIR

EXHAUST

FIVE LOAD

* 42 psf REINFORCED CONCRETE: 95 DARS AND LARGER, $f_{g} = 24,000$ pair 94 BARS, $f_{g} = 20,000$ pair

CLASS T-1 CONCRETE fc = 1,200 psi, n = 10

STRUCTURAL STEEL: AASHTO H-183 (ASTN A-30) 75" 20,000 psi

MASHT9 H-222 (15TH A-586) f = 27,600 psi

PRESTRESSED CONCRETE: f' + 270,000 psi f's * (See Setails)

GENERAL NOTES CONTINUED

DIMENSIONS AND ELECATIONS TO EXISTING STRUCTURE SURFACES ARE APPROXIMATE FOR INFOPMATION ONLY. THE CONTRACTOR SHALL VERIFY THIS INFORMATION IN THE FIELD, AND ADJUST THE CORRESPONDING MATERIAL DIMENSIONS AS REQUIRED, PRIOR TO FABRICATION OF MATERIAL FOR THIS PROJECT.

CROSS REFERENCE DRAWING NO.

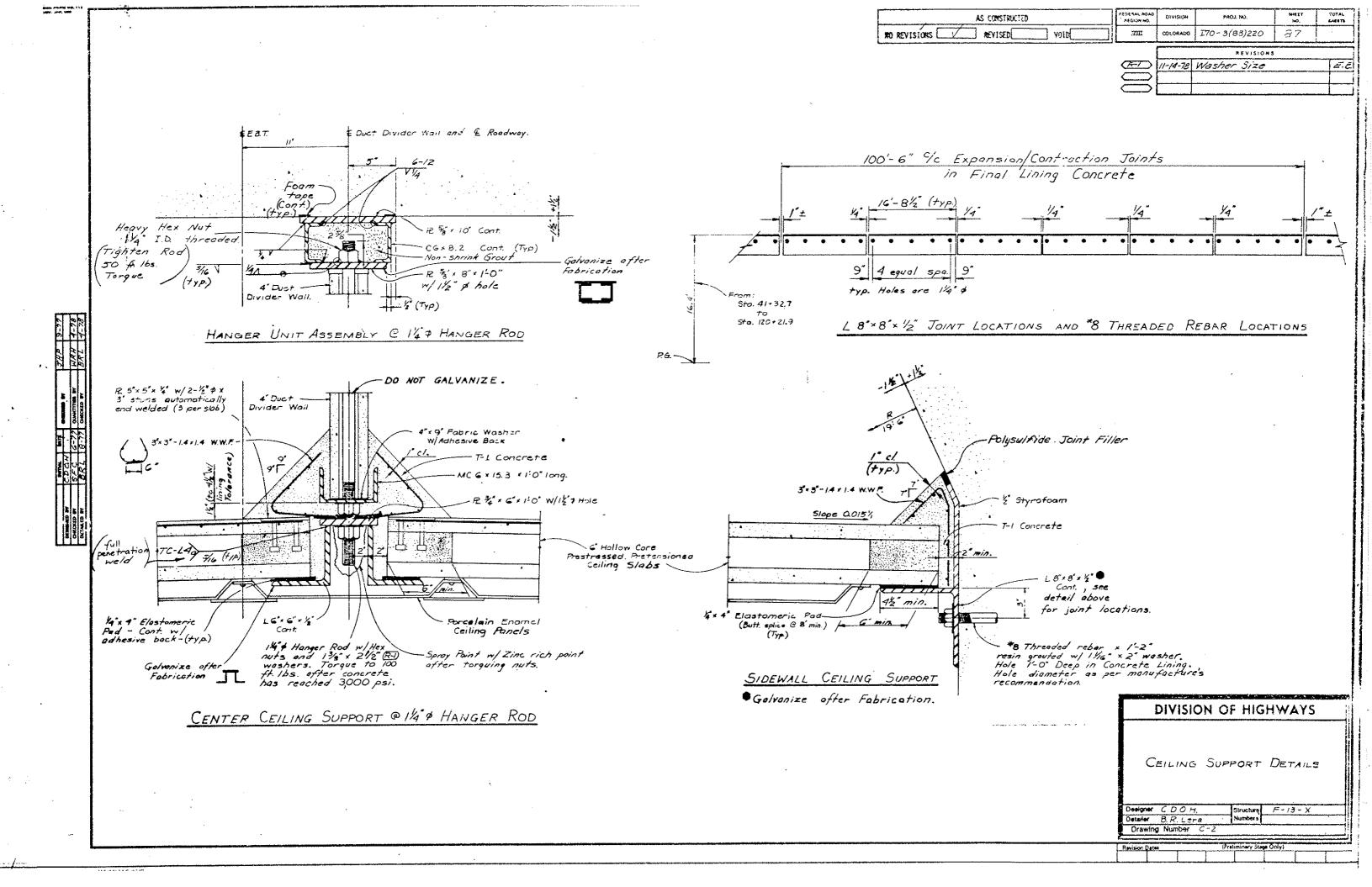
SECTION OR SETAIL IDENTIFICATION

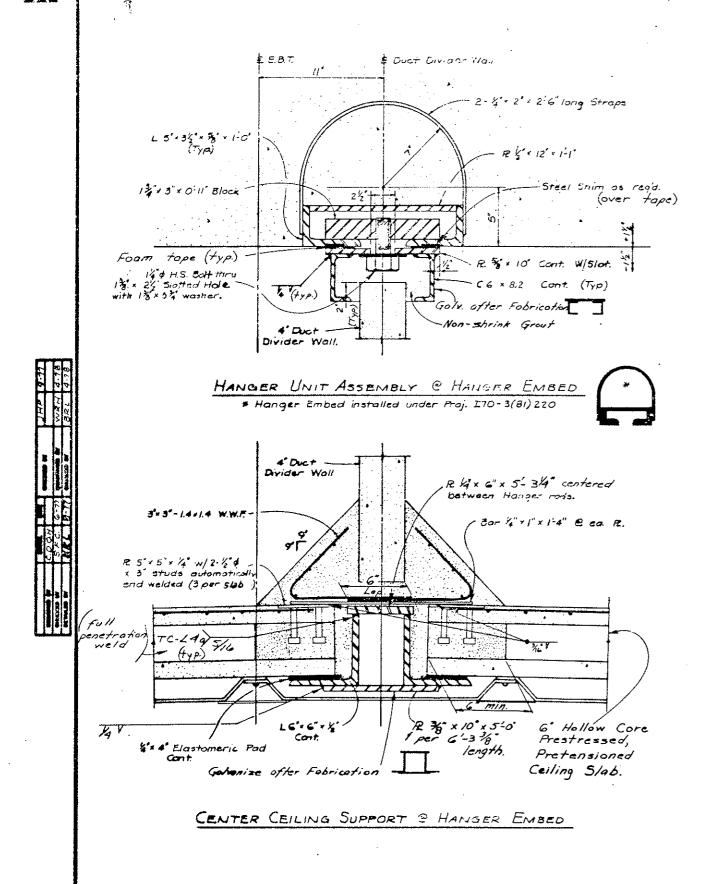
 A IN SUPERELEVATED SECTIONS, THE MINIMUM CLEARANCE IS 16'-6" AT THE CURB GRADE LINE.

DIVISION OF HIGHWAYS

TYPICAL SECTION CEILING SLAB AND DUCT DIVIDER WALL

Designer C.D.O H. Structure Detailer J. Letchworth Number Drawing Number C-/ Drawings

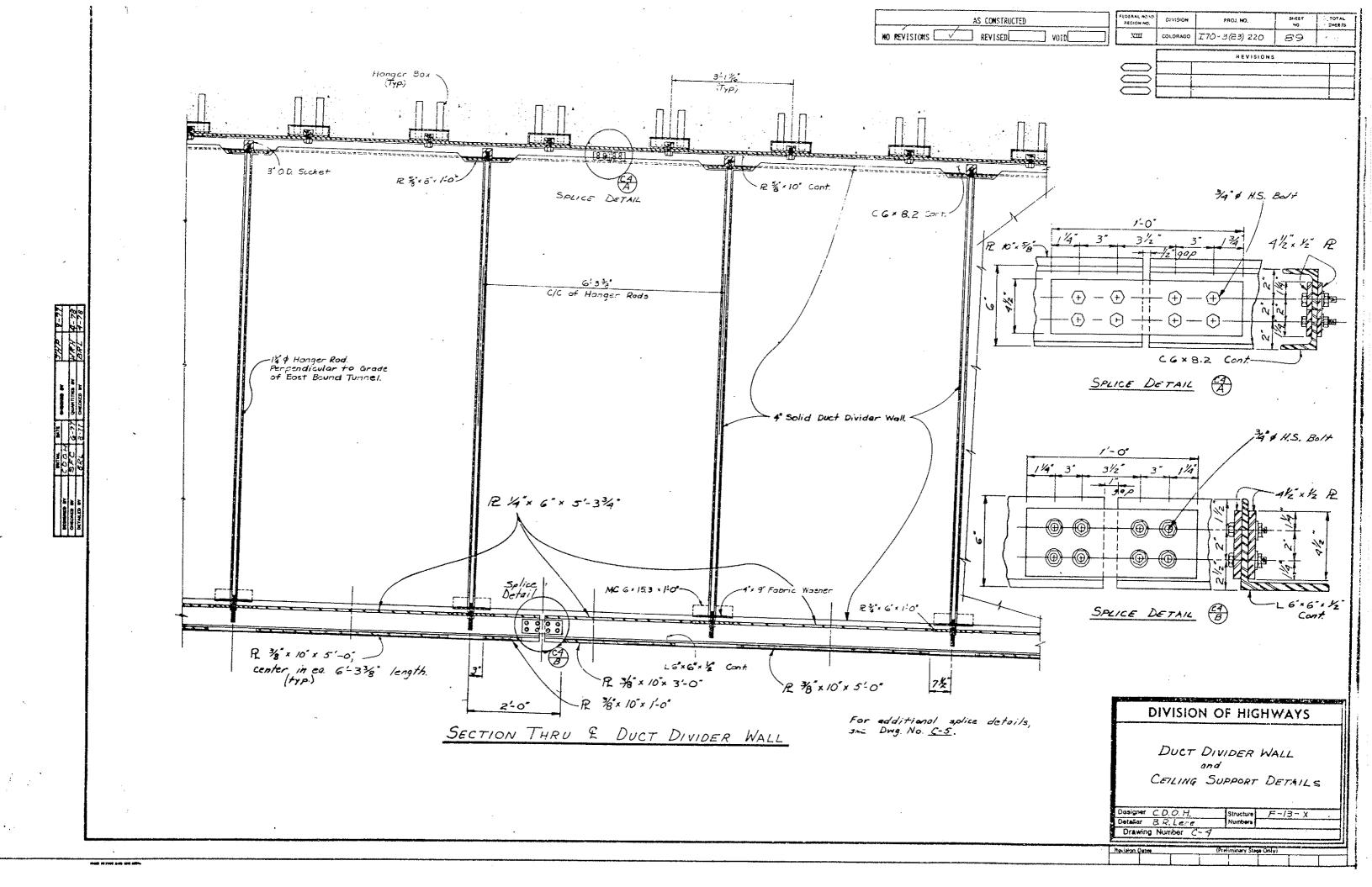


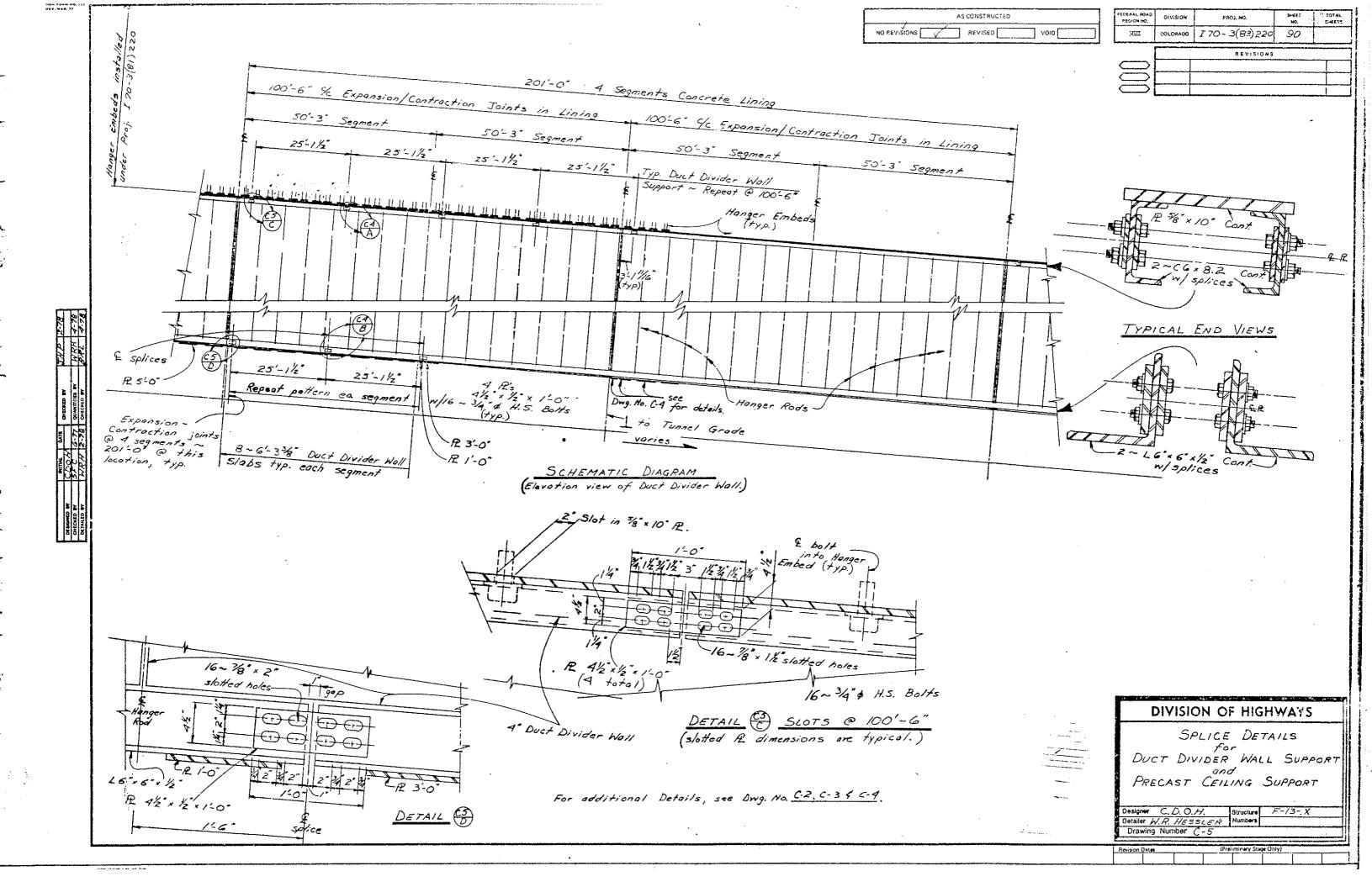


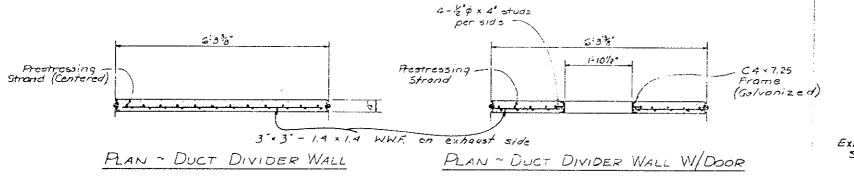
t y

<u></u>	AS CONSTRUCTED		MESON TO.	DIVIDON	PROJ. NO.	3441 30.	7015
NO REVISIONS V	REVISED[]	V010	XIII	COLORAGO	170-3(83)220	ිපි	<u></u>
					· REVISIONS		
					······································	······································	 -
			\subseteq				
					•		
					• .		
					,		
				-			
	•				•		
						-	
						:	
				o jump ramps to j	and the processing and the second		27° C 77
	· · · · · · · · · · · · · · · · · · ·			DIVISI	ON OF HIGH	WAYS)
					·····		
				Ell 1510	SUPPORT L)e	-
				174 C	. JUFFURI L	/ = 1 /4 /L	٠

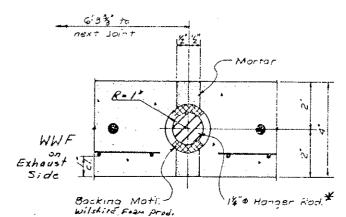
Detailor B.R. Lens
Drawing Number C-3







1



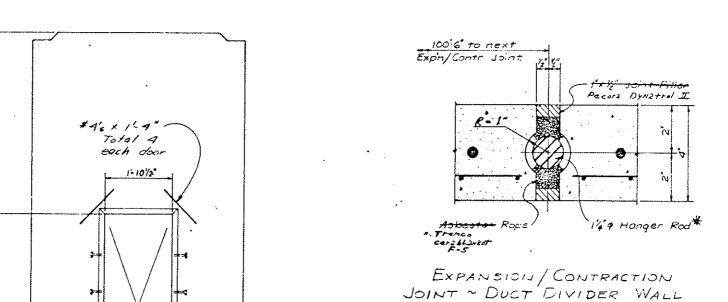
NO NEVISIONS

AS CONSTRUCTED

VOID(

REVISED

TYPICAL JOINT - DUCT DIVIDER WALL



HEIGHT OF DUCT DIVIDER MALL "L": STA. 37+80.4 (MEST YENT BLDG.) TO STA. 41+32.7 (END SEGEMENT SS) AND FROM STA. 120+21.9 (END SEGMENT ST62) TO STA. 123+74.6 (EAST WENT BLDGE)

To be verified in the field by the Contractor

ELEVATION - DUCT DIVIDER WALL

ELEVATION - DUCT DIVIDER WALL

WITH DOOR

For locations see Duct Divider Wall Door Details sht. no. C-32.

		Ç	SLAB	SCHE	DULE					7
5LAB	1,4	A	con ete	Fi	C;	اع عمر	Cr	Concrete	Strangti	싥
No.	(Fest)	(inc)	(10)	(KIPS)		(KIPS)		fci (PSI)	Fc (PSI)	1
Standard Slab	//- 3*	300	200	277	.67	207	.50	4000	4000	1
5/ab W/Door	//~3*	204	136	165	.66	124	.50	9000	4000	7
Slab in Trans Are	a A	300	200	338	.68	248	.50	4000	4700	1

PRESTRESSING NOTES

CUT ALL STRANDS FLUSH WITH THE SLAB ENDS UNLESS OTHERWISE NOTED.

170-3(83)220

REVISIONS

91

USE STRESS-RELIEVED STRANDS. f' = 270 KSI. ALTERNATE STRANDS ARE LOW-RELAXATION STRANDS MEETING THE REQUIREMENTS OF ASTM-A416-68 GRADE 270.

IF LOW-RELALATION STRANGS ARE USED, THE MET COMPRESSIVE STRESS IN THE CONCRETE AFTER ALL LOSSES SHALL BE AT LEAST AS LARGE AS THAT PROVIDED BY THE STRESS-RELIEVED STRANGS. ALSO THE ULTIMATE STRENGTH OF THE SLAB WITH THE LOW-RELALATION STRANGS SHALL MEET THE REQUIREMENTS OF THE APPLICABLE AASHTO SPECIFICATIONS.

INITIAL PRESTPESS FORCE:

 \mathbf{x}

THE JACKING FORCE PER SLAB INCLUDING ALL LOSSES F1 = ____SL____Xf'; x X4

FINAL PRESTRESS FORCE:

THE FORCE REMAINING PER SLAB AFTER ALL LOSSES

Fr " C+ Xf's X A'

AT - APEA OF PRESTRESSING STEEL

F . . ULTIMATE STRENGTH OF PRESTRESSING STEEL

CONCRETE STRENGTH:

CI - IS AT TIME OF ARLEASE OF PRESTRESS FORCE.

1' - IS AT 28 DAYS

CLEARANCE:

THE MINIMUM DISTANCE BETWEEN GROUPS OR INDIVIDUAL STRANDS IS 1-3/4" (MEASURED BETWEEN CENTERS OF ADJACENT STRANDS).

DESIGH ASSIMES

AREA OF 6"-3 3/8" NIDE SCAB * A
SEC. HOD. * * S

THE RESULTANT PRESTRESSING FORCE SHALL BE CENTERED ACROSS THE MIDTH OF THE BLAB.

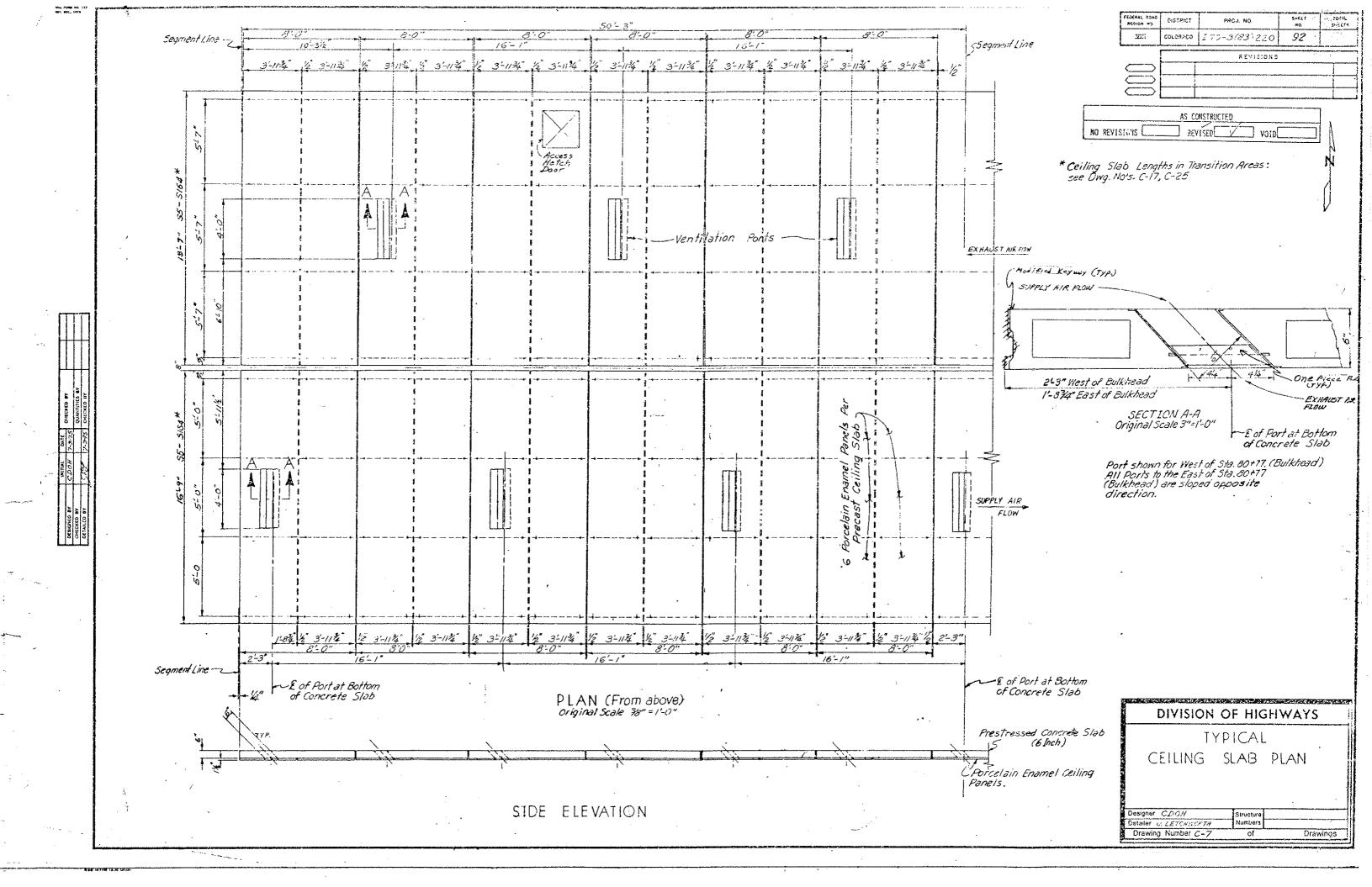
1-1/2" # FROM STA. 37+80.4 TO STA. 41+32.7 AND FROM STA. 120+21.9 TO STA. 123+74.6

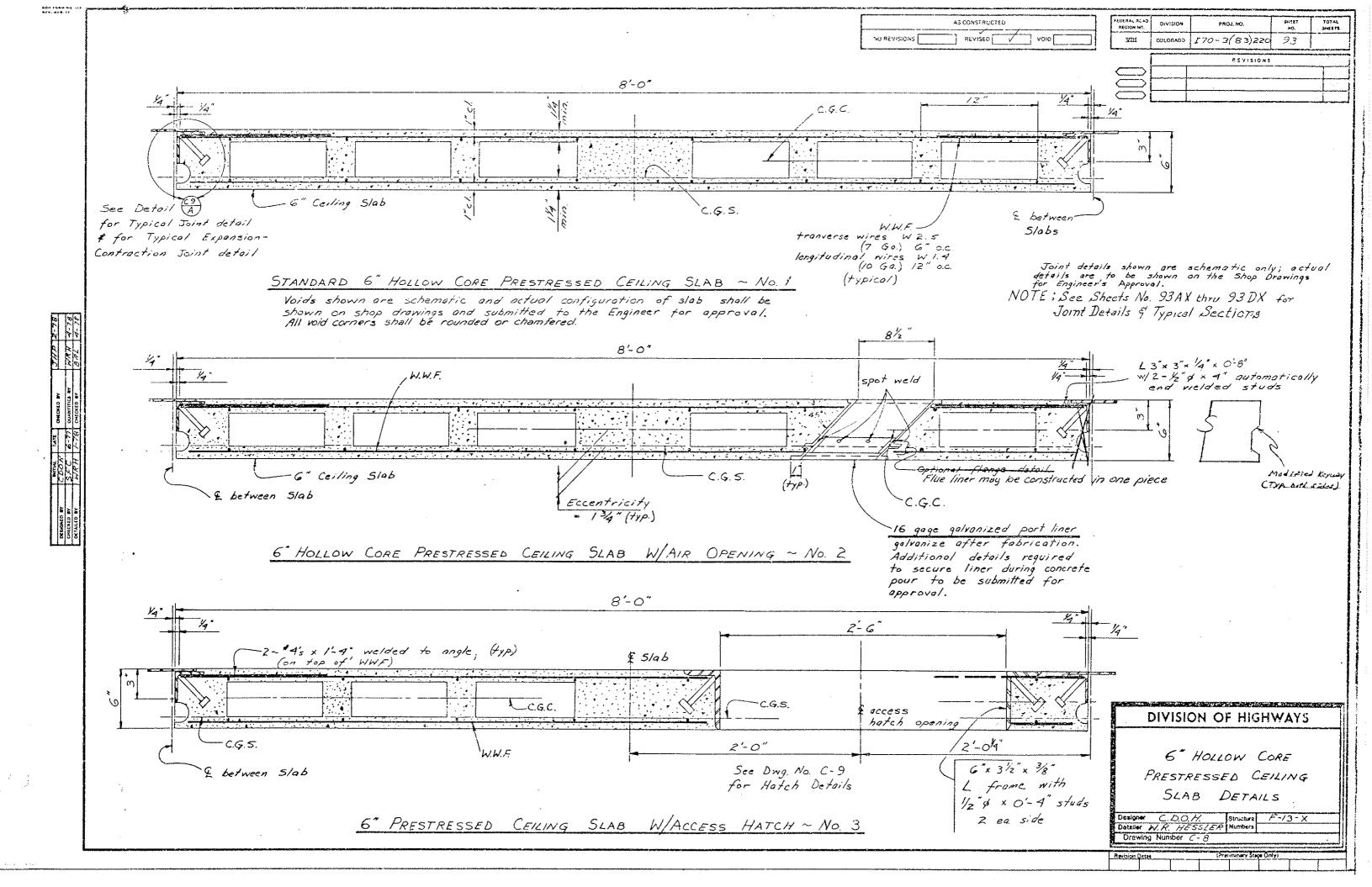
SLAB SMALL BE STEEL-TRONEL FINISHED. CONTRACTOR SHALL MARK ALL EDWARDT - SIDE OF SLAB WITH A WELL-RECOGNIZABLE INDENTATION.

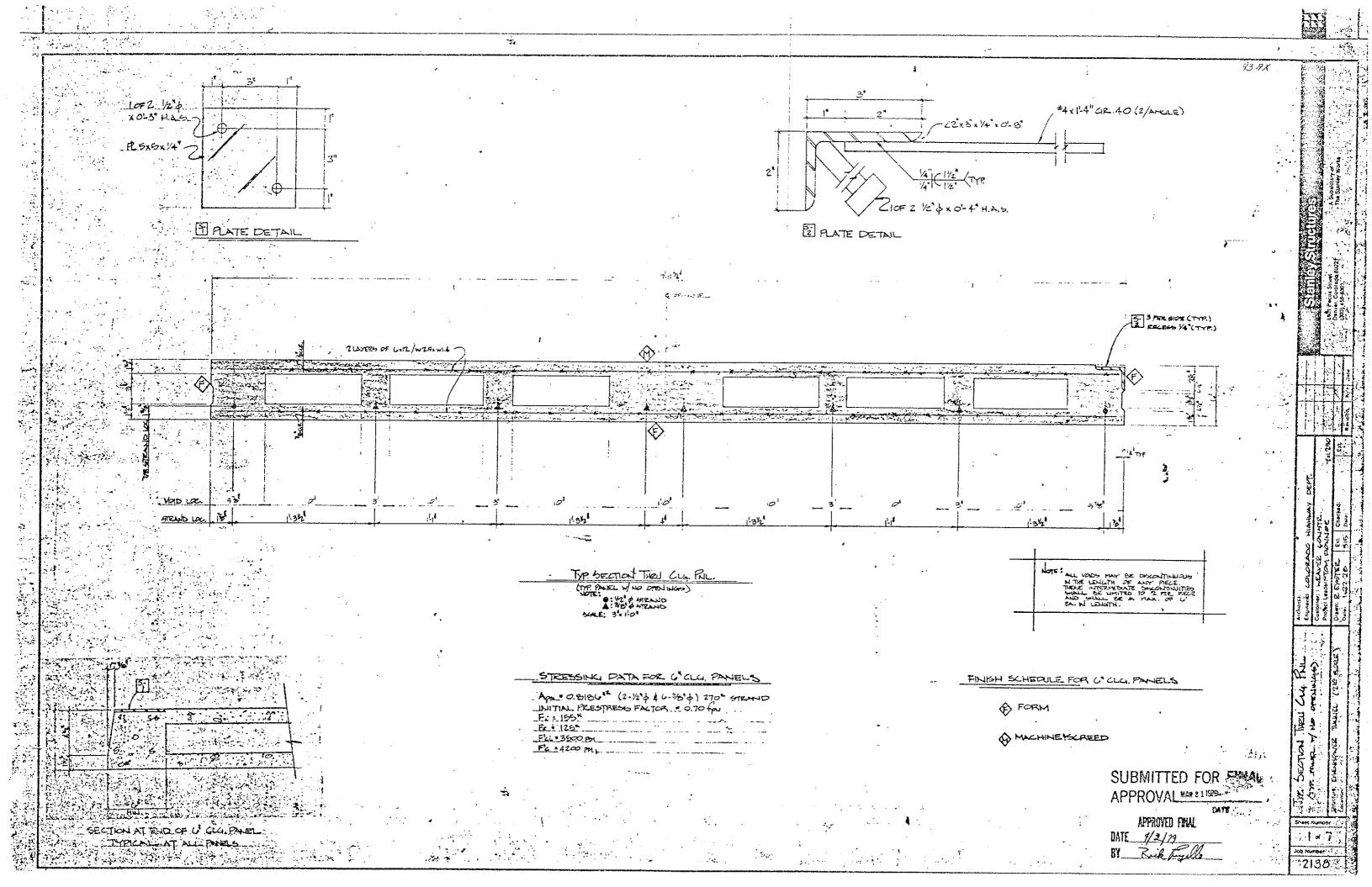
DIVISION OF HIGHWAYS

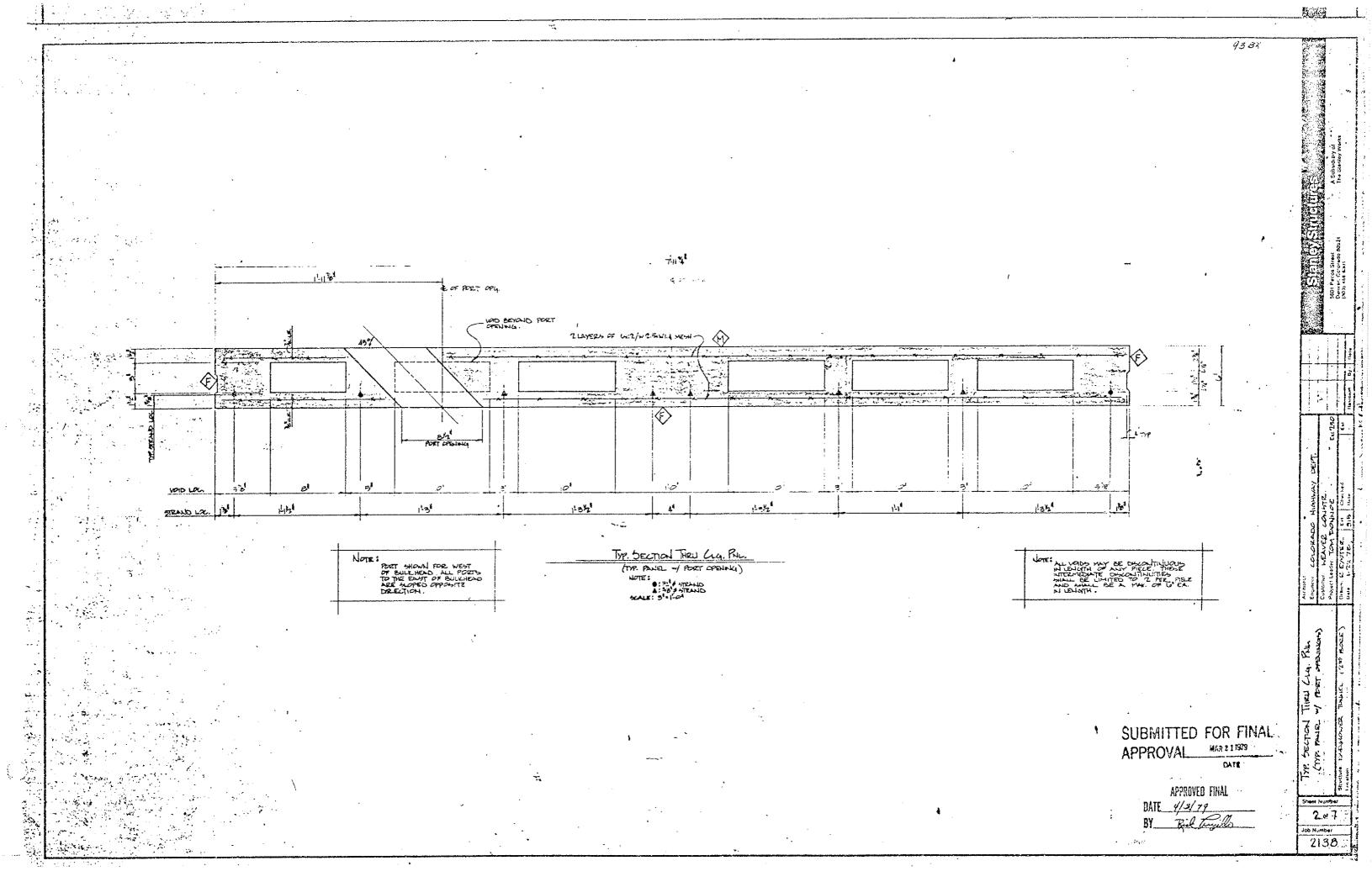
4" SOLID PRESTRESSED DUCT DIVIDER WALL DETAILS

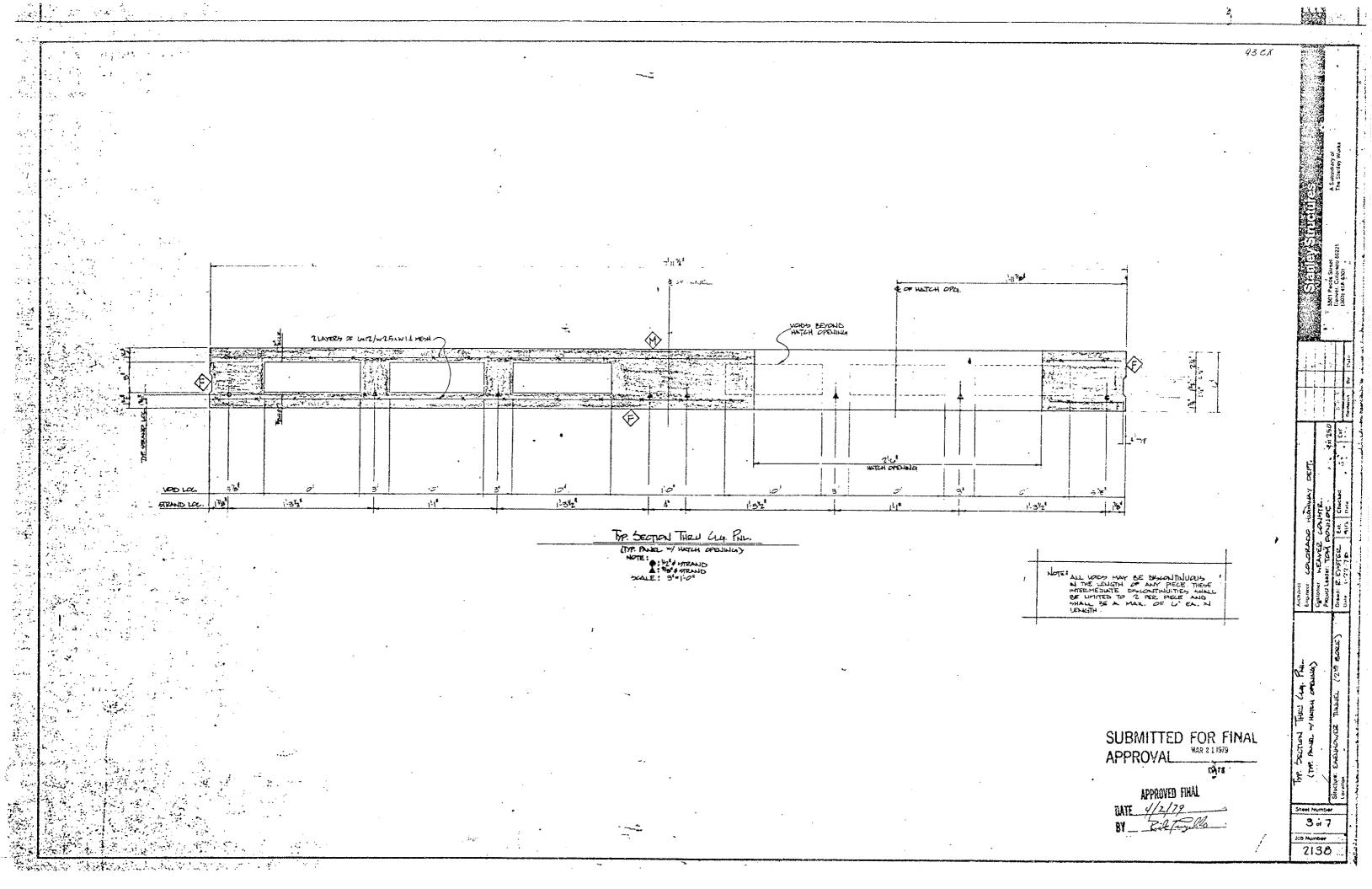
Designer CDOH.
Dotailer BR_c-e F-13-X Drawing Number C-6

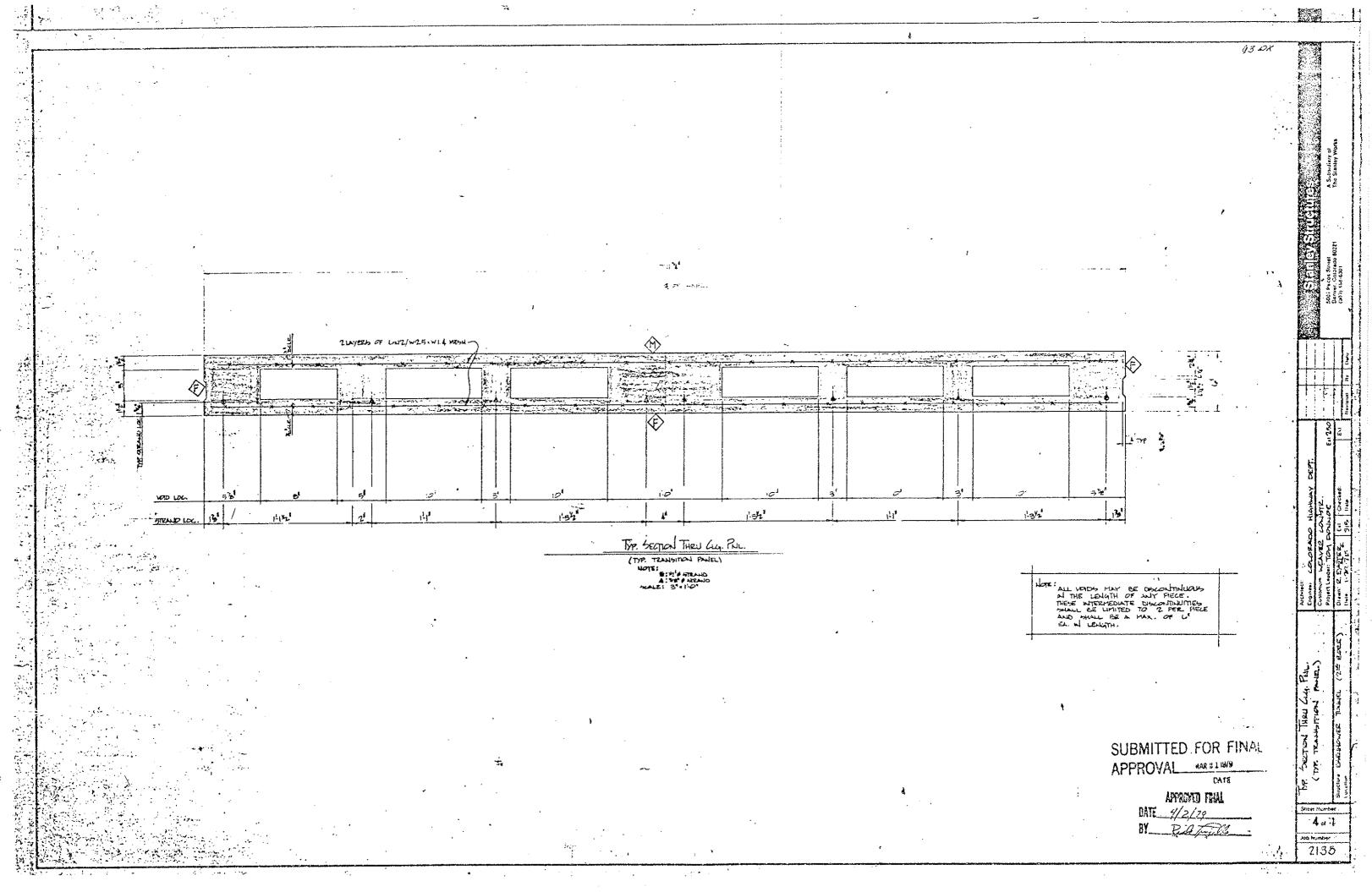


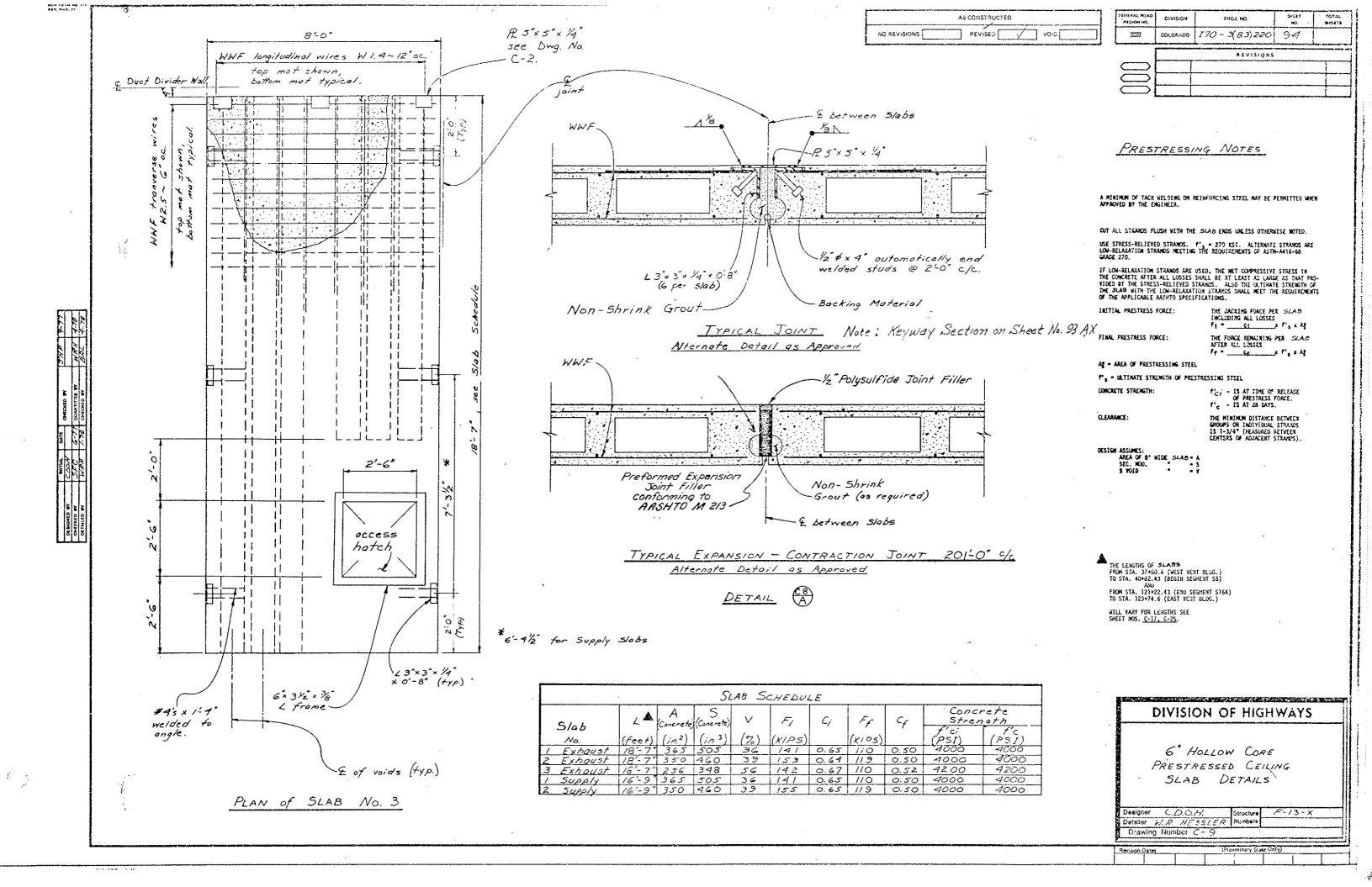


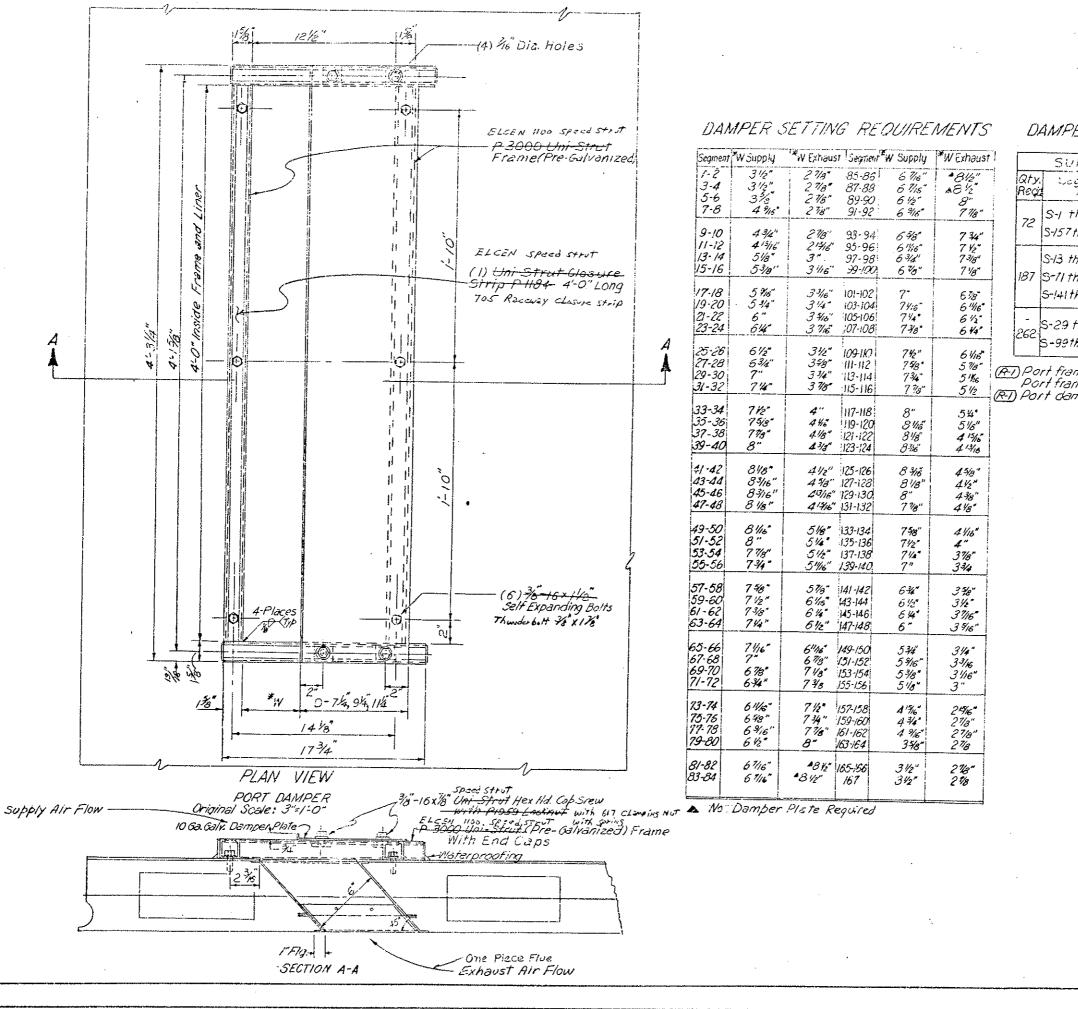












TECHNAL MOAD DIVISION PROJ. NO. LAKET TOTAL MODELLE MO

DAMPER WIDTH REQUIREMENTS

SUPPLY			EXHAUST		
Qty. Reça		Damper Nidth-D	Qty. Regio	Segment No.	Damper Width-D
72	S-1 thry S-12 S-157thry S-167	11/4"	141	S-1 thru S-48 S-121thru S-167	114"
187	S-13 thru S-28 S-71 thru S-98 S-141 thru S-156	94	112	S-49 thru S-66 S-103 thru S-120	94"
160	S-29 thru S-70 S-99thru S-140	7/4"	91	S-67 thruS-102	74"

Note: Uni Strut or approved equal

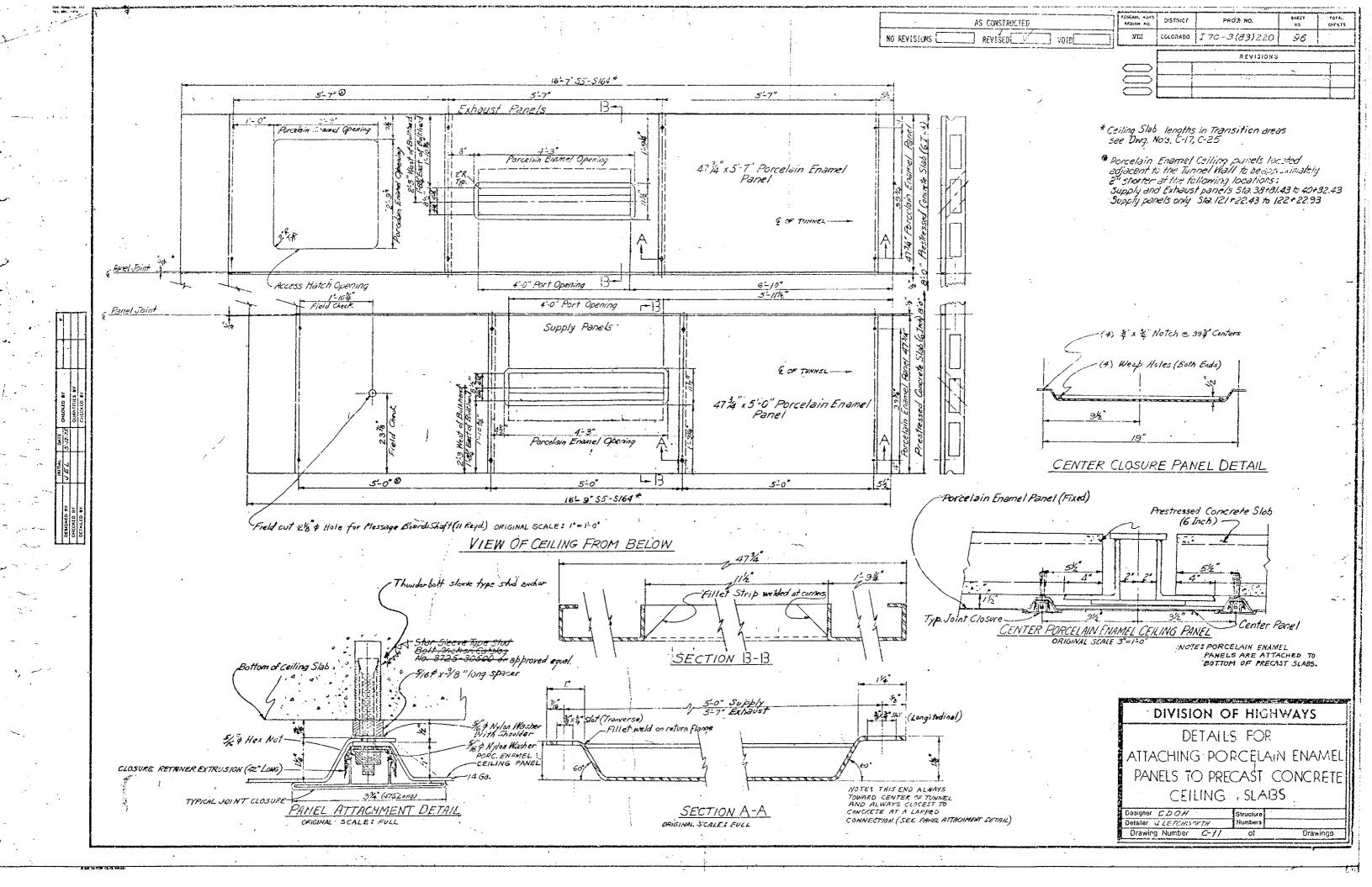
DIVISION OF HIGHWAYS

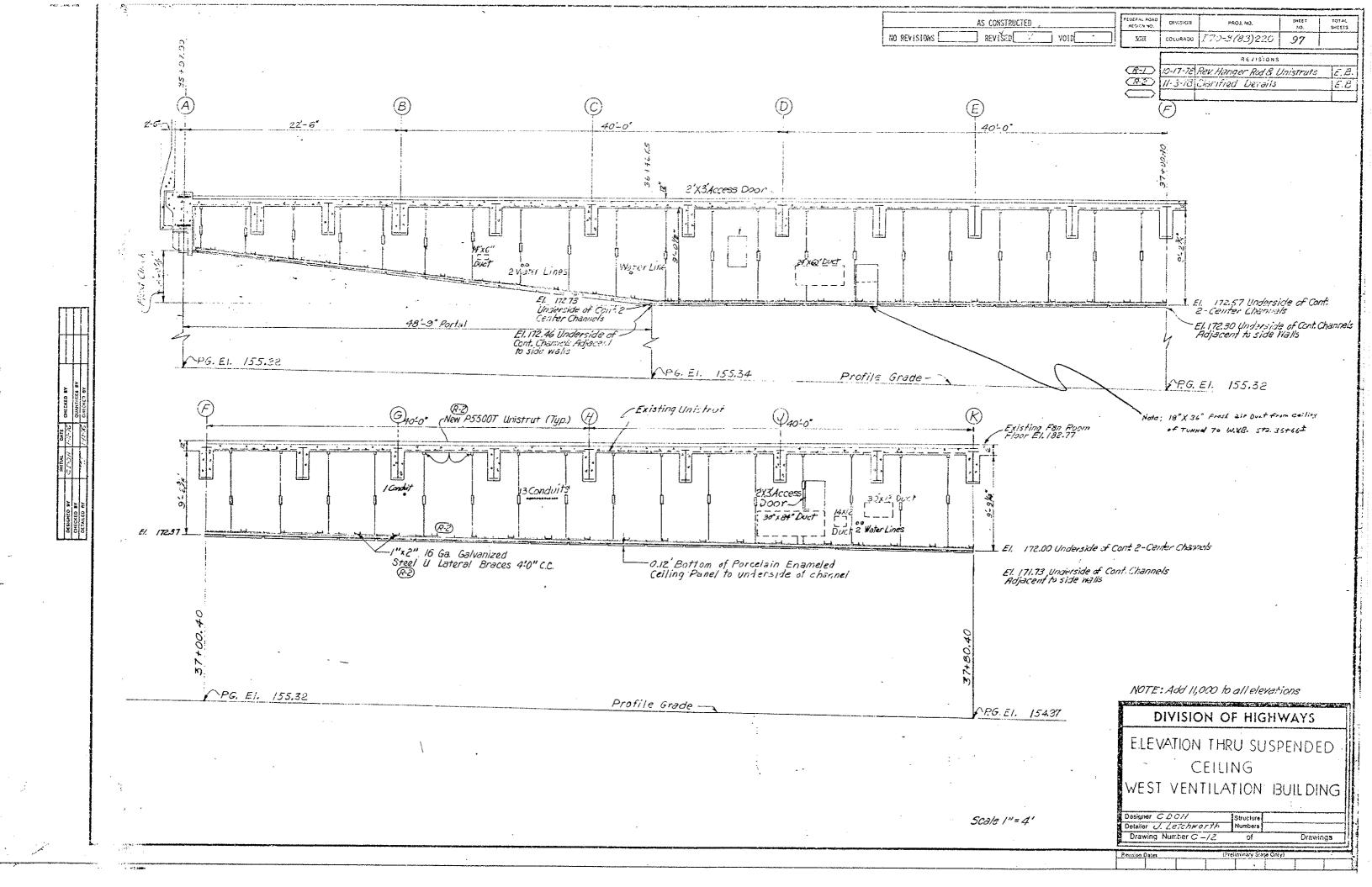
PORT DAMPER

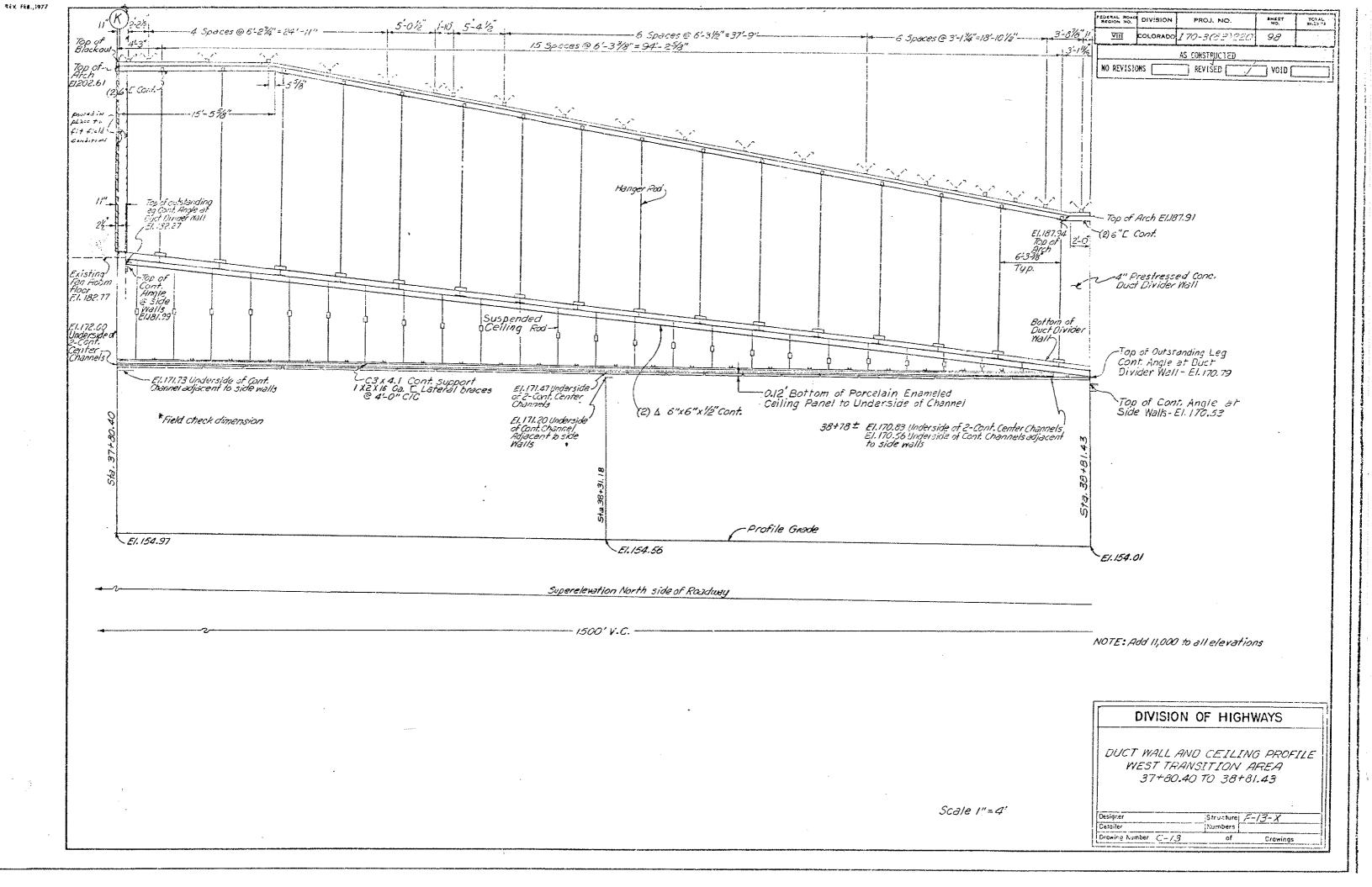
ASSEMBLY DETAILS

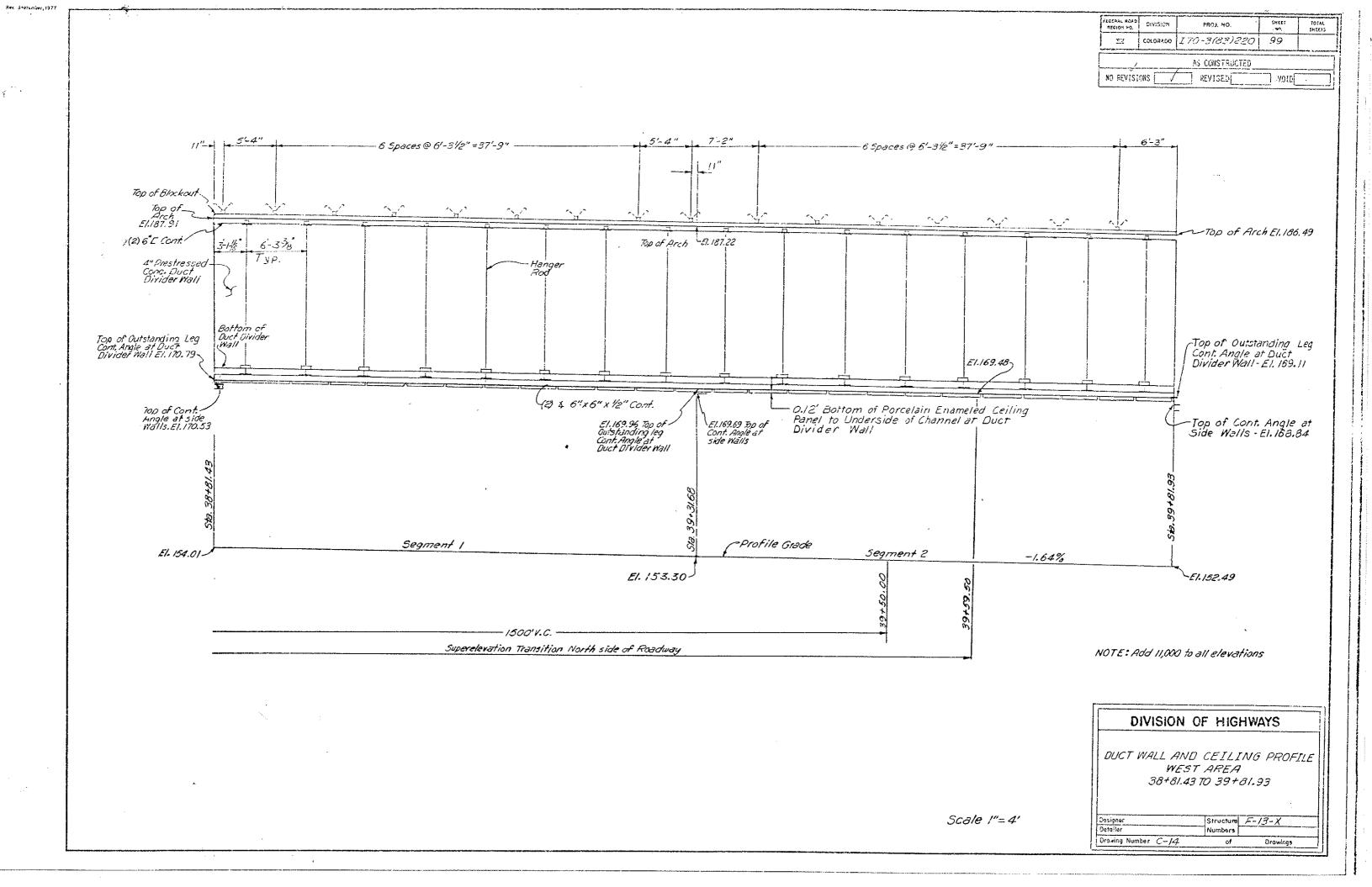
Designer Structure Numbers

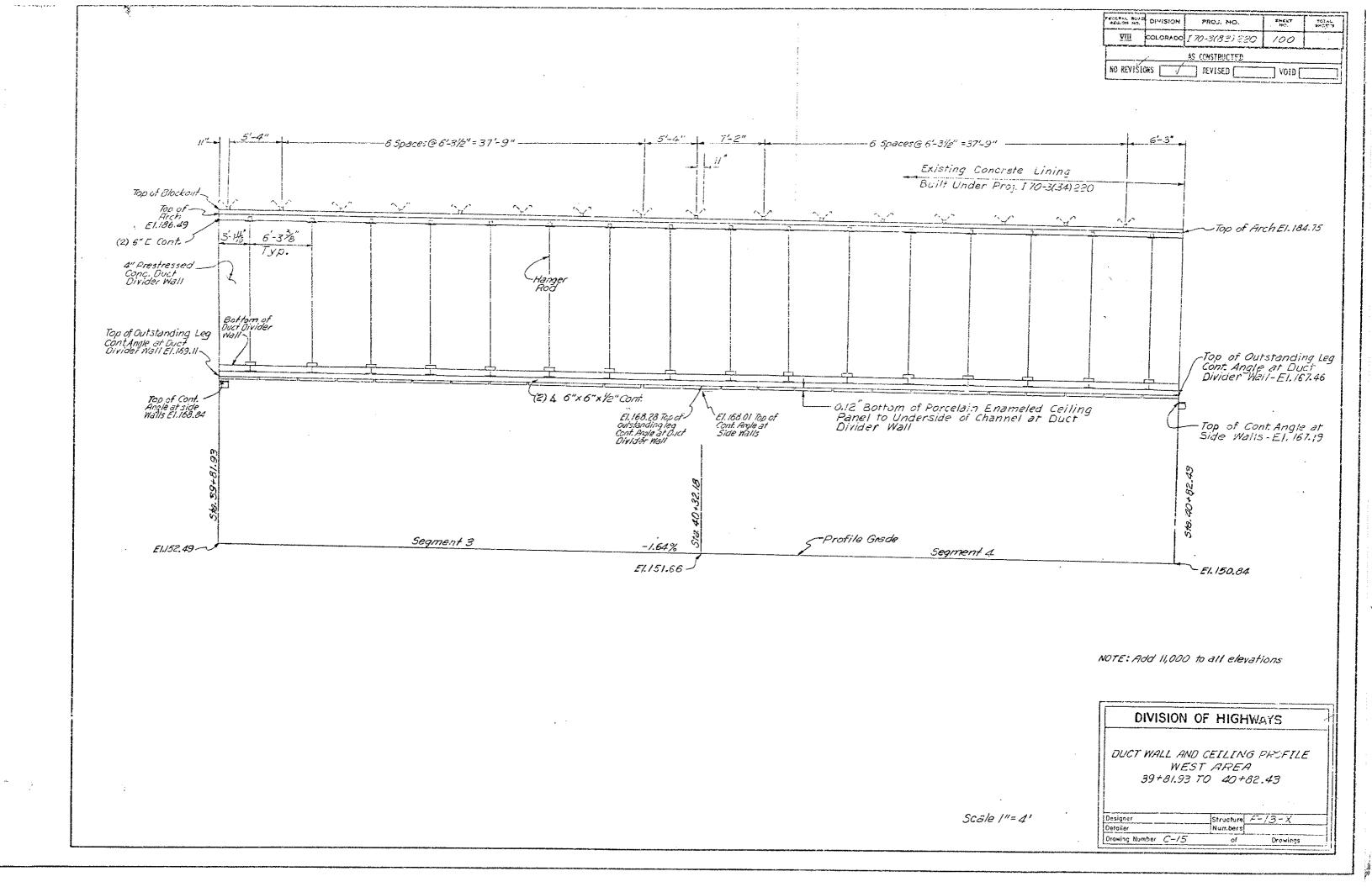
Drawing Number C-10 of Drawings

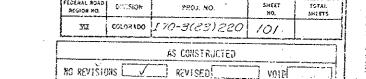


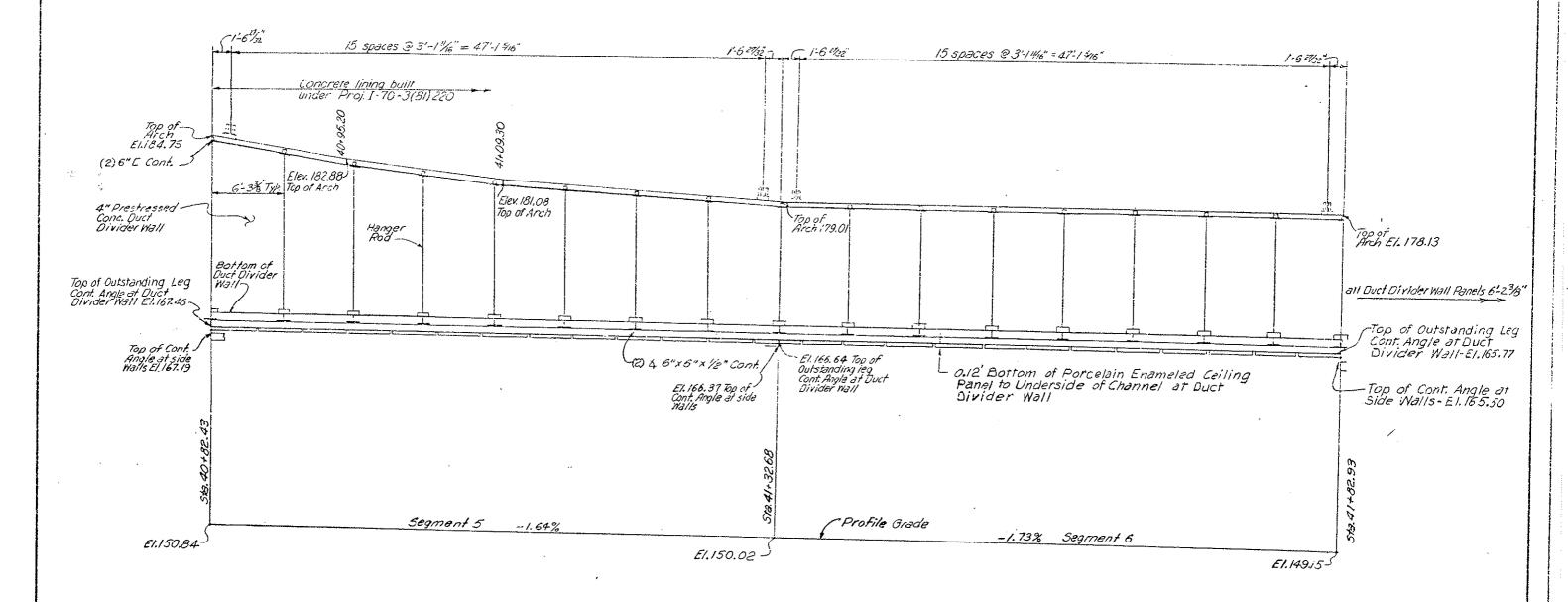










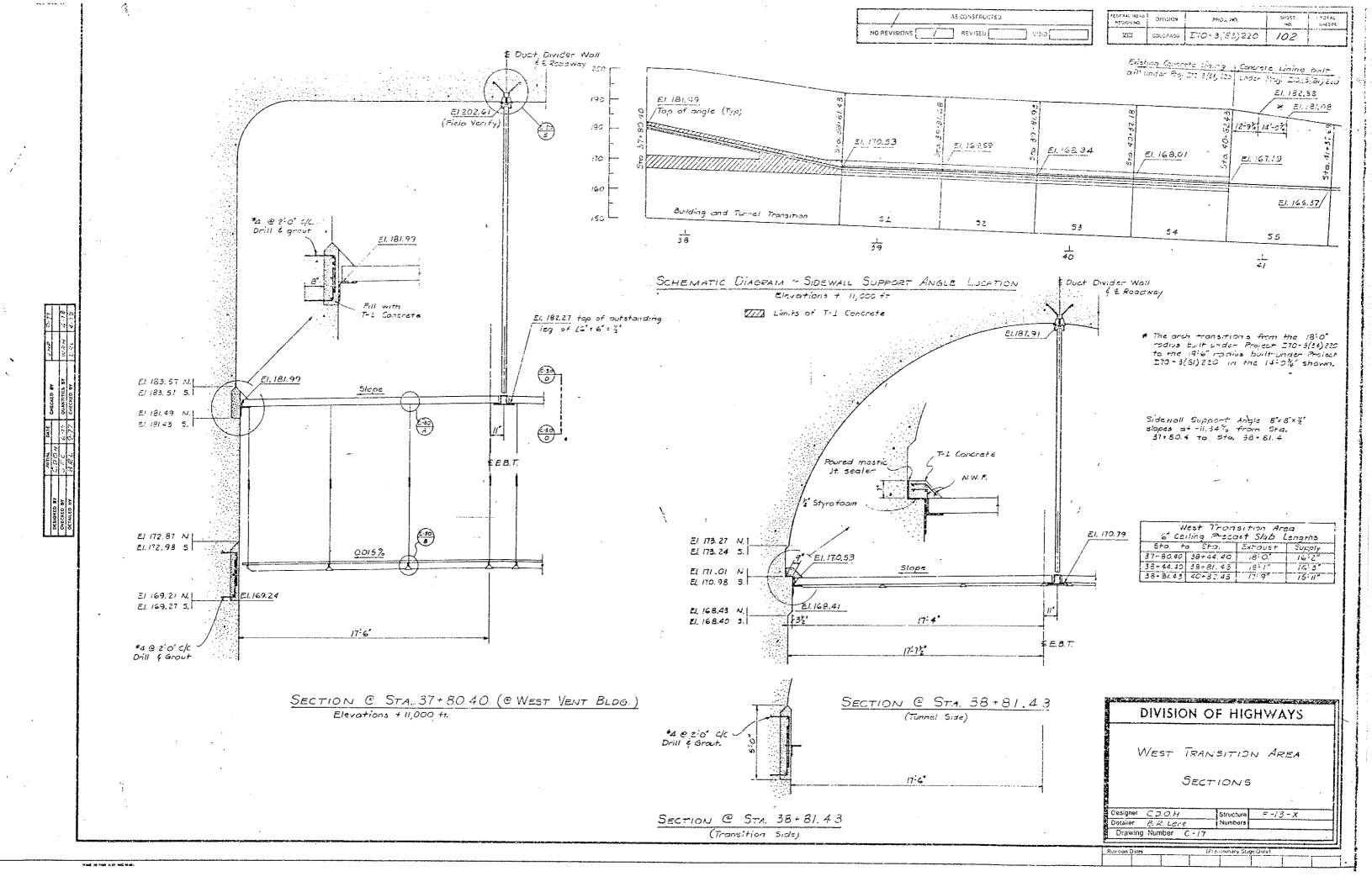


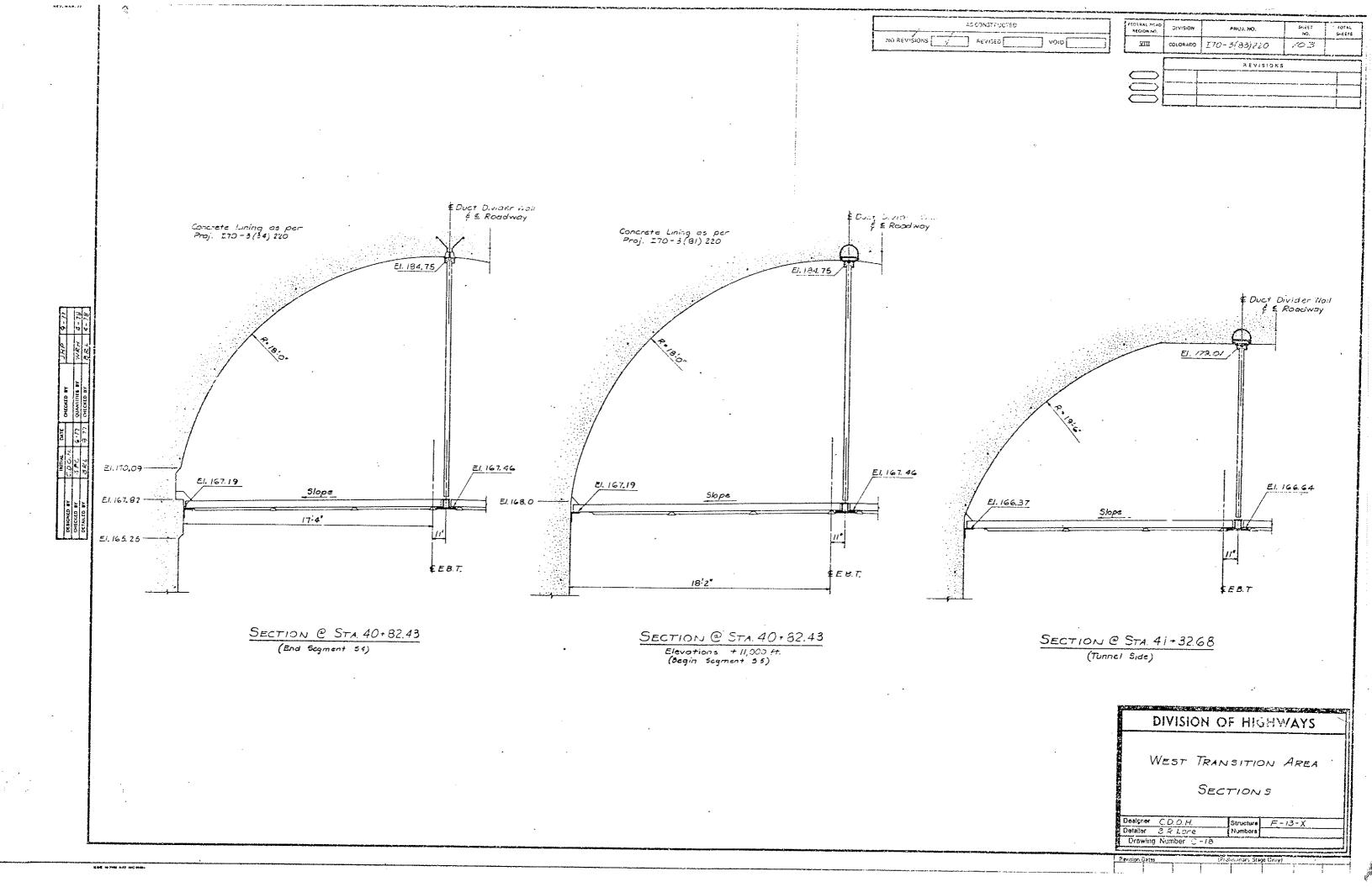
75

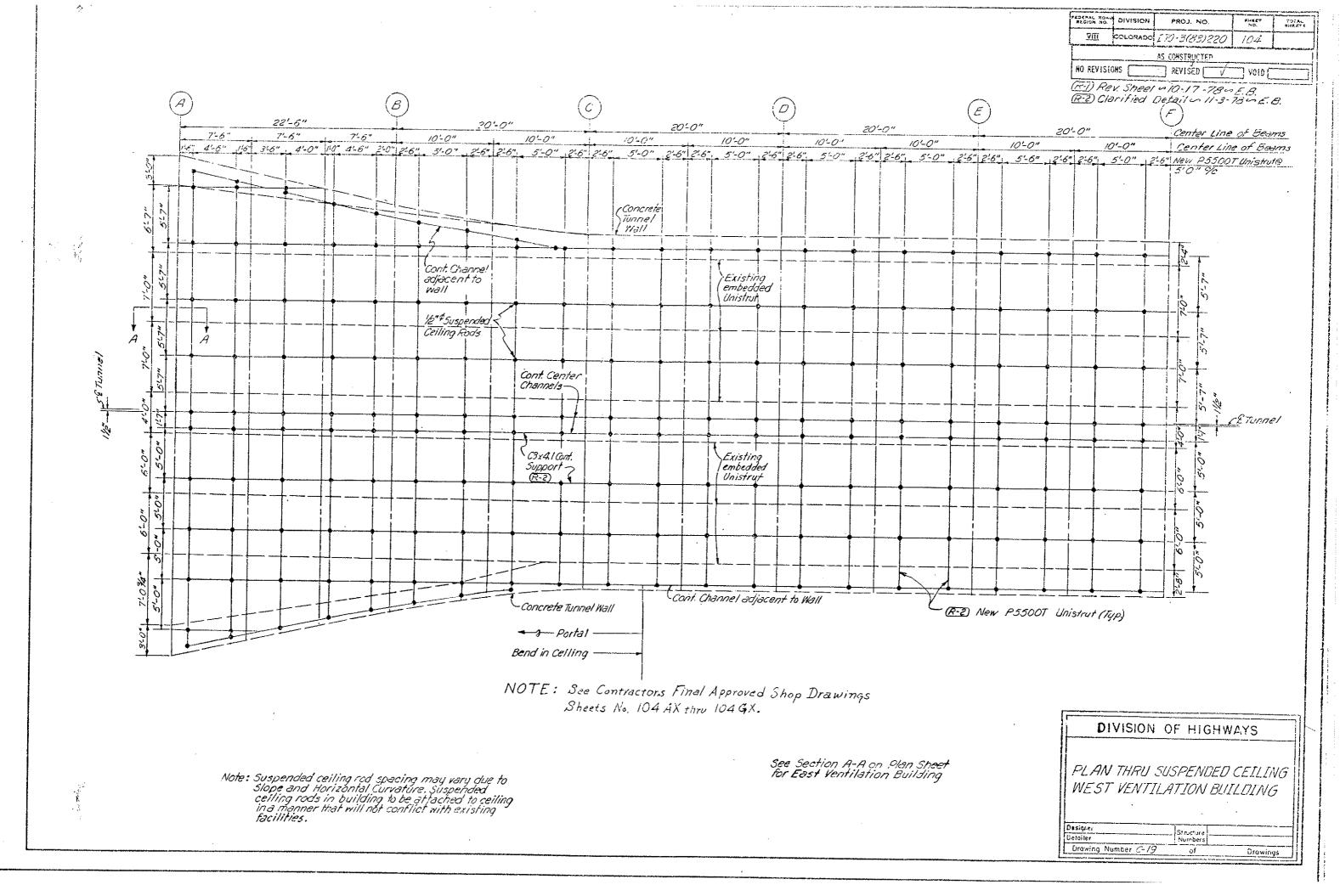
NOTE. Add 11,000 to all elevations

DIVISION	OF HIGH	WAYS
DUCT WALL AN WEST TRAN 40+82.43	SITION.	AREA
Designer	Structure	F-13-X
Oetqilar	Numbers	
Drawing Number C-16	of	Drawings

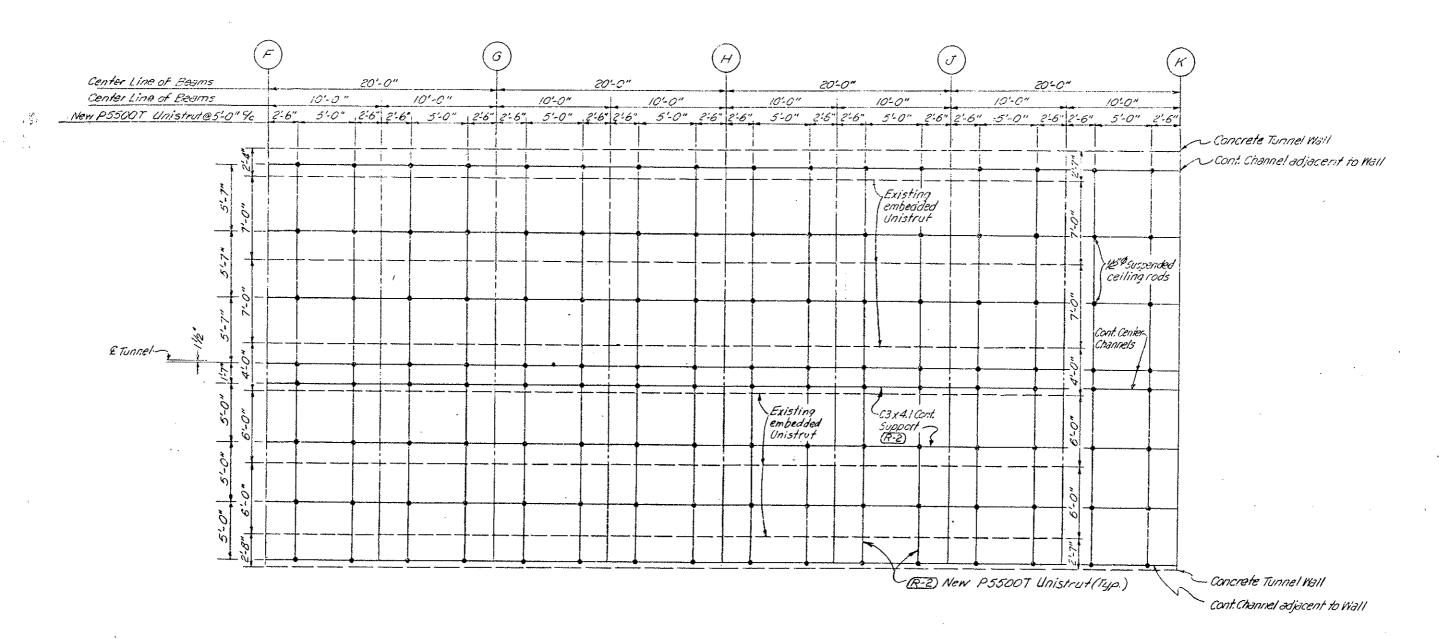
Scale |"= 4"







#2917AL 7040 #2910H 50.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL PTARKE
VIII	COLORADO	170-3(83)220	104X	
		AS CONSTRUCTED		
NO REVISION	NS	REVISED		
(R-1) Ad	ded Sh	Detail - 11-3	78-E.	3.



NOTE: See Contractors Final Approved Shop Drawings Sheets No. 104BX thru 104 9x.

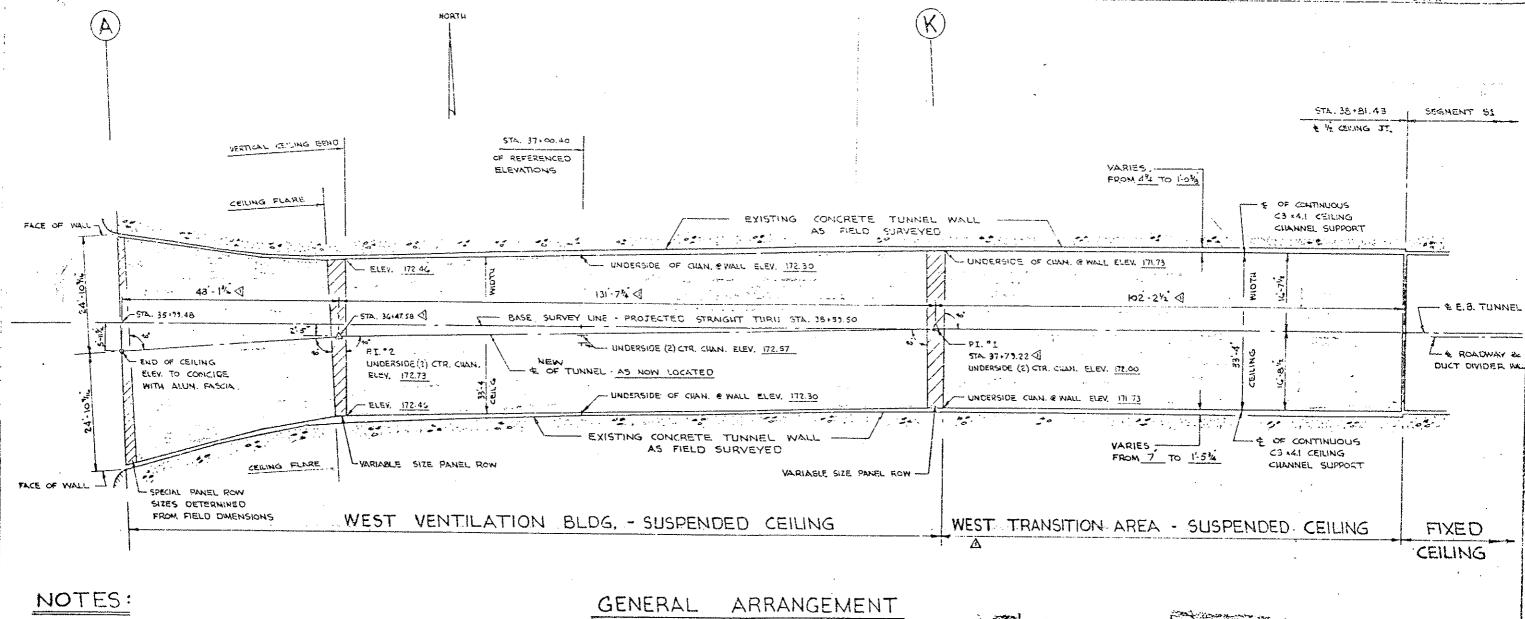
DIVISION	OF	HIGHWAYS
	····	

PLAN THRU SUSPENDED CEILING WEST VENTILATION BUILDING

esigner etailer

Drawing Number C-/9X of Drawings

\$



- I. CEILING PANELS
- 2. SOUND DEADENING
- 3. C3 x4.1 CHANNEL & K. GA LATERAL BRACING
- 4. THREADED HANGER RODS
- 5. NUTS, BOLTS, & WASHERS
- 6. NEW SPEED STRUT
- 7. EXTRUDED ALUMINUM RETAINER & COVER
- 8. FIELD TOUCH-UP

- SAME AS PREVIOUSLY APPROVED FOR FIXED CEILING.
- . SHOP APPLIED TO BACK OF CEILING PANELS (SUSPENDED)
- CONFORM TO ASTM A-36, GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A- 123
- CONFORM TO ASTM A-3C, CADMIUM PLATED IN
- ACCORDANCE WITH ASTM A-165
- CONFORM TO ASTM A-307 GRADE A, CADMIUM PLATED IN ACCORDANCE WITH ASTM A-165.
- · FURNISHED IN STOCK LENGTHS ELECTRO GALVANIZED
- SAME AS PREVIOUSLY APPROVED FOR FIXED CEILING,
- ALL MATERIALS CUT TO SIZE IN THE FIELD MUST BE COATED WITH A ZINC-RICH APPROVED PAINT, SPEC. MIL - P21035.

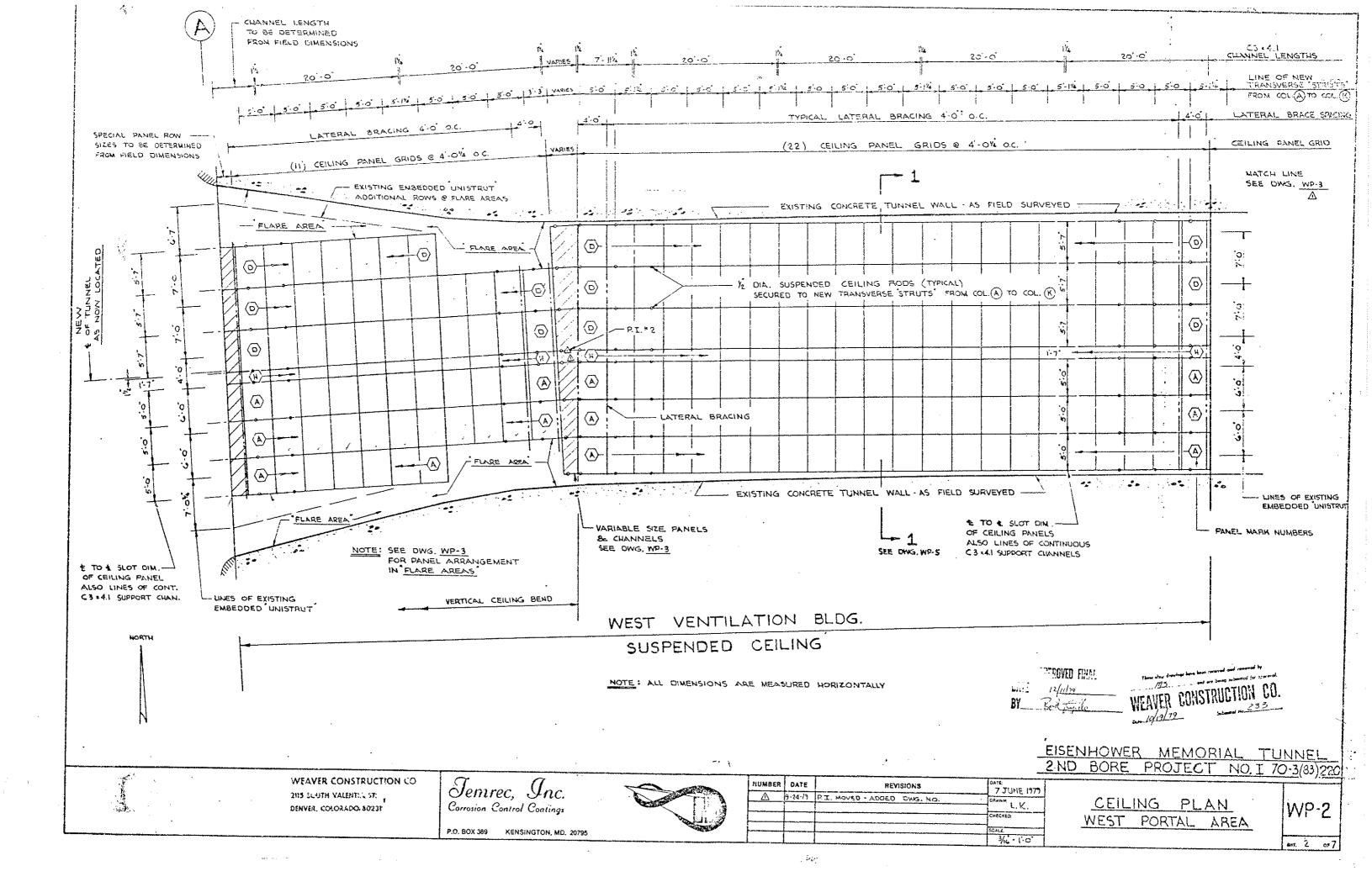
-UNE OF STO. RECTANGULAR NOTE: ALL DIMENSIONS ARE MEASURED HORIZONTALLY 1.4875 CEILING PANELS Commence of the commence of th TO PI'2 and the same of th Control of the same of - E EB TUNNEL - LINE OF STO, RECTANGULAR CEILING PANELS Rix -VARIABLE PANELS RI.1 Selection ... The winds of the service CRID THE PANELS LINE OF STD. RECTGLAR CELLING PANELS -P.I. LAYOUTS EISENHOWER MEMORIAL TUNNEL Δ 2ND. BORE PROJECT NO. 1 70-3(83)220

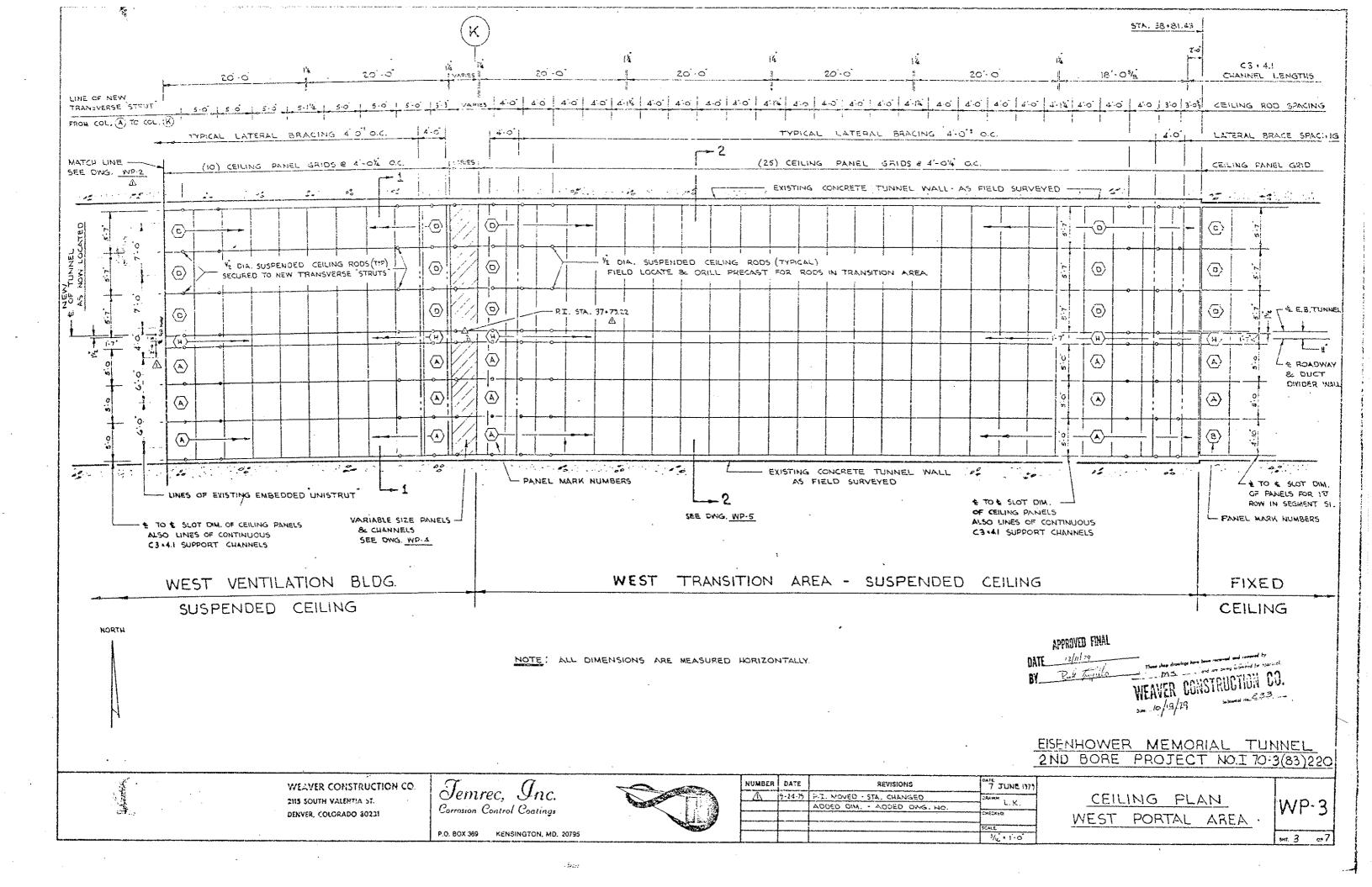
WEAVER CONSTRUCTION CO 2115 SOUTH VALENTIA ST. DENVER, COLORADO 30231

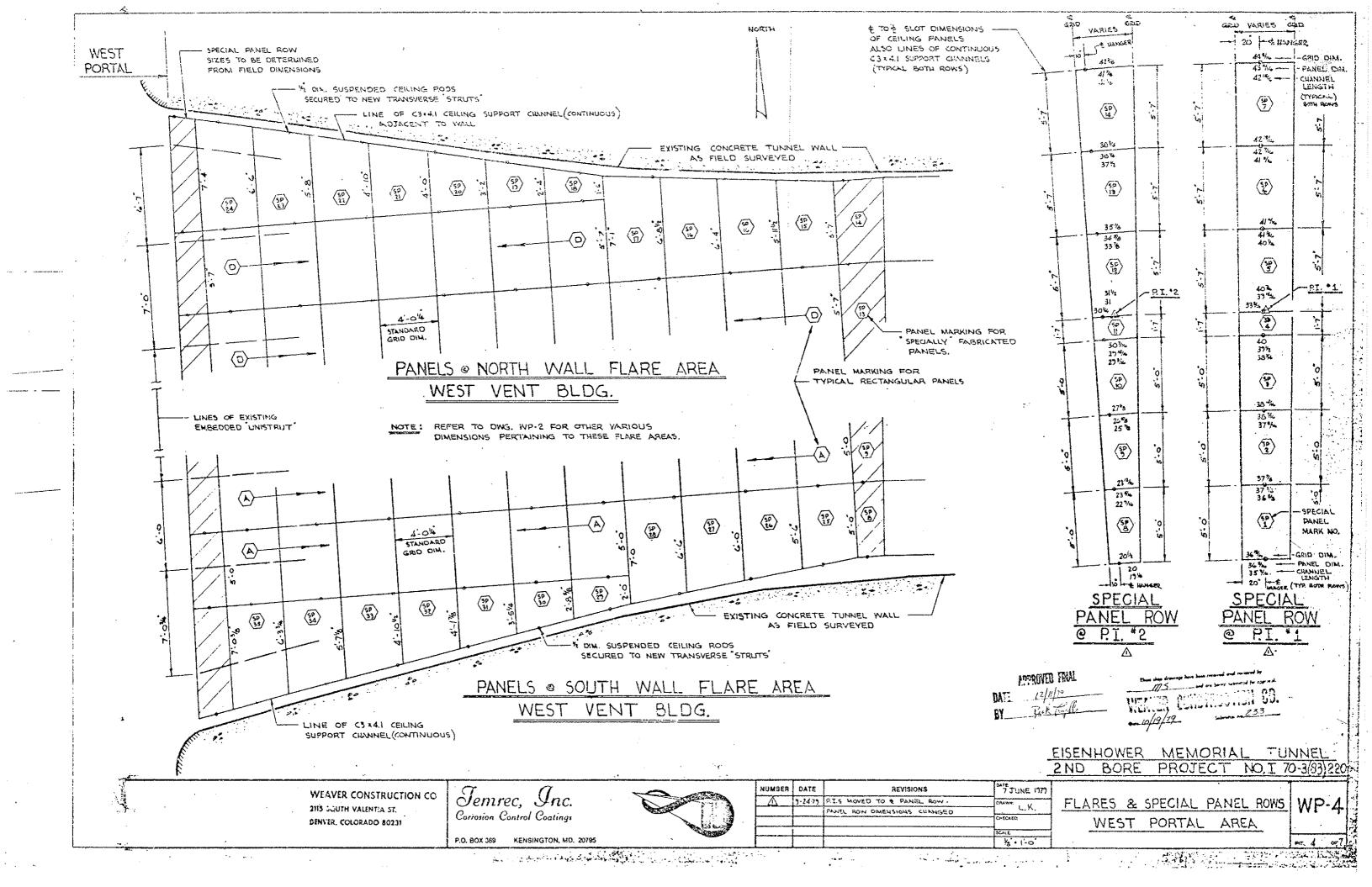
Temrec, Ync. Corrosion Control Coalings P.O. BOX 389 KENSINGTON, MD. 20798 MUMBER DATE PEVISIONS 7 JUNE 1979 9-14-77 RT. STA. MOVED - HORZ. DIM. CHANGED DRIWH L.K. NOTE CHANGED . ADD P.I. LAYOUTS. 1' = 10'-

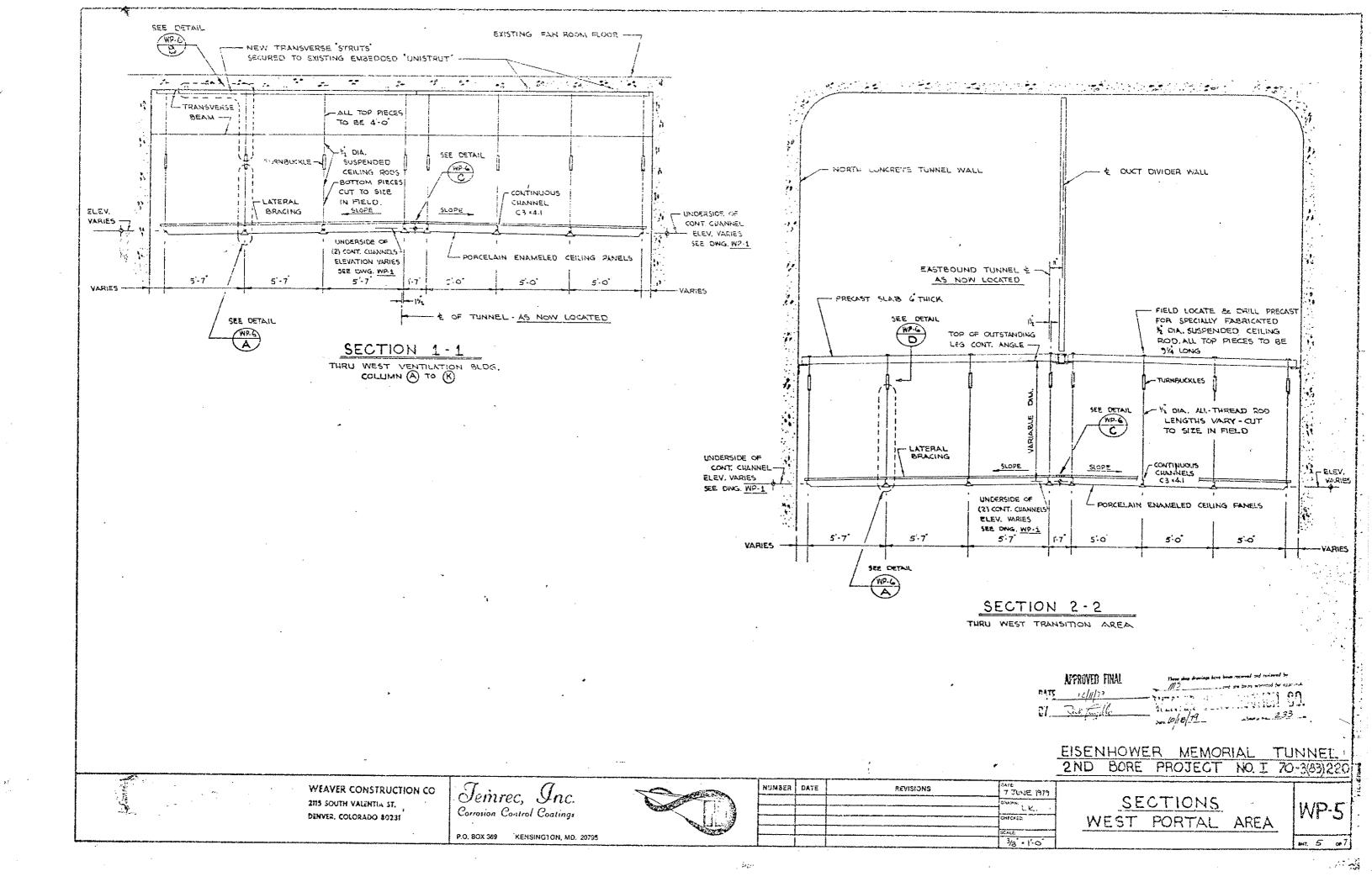
SUSPENDED CEILING WEST PORTAL AREA

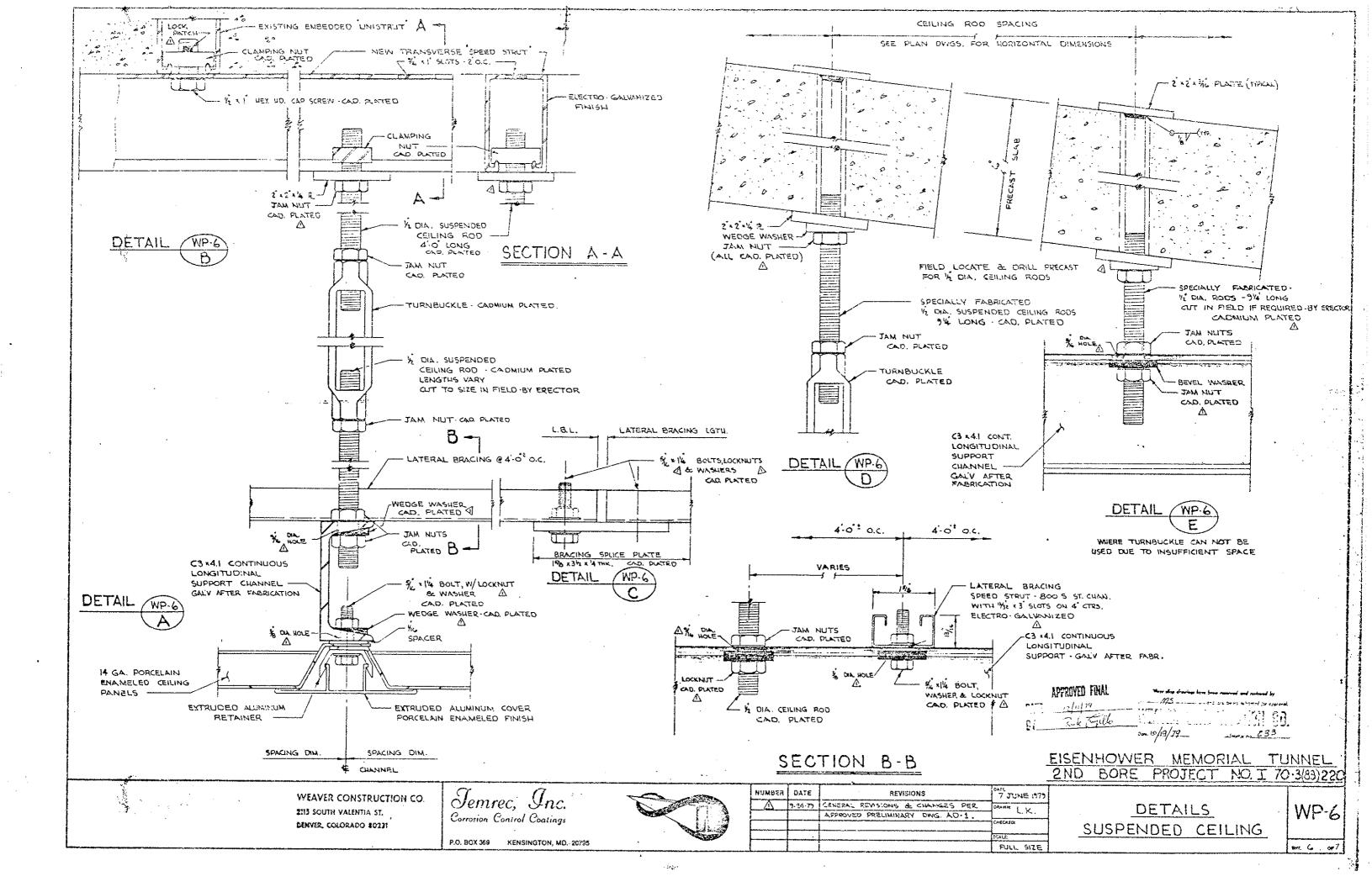
WP-1 ент. 🛕

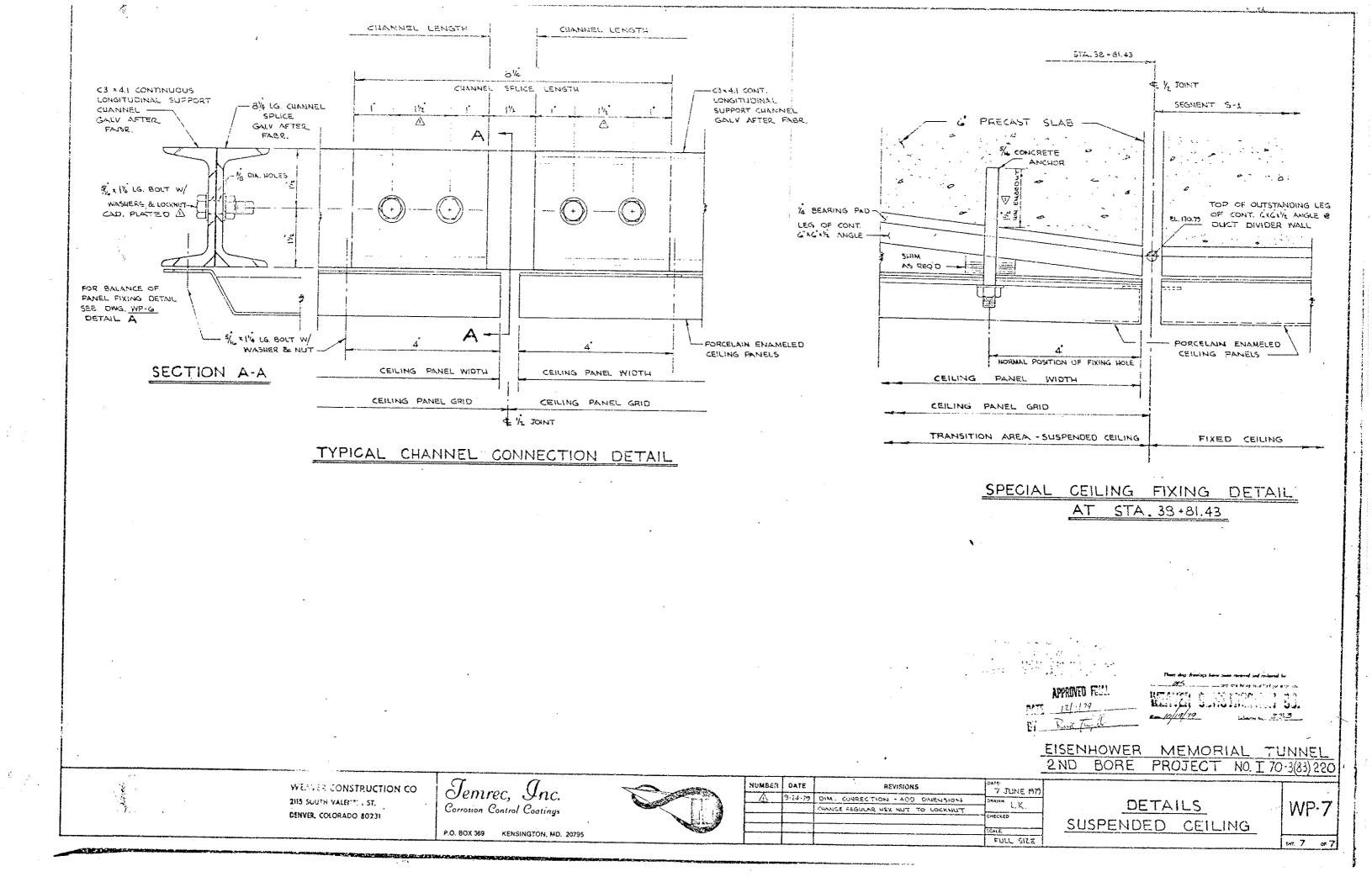


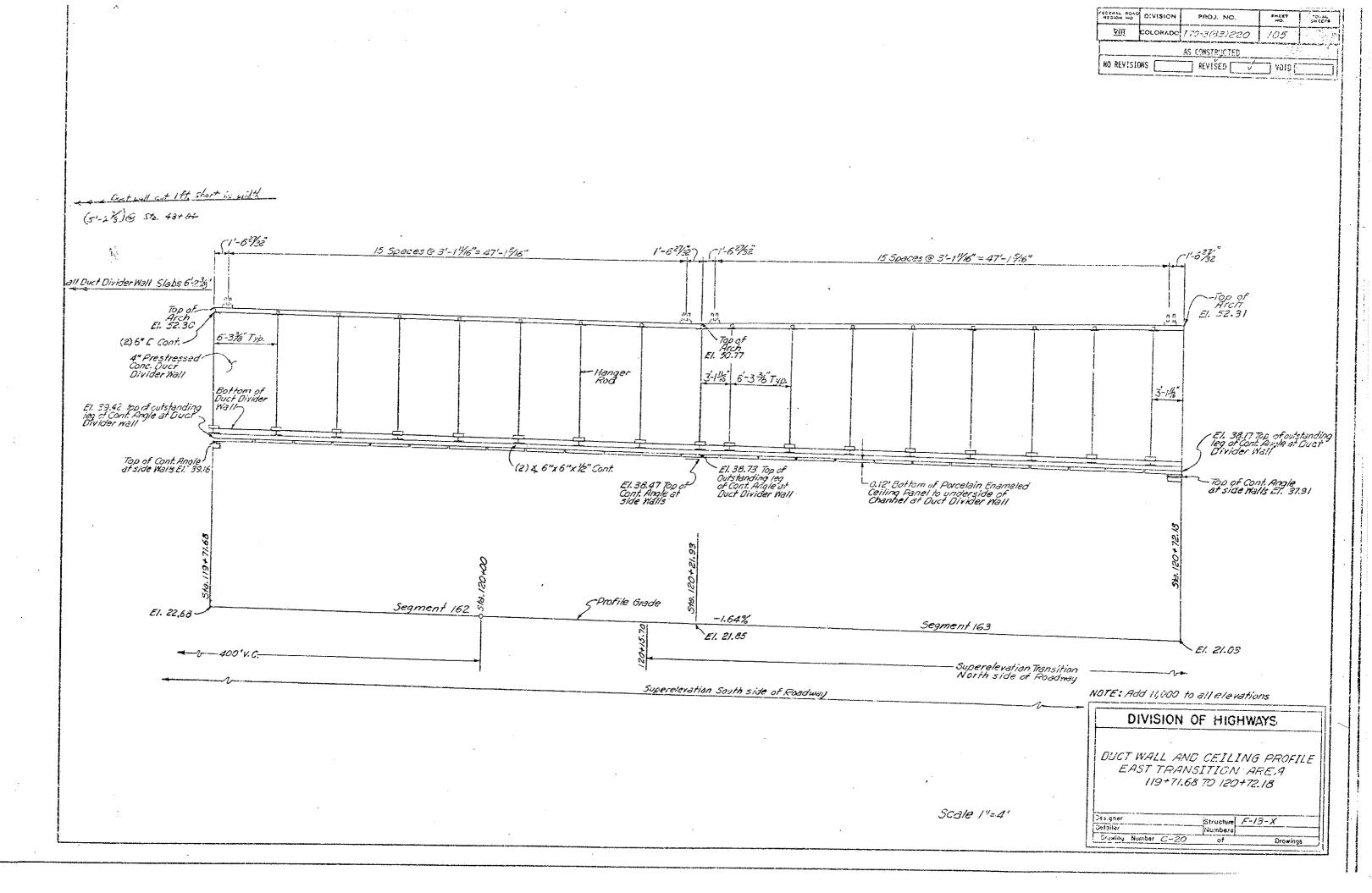


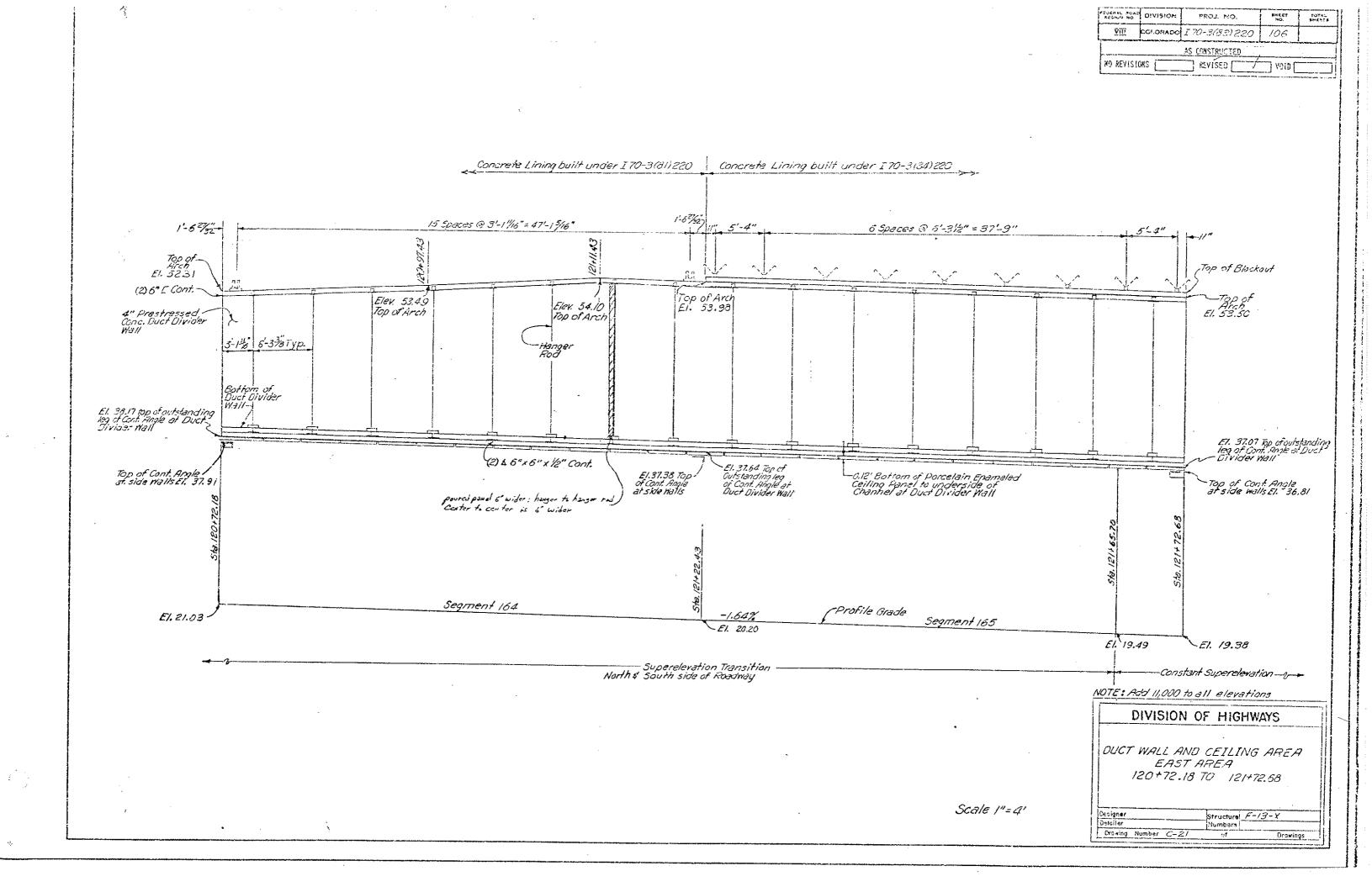


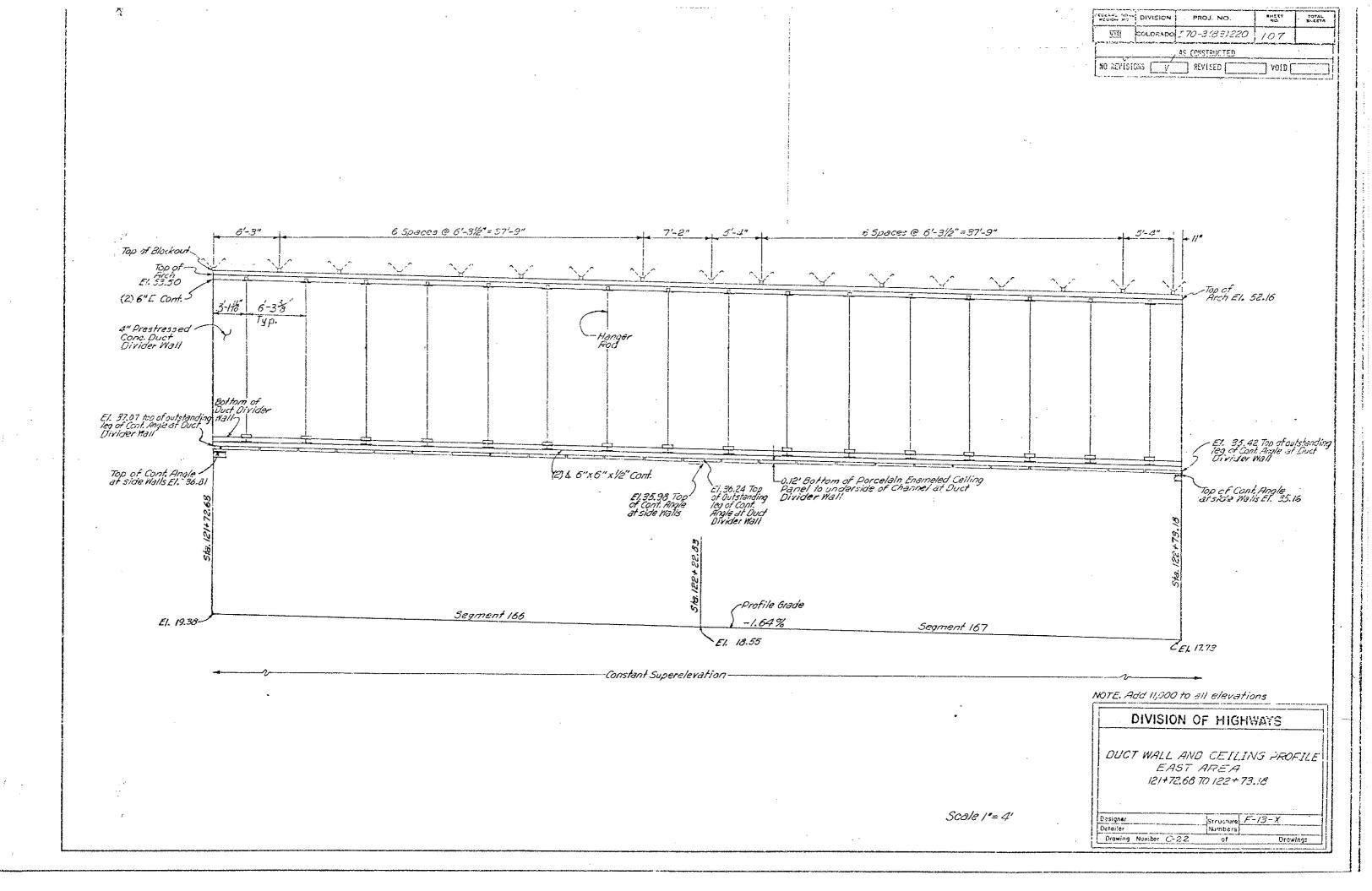


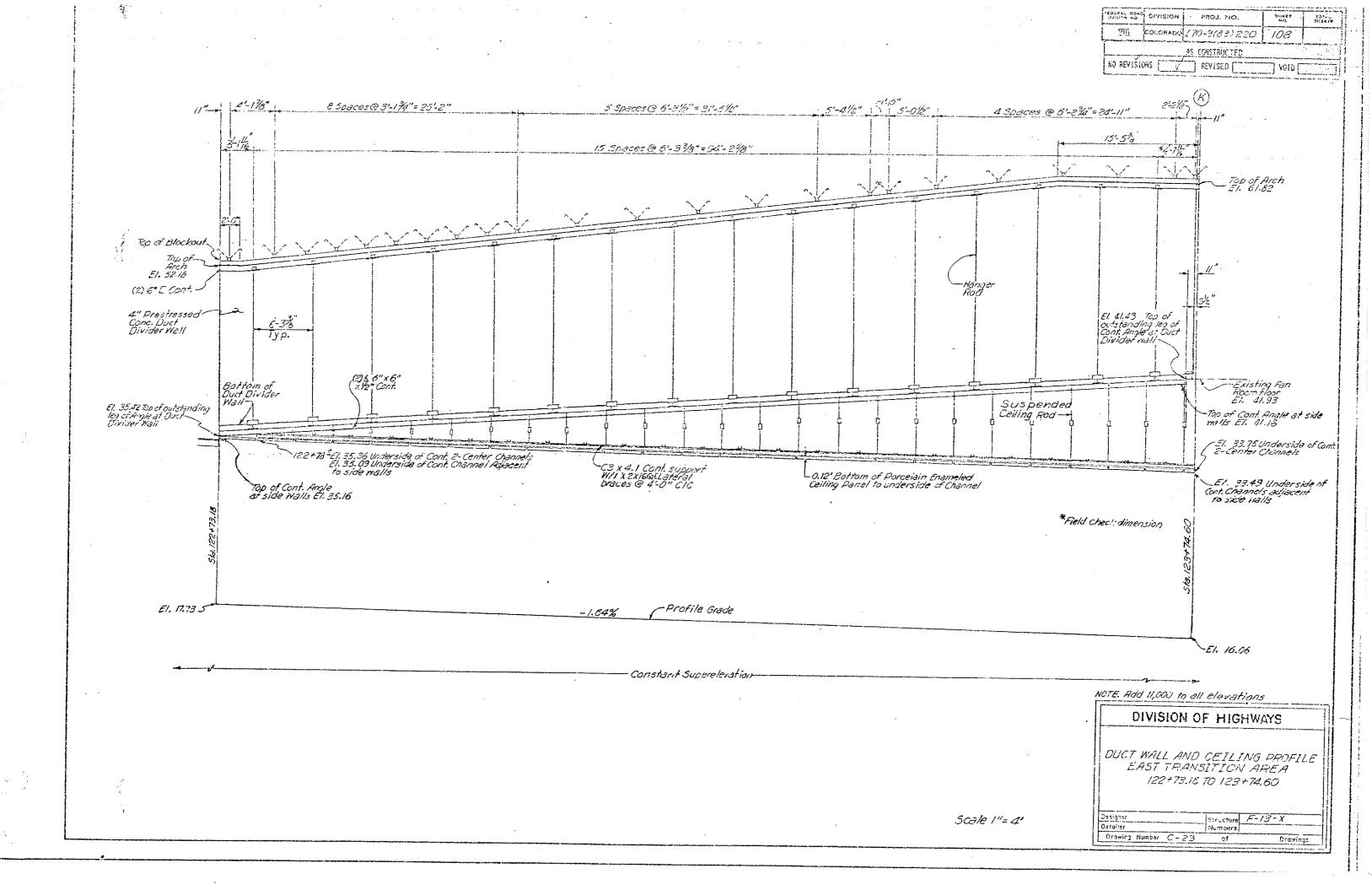


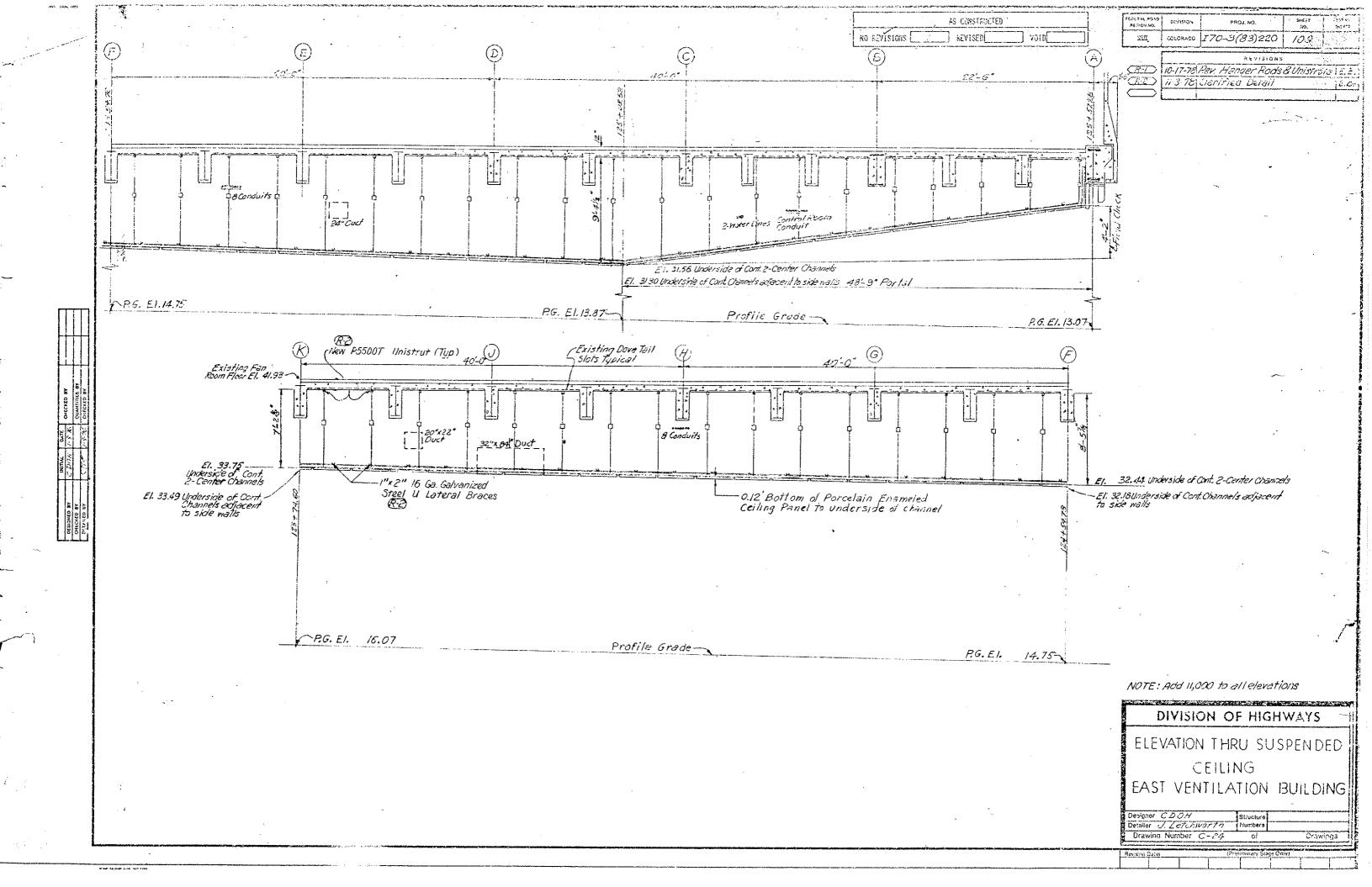


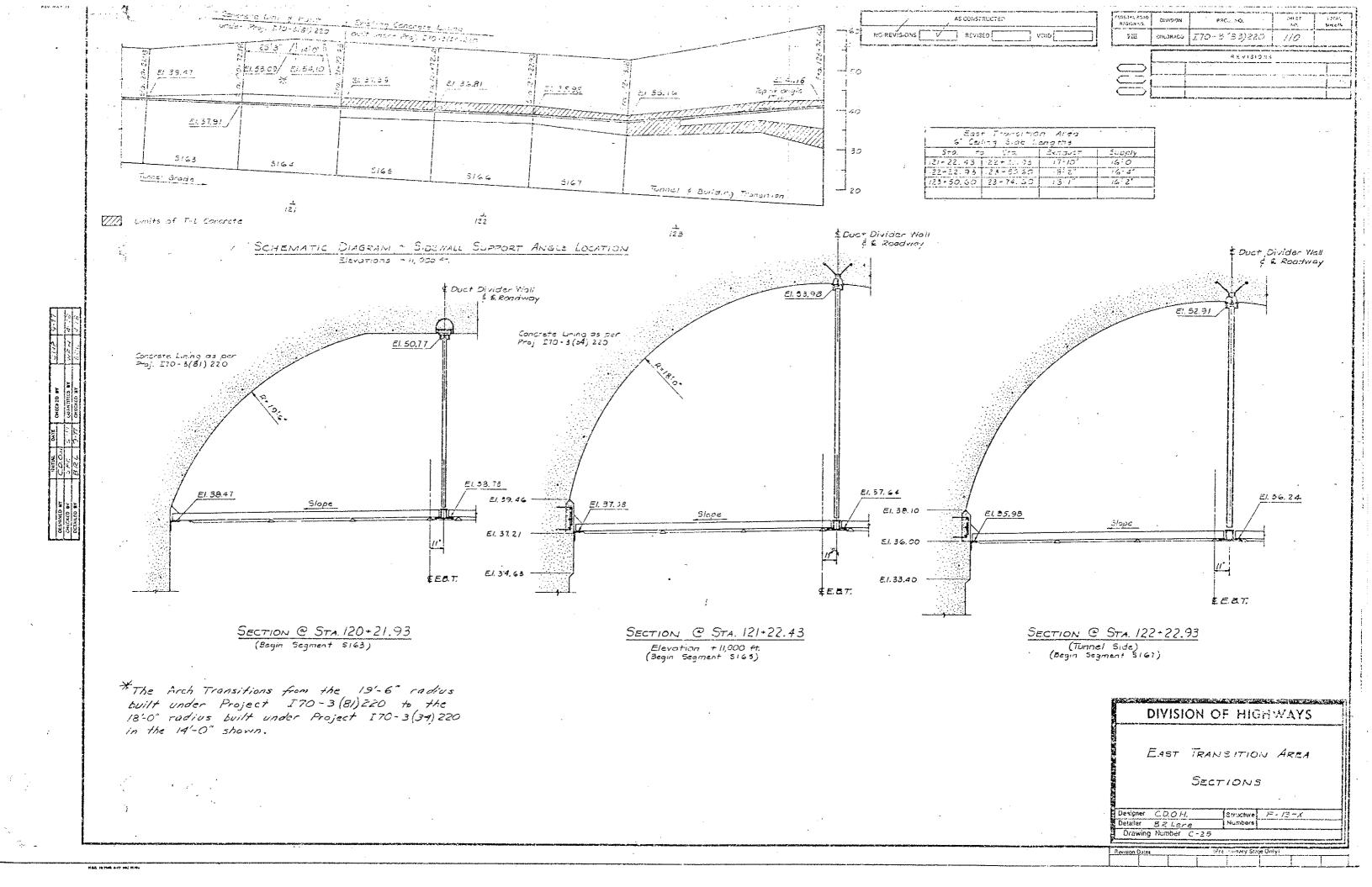


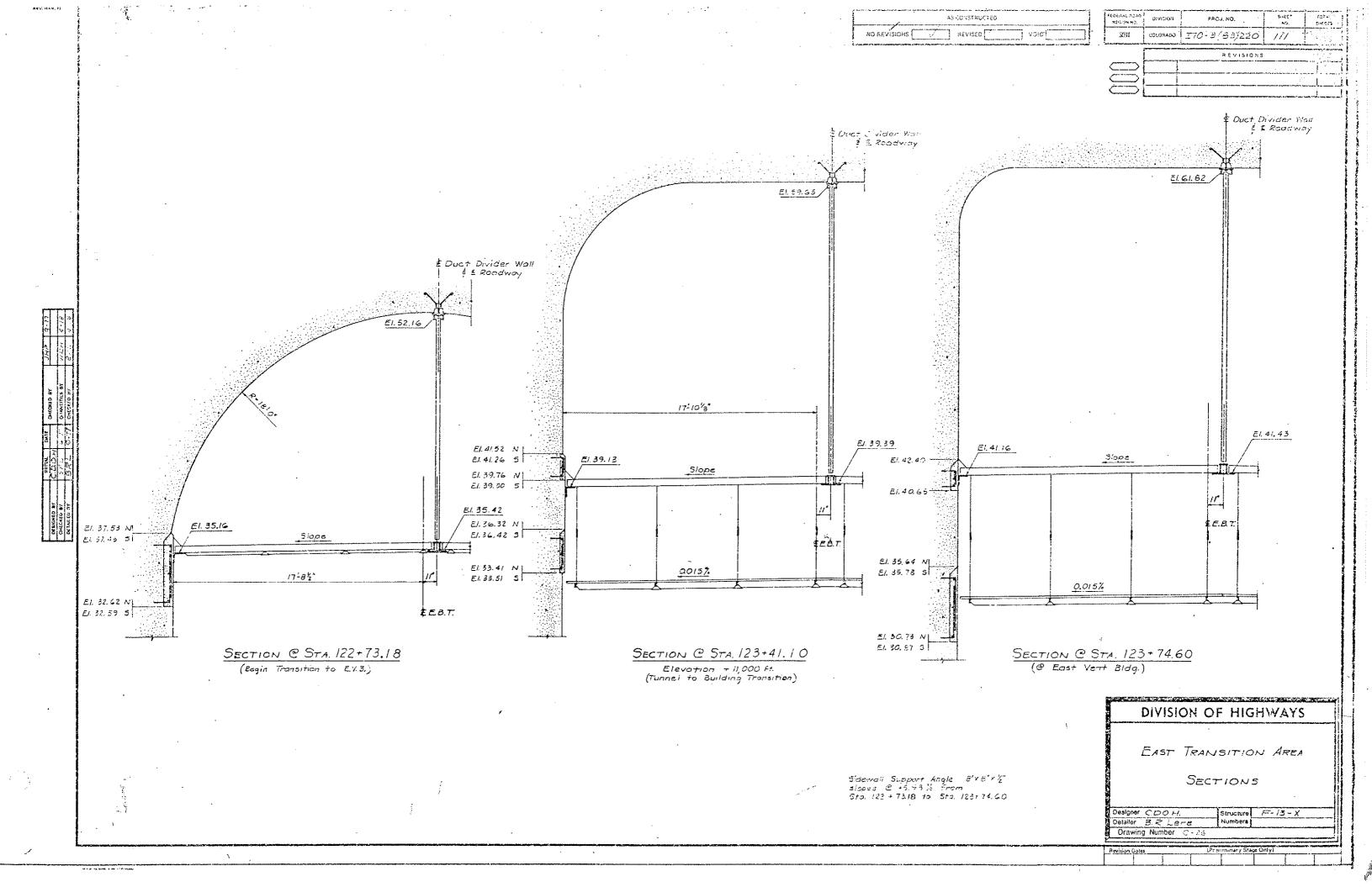




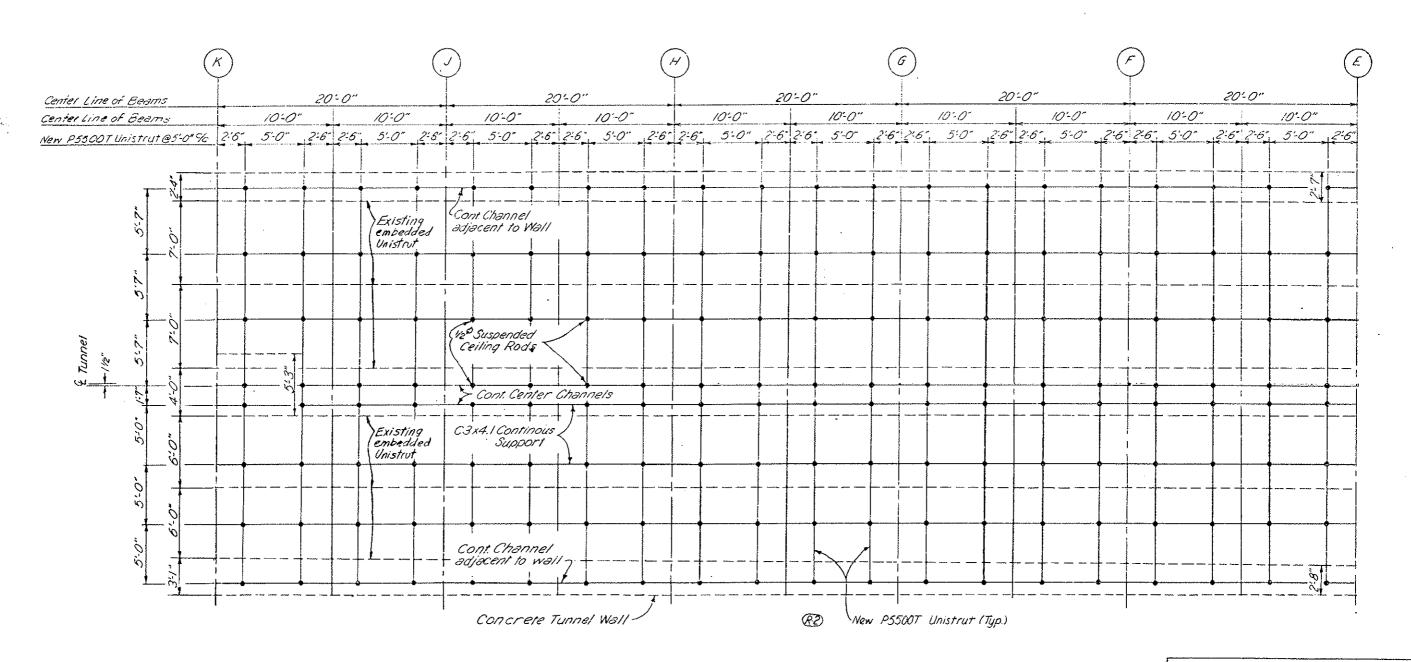




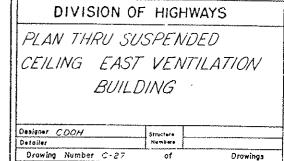


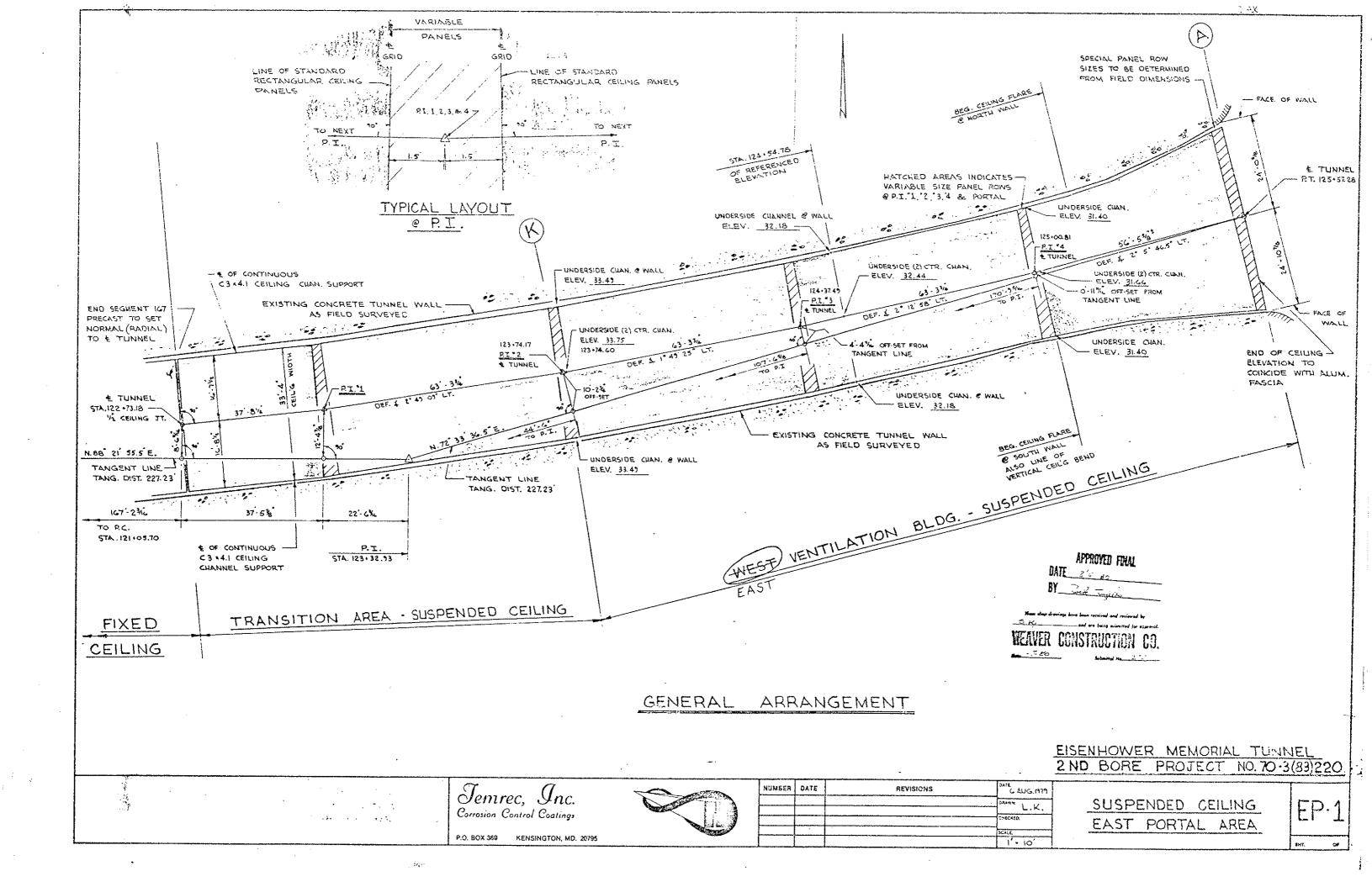


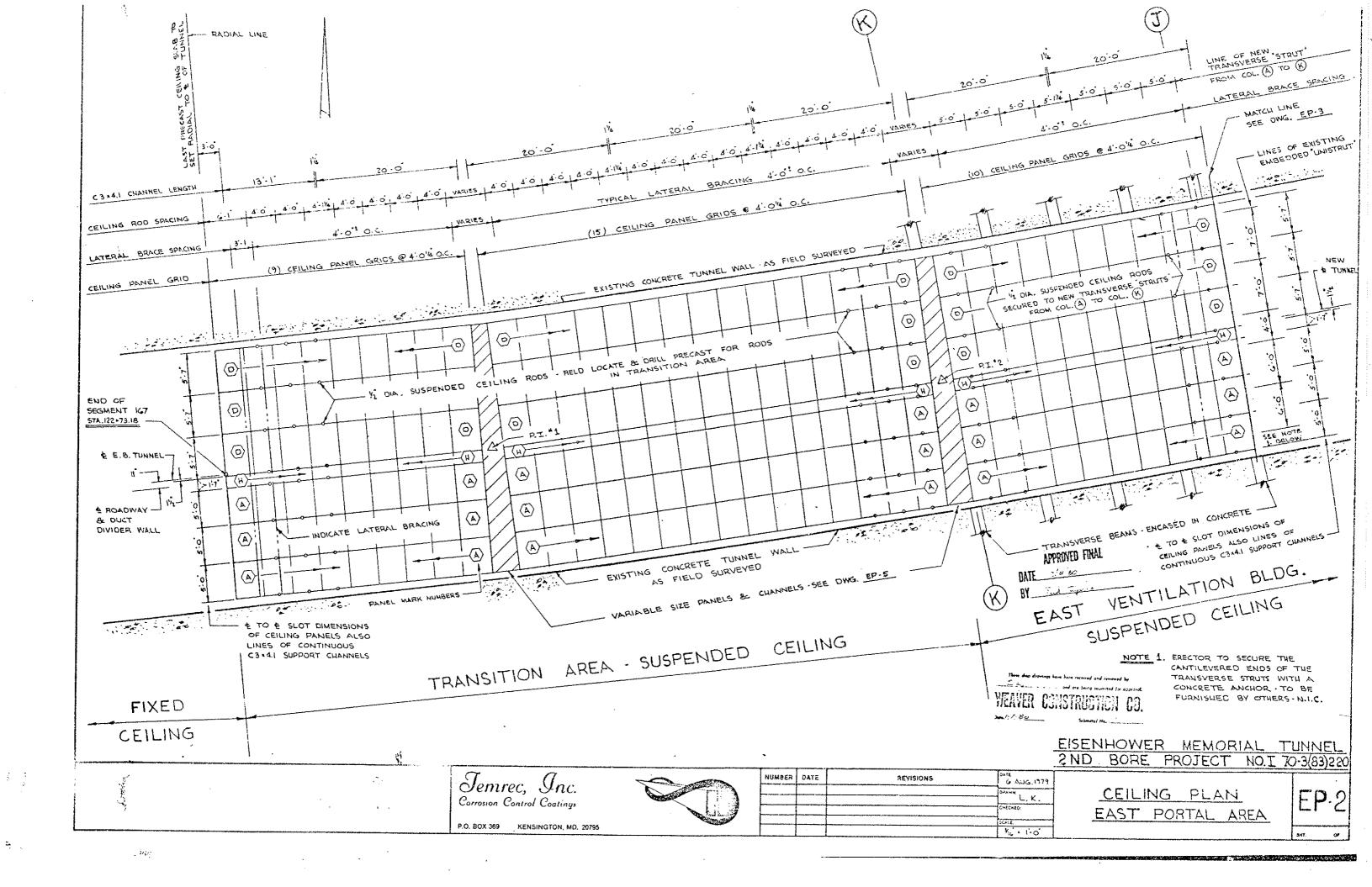
REGION NO.	DIVISION	PROJ. NO.	SHKET NO.	TO/YALL RHERTS
<u>ज्</u> राप	COLORADO	I 70-3(83)220	112	· · · · · · · · · · · · · · · · · · ·
		AS CONSTRUCTED		**************************************
NO REVISIO		REVISED	J dion [

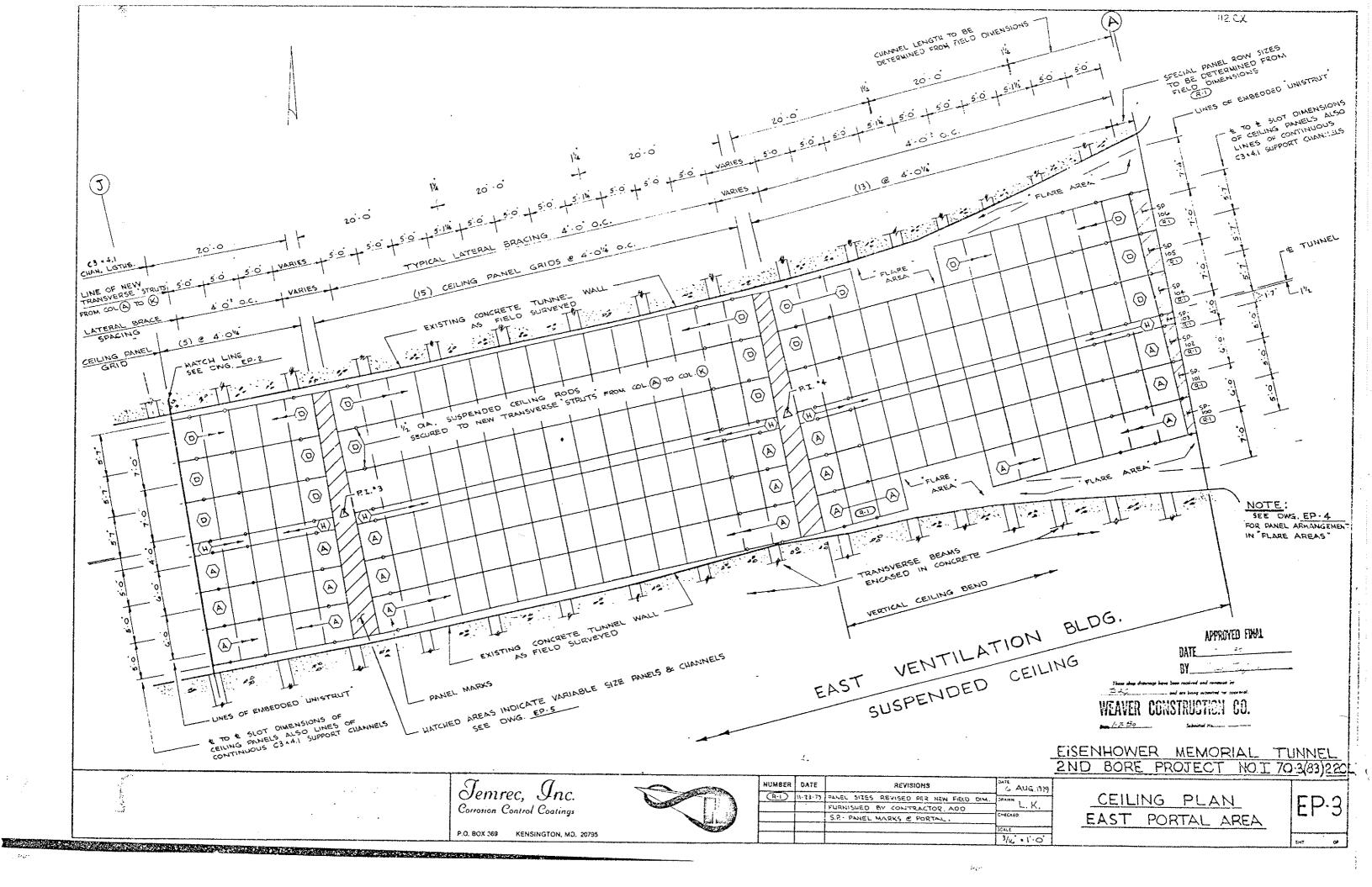


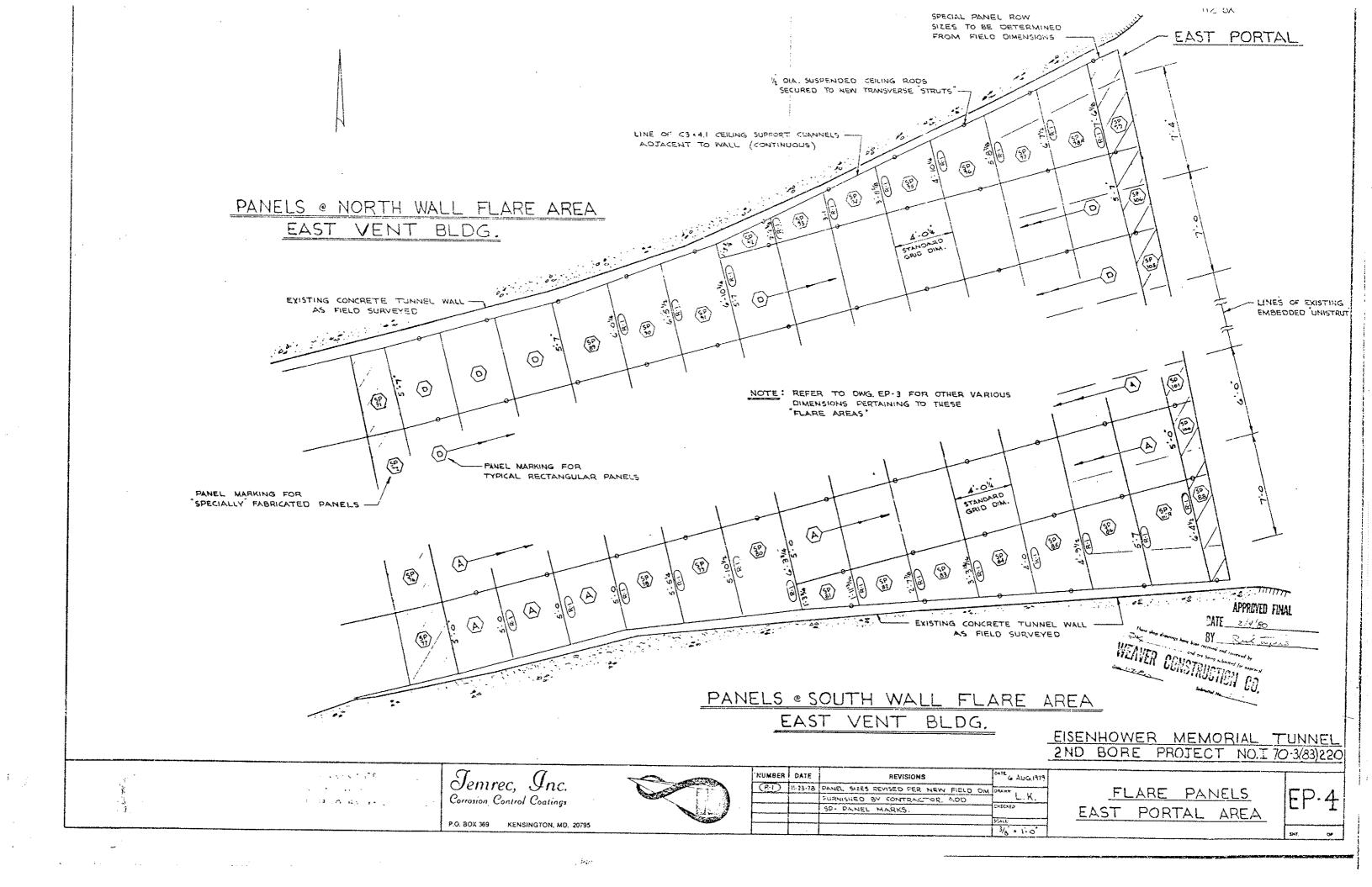
NOTE: See Contractor's Final Approved Shop Drawings Sheets No. 112 AX thru 112 EX.

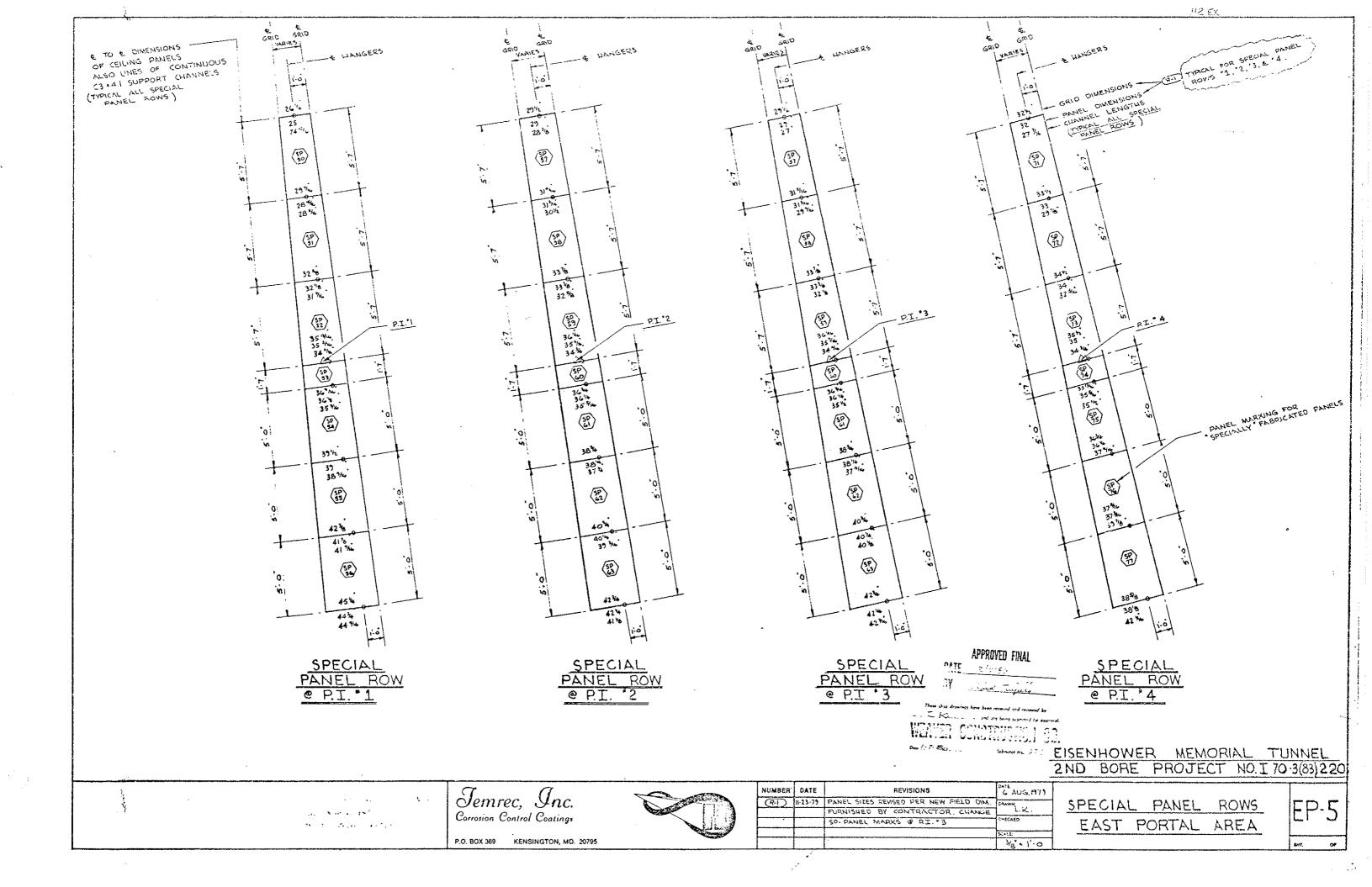


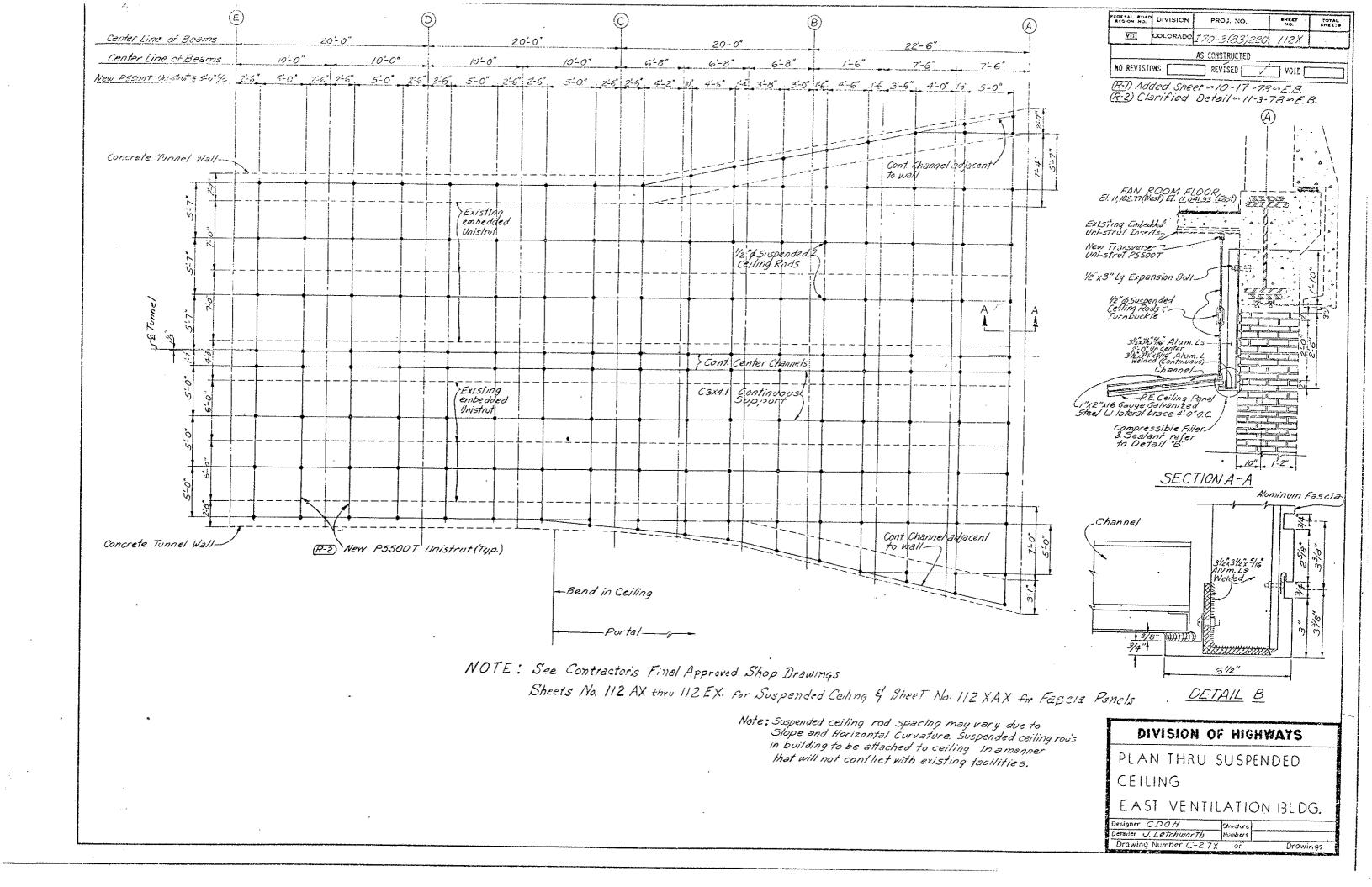


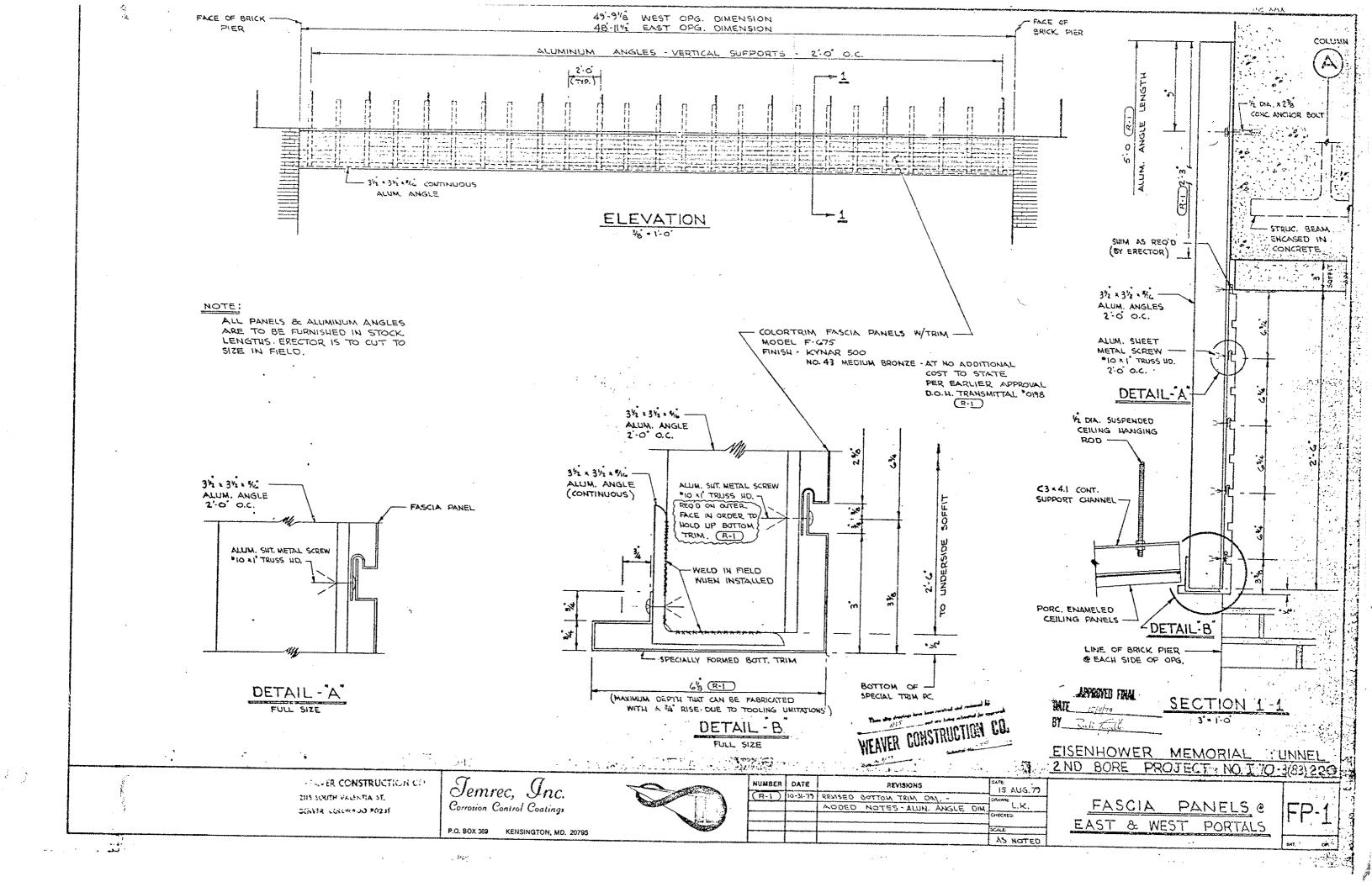


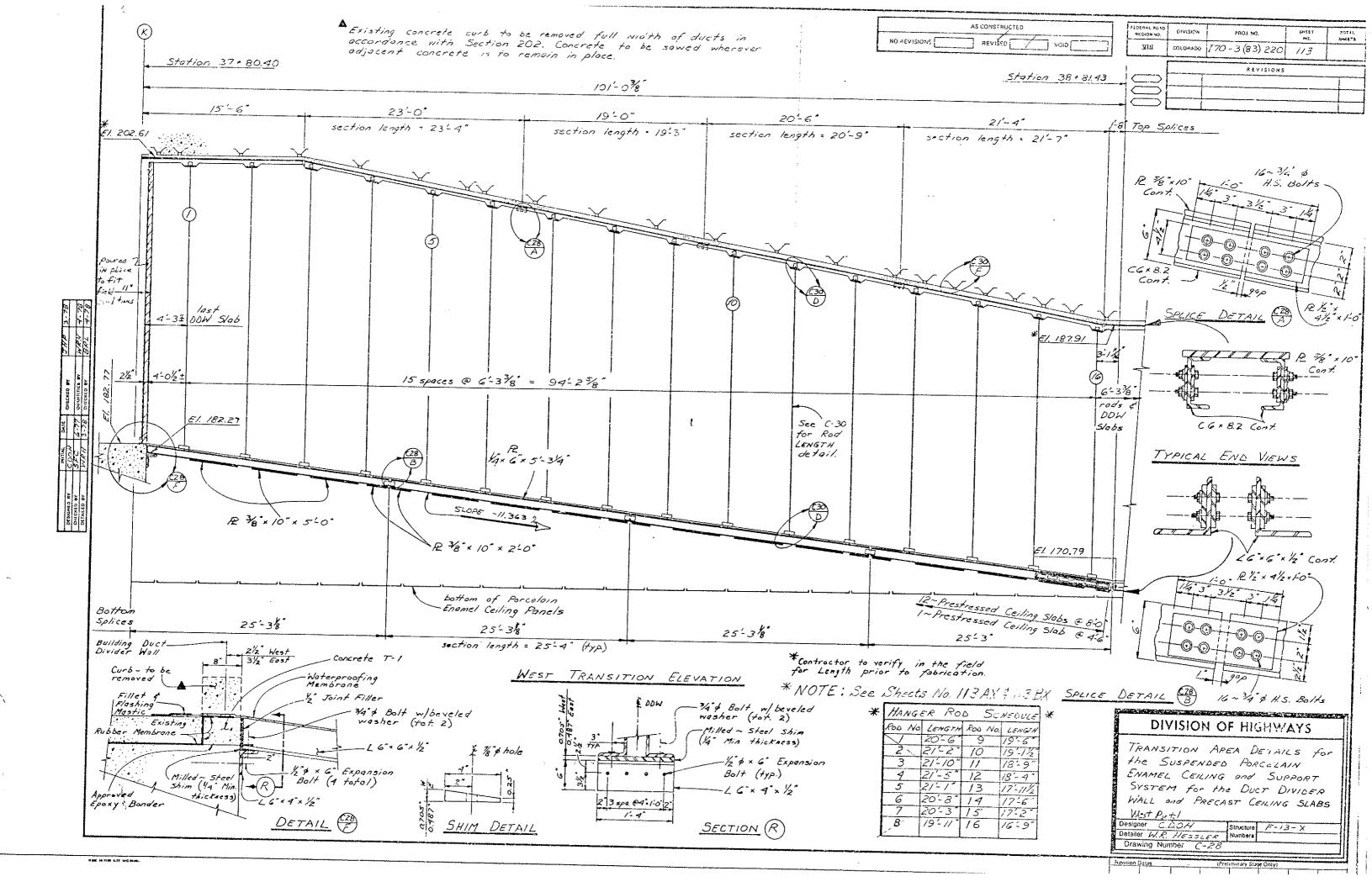


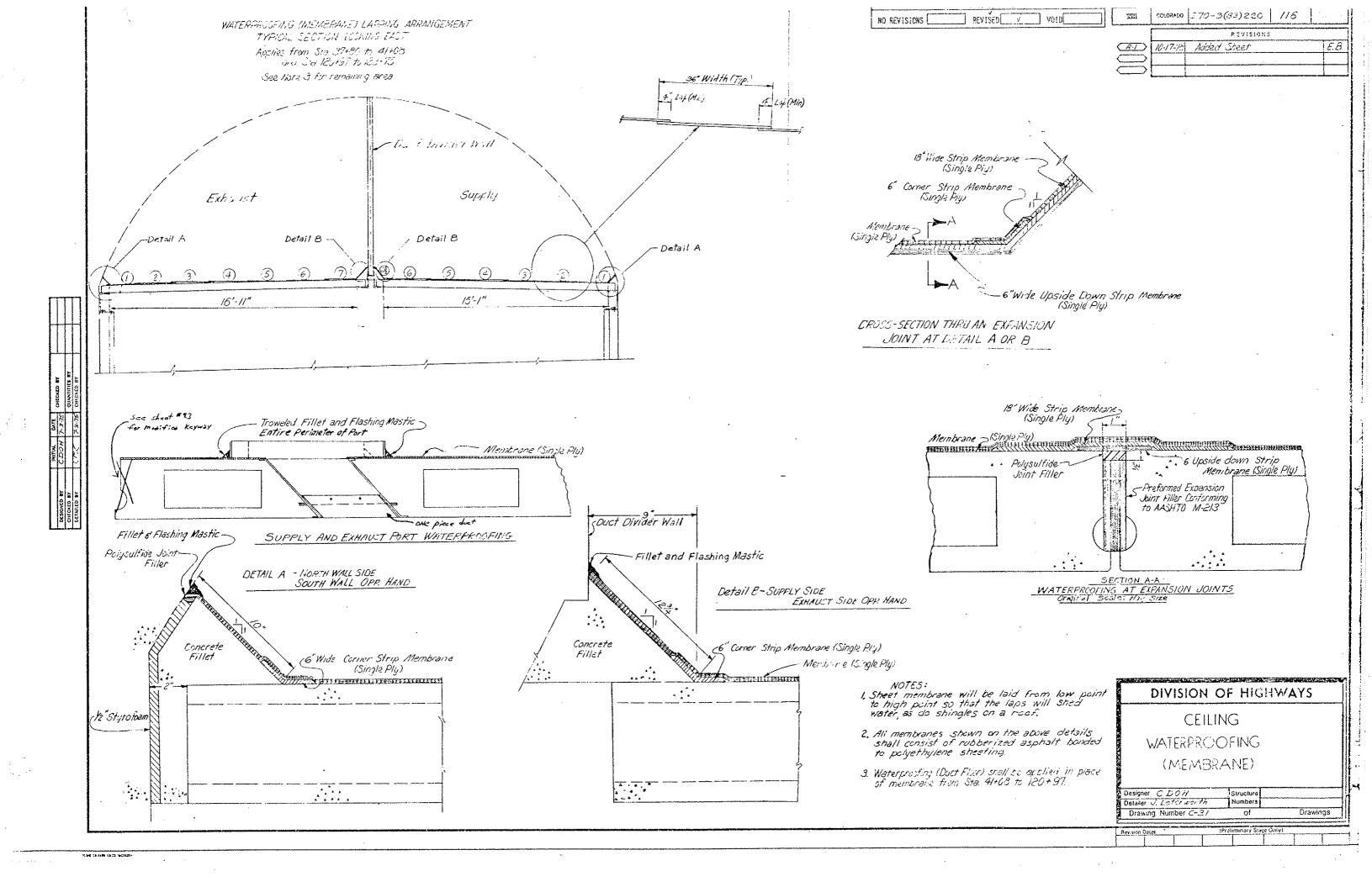


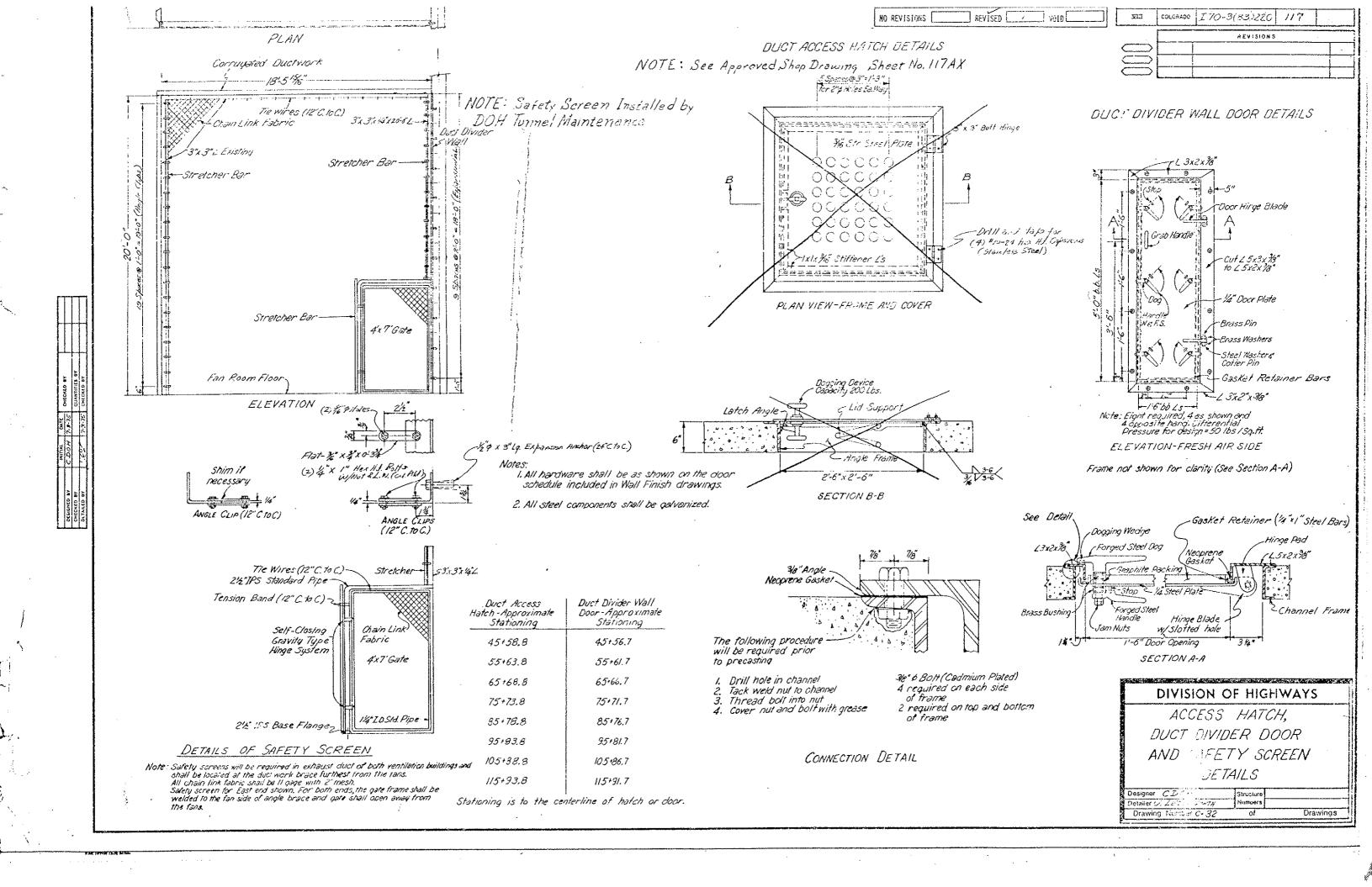


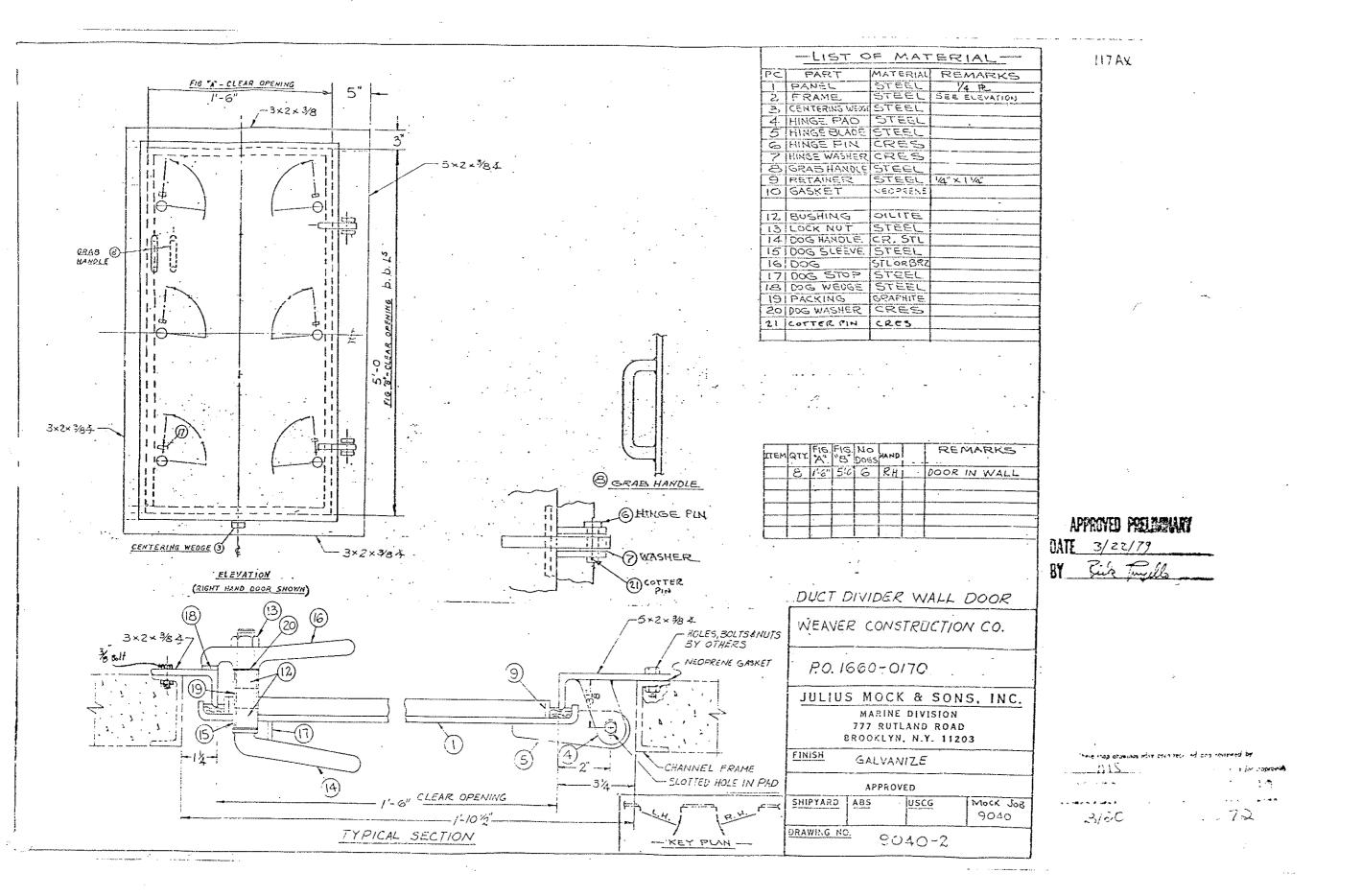


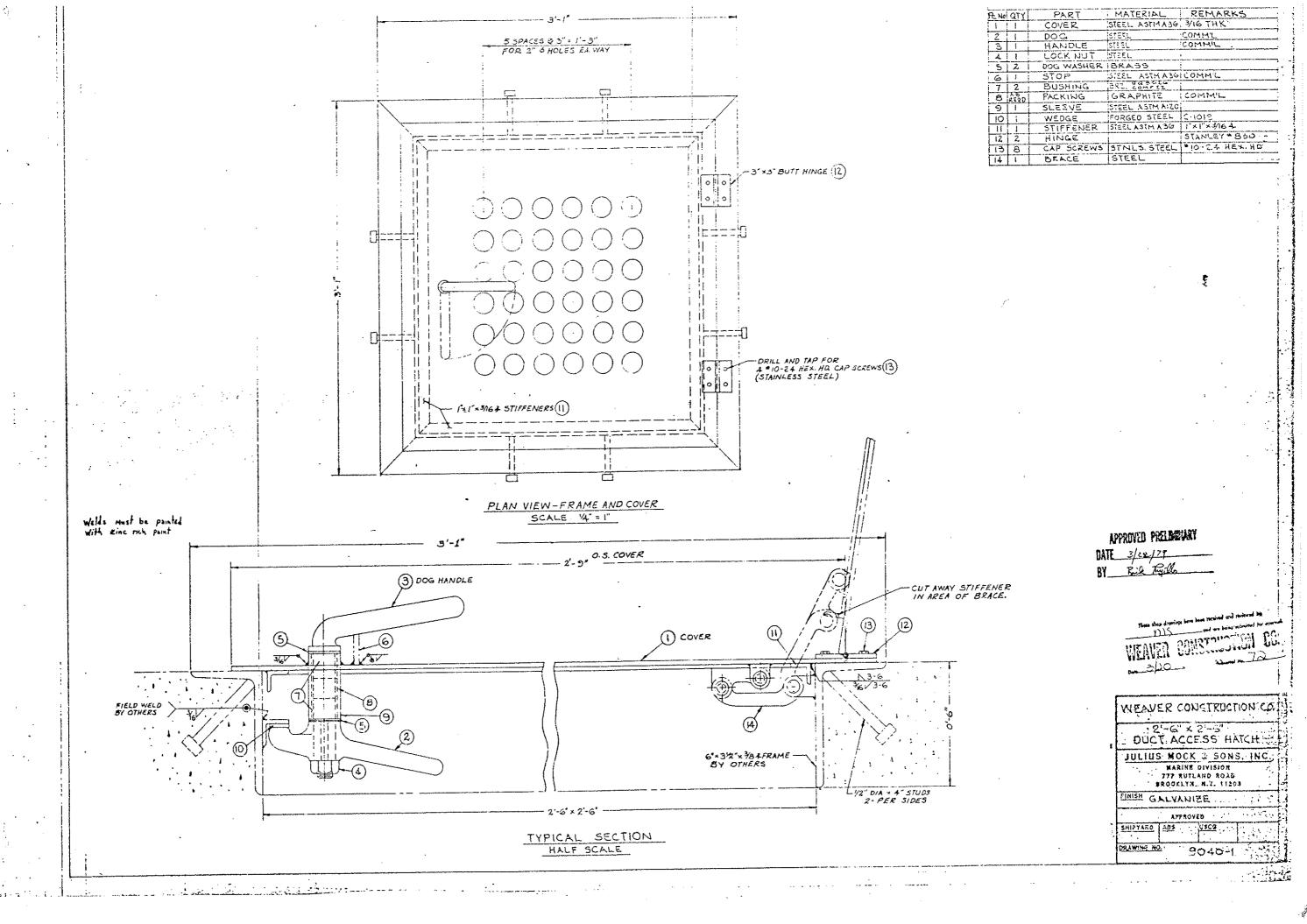


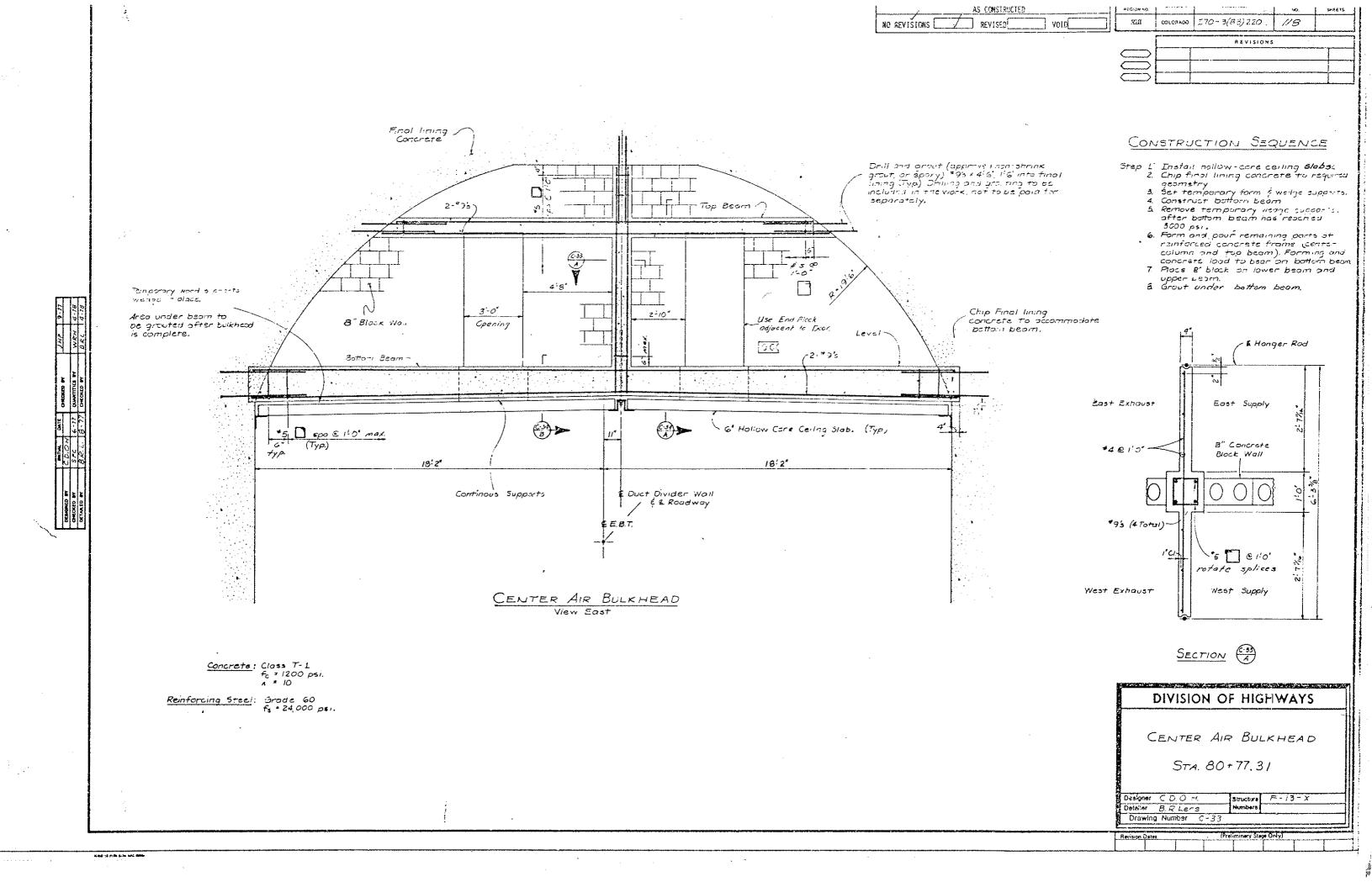


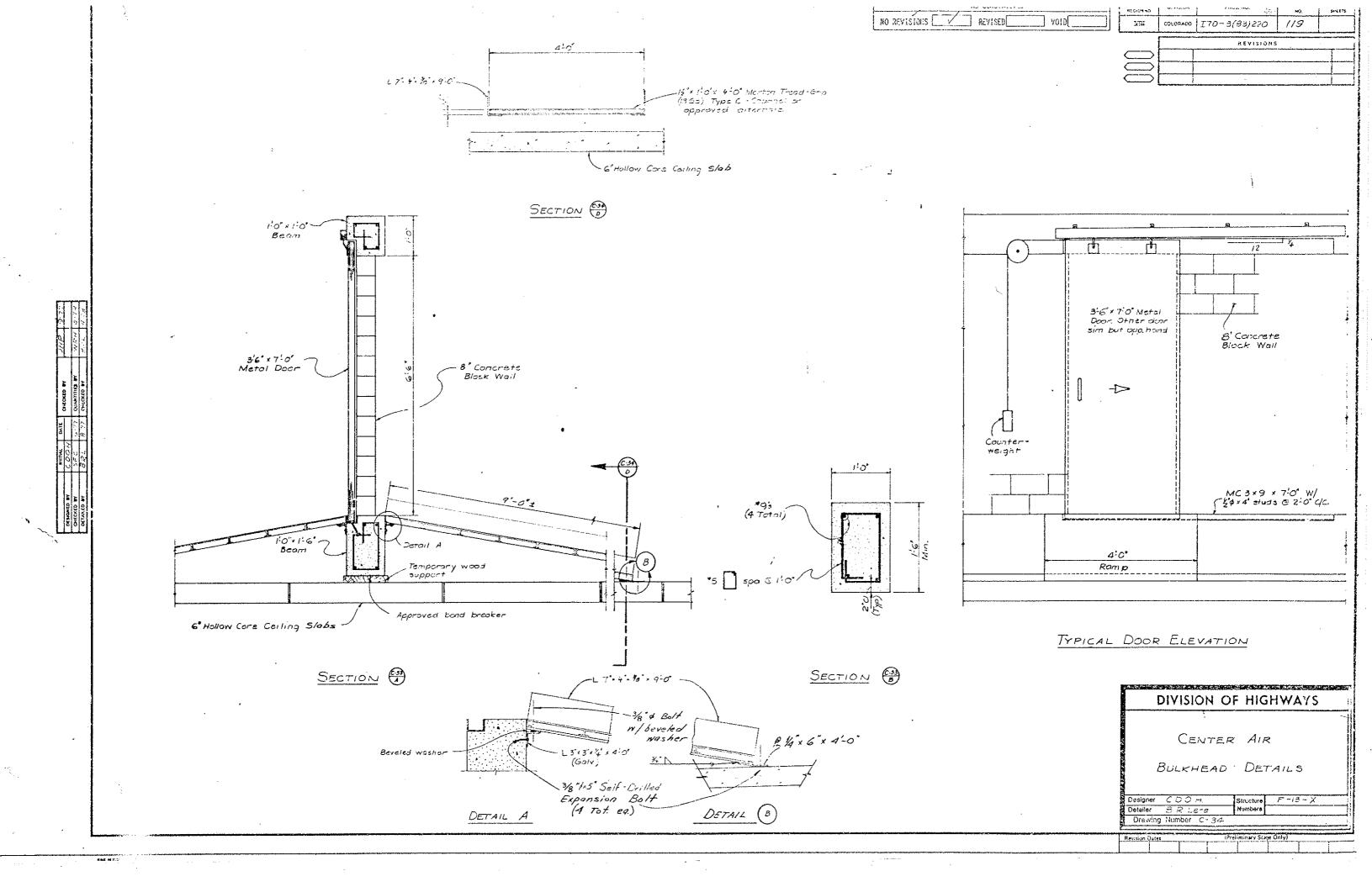


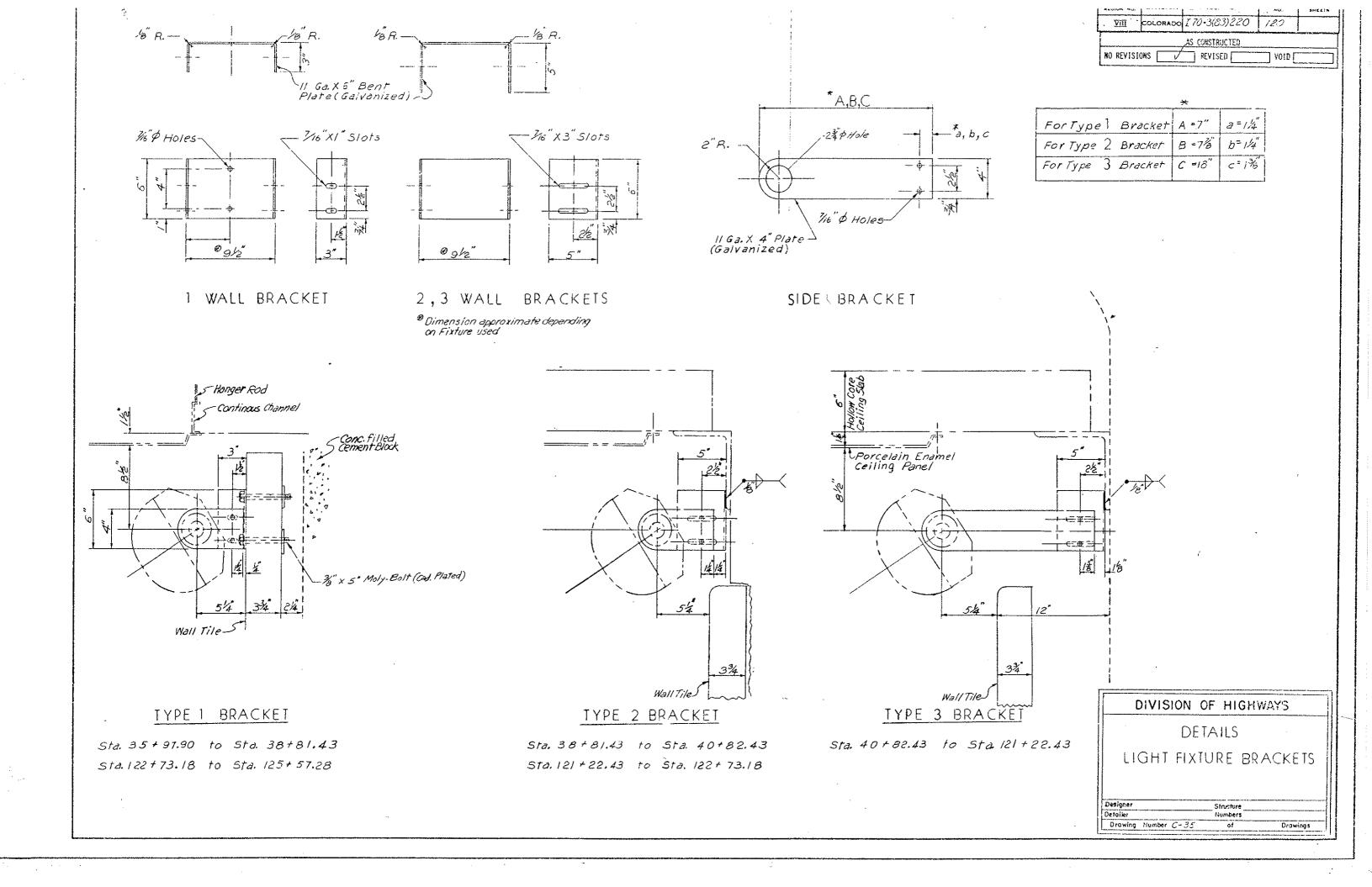


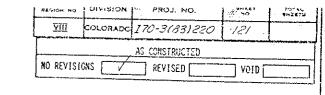


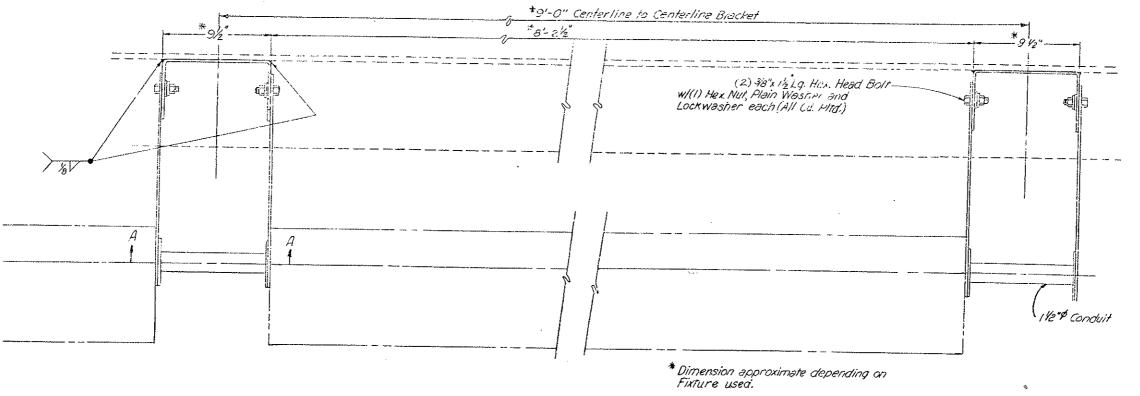




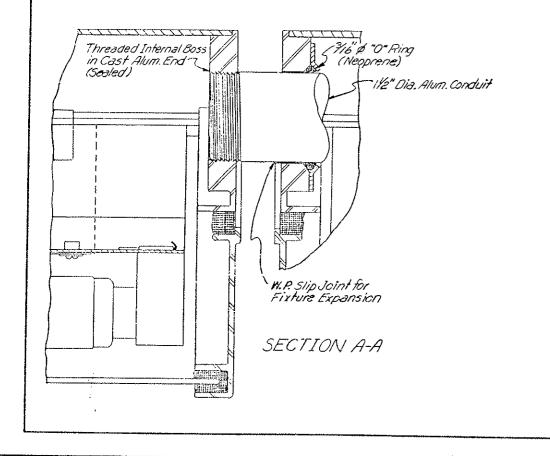


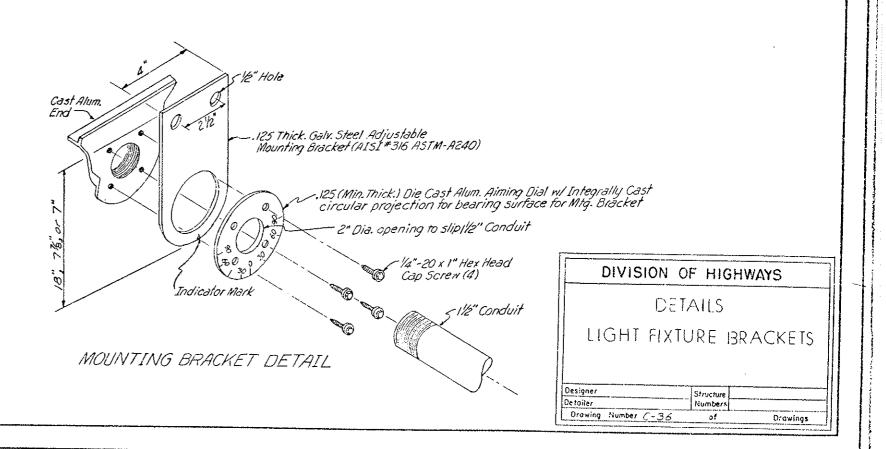


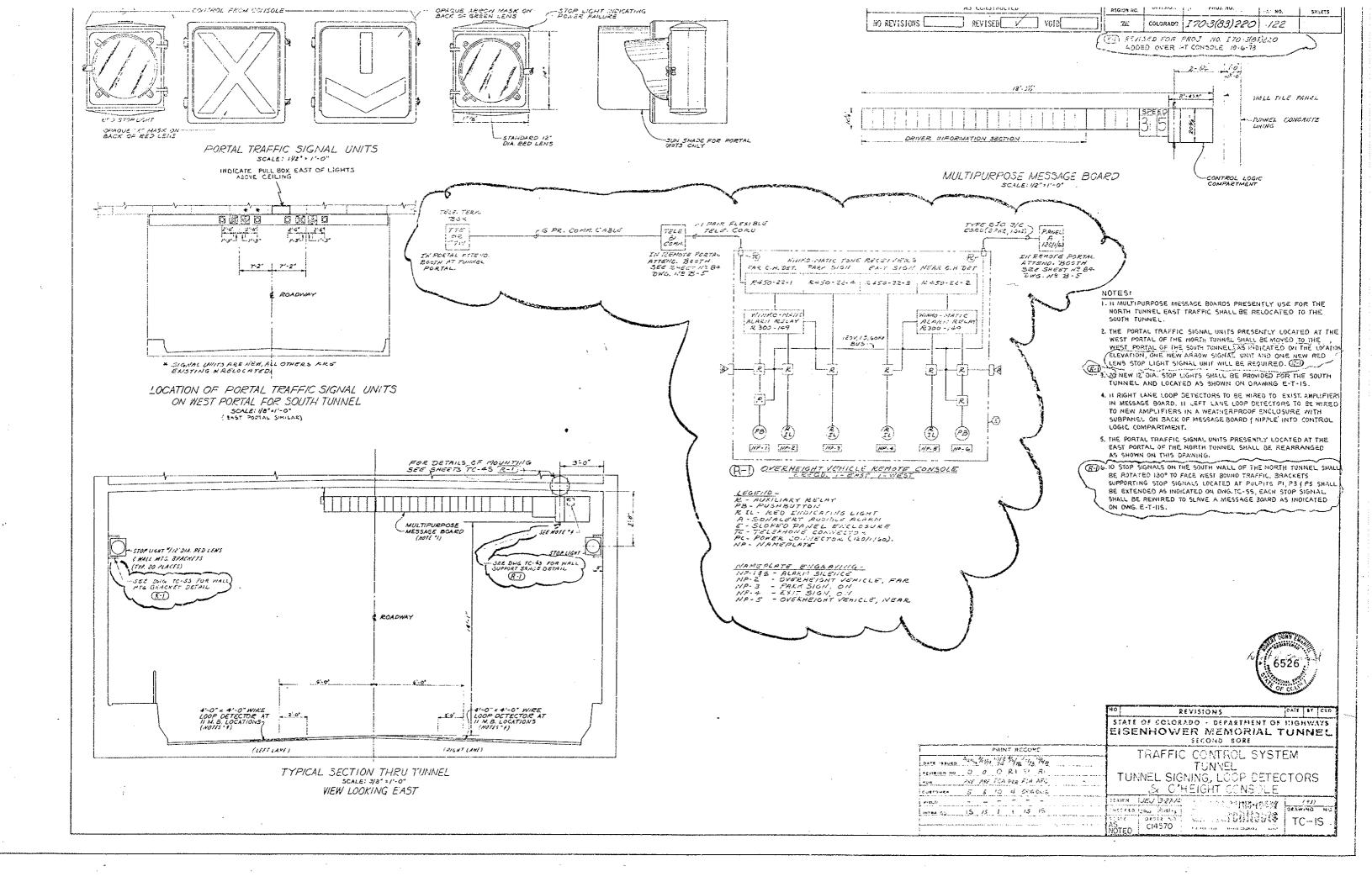


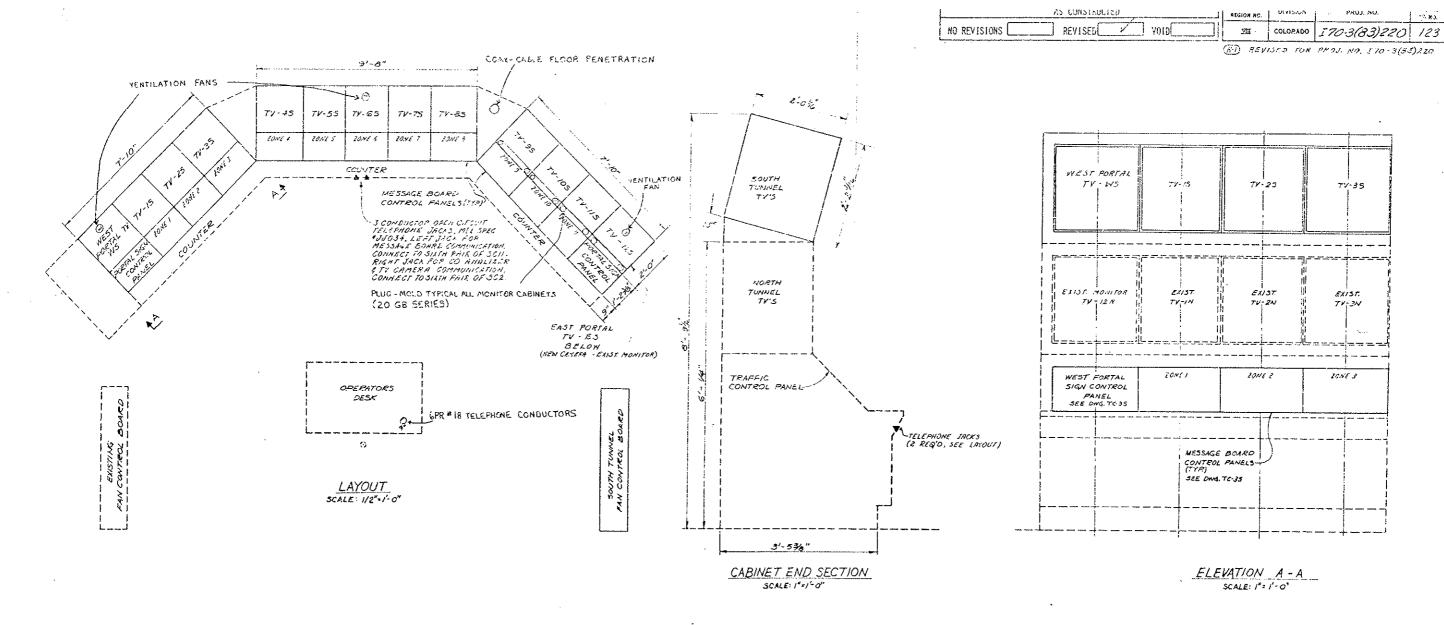


PLAN VIEW TYPICAL LIGHT FIXTURE BRACKET SPACING







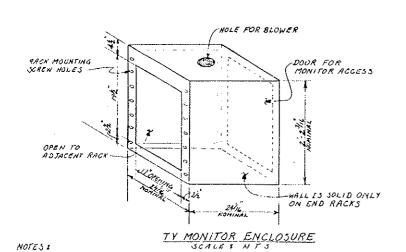


NOTE
WORK THIS DRAWING WITH DRAWING TC-35



SHEE:5

	MO REVISIONS DATE ET CAD
	STATE OF COLORADO - DEPARTMENT OF CHUMMAYS EISENHOWER MEMORIAL TUNNEL SECOND BORE
PRINT RECORD	TRAFFIC CONTROL SYSTEM
CATE COLUMN 11 15 15 16 1/2	EAST VENTILATION BUILDING
SUPPRISON NO D D D D RE ST	= :: •: = = = = =
FOR MIC DY FOR FOR FOR POR TOA	TRAFFIC CONTROL CONSCLE
CULTOHER 5 5 10 5 5 4 CEIG	SHEET NO.1
MES 0 0	JEJ 3-27-74 (317) 3-27-70 (31)
mrma cs. 15 15 1 1 1 1 15	CHECKED COM POS 24 . C. STATE OF MAINS NO
	TC-2S
	SHOWN CI4570



26.₀₀₀

NOTES 1

OPERATOR'S CONSOLE WAS ORIGINALLY
SUPPLIED BY: EQUIPO ENCLOSURE SYSTEMS
DIV OF SEVENTO ELECTRONICS CORP.
LOSSOLE S DESIGNED ARROWS ILL, COSOT
DISION CONCERT ALLOWING FOR COPINSON
PERICALLY APPRICANTICLY BY BULLING ON
ADDITIONAL SECTIONS OF CABILET. CONTRACTOR
ENCLOSURES (FHATERN REQUIRED)

THE COSURES (FHATERN REQUIRED)

JAMES SHIPE CIRCUIT.

NO REVISIONS REVISED WEST PORTAL AREA ZONE NO. 1 TRAFFIC SIGNS AND SIGNALS WEST BOUND EAST BOUND INBOUND LEFT LANE INBOUND RIGHT LANE LEFT LANE RIGHT LANE LEFT LANE 0 RIGHT LANE (R) (A) (G) 8 A G ® @ @ * (R) (G) LANE OCCUPANCY 12432 134321 LANE OCCUPANCY 2/2" _______ (S) (2) OFE ON CFF 05F 15 20 0F.F GN ON ON ON ON AUTO A:JTO μυτο AUTO AUTO 20 20 25 30 40 REDUCE SPEED . 2 25 30 40 50 25 30 3 STOP STOP MOTOR 4 40 STAY IN CAR 5 50 50 LAMP INDICATOR TEST HELP ON WAY 6 Аито OVERHEIGHT VEHICLE DETECTOR AUTO START MOTOR W POSTED SPEED FAR POSTED SPEED SIREN NEAR RESUME SPEED POSTED SPEED (G) (S) 0 G: 2 PUSH AND HOLD 9 * + + MERGE LEFT * MERGE RIGHT → → EXIT HERE 77 PARK HERE PANEL ALARM HAVE A NICE DAY LAMP INDICATOR TEST PANEL ALARM R 12 ICE ON ROAD R R Auto PUSH TO RESET PUSH TO RESET PUSH AND HOLD MESSAGE BOARD PUSH TO RESET REMOVABLE MESSAGE NAMERIATE

312

NORTH TUNNE

NOTE

REGICH NO. DIVISION

PROJ. NO.

III | COLCHADO | 170-3(83)220 | 124

(E) REVISED FOR PROF NO. 170-3 (83) 220

NO. SHERTS

AS COMSTRUCTED

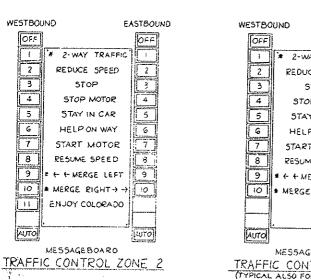
I. CONTRACTOR TO REMOVE EXIST. CONSOLE PARTIES & INSTALL
HER PART FACES HER PART FACES TO US OF BRUSHED
ALLIMINUM & HELD IN PLACE "/ THREADED FASTENERS.

DENGRAVING ON NEW DANEL FACES TO BE THE SAME AS
ON EXISTING PANEL FACES WITH RESPECT TO SIZE, LETTER:
TYPE AND VISUAL APPEARANCE.

WEST PORTAL AREA TRAFFIC SIGN AND SIGNAL CONTROL EAST PORTAL AREA SAME AS ABOVE EXCEPT SUBSTITUTE 'BAST' FOR 'WEST!

TRAFFIC CONTROL ZONE I * NEW MESSAGES TO BE ADDED.

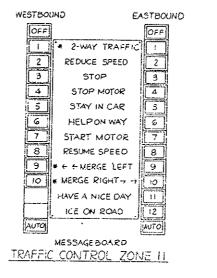
SOUTH TUNNEL



SEE NOTE 1/7/2)

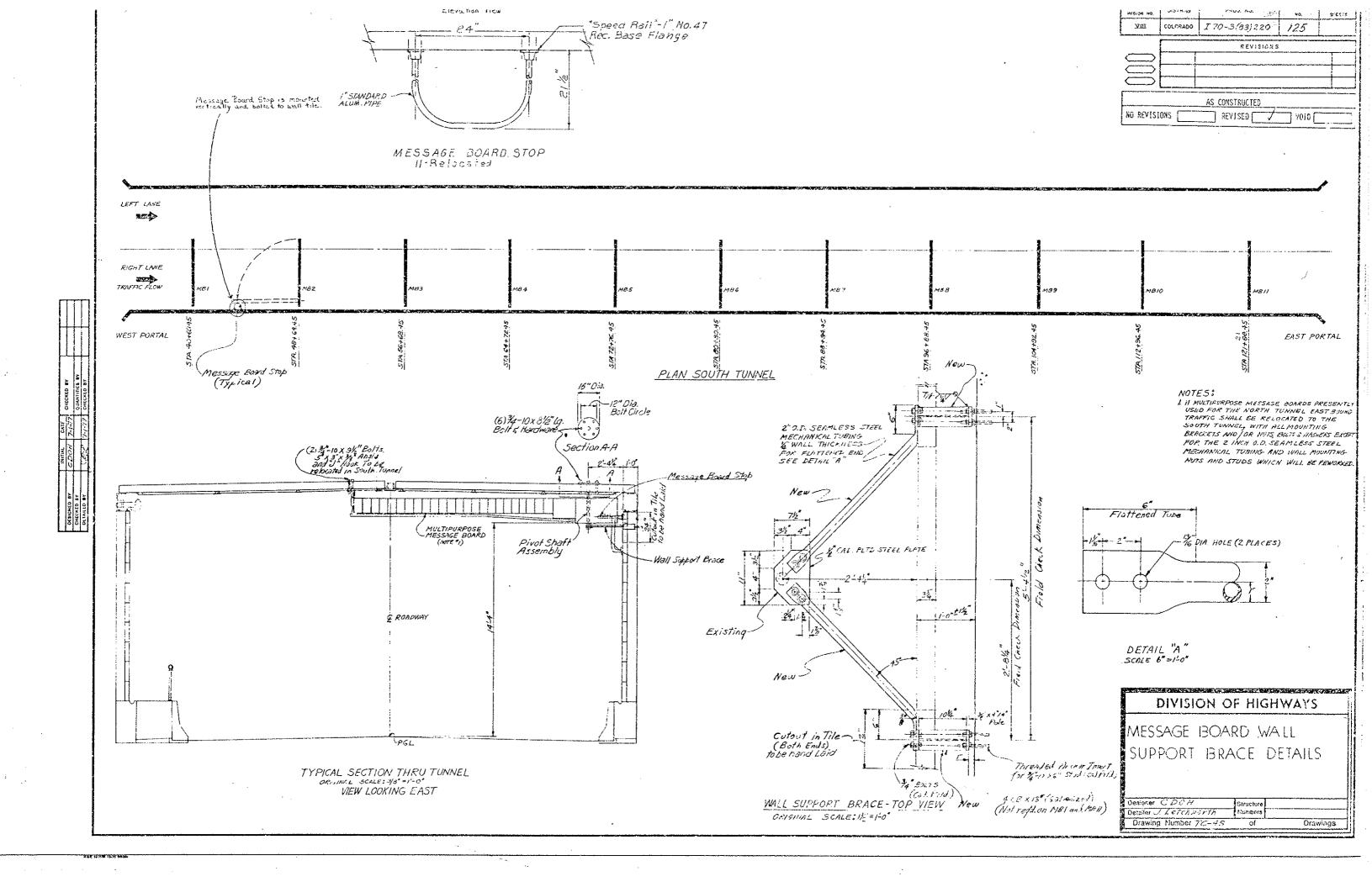
(B)

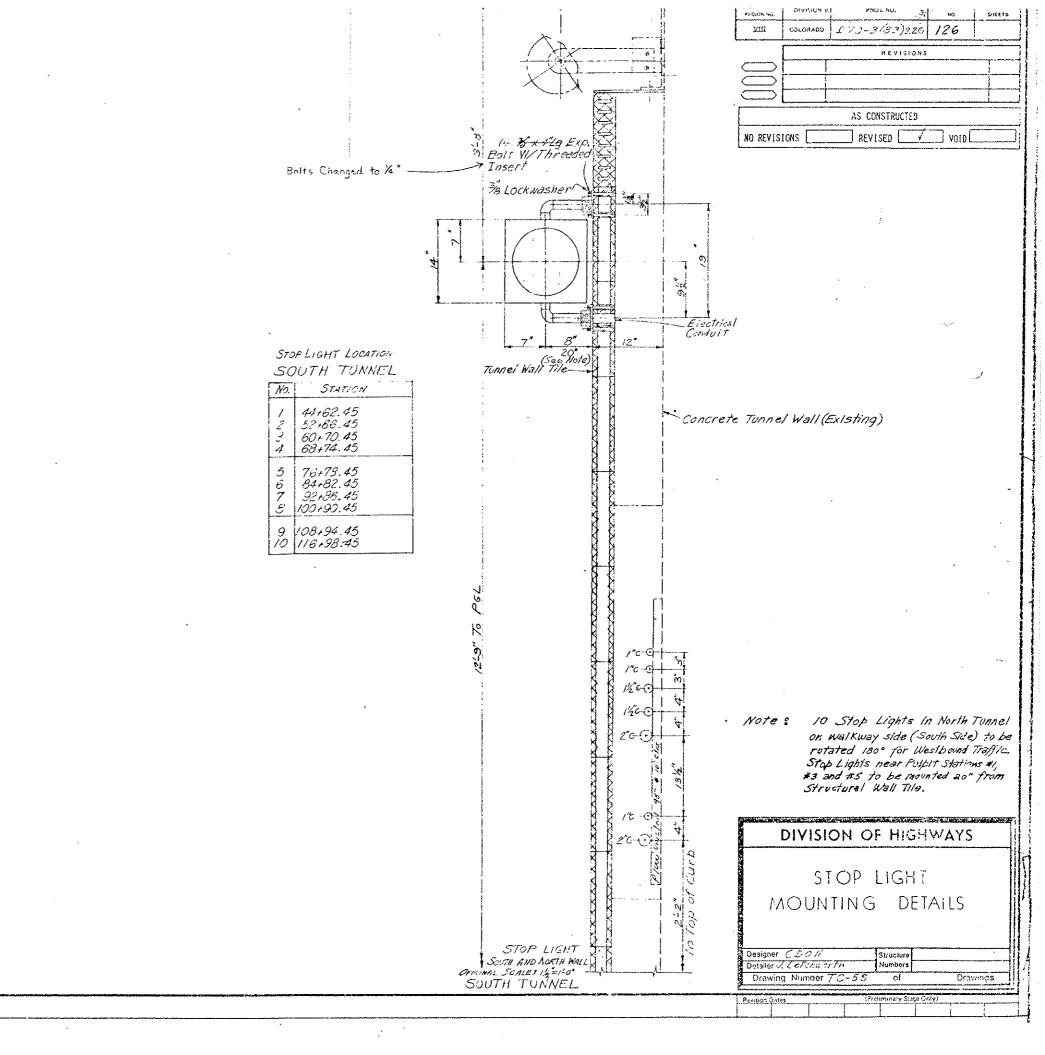
		,	
DUND	EASTBOUND	WEST80UND	EASTBOUN
* 2-WAY TRAP REDUCE SPEE STOP STOP MOTOR STAY IN CAR HELPON WAY START MOTO RESUME SPEEC # + MERGE LE	OFF OFF	WESTBOUND OFF 1 * 2-WAY TI 2 REDUCE SE 3 STOP 4 STOP MO 5 STAY IN (G HELPON 7 START MO RESUME SP 9 * ← MERGE IO * MERGE RIGI	OFF RAFFIC PEED 2 3 TOR 4 CAR 5 WAY 6 TOR 7 EED 8 LEFT 9
	AUTO;	DRIVE SAFI	ELY [I]
MESSAGE BOAR	05	MESSAGE BOX	180
C CONTROL		TRAFFIC CONTRO	L ZONE IC
ALSO FOR ZONE	NO.4 THRU 9)		





	REVISIONS PARE IT CAR
	STATE OF COLORADO - DEPARTMENT OF HIGHWAYS EISENHOWER MEMORIAL TUNNEL SECONO BORE
DATE OF THE OFFICE OFFI	TRAFFIC CONTROL SYSTEM EAST VENTILATION BUILDING TRAFFIC CONTROL CONSOLE
5 5 5 5 0 10 4 054	SHEET NO. 2
197 15 15 15 15 1 1 1 15 15	THEOREM SOUTH THE THEOREM STATE OF THE STATE

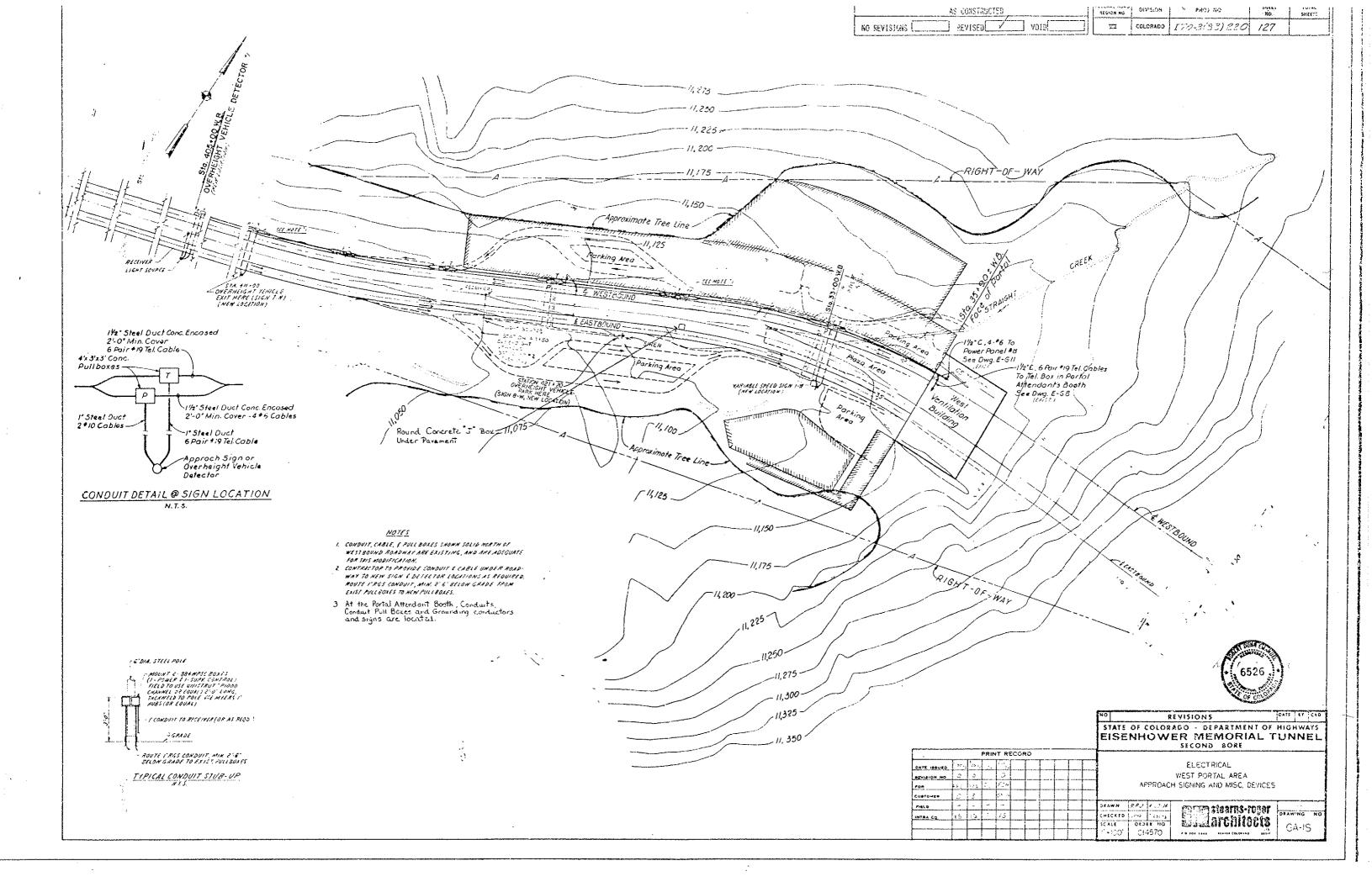


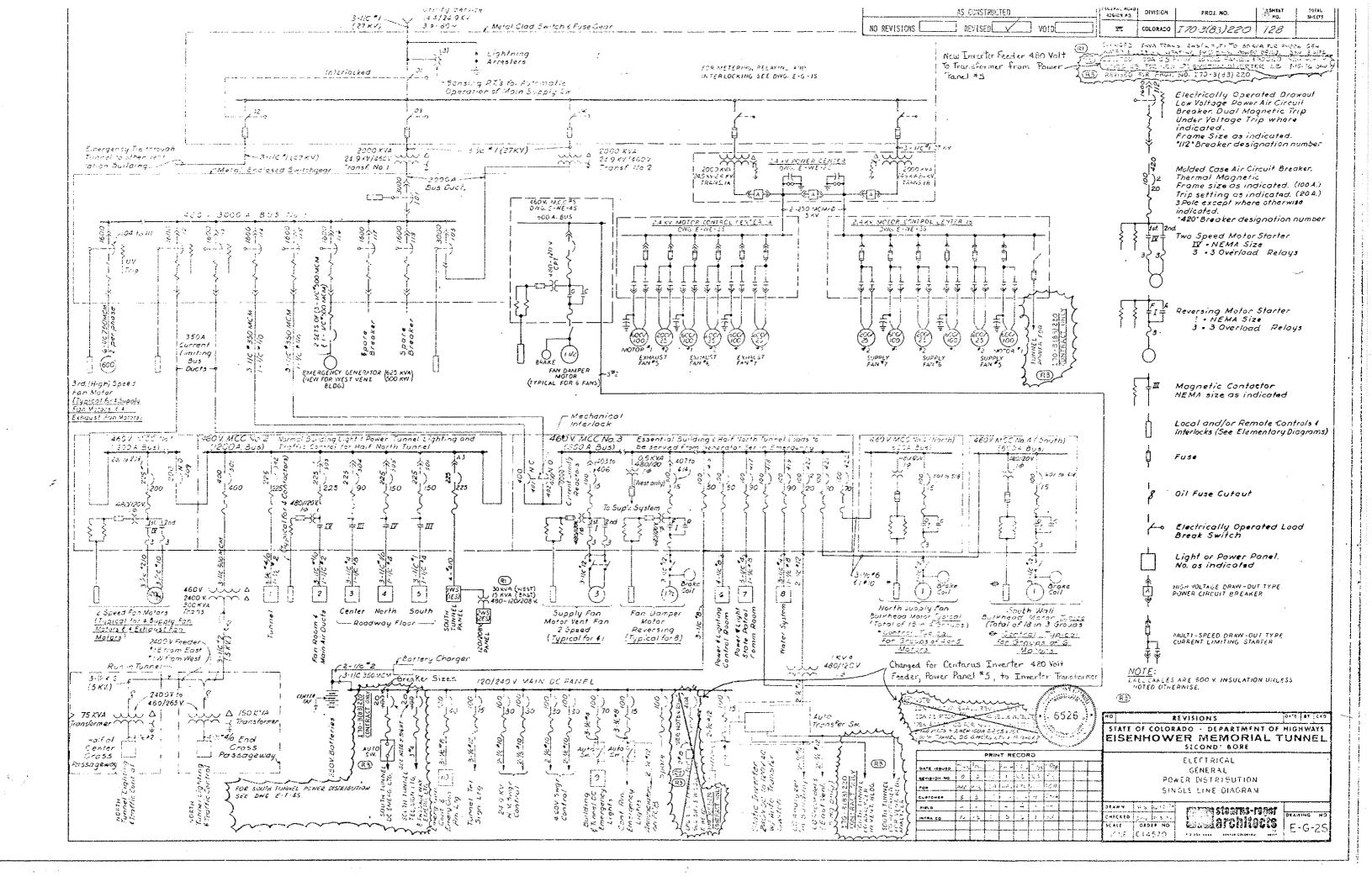


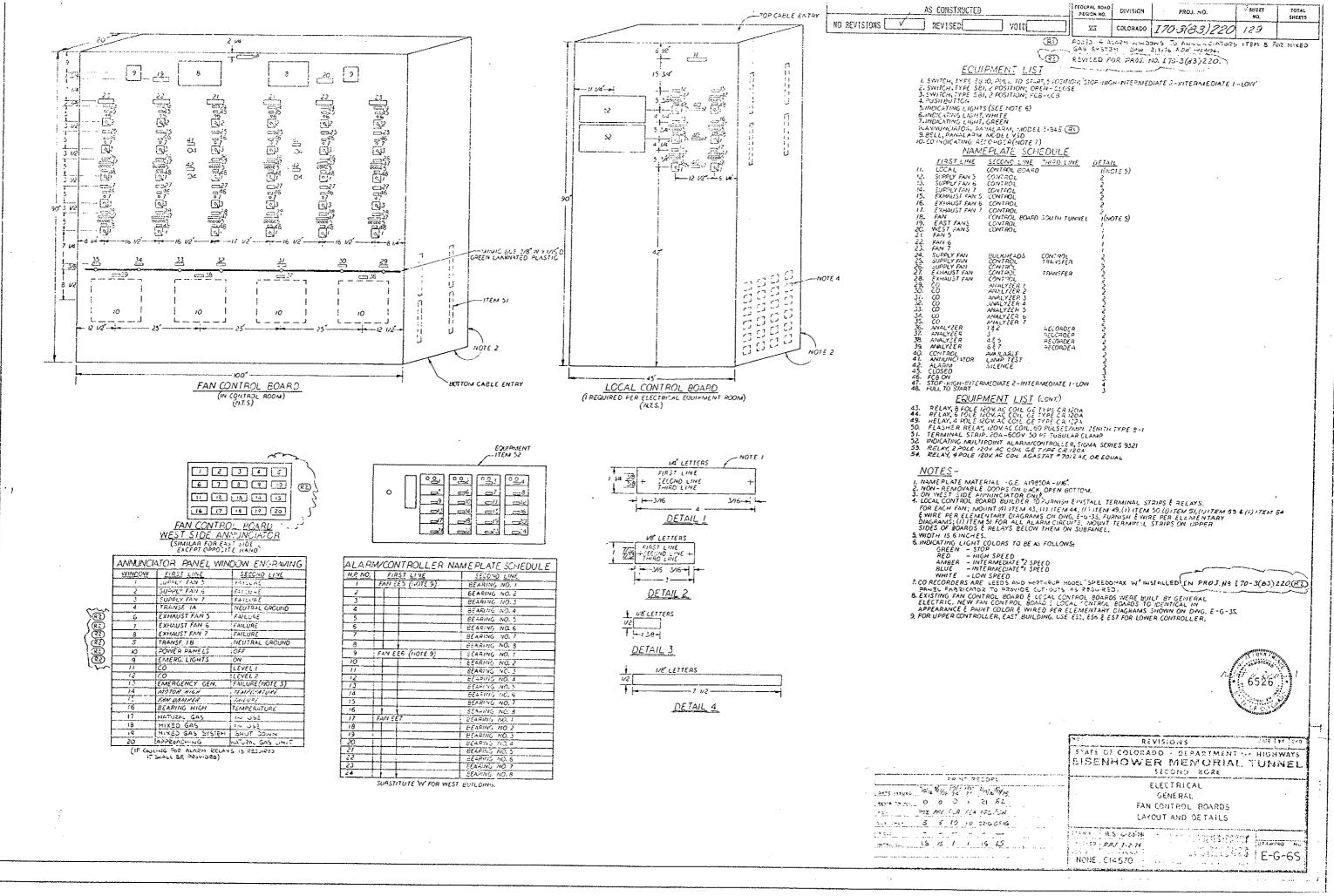
ED BY C DCV/ 7,43-77 QUANTIES BY

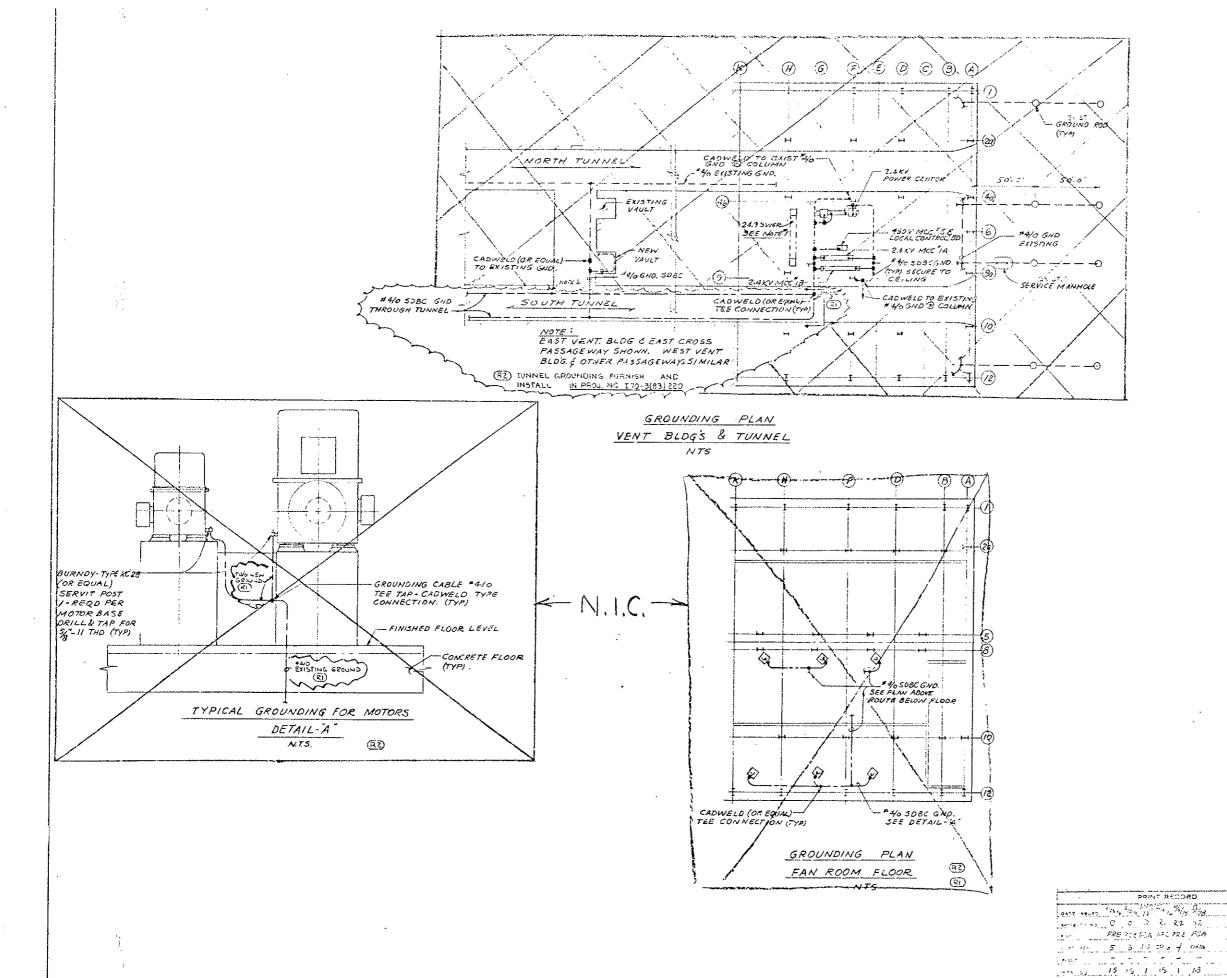
.

× 94 14









DIVESTOR PROJ. NO NO. COLORADO 170-3(83)220 130 YIV

- (E) DELETED GROWNING PLANT PAIN FLANT (GROUNDING SENT OR)
 REMISPO DETAIL AT TO SHOW THIST HE GROUNDING INDICATED FITURE
 CONTRACT, DRW 4446, A GR FLAND.
- (32) REVISED FOR PROJ. NO. 170-3/83/220

AS CONSTRUCTED NO REVISIONS] REVISED[] void[

LEGEND

---- EXISTING GROUND ---- NEW GROUND

NOTES :

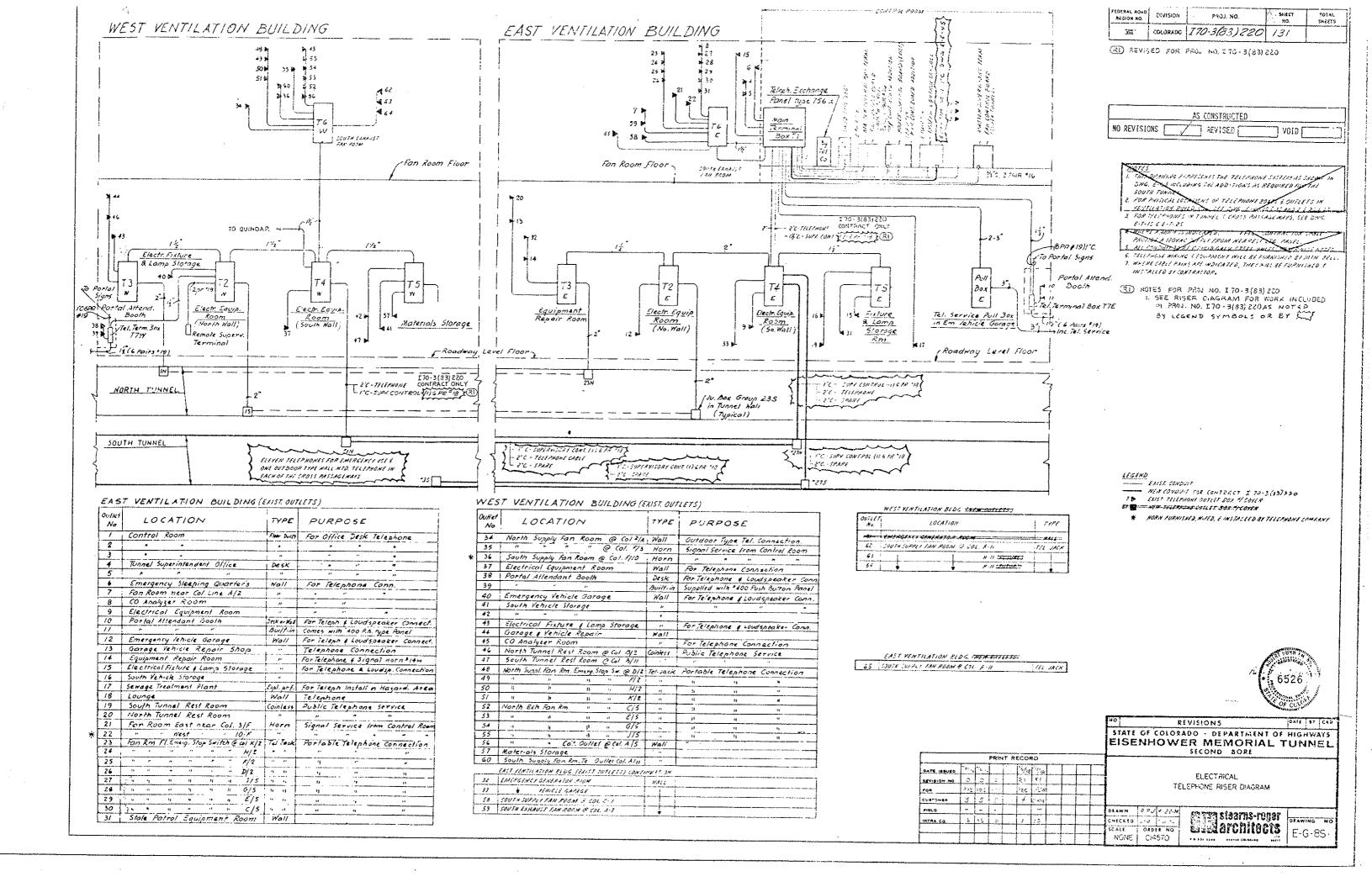
- H-NEW UNITS OF 243 KY SWITCH GEAR TO SE FIED INTO EXISTING GND BUS OF SWER;
- 2-ALL-SADUNDING-IN-VENT-BUILDING-TO BE
- +MSTALLED BY CONTRACTOR. ALL-GROUNDING-IN-TUNNEL-E-C-CROSS-PASSAGE WAYS TO BE INSTALLED BY THIS CONTRACT.

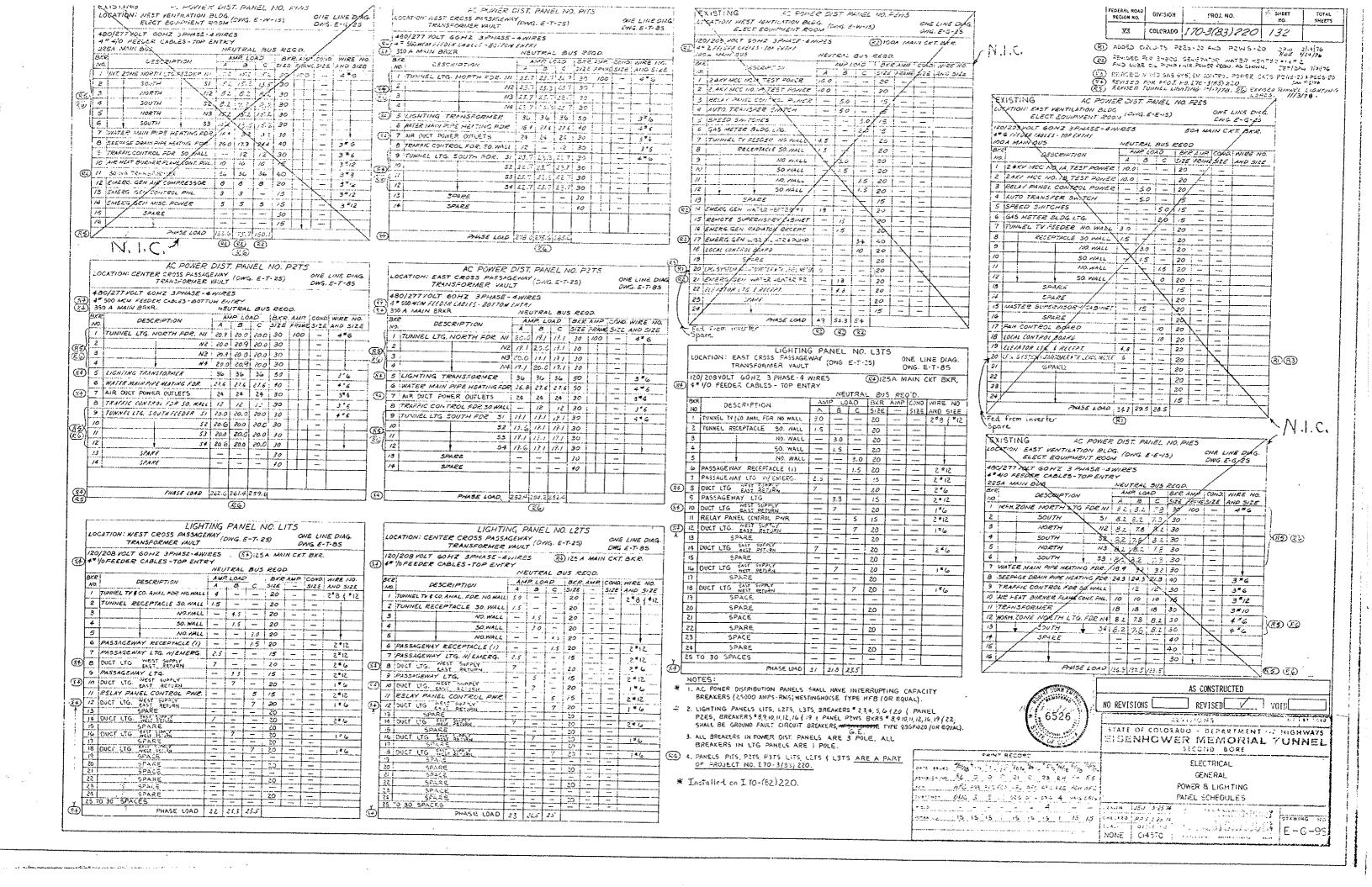
I WORK THIS DWG WITH DWG E-T-25

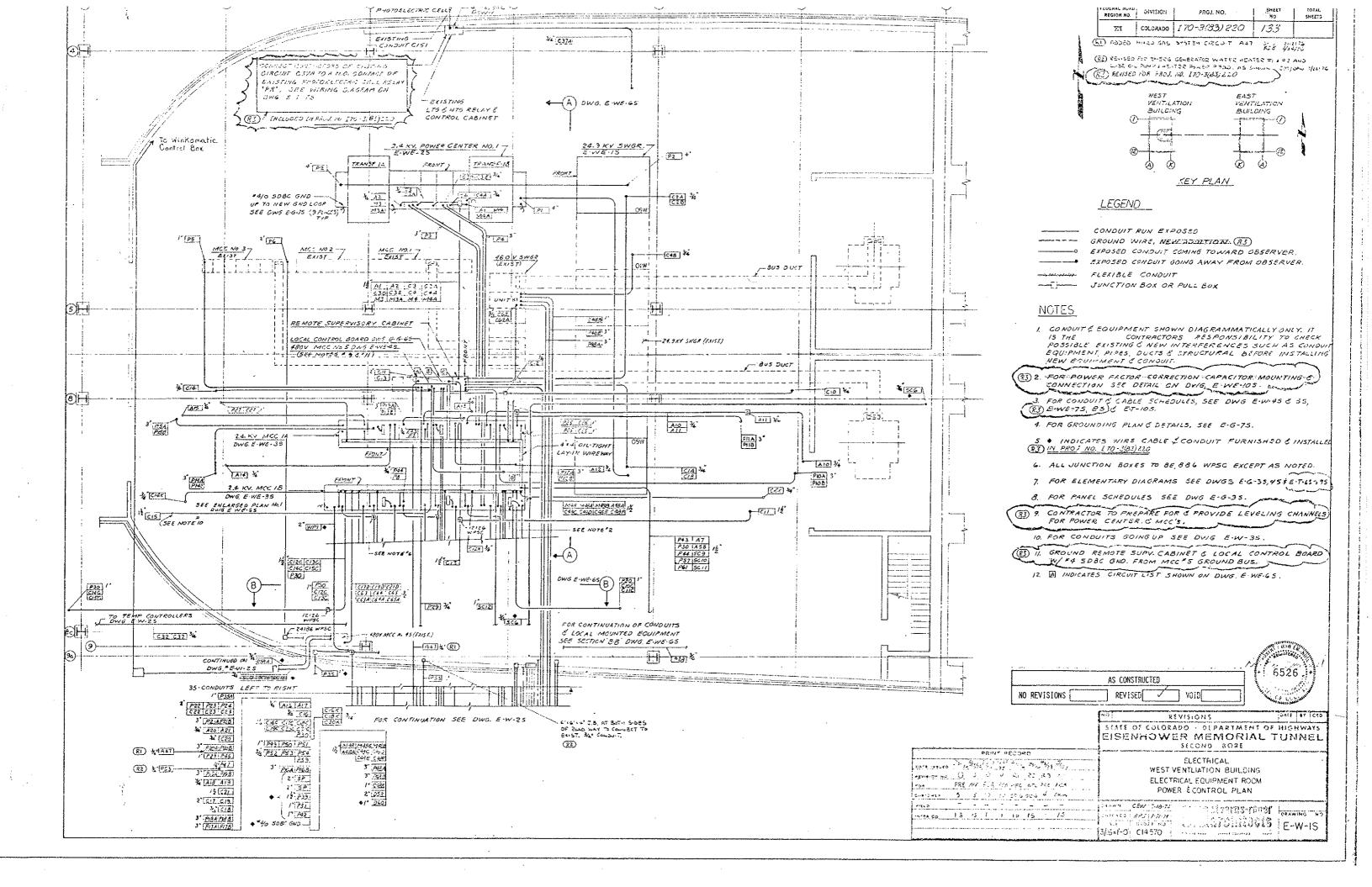
(R2) 2. BOHD THE "40 SDEC GROUND TO THE WATER MAIN AT ALL CROSS PASSAGE WAYS ARE AT THE YENTILATION BUILDINGS.

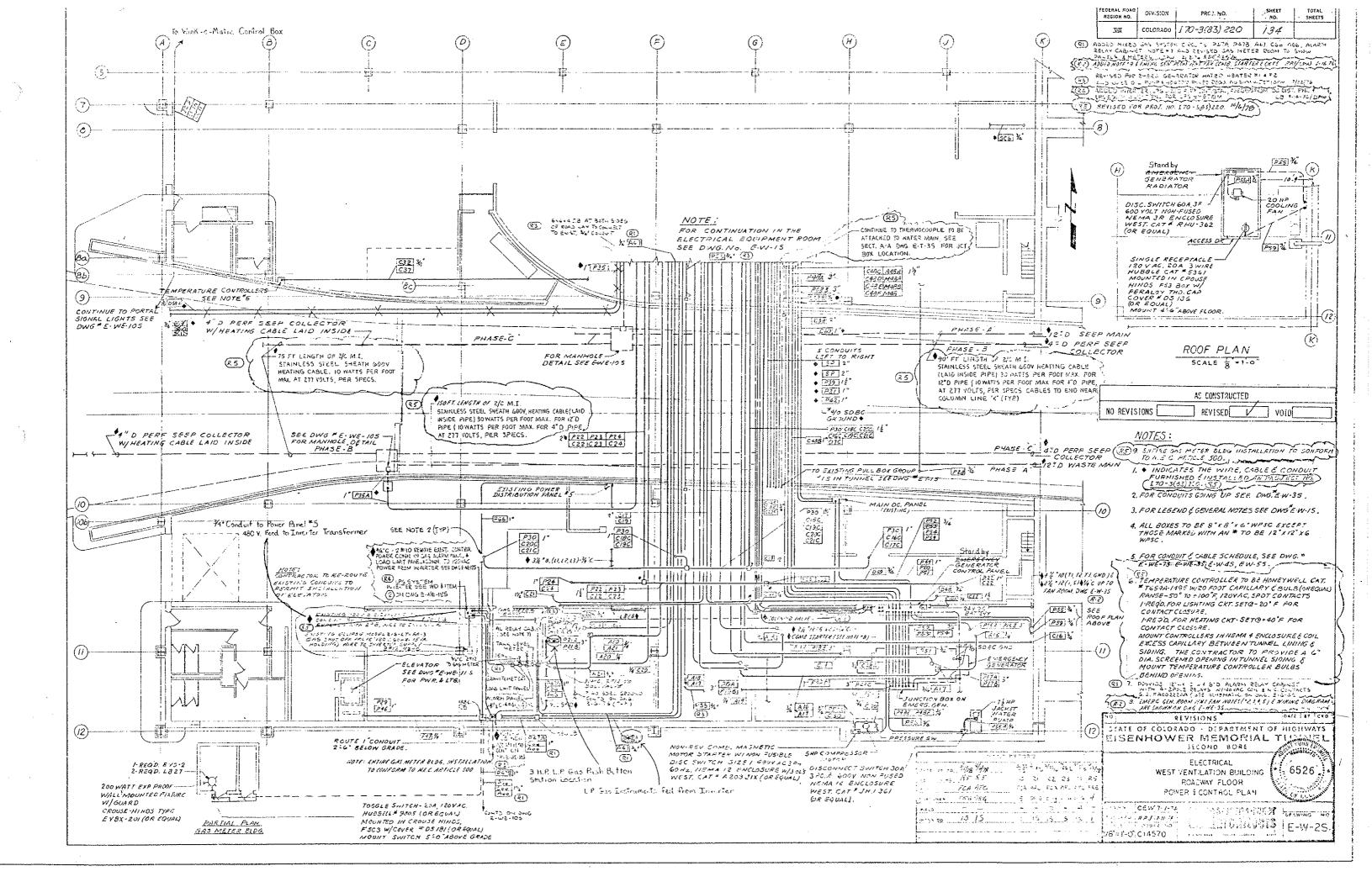


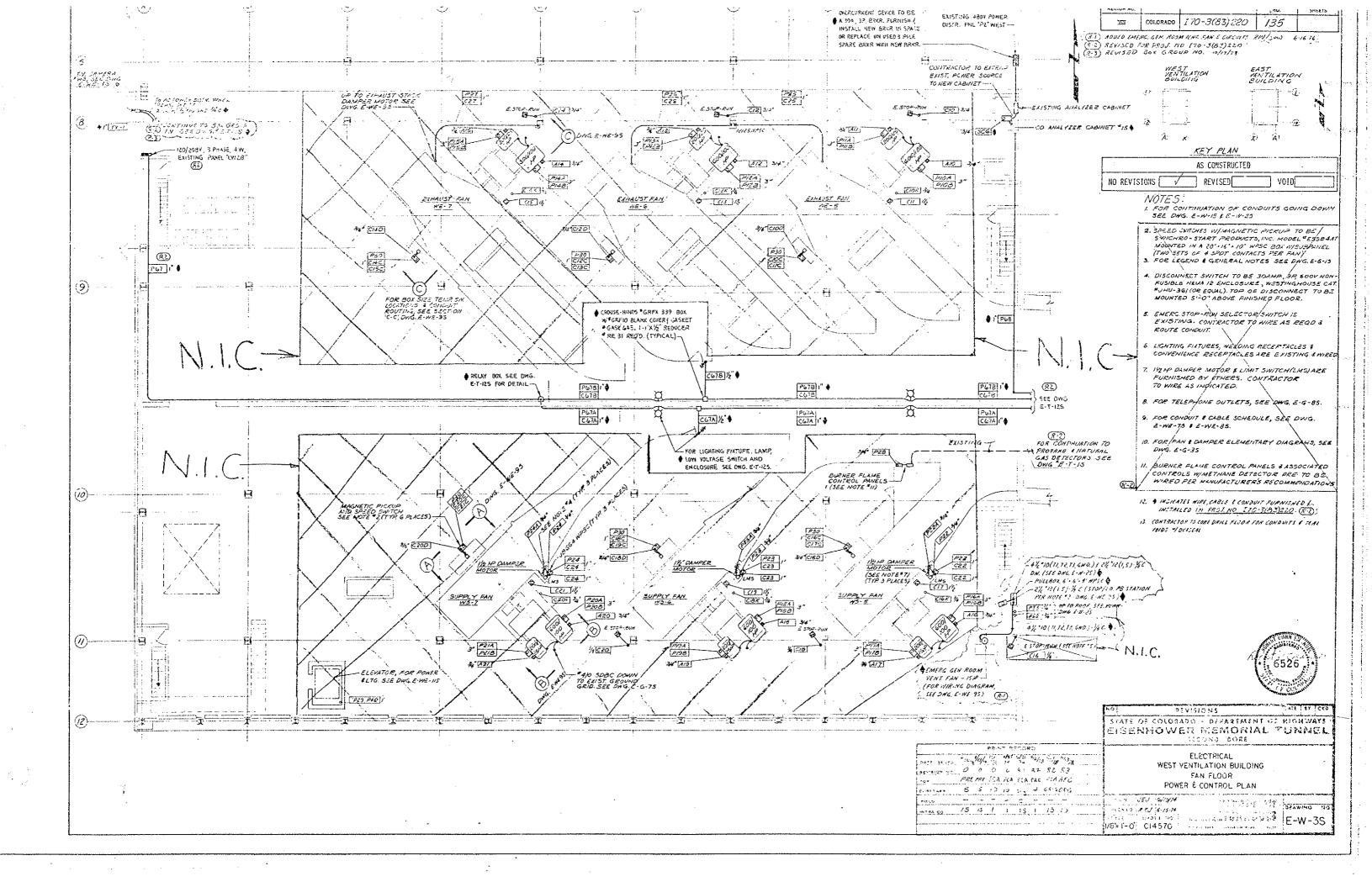
યુર્ગ	25	YIS!ON!	5		OKTE TET CE
		IR ME			HIGHWAYS UNNEL
		ELECTR			
	Pt	GROUND	· -		
	EW 6-13-74		200 A 100		i
	7J 6 27 74		r States.	1,000	E-G-78





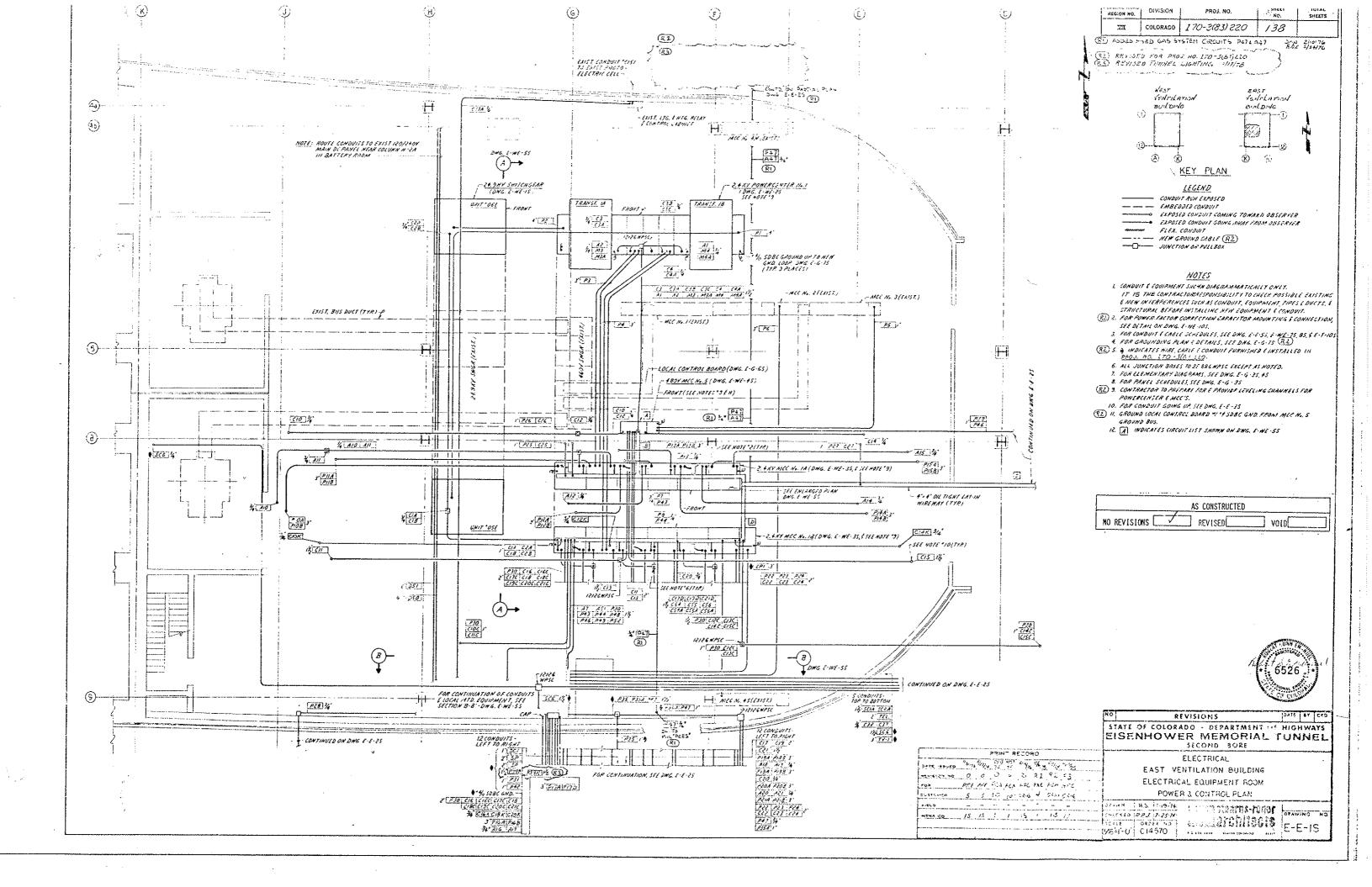


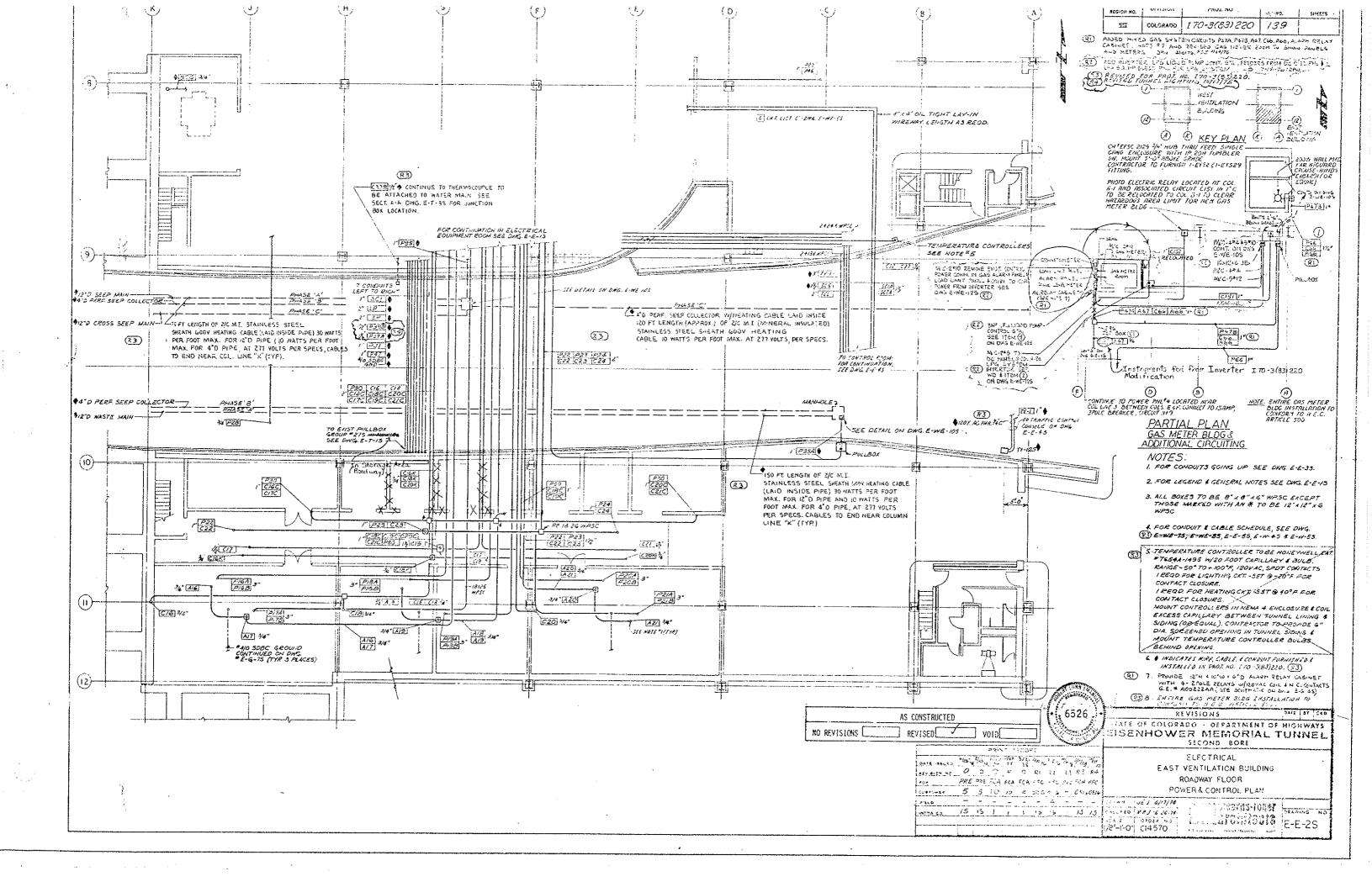


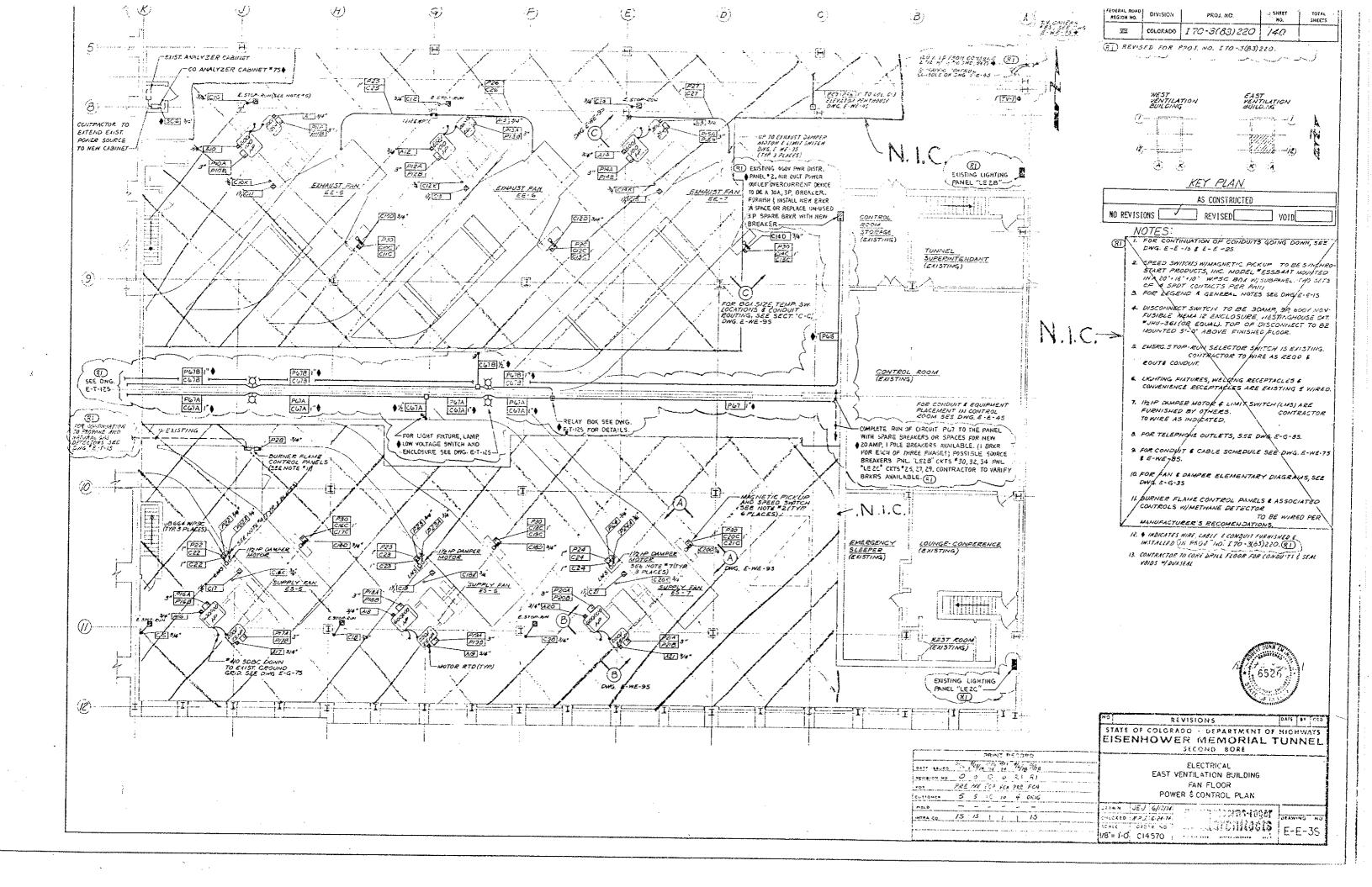


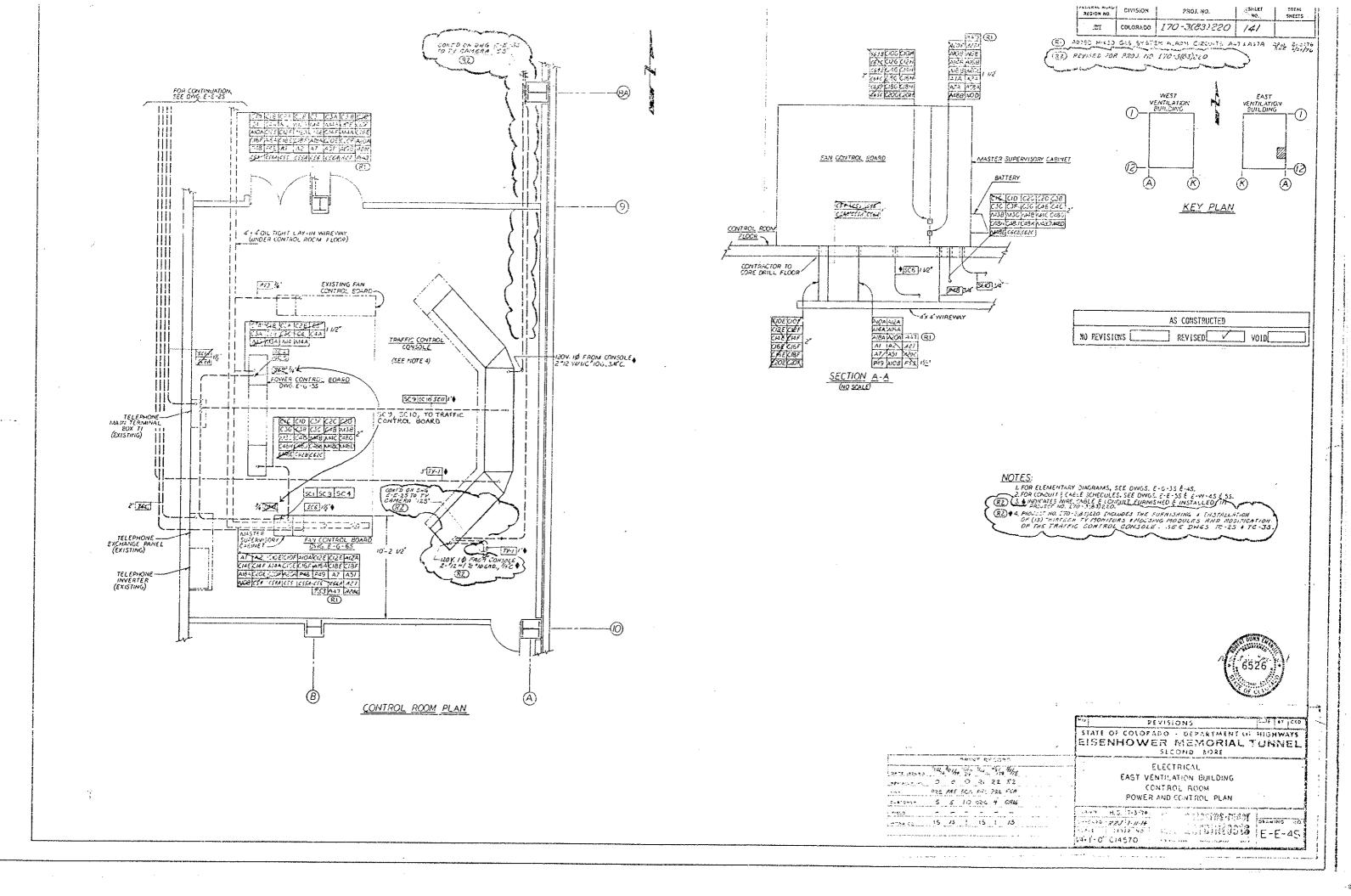
1	3	i e								,		
CONDUI	it į v	AIRE OR CABLE				CON	oun	WIRE OR CABLE	-4	10	DINCTION	TX COLCRADO 170-3(83)220 136
HO SI	IZE Z	SIZE & TYPE	FROM	TO	FUNCTION	нo	XIND SIZE	SIZE ATYPE	FROM	TO	PUNCTION	(R) ADDED HINED CAS SYSTEM CIRCUITS PATA, PATA, AATA AND REVISED CIRCUIT PATA DPW 214176, ROE 4/40/76
1 Same	3		24.9 KV SWITCHGEPR, UNIT OSKI	REMOTE SUPERVISORY CABINET	CONTROL						<u> </u>	REVISED FOR BHERG. GENERATOR WATER HEATER "14" 2 AND
11		1/0 = 12	MASTER SUPERVISORY CARINET	POWER CONTROL BOARD	CONTROL .	-	 	1				LAE OIL PUMPE HTR POWER REQU. AS SHOWN JET/DAN 7/14/25
-		1/04/2	•	į.	MOICATING LIGHTS	COE			LOCAL CONTROL BOARD	PEHOTE SUPERVISORY CABINET	SUPPLY FAN NO.6, CONTROL	(R3) REVISCO FOR PROJ. NO. 170 -3(83)220.
C21 -			24.9KY SMITCHGEAR, WIIT TOWN	REMOTE SUPERVISORY CABINET		CIBS	 	16 1/c*12 7 1/c*12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	CONTROL	
1 010		3 VC = 12 1 VC ≠ 12	MASTER SUPERNSORY CABINET	POWER CONTROL BOARD	CONTROL	0.04	-	6 yc#12	3332 33 5277-347 57-34		IND. LIGHTS	1
		1/5 = 12	•	ġ	INDICATING LIGHTS		1				SUPPLY SU	•
₹ 			ZAKY POWERCENTER HOLL, FOR BKR. IA	REMOTE SUPERVISORY CABINET		1181		1 45.12	MASTER SUPERVISORY CASINET	FAN CONTROL BOARD	SUPPLY FAN NO. 6, FAN FAILURE ALARM	
! [23.1		3 1/C = 1/2	MASTER SUPERIISORY CHEINET	POWER CONTROL BOARD	CONTROL	A182	 	2 1/2 1/2	LOCAL CONTROL BOARD	Z. FAY MCC No 18, UNIT'S	ALARM - MOTOR HIGH TEMPERATURE	AS CONSTRUCTED
C3E -		1 1/0 = 12	AND THE SECOND S		NOICATING LIGHTS	12:00	<u> </u>					NO REVISIONS REVISED YOLD
630	= 17	1/02/2	24KY POWERCENTER NO.1, SUSTIE	CEMOTE SUPERVISORY CABINET			Ţ			<u> </u>		
C3E		1 VC 4/2	MASTER SUPERVISORY CABINET	HOWER CONTROL BOARD	MOICATING LIGHTS CONTROL	}	+					
C35 -		1/C=12	MASTER SUPERVISORY CARRIET	;	UNDICATING LIGHTS	ļ	 					
N3 -		1/6 = 12	2.4KY POWERCENTER NO. 1, NUA SECT. IA	REMOTE SUPERVISORY CARINET		C20£		7 70412	LOCAL CONTROL BOARD	PENOTE SUPERVISORY CABINET	SUPPLY FAN NO.7, CONTROL IND. LIGHTS	1
4/3.4		VC*12		•	POLITHETER VIA TRANSDUCER	C20F		6 1/C*12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	. CONTROL	
			MASTER SUPERIISCRY CABINET	POWER CONTROL BOXED	VOLTMETER VOLTMETER	C20H		6 1/2 1/2			IND. LIGHTS	
M3C -		1/C=12 1/C=12	24KV POWERCENTER NO.1, FOR BKR.10	REMOTE SUPERVISORY CABINET	CONTROL						SUMBLE CAU NOTE CAN ENGINEE A COL	10755
1	= 13	1/0°12		<u></u> ,	INDICATING LIGHTS	A20A	~ -	1 VC#12	LOCAL CONTROL BOARD .	PEMOTE SUPERVISORY CABINET	SUPPLY FAN NOT, FAN FAILURE ALARM	NOTES:
11070		<u> </u>	MISTER SUPERISORY CABINET	POWER CONTROL BOAZD	CONTROL INDICATING LIGHTS	1201		1 1/2 1/2	MASTER SUPERVISORT CABINET	2. FXV MCC No. 18, UNIT "5	ALARM - MOTOR HIGH TEMPERATURE	J: FOR WIRE & CABLE, SEE D.O.H. SPECIFICATIONS, SECTION® 720
11070-		3 1/C*12 2 1/C*12	24KV POMERCENTER NO.I, AUX. SECT. 18	REMOTE SUPERVISORY CABINET	AMMETER VIA TRANSPUCER	1200	-	1 1/2 12	<u> </u>	REMOTE SPERVISORY CABINET		
11		? //C#/2 ·		J	POLIMETER YM TRANSDUCER	1201		1 1/6 17	MASTER SUPERVISORS CABINES	FAN CONTROL BOARD	<u> </u>	2 INDICATES WIRE, CABLE & CONDUIT FURNISHED & INSTALLED (TH PROJ. MO. 170-3(83)220. (R3)
1 77.72			MASTER SUPERNSORY CABINET	FOWER CONTROL BOARD	AMMETER VOLTMETER	 		1		 		(53)3. SMAE CONDUITS ARE NOT INDICATED ON THIS
MC	_ 2	1/C */2	<u> </u>	•		 	+	1				SCHEDULE BUT SHALL BE SKELLOED IN PROTING
CIDE	=1,	7 1/0 = 12	LOCAL CONTROL BOARD	REMOTE SUPERVISORY CABINET	EXHAUST FAN NO. 5, CONTROL	P28	1=	3 VC = 10 \$ 8C = 10G	AC POWER DIST. PANEL * PIWS	AIR HEATED BURNER FLANE CONTR. PNL.	FEEDER	AND SECTIONS PER NOTE 2.
<u> </u>	<u> </u>	6 VC*12		<u> </u>	IND. LIGHTS CONTROL				AC POWER DIST. PANEL "PZWS	SPEED SWITCH & TEMP CONTROLLE	VIOV FEEDER	
1000		7 1/0 # 12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	INALIGHTS	P30	-	2 1/0 = 12	AC POWER DIST. PANEL 12115	5-22- 5		
CIOH	16	VC#IZ	<u> </u>	*	¥	P31	\$ 1"	9 40 40	AC POWER DIST. PANEL *PINS	SOUTH TUNNEL MALL AC PULL BOX GEPS.	TEAFFIC CONTEOL	
A10.1	1	2 1/CT12	LOCAL CONTROL BOARD	RENOTE SUPERVISORY CABINET	EXHAUST FAN NO.S, TAN FAILURE ALARM					LES SUES CONTROL CHUST	WATER MAIN PIPE HTG. FEEDER	
. A103		1 1/2 12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARP		C32		4 VC =6	AC FOWER DIST. PANEL * PIWS	LTG. & HTG. CONTACTOR PANEL LTG. E HTG. ZELAY & CONTROL PAL.	CONTROL	
1100		1 1/2 1/2	LOCAL CONTROL BOARD MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	FAN SEARING NIGH TEMPERATURE ALARM	·		4 /6 6	LTG HTG CONTACTOR PANEL	HORTH TUNNEL WALL AC PILLEDX GRPS	WATER MAIN PIPE HTG. FEEDER	
AIOE		1 1/6°12	LOCAL CONTROL BOARD	2.4KY MCC No. 1A, UNIT "1"	ALARM - MOTOR VICK TEMPERATURE			4 40 12	TEMPERATURE CONTROLLER T.C. 3		CONTROL (T.C #3 POWER	(8)
		,				· ~	\$ 1/2"	1 2/C 20 CHOMEL)	AC POWER DIST. PANEL PINS	THERMOCOUPLE ON WATER MAIN LTG & HTG.CONTACTOR PANEL	TEMP SENSING. SEEPAGE DEAIN HTG. FEEDER	
						P34	+=	1 1/0"5	AC POWER DST. PWEL PMS	279 277 4.0077-07 07 777-02		
C/ZE		7 VC = 12	LOCAL CONTROL BOARD	REMOTE SUPERVISORY CABINET	EXHAUST FAN NO. 6, CONTROL	P35	♦ /*	4 400	LTG. & HTG. CONTACTOR PANEL	NORTH TUNNEL WALL DEATH, MANHOLE	SEEPAGE DEAIN HTG. FEEDER	Sales from the company of the company
11		6 VC#12	•	J	INQ LIGHTS		~ 	4 1/6"6	<u> </u>	SOUTH	TUNNEL INT. ZONES LTG. FEEDER NI, NZ, NS	
C/26	1.	7 YC *12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	IND.LIGH; 3	F36		12 15 6	AC POWER CIST PANEL *PIWS	LTG. & HTG. CONTACTOR PANEL	5/, 52, 53	
C/2H	_ •	6 YC *12		†	in in in its and its a	C37		2 40 12	TEMPERATURE CONTROLLER #1	LTG. EHTS. RELAY & CONTROL PHL.	<u> </u>	
1/21	= 1	1 VC #12	LOCAL CONTROL BOARD	REMOTE SUPERVISORY CABINET	EXHAUST FAN NO.6, FAN FAILURE ALARN	C 374		2 40.412	PHOTOELECTRIC CELL RELAY PK			A A A C A C A C A C A C A C A C A C A C
f		1 1/2 -12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	<u>,</u>	C378		6 YC #12	LTG. & HTG. CONTACTOR PANEL	NORTH TUNNEL WALL AC PULLBON GRPS	TUNNEL INT. ZONES LTG FEEDER MINENS	· · · · · · · · · · · · · · · · · ·
AIRC	$-\downarrow$	2 1/2 1/2	LOCAL CONTROL TOARD	ZARYMCC No. IA, UNIT "3	ALARM-MOTOR VIGN TEXHERATURE			12 1/C °C	<u> </u>	SOUTH	2,52,53	-
 -	 -	<u> </u>								ļ		
						P40		3 40 * 3	AC POWER DIST. PAHEL PIWS	30KVA TRANSFORMER PRIMARY	FEEDER 1201 2084 FEEDER	
					 	Ata	 	1 1/6"2	BONN TRANSFORMER SECONDARY	THE PUNEE MSI. PARCE "PENS	,	The second secon
CHE		7 1/2 4/2	LOCAL CONTEOL BOXED	REMOTE SUPERVISORY CABINET	EXPAUST FAN NO.7, CONTROL				AC POWER DIST. PANEL PZWS	HORTH TUNNEL AC PULLBOX GRPS.	TV CAMERA, TUNNEL, RECEPTACLE FOR.	
CHE	- (6 1/C*12	.		IND. LIGHTS	P42	¢ /"	4 40 8 8 4c 10G		SOUTH	TUNNEL RECEPTACLE FELDER	
		7 40 12	MASTER SUPERVISORY CABINET	FAN CONTECL BOARD	CONTROL INQ LIGHTS	P43		2 1/0 #12	<u> </u>	2.4 KV MCC NO.1A	120Y TEST POWER	- tunnet Ca () - T - the - TW - 2/23 200
C/4H		6 VC*12		 	WILL LIGHT S	P45		2 1/0 = 12		LTG. & HTG. RELAY & CONTROL PHIL		Instruments fed from Inverter I TO -3(83) 220 Modification
1/41		1 VC = 12	LOCAL CONTROL BOXED	REMOTE SUPERVISORY CABINET	EXHUST FAN HO.T, FIN FAILURE ALARM	PAG		2 1/c = 12 6 1/c = 10G		ELEVATOR PENTHOUSE	LTG. & RECEPTACLE FEEDER	The state of the s
A1+B		1 1/2 12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	•	P47		3 1/0 1/2	POWER PANEL PRINS BKE 6 4 20	LOCAL TUNCTION BOX	ALARM & CONTROL POWER	® - 6526
AITC		2 1/6 1/2	LOCAL CONTROL BOARD	2.9KY HCC No. 14, VHIT'S	ALARM - MOTOR NIGHTENPERATURE	P47A		2 % = 12	LOCAL JCT. SOX (SKR * 20)	HINED GAS SYSTEM ALARM & CTR PNL'S	LIGHTING FEEDER	® \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
<u> </u>						A47	-	5 1/6 =16	GAS HETER RM. ALARM RELAY CAS.	REHOTE SUPERVISORY PANEL	HIXED GAS SYSTEM ALARMS	(D)
<u> </u>						A+7A		5 % 7:2	HASTER SUPERVISORY PANEL	ANNUNCIATOR- FAN CONTROL BOND	ļ	®
						ļ	1	}				NO. REVISIONS , DAIS OF CAR
		7 1/2 12	LOCAL CONTROL BOARD	REMOVE SUPERVISORY CABINET	SUPFLY FAN NO. 5, CONTROL			11	NUC T-W-6C			STATE OF COLORADO - DEPARTMENT OF HIGHWAYS EISENHOWER MEMORIAL TUNNEL
CIGE		6 1/C#12			INO. LIGHTS		-	CONTINUED ON D)Wu, E-W-33		-	SECOND BORE
C/6 G	=1	7 76412	MASTEE SUPERNSORY CADINET	FAN CO- BOARP	CONTROL				•		. PRINT RECORD	ELECTRICAL TO THE TANK
CIGH		G YC#IZ		1,	IND. LIGHTS					DATE HIN	0 0 0 0 RI RZ R3 33	WEST VENTILIATION BUILDING
1/61		1 40=13	LOCAL CONTROL BONED	RENOTE SENSORY CABINET	SUPPLY FAN NO.5, FAN FAILURE ALARM			-		POR	PRE PRE FCA FEA AFC AFC FRE FCA	CONDIT É CABLE SCHEDULE
ANGE		J 1/2° 12	MASTER SUPERVISORY CARINET	FIN COOPER SOURD					•	CUSTONES	5 5 10 5 cec cec 4 cam	
AIGC		2. 46.15	LOCAL CONTROL BOARD	2.484.H.2. 4. 18. VAIT'	ALARIM - MOTOR HIGH TEMPERATURE					PRES	15 15 1 1 15 15 1 15	CHECKED PREFESTA
	 							•		жтла со	73 73 77 715 75 75 75	SCALE OADER HO EMPLOY DICHINGES F-W-45
	}			<u>4</u>								NONE CI4570
· · ·		*				1000						
	· •	$A = X_0 = \mathbb{I}$			·					·		

ı	-	<u>.</u>											DAVISION PROLEGY The I
CONO	UIT	WIRE OR CABLE			<u> </u>		0140017	7 1	VIRE OR CABLE				7 No. SHEETE
NO	SIZE	SISIZE & TYPE	FROM	70	FUNCTION	N	0 51	ZE E	SIZE & TYPE	FROM	Yo	FUNCTION	II CCLORUSO 170-3(83)220 137
5484	<u>KiNO 1</u>	4 YE SOOMEN	1608 ENSZ. WIT-"KI"	EMERG, GENERATOR CONTROL PANEL	less or w	- j	ONE PART	NU O	; \$2.000.000.000.000.000.000.000.000.000.0			!	(R) ADDED MINED GAS SYSTEM CIRCUITS COG LAGE JOW MINING
P480		3 10 " 500 MCM	7958 2752. 0477- 17	ENEXT. SEMERALE CONTECT PAREL	Veessa	66			1/2 1/2 1/4 * 12	4604 SHIFCHGERR, UNIT 'HI'	HEMOTE SUPERVISORY CABINET	INDICATING LIGHT!	(T) REVISED FOR ENERG, GENERATOR WATER HEATER PLATER
PIBC		4 1/C 500 MCM	EMERS GENERATOR CONTROL PANEL	EMERG, GENERATOR JUNCTION BOX		7 76	28 -	- 1 5	1/2.15	REMOTE SUPERVISORY CABINET	POWER CONTROL BOARD	CONTROL	AND ILIZE OIL PUMP ENTR, POWER 2500, AS SHOWN TEX DAW 7/19/76
AISO		3 1/c # 300 NCX			<u>*</u>	2.5	20 -	- 1	16012			INDICATING LIGHTS	(R3) REVISED FOR PROS. NO. 170-3(85)210.
PARE		e 1/c # 12. 3 Vc #12		 	GUIERG, GENERATOR FIELD EXC.					ļ	<u> </u>		
1		3 /2 /2	7	<u> </u>	1		3 -		16.15	140 MCE No. 45	REMOTE SUPERVISORY CABINET	CONTROL - FAN WS-S BULKHEADS	
048	= 1	2 1/0 10	EVERG. GENERATOR CONTROL PANEL	34V DC BATTERY COMPARTMENT	PAN DC FEEDER	7 }			16.15	MAST'S SUPERVISORY CARINET	FAN CONTROL BOARD	CONTROL	
C#8		5 1/2-15	1208 SAGR UPIT 'KI"	24.3KY SKITCHGLAR, UNIT 'SIN'	INTERCOCK	(6)	16 -	- 2	1/6.15	*		IND. 161.	
C484		9 1/c *12 7 1/c *12	EMERG. GENERATOR CONTROL PANEL	EMERG. GENERATOR JUNCTION BOX	:, E-NTERLOCK	┥ ┝			<u> </u>	<u> </u>			
C#8C		3 40=12		REMOTE SUFERVISORY CABINET		(5)			1/6.15	1801 MCC No. 45	REMOTE SUPERIISORY CABINET	CONTROL - TAN WS-5 BULKHEADS	
C#80		2 1/2 4/2			EMERG GEN. START-STOP SEL SW.	-7 }			12.12	MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	CONTROL	AS CONSTRUCTED
C48E	— Ì	2 1/0*/2			EMERG. GEN. 'ON' INO. LTG	(51			4'12	1	•	IND. 167.	
C48#		3 /2 /2	•		LON OIL & HIGH TEMP IND LTG.								NO REVISIONS REVISED V VOID
CARA		3 1/0 * 12 2 1/0 * 12	MASTER SUPERVISORY CABINET	POWER CONTROL BOARD	GOVERNOR SEL. SM. LEMERG, GEN. START-STOP SEL. SM	665			4%	120V MEC No. 15	REMOTE SUPERVISORY CABINET	CONTROL - FAN WS-7 BULKNEADS	
C48J		2 10 412			ENERS GEN. "ON"IND LTG.	C65	-		1/2 1/2	MASTER SUPERYISORY CABINET	FAN CONTROL BOARD	IND 161.	
C48K		9 10#12	3		LOW OIL & HIGH TEMP LTG.	665			1/6 1/2	· · · · · · · · · · · · · · · · · · ·	The same of the sa	140, 14T.	
	\Box							1		L			. '
1448.		2 1/0 # 12	EMERG. SEV. CONTROL PUNEL	REMOTE SUPERVISORY CABINET	IMMETER	12.			1/2.15	LOCAL CONTROL BOAPD	REMOTE SUPERVISORY CARINET	ALARM - FAN DAMPER FAILURE	
N484 N489		2 /c = 12 2 /c = 12	 	 	PRECENCY HETER	1/2	7/	- /	1/6 12	MASTER SUPERVISORY CABINET	FAN CONTRO! BOAND	<u> </u>	NOTES:
MHEC	_	2 75#16	MASTER SUPERILORY CARINET	FOWER CONTECT BOARD	AMMETER	1 -		3	<u> </u>	 	 		I. FOR WIRE & CABLE, SEE D.O.H. SPECIFICATIONS,
MHOD		2 1/6 2 12		l l	VOLTMETER	P66	6	- 1	Ka é Kas	POHEZ TYST PHE TS (EXISTING)	LP-GAS SYSTEM POWER PANEL	LPG SYSTEM FEEDER	SECTION TEA
MISE	_ [2 1/0 418	Į.	•	PREGENCY METER	CGG		.],	5'C 22 (600Y)	LPG STORAGE TANK LEVEL TRANSMITTER		LPG TANK LEVEL INDICATION	(R) 2 \$ INDICATES WIPE, CABLE & CONDUIT MUREVISHED &
1		2 14 H 10	CHARGE COLLEGE CHARLE	Pedary cupingana come	William Civicas coura ?	F66		- 12	16 =15	BLENDER CONTROL PANEL	GAS METER ROM ALARM PANEL		(R) 2 INDICATES WIRE, CABLE & CONDUIT MURVISHED & (NO STALLED (N PROJ. NO. LTO: 5 45 220 (LT))
148A 1488		E 1/C ₹12 1 1/C ₹12	MASTER SUPERVISORY CABINET	PEHOTE SUPERVISORY CABINET	ALARM-EMERG GENERATOR FAILURE ALARM-GENERATOR FAILURE		• /	7	V= #/-	ITE DU SUICE DOUGE SEE	DELLAY FOY		(B) SPARE CONDUITS ARE NOT INSICATED ON THIS
11.		<u> </u>				·	A ⊕ 7		· · · · · · · · · · · · · · · · · · ·	RELAY BOX	SUPPLY AIR DUCT LIGHTS	AIR DUCT LTG FOR	SCHEDULE OUT SHALL BE INCLUDED IN SROJILE E70-3(35)220 WHEN LOZNTIPLED ON PLANS
AVO		3 /c*12	AC POWEE DIST PANEL "PIWS	EMERG. GEN. CONTROL PANEL	FREDER - BATTERY CHARGER		13 07				EXHAUST AIR DUCT LIGHTS		(R3) AND SECTIONS PER NOTE 2.
1 200						(6)	A D	2 3	9c + 14		+	AIR DUCT LIG CONTROL	R3
049		5 VC P 10	120/240V DC MAIN PAHEL	EMERG GEN. CONTROL PANEL	MISC. CONTROLS	1007	8 ♦ ½	, 3	7c =14		EXHAUST AIR DUCT LTG CHTL SWS.		®
P50		3 1/0 3/2 2 1/0 × 100	AC POWER DIST. PANEL PING	COMB. MAGNETIC STARTER	FEEDER-NIR COMPRESSOR	04	a .		15 1 1 1/0 EAC	Ar POWER DISTO DIE DO WEET	RECEPTS, SUPPLY (EXHAUST DUCTS	DOWED ANTIETE	(a)
PSOA				AIR COMPRESSOR MOTOR (SIP)		\4		- []	~ 7 1/0 46.	LOW LOWEL DISTA - NAT LE MEST	THE CONTROL OF THE PROPERTY OF		
C50	$\equiv 1$	2 1/C =12		PRESSURE SWITCH	CONTROL								,
		1/4.50	14 TO 160 DOT TO 160 \$ 00 16								-		
P51		9 Vc=12	AC POWER DIST. PANEL * PIWS	EMERG.GENERATOR JUNCTION BOX	MISC. 480V POWER FREDER	 		_}					
P52		2 1/0 = 12	AC POWER DIST. PANEL * PZWS	EMERG.GENERATOR JUNCTION BOX		22)							
P53		2 1/2 1/3			LUBE OIL WEATER ECRC. PUMP	12	-			<u> </u>			
P54	<u>, I</u>	VC*IZ		+	- ENGINE WATER HEATER #2	32							
PS5		We # a # We # inc	EMERG, GENERATOR CONTROL PANEL	SOA DISC SWITTLI ON POOR	FEECER		-						
PS54				PADIATOR FAN MOTOR (2017)		 		-					
					-	-	1	+					
P56			EMERS, GENERATOR CONTROL PANEL		FEEDER								
P56A		3 VC #12 # VC #10G	30A DISC. SWITCH	JACKET WATER PUMP (71/21P)	· · ·			\dashv					
P57		2 1/0* 12	AC POWER DIST. PANEL * PZNS	REMOTE SUPERVISORY CABINET	IZOY AC FEEDER		+	-╂-┼					
							+	+					
D58				·- ·	TUNNEL EMERG.LTG. FEEDER								·
1			OC DISTRIBUTION PULLBOX GRR IN	· ···························	FOWER FAILURE STOP LIGHTS		1						
P58				AUTO. TRANSFER SWITCH REMOTE SUPERVISORY CARINET	CONTROL POWER		-	-					
458A				FAN CONTROL BOARD	1 1			┉┋╼┼					
							+	1+					
A/		2 40=15		REMOTE SUPERVISORY CABINET	ALARM - GEOUND NEUTEAL		1	1					
AIA				FAN CONTROL BOARD				П					TO THE PARTY OF TH
A2A		2 1/C #12 1 1/C #12		PENOTE SUPERVISORY CABINET FAN CONTROL BOARD			ļ	11					A second
A7		2 1/0 *12		REMOTE SUPERVISORY CABINET	- POWER PANELS OFF	-	+	+					Mate Equipmed
ATA			MASTER SUPERVISORY CABINET	FAN CONTROL BOARD	<u>, </u>								
							1						
P53	<u> </u>	2 1/6 = 10 4 1/6 = 106	AC POWER OST. PAILEL *P2WS	RECEPTACLE AT EXPLATOR FAN	LOV AC FEEDER	}	 	4					
060	/"	3 VC *4	MAIN DC PANEL	OC DISTRIBUTION PULLBUX GER IN	TECEPHONE MARCHE & STEPPE DEAT YOR.	-	+	+					HO REVISIONS DATE ST CES
261					20 / AC FOR - TEMP CONTROLLERS	٠٠.	<u> </u>	1!					STATE OF COLGRADO - DEPARTMENT OF HIGHWAYS
											-		EISENHOWER MEMORIAL TUNNEL
505				LTG. & HTG. RELLY & CONTROL CARWET								PAINT RECORD	SECOND BORE
509				PORTAL SIGNAL LIGHT WIRED 'X' PORTAL SIGNAL LIGHT WIGREGUARROW	TENFAIC CONTROL						DATE HOMES	715 124 12 1 1 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ELECTRICAL
50//		2 /c */2 2 /c */2		FORTAL SIGNAL STOP LIGHT .	<u>-</u>					•		0 0 0 0 21 82 23 831	WEST VENTILATION BUILDING
3C/3		<u> </u>		REMOTE SUPERVISORY CAMPIET	SUPERVISORY CONTROL					-	ros	FRE ME FLA FLA ARC ARC FRE FCA	CONDUIT É CAPLE SCHEDULE SHEET NO. 2
									, .		CURTOMER	5 \$ 10 5 086 016 4 084	
		4				-			•	**************************************	PIELO	15 15 1 1 15 15 1 15	315011971988
1		<u> </u>							•				SALE OLUZE NO ELLE SICILIZACIONE
L		· · · · · · · · · · · · · · · · · · ·							· · · · · · · · · · · · · · · · · · ·				NONE CH4530- MARIEM MARIEMAN CHAPTER CONTROL CH4530-
					•								



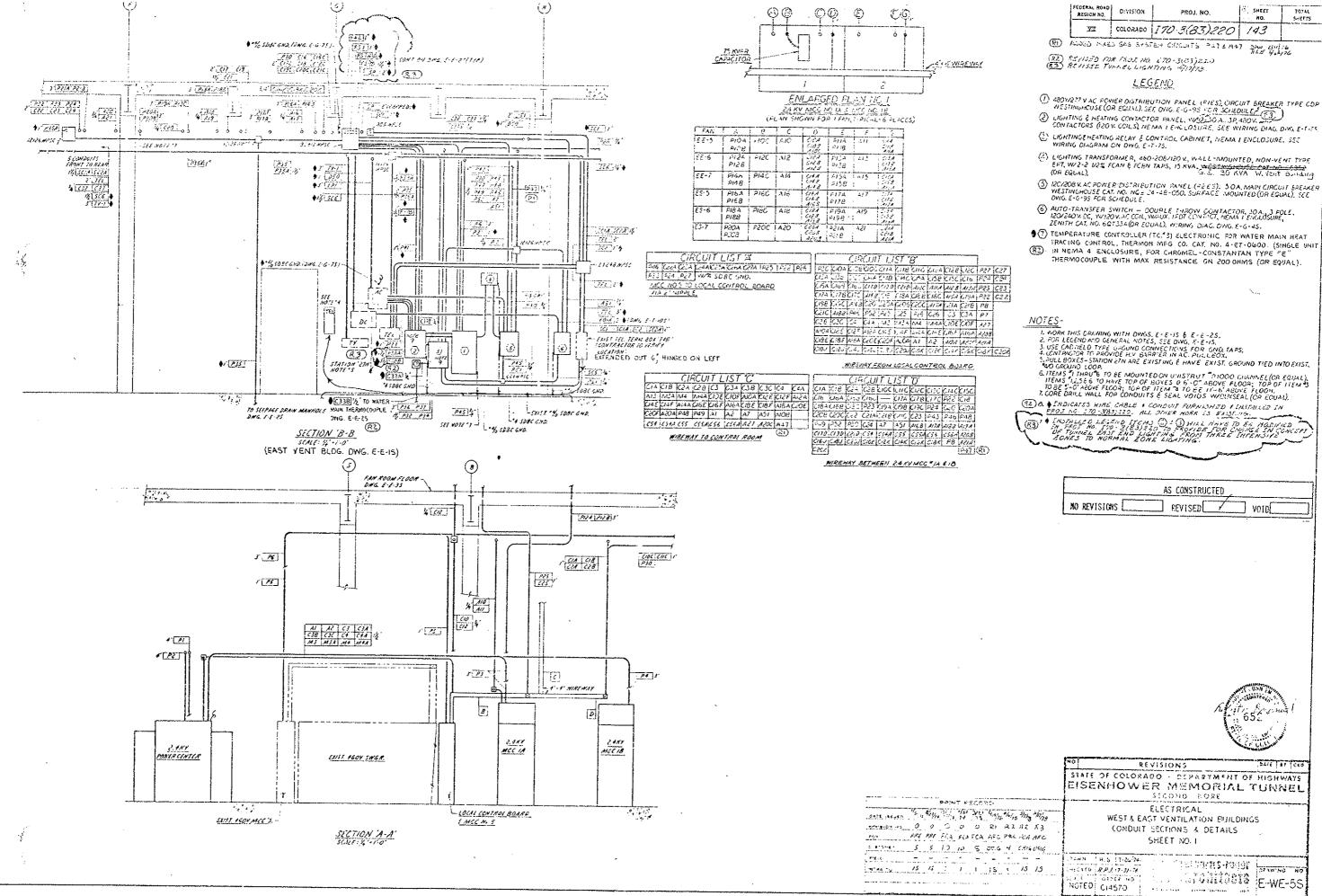




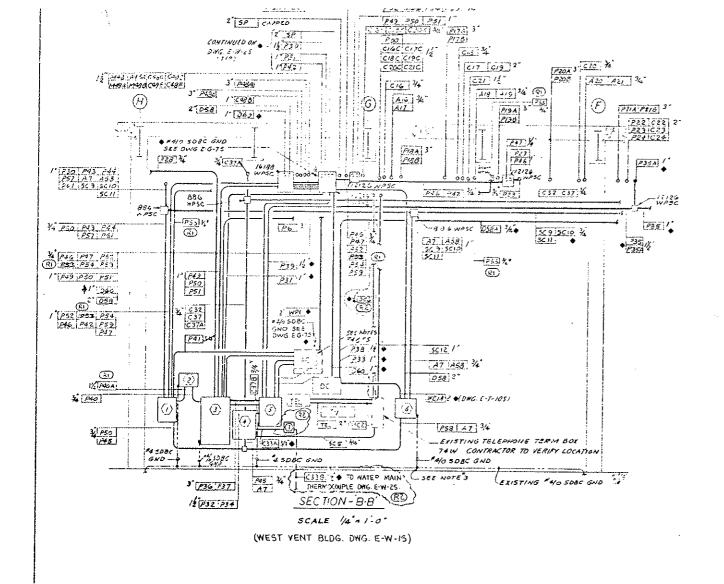


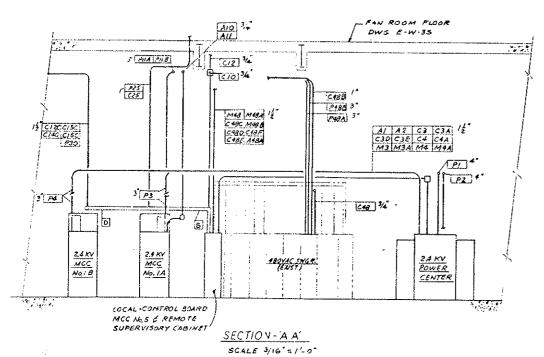
NO SIZE	WIR		1	ļ	}] CO	- ADOLL	BAD BO BRIW				~7	201 COLORADO 170-3(83)220 142
	3 s	SIZE & TYPE	, FROM	To	FUNCTION	NO	5176	SIZE & TYP	FROM	ro .	FUNCTION		<u> </u>
7/4	1	ec.*Vd	124.3PV SWITCHGEAR, WAIT TOSE	POWER CONTROL BOLES	CONTROL .	-	1.134	11.0	LTS 1 HTG, CONTACTOR PANEL	WORTH THE PLACE OF SEC. CO.	COMMENT IN SECURIOR	400	(#) ADDED HIZD GAS SYSTEM CIZCUTS PATA, P
75 -	1312	60 8 1 2	,		11:010=77.4 \$ C15- T		C 3	6 1/5 6	2.3 F.4.5. CONTACTOR PARIET	SOUTH THINEL AC PULLBOX GE			(2) REVISED FOR FEOJ NO. 170-3183)220.
2-1		** *** ********************************	24.3KY SHIT HGEAR, UNIT * DEE	1	CONTEGL			8 11:16	1	SOUTH	1 7.51, 51		(3) REVISED TUNNEL LIGHTING AJINIA.
3		2512	!	!	INDICATING LIGHTS	1740			AC POWER DIST MANEL * PIES	····	<u> </u>	4 166	
3		··	2.4KI PONESCENTER NOV FOR BUR.	44	CONTROL	1960		4 1/0 # 6	•	VSKVA TRANSFORMER PRIMERS	120/2067 PEEDER		·
لرو		/c=/2		+	INDICATING LIGHTS	1 1		170	TONYA TRATOPOLITER SECURIORS	7 707 7072 2 2 2 2 7 7 7 7 7 2 2 3	120/2007 FEEDLA		
<u> </u>			24KI PONESCENTER NOT BUS TIE		CONTROL	1	-	1	n l a ca co ner gue Falee				
		S=12			INDICATION, LIGATS	1	* /		AC POWER DIST PAHEL # PZES	MORTH TURNEL WILL AC PULLBOISE	TURNEL RECEPTABLE PEEPER		
73 -			ZARY PONISCENTER NO LAUR SECT .	4	AMMETER	7		3 15"8 € 1/5 W.	5	1007-	THINEL PECEPTICLE FEEDER	_	
3.4		~ -	2.4.7.5.02.1.22.0.22.0.2.22.1.2			P43		2 1/2 112		2.4KV MEC NO.1A	120V TEST POWER	_	AS CONSTRUCTED
4			2.4KV POWERCENTER MC.I FOR BKR		VOLTHETER	P41		2 1/5=12		2.4KV MCC 1/J./B	•		Les partereus Carrers Carrers Carrers
		·	2.417 POWER CONTEXT OF THE SKE		CONTROL	PV5		2 1/2 = 12		LTG # HTG "FLAY & CONTROL PA	NI 120V FEEDER		NO REVISIONS REVISED V
44	- -	(C≠12			INDICATING LIGHTS	946		2 12 18 16	4	ELSVATOR PENT-POUSE	LTG. 1 RECEPTACES PEEDER		
14 -			2.4 KV PUMERCENTER VO. J. AUX SECT.	·	AMMETER	P47		3 10 7/2	PC_52 PA-CL P255 312 6 6 20	Local Tet. 30x	LTG FEEDER (INSTRUMENTS)4	13	Instruments fed from Inverter I 70-3(83
4,4	12 1/10	C *12	<u> </u>		VOLTMETER	2474		2 1/2 212	LOUAL 757, Box (343°23)	MRKED GAS SYSTEM ALARM #CTR PIC	S MARCH I CONTRUL POWER		Modification.
					<u> </u>	P+78	-	2 1/2 7:2	(212'0)	GNO HE TE SELO LIST	E647HG FERUSE	\ <u>.</u>	0
0E -	-4	0 12	LOCAL CONTROL BOARD	FAI. CONTEGL BOARD	EXHAUST FAN NO 5, CONTROL	A 47		5 1/6 = 12	GAS METER RM ALARM RELAY CAB.	AN - 24 C 4 TOR - FEN CONTROL BOARD	MIKED GAS SYSTEM ALARMS	ার	D
OF	10 10	C 7/2			IND. LIGHTS	3.,	-	11年 12年 12年 12日	AC POWER DIET PANEL PROSES	1748 DR 2011 N 2004 CAUNST	IZOV. FEEGER	7	
						DYd		1 1/2 = 12	İ	24×100×130×130×180	+	_	
01	2 00	C*/2	DOCAL CONTROL BOARD	FAH CONTROL BOARD	ENHAUST FAN NO. E. FAN FAILUSE ALARM	U50) 1°	3 70"+	MAIN DC PANEL	DC DISTALEUTION - 1:1 BOX GROUP '27	N TEL MARKER É S'ENALLET, FOR TUNNELLELL	ūč	
DE		£*12			PERPORTENA	1	·				1		
y	12 1/2	4'12	•	3.411 MCCNO 14. UNIT'1	MARIA - MOTER HIGH TEATER STORE	1	j	11				-	
						50/4	92"	1 600 BIB SALD	TEL. BOX'THE	MALL TENSMINAL BOX TI'	SUPERVISORY CONTROL	-	
25	7 /	t = 12	LOCAL CONTROL BOARD	FAN CONTROL BOARD	EXHAUST FAN NO.6, CONTROL			1 6,56 3/3 5.46				-	
25 -		c*/2	•	.	NO. LIGHTS	1	♦ ./_	1 2,00,6 5460		LTG 2 HTG. ESLAY & CONTROL CA	B CONTACTOR RESET	- <u> </u>	NOTES:
\neg	11		······································	<u> </u>		1 1		1 2/C 7/6 3HLD	CO ANALYZER CABINET "75	F4. CONTY 1. BO- 20	CONTROL	- 	
21	1 1/0	C=12	LOCAL CONTROL BOARD	ENI CONTROL BOKE	EXHAUST FAN NO.6, FAN FAILUPE ALARA		+		Mar TERMINAL BOX 'TI'	POWER CONTEST BONES	 	-	1. FOR WIRE & CABLE, SEE A
2.9	+	1/2 12	1	2. 4KY MCC No. 1A, VAII = 3	ALARM - MOTOR HIGH TEMPERATURE	3010		2 210 \$16 5HED	 		CONTACTOR RESET	-	SPECIFICATIONS, SECTION * 120
-	1-1-1	5 				1 +		1 6PE 18 3NL		TREES CONTROL CONSOLE	SUPERVISORY CONTROL		2. INDICATES WIRE, CABLE &
	1			 	<u> </u>		12/	11 1000 10 300	<u> </u>	TRAFFIC CONTROL CONSOLE	<u> </u>	4	FUEINISHED & INSTALLED ! IN
1E -	7 40	C#12	LOCAL CONTROL BOARD	FAN CONTROL BOARD	EXHAUST FAN NOT, CONTROL	ļ		13/40 7 : 5	1		<u> </u>	4	HO. [10-3(83)220. (FZ)
	6 1/0			1	IND. LIGHTS	1/		2 1/5=12	2.4 XY PONERCENTER TRANSF 18	FAN CONTEST BOARD	ALARM - GROUND NEUTRAL	_	
	10175				1110. 219413	AZ	-	2 /C#/2	* TRANCE 'IA'		 	_	E 3 FAZZA COCCO STOPAUE COURT
-	}, 	(r#12	LOCAL COUTEOU ACCES	FAN CONTROL BOARE	FRANKIST FAN MOT CAN SWINGS IN THE	AZ	-+	2 1/2 12	L'G. E HTG. RELAY E CONTROL CABINET	 	POWER PANELS OFF	_	WEDEROR ATTER AND SHEET AN
			LOCAL CONTROL BOARD		EXHAUST FAN NO.7, FAN FAILUFE ALASM	127	ļ	1 1/4 - 15	LOCAL CONTROL BOARD	<u> </u>	FAN DAMPER FAILURE	_	ATTENDED OF THE SECTION (SECTION SECTION SECTION (SECTION SECTION SECT
48	2 1/2	e -16	\	2.4 NY MCC N. IA UNIT'S	ALAAM - MOTHE WAA TEMPERATURE		1	1 / 2011	<u> </u>	<u> </u>	1	_	335, SPARE CONDUITS NAE NOT ENDIN
<u></u>	i —					77-/	∳ /*	COAN CABLE	PORTAL TV CAMERAS'ES 1125	TEAFFIC CONTROL CONSOLE	TIPICAL	t	THIS SCHEDULE BUT SHALL BE
	1]	ER PROJ. Nº 170-3(83)220 WHO OF PLANS & SECTIONS PER NO
ee —		· · · · · · · · · · · · · · · · · · ·	LOCAL CONTROL BOARD	FAN CONTROL BOARD	SUPPLY FAN NO.5, CONTROL			<u> </u>				7	
6F	6 16	¢ *12	<u> </u>	ļ	MD. LIGHTS	D51		3 /- 1/0	MAIN DC PANEL	AUTO, TRANSFER SWITCH	TUNNEL EMERG. LTG. FEEDER	7	
				<u> </u>	<u> </u>	PSi		2 1/2 1/2	AC POWER DIST. PANEL "PRES		CONTROL POWER	7	
61 —			LOCAL CONTROL BOARD	FAN CONTROL BOARD	SUPPLY FAN NO.5, FAY FAILURE ALASM	151	-	2 1/2 12	AUTO. TRANSFER SWITCH	PAN CONTROL BOARD	ALARM - EMERG. LIGHTS ON	7	
S 5	2 %	16.15		2.4K8 MCC N. 13. UNIT 1	ALARM - MOTOR WIGH TEMPERATURE			1		1		1	
						PSZ		2 1/6 1/2	AC POWER DIST. PANEL "PEZS	LOCAL CONTROL BOARD	IZOVAC FOR - TEMP. CONTROLLERS	1	
	1 [- Address							7	
		0 \$1.3		FAN CONTROL BOARD	SUPPLY FAN NO. G, CONTROL	P53	T	2 1/6-12	ETIST FAN CONTROL BOARD	NEW FAN CONTROL BOARD	120V CO ANALYZER RECORDER FOR	7	
			LOCAL CONTROL BOARD	VAN CONTROL BOXED	1000 1000 1000 1000					T			
5F —	+		LOCAL CONTROL BOARD	JAN COVIECE BOXED	IND. LIGHTS			1 !		ł .		-	
<i>5,</i>			LOCAL CONTROL BOARD	JAN COVIECE BOXED	- 	C5+	-	1 1/4 1/2	480Y MCC N+ 45	FAN CONTROL BOARD		1	
		7/2	LOCAL CONTROL BOARD	FAN CONTROL BOARD	- 	CS+ CS+A	+	1 1/4°12	480Y MICH+ 45	FAN CONTROL BOARD	CONTRAC - FAN ES S BULKHEADS IND 167.	1	
9,4 —	6 X	c*/2			IND. LIGHTS	·	+		480Y MC(N+ 45	FAN CONTROL BOARD	CONTROL - FAN ES S BULKHEADS	 	
9,4 —	6 X	c*/2		FAN CONTROL BOARD	IND. LIGHTS SUPPLY FAN NO G FAN FALLURE SLAPM	·		₹ 1/2 *12	480V MCC No. 45		CONTROL - FAN ES S BULKHEADS IND 16T.		
9,4 —	6 X	c*/2		FAN CONTROL BOARD	IND. LIGHTS SUPPLY FAN NO G FAN FALLURE SLAPM	C5+A		2 1/2 °12 1 1/2 °12		FAN CONTROL BOARD 4 IAN CONTROL BOARD	CONTROL - FAN ES S BULKHEADS IND 16T. CONTROL - FAN ES-6 BULKHEAD:	7-	
91	6 K	5*12 5*12 6*12 6*12		FAN CONTROL BOARD	IND. LIGHTS SUPPLY FAN NO G FAN FALLURE SLAPM	CS+A CSS		₹ 1/2 *12			CONTROL - FAN ES S BULKHEADS IND 16T.		
9	6 K	5*12 5*12 6*12 6*12	LOCAL CONTROL BOARD	FAN CONTROL BOARD 24XX MCC M. 18, UNIT 12	SUPPLY FAIN NO G. FAN FAULUSE ALARM ALARM - MOTOR HICH TEMPERATURE	C55A		2 1/2 *12 1 1/2 *12 2 1/2 *12	FROVMCC N. 45	IN CONTROL BOARD	CONTROL - FAN ES S BULKHEADS IND 16T. CONTROL - FAN ES-6 BULKHEAD: IND 16T.		
9%	6 K	5*12 5*12 6*12 6*12	LOCAL CONTROL BOARD	FAN CONTROL BOARD 24XX MCC M. 18, UNIT 12	SUPPLY FAN NO G FAN FALLORS ALARM ALARM - MOTOR HIT Y TEMPERATURE SUPPLY FAN NO. T, CONTROL	C54A C55 C55A		\$ 1/c*12 \$ 1/c*12 \$ 1/c*12			CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BULNHEAD: IND 1GT. (ONTROL - FAN ES-7 BULNHEADS		
9,4 — 9,8 — 9,6 — 9,6 —	6 K 1 1 % 2 % 7 1 % 6 1/2	C*12 C*12 C*12 C*12 C*2 C*2 C*2 C	LOCAL CONTROL BOARD	FAN CONTROL BOARD 24XX MCC M. 18, UNIT 12	SUPPLY FAN NO G FAN FALLORS ALARM ALARM - MOTOR HIT Y TEMPERATURE SUPPLY FAN NO. T, CONTROL	C55A		2 1/2 *12 1 1/2 *12 2 1/2 *12	FROVMCC N. 45	IN CONTROL BOARD	CONTROL - FAN ES S BULKHEADS IND 16T. CONTROL - FAN ES-6 BULKHEAD: IND 16T.		
91 — 38 — 06 — 04 —	6 K 1 1/2 2 1/2 7 1/2 6 K 1 1/2	C*12 C*12 (*12 C*2 (*12 C*2 C*2 C*2 C*12	LOCAL CONTROL BOARD	FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD	SUPPLY FAIL NO. T, FARFALTER SUPPLY FAIL NO. T, CONTROL JEAN SUPPLY FAIL NO. T, CONTROL JED LIGHTS SUPPLY FAIL NO. T, FARFALTER SUPPLY FAIL NO. T, FARFALT SUPPLY FAIL NO. T, FARFALT SUPPLY FAIL NO. T, FARFALT SUPPLY FAIL NO. T, FARFALT SUPPLY FA	C54A C55 C55A		\$ 1/c*12 \$ 1/c*12 \$ 1/c*12	FROVMCC N. 45	IN CONTROL BOARD	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BULNHEAD: IND 1GT. (ONTROL - FAN ES-7 BULNHEADS		
26	6 1/2 1 1/2 2 1/2 7 1/2 6 1/2 1 1/2 2 1/2	C*12 C*12 (*12 C*2 C*2 C*2 C*2 C*12 C*12	LOCAL CONTROL BOARD	FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD 2.4 IV MCC N- 18. UNIT 'S	SUPPLY FAN NO G FAN FULUE SLAPM ALARM - MOTOR NU'N TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS	CS+A CS-S CS-SA CS-SA CS-SA		2 1/4 1/2 1 1/4 1/2 2 1/4 1/2 4 1/4 1/2 2 1/4 1/2	\$20V MCC N. 15	IAN CONTROL BOARD FAN CONTROL BOARD	CONTROL - FAN ES S BULNHEADS IND 16T. CONTROL - FAN ES-6 BULNHEAD: IND 16T. CONTROL - FAN ES-7 BULNHEADS IND 16T.		
9/ — 98 — 06 — 04 —	6 K 1 1/2 2 1/2 7 1/2 6 K 1 1/2	C*12 C*12 (*12 C*2 C*2 C*2 C*2 C*12 C*12	LOCAL CONTROL BOARD	FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD	SUPPLY FAIL NO. T, FARFALTER SUPPLY FAIL NO. T, CONTROL JEAN SUPPLY FAIL NO. T, CONTROL JED LIGHTS SUPPLY FAIL NO. T, FARFALTER SUPPLY FAIL NO. T, FARFALT SUPPLY FAIL NO. T, FARFALT SUPPLY FAIL NO. T, FARFALT SUPPLY FAIL NO. T, FARFALT SUPPLY FA	CSSA CSSA CSSA PGG		2 1/2 1/2 1 1/2 1/2 2 1/2 1/2 4 1/2 1/2 2 1/2 1/2 4 1/2 1/2 1/2 4 1/2 1/2 1/2 1/2	\$20V MCC N, 15 \$80V MCC N, 45 \$80V MCC N, 45	IAN CONTROL BOARD FAN CONTROL BOARD LGAS SISTEM FOWER PANEL	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEAD: IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER		
9% — 38 — 06 — 06 — 07 — 08 —	6 1/2 1 1/2 2 1/2 6 1/2 1 1/2	C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD	FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD CAN CONTROL BOARD CAN CONTROL BOARD	SUPPLY FAN NO G, FAN FAULTE ALARM HARM-MOTOR HEN TEMPERATURE SUPPLY FAN NO.T, CONTROL IND LIGHTS SUPPLY FAIT NO.T, FAN FAULTE ALARM ALARM - MOTOR HEN TEMPERATURE	CSSA CSSA CSSA PGG		1 1/6"12 2 1/6"12 4 1/6"12 2 1/6"12 4 1/6"8 6 1/6" 8 G 1 5/6 * \$22 (6000)	# # # # # # # # # # # # # # # # # # #	IAN CONTROL BOARD FAN CONTROL BOARD LGAS SISTEM FOWER PANEX GIOMETER BOOM LEVEL METER	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEAD: IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER PG TALL LEVEL INDICATION)(3)	
9% — 38 — 06 — 06 — 07 — 08 —	6 1/2 1 1/2 2 1/2 7 1/2 6 1/2 1 1/2 2 1/2	C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12	LOCAL CONTROL BOARD	FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD 2.4 IV MCC N- 18. UNIT 'S	SUPPLY FAN NO G, FAN FAULTE ALARM HARM-MOTOR HEN TEMPERATURE SUPPLY FAN NO.T, CONTROL IND LIGHTS SUPPLY FAIT NO.T, FAN FAULTE ALARM ALARM - MOTOR HEN TEMPERATURE	CSSA CSSA CSSA PGG		2 1/2 1/2 1 1/2 1/2 2 1/2 1/2 4 1/2 1/2 2 1/2 1/2 4 1/2 1/2 1/2 4 1/2 1/2 1/2 1/2	\$20V MCC N, 15 \$80V MCC N, 45 \$80V MCC N, 45	IAN CONTROL BOARD FAN CONTROL BOARD LGAS SISTEM FOWER PANEL	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEAD: IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER		
95 — 98 — 06 — 07 — 00 — 00 —	7 1/2 6 1/2 7 1/2 6 1/2 1 1/2 3 1/2	C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD AC POWER DIST PANEL * PIES	FAN CONTROL BOARD ZAN MCC N. 18, UNIT 'Z FAN CONTROL BOARD FAN CONTROL BOARD ZAN MCC N. 18, UNIT 'S FAN CONTROL BOARD ZAN MCC N. 18, UNIT 'S FAN CONTROL BOARD ALEKEAT BURNER FLAME CONTROL PAL	IND. LIGHTS SUPPLY FAN NO G FAN FULLE BLARM BLARM - MOTOR NICH TENVERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SIPPLY FAIL NO. T, FAN FAILIRE MARK ALARM - MOTOR NICH TEMPERATURE FEEDER	CSS CSSA CSSA CSSA CSSA CSSA CSSA CSSA		2 1/2 1/2 1 1/2 1/2 2 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/3 6 1/2 1/3 G 1 5/2 1/3 (600V) 2 1/3 = 1/2	FORES DOT DONE TO LEVEL TOWNSHIFTER 3-E-USE CONTOUR PHILES	IAN CONTROL BOARD FAN CONTROL BOARD LF-GAS SISTEM FOWER PANEL GOSHETER BOOK LEVEL METER SAS METER BOOK ALARM PANEL	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEAD: IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER	(T)	
95. — 37. — 06. — 07. — 08. — 09. —	6 1/2 1 1/2 2 1/2 6 1/2 1 1/2	C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD	FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD FAN CONTROL BOARD CAN CONTROL BOARD CAN CONTROL BOARD	SUPPLY FAN NO G, FAN FAULTE ALARM HARM-MOTOR HEN TEMPERATURE SUPPLY FAN NO.T, CONTROL IND LIGHTS SUPPLY FAIT NO.T, FAN FAULTE ALARM ALARM - MOTOR HEN TEMPERATURE	C54A C55 C55A C56A PGG C60 A60		2 1/4 1/2 4 1/4 1/2 4 1/4 1/2 4 1/4 1/2 2 1/4 1/2 4 1/4 1/2 4 1/4 1/2 4 1/4 1/2 4 1/4 1/2 4 1/4 1/4 4 1/4	FONCE DISCON 45 FONCE DISCON 45 FONCE DISCON 4 (ENSTING) 150 STANDARD TANK LEVEL TONSMITTER 3.54052 CONTOL PINEL LTG PNL "LEZB" OR "LEZC"	IAM CONTROL BOARD FAN CONTROL BOARD LP-GAS SISTEM FOWER PANEL ONSMETER BOOM LEVEL METER SAS METER BOOM ALARM PANEL RELAY BOX	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEAD: IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER PG TALL LEVEL INDICATION	(I)	
93	7 1/20 2 1/2 6 1/2 1 1/2 2 1/2 1 1/2 2 1/2	C*12 C*12 (*12 C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD AC POWER DIST PANEL * PIES AC POWER DIST PANEL * PIES	FAN CONTROL BOARD ZHAN MCC M. 18, UNIT "Z FAN CONTROL BOARD ZHAN MCC M. 18, UNIT "S FAN CONTROL BOARD ZHAN MCC M. 18, UNIT "S FAN CONTROL BOARD A:ZHEAT BURNER FLANE CONTROL PAL SPSED SWITCH	IND. LIGHTS SUPPLY FAN NO G, FAN FULURE ALARM ALARM - MOTOR HEN TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FAN FAILIRE ALARM ALARM - MOTOR HEA TEMPERATURE FEEDER 1204 FEEDER	CSSA CSSA CSSA CSSA PCG C600 A600 PbT PbTA		2 1/4 1/2 1 1/4 1/2 2 1/4 1/2 4 1/4 1/2 2 1/4 1/2 4 1/4 1/4 4 1/4 1/4 4 1/4 1/4 4 1/4 1/4 4 1/4 1/4 4 1/4 1/4 4 1/4 1/4 4 1/4 1/4 4 1/4 1/4	FORES DOT DONE TO LEVEL TOWNSHIFTER 3-E-USE CONTOUR PHILES	IAN CONTROL BOARD AN CONTROL BOARD LF-GAS SISTEM FOWER PANEL GROWETER SOME EVEL WETER JAS WETER BOARD RELAY BOX SUPPLY AIR OUCT LIGHTS	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEAD: IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER	(I)	
93	7 1/20 2 1/2 6 1/2 1 1/2 2 1/2 1 1/2 2 1/2	C*12 C*12 (*12 C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD AC POWER DIST PANEL * PIES	FAN CONTROL BOARD ZAN MCC N. 18, UNIT 'Z FAN CONTROL BOARD FAN CONTROL BOARD ZAN MCC N. 18, UNIT 'S FAN CONTROL BOARD ZAN MCC N. 18, UNIT 'S FAN CONTROL BOARD ALEKEAT BURNER FLAME CONTROL PAL	IND. LIGHTS SUPPLY FAN NO G, FAN FULURE ALARM ALARM - MOTOR HEN TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FAN FAILIRE ALARM ALARM - MOTOR HEA TEMPERATURE FEEDER 1204 FEEDER	CSSA CSSA CSSA CSSA PGG C600 A660 P607 P607A	0 : (-7.75 0 - (-7.75	2 1/4 1/2 1 1/4 1/2 2 1/4 1/2 4 1/4 1/2 4 1/4 1/2 4 1/4 1/2 4 1/4 1/2 4 1/4 1/4	FONCE DISCON 45 FONCE DISCON 45 FONCE DISCON 4 (ENSTING) 150 STANDARD TANK LEVEL TONSMITTER 3.54052 CONTOL PINEL LTG PNL "LEZB" OR "LEZC"	IAN CONTROL BOARD FAIN CONTROL BOARD LF-GAS SISTEM FOWER PAINER GNSHEIGE BOOK LEVEL METER SAS METER BOOK ALARM PALEL RELAY BOX SUPPLY AIR OUCT LIGHTS EMAUSE AIR DUCT LIGHTS	CONTROL - FAN ES S BULNHEADS IND 16T. CONTROL - FAN ES-6 BULNHEAD: IND 16T. CONTROL - FAN ES-7 BULNHEADS IND 16T. LPG SISTEM FEEDER -PG TALL LEVEL INDICATION BLENDER ALARM AIR DUCT LTG FDR	(B) (B) (B) (B) (B) (B) (B) (B) (B) (B)	
934 — 98 — 96 — 96 — 96 — 96 — 96 — 97 — 97 — 98 —	6 % 1 % 2 % 6 % 1 % 2 % 1 % 3 % 5 % 5 % 5 % 6 %	C=12 A	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD	FAH CONTROL BOARD 24 XI MCC M. 18, UNIT '2 FAN CONTROL BOARD FAN CONTROL BOARD 2.4 XI MCC M. 18, UNIT 'S FAN CONTROL BOARD A.B. HEAT BURNER FLANE CONTROL PALL 5PSED SWITCH SOUTH TUNNEL WALL AC PULL BOX GROWN	IND. LIGHTS SUPPLY FAN NO G, FAN FULURE ALARM MARM-MOTOR HEN TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FAN FAILIRE ALARM ALARM - MOTOR HEA TEMPERATURE FEEDER IZOV FEEDER TRAFFIC COUTROL	CSS CSSA CSSA CSSA CSSA CSSA CSSA CSSA		2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	FONCE DISCON 45 FONCE DISCON 45 FONCE DISCON 4 (ENSTING) 150 STANDARD TANK LEVEL TONSMITTER 3.54052 CONTOL PINEL LTG PNL "LEZB" OR "LEZC"	IAN CONTROL BOARD AN CONTROL BOARD LF-GAS SISTEM FOWER PANEL GROWETER SOME EVEL WETER JAS WETER BOARD RELAY BOX SUPPLY AIR OUCT LIGHTS	CONTROL - FAN ES S BULNHEADS IND 16T. CONTROL - FAN ES-6 BULNHEAD: IND 16T. CONTROL - FAN ES-7 BULNHEADS IND 16T. LPG SISTEM FEEDER -PG TALL LEVEL INDICATION BLENDER ALARM AIR DUCT LTG FDR	(B) (B) (B) (B)	
93	6 K 1 196 2 1/4 6 1/6 1 1/6 3 1/6 8 1/6 4 1/6	C=12 C=12 C=12 C=12 C=12 C=12 C=12 C=12 A C=12 A	LOCAL CONTROL BOARD LOCAL BOARD LOC	FAN CONTROL BOARD ZAM MCC M. 18, UNIT "Z FAN CONTROL BOARD ZAM MCC M. 18, UNIT "Z FAN CONTROL BOARD ZAM MCC M. 18, UNIT "S FAN CONTROL BOARD ARHEMET BURNER FLANS CONTROL PALS SPEED SWITCH SOUTH TURNS L WALL AC PULL BOA GROWN LTG. 1 HTG. CONTACTOR PAUEL	IND. LIGHTS SUPPLY FAN NO G, FAN FALURE ALARM HARM-MOTOR HIN TEMPERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIT NO. T, FAN FALURE ALARM ALARM - MOTOR HIGH TEMPERATURE FEEDER IZOV FEEDER TRAFFIC CONTROL WATER NAIN PIPE HTG MERGER	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	FONCE DISCON 45 FONCE DISCON 45 FONCE DISCON 4 (ENSTING) 150 STANDARD TANK LEVEL TONSMITTER 3.54052 CONTOL PINEL LTG PNL "LEZB" OR "LEZC"	IAN CONTROL BOARD FAIN CONTROL BOARD LF-GAS SISTEM FOWER PAINER GNSHEIGE BOOK LEVEL METER SAS METER BOOK ALARM PALEL RELAY BOX SUPPLY AIR OUCT LIGHTS EMAUSE AIR DUCT LIGHTS	CONTROL - FAN ES S BULNHEADS IND 16T. CONTROL - FAN ES-6 BULNHEAD: IND 16T. CONTROL - FAN ES-7 BULNHEADS IND 16T. LPG SISTEM FEEDER -PG TALL LEVEL INDICATION BLENDER ALARM AIR DUCT LTG FDR	(B) (B) (B) (B)	
93	6 x x x x x x x x x	C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 A	LOCAL CONTROL BOARD LOCAL	FAN CONTROL BOARD ZAN MCC M. 18, UNIT 'Z FAN CONTROL BOARD ZAN MCC M. 18, UNIT 'Z FAN CONTROL BOARD ZAN MCC M. 18, UNIT 'S FAN CONTROL BOARD AR HEAT BURNER FLANE CONTROL PALL SPEED SWITCH SOUTH TUNNSEL WALLAC PULLBOA GROWN LTG. & HTG. CONTACTOR PAUEL LTG. & HTG. RELAY & CONTROL CAB.	IND. LIGHTS SUPPLY FAN NO G FAN FALURE BLARM HARM-MOTOR NO T TENTERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FAIL RE MARM ALARM - MOTOR WAS TEMPERATURE FEEDER 120Y FEEDER TEAFEIC CONTROL WISTER NAIN PIPE HTG FEEDER CONTROL	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	FONCE DISCON 45 FONCE DISCON 45 FONCE DISCON 4 (ENSTING) 150 STANDARD TANK LEVEL TONSMITTER 3.54052 CONTOL PINEL LTG PNL "LEZB" OR "LEZC"	IAN CONTROL BOARD FAN CONTROL BOARD LF-GAS SYSTEM FOWER PANEL GNOMETER BOOK LEVEL METER ASS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEADS IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION 3LENDER ADARM AIR DUCT LTG FOR AIR OUCT LTG CONTROL	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
9/ — 38 — 06 — 07 — 08 — 09 — 10 — 10 — 11 — 12 — 13 — 14 — 15 — 16 — 17 — 18 — 19 — 19 — 19 — 10 —	6	C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD AC POWER DIST PANEL * PIES MC POWER DIST PANEL * PIES TEMPERATURE CONTROLLER * 2 IG HTG CONTACTUR PANEL	FAN CONTROL BOARD ZÉRN MCC N. 18, UNIT '? FAN CONTROL BOARD ZEAN CONTROL BOARD ZEAN MCC N. 18, UNIT 'S FAN CONTROL BOARD ARE HEAT BURNER FLANE CONTROL PALL SOUTH TUNNEL WALL AS PULL BOA GROWN LTG. & HTG. CONTACTOR PAVIEL LTG. & HTG. RELAY & CONTROL CAB. RORTH TUNNEL WALL AS PULLON GROWN	IND. LIGHTS SUPPLY FAN NO G FAN FALLIE BLARM ALARM - MOTOR HICH TENTERATURE SUPPLY FAIL NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FALLIRE MARK ALARM - MOTOR HICH TEMPERATURE FEEDER IZOV FEEDER TRAFFIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE HTG FEEDER	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BISCOME * (EMISSING) PROMED BISCOME * (EMISSING) PROMED BISCOME * TAKE LEVEL TOWNSMITTER 3.54-0.52 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAN CONTROL BOARD AN CONTROL BOARD LP-GAS SISTEM FOWER PANEA GIS METER BOOK LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SHELT AIR DUCT LIGHTS EXHAUST AIR DUCT LIGHTS	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEADS IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION 3LENDER ADARM AIR DUCT LTG FOR AIR OUCT LTG CONTROL	(B) (B) (B) (B)	
9/	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*12 C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD AC POWER DIST PANEL *PIES FEMPERATURE CONTROLLER *2 LOGING CONTACTUR PANEL TEMPERATURE CONTROLLER IC. *3	FAN CONTROL BOARD ZHEN MCC N. 18, UNIT '2 FAN CONTROL BOARD ZHEN MCC N. 18, UNIT 'S FAN CONTROL BOARD ZHEN MCC N. 18, UNIT 'S FAN CONTROL BOARD ALZ HEAT BURNER FLANE CONTROL PALL SPSED SWITCH SOUTH TUNNSL WALL AC PULLBOX GROWN LTG. & HTG. CONTACTOR PAPIEL LTG. & HTG. RELAY & CONTROL CAB. HORTH TUNNEL WALL AC PULLBOX GROWN JG { HIG. RELAY & CONTROL CAB.	SUPPLY FAN NO G FAN FALLER SUPPLY FAN NO G FAN FALLER SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FALLER ALARM ALARM - MOTOR MAY TEMPERATURE FEEDER IZOV FEEDER TRAFFIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE, HTG FEEDER CONTROL (T.C. *3 POWER	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BISCOME * (EMISSING) PROMED BISCOME * (EMISSING) PROMED BISCOME * TAKE LEVEL TOWNSMITTER 3.54-0.52 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAN CONTROL BOARD AN CONTROL BOARD LP-GAS SISTEM FOWER PANEA GIS METER BOOK LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SHELT AIR DUCT LIGHTS EXHAUST AIR DUCT LIGHTS	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEADS IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION 3LENDER ADARM AIR DUCT LTG FOR AIR OUCT LTG CONTROL	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
9.4 — 9.8 — 9.6 —	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*/2 C*/2	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL PRIES C. POWER DIST PANEL PIES C. POWER DI	FAN CONTROL BOARD 24 M MCC M. 18, UNIT '2 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 4.2 HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TUNNSL WALL AC PULLBOX GROUP LTG. & HTG. CONTACTOR PAUEL LTG. ENTG. RELAY & CONTROL CAB HORTH TUNNEL WALL AC PULLBOX GROUP LTG. INTO RELAY (CONTROL CAB THERMOCOUPLE ON WATER MAIN	SUPPLY FAN NO G FAN FALLER BLARM ALARM - MOTOR HIT A TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FAN FAILTRE ALARM ALARM - MOTOR HIGH TEMPERATURE FEEDER TRAFFIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE HTG FEEDER CONTROL (T.C. *3 POWER TEMP SENSING	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BISCOME * (EMISSING) PROMED BISCOME * (EMISSING) PROMED BISCOME * TAKE LEVEL TOWNSMITTER 3.54-0.52 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAN CONTROL BOARD AN CONTROL BOARD LP-GAS SISTEM FOWER PANEA GIS METER BOOK LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SHELT AIR DUCT LIGHTS EXHAUST AIR DUCT LIGHTS	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEADS IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION 3LENDER ADARM AIR DUCT LTG FOR AIR OUCT LTG CONTROL	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	NO REVISIONS
9.4 — 9.8 — 9.6 —	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*/2 C*/2	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD AC POWER DIST PANEL *PIES FEMPERATURE CONTROLLER *2 LOGING CONTACTUR PANEL TEMPERATURE CONTROLLER IC. *3	FAN CONTROL BOARD 24 M MCC M. 18, UNIT '2 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 4.2 HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TUNNSL WALL AC PULLBOX GROUP LTG. & HTG. CONTACTOR PAUEL LTG. ENTG. RELAY & CONTROL CAB HORTH TUNNEL WALL AC PULLBOX GROUP LTG. INTO RELAY (CONTROL CAB THERMOCOUPLE ON WATER MAIN	SUPPLY FAN NO G FAN FALLER SUPPLY FAN NO G FAN FALLER SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FALLER ALARM ALARM - MOTOR MAY TEMPERATURE FEEDER IZOV FEEDER TRAFFIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE, HTG FEEDER CONTROL (T.C. *3 POWER	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BY THE * (EMSTING) PROMED BY THE CENTER TO SHAFTER 3.54022 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAN CONTROL BOARD AN CONTROL BOARD LP-GAS SISTEM FOWER PANEA GIS METER BOOK LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SHELT AIR DUCT LIGHTS EXHAUST AIR DUCT LIGHTS	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEADS IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION 3LENDER ADARM AIR DUCT LTG FOR AIR OUCT LTG CONTROL	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	REVISIONS STATE OF COLORADO - DEPARTMENT OF
9.4 — 9.8 — 9.6 —	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*/2 C*/2	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL PRIES C. POWER DIST PANEL PIES C. POWER DI	FAN CONTROL BOARD 24 M MCC M. 18, UNIT '2 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 4.2 HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TUNNSL WALL AC PULLBOX GROUP LTG. & HTG. CONTACTOR PAUEL LTG. ENTG. RELAY & CONTROL CAB HORTH TUNNEL WALL AC PULLBOX GROUP LTG. INTO RELAY (CONTROL CAB THERMOCOUPLE ON WATER MAIN	SUPPLY FAN NO G FAN FALLER BLARM ALARM - MOTOR HIT A TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FAN FAILTRE ALARM ALARM - MOTOR HIGH TEMPERATURE FEEDER TRAFFIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE HTG FEEDER CONTROL (T.C. *3 POWER TEMP SENSING	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BY THE * (EMSTING) PROMED BY THE CENTER TO SHAFTER 3.54022 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAN CONTROL BOARD AN CONTROL BOARD LP-GAS SISTEM FOWER PANEA GIS METER BOOK LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SHELT AIR DUCT LIGHTS EXHAUST AIR DUCT LIGHTS	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES-6 BUINNEADS IND 16T. CONTROL - FAN ES-7 BUINNEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION 3LENDER ADARM AIR DUCT LTG FOR AIR OUCT LTG CONTROL	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	REVISIONS STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL T
9% — 98 — 98 — 96 — 96 — 96 — 96 — 97 — 98 — 97 — 98 — 99 — 90 —	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*12 C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL PRIES C. POWER DIST PANEL PIES C. POWER DI	FAN CONTROL BOARD 24 M MCC M. 18, UNIT '2 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 24 M MCC M. 18, UNIT 'S FAN CONTROL BOARD 4.2 HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TUNNSL WALL AC PULLBOX GROUP LTG. & HTG. CONTACTOR PAUEL LTG. ENTG. RELAY & CONTROL CAB HORTH TUNNEL WALL AC PULLBOX GROUP LTG. INTO RELAY (CONTROL CAB THERMOCOUPLE ON WATER MAIN	SUPPLY FAN NO G FAN FALURE ALARM MARM-MOTOR HEN TEMPERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FAILIRE ALARM ALARM - MOTOR HEA TEMPERATURE FEEDER 1204 FEEDER TEAPPIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL CONTROL TEMP SENSING SEEPINGE DEANN HTG, FEELER SEEPINGE DEANN HTG, FEELER	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BY THE * (EMSTING) PROMED BY THE CENTER TO SHAFTER 3.54022 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAN CONTROL BOARD AN CONTROL BOARD LP-GAS SISTEM FOWER PANEA GIS METER BOOK LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SUFFLY AIR DUCT LIGHTS SHELT AIR DUCT LIGHTS EXHAUST AIR DUCT LIGHTS	CONTROL - FAN ES S BULNHEADS IND 16T. CONTROL - FAN ES 6 BULNHEAD: IND 16T. CONTROL - FAN ES 7 BULNHEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL HADICATION BLENDER ALARM AIR DUCT LTG CONTROL POWER OUTLETS	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	REVISIONS STATE OF COLORADO - DEPARTMENT OF
95. — 98. — 96. — 96. — 96. — 96. — 96. — 96. — 96. — 96. — 97. — 98. —	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C=12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL PRIES RC POWER DIST PANEL PRIES RC POWER DIST PANEL PRIES REMPERATURE CONTROLLER 12 IMPERATURE CONTROLLER 1C. 13 EMPERATURE CONTROLLER 1C. 13 EMPERATURE CONTROLLER 1C. 13 CO POWER DIST PANEL 1 PRES	FAN CONTROL BOARD 24 AN MCC M. 18, UNIT 73 FAN CONTROL BOARD 24 AN CONTROL BOARD 24 AN MCC M. 18, UNIT 75 FAN CONTROL BOARD 24 AN MCC M. 18, UNIT 75 FAN CONTROL BOARD 4.2 HEAT BURNER FLAME CONTROL PACE 5PSED SWITCH SOUTH TUNNS L WALL AC PULL BOA GROUP LTG. 4 HTG. CONTACTOR PAYEL LTG. 4 HTG. RELAY 4 CONTROL CAB THERMOCOUPLE ON WATER MAIN LTG. 4 HTG. CONTACTOR PAYEL	SUPPLY FAN NO G FAN FALURE ALARM MARM-MOTOR HEN TEMPERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FAILIRE ALARM ALARM - MOTOR HEA TEMPERATURE FEEDER 1204 FEEDER TEAPPIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL CONTROL TEMP SENSING SEEPINGE DEANN HTG, FEELER SEEPINGE DEANN HTG, FEELER	CSSA CSSA CSSA CSSA PGG C600 A60 PGTA PGTA PGTA C512 C512	0 / 1/2 / 1/	2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BY THE * (EMSTING) PROMED BY THE CENTER TO SHAFTER 3.54022 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAN CONTROL BOARD LF-GAS SYSTEM FOWER PANEL GNOMETER BOOM LEVEL METER AS METER FOOM PLARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT	CONTROL - FAN ES S BULNHEADS IND 16T. CONTROL - FAN ES 6 BULNHEAD: IND 16T. CONTROL - FAN ES 7 BULNHEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION BLENDER ALARM AIR DUCT LTG CONTROL -POWER OUTLETS	0 888	REVISIONS STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL T
9% — 38 — 06 — 06 — 07 — 08 — 08 — 09 — 09 — 09 — 09 — 09 — 09 — 09 — 09	6	C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*16 C*16 C*16 C*16 C*16 C*17 C*18	LOCAL CONTROL BOARD LOCAL BOARD LOCAL CONTROL BOARD LOCAL BOARD LO	FAN CONTROL BOARD ZÉRN MCC N. 18, UNIT 12 FAN CONTROL BOARD ZEAN CONTROL BOARD ZEAN MCC N. 18, UNIT 15 FAN CONTROL BOARD ZEAN MCC N. 18, UNIT 15 FAN CONTROL BOARD ARREAT BURNER FLANE CONTROL PALL SOUTH TUNNEL WALL AC PULL BOA GROWN LTG. & HTG. CONTACTOR PAYEL LTG. & HTG. RELAY & CONTROL CAB. THERMOCOURLE ON WATER MAIN LTG. & HTG. CONTACTOR PAYEL AND RELAY & CONTROL CAB. THERMOCOURLE ON WATER MAIN LTG. & HTG. CONTACTOR PAYEL AND RETH WALL DRAWING MAYOUS SOUTH WALL DRAWING MAYOUS	SUPPLY FAN NO G FAN FALLIE SLAPM MARM - MOTOR HICH TENTERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FALLIE MARM ALARM - MOTOR HICH TEMPERATURE FEEDER IZOV FEEDER TRAFEC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE HTG FEEDER CONTROL (T.C. *3 POWER TEMP SENSING SEEPAGE DEAN HTG. FEEDER SEEPAGE DEAN HTG. FEEDER	CSSA CSSA CSSA CSSA PGG C600 A600 PGTA PGTA PGTB C51A C6013 F68		2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20V MCC N. 45 #80V MCC N. 45 PROPER DISTRIBUTION PANEL LTG PNL "LEZB" OR "LEZC" RELAY BOX AC POWER DISTRIBUTION PANEL	IAM CONTROL BOARD AND CONTROL BOARD LP-GAS SYSTEM FOWER PANEA GNOMETER TOOM LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGH	CONTROL - FAN ES S BUINNEADS IND LET. CONTROL - FAN ES-6 BUINNEAD: IMPLIET. CONTROL - FAN ES-6 BUINNEAD: IMPLIET. CONTROL - FAN ES-7 BUINNEADS IMPLIET. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION BLENDER ALARM AIR DUCT LTG FDR AIR DUCT LTG CONTROL POWER OUTLETS PRINT RECORD THE TECORD	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	REVISIONS STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL T SECONO BORE ELECTRICAL '.
95	6	C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*16 C*16 C*16 C*16 C*17 C*16 C*17 C*18	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL PRIES RC POWER DIST PANEL PRIES RC POWER DIST PANEL PRIES REMPERATURE CONTROLLER 12 IMPERATURE CONTROLLER 1C. 13 EMPERATURE CONTROLLER 1C. 13 EMPERATURE CONTROLLER 1C. 13 CO POWER DIST PANEL 1 PRES	FAN CONTROL BOARD ZÉRN MCC N. 18, UNIT 12 FAN CONTROL BOARD ZEAN CONTROL BOARD ZEAN MCC N. 18, UNIT 15 FAN CONTROL BOARD ZEAN MCC N. 18, UNIT 15 FAN CONTROL BOARD ARREAT BURNER FLANE CONTROL PALL SOUTH TUNNEL WALL AC PULL BOA GROWN LTG. & HTG. CONTACTOR PAYEL LTG. & HTG. RELAY & CONTROL CAB. THERMOCOURLE ON WATER MAIN LTG. & HTG. CONTACTOR PAYEL AND RELAY & CONTROL CAB. THERMOCOURLE ON WATER MAIN LTG. & HTG. CONTACTOR PAYEL AND RETH WALL DRAWING MAYOUS SOUTH WALL DRAWING MAYOUS	SUPPLY FAN NO G FAN FALLIE BLARM MARM - MOTOR HICH TENTERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FIN FALLIE MARM ALARM - MOTOR HICH TEMPERATURE FEEDER IZOV FEEDER TRAFEC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE HTG FEEDER CONTROL (T.C. *3 POWER TEMP SENSING SEEPAGE DEAN HTG. FEEDER SEEPAGE DEAN HTG. FEEDER SEEPAGE DEAN HTG. FEEDER SEEPAGE DEAN HTG. FEEDER	CSSA CSSA CSSA CSSA PGG C600 A600 PGTA PGTA PGTB C51A C6013 F68		2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20V MCC N. 45 #80V MCC N. 45 PROPER DISTRIBUTION PANEL LTG PNL "LEZB" OR "LEZC" RELAY BOX AC POWER DISTRIBUTION PANEL	IAM CONTROL BOARD AND CONTROL BOARD LP-GAS SYSTEM FOWER PANEA GNOMETER TOOM LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGH	CONTROL - FAN ES S BUINNEADS IND LET. CONTROL - FAN ES -6 EVENNEADS IND LET. CONTROL - FAN ES -7 BUINNEADS IND LET. LPG SYSTEM FEEDER -86 TALL LEVEL INDICATION BLENDER ADARM AIR DUCT LTG FOR AIR DUCT LTG CONTROL	(a) (a) (a) (a) (a) (a) (a) (a) (a) (a)	REVISIONS STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL T SECONO BORE ELECTRICAL '.
9/ — 38 — 38 — 06 — 06 — 06 — 06 — 07 — 08 — 08 — 08 — 08 — 08 — 08 — 08 — 08	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 A C*16 A C*16 A C*16 C*17 C*18 C*1	LOCAL CONTROL BOARD LOCAL BOARD LOCAL CONTROL BOARD LOCAL BOA	FAN CONTROL BOARD ZHAN MICH. 18, UNIT 12 FAN CONTROL BOARD ZHAN MICH. 18, UNIT 15 FAN CONTROL BOARD ZHAN MICH. 18, UNIT 15 FAN CONTROL BOARD ALZ HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TURNSEL WALL AC PULLBOX GROUP LTG. 1 HTG. CONTACTOR PAHEL LTG. 1 HTG. RELAY 1 CONTROL CAB. THERMOCOURLE ON WATER MAIN LTG. 1 HTG. CONTACTOR PANEL NORTH WALL DEAMN GE MANNOLE LTG. 1 HTG. CONTACTOR PANEL NORTH WALL DEAMN GE MANNOLE LTG. 1 HTG. CONTACTOR PANEL	SUPPLY FAN NO G FAN FALLIEF BLARM BLARM - MOTOR HICH TEMPERATURE SUPPLY FAN NO. T, CONTROL IND LIGHTS SUPPLY FAIL NO. T, FAN FAILIRE ALARM ALARM - MOTOR HIGH TEMPERATURE FEEDER IZOV FEEDER TRAFFIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL WATER MAIN PIPE, HTG FEEDER CONTROL (T.C. *3 POWER TEMP SENSING SEEPAGE DRAIN HTG. FEEDER SEEPAGE DRAIN HTG. FEEDER SEEPAGE DRAIN HTG. FEEDER THINKLE DIST MEANTONE L'IS FRAS. MINI, HIGH SISESSES	CSSA CSSA CSSA CSSA PGG C600 A600 PGTA PGTA PGTB C51A C6013 F68		2 1/2 1/2 2 1/2 1/2 4 1/2 4 1/2	# #20VMCC M. 15 # #80V MCC N. 15 # #80V MCC N. 15 PROMED BY THE * (EMSTING) PROMED BY THE CENTER TO SHAFTER 3.54022 CONTROL PRINCE LTG PNL "LEZB" OR "LEZC" RELAY BOX	IAM CONTROL BOARD AND CONTROL BOARD LP-GAS SYSTEM FOWER PANEA GNOMETER TOOM LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGH	CONTROL - FAN ES S BUINNEADS IND LET: CONTROL - FAN ES-6 BUINNEAD: IMPLIET: CONTROL - FAN ES-6 BUINNEAD: IMPLIET: CONTROL - FAN ES-7 BUINNEADS IMPLIET: LPG SISTEM FEEDER -PG TALL LEVEL INDICATION BLENDER ALARM AIR DUCT LTG FOR AIR DUCT LTG CONTROL POWER OUTLETS PRINT RECORD T May 1 THE CORD	(a) (a) (a) (a) (a) (a) (a) (a) (a) (a)	REVISIONS STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL T SECOND BORE ELECTRICAL . EAST VENTILATION BUILDING
9% — 98 — 06 — 06 — 06 — 06 — 06 — 07 — 08 — 08 — 08 — 09 — 09 — 09 — 09 — 09 — 09 — 09 — 09	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 C*12 A C*12 A C*12 C*13 C*14 C*15 C*16 C*17 C*16 C*17 C*16 C*17 C*16 C*17 C*16 C*17 C*16 C*16 C*17 C*17 C*18	LOCAL CONTROL BOARD LOCAL BOARD LOCAL CONTROL BOARD LOCAL B	FAN CONTROL BOARD 24 M MCC M. 18, UNIT 13 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 13 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 15 FAN CONTROL BOARD 4.2 HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TURNS LIMITLAC PULLBOX GROUP LTG. 4 MTG. CONTACTOR PAHEL LTG. 4 MTG. RELAY 4 CONTROL CAB. THERMOCOUPLE ON WATER MAIN LTG. 4 MTG. CONTACTOR PANEL NORTH PURLL DRAWAGE MANNOLE LTG. 4 MTG. CONTACTOR PANEL NORTH PURLL DRAWAGE MANNOLE LTG. 5 MTG. CONTACTOR PANEL LTG. 4 MTG. CONTACTOR PANEL LTG. 5 MTG. CONTACTOR PANEL LTG. 5 MTG. CONTACTOR PANEL LTG. 6 MTG. CONTACTOR PANEL	SUPPLY FAN NO G FAN FULURE BLARM MARM - MOTOR HI'N TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FIN FAILTRENARM ALARM - MOTOR HIGH TEMPERATURE FEEDER 1204 FEEDER TEMPE, CONTROL WATER MAIN PIPE HTG FEEDER CONTROL TEMP SENSING SEEPAGE DEANN HTG. FEEDER SEEPAGE DEANN HTG. FEEDER THINGE ENST MAND TONE LIGHTAS, MINE, HIGH SISSING CONTROL	CSS CSSM CSSM CSSM CSSM CSSM CSSM CSSM	0 170 de con Con D	2 1/2 1/2 2 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2	FRONT MICE N. 15 ABOY MICE N. 15 PRINCE DIST PINE * (EMISTING) PRINCE A SYCKE C POLICE N. 19. LYG STOCKE TALL LEMEL TOWNSHITTER 3.54032 CONTROL PINEL LTG PHL "LEZB" OR "LEZC" RELAY BOX AC POWER DISTRIBUTION PANEL (1) FOUR ADDITIONAL & *6(3)	IAM CONTROL BOARD AND CONTROL BOARD LP-GAS SYSTEM FOWER PANEA GNOMETER TOOM LEVEL METER AS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGH	CONTROL - FAN ES S BUINNEADS IND LET. CONTROL - FAN ES -6 EVENNEADS IND LET. CONTROL - FAN ES -7 BUINNEADS IND LET. LPG SYSTEM FEEDER -86 TALL LEVEL INDICATION BLENDER ADARM AIR DUCT LTG FOR AIR DUCT LTG CONTROL	(a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	REVISIONS STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL T SECONO BORE ELECTRICAL '.
9% — 98 — 98 — 98 — 96 — 96 — 96 — 96 — 96 — 97 — 98 — 98 — 98 — 98 — 98 — 98 — 98 — 98	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C*12 C*12	LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL BOARD LOCAL CONTROL PRISS RC POWER DIST PANEL PRISS RC POWER DIST PANEL PRISS LOCAL CONTROLLER PRISS LOCAL CONTROLLER T.C. *3 EMPERATURE CONTROLLER T.C. *3 KC POWER DIST PANEL PRISS LOCAL CONTROLLER T.C. *3 LOCAL CONT	FAN CONTROL BOARD ZHAN MICH. 18, UNIT 12 FAN CONTROL BOARD ZHAN MICH. 18, UNIT 15 FAN CONTROL BOARD ZHAN MICH. 18, UNIT 15 FAN CONTROL BOARD ALZ HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TURNSEL WALL AC PULLBOX GROUP LTG. 1 HTG. CONTACTOR PAHEL LTG. 1 HTG. RELAY 1 CONTROL CAB. THERMOCOURLE ON WATER MAIN LTG. 1 HTG. CONTACTOR PANEL NORTH WALL DEAMN GE MANNOLE LTG. 1 HTG. CONTACTOR PANEL NORTH WALL DEAMN GE MANNOLE LTG. 1 HTG. CONTACTOR PANEL	SUPPLY FAN NO G FAN FULURE BLARM MARM - MOTOR HI'N TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FIN FAILTRENARM ALARM - MOTOR HIGH TEMPERATURE FEEDER 1204 FEEDER TEMPE, CONTROL WATER MAIN PIPE HTG FEEDER CONTROL TEMP SENSING SEEPAGE DEANN HTG. FEEDER SEEPAGE DEANN HTG. FEEDER THINGE ENST MAND TONE LIGHTAS, MINE, HIGH SISSING CONTROL	CSS CSSM CSSM CSSM CSSM CSSM CSSM CSSM	0 170 de con Con D	2 1/2 1/2 2 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2	# #20V MCC N. 45 #80V MCC N. 45 PROPER DISTRIBUTION PANEL LTG PNL "LEZB" OR "LEZC" RELAY BOX AC POWER DISTRIBUTION PANEL	IAN CONTROL BOARD LP-GAS SISTEM FOWER PANEA GIS METER BOOK LEVEL METER JAS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS EMAUST AIR DUCT LIGHTS EXHAUST AIR DUCT L	CONTROL - FAN ES S BUINNEADS IND 16T. CONTROL - FAN ES 6 BUINNEADS IND 16T. CONTROL - FAN ES 7 BUINNEADS IND 16T. LPG SYSTEM FEEDER -PG TALL LEVEL INDICATION BLENDER ALARM AIR DUCT LTG CONTROL POWER OUTLETS PRINT RECORD THE SYSTEM FEEDER - G G G G G G G G G G G G G G G G G G		REVISIONS STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL T SECOND BORE ELECTRICAL . EAST VENTILATION BUILDING CONDUIT & CABLE SCHEDULE
9/	6 /c /c /c /c /c /c /c /c /c /c /c /c /c	C=12 C=12	LOCAL CONTROL BOARD LOCAL BOARD LOCAL CONTROL BOARD LOCAL B	FAN CONTROL BOARD 24 M MCC M. 18, UNIT 13 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 13 FAN CONTROL BOARD 24 M MCC M. 18, UNIT 15 FAN CONTROL BOARD 4.2 HEAT BURNER FLAME CONTROL PALL SPEED SWITCH SOUTH TURNS LIMITLAC PULLBOX GROUP LTG. 4 MTG. CONTACTOR PAHEL LTG. 4 MTG. RELAY 4 CONTROL CAB. THERMOCOUPLE ON WATER MAIN LTG. 4 MTG. CONTACTOR PANEL NORTH PURLL DRAWAGE MANNOLE LTG. 4 MTG. CONTACTOR PANEL NORTH PURLL DRAWAGE MANNOLE LTG. 5 MTG. CONTACTOR PANEL LTG. 4 MTG. CONTACTOR PANEL LTG. 5 MTG. CONTACTOR PANEL LTG. 5 MTG. CONTACTOR PANEL LTG. 6 MTG. CONTACTOR PANEL	IND. LIGHTS SUPPLY FAN NO G, FAN FULURE BLARM MARM-MOTOR HIT A TEMPERATURE SUPPLY FAN NO. T, CONTROL IND. LIGHTS SUPPLY FAIL NO. T, FAN FAILIRE ALARM ALARM - MOTOR HIGH TEMPERATURE FEEDER 1204 FEEDER TEMPSIC CONTROL WATER MAIN PIPE HTG FEEDER CONTROL TEMP SENSING SEEPAGE DEAIN HTG. FEEDER SEEPAGE DEAIN HTG. FEEDER FUNNICLEMST MANATONE LIGHTS. MIN. 1834 SISSISSA CONTROL CONTROL TEMP SENSING SEEPAGE DEAIN HTG. FEEDER CONTROL	CSS CSSM CSSM CSSM CSSM CSSM CSSM CSSM	0 170 de con Con D	2 1/2 1/2 2 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 4 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2 1/2 1/2 5/2	FRONT MICE N. 15 ABOY MICE N. 15 PRINCE DIST PINE * (EMISTING) PRINCE A SYCKE C POLICE N. 19. LYG STOCKE TALL LEMEL TOWNSHITTER 3.54032 CONTROL PINEL LTG PHL "LEZB" OR "LEZC" RELAY BOX AC POWER DISTRIBUTION PANEL (1) FOUR ADDITIONAL & *6(3)	IAN CONTROL BOARD LF-GAS SISTEM FOWER PANEA GISTHERS TOOM EVEL METER SAS METER FOOM ALARM PALEL RELAY BOX SUPPLY AIR DUCT LIGHTS SHAUST AIR DUCT LIGHTS EXHAUST AIR	CONTROL - FAN ES S BUINNEADS IND LOT. CONTROL - FAN ES - 6 BUINNEADS IND LOT. CONTROL - FAN ES - 7 BUINNEADS IND LOT. LPG SYSTEM FEEDER - PG TALL LEVEL INDICATION 3LENDER ADARM AIR DUCT LTG FOR AIR DUCT LTG CONTROL POWER OUTLETS PRINT RECORD THE PAN THE PRINT TO FEM AT THE PRINT	(A)	STATE OF COLORADO - DEPARTMENT OF EISENHOWER MEMORIAL TO SECOND BORE ELECTRICAL '. EAST VENTILATION BUILDING CONDUIT & CABLE SCHEDULE

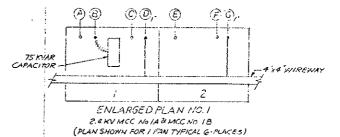
.



DEVISION SHEET







FAN	A	. B	, c	. 0	E	F	5
£ £ - 5	PIOA PIOB	PIOC	A!0	CIOA CIOZ AIGE	PIIA PII B	AII	C118 C118
Ē €-6	PIZA PIZE	P125	AIZ	CIES	213 A 213 B	A;3	(112) (113) (113)
EE-7	PIAA PIAB	PIAC	A/4	214A 2148 2146	P15A . P158	A/5	CISA CI:3 AISA
£5.5	PIGA PIGB	PIGC	AIG	6168 6168	P17A P178	A/7	6118 6118
£ 5.4	PIZA PIZB	P18 C	A/3	CIER	P194 P198	A19	(13A (138 A13A
£5-7	P20A P20B	PZOC	A20	C20A C203	P2.1 P216	AZI	8153 8153

					157			
23	2,773	724	F25	226	P27	!		7
C 22.	4 C23A	CZ4A	CZS4	24	C27A		1	
,	1 :080	GND.						

FROM MCC = 5 TO LOCAL CONTROL BOARD VIA 2" NIPPLE

PST AT CIPA SCO CIGA PRE CIE CRECITO CES SCIT CHA C198 AST C168 726 C17A C26 C1881090 C53A COACHE CAR CAR CAR PET CHECTT CARCAD SET CIOBICISA C22 CIZ&CZA P30 CZIA C148 P22 665 CIOC CISB CZ3 CIZC CZOB CIZA CZIBICIAC PZ3 (65A F61 C150 C24 C16 C2X C138 C210 C18 224 1111 AIDE AND AIRE AIR AIRC AIRA AIRE AIRA AIRE AIR CION CIZI CIAN CIAN CIAN CIZI CIAN CIAN CIAN CIAN CIAN

CIRCUIT LIST'B

FROM LOCAL CONTROL BOARD TO WIREWAY

CIRGUIT LIST 'C'	
ST COE COF CHE CHE CHE AKA ASE 909 SCHO SCH	
MECANE A KANDA CHE CHE AIZA AT 1200 127	
12FCOF ADDAGE CHECGENIANIOC	
63 C63A C64 C69A C65 C65A	į.
* * SDEC GND.	ŀ

FROM LOCAL CONTROL BOARD TO REMOTE SUPERVISORY CABINET IIA 3'NIPPLE

CIRCUIT LIST 'D' PST PGI CIGC CIGA PB CZOCCZIA CZG P43 C18 50 P30 P22 SK3 CITC CODACUB AT ASB CIBA SCIO CIBA C22 C11A C20 P23 C21C CBB SCII C198 C16 C118 C204 C23 P24 OBC CITO CITO CETO CES CETA SEF CEMICES CESA AIGC AITA SIBC AITA AZOC YZIA CHO CIBNICZON CHOX CIZK CHK CIGK CIGK COOK

WIREHAY BETWEEN 2.4 KU MCC'S "IA & IB

DIVISION PROJ. NO. PEGION NO. SHEETS COLDRAGO 170-3(83)220 144

(8) REVISED FOR EMERG GENERATOR WATER MEATER #14#2 AND (EZ) PEVIDED FOR PROJ. NO. 170-3 (83) 270.

LEGEND

- (RI) (1) 120/209 V. AC. POWER DISTRIBUTION PANEL (P2WS) WAS MAIN CIRCUIT BREAKER WEST CAT " NOB 24-43-050, SURFACE MOUNTED (OR EQUAL) SEE DWG E-G- 95 FOR SCHEDULE.
- (R) (2) LIGHTING TRANSFORMER, 480-208/120 V, WALL MOUNTED NON- YEAR TYPE EPT, W/2-2/2 / FCAN & FC3N TAPS, 30KVA WEST, CAT & GE4397 (OR EQUAL)
 - 3 480 Y 277 Y AC POWER DISTRIBUTION PANEL (PINS) CIRCUIT BREAKER TYPE COP WEST (OR EQUAL) SEE DING E.G.95 FOR SCHEDULE.
 - (LIGHTING & HEATING RELAY & CONTROL CABINET, NEMA! SNOLD SURE. SEE WIRING DIAGRAM ON DWG. ET.75.
 - LIGHTING & HEATING CONTACTOR PANEL W/8-30 A, 3 POLE ABOV AC CONTACTORS (IZOV COILS) IVEMA ! ENCLOSURE SEE WIRING DIAGRAM DWG ET-TS
 - 6 AUTO-TRANSFER SWITCH DOUBLE THROW CONTACTOR 30 A, 3 POLE 120/240 V DC. W/ 120 V COIL, W/AVX SPDT CONTACT, NEMA I, ENCLOSURE, ZENITH CATE 6 9733A (OR EQUAL) WIRING DIAGRAM - DWG. E-G-45.
- ◆ T TEMPERATURE CONTROLLER (T.C. #3), ELECTRONIC, FOR WATER MAIN HEAT TRACING CONTROL, THERMON MFG. CO. CAT NO. 4-ET-CODO, (SINGLE UNIT IN NAMA 4 ENCLOSURE, FOR CHRONEL CONSTANTAN TYPE "E" THERMOCOUPLE WITH MAL RESISTANCE OF ZOODWING FOR EGAN. (32)

NOTES

- WORK THIS DRAWING WITH DWG'S E-W-15 C E-W-25.
- FOR LESEND & GENERAL NOTES SEE DWG E-W.15.
- USE CADWELD TYPE GROUND CONNECTIONS FOR GND TAPS.
- CONTRACTOR TO PROVIDE H.Y. BARRIER IN AC. PULLBOX.
- PULLBOXES @ STATION IN ARE EXISTING & HAVE GROUNDS TIED INTO EXISTING # 4/0 GROUND LOOP.
- ITEMS \$ I THRU & TO BE MOUNTED ON UNISTRUF \$ P1000 CHANNEL (OR EQUAL) ITEMS * 1, 3. 5 & 6 TO HAYE TUP OF BOYES @ 6'0" ABOYE FLOOR TOP OF ITEM * 4 TO BE 5'0" ABOYE FLOOR, TOP OF ITEM # 2 TO BE 9'0" ABOYE FLOOR.
- 7. CORE DRILL WALL FOR CONDUITS & SEAL YOURS W/ DURSEAL
- 7. COME DAIL.

 (RE EQUAL).

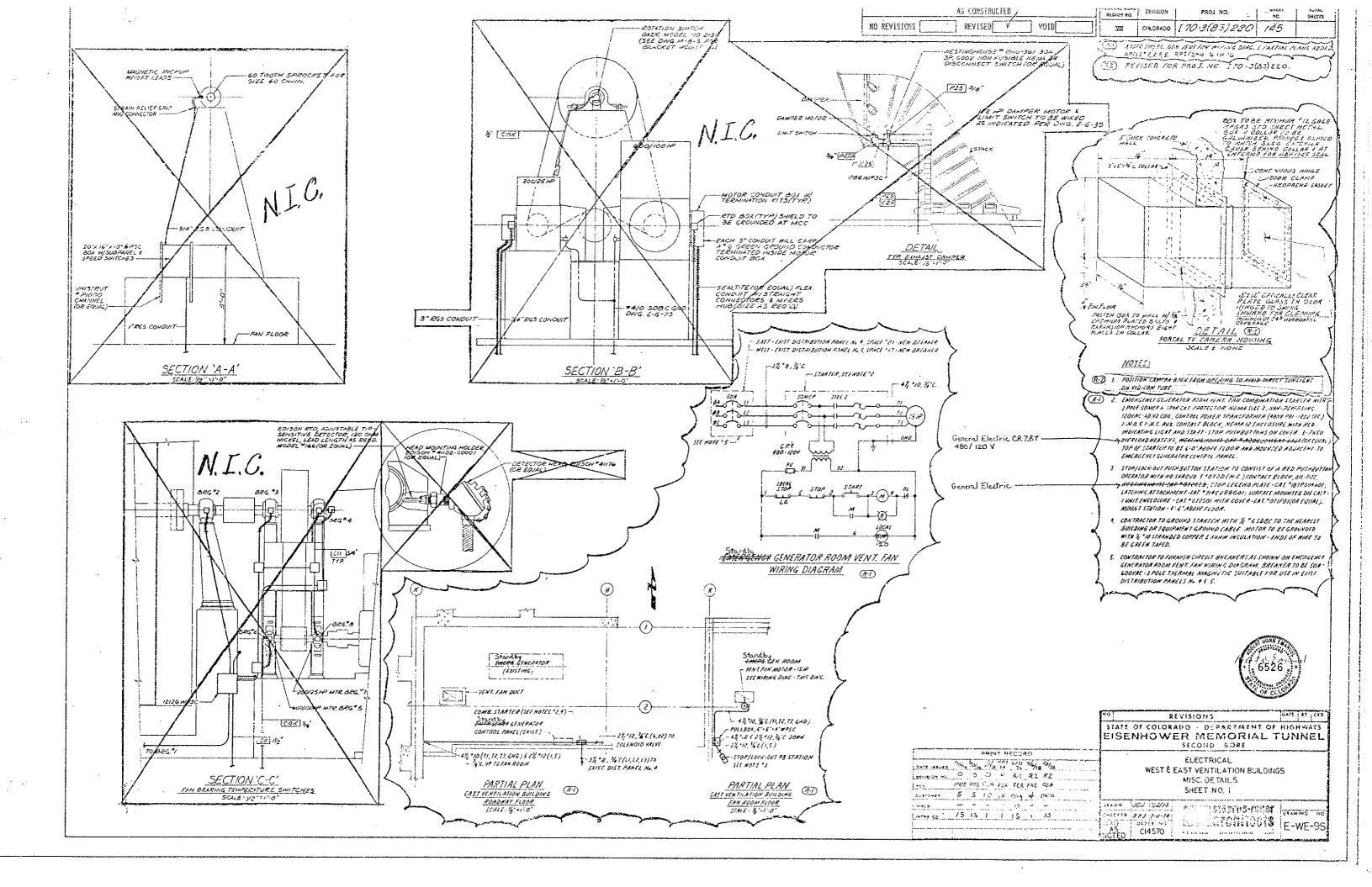
 (RE EQUAL).

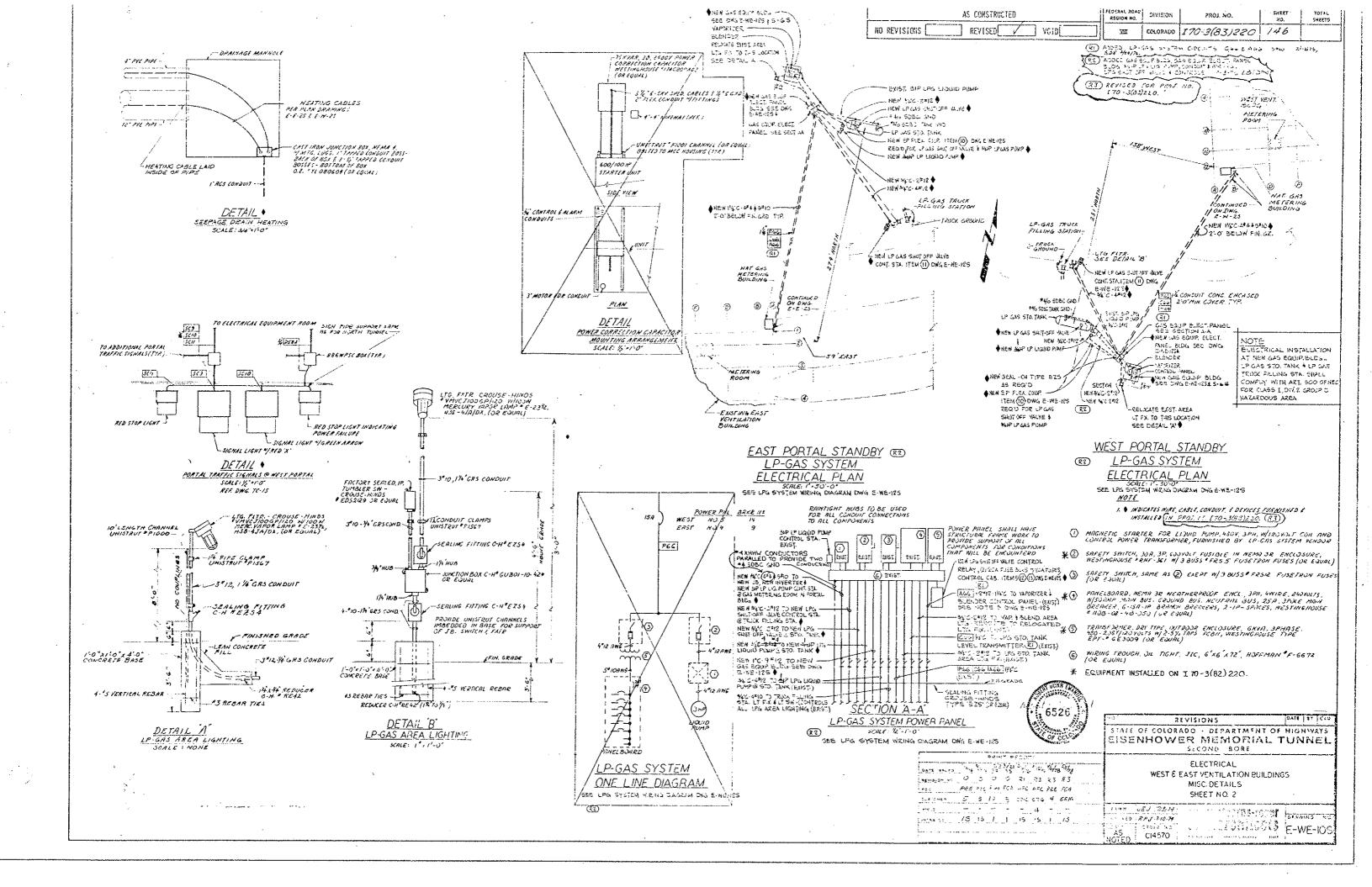
 (RE)B. & INDICATES WIRE, CABLE & CONDUIT FURNISHED & INSTALLED IN PROJ. NO. 170-3(83)220. MLL OTHER NORK IS EXISTING.

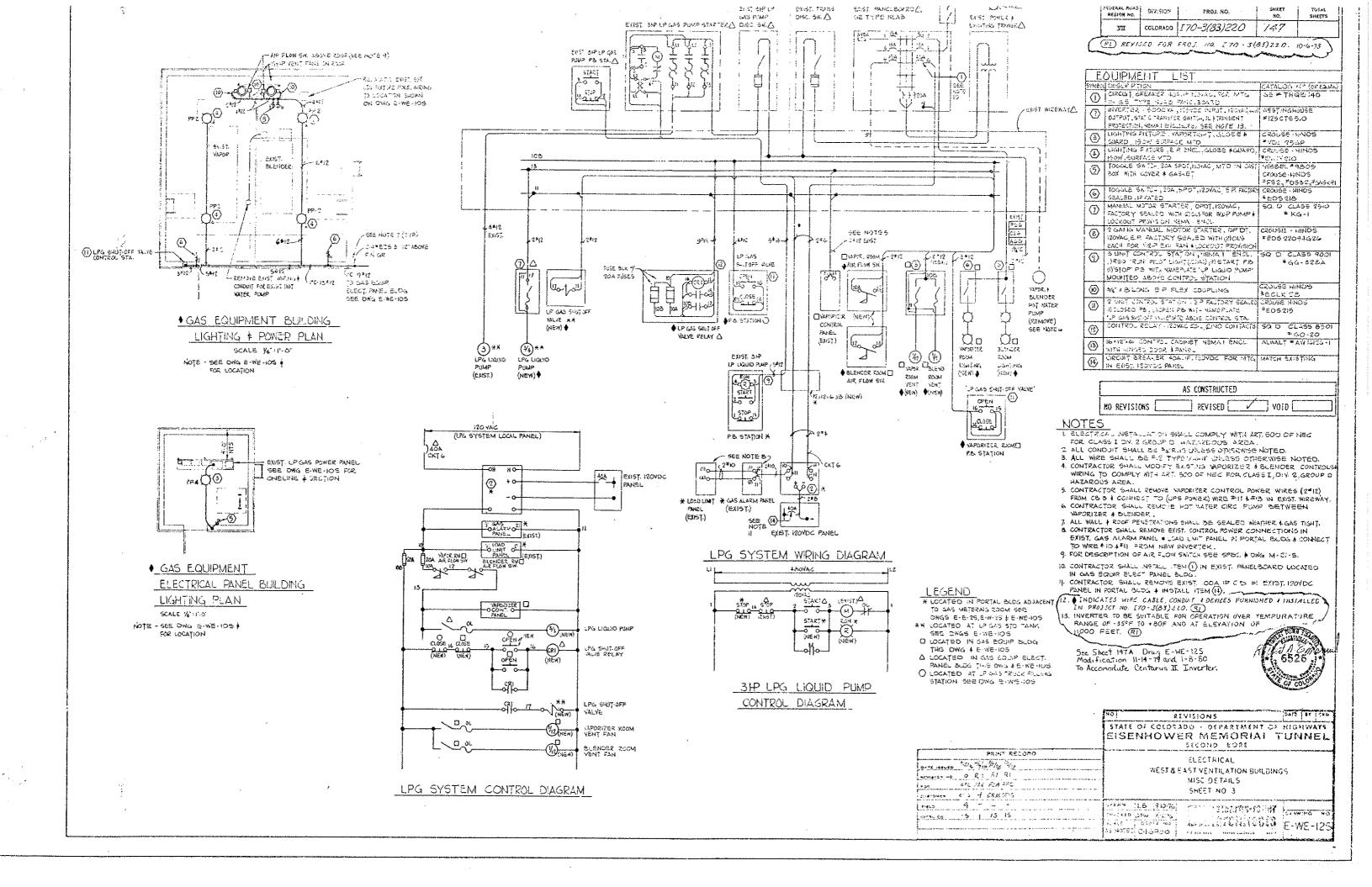
AS CONSTRUCTED NO REVISIONS REVISED JGIOV

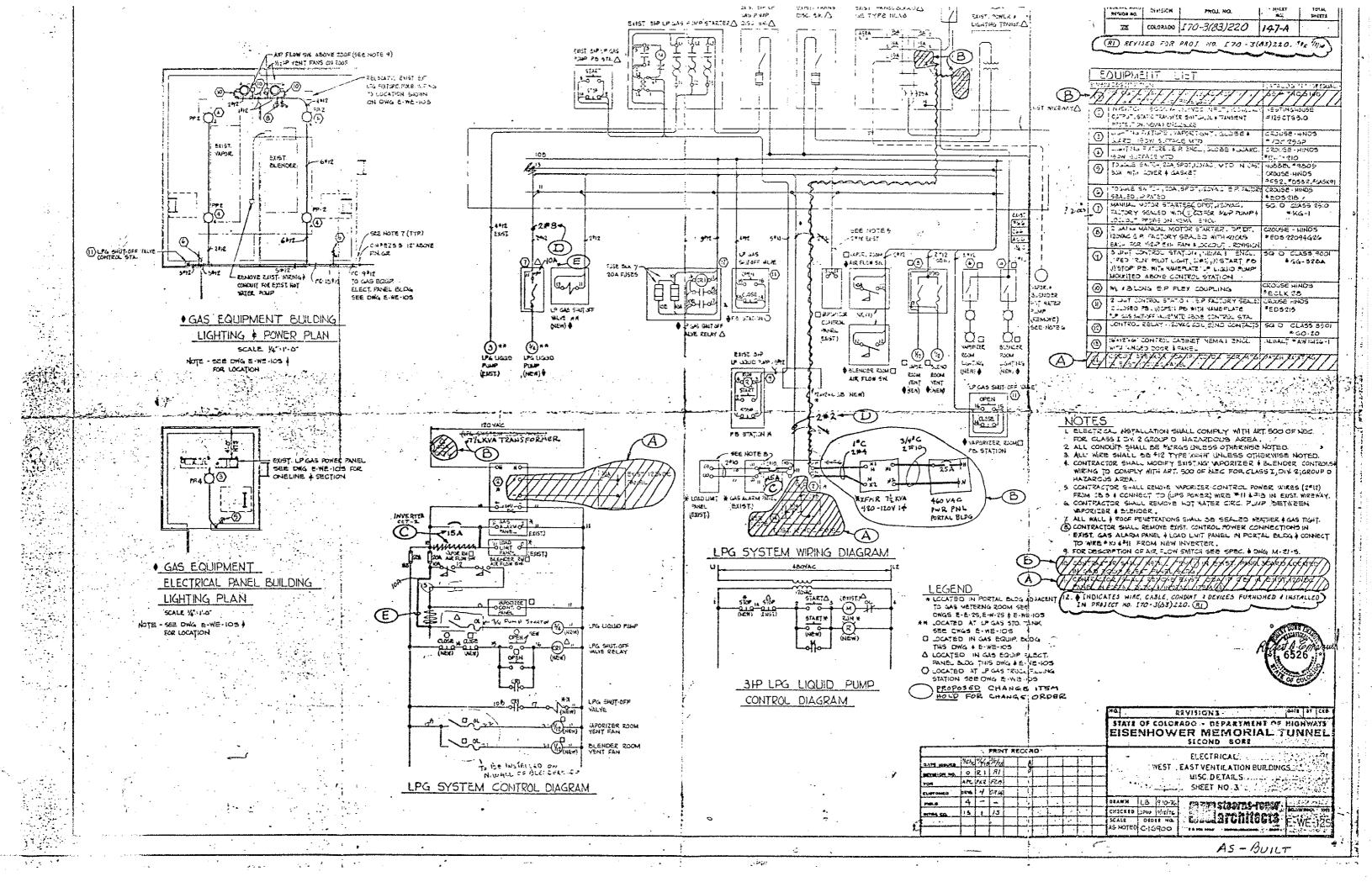


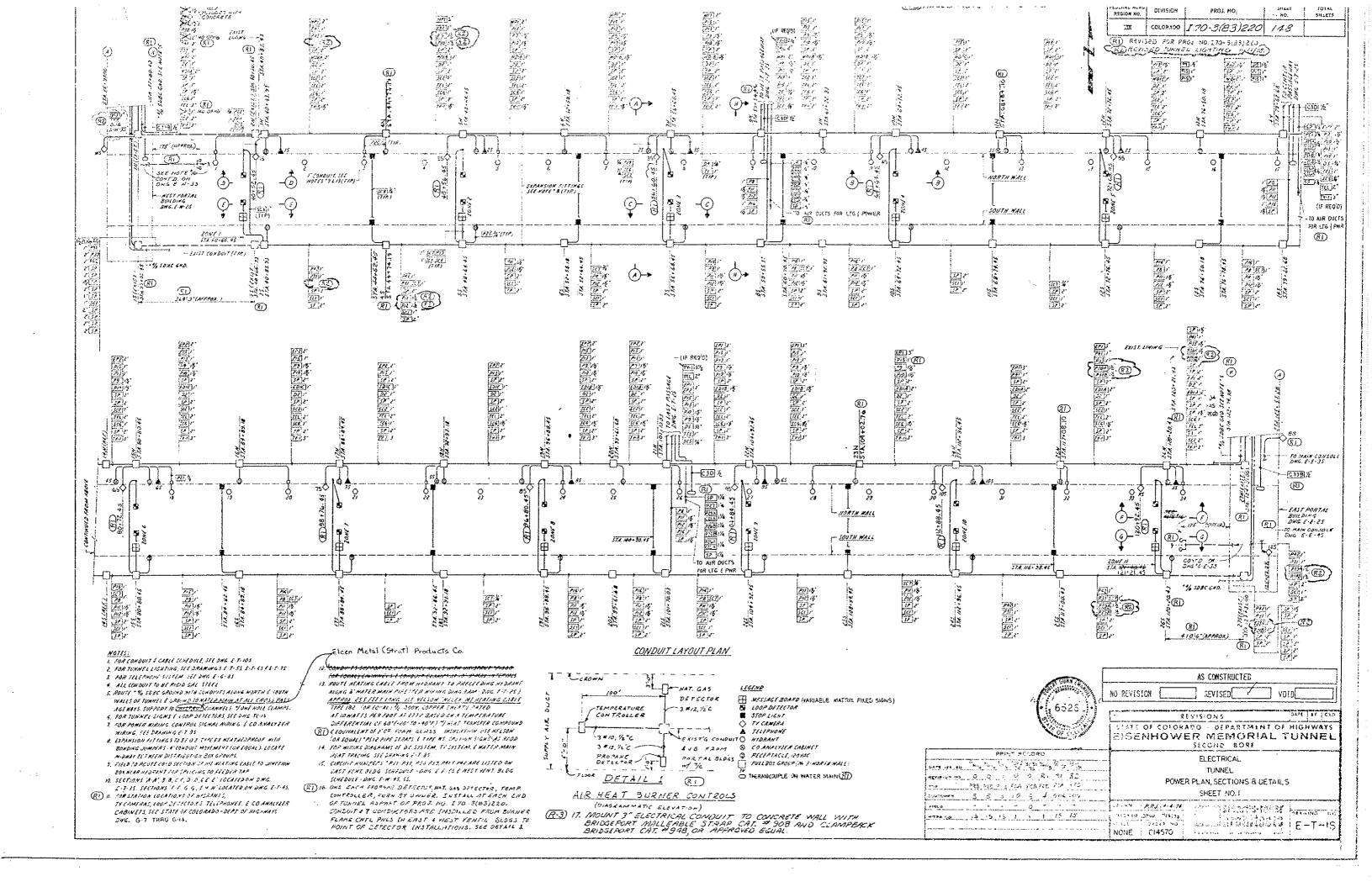
	NO REVISIONS PARE SY CED				
	STATE OF COLORADO - DEPARTMENT OF HIGHWAYS EISENHOWER MEMORIAL YUNNEL SECONO EORE				
DEINE ACCORD	ELECTRICAL				
DATE STURE TO WELLE THE THE THE THE	WEST & EAST VENTILATION BUILDINGS				
MY: E27.72 0 0 0 0 21 72 82	CONDUIT SECTIONS & DETAILS				
LOOK PRE APE SA ACA APE PRE FOA	SHEET NO. 2				
currence 5 5 0 14 cm 6 4 0814					
PES	CEW J-24-74				
MINA CO 15 /5 : 1 15 1.5	413 RPJ 7-3474 (14 M) 14 M				
	45 NOTED C14570 E-WE-6S				

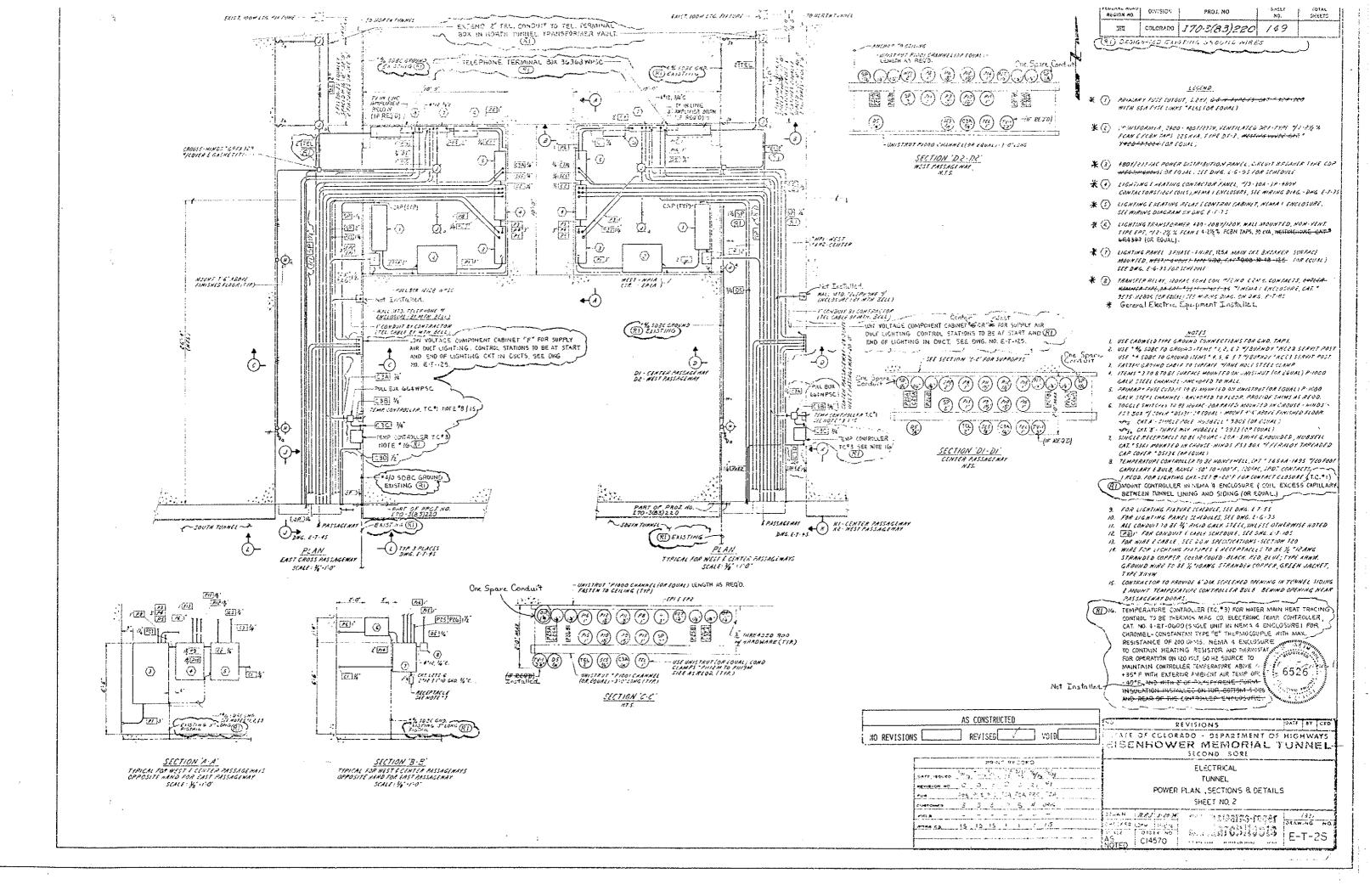


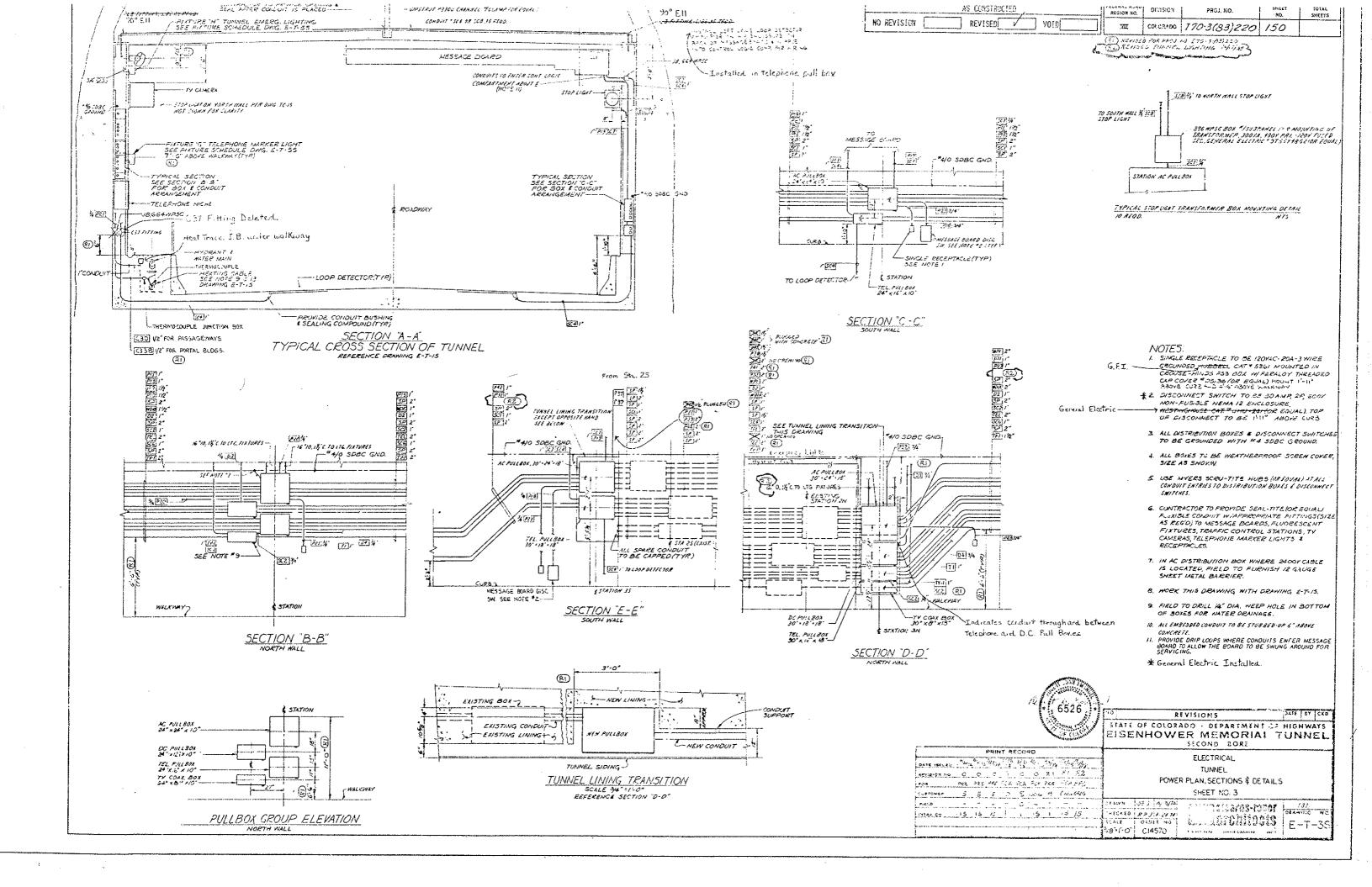


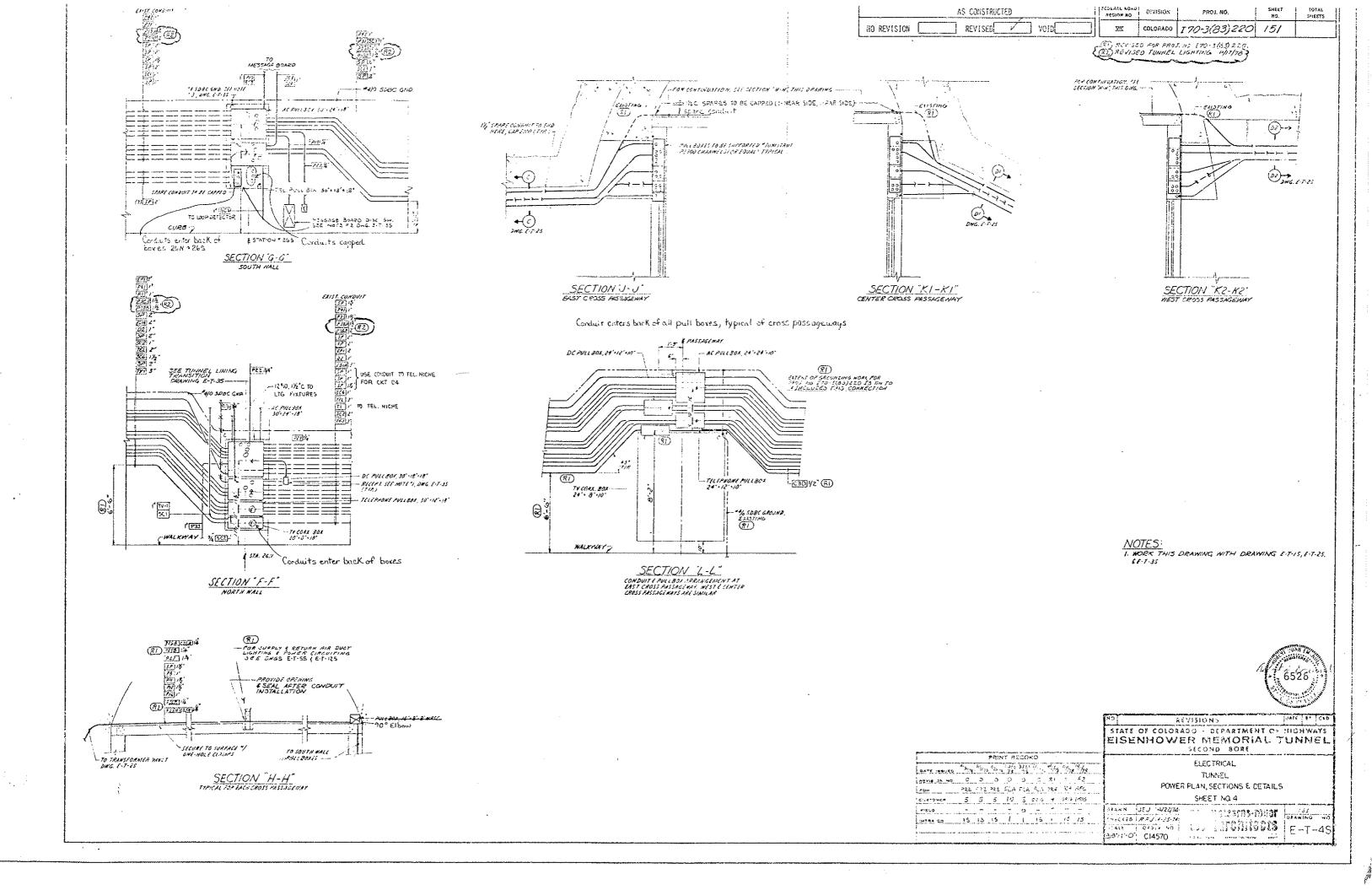


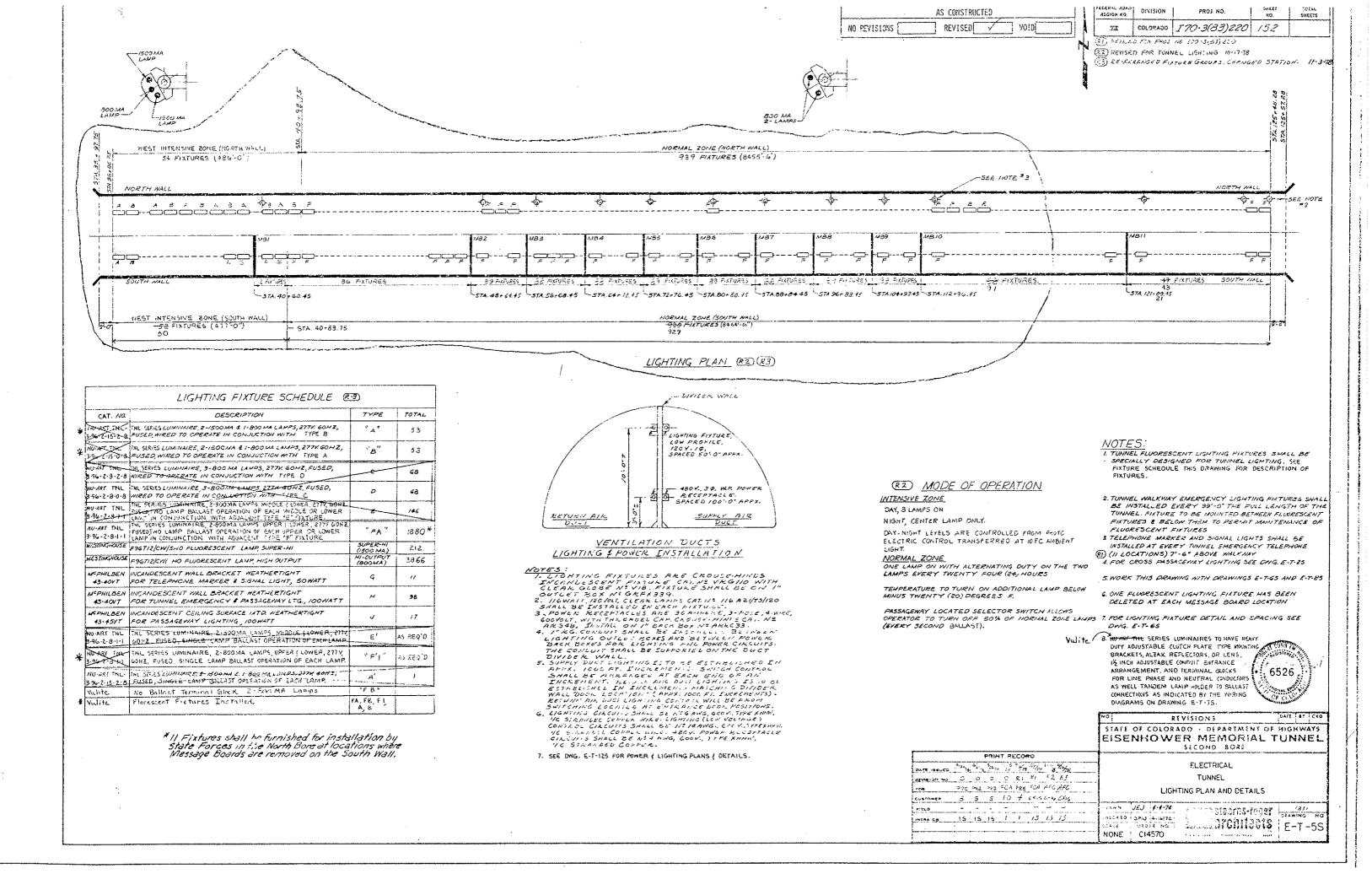


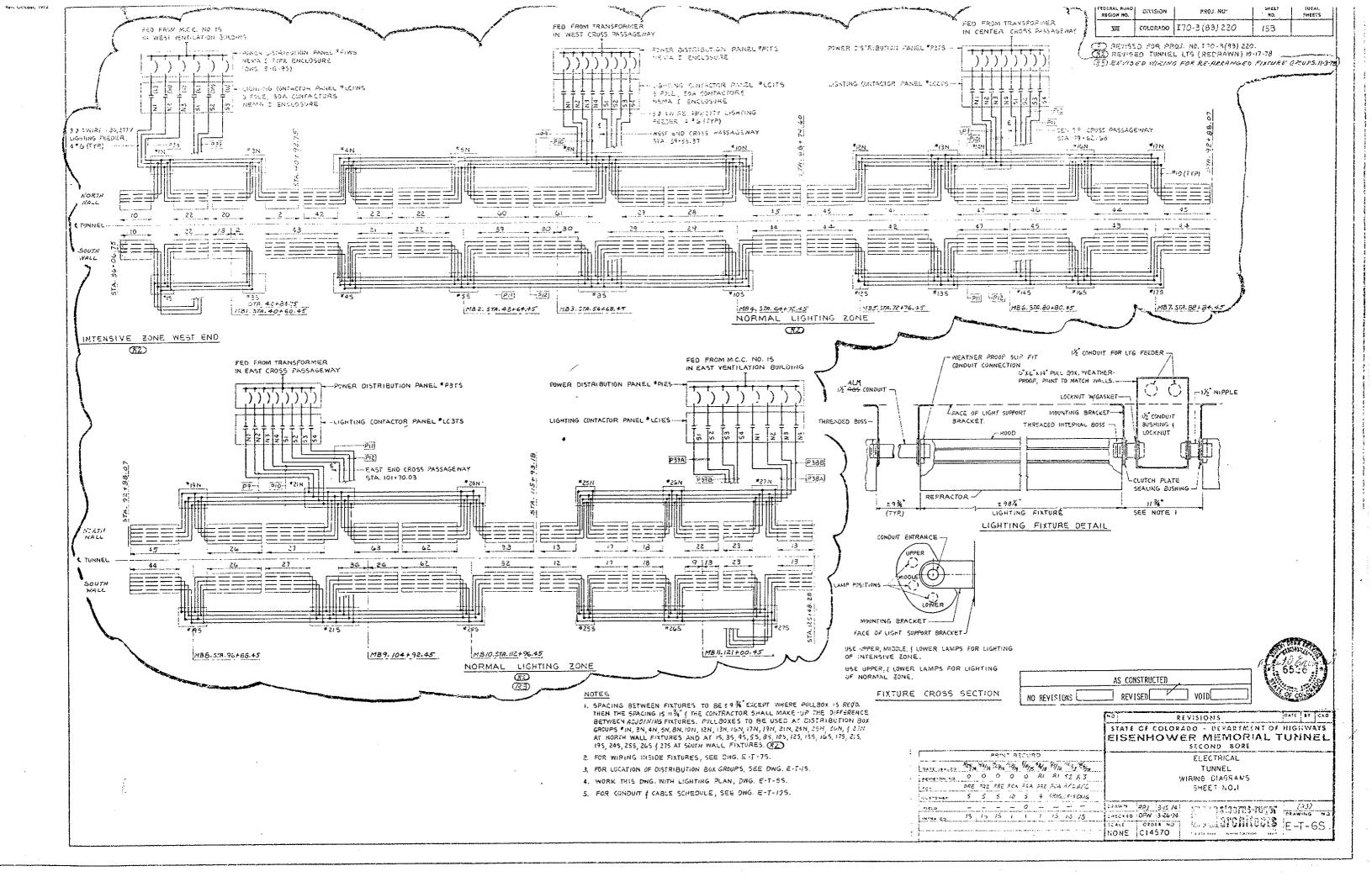


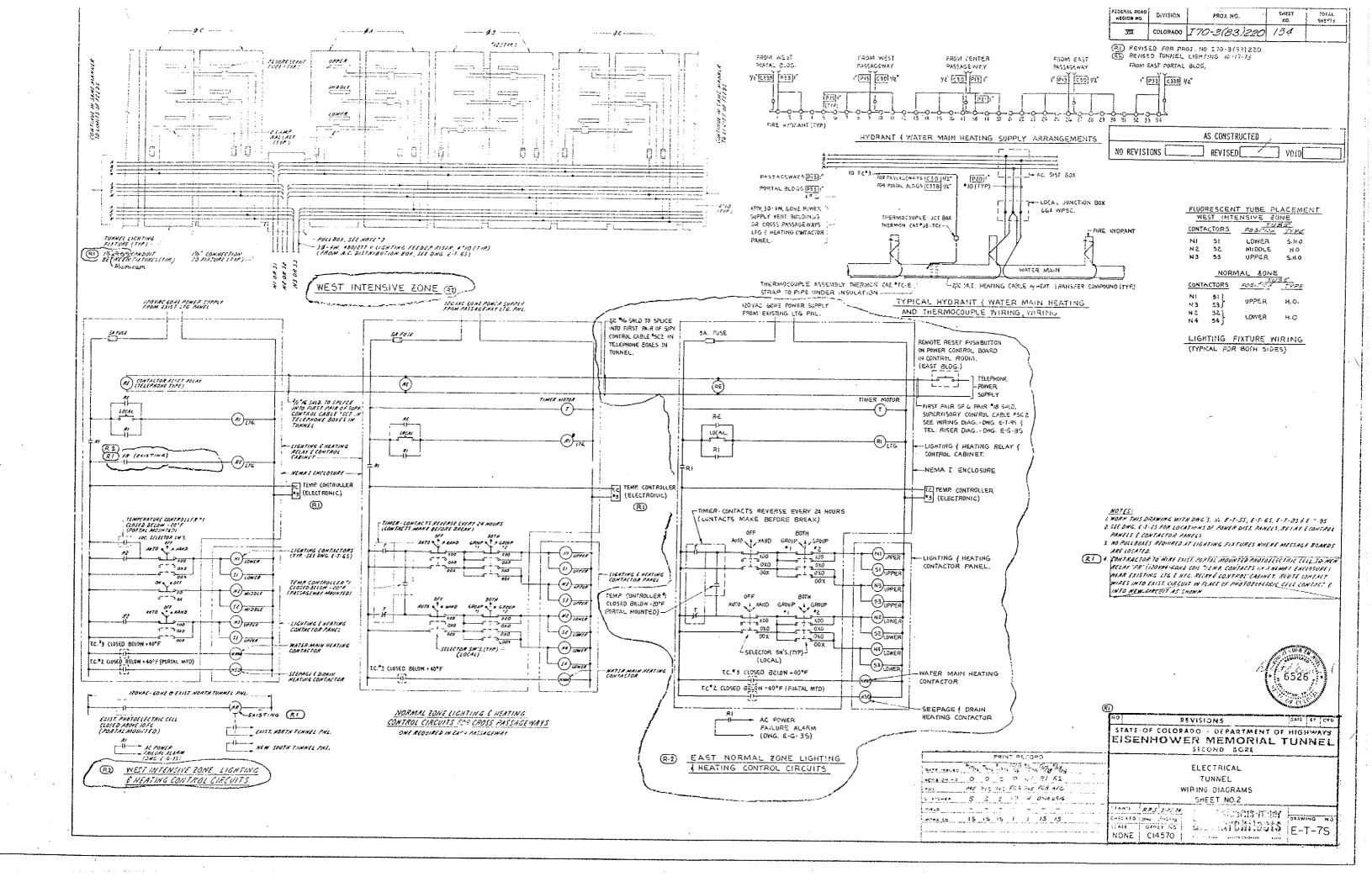


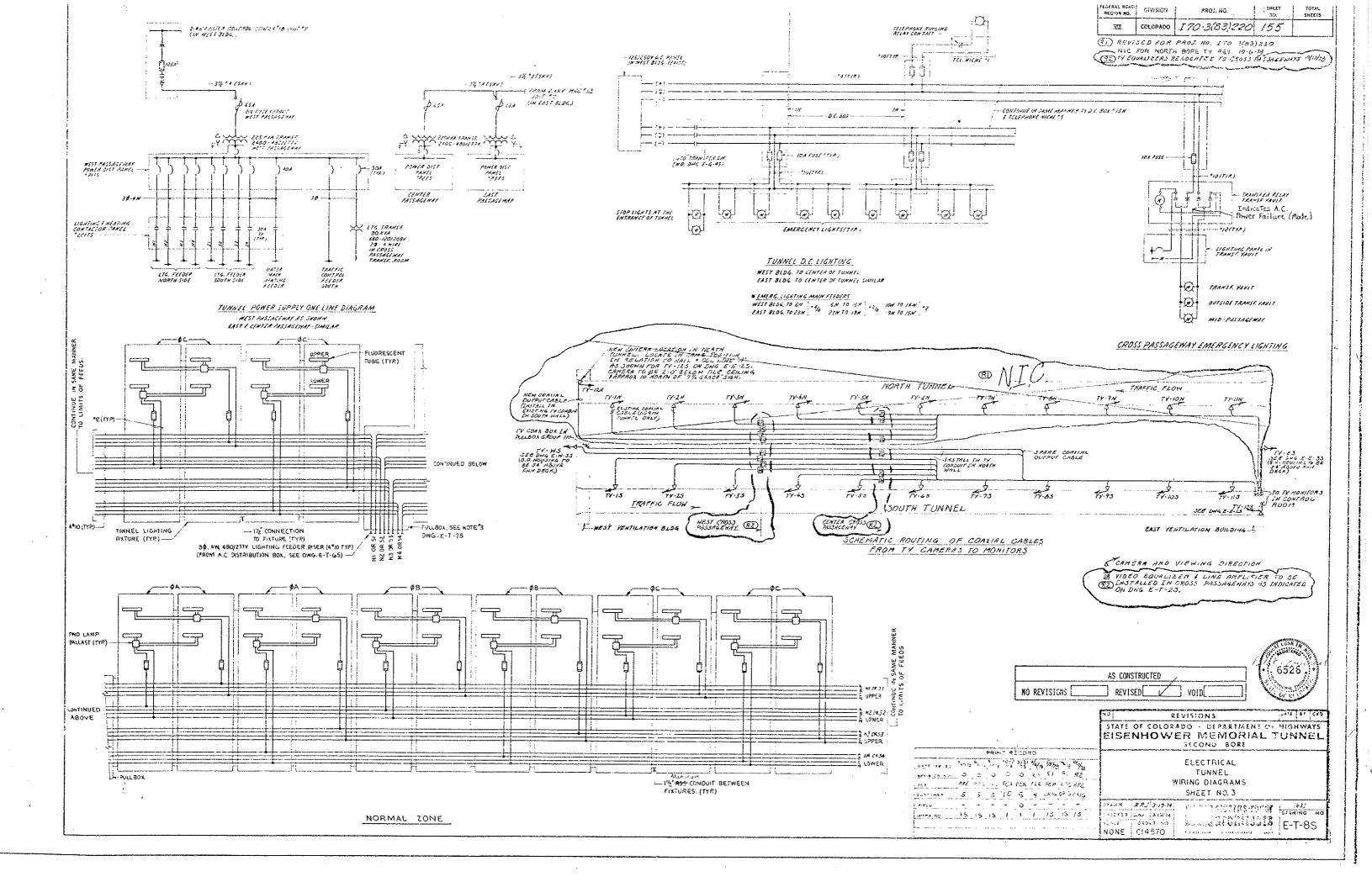


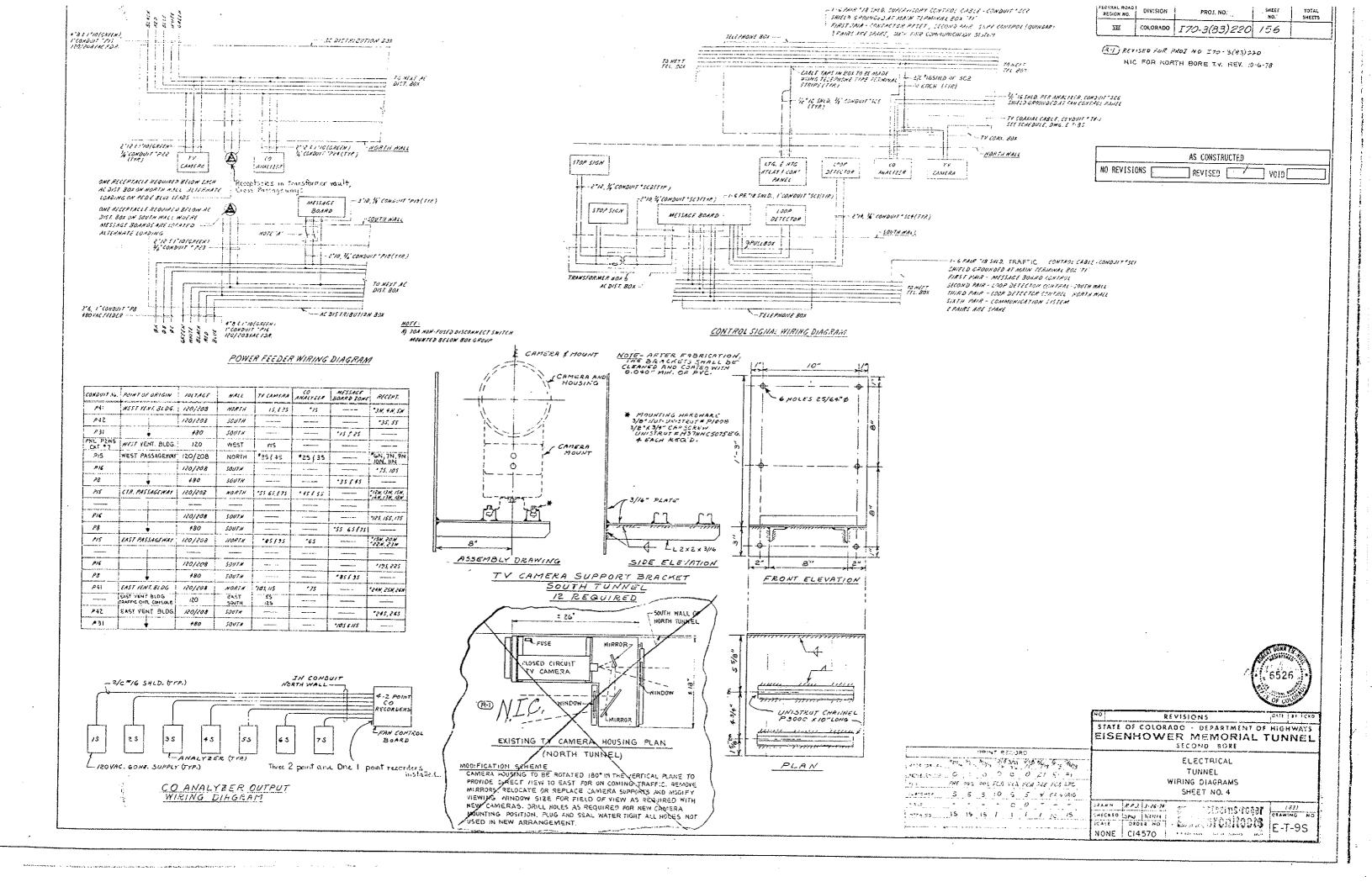




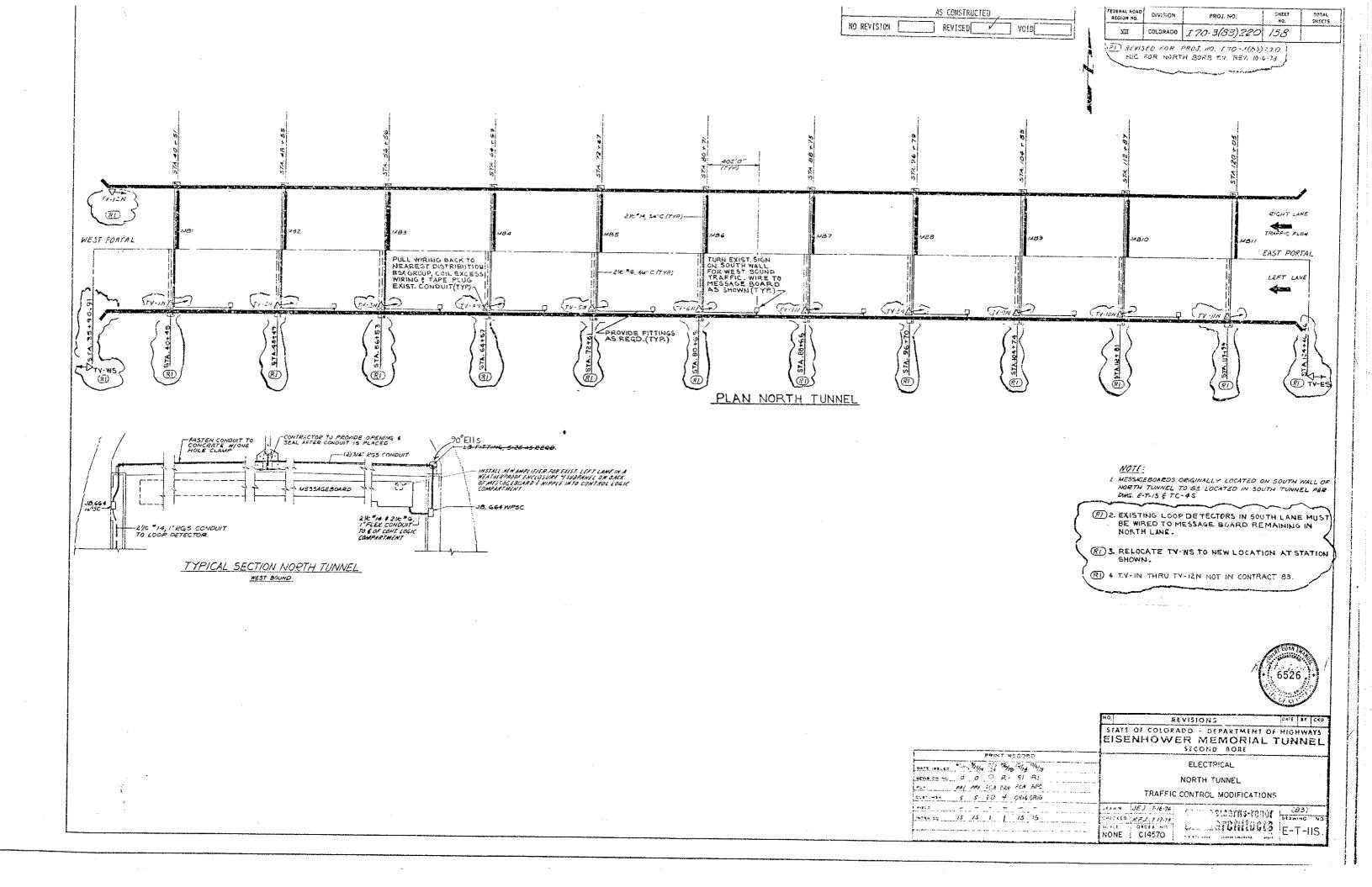


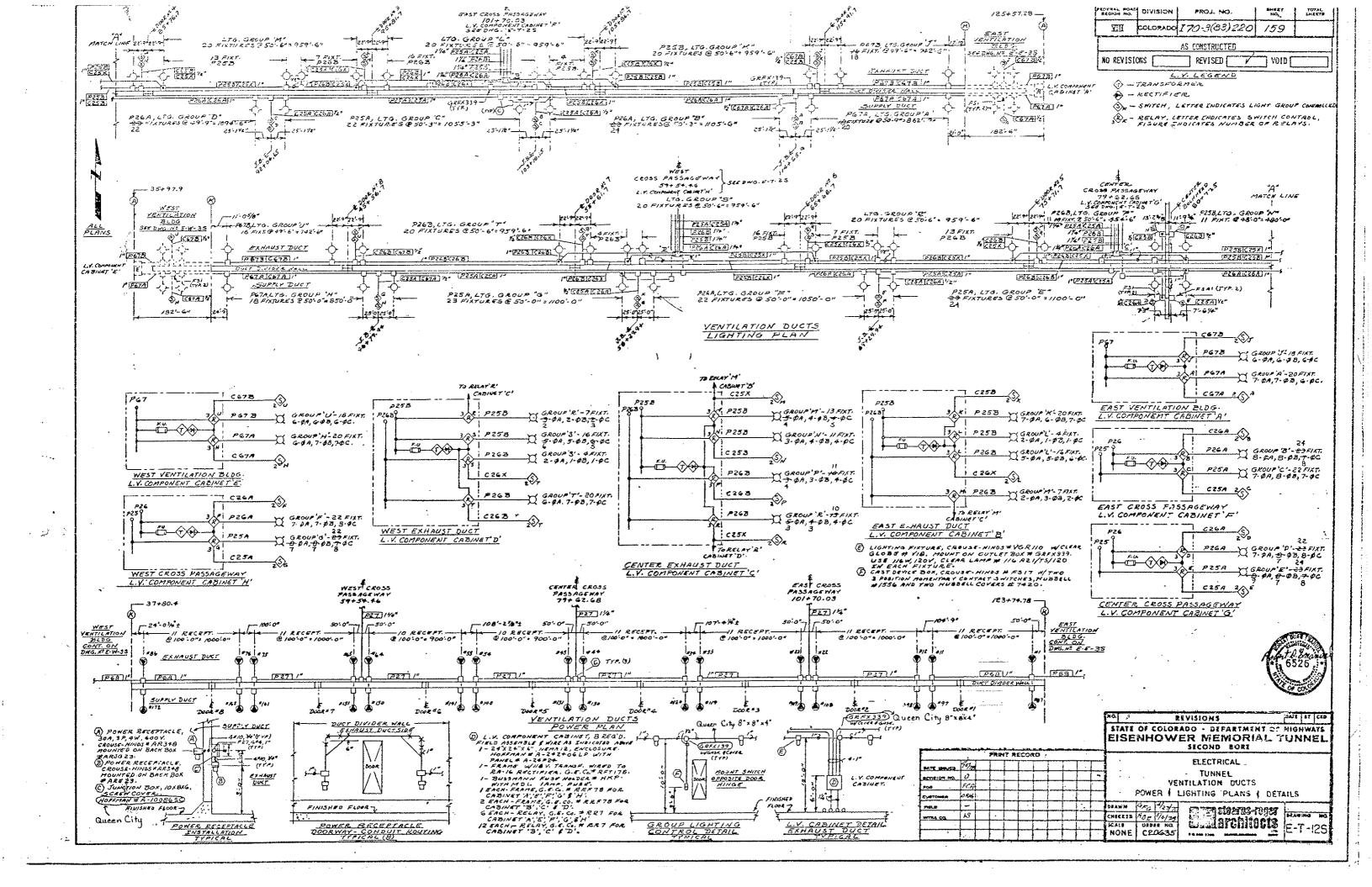


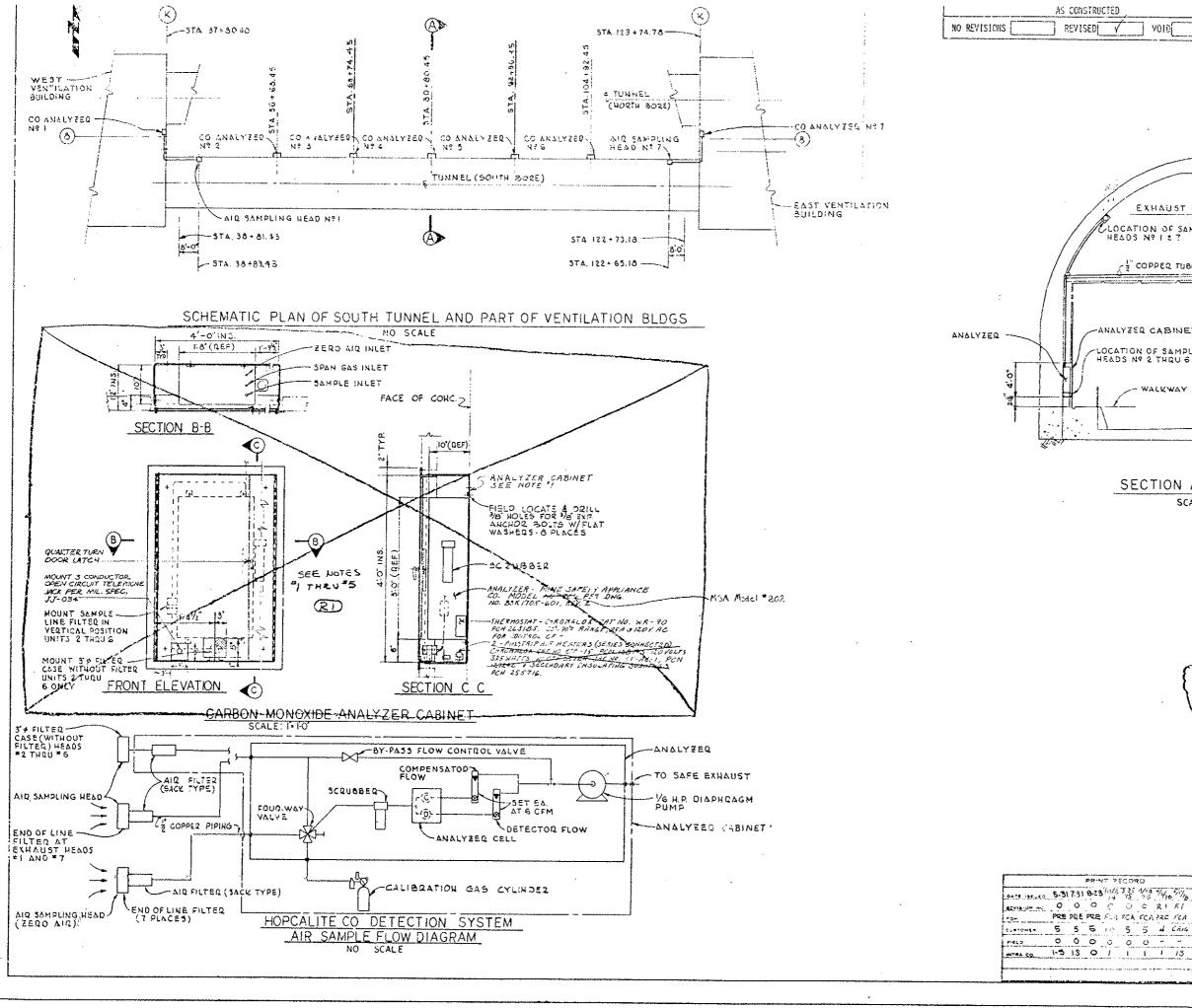




1		4										PROJ. NO. SHEET TOTAL
ļ		WIRE OR CABLE		T G	FUNCTION	CO		WIRE OR CASE		10	FUNCTION	TEX COLORADO 110-3(83) 220 157
NO	KUND	SIZE & TYPE	770	10	FONCTION	NO	KIND	SIZE & TYPE	FRUM	1	Ì	(F) RENSED FOR FROJ NO. 170-3(03) 220 % 440
D EPI	40 1	1 101 1501	24721 9553 45 108 Ensel, Sirely 3	18415 Palamishur 201848 6.12	T ASSCRIPT SEEDER	17/		- CABIC 81.11/12.	C TELEPHONE TISTRIZETION NO.	relepent Nicke	Commudicarist & welst confiner	The state of the s
5	and over my and the	3 16 4 15 41	240-1 (250 BE 16) 28 7-18 (170)	1357 9 FANTSFJAMER FRIMART	 	1 Tak	: 1	<u> </u>	50.74			(A)
; 			3005 THESHELMIN PRI FUEL KUPTI					- checkorning	TELEPHONS EOS " 14	FREPAGE EUI 27N	COMMUNICATIONS	
			:					· · · · · · · · · · · · · · · · · · ·				
672	·		18857 2038-16/841 Par 1038 CV TV.		2130 YOUT 18EDE4			1				AS CONSTRUCTED
672 B	1	3 R. + 1/5 (1)	CENTER PASSAGE BALL PRES SUSE CULTUR	COSKYH THINKSTOWNER PRIN ART	 	TY	1 1/23	(B) MOTOPOLA)	TV CAMERAI(-).	Fl moderages	TY SURVEILLANCE SISTEM (SEE MOTEN)	NO REVISIONS REVISED VOID
11					<u> </u>			-				7010
								1				
PI	,"	" /c 15:0 HEN (S.D),	205 Kin Tundergain - confound	AC POWER DISTRIBUTION PANIEL	41.1/2774 FETDER							
P2	 		107.1000			(F:55)	A	31/6 # 14	SELAY BOX IN CROSS PASSAGE	LTG CONTROLS, WEST SUPPLY DUCT	AIR DUCT LTG CONTROL	
P3		16 4.6	AC POWER DISTRIBUTION PANEL	LEG & HTG CONTINCTOR PANEL	ruidel Karry Ire For NI 10 44					LIG CONTROLS EAST EXHAULT OUC	- -	₩ \
24	7.7	16 7: +6			TORNEL Smith LIS FOR St 19 18	2253	7.00	3 1/c = 14	RELAY BOX, IN EXHAUST DUCT	AQUACENT RELAY BOX, IN EXPANSE DUCT	CONTROL FOR DUAL RELAY SYSTEM	
25		3 /2.5 (1)	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	INTER MAIN PIPE ATE FOR.	\ \	<u> </u>	1		100 000 000 0000 0000		60 /
PG P7	 * 		NOT USID	16 TENNESTORIES PROMINI		0262	2008	3 1/2 * 14	w4	LTG CONTROLS WEST EXHAUST DUCT	**	\$\frac{1}{8}\}
28	1 , 7	3 4406	AC POWER DISTRIBUTION PARTS	South fall AC DIST. BOLES	TRATEC CONTROL			3 /0 +14			CONTROL FOR DUAL RELAY SYSTEM	<u>ق</u> ا
pэ		5 /k . 6	116 E HTG CONTRACTOR PAREL	NORTH HALL AC DIST. BOXES	TUNVEL LTS PREDERS *11. Hz	4	(ED)		,			
P// 0		5 7c + 6		Sourd Vall AC DIST BORS	Todas IT; FEEDERS # 43, 44.		\ \tag{\tau}	1			+	
P /2	+	2 10 - 6		15507-7-741 NC 25-07 (50X6)	Turnel ira respensivas sa		 				1	i i
213	77	4:75 6		diand while me dist. Boxes	White mind two dig 100.							
D/4	7"	4 /01% (1)	To sale made more to the	LIGHTING PHILE	(S.) AND THE BER (C.) AND THE R. TUNGEL MESENTACLE.			1		<u> </u>		
P15	+ , , ,	4 1818 (1000) 6	FIGHTIME PANEL, BK25. \$ 1-3-5	Sourd WALL HE DIST BOXES.	C) while a timbel receptable, TO CHOSE PHILESORY ACCOMMENTEEDER	-	-	 		<u> </u>		
217			NOT ISED				· 	<u> </u>				
P18		+ 1/2 1/0	AC DISTRIBITION BOX	LOCAL DISCONNECT SMITCH	MESSAGE BOARD CUT- OUT					-		
7-19		2 1/c +10 + /c +104	 	MESSAGE BONRD JUNGTION BOX MEAR HYDRANT	NATE - MAIN SIPE HEATING FEEDER						<u> </u>	
P2)		2.4010		JUNCTION BOX HEAR HYDRAN'T '18	WALL SIAM SPECKENING PLEBES			 		 		NOTES
P12		2 700124 100 100		TV CAMERA	123/ 566358		 	<u> </u>				1. ALL 4804AC, 120/202 VAC, 125/250 VDC
P 23		2 1/01/2 6 10010 6		Toddel Receptacle			1					WIRE I CHOKE TO BE STURNDED IC CUPPER, TIPE XHAW COLOR CODED AS
225		2 1/0 = 12 1/10 = 10 5 4 1/10 = 10	LIGHTING FANEL BREAKERS \$3.10,12	CO AMALIZER CARINGER RELAY BOX	AIR DUCT LTG. FOR.	\ 	-	1				FOLLOWS: PHASE A - DINCK
PZSA	14.	3 12 5	RELAY BOX	NEST SUPPLY DUST LTS	(D)	\ 	1	 	 			PHASE B - RED PHASE C - BLUE
P758	11+1	4 1/5 ° 6	RELAY ROX	EAST RETURN DUCT LTS	<u></u>	\subseteq						HEUTRAL - WHITE
/ 1 >	1/2		LIGHTING PANEL BREAKERS #14,15,18	RELAY BOX	<u> </u>	{				_		GROUND - GREEN
P26A	1/3		RELAY BOX	MEST RETURN DUCT LTS		<i>!</i> —	+	 				2 FOR WIRE & CABLE, SEE ELECTRICAL CONTRACT SPECS.
P27	1 4,"	3 1/4 1/4 1/4 1/4 1/4	AC POWER DISTRIBUTION PANEL	RECEPTS, SUPPLY (PETURN DUCTS	A	— ر	 					3. THIS CIRCUIT SCHEDULE IS TYPICAL FOR EAST, CENTER, AND MEST CROSS MISSAGEMAYS
										<u> </u>		4. INSTALL SPARE CONTACTORS ENUM FROM TV CORN DOX
 	 				· · · · · · · · · · · · · · · · · · ·	ļ			ļ	· · · · · · · · · · · · · · · · · · ·	 	IN PULLBOX GROUP IN TO IV CONSULE LUCATED IN EAST
1	╀──╁			-			 					PORTAL CONTROL ROOM ALL CONNIC CABLE SECTIONS POSTERING TO BE CONNECTED WITH HELP SPECIAL INDUSTRIES.
₹DM		3 1/2 1 4/5	AUTO, TRANSFER SWITCH	DE DISTRIBUTION BON # 23N	TURNEL D.C EMER" LTS FOR							: NG[SSA] WHIEF FORGE PY - COMP - FYPE - MAKE /FEPAGE
EDIO		5 10 2/0	D.C. DISTRIBUTION BOX * ZIN D.C. DISTRIBUTION BOX * ZIN	DC DISTRIBUTION BUN # 19N DC DISTRIBUTION BUN # 18N	 		ļi			<u> </u>		Connector CONSIGNATION TO CONTRACT
€DIC VDIA	+	3 1/0 4/0	AUTO TRANSFER SWITCH	DC DISTRIBUTION BOX + 6N		-	1	 	<u> </u>	 	 	(RIS SPAKE CONQUITS ARE NOT INDICATED ON THIS SCHEDULE BUT SHALL BE INCLUDED
2018	+		DC DISTRIBUTION BOX SM	D.C DISTRIBUTION BOX + 10N		-	†	 				IN PROX NO 170-3(83)220,
WOLC	/′	3 4002	J. C. DISTRIBUTION AUX! ION	DC DISTRIBUTION BUX :1N								
	1 , 0 1	3 16.4	D.C. MAIN PANEL	D.C. DISTRIBUTION BOXES	TELEP-INE MARKER (SICHAL LICHT FOR.			 			 	
D2 D5		3 70.04	DC DOTRIBUTION BOXES	<u> </u>	TUNNEL EMERY ITS FINTURES						-	
24	7	2 40.00		<u> </u>	relandone marker; sicilal light							İ
25	15-	2 1/6 + 10	<u> </u>	LIGHTING TRANSFER BELAY								
	-					}	├	 		 	 	
						-	 					
1 —			LIGHTING PANEL BAR I	-	CONTROL POWER FEEDER							
1-1		6 1/c=12	LIG ENIG. RELATE CONTROL PHL.	ITE GATE CONTRACTOR PHAIL	CONTRACTOR (R)	3						ATTERNATION OF THE PROPERTY OF
- · · —		Z 1/c * 12	JUNCTION BOX	TEMPERATURE CONTROLLER T.C. #1		}	├	<u> </u>	 		 	\$20.20
C3C	3/4"	4 1/6 #12)	TEMPERATURE CONTROLLER T.C # 3	CATROLER FOWER	{}	 				1	
C3D	1/2"	1 2/0 20 CHROMEL/	TEMPERATURE CONTROLLER T.C. #3	THERMOCOUPLE ON WATER MAIN	TEMP. SENSING.	}						D FOR INFORMATION GNLY
SC/		1 6741R \$18 2122	MAIN CONTROL CONSILE	Water Will Bire vond Chie Boile	SUPERASORY CUATROL & COMMUNICATION							NO REVISIONS - DATE OF CERT
		1 6 PAIR * 12 TALD.	TELEUHINE DISTRIBUTION 50X	MESSAGE BOWNED	Desai	L	<u> </u>		· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>	STATE OF COLORADO - DEPARTMENT OF HIGHWAYS
504	+	2. IC · IN TYPE UF	MESSAGE BUNNE	LOSP DEFECTOR	contrad. Treiche							EISENHOWER MEMORIAL TUNNEL
1 }	14				Timbes 116 Reser starem.						PRINT PECORD	ELECTRICAL
sec			CO. ANNLIZER CHENET	<u> </u>	CO. KECORDEN					DATE CHEV	50 32 4/8 % 3/3/20	TUNNEL
568			MESSAGE BOARD LOCAL TRANSCORMEN BOX	LOCAL TRANSFORMER BOX	SHIFTOL THEFAL					ACTION S	0 0 0 0 0 0 21 5	CONDUIT & CABLE SCHEDULE
1E	(ID)									FOR CUETCHER	225 105 230 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	2									FIELD		DECAN CONTRACTOR FRANCE CONTRACTOR
										INTRA CO		CHECKED HALL 1-1 24
	ıl								, , et	<u> </u>		THONE C14570 CASTANA CITATION E-T-105
L												

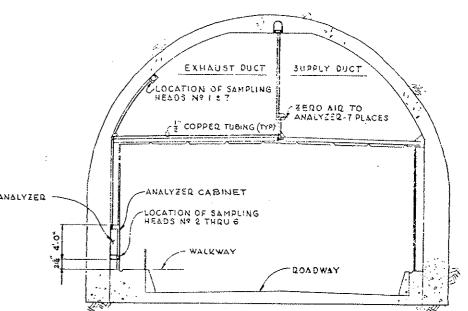






REGION NO TOTAL DEVISION PROJ. NO. COLOPADO 170-3(83) 220 161

(E) REVISED FOR PROJ. NO. 170-3(83)220



SECTION A-A TYPICAL SCALE 3/16 = 1-0

NOTES:

- I. ALL ANALYZERS EXCEPT *1147, WILL HAVE A CABINET AS DETAILED ON DWG WF-G. (R)
- 2. UNITS 2 THRU & WILL BE MOUNTED ON WALL ALONG ROADWAY IN TUNNEL AND REQUIRE AIR SAMPLING HEAD MOUNTED IN OPENING BELOW CABINET IN TILE WITH 5'X'S SCREEN.
- 1 UNIT 1 7 WILL BE MOUNTED IN EXIST. CO. ANAL. ROOM IN VENTILATION BUILDINGS WITH AIR SAMPLING HEADS LOCATED IN EXHAUST DUCT - NOT ON CABINET DOOR
- 4. CO ANALYZER VERTICAL PIPING SHALL TERMINATE IN A DRIP LEG. AND NO SAGS PERMITTED IN HORIZONTAL PIPING.
- 5. ANALYZER CABINETS FOR WHITS 2 THRU & WILL CONTAIN A THERMOSTAT-CHROMALOX CAT. NO. WR. 90, PCN 26 3185, 200-90' F RANGE, 25A @ 120V. AC. (OR EQUAL) FOR CONTROL OF 2-FINSTRIP AIR HEATERS (SERIES CONNECTED) CHROMALOX CAT NO. OFF 15. PCN 128143, 120 YOUTS, 325 WATTS, WITH OTP COYER CAT NO.

Chromolox CIIE35 579/120 V 350 W 1KI Two each cabinet.

FOR INFORMATION OWLY REVISIONS STATE OF COLORADO . DEPARIMENT C: HIGHWAYS EISENHOWER MEMORIAL TUNNEL MECHANICAL CARBON MONOXIDE SAMPLING

AND ANALYZING SYSTEM PLANS, SECTIONS AND DETAILS 1244 CHEM 5-28-74

(83) -10110 RES 5-3074 M-I3 S C 14570

