COLORADO DEPARTMENT OF TRANSPORTATION
DENVER BACKBONE 2

SECTION 2
[FROM I-25/DAHLIA TO W 13th AV/SHOSHONE]

ISSUED FOR CONSTRUCTION

END SECTION 2

CITY ENGINEER'S OFFICE
DENVER, COLORADO

APPROVAL NOTES

Plans approved as to general requirements subject to the following:

(1) All construction within the public Right-of-Way shall conform to the City Standard Construction Specifications.

(2) Approval shall not relieve the Consulting Engineer preparing the plans of his responsibility for the design.

CITY AND COUNTY OF DENVER
DEPARTMENT OF PUBLIC WORKS

APPROVED

[signature]

Date 6-27-2000

BEGIN SECTION 2

SAFETY FIRST!
LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION
CALL UNCC 2 BUSINESS DAYS PRIOR TO EXCAVATION
CONTACT COLORADO "ONE" CALL @ 1-800-922-1987

CONFIDENTIAL

ADESTA Communications

1200 Landmark Center,
Suite 1300
Omaha, Nebraska 68102

Project Office:
6275 Joyce Drive
Golden, Colorado 80403-7541

PROJECT NO.:
901013

COLORADO DEPARTMENT OF TRANSPORTATION

BACKBONE 2
SECTION 2

CLARIFICATION NO.	[illegible]

REVISION STATUS

DATE	BY	DESCRIPTION

ORIGIN. BY:
DATE OF ORIGIN:
DRAWN BY: LOGICAL LINK
DATE DRAWN: 02-02-00
APPVD BY: [signature]
DATE APPVD: 6·14
FINAL APPROVAL: P.B 6·26

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CAD FILENAME: DAHLI001
SHEET: 1 OF: 1
SCALE: N.T.S.

39+360 MANHOLE - 39+600 MANHOLE - 240'

MANHOLE 39+360

38+860 MANHOLE - 39+360 MANHOLE - 500'

DENVER COUNTY
SEC 4
T4S - R68W

DIRECTIONAL BORE
4-6" HDPE DUCT
39+360 - 39+600
240' @ 66" MIN. COVER

PLACE
4'x6'x6' HR
MANHOLE
39+360

DIRECTIONAL BORE
4-6" HDPE DUCT
38+860 - 39+360

N

DIRECTION OF ENGINEERING

39+395 CONC DRAIN
39+375 DROP INLET
39+360 PROPOSED MANHOLE
39+338 POWER POLE
39+298 TOE OF SLOPE
39+271 TOP OF SLOPE
39+262 EOP
39+240 EOP
39+224 TOP OF SLOPE
39+202 TOE OF SLOPE
39+149 POWER POLE
39+142 DROP INLET

ENTRANCE RAMP

EXIT RAMP

R/W

6' CHAIN LINK FENCE

R/W

GRASS

48"ST

4'

CONC. DRAIN

DB

TS

20'

25'

MATCH LINE SEE DRAWING NO. I55

MATCH LINE SEE DRAWING NO. I53

W 6TH AVENUE

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COLORADO DEPARTMENT OF TRANSPORTATION

BACKBONE 2
SECTION 2

CLARIFICATION NO.	QUANTITY

REVISION STATUS

DATE	BY	DESCRIPTION
6/22	LLJ	UPDATES

ORIGIN. BY:
DATE OF ORIGIN:
DRAWN BY: LOGICAL LINK
DATE DRAWN: 02-02-00
APPVD BY: CR
DATE APPVD: 6.23
FINAL APPROVAL:
PB 6-26

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CAD FILENAME: DAHLI155
SHEET: 154 OF: 182
SCALE: 1"=20'

39+600 MANHOLE - 40+333 MANHOLE ~ 733'

MANHOLE 39+600

39+360 MANHOLE - 39+600 MANHOLE ~ 240'

DIRECTIONAL BORE
4-6" HDPE DUCT
39+600 - 40+098
498' @ 204" MIN. COVER

PLACE
4'x6'x6' HR
MANHOLE
39+600

DIRECTIONAL BORE
4-6" HDPE DUCT
39+360 - 39+600

N

DIRECTION OF ENGINEERING

39+600 PROPOSED MH

SIGN

39+525 CATCH BASIN

39+512 STREET LIGHT

39+497 POWER POLE

39+465 BOC

39+417 BOC

PARKING

PARKING

R/W

25'

48"ST

48"ST

48"ST

48"ST

R/W

ST

R/W

DB

DB

DB

DB

DB

DB

ENTRANCE RAMP

MATCH LINE SEE DRAWING NO. 156

MATCH LINE SEE DRAWING NO. 154

W 6TH AVENUE

SAFETY FIRST!

LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION

CALL UNCC 2 BUSINESS DAYS PRIOR TO EXCAVATION

CONTACT COLORADO "ONE" CALL @ 1-800-922-1987

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BACKBONE 2
SECTION 2

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DATE	BY	DESCRIPTION
6/22	LLJ	UPDATES

ORIGIN. BY:	
DATE OF ORIGIN:	
DRAWN BY:	LOGICAL LINK
DATE DRAWN:	02-02-00
APPVD BY:	SB
DATE APPVD:	6.23
FINAL APPROVAL:	PB 6-26

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CAD FILENAME: DAHLI156

SHEET: 155 OF: 182

SCALE: 1"=20'

39+600 MANHOLE - 40+333 MANHOLE ~ 733'

DENVER COUNTY
SEC 4
T4S - R68W

DIRECTIONAL BORE
4-6" HDPE DUCT
39+600 - 40+098

39+781 MANHOLE

39+718 OVERHEAD SIGN

39+661 LIGHT POLE

N

DIRECTION OF ENGINEERING

SEARS OUTLET

GRASS

GRASS

GRASS

R/W

5'

ST

48"ST

48"ST

R/W

DB

DB

DB

DB

DB

MATCH LINE SEE DRAWING NO. 157

MATCH LINE SEE DRAWING NO. 155

CONCRETE WALL

CONCRETE WALL

W 6TH AVENUE

OVERHEAD SIGN

SAFETY FIRST!
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BACKBONE 2
SECTION 2

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DATE	BY	DESCRIPTION
6/22	LJJ	UPDATES

ORIGIN. BY:
DATE OF ORIGIN:
DRAWN BY: LOGICAL LINK
DATE DRAWN: 02-02-00
APPVD BY: SR
DATE APPVD: 6-23
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PB 6-26

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CAD FILENAME: DAHU157
SHEET: 156 OF: 182
SCALE: 1"=20'

39+600 MANHOLE - 40+333 MANHOLE - 733'

DENVER COUNTY
SEC 4
T4S - R68W

N

DIRECTION OF ENGINEERING

40+069 STORM LINE

~6' CHAIN LINK~

40+065 FENCE

DIRECTIONAL BORE
1-16" BIP E/W
4-6" HDPE DUCT
40+098 - 40+333
235' @ 132" MIN. COVER

39+994 END CONCRETE WALL

DIRECTIONAL BORE
4-6" HDPE DUCT
39+600 - 40+098

MATCH LINE SEE DRAWING NO. 158

12"ST

ST

R/W

48"ST

DB

40+098 BEGIN BORE

EXIT RAMP
TO INTERSTATE 25
(OVERHEAD)

7'

BEGIN BRIDGE

CONCRETE WALL

R/W

45"ST

MATCH LINE SEE DRAWING NO. 156

W 6TH AVENUE

SAFETY FIRST!
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CONTACT COLORADO "ONE" CALL @ 1-800-922-1987

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BACKBONE 2
SECTION 2

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DATE DRAWN: 02-02-00
APPVD BY: SR
DATE APPVD: 6-23
FINAL APPROVAL: PB 6-26

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CAD FILENAME: DAHLI158
SHEET: 157 OF: 182
SCALE: 1"=20'

40+360 MANHOLE - 40+996 MANHOLE - 636'

MANHOLE
40+360 AH/40+333 BK

39+600 MANHOLE - 40+333 MANHOLE - 733'

DENVER COUNTY
SEC 4
T4S - R68W

DIRECTIONAL BORE
4-6" HDPE DUCT
40+360 - 40+996
636' @ 60" MIN. COVER

PLACE
4'x6'x6' HR
MANHOLE
40+360 AH/40+333 BK

DIRECTIONAL BORE
1-16" BIP E/W
4-6" HDPE DUCT
40+098 - 40+333

N
DIRECTION OF ENGINEERING

STATION EQUATION
40+333 BACK
40+360 AHEAD
-27'

MATCH LINE SEE DRAWING NO. 159

R/W

ENTRANCE RAMP
TO I-25 NORTHBOUND
(OVERHEAD)

BNSF RAILROAD

CONCRETE SUPPORT

EXIT RAMP
FROM W 6TH AV
(OVERHEAD)

MATCH LINE SEE DRAWING NO. 157

15'

CONC DITCH

11'

DBL

ENTRANCE RAMP
TO I-25 SOUTHBOUND
(OVERHEAD)

R/W

40+360 AH
40+333 BK
END BORE &
PROPOSED MANHOLE

40+332 CONC DITCH

40+285 END STEEL PIPE

CONC DITCH

40+282 R/W

R/W

40+225 C/L TRACK

40+205 C/L TRACK

40+188 C/L TRACK

40+170 C/L TRACK

40+154 CONC. WALL

R/W

SAFETY FIRST!
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BACKBONE 2
SECTION 2

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DATE	BY	DESCRIPTION
6/22	LLI	UPDATES

ORIGIN. BY:	
DATE OF ORIGIN:	
DRAWN BY:	LOGICAL LINK
DATE DRAWN:	02-02-00
APPVD BY:	SR
DATE APPVD:	6-23
FINAL APPROVAL:	
	PB 6-26

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CAD FILENAME: DAHLI159

SHEET: 158 OF: 182

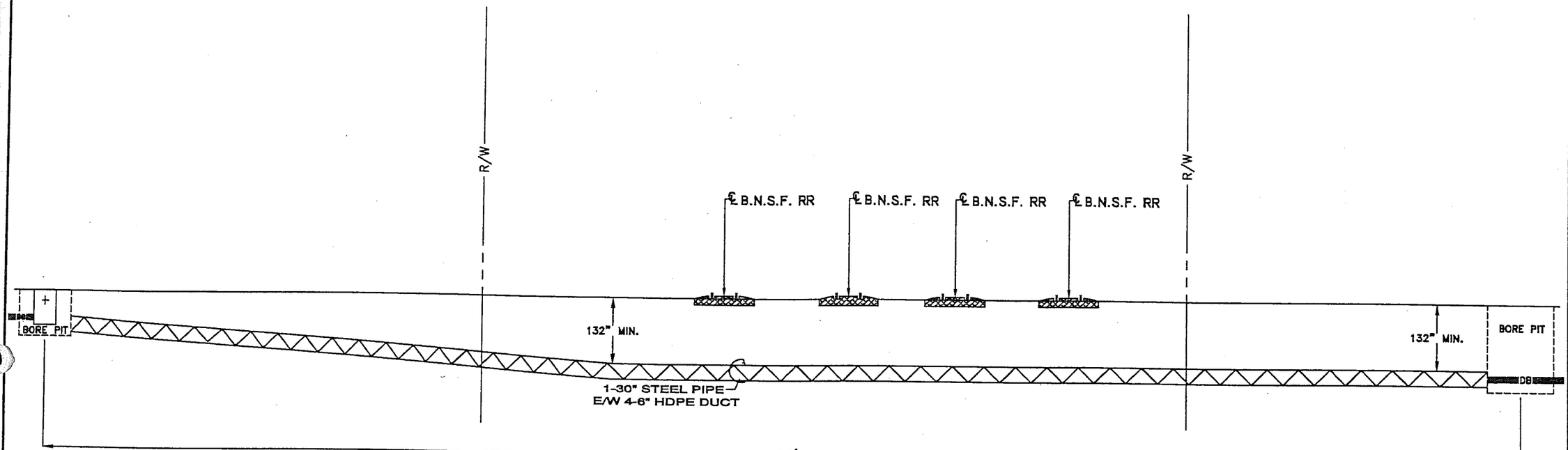
SCALE: 1"=20'

CAUTION!
ELECTRIC LINES IN AREA
CAUTION!
STORM SEWER IN AREA

CROSSING B.N.S.F. R.R. AT 6TH AVE & I-25

PROFILE VIEW LOOKING NORTH

NOTE:
ALL UTILITIES IN AREA MUST BE POT HOLED TO VERIFY DEPTH. BORE MUST MAINTAIN 3' CLEARANCE ON ALL UTILITIES EXCLUDING GAS, WHICH MUST MAINTAIN 5' CLEARANCE.



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ORIGN. BY:	LLI
DATE OF ORIGIN:	6/22/00
DRAWN BY:	AMH
DATE DRAWN:	6/22/00
APPVD BY:	SE
DATE APPVD:	6-22
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CAD FILENAME: DAHLI158A
SHEET: 158A OF: 182
SCALE: NTS

40+360 MANHOLE - 40+996 MANHOLE ~ 636'

DENVER COUNTY
SEC 4
T4S - R68W

40+592 POWER POLE

DIRECTIONAL BORE
4-6" HDPE DUCT
40+360 - 40+996

40+453 CONC SUPPORT

N

DIRECTION OF ENGINEERING

R/W

R/W

TELEPHONE PED

MATCH LINE SEE DRAWING NO. 160

MATCH LINE SEE DRAWING NO. 158

25'

25'

DB

DB

5'

ENTRANCE RAMP
TO I-25 NORTHBOUND
(OVERHEAD)

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BACKBONE 2
SECTION 2

CLARIFICATION NO.	QUANTITY

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DATE	BY	DESCRIPTION
8/22	LLI	UPDATES

ORIGIN. BY:
DATE OF ORIGIN:
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DATE DRAWN: 02-02-00
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DATE APPVD: 6-23
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CAD FILENAME: DAHU160'
SHEET: 159 OF: 182
SCALE: 1"=20'

40+360 MANHOLE - 40+996 MANHOLE - 636'

40+856 POWER POLE

DENVER COUNTY
SEC 4
T4S - R68W

DIRECTIONAL BORE
4-6" HDPE DUCT
40+360 - 40+996

40+714 POWER POLE

N

DIRECTION OF ENGINEERING

R/W

25'

DB

MATCH LINE SEE DRAWING NO. 161

~6' CHAIN LINK FENCE~

TRAILER

ENTRANCE RAMP
TO I-25 NORTHBOUND
(OVERHEAD)

MATCH LINE SEE DRAWING NO. 159

SAFETY FIRST!
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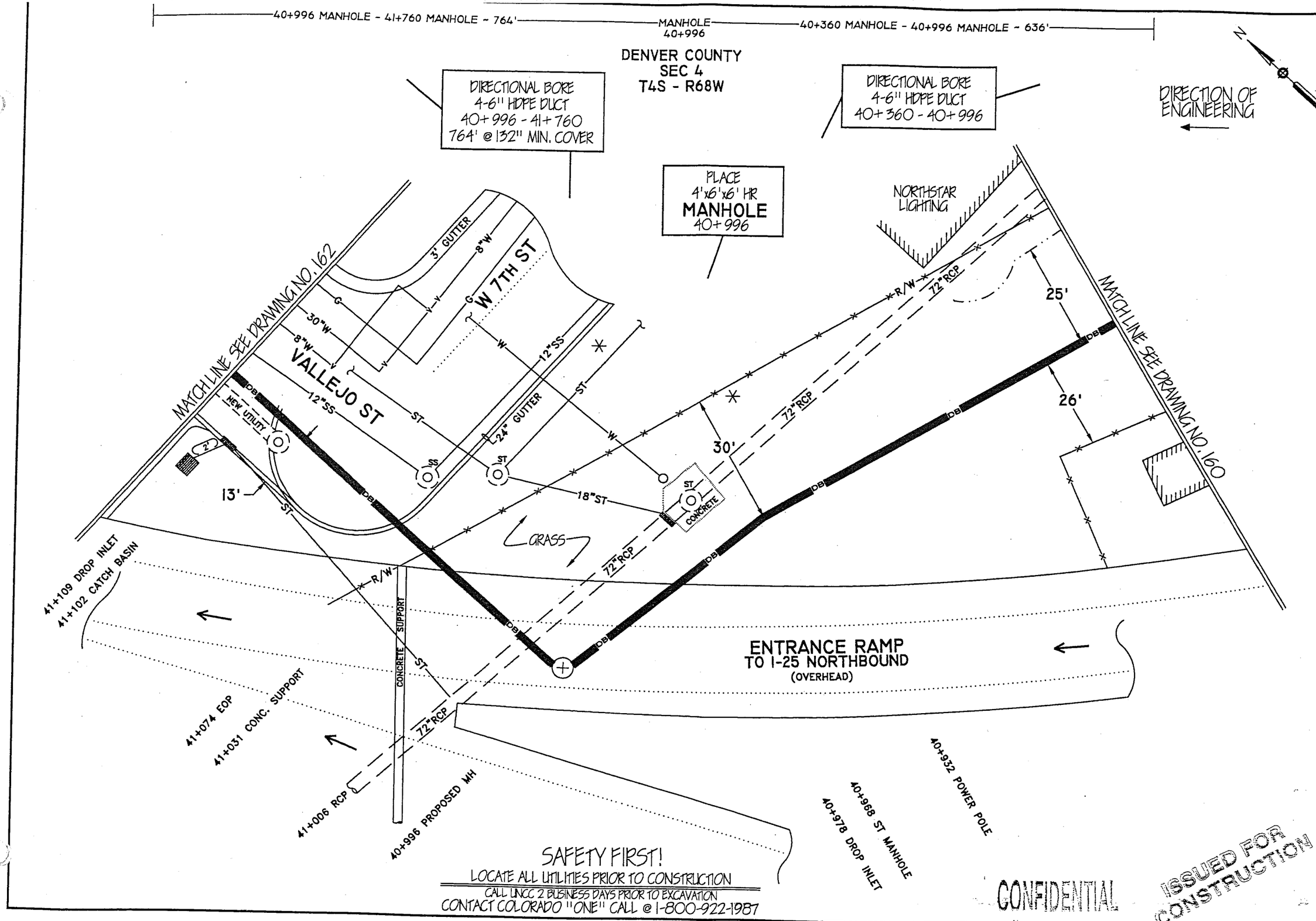
CAD FILENAME: DAHLI161
SHEET: 160 OF: 182
SCALE: 1"=20'



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CAD FILENAME: DAHLI162
SHEET: 161 OF: 182
SCALE: 1"=20'