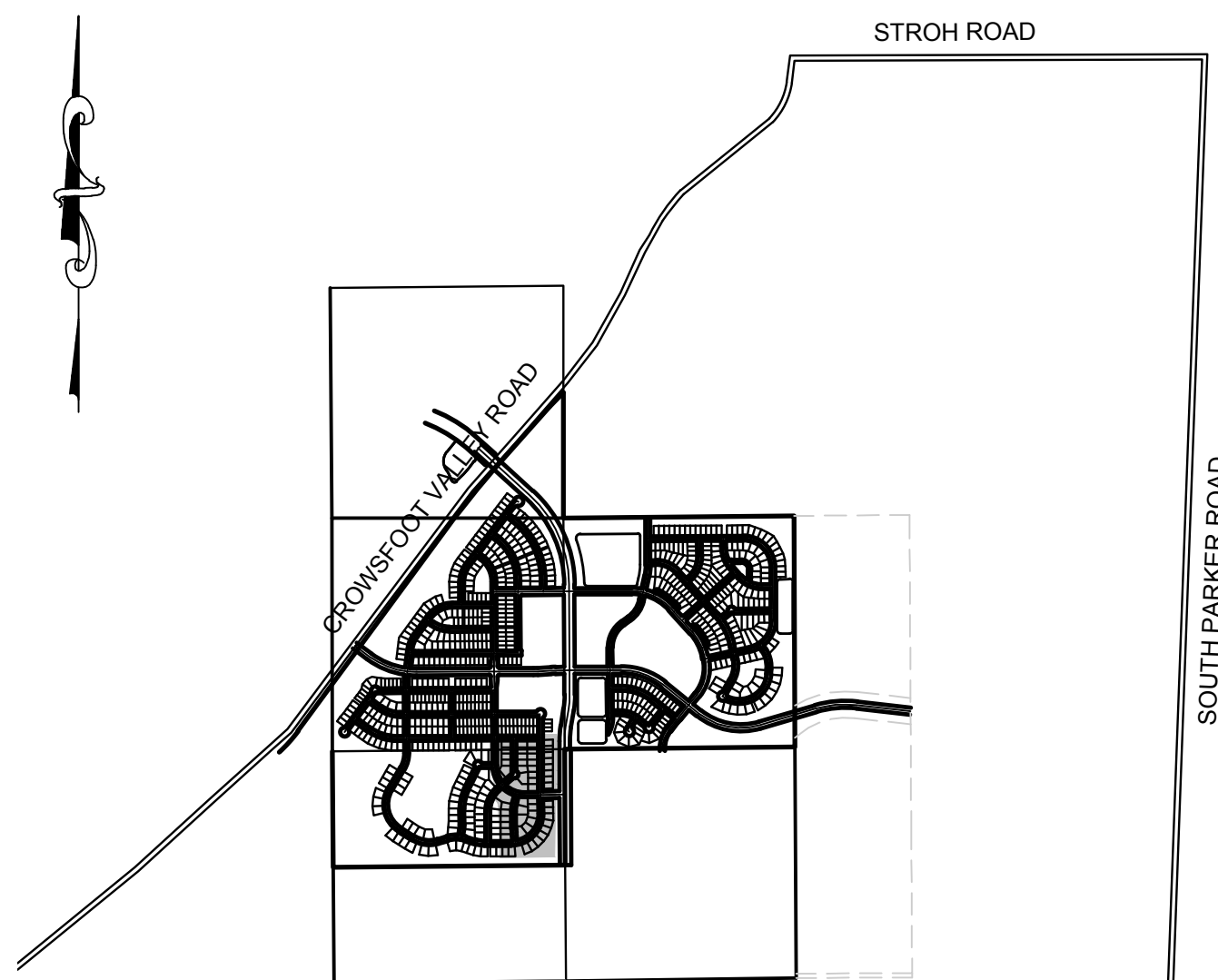


TRAILS AT CROWFOOT

FILING 6 UTILITY CONSTRUCTION PLANS

SECTIONS 4, 8, AND 9 TOWNSHIP 7 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN COUNTY OF DOUGLAS, STATE OF COLORADO

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	PARKER WATER AND SANITATION NOTES
3	AREA UTILITY PLAN
4	SANITARY P&P HOP CLOVER TRAIL
5	SANITARY P&P HOP CLOVER STREET
6	SANITARY P&P SHASTA DAISY LANE
7	WATER P&P HOP CLOVER TRAIL
8	WATER P&P HOP CLOVER STREET
9	WATER P&P SHASTA DAISY LANE
10	SANITARY SEWER DETAILS
11	SANITARY SEWER DETAILS
12	SANITARY SEWER DETAILS
13	WATER DETAILS
14	WATER DETAILS
15	WATER DETAILS
16	WATER DETAILS
17	WATER DETAILS
18	WATER DETAILS



VICINITY MAP
SCALE: 1" = 2000'

MATERIALS LIST		
DESCRIPTION	QUANTITY	UNIT
8" WATERPIPE (C900)	1,527	L.F.
8" BEND	3	EA.
WATER SERVICE LATERAL W/ WATER METER AND PIT	51	EA.
8" SEWER (SDR-35 PVC)	1,367	L.F.
4' DIA. MANHOLE	6	EA.
SEWER SERVICE LATERAL W/ WYE TAP	51	EA.

FIRE DEPARTMENT APPROVAL

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO WATER UTILITY STANDARDS. THE NUMBER AND LOCATIONS OF THE FIRE HYDRANTS AS SHOWN ON THE OVERALL UTILITY PLAN ARE CORRECT AS SPECIFIED BY THE TOWN OF PARKER, COMMUNITY DEVELOPMENT DEPARTMENT.

(FIRE CODE OFFICIAL OR DESIGNATED REPRESENTATIVE) _____ DATE _____

(NOTE- UNDERGROUND FIRE LINE (UFL) SUBMITTAL DOCUMENTS MUST MEET THE REQUIREMENTS OF NFPA24 WHEN SUBMITTING FOR REVIEW.)

THE DISTRICT INSPECTOR MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION. CALL PARKER WATER AND SANITATION DISTRICT AT 303-841-4627. THE DISTRICT WILL PROVIDE PERIODIC INSPECTIONS OF THE WORK. 24 HOUR NOTICE TO THE INSPECTOR IS REQUIRED FOR SCHEDULE INSPECTIONS. ANY WORK ACCOMPLISHED WITHOUT THE APPROVAL OF THE INSPECTOR WILL BE SUBJECT TO REJECTION.

REVIEWED FOR CONFORMANCE TO PARKER WATER AND SANITATION DISTRICT STANDARDS.

BY: _____
(DISTRICT REPRESENTATIVE)

DATE SIGNED: _____

APPROVED FOR CONSTRUCTION:
PARKER WATER AND SANITATION DISTRICT

BY: _____
(DISTRICT ENGINEER)

DATE SIGNED: _____

PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

DEVELOPER

EX5 MANAGEMENT
7353 SOUTH ALTON WAY
CENTENNIAL, CO 80112
TEL: (303) 770-9111
CONTACT: MATT JANKE

PLANNER/ LANDSCAPE DESIGNER:

PCS GROUP, INC.
200 KALAMATH STREET
DENVER, CO 80233
TEL: (303) 531-4905
CONTACT: JOHN PRESTWICH

SURVEYOR/ ENGINEER:

**CVL CONSULTANTS
OF COLORADO, INC.**
10333 E. DRY CREEK RD. STE 240
ENGLEWOOD, CO 80112
TEL: (720) 482-9526
CONTACT: JIM JANNICKE

UTILITY DISTRICT

**PARKER WATER AND
SANITATION DISTRICT**
18100 E. WOODMAN DRIVE
PARKER, CO 80134
TEL: (303) 841-4627

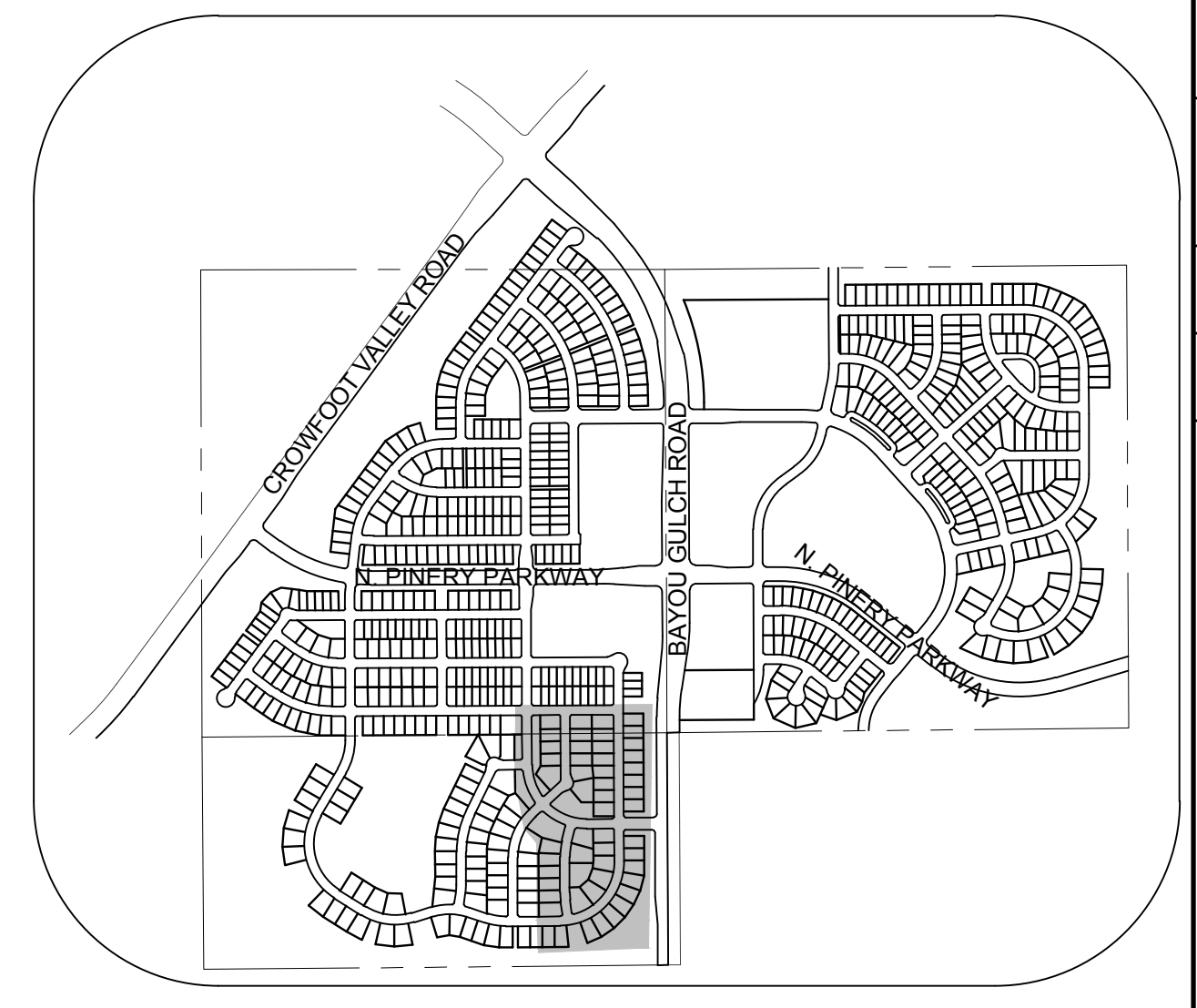
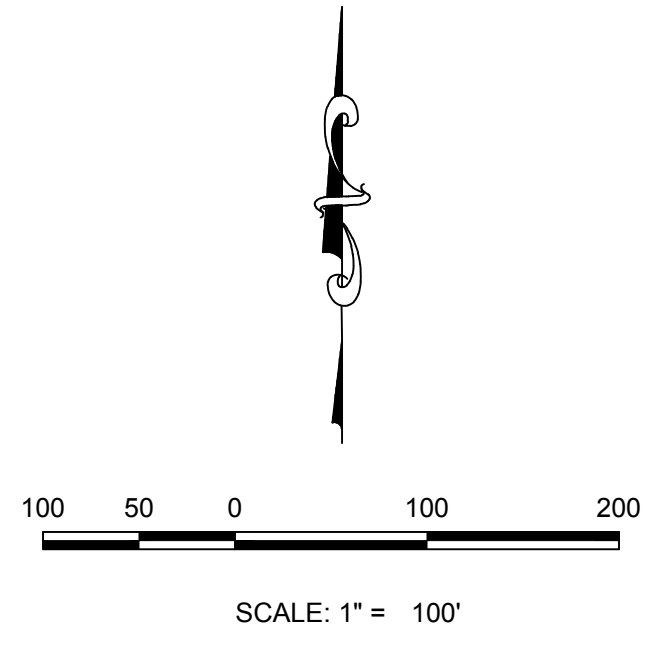
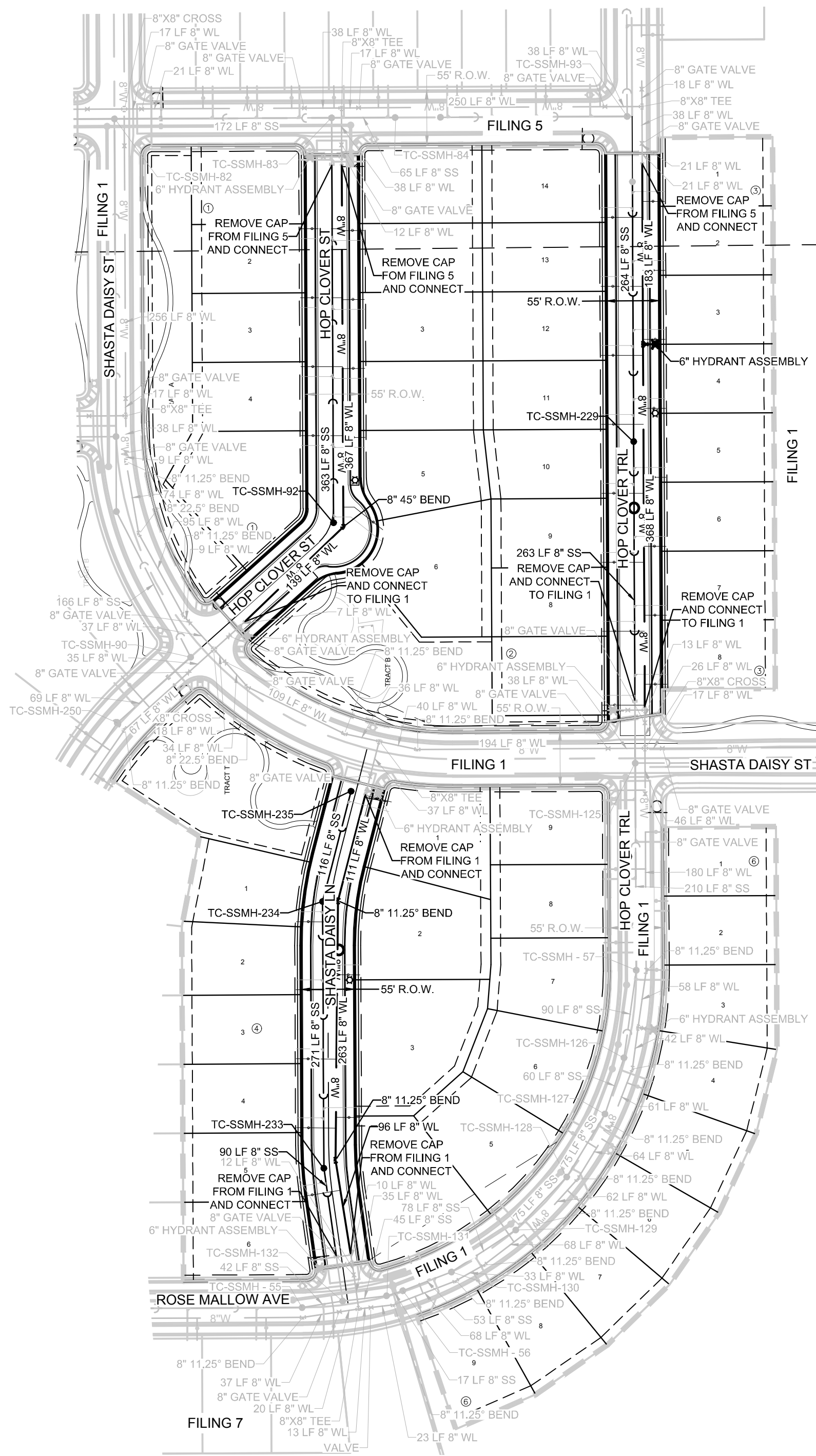
BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
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1	DRAWN BY: KJD	CHECKED BY: JU	DATE: AUGUST 2017	SCALE: AS SHOWN	FILE NO: 8130283701	TRAILS AT CROWFOOT FILING 6 CONSTRUCTION DRAWINGS COVER SHEET	EX5 MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112		10333 E. Dry Creek Rd. Suite 240 Englewood, Colorado 80112 Tel: (720) 482-9526 Fax: (720) 482-9546	Revisions	No.	Date	Appr.	Date

N:\PROJECTS\BENCH\ENGINEERING\BENCH\SET\DCS\FIP\PARKER WATER AND SANITATION\F6 COVER.DWG, CDD\A, 08/12/2017 4:18 PM

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
UNCC 1-800-922-1987
UTILITY NOTIFICATION
CENTER OF COLORADO



KEYMAP N.T.S. LEGEND			
②	BLOCK NUMBER	△	PROPOSED RANGE POINT
Ⓐ	LOT TYPE	- - - - -	CENTERLINE
6	LOT NUMBER	—	RIGHT-OF-WAY
ⓧ	PROPOSED BUTTERFLY VALVE	—	PROPERTY LINE
Ⓜ	PROPOSED CAP WITH END OF LINE BLOWOFF	—	EDGE OF PAVEMENT
Ⓜ	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
Ⓜ	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
Ⓜ	PROPOSED FIRE HYDRANT	5615	EXISTING 5' CONTOUR
Ⓜ	PROPOSED WL FITTING WITH THRUST BLOCK	5616	EXISTING 1' CONTOUR
Ⓜ	PROPOSED FLARED END SECTION	5620	PROPOSED 5' CONTOUR
Ⓜ	PROPOSED LOW POINT BLOW-OFF	5607	PROPOSED 1' CONTOUR
Ⓜ	PROPOSED AIR VALVE	—	PROPOSED STORM DRAIN
Ⓜ	EXISTING BLOW OFF VALVE	—	PROPOSED SEWER LINE WITH MANHOLE
Ⓜ	EXISTING VALVE	—	PROPOSED WATER LINE WITH MANHOLE
Ⓜ	EXISTING FIRE HYDRANT	—	PROPOSED WATER LATERAL W/ METER
Ⓜ	PROPOSED LIGHT POLE	—	PROPOSED LATERAL W/ METER
Ⓜ	PROPOSED SIDEWALK	—	EXISTING 60" RAW WATER LINE
Ⓜ	PROPOSED SIDEWALK RAMP	—	SECTION LINE
10.00	EXISTING ELEVATION	—	FILING BOUNDARY
10.00	ELEVATION	—	EXISTING FIBER OPTIC LINE
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PREPARED UNDER THE SUPERVISION OF

 BRIAN P. WILSON
 COLORADO P.E. 0050067

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REVIEWED FOR CONFORMANCE TO PARKER WATER AND SANITATION DISTRICT STANDARDS.

BY: _____ DATE _____
 (DISTRICT REPRESENTATIVE)

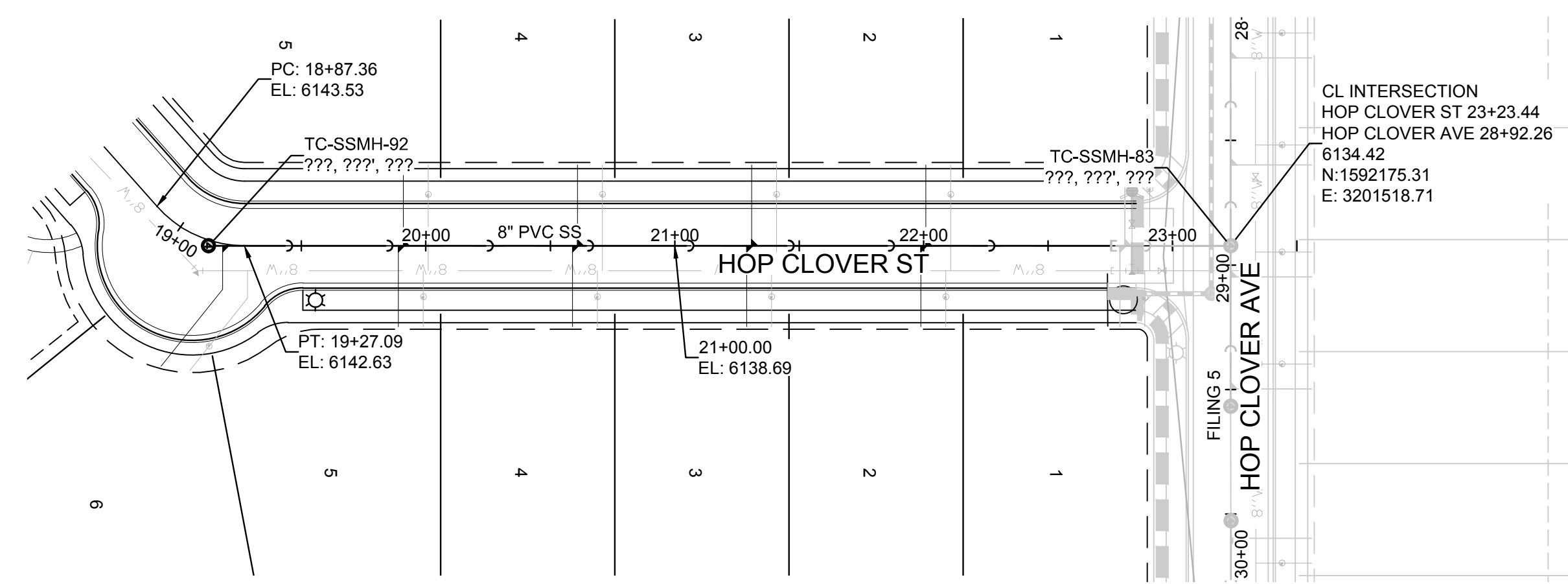
APPROVED FOR CONSTRUCTION:
 PARKER WATER AND SANITATION DISTRICT

BY: _____ DATE _____
 (DISTRICT ENGINEER)

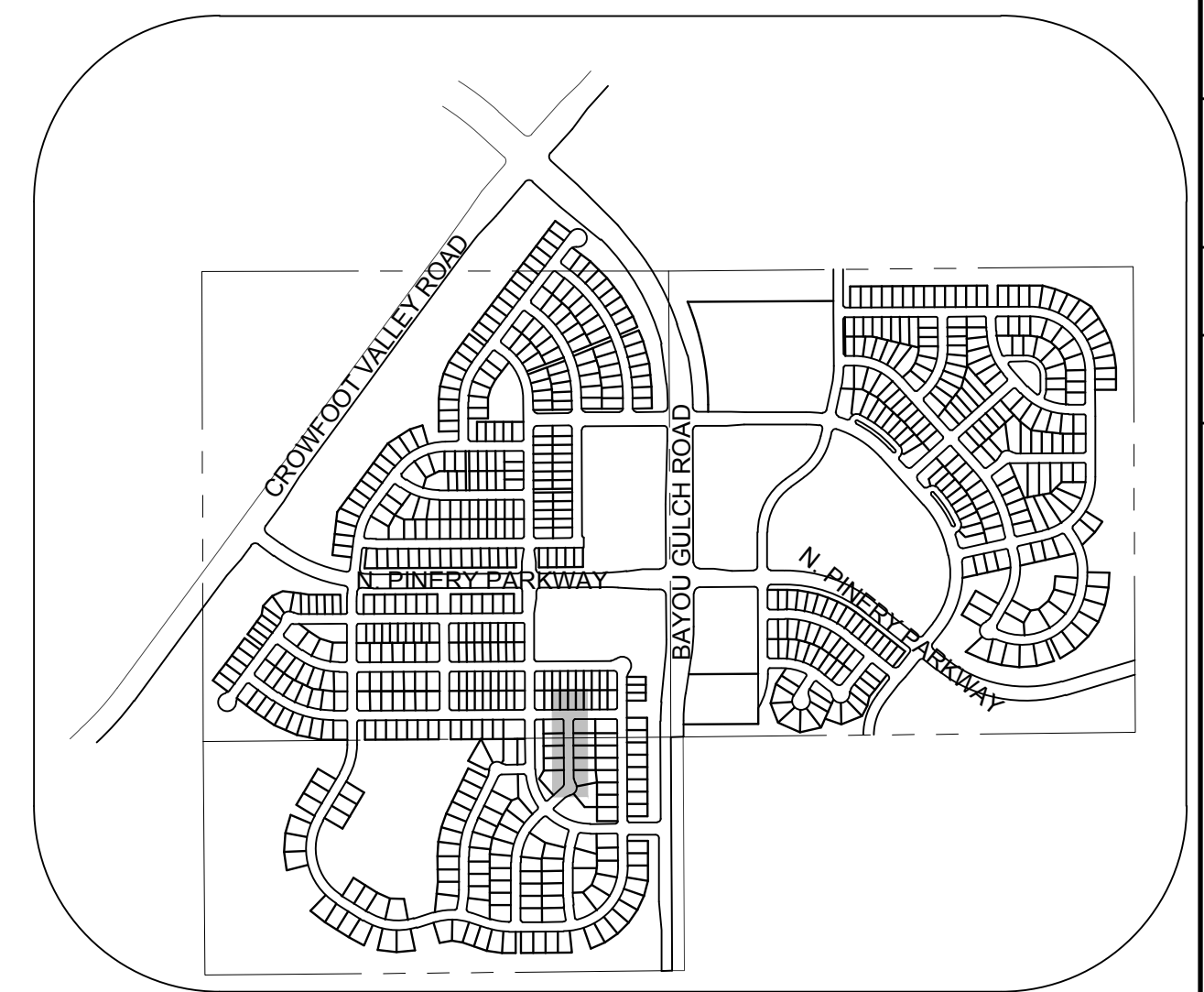
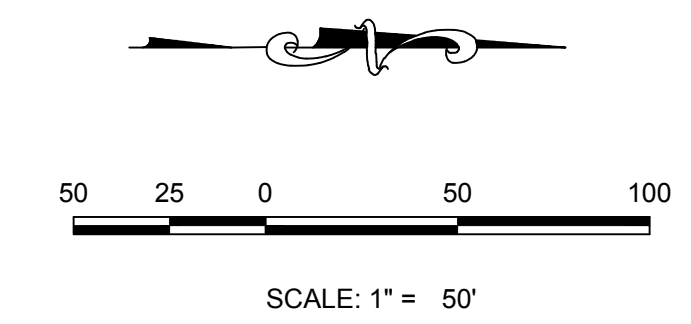
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CALL 811
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 UTILITY NOTIFICATION CENTER OF COLORADO

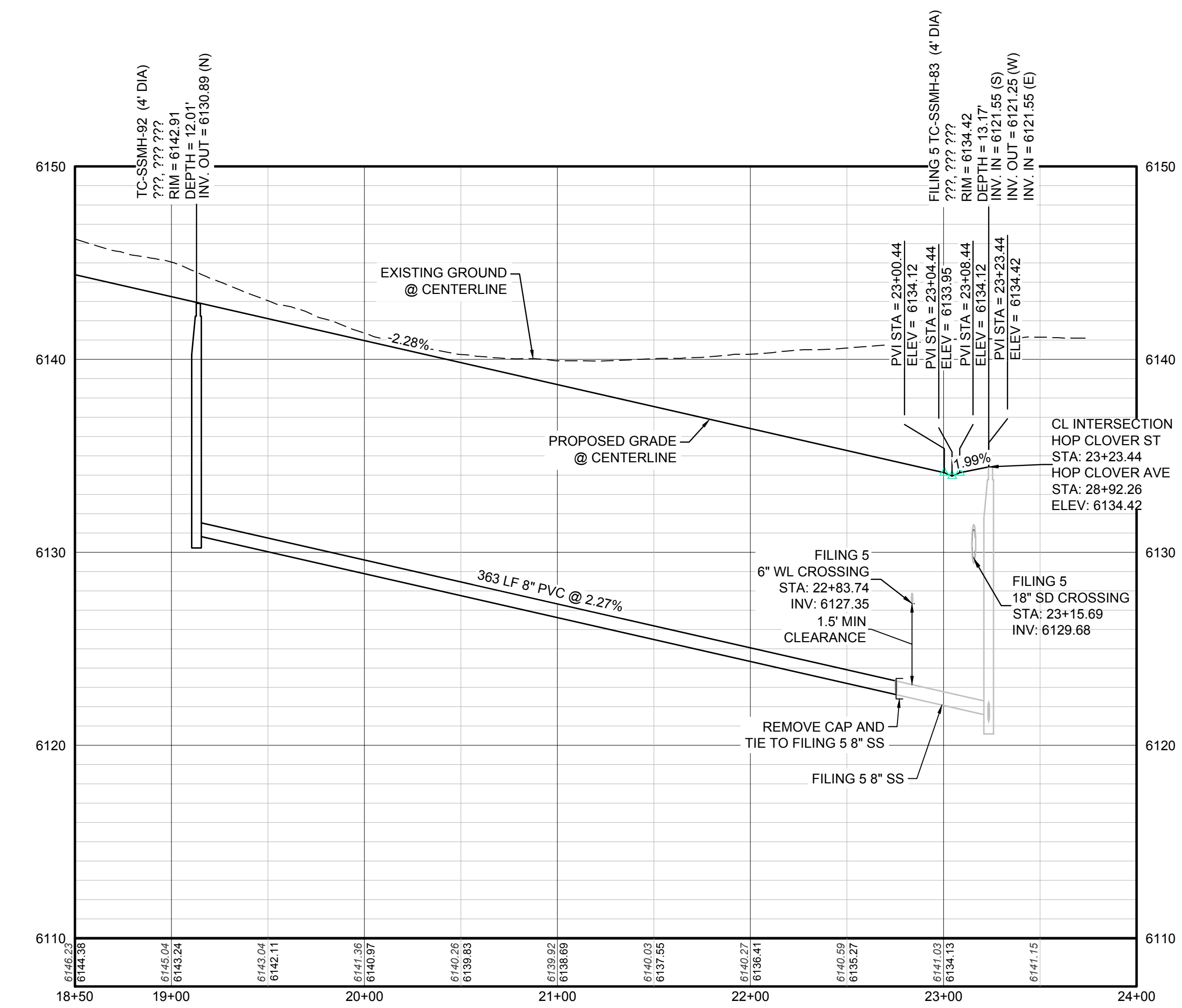
SHEET NUMBER	DRAWN BY: JLR	CHECKED BY: JJJ	DATE: AUGUST 2017	SCALE: AS SHOWN	FILE NO: 8130283701	TRAILS AT CROWFOOT FILING 6 CONSTRUCTION DRAWINGS AREA UTILITY PLAN	ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112		10339 E. Dry Creek Rd. Suite 110 Englewood, CO 80110 Tel: (720) 482-9526 Fax: (720) 482-9546
				NO. _____	REVISIONS _____				



PLAN: HOP CLOVER ST STA: 18+50.00 TO 24+00.00
HORIZONTAL SCALE: 1" = 50'



KEYMAP
N.T.S.



PROFILE: HOP CLOVER ST STA: 18+50.00 TO 24+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

LEGEND

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Ⓡ	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
Ⓢ	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
Ⓣ	PROPOSED FIRE HYDRANT	---	EXISTING 5' CONTOUR
Ⓤ	PROPOSED WL FITTING WITH THRUST BLOCK	---	EXISTING 1' CONTOUR
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ⓘ	PROPOSED AIR VALVE	---	PROPOSED STORM DRAIN
Ⓜ	EXISTING BLOW OFF VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
Ⓝ	EXISTING VALVE	---	PROPOSED SEWER LATERAL
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LF	LINEAR FEET	WSE	WATER SURFACE ELEVATION
MH	MANHOLE		

10339 E. Dry Creek Rd.
Suite 410
Englewood, CO 80150
Tel: (720) 482-9526
Fax: (720) 482-9546



ESX MANAGEMENT
7353 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FILING 6 CONSTRUCTION DRAWINGS
SANITARY SEWER PLAN AND PROFILE
HOP CLOVER STREET

SCALE: AS SHOWN
FILE NO: 8130283701

DRAWN BY: KJD
CHECKED BY: JJ
DATE: AUGUST 2017

SHEET NUMBER **5**

N:\PROJECTS\SSR\BENCHM\ENGINEERING\SSR\BENCHM\SANITARY PLAN AND PROFILE\6 DAMES ROCKET STREET SANITARY.DWG, CDD\VA, 8/21/2017 4:37 PM

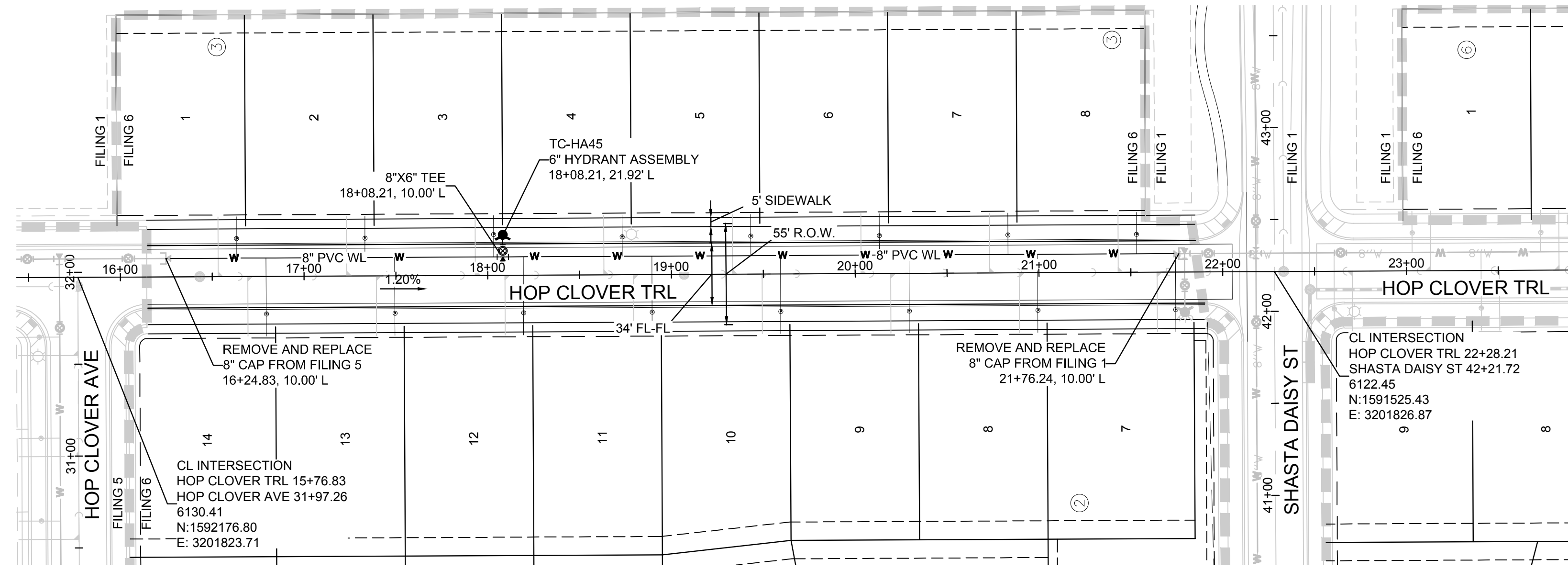
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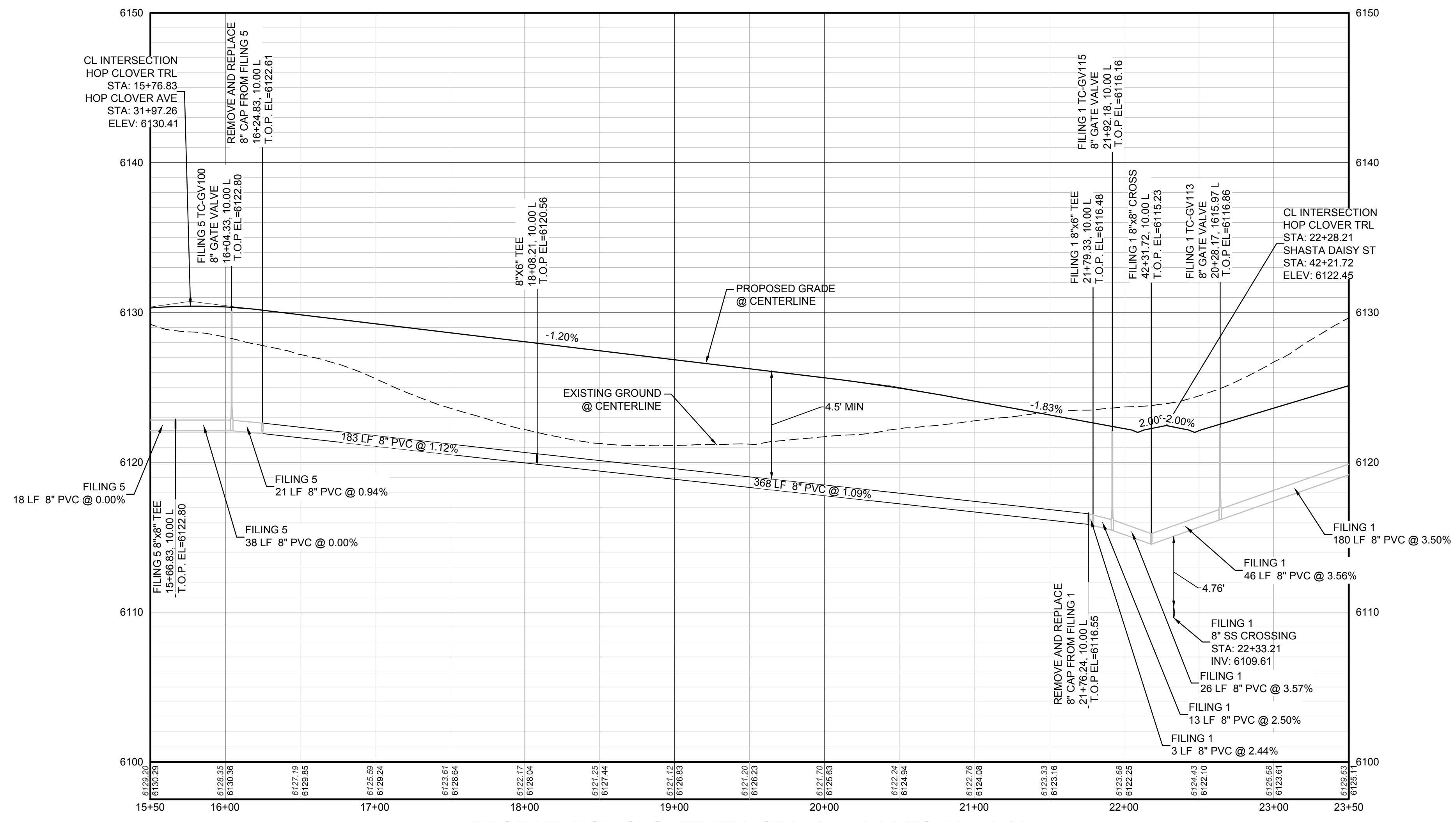
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PREPARED UNDER THE SUPERVISION OF

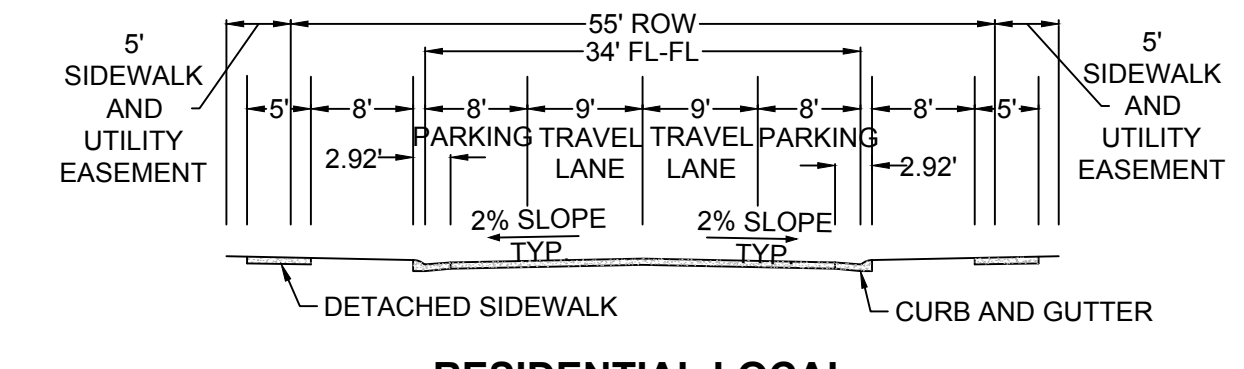
BRIAN P. WILSON
COLORADO P.E. 0050067



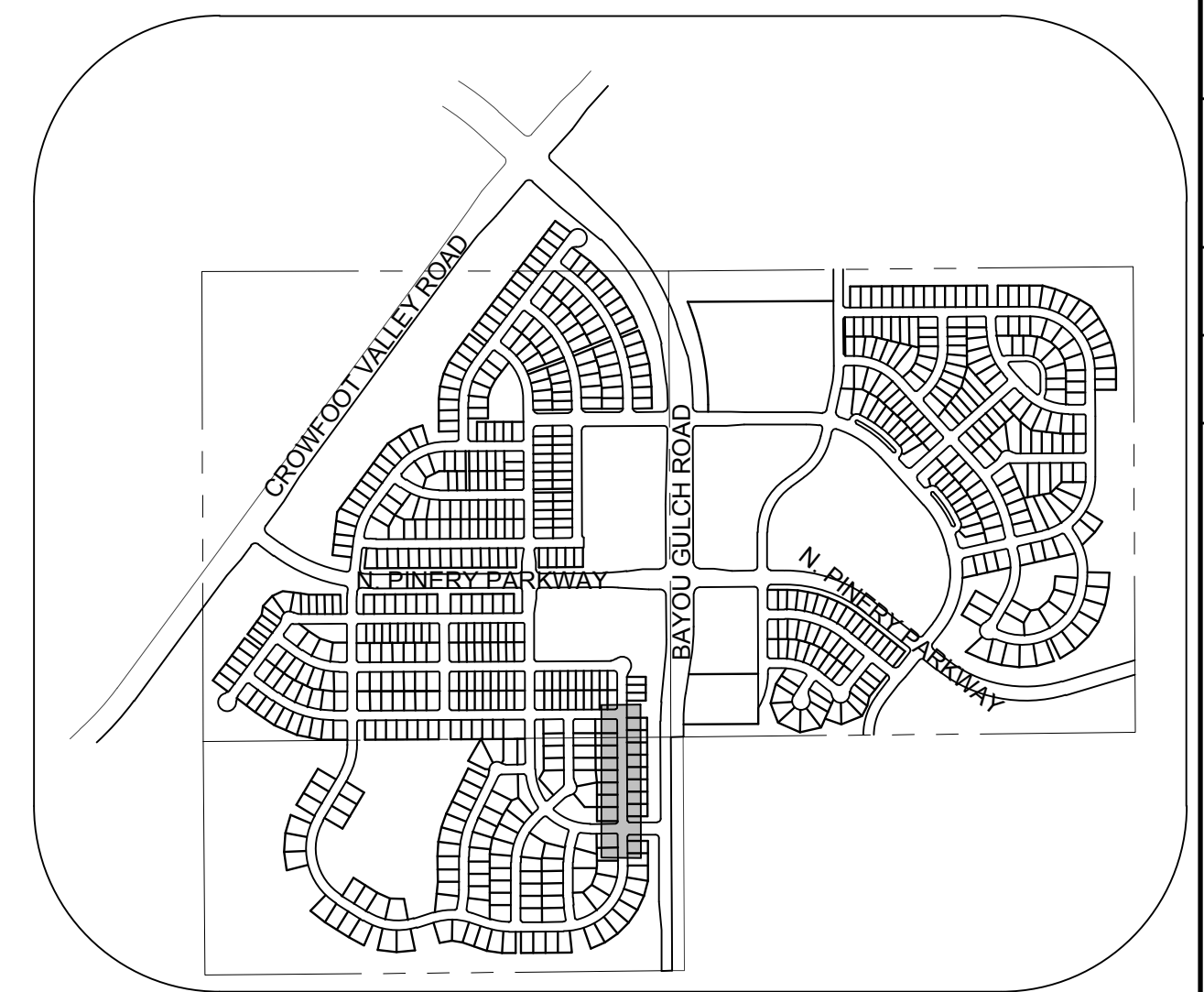
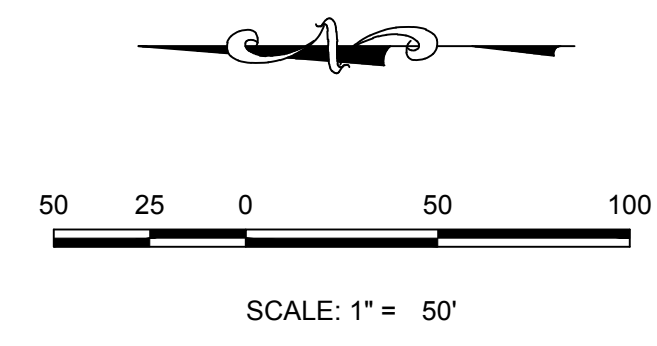
PLAN: HOP CLOVER TRAIL STA: 15+50.00 TO 23+50.00
HORIZONTAL SCALE: 1" = 50'



PROFILE: HOP CLOVER TRAIL STA: 15+50.00 TO 23+50.00
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RESIDENTIAL LOCAL



KEYMAP
N.T.S.

LEGEND

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MH	MANHOLE	WSE	WATER SURFACE ELEVATION

10333 E. Dry Creek Rd.
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Tel: (720) 482-9526
Fax: (720) 482-9546

CVL CONSULTANTS

ESX MANAGEMENT
7353 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FILM 6 CONSTRUCTION DRAWINGS
WATER PLAN & PROFILE
HOP CLOVER TRAIL

SCALE: AS SHOWN
DRAWN BY: RHR
CHECKED BY: JJ
DATE: AUGUST 2017

SHEET NUMBER: 7
FILE NO: 8130283701

CALL 811
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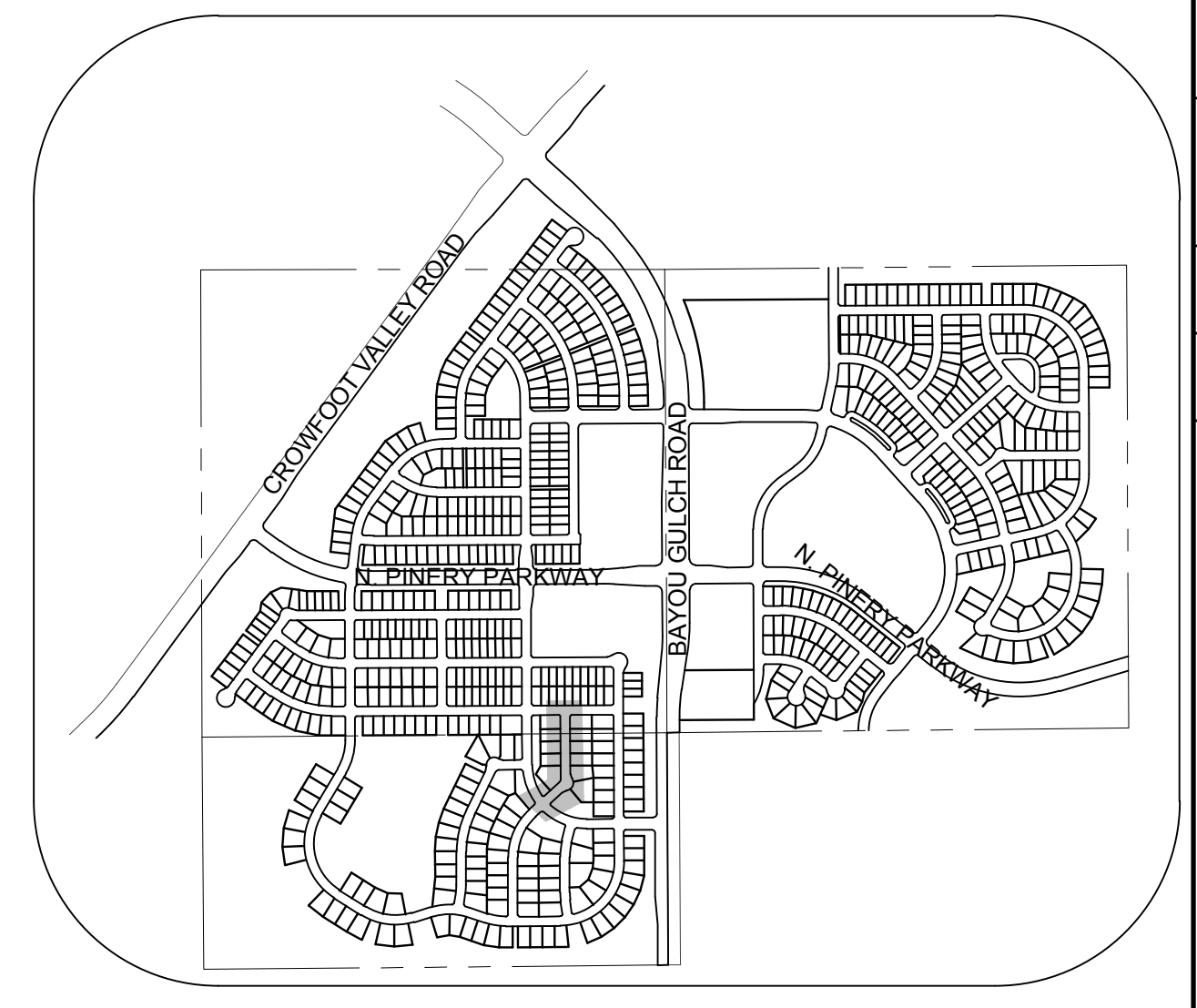
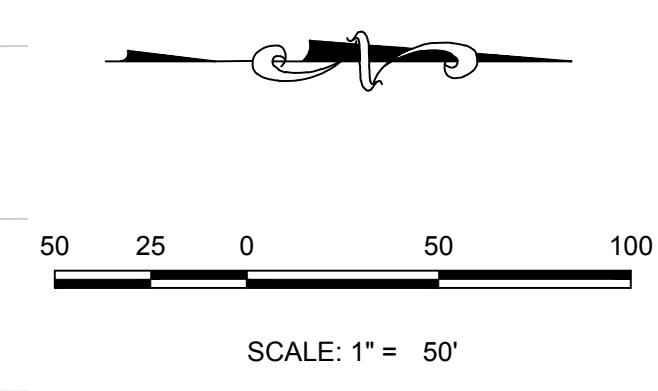
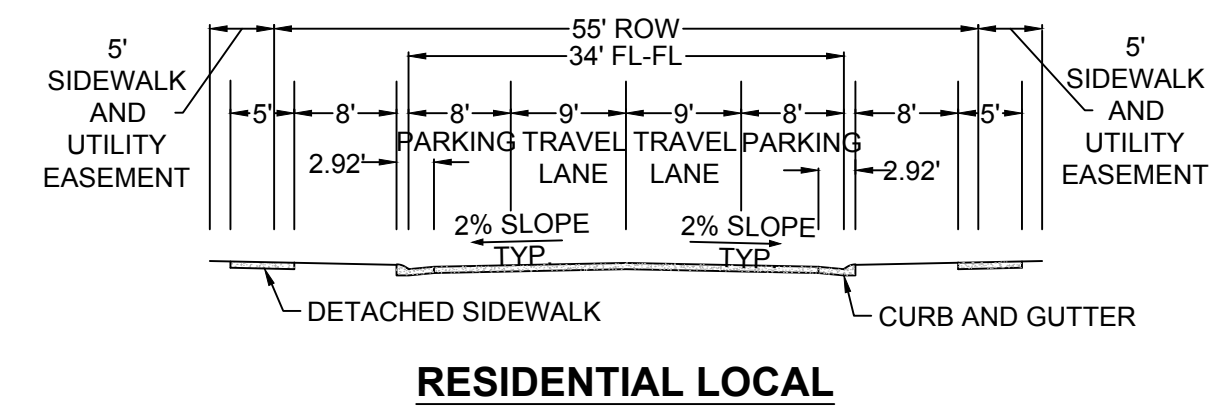
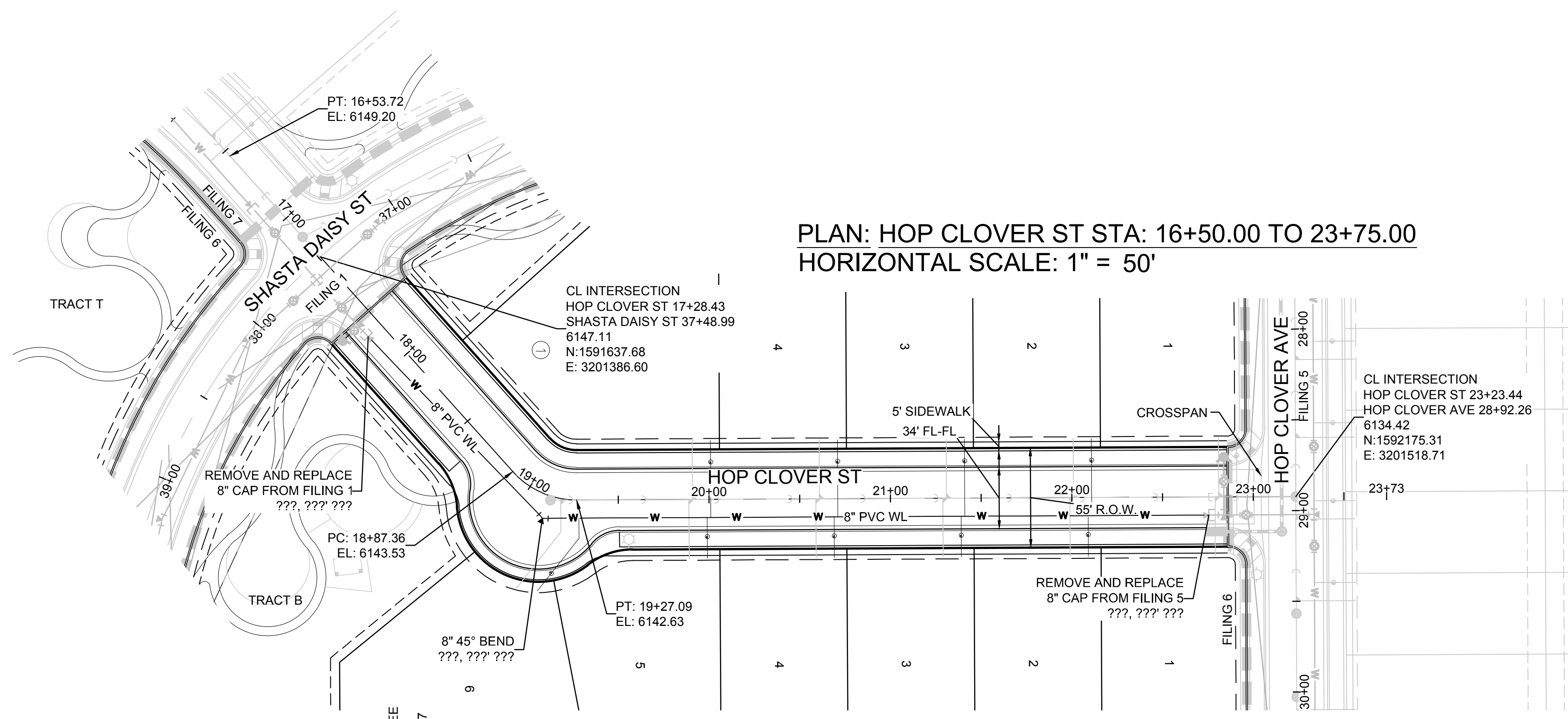
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PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

N:\PROJECTS\BENCHMARC\ENGINEERING\DRAWINGS\WATER AND SANITATION\WATER PLAN AND PROFILE\6 DAMES ROCKET STREET WATER DIVS. CDD\VA_8212017_4.64.PLM

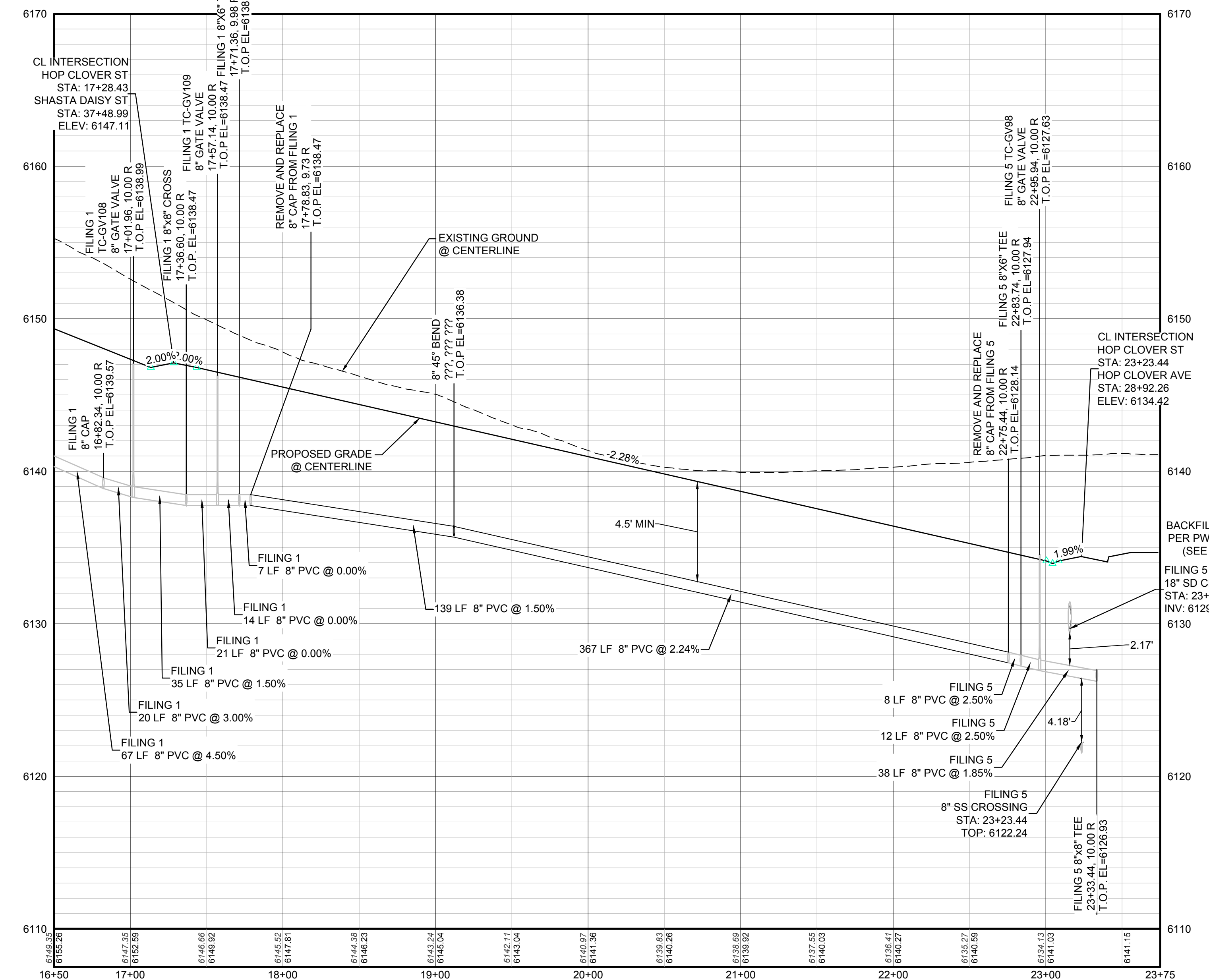


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⊞	PROPOSED CAP WITH END OF LINE BLOWOFF	---	EDGE OF PAVEMENT
⊞	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
⊞	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
⊞	PROPOSED FIRE HYDRANT	---	EXISTING 5' CONTOUR
⊞	PROPOSED WL FITTING WITH THRUST BLOCK	---	EXISTING 1' CONTOUR
⊞	PROPOSED FLARED END SECTION	---	PROPOSED 5' CONTOUR
⊞	PROPOSED LOW POINT BLOW-OFF	---	PROPOSED 1' CONTOUR
⊞	PROPOSED AIR VALVE	---	PROPOSED STORM DRAIN
⊞	EXISTING BLOW OFF VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⊞	EXISTING VALVE	---	PROPOSED SEWER LATERAL
⊞	EXISTING FIRE HYDRANT	---	PROPOSED WATER LINE
⊞	PROPOSED LIGHT POLE	---	PROPOSED WATER LATERAL W/ METER
⊞	PROPOSED SIDEWALK	---	EXISTING 60" RAW WATER LINE
⊞	PROPOSED SIDEWALK RAMP	---	SECTION LINE
10.00	EXISTING ELEVATION	---	FILING BOUNDARY
10.00	PROPOSED DESIGN ELEVATION	---	EXISTING FIBER OPTIC LINE
⊞	PROPOSED STORM DRAIN INLET	---	EXISTING OVERHEAD HIGH VOLTAGE LINE
⊞	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE

ABBREVIATIONS

AD	ANGLE DIFFERENCE	N.T.S.	NOT TO SCALE
BVC	BEGIN VERTICAL CURVE	PL	PROPERTY LINE
BVP	BEGIN VERTICAL PROFILE	PVC	POLYVINYL CHLORIDE
CRR	CURB RETURN RADIUS	PVI	PT. OF VERTICAL INTERSECTION
EL	ELEVATION	PVT	POINT OF VERTICAL TANGENT
EP	EDGE OF PAVEMENT	RCBC	REINFORCED CONCRETE BOX CULVERT
EVC	END VERTICAL CURVE	RCP	REINFORCED CONCRETE PIPE
EVP	END VERTICAL PROFILE	ROW	RIGHT OF WAY
FG	FINISHED GROUND	SD	STORM DRAIN
FL	FLOW LINE	SS	SANITARY SEWER
GV	GATE VALVE	SL	SECTION LINE
HA	HYDRANT ASSEMBLY	SS	SANITARY SEWER
HCR	HANDICAP CURB RAMP	STA	STATION
HP	HIGH POINT	T.O.P.	TOP OF PIPE
INV	INVERT	UE	UTILITY EASEMENT
K	CURVATURE COEFFICIENT	VC	VERTICAL CURVE
LF	LINEAR FEET	WL	WATER LINE
MH	MANHOLE	WSE	WATER SURFACE ELEVATION



PROFILE: HOP CLOVER ST STA: 16+50.00 TO 23+75.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

BENCHMARK
THE DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

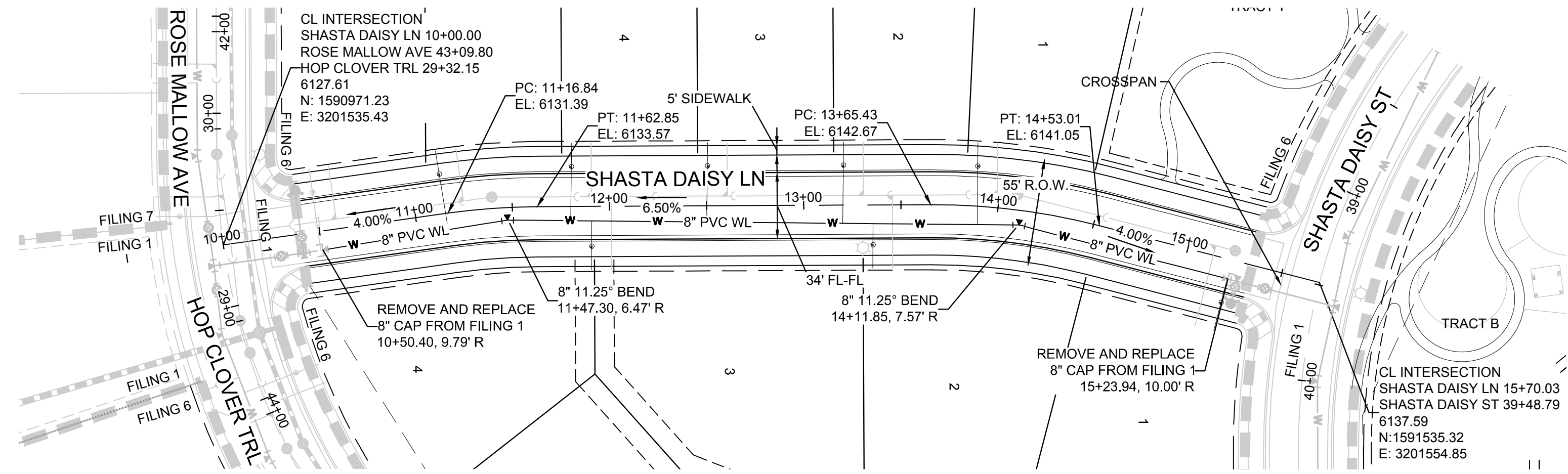
BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.

PREPARED UNDER THE SUPERVISION OF

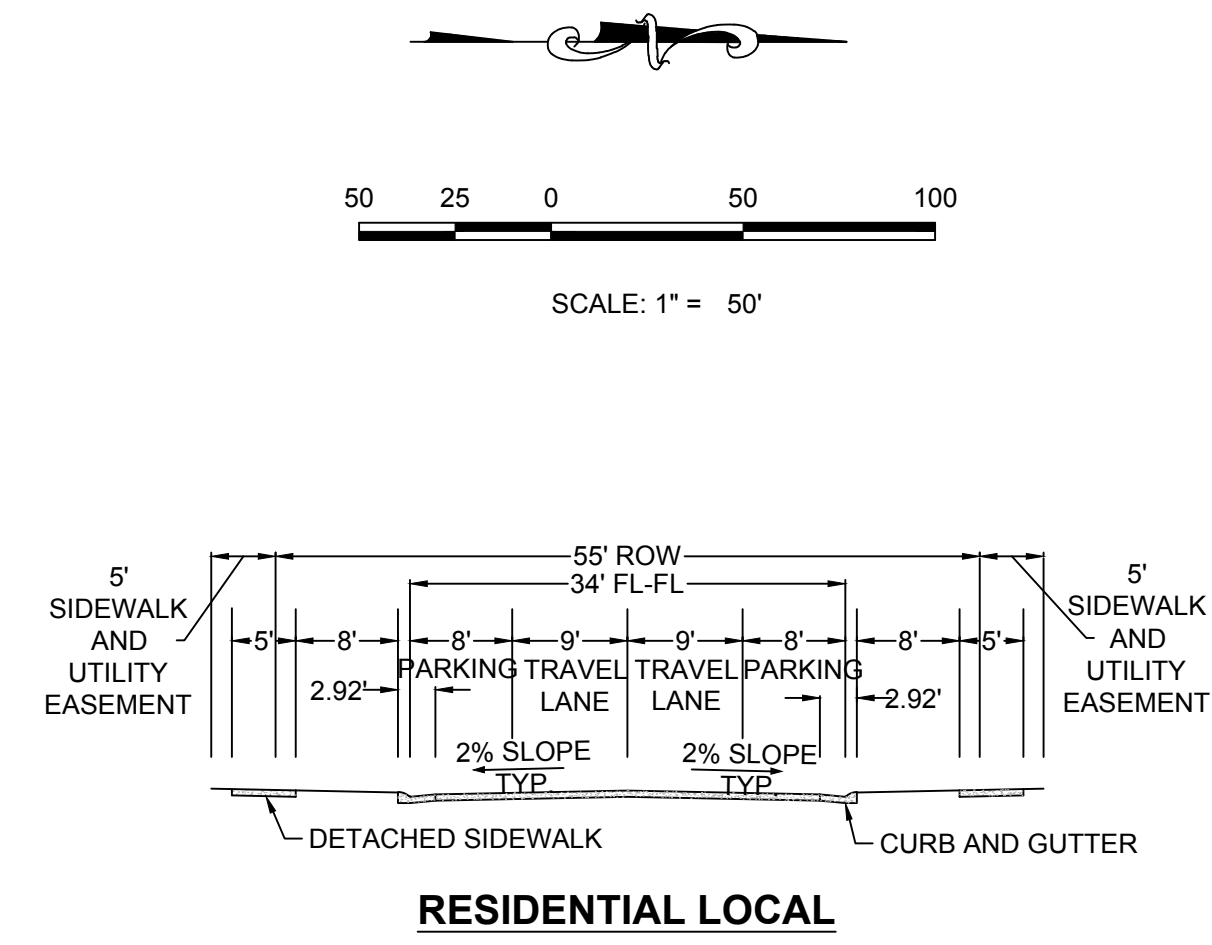
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COLORADO P.E. 0050067

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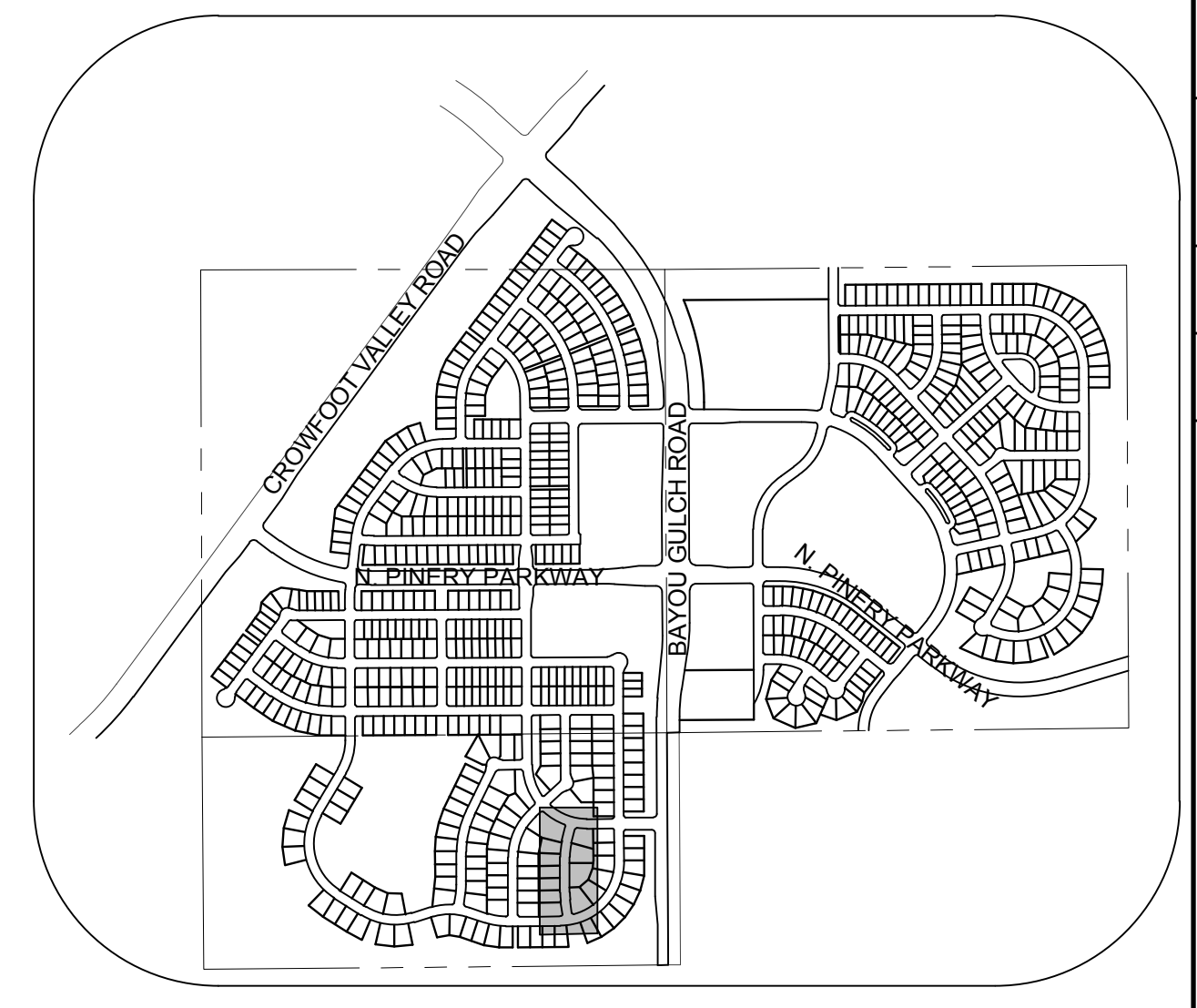
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					No.			
8	TRAILS AT CROWFOOT FILING 6 CONSTRUCTION DRAWINGS WATER PLAN & PROFILE HOP CLOVER STREET				ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112			
	10338 E. Dry Creek Rd. Suite 6410 Englewood, CO 80110 Tel: (720) 482-9526 Fax: (720) 482-9546							



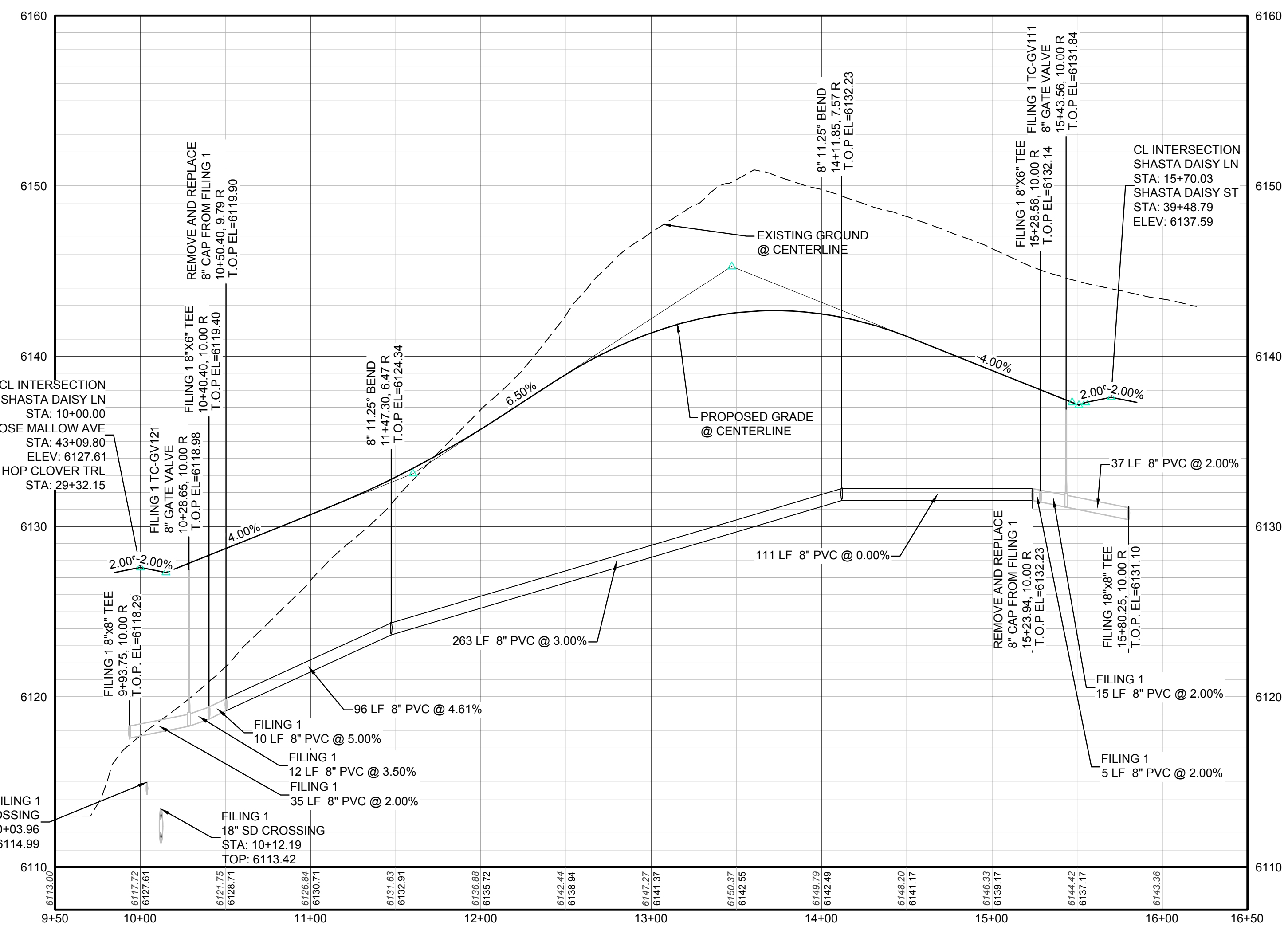
PLAN: SHASTA DAISY LN STA: 10+00.00 TO 16+50.00
HORIZONTAL SCALE: 1" = 50'



RESIDENTIAL LOCAL



KEYMAP
N.T.S.



PROFILE: SHASTA DAISY LN STA: 9+50.00 TO 16+50.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

LEGEND			
②	BLOCK NUMBER	△	PROPOSED RANGE POINT
Ⓐ	LOT TYPE	---	CENTERLINE
6	LOT NUMBER	---	RIGHT-OF-WAY
☒	PROPOSED BUTTERFLY VALVE	---	PROPERTY LINE
Ⓟ	PROPOSED CAP WITH END OF LINE BLOWOFF	---	EDGE OF PAVEMENT
Ⓜ	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
Ⓧ	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
Ⓢ	PROPOSED FIRE HYDRANT	---	EXISTING 5' CONTOUR
Ⓜ	PROPOSED WL FITTING WITH THRUST BLOCK	---	EXISTING 1' CONTOUR
Ⓜ	PROPOSED FLARED END SECTION	---	PROPOSED 5' CONTOUR
Ⓜ	PROPOSED LOW POINT BLOW-OFF	---	PROPOSED 1' CONTOUR
Ⓜ	PROPOSED AIR VALVE	---	PROPOSED STORM DRAIN
Ⓜ	EXISTING BLOW OFF VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
Ⓜ	EXISTING VALVE	---	PROPOSED SEWER LATERAL
Ⓜ	EXISTING FIRE HYDRANT	---	PROPOSED WATER LINE
Ⓜ	PROPOSED LIGHT POLE	---	PROPOSED WATER LATERAL W/ METER
Ⓜ	PROPOSED SIDEWALK	---	EXISTING 60" RAW WATER LINE
Ⓜ	PROPOSED SIDEWALK RAMP	---	SECTION LINE
10.00	EXISTING ELEVATION	---	FILING BOUNDARY
10.00	PROPOSED DESIGN ELEVATION	---	EXISTING FIBER
Ⓜ	PROPOSED STORM DRAIN INLET	---	EXISTING OVERHEAD HIGH VOLTAGE LINE
Ⓜ	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE

ABBREVIATIONS			
AD	ANGLE DIFFERENCE	N.T.S.	NOT TO SCALE
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K	CURVATURE COEFFICIENT	WL	WATER LINE
LF	LINEAR FEET	WSE	WATER SURFACE ELEVATION
MH	MANHOLE		

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Fax: (720) 482-9546

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7353 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FILING 6 CONSTRUCTION DRAWINGS
WATER PLAN & PROFILE
SHASTA DAISY LANE

SCALE: AS SHOWN
DRAWN BY: RHR
CHECKED BY: JU
DATE: AUGUST 2017

SHEET NUMBER: 9
FILE NO: 8130283701

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BENCHMARK
THE DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

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PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

INSPECTION POLICY:

1. ALL SERVICE INSPECTIONS MUST BE SCHEDULED WITH THE DISTRICT OFFICE (303-841-4627) AT LEAST 24 HOURS IN ADVANCE OF THE REQUESTED INSPECTION.
2. SERVICE INSPECTIONS WILL OCCUR BETWEEN 1:00 P.M. AND 4:00 P.M. SPECIFIC INSPECTION TIMES ARE NOT AVAILABLE.
3. IF THE CONTRACTOR IS NOT READY FOR INSPECTION WHEN THE INSPECTOR ARRIVES AT THE SITE, A RE-INSPECTION WILL HAVE TO BE SCHEDULED IN ACCORDANCE WITH NOTES 1 AND 2 ABOVE AND A RE-INSPECTION FEE CHARGED.
4. SHOULD THE SERVICE LINES BE DAMAGED BY LATER CONSTRUCTION, AN INSPECTION OF THE REPAIR WILL BE REQUIRED IN ACCORDANCE WITH NOTES 1 AND 2 ABOVE.
5. THE CONTRACTOR SHALL LEAVE ALL PIPE AND FITTINGS EXPOSED FOR THE INSPECTOR TO OBSERVE. INSPECTORS WILL NOT ENTER ANY EXCAVATIONS TO CHECK MATERIALS. THE TOP LAYER OF BEDDING CAN BE ADDED AFTER THE INSPECTION HAS BEEN COMPLETED.
6. ALL EXCAVATIONS SHALL BE IN ACCORDANCE WITH OSHA STANDARDS.

INSTALLATION NOTES:

SEWER

1. ACCEPTABLE PIPE MATERIALS ARE TO BE SDR 35 PVC PIPE, ABS PIPE AND CAST IRON CLASS 22 SOIL PIPE. APPROVED BEDDING IS TO BE SQUEEGEE.
2. NO-HUB CLAMPS SHALL BE USED TO JOIN 2 MALE PIPE ENDS WITH A MAXIMUM DEFLECTION OF 3".
3. MINIMUM GRADE SHALL BE 2%.
4. INSTALLATION SHALL INCLUDE NO MORE THAN 3 BENDS. 90° BENDS ARE NOT ALLOWED. SOLVENT WELDED PIPE WILL NOT BE ALLOWED.
5. CLEAN-OUTS SHALL BE INSTALLED AT 100' INTERVALS. CLEAN-OUTS ARE NOT REQUIRED FOR SERVICES LESS THAN 100'.
6. STRESSING OF THE PIPE BETWEEN FITTINGS WILL NOT BE ALLOWED.

PARKER WATER & SANITATION DISTRICT	
DISTRICT POLICIES & INSTALLATION NOTES FOR SEWER SERVICES	
SCALE: NONE	DATE: 2/08
APPROVED: JFN	01/02 1/08
DISTRICT ENGINEER	

2008 REVISION

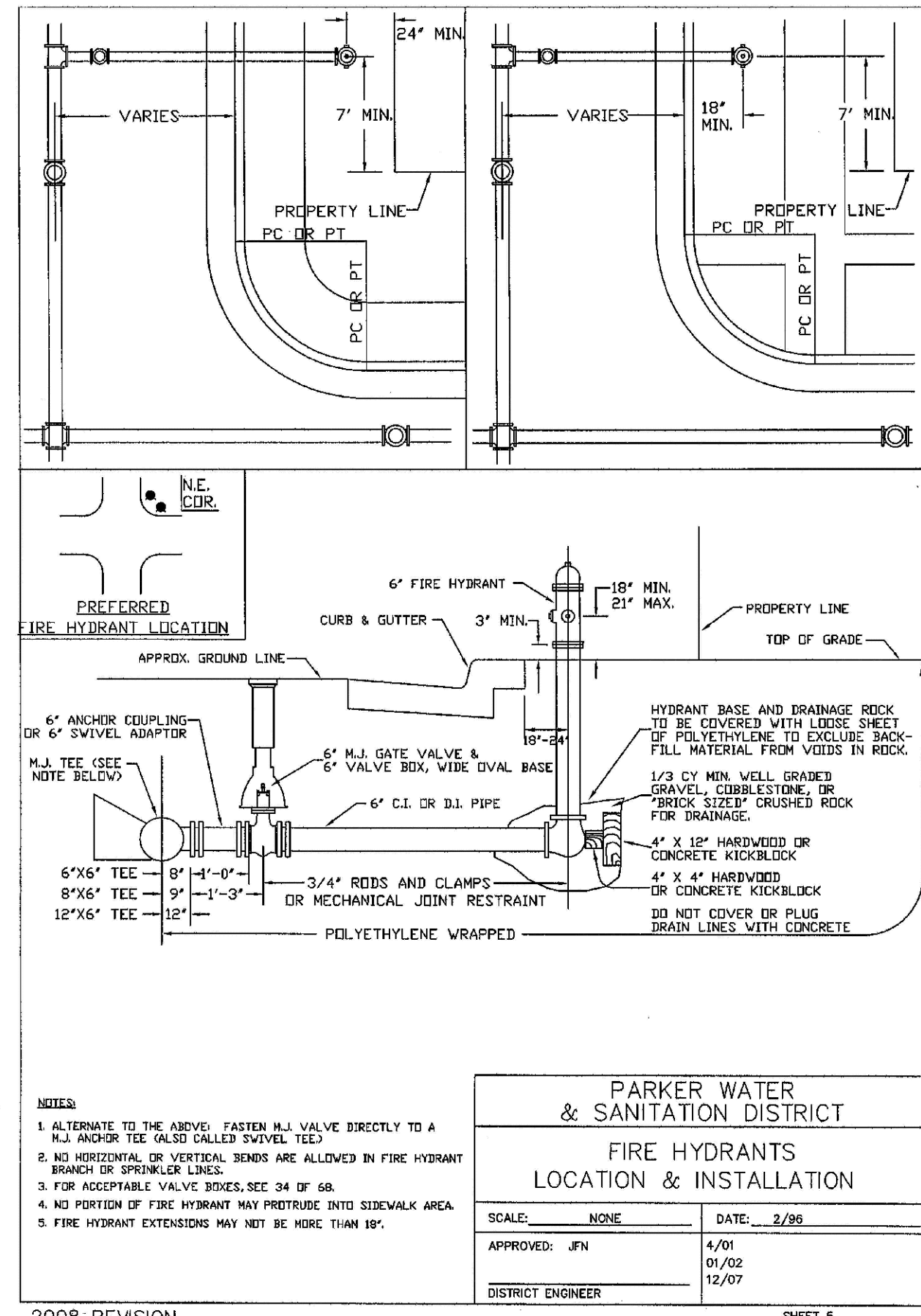
SHEET 28



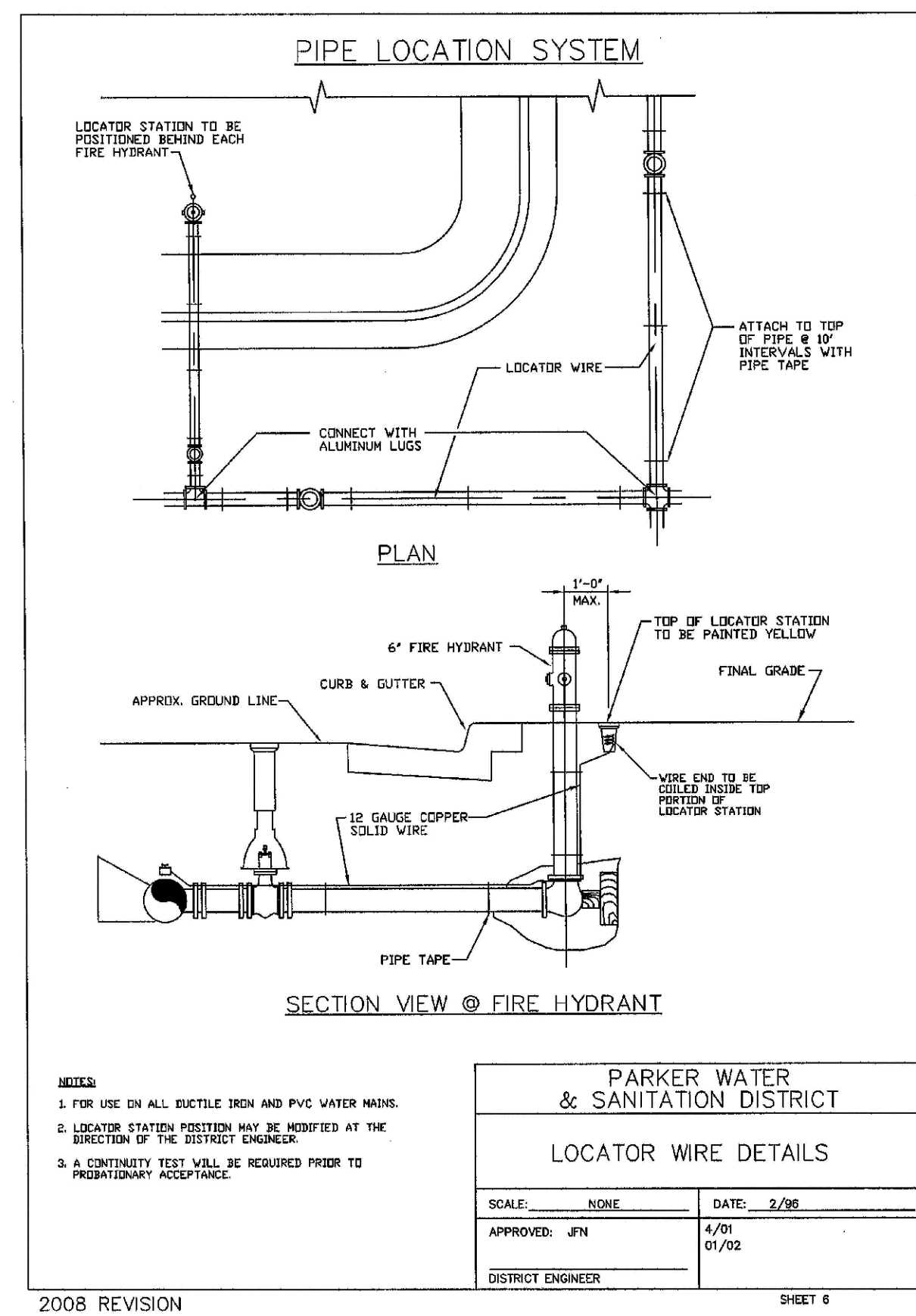
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UTILITY NOTIFICATION
CENTER OF COLORADO

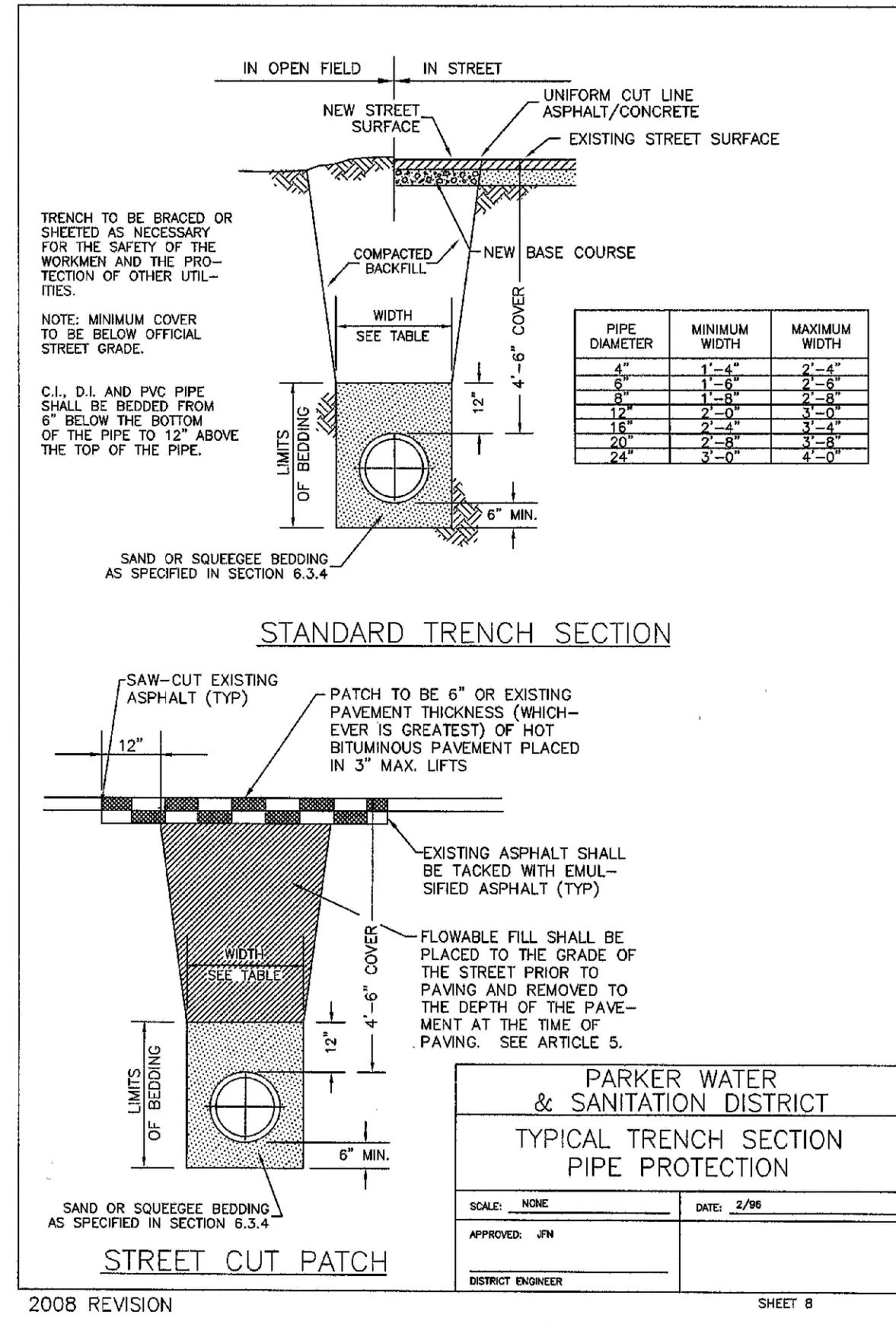
SHEET NUMBER 12	DRAWN BY: JF	SCALE: AS SHOWN	TRAILS AT CROWFOOT FILING 6 CONSTRUCTION DRAWINGS SANITARY SEWER DETAILS	ESX MANAGEMENT 7353 South Allen Way CENTENNIAL, CO 80112	 10333 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546	Revisions	Appr.	Date
	CHECKED BY: JJ	FILE NO: 8130283701				No.	Init.	Date
	DATE: AUGUST 2017							



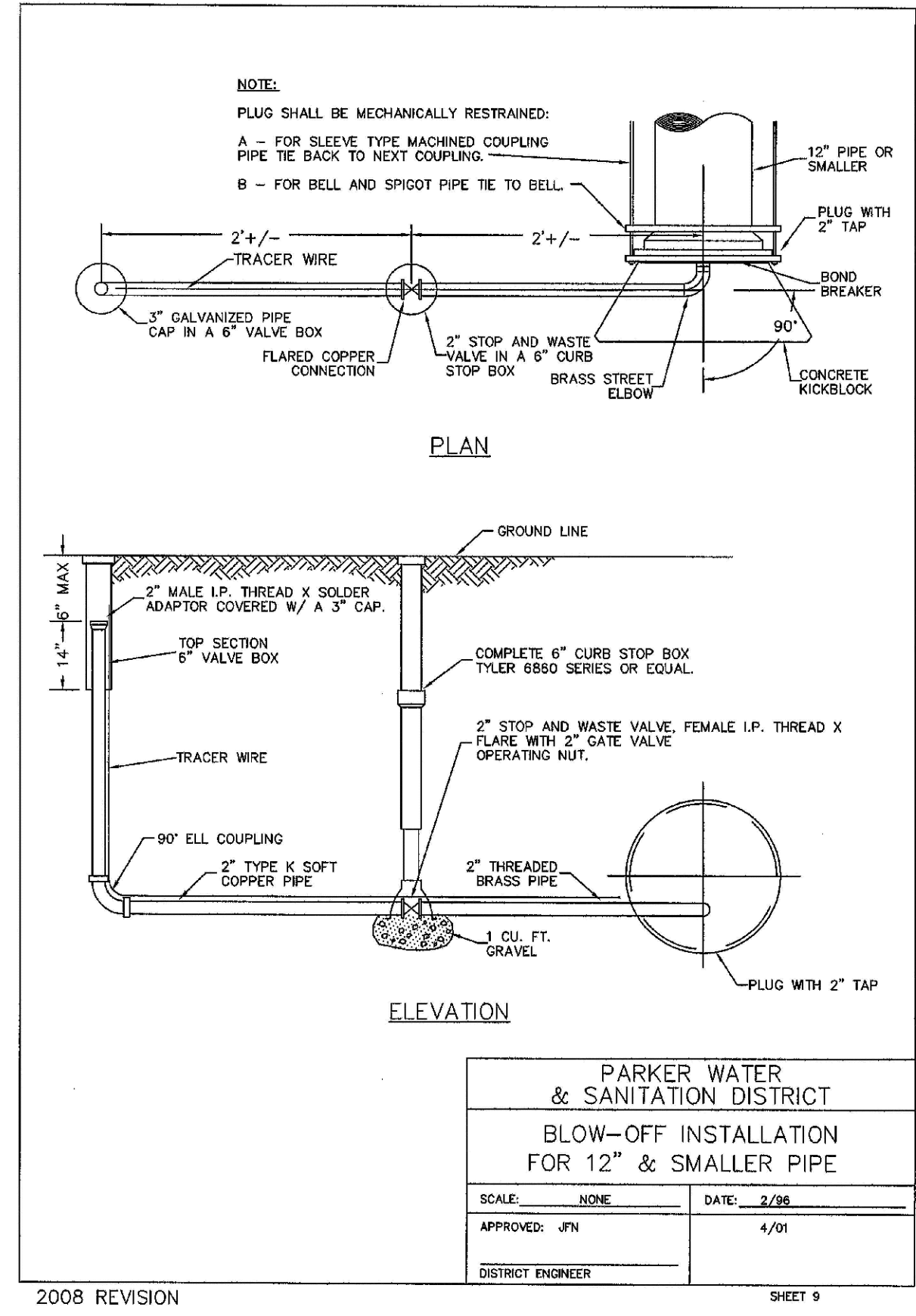
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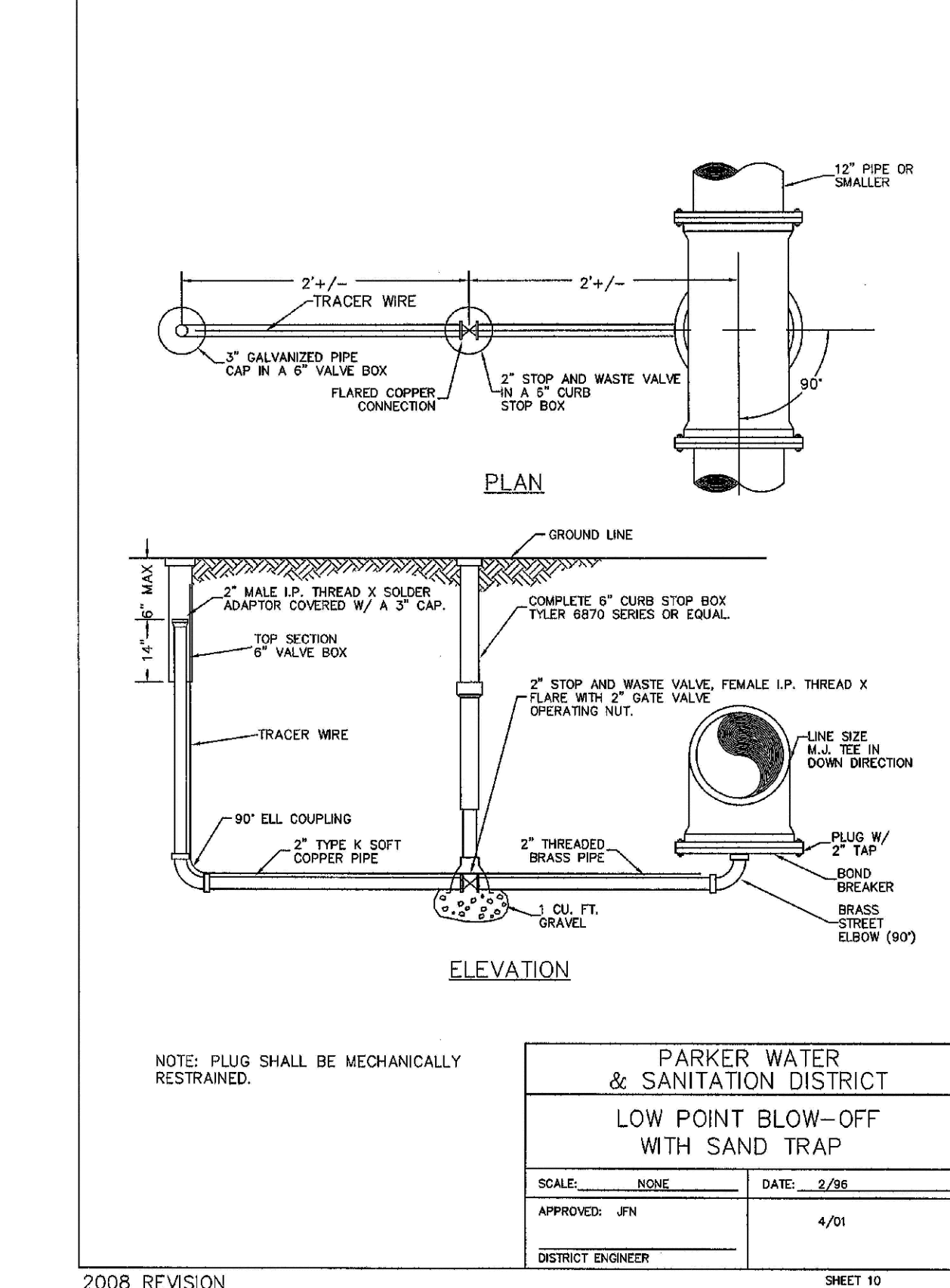
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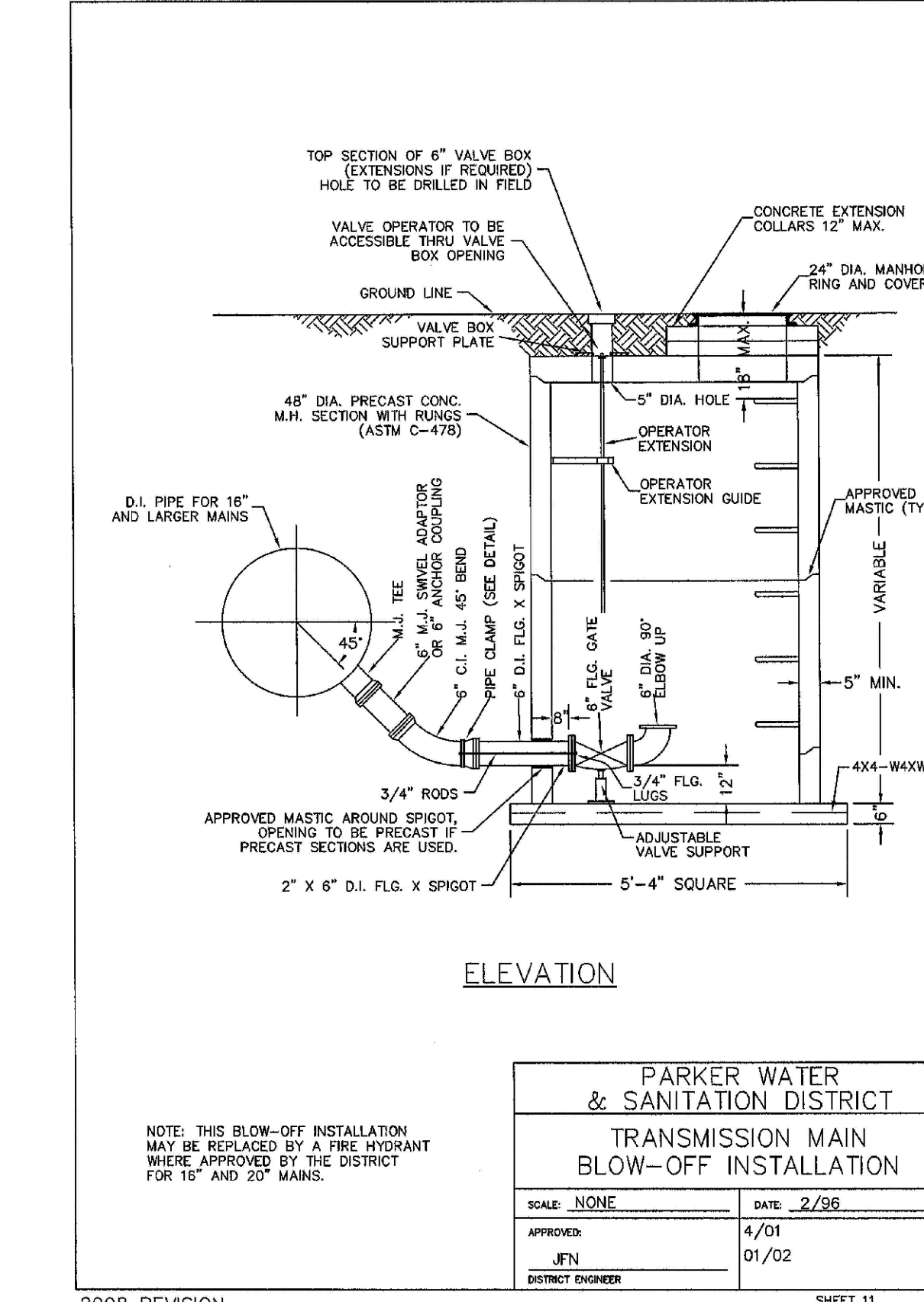
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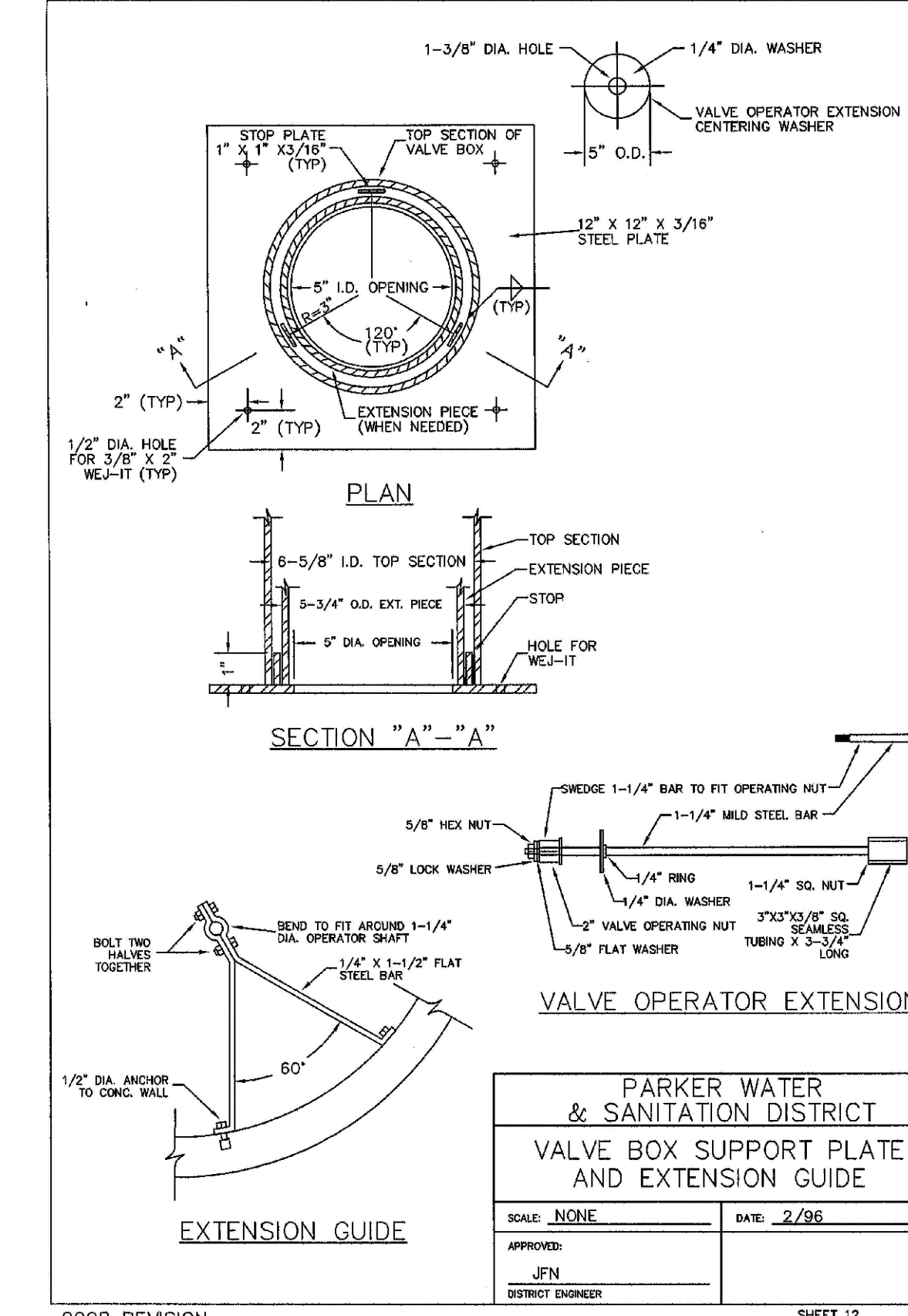
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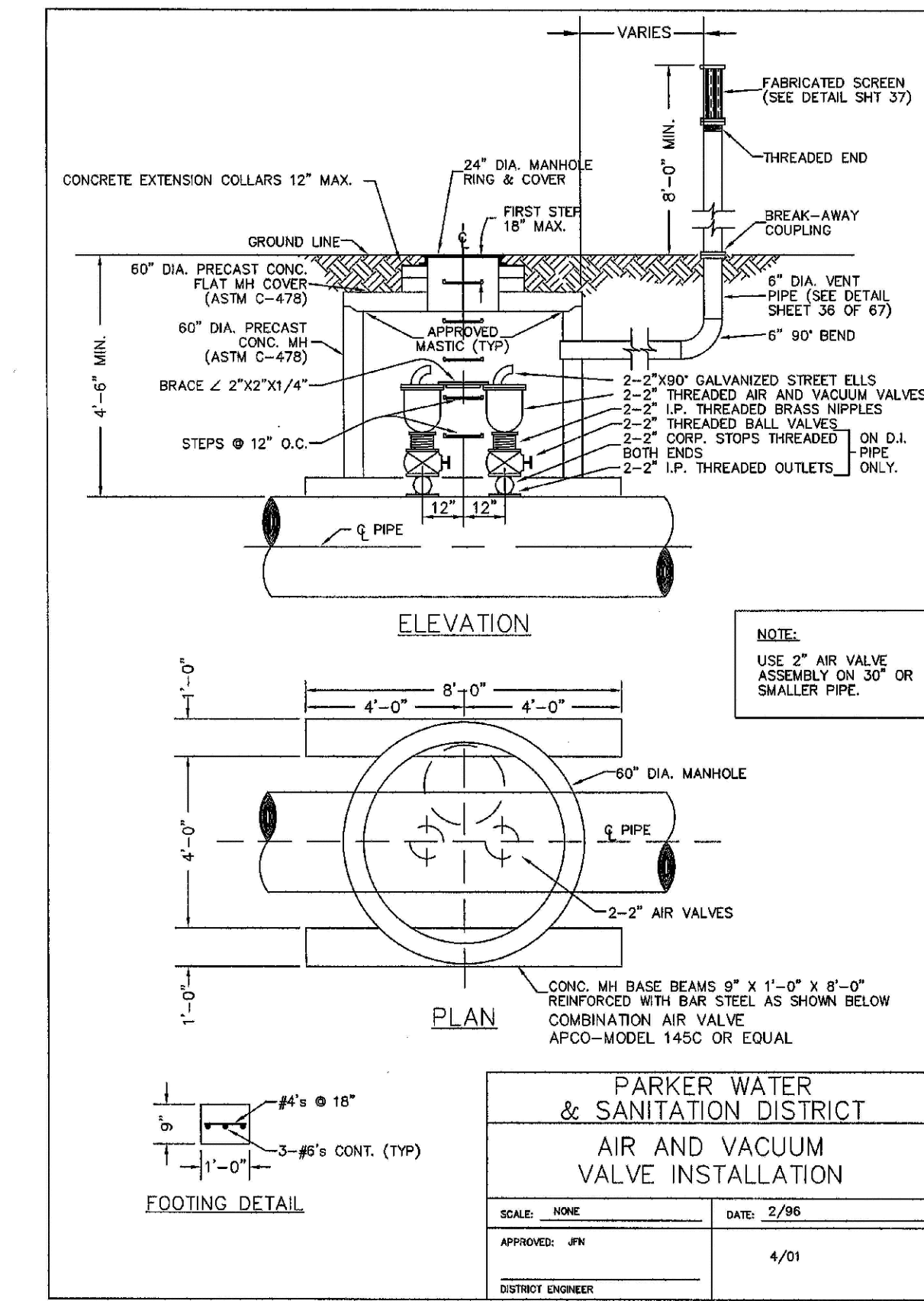
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2008 REVISION SHEET 12



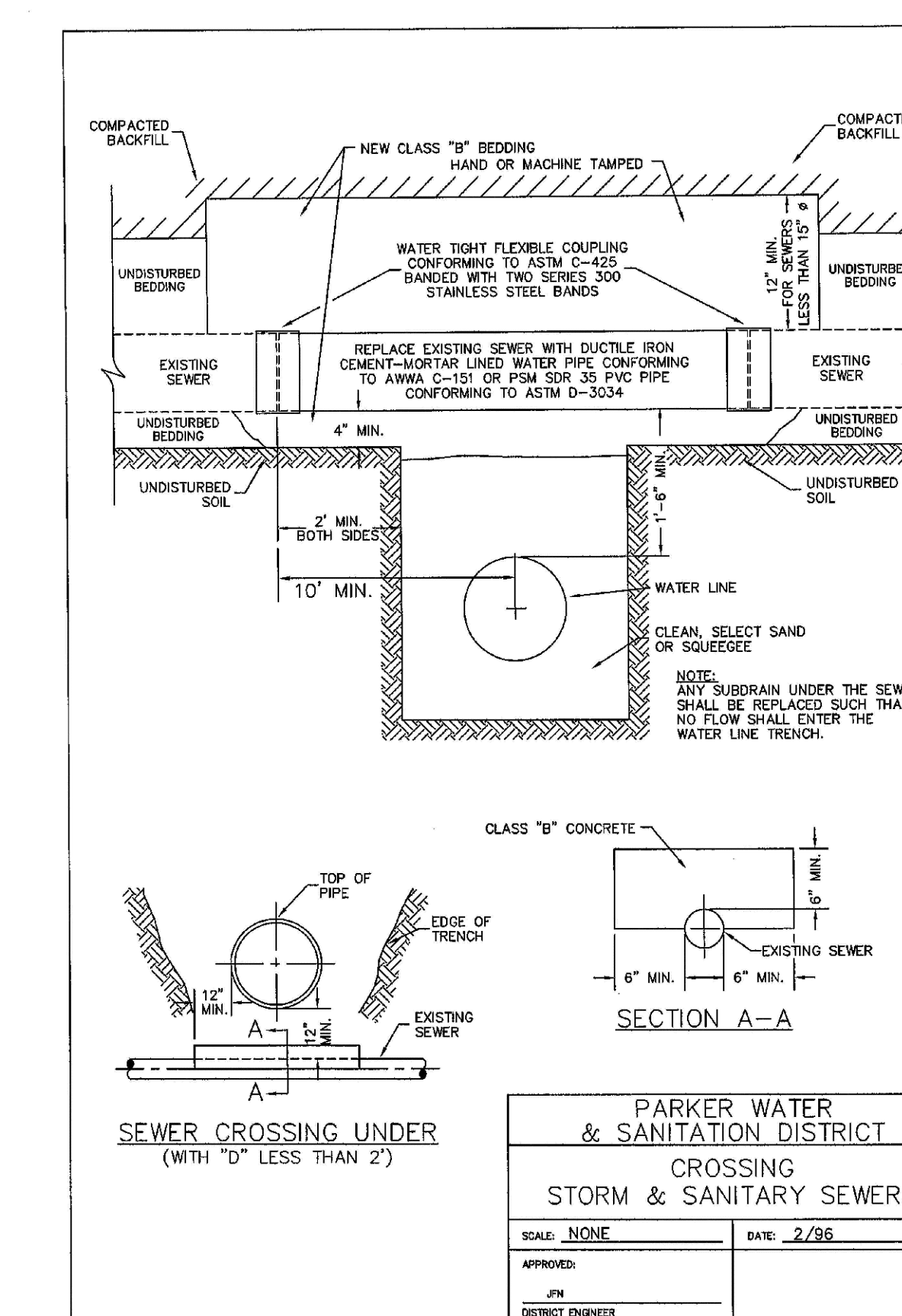
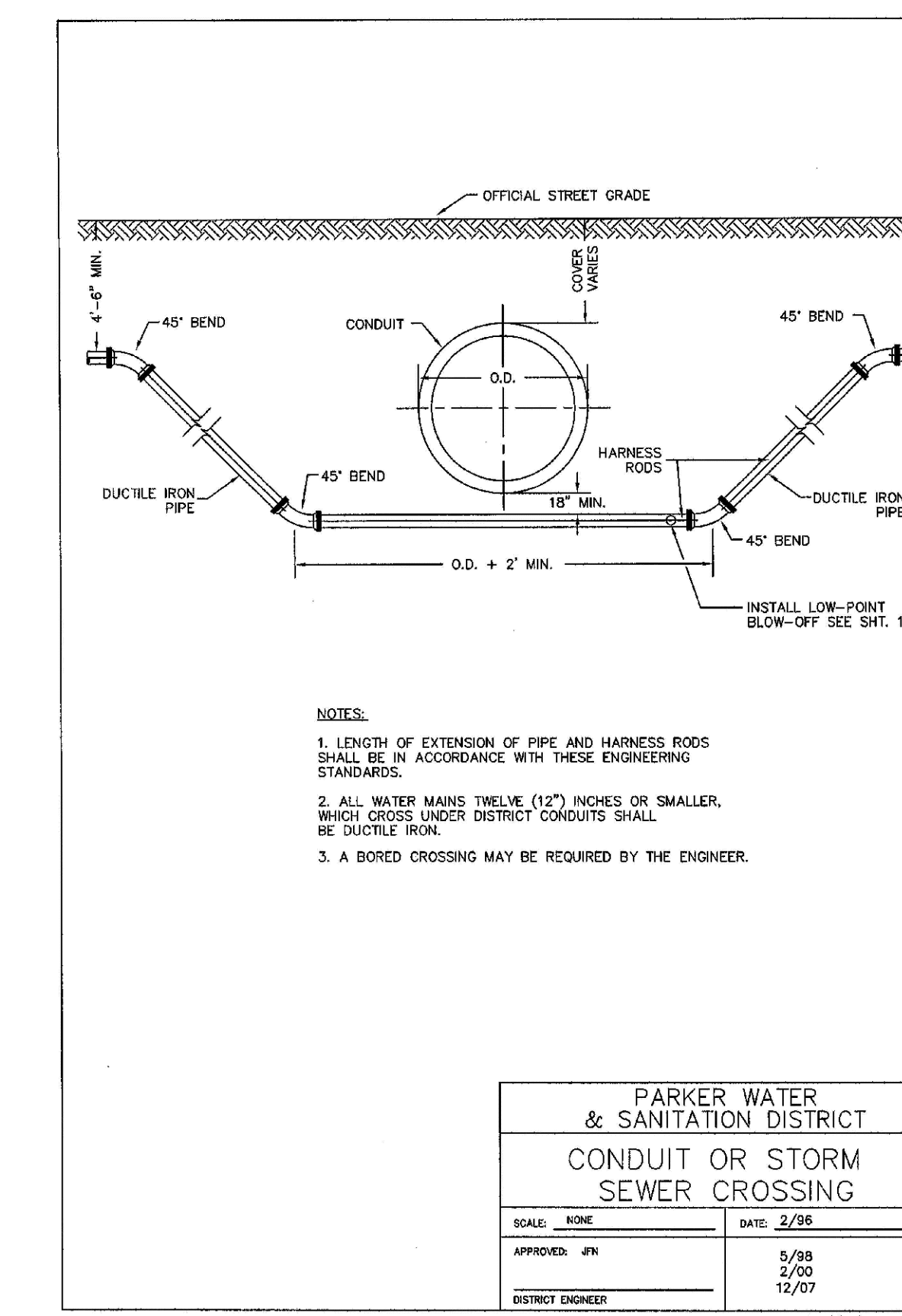
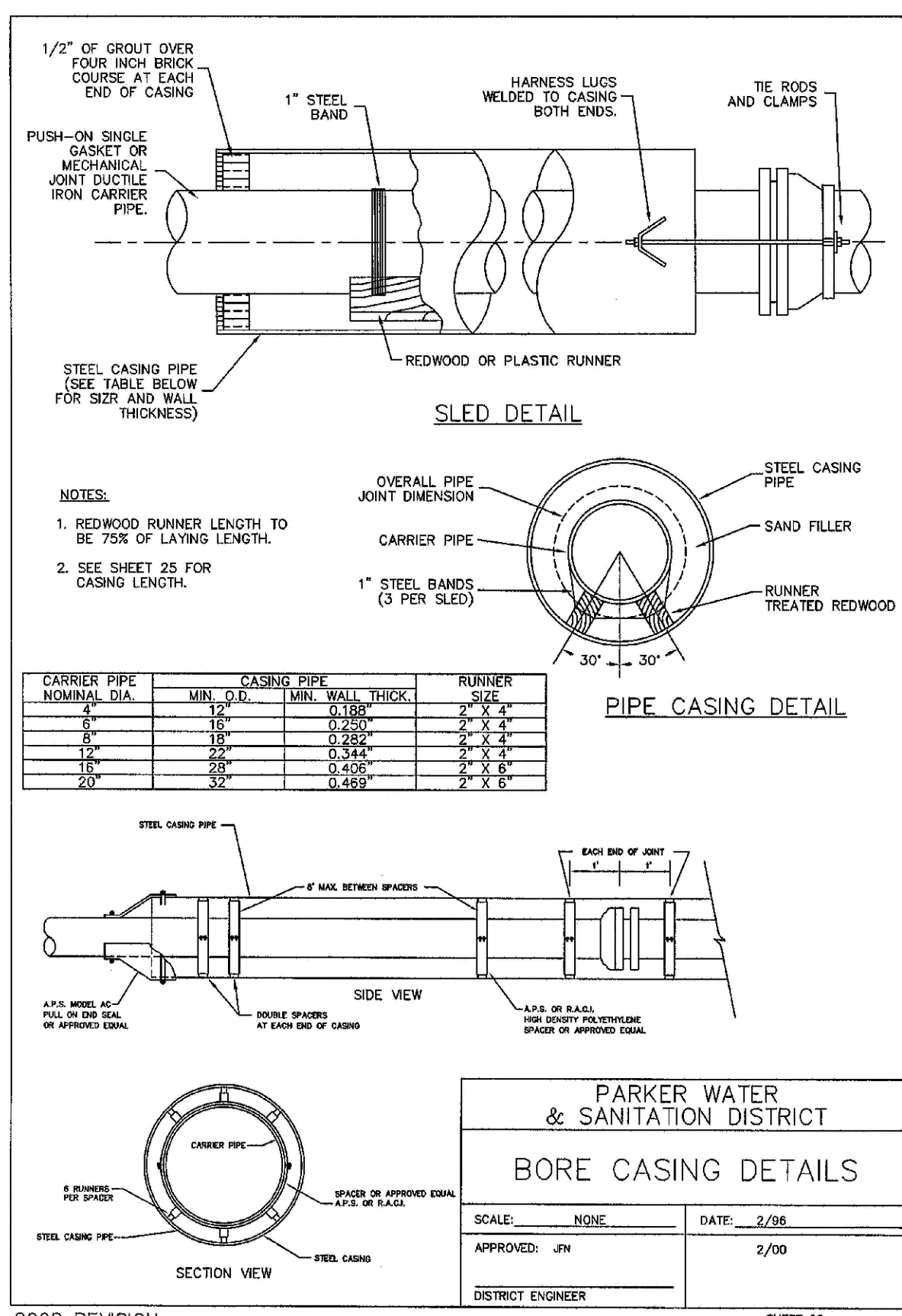
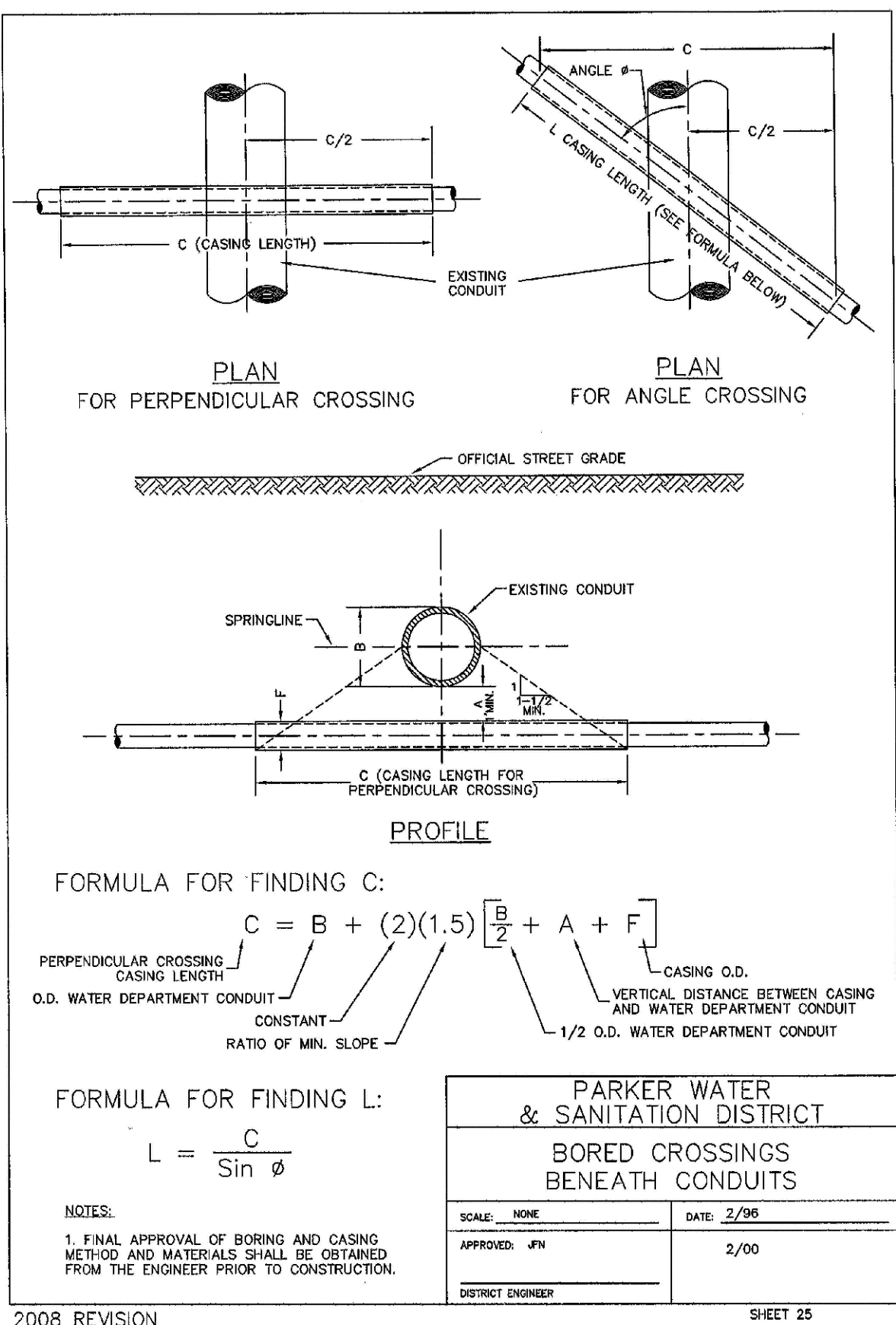
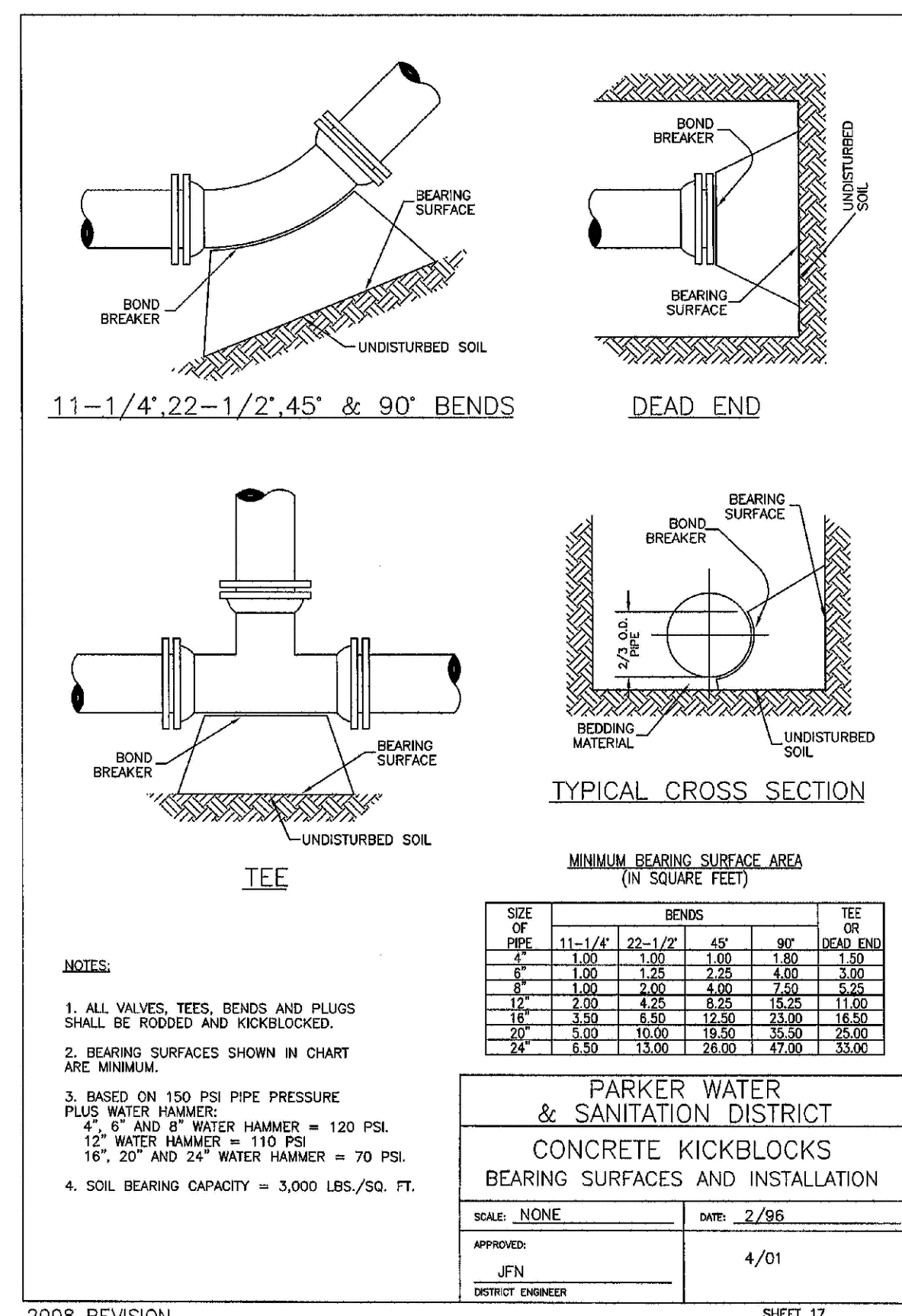
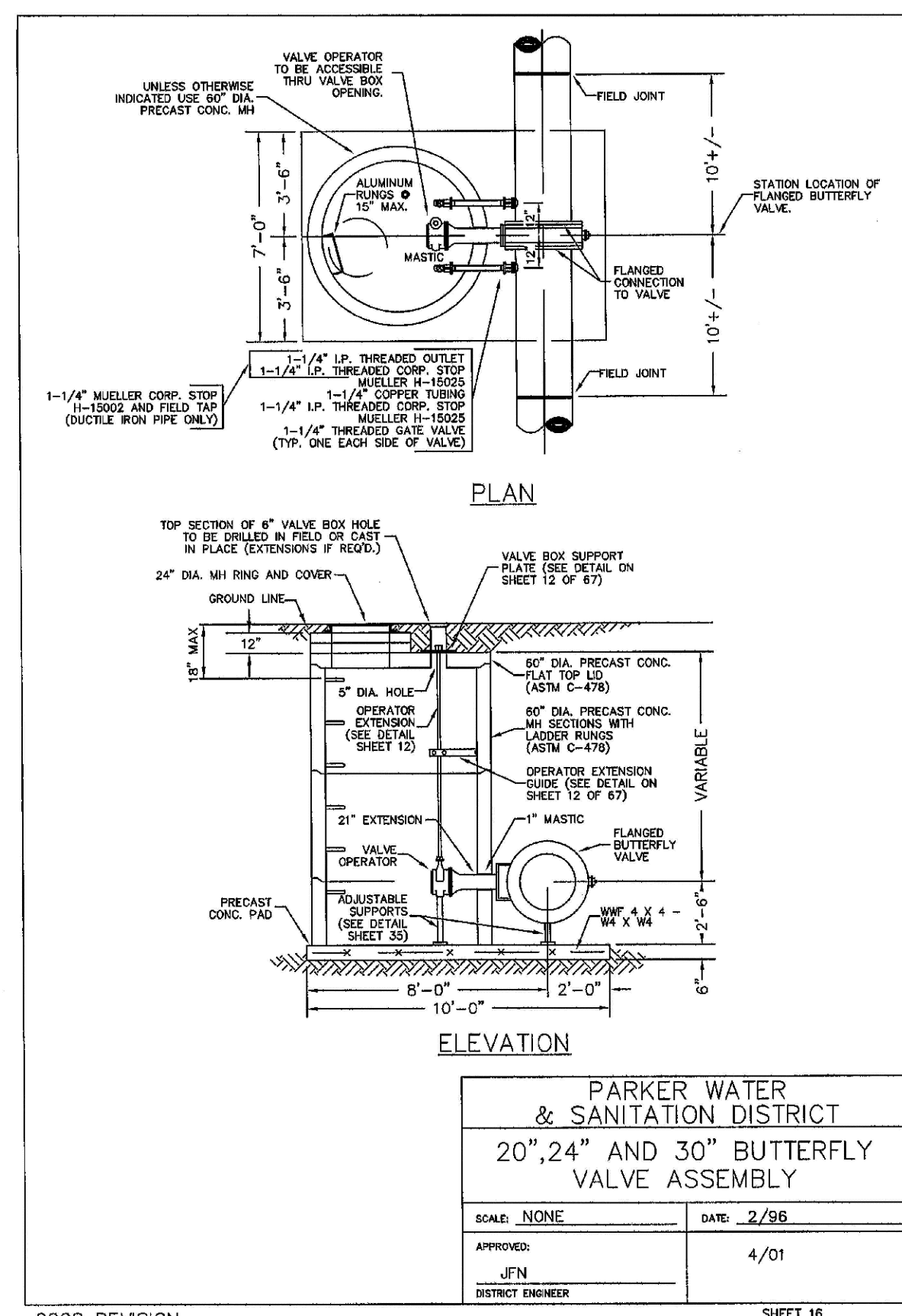
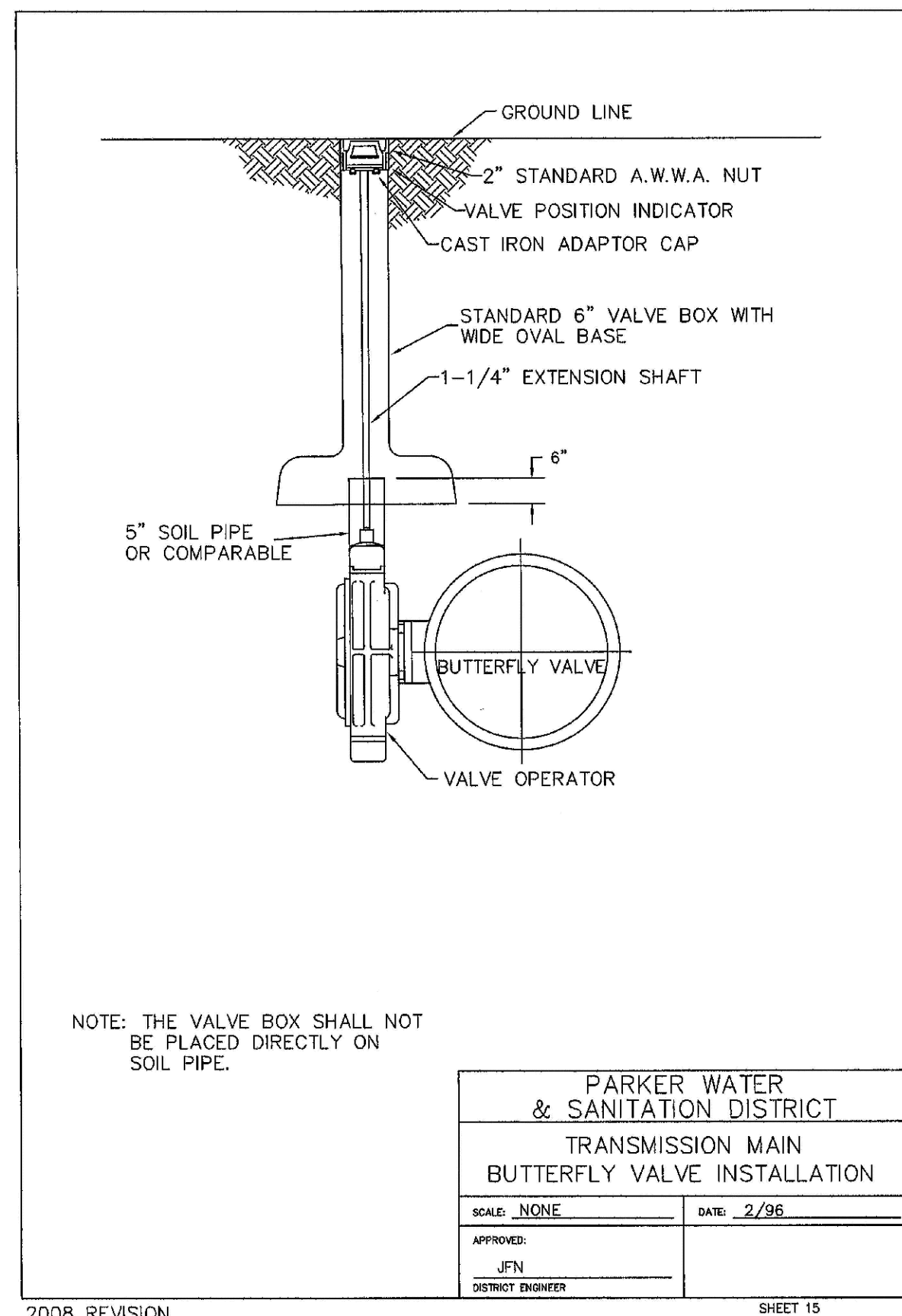
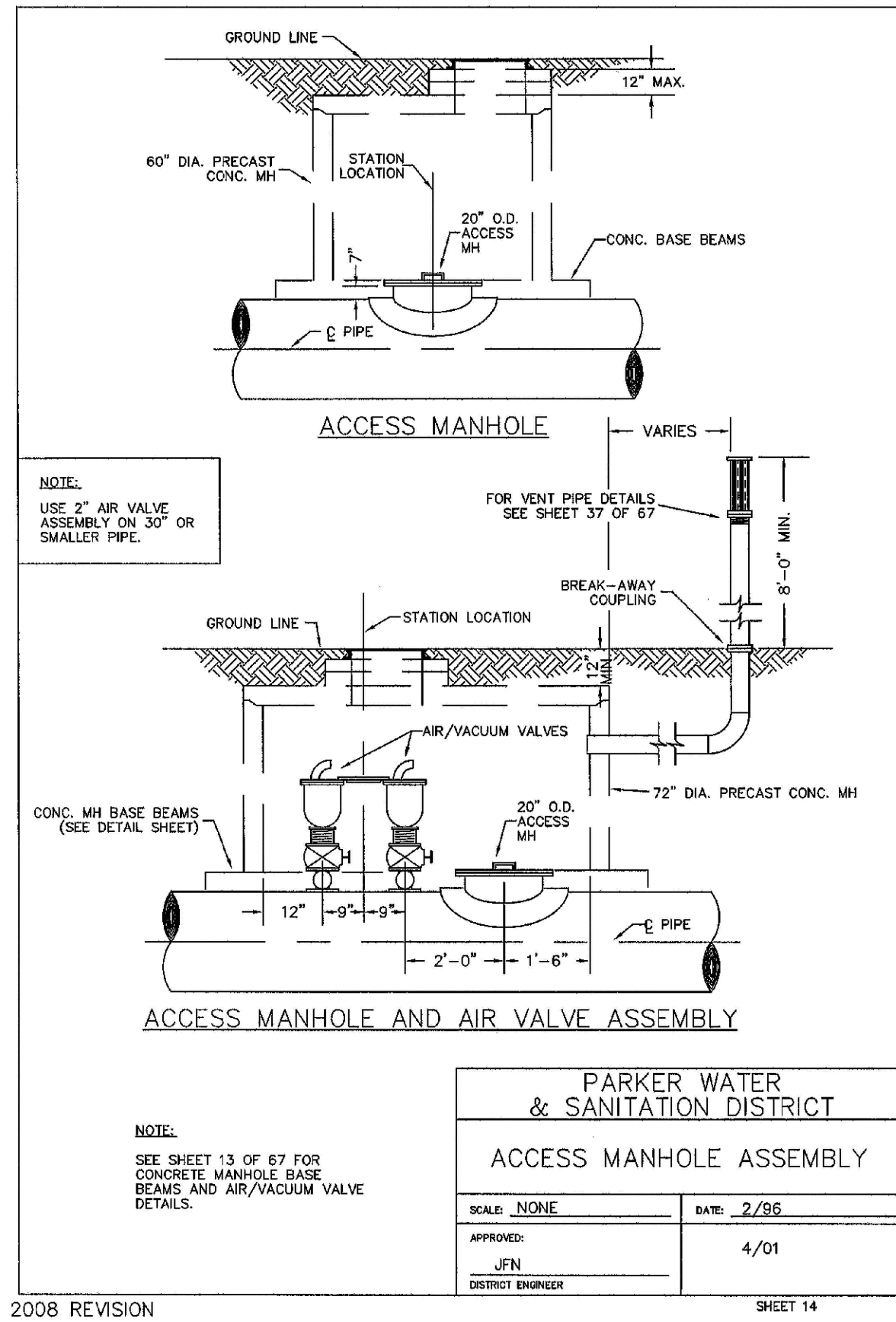
2008 REVISION SHEET 13



2008 REVISION SHEET 13

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SHEET NUMBER	DRAWN BY: JF	CHECKED BY: JJ	DATE: AUGUST 2017	SCALE: AS SHOWN	FILE NO: 8130283701	Revisions	Date	Appr.	Date
				PROJECT: TRAILS AT CROWFOOT	FILE NO: 8130283701				
13	UNCC	LITLTY NOTIFICATION CENTER OF COLORADO	CALL 811	TWO WORKING DAYS	BEFORE YOU DIG	1-800-922-1987	EXX MANAGEMENT	7353 South Alton Way	CENTENNIAL, CO 80112



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Englewood, Colorado 80150
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Fax: (720) 482-9546

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EXS MANAGEMENT
7353 South Alton Way
CENTENNIAL, CO 80112

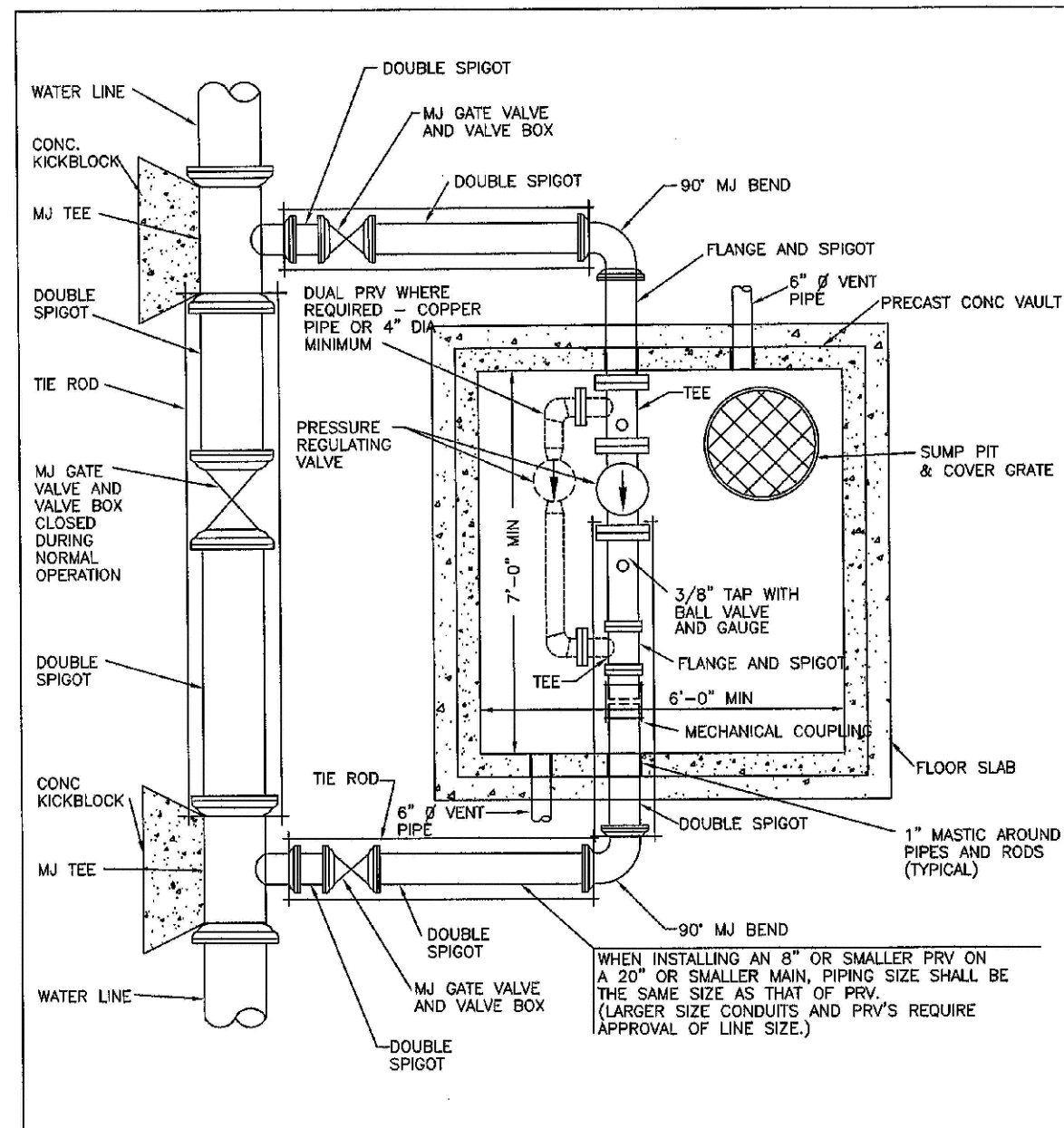
TRAILS AT CROWFOOT
FILING 6 CONSTRUCTION DRAWINGS
WATER DETAILS

SCALE: AS SHOWN
FILE NO: 8130283701

DRAWN BY: JF
CHECKED BY: JJ
DATE: AUGUST 2017

SHEET NUMBER: 14

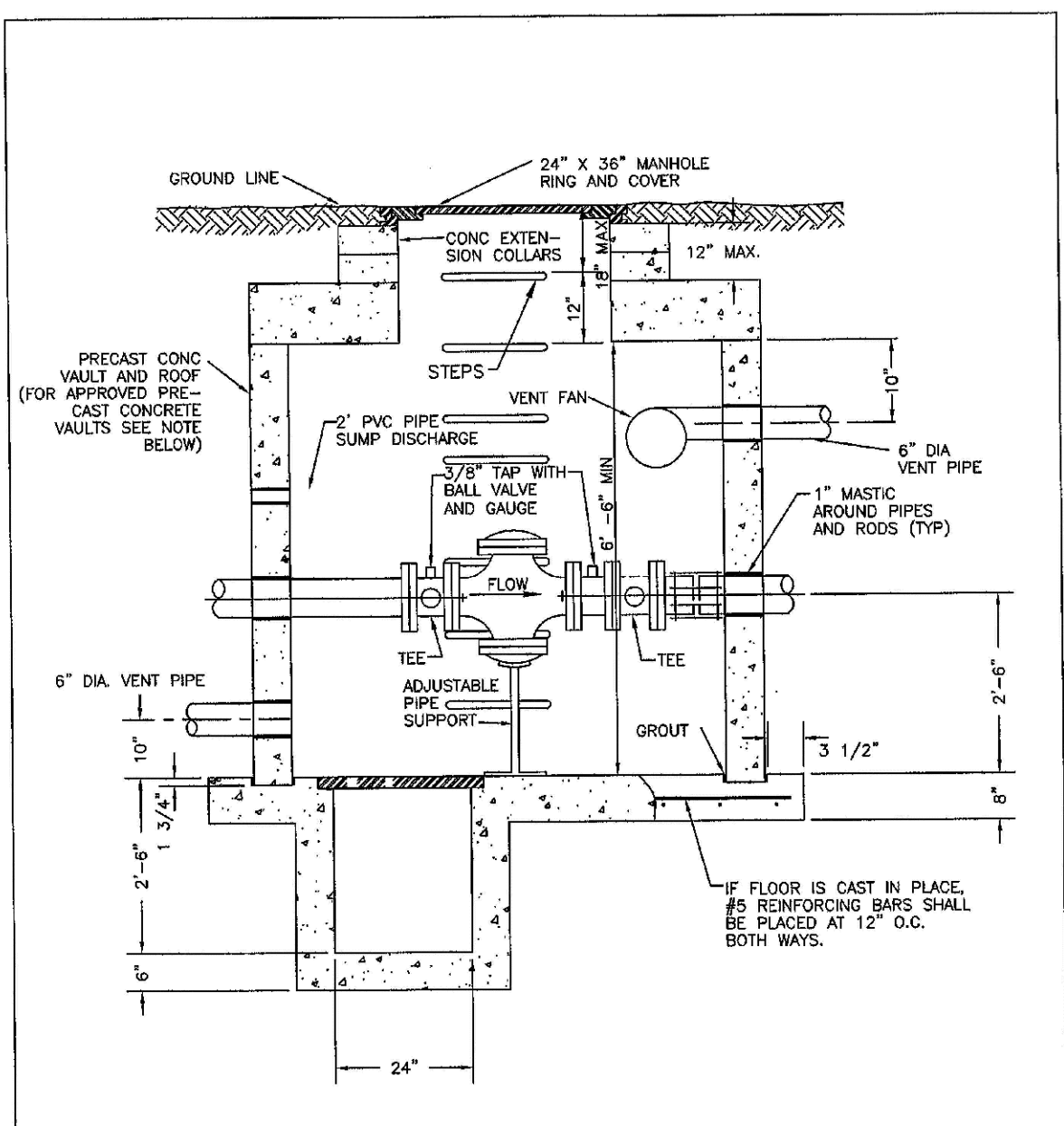
No.	Revisions	Date	Init.	Appr.	Date



PARKER WATER & SANITATION DISTRICT
PRESSURE REGULATING VALVE
RECTANGULAR VAULT
TYPICAL PLAN

SCALE: NONE DATE: 2/98
 APPROVED: JFN 2/00
 DISTRICT ENGINEER 3/03

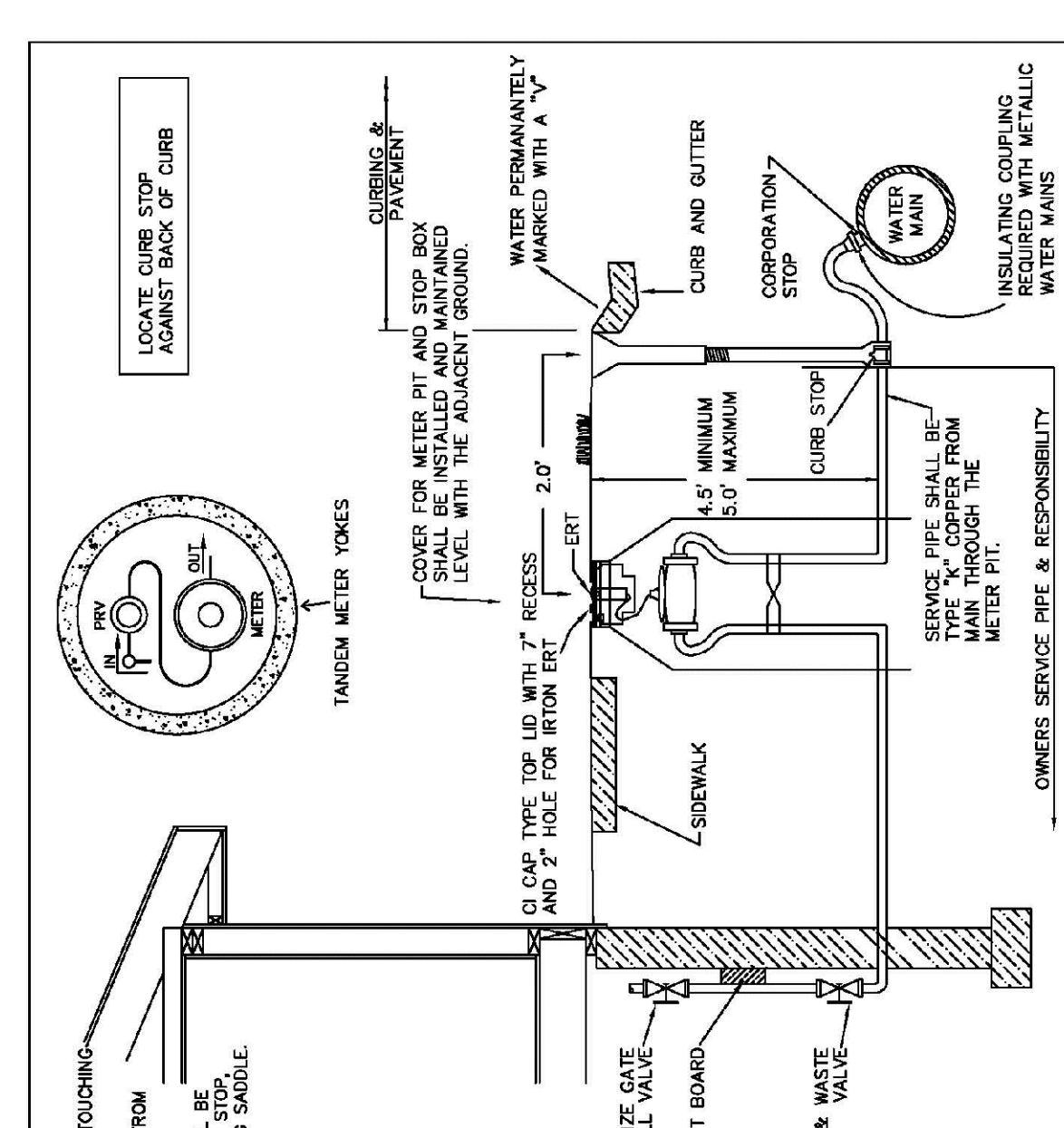
2008 REVISION



PARKER WATER & SANITATION DISTRICT
PRESSURE REGULATING VALVE
RECTANGULAR VAULT
CROSS SECTION

SCALE: NONE DATE: 2/98
 APPROVED: JFN 4/01
 DISTRICT ENGINEER 3/03

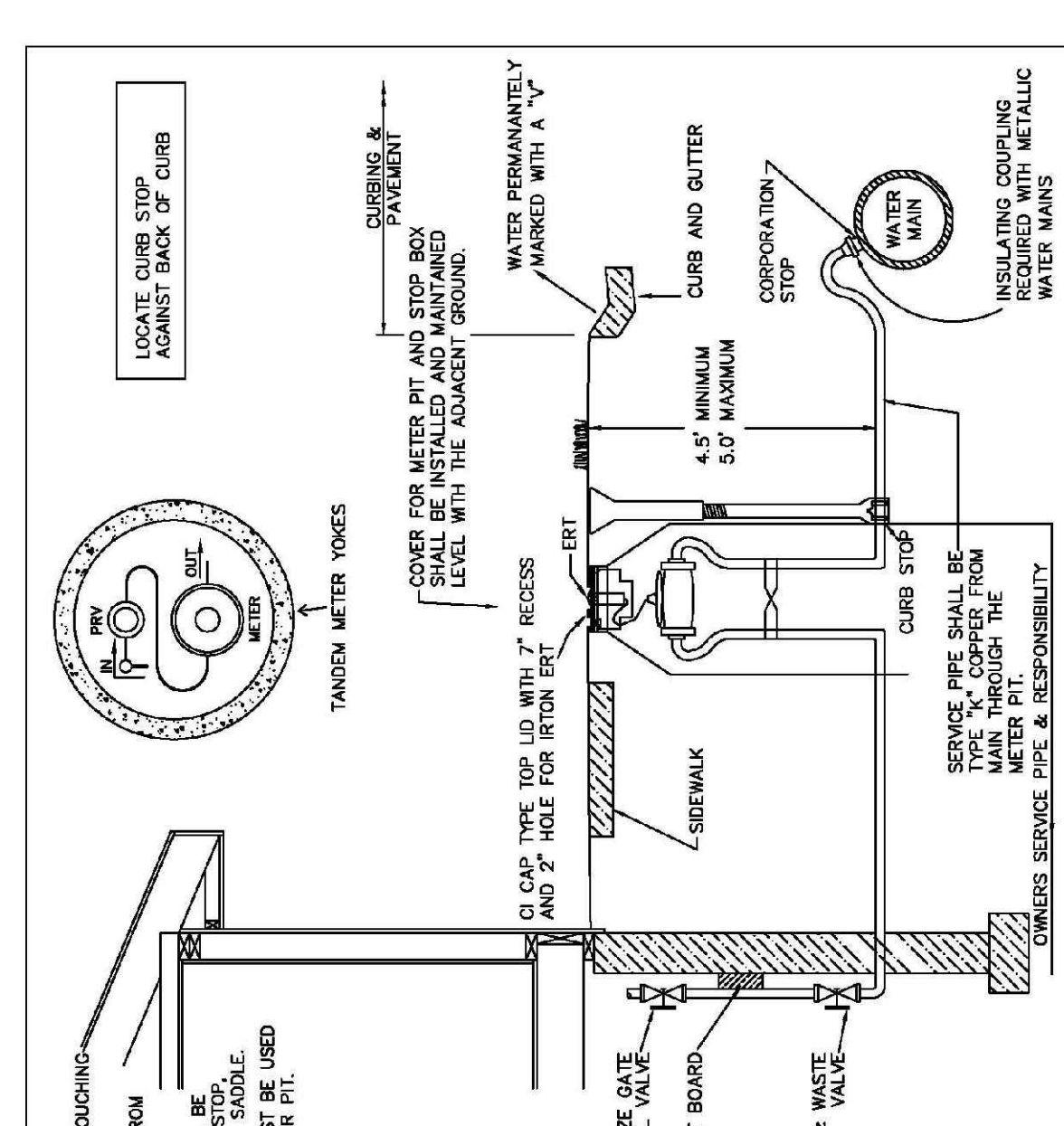
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PARKER WATER & SANITATION DISTRICT
SERVICE LINE, STOP BOX AND
OUTSIDE METER INSTALLATION

SCALE: NONE DATE: 2/98
 APPROVED: JFN 2/00 5/00
 DISTRICT ENGINEER 4/01 1/12 12/03

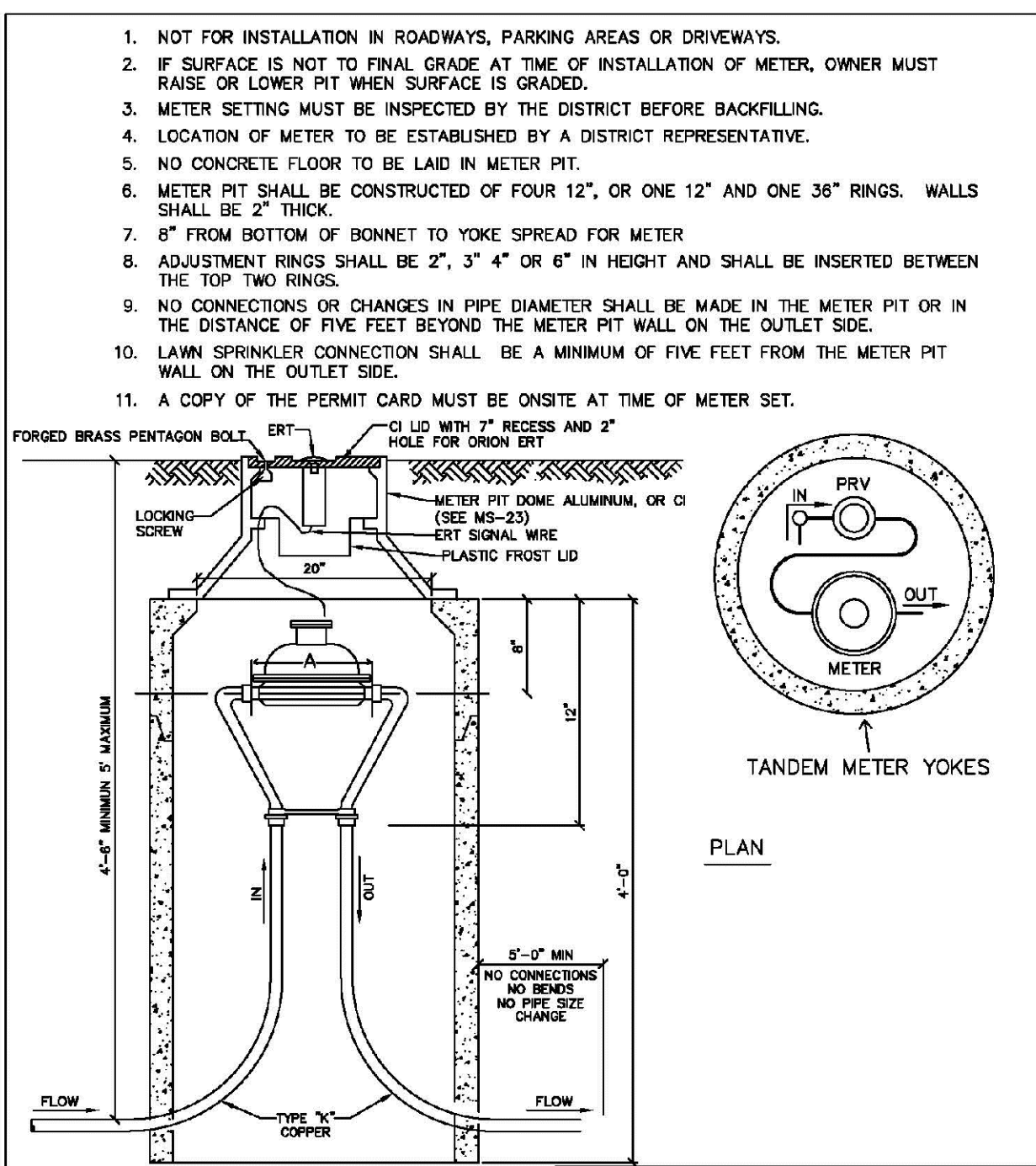
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PARKER WATER & SANITATION DISTRICT
SERVICE LINE, STOP BOX AND
OUTSIDE METER INSTALLATION

SCALE: NONE DATE: 2/98
 APPROVED: JFN 2/00 5/00
 DISTRICT ENGINEER 4/01 1/12 12/03

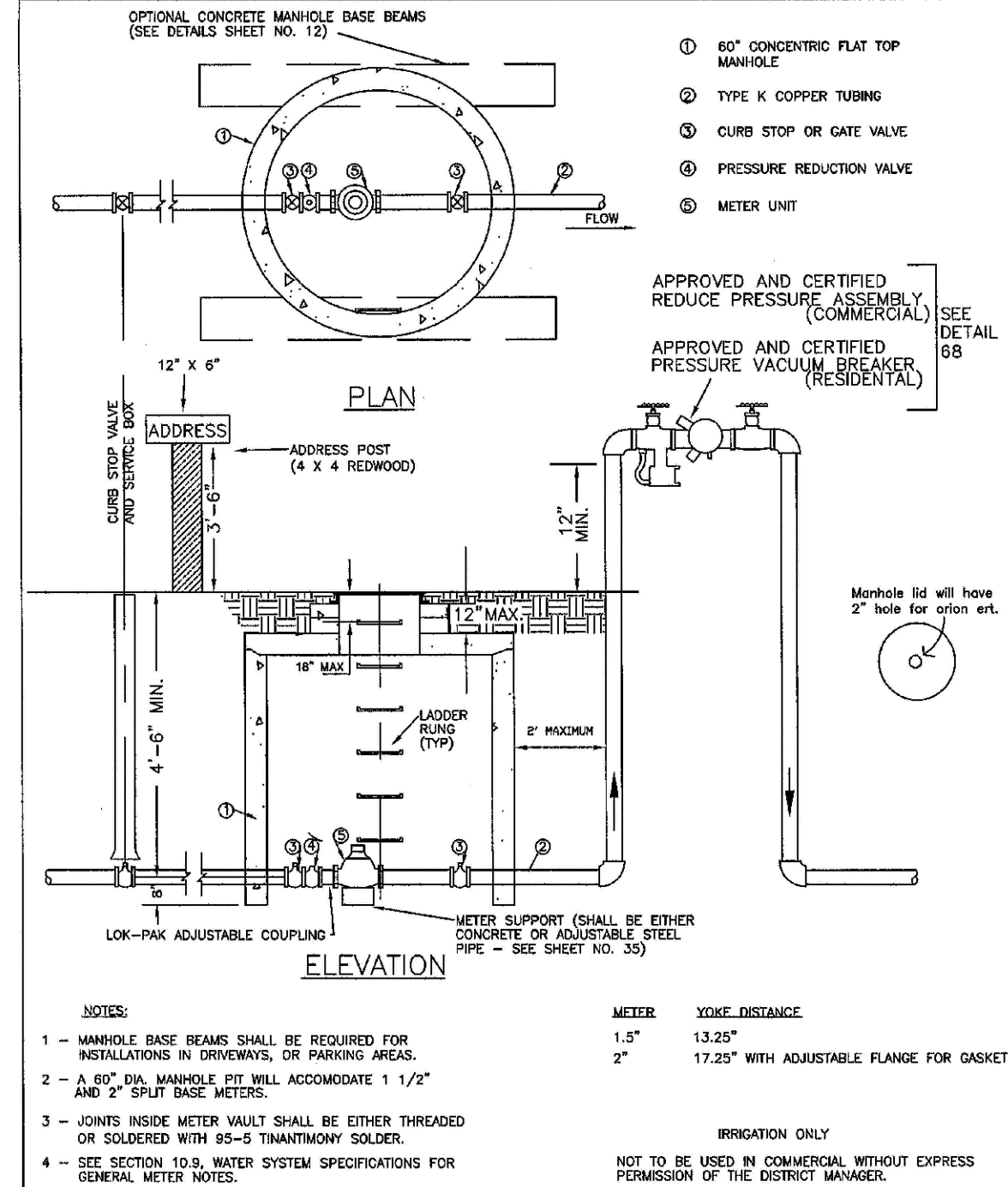
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PARKER WATER & SANITATION DISTRICT
ALL OUTSIDE SETTINGS FOR
5/8" X 3/4" & 1" METERS

SCALE: NONE DATE: 2/98
 APPROVED: JFN 01/24 06/05
 DISTRICT ENGINEER 01/28 01/28

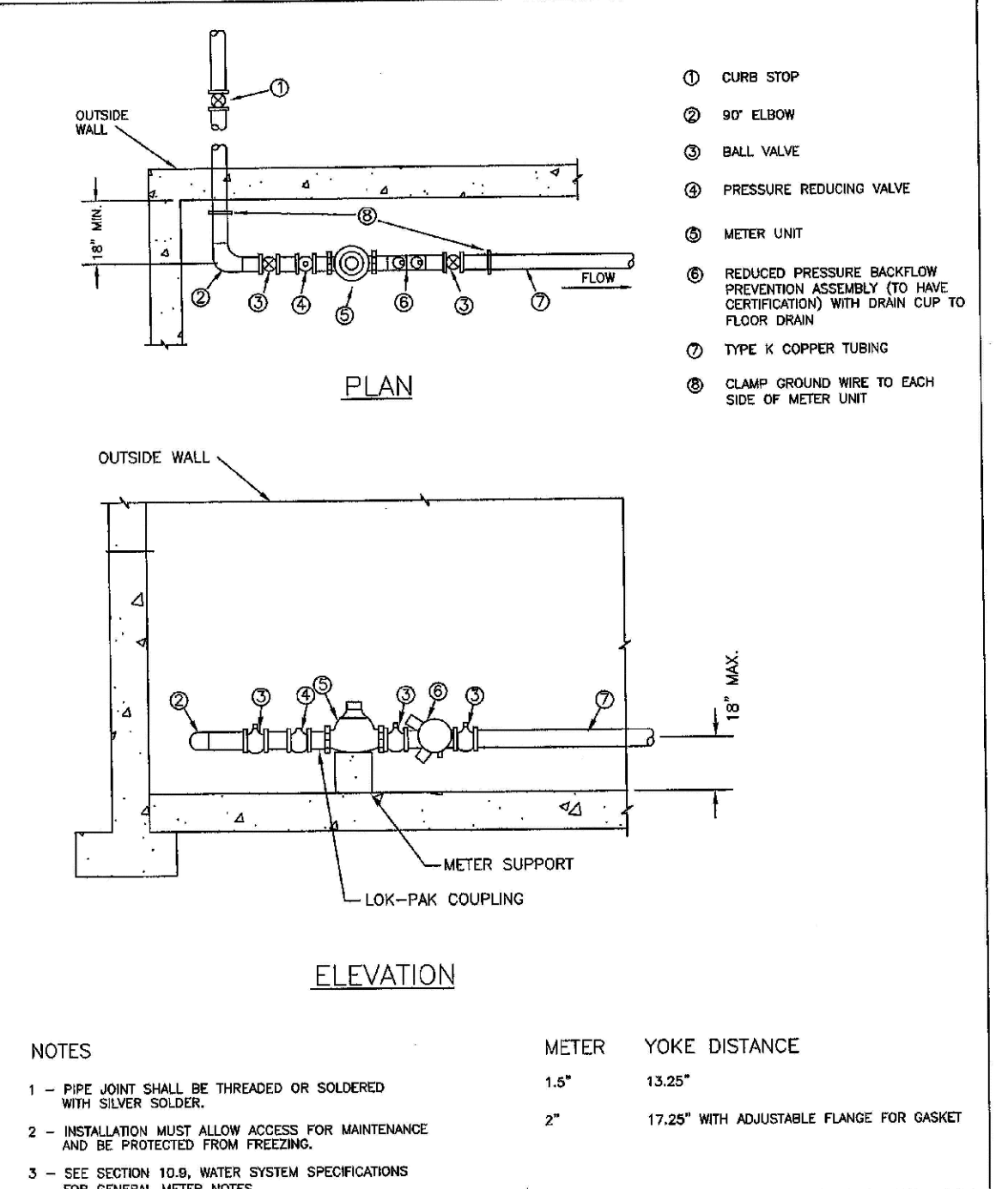
2008 REVISION



PARKER WATER & SANITATION DISTRICT
OUTSIDE SETTING FOR 1 1/2" & 2"
METER FOR IRRIGATION

SCALE: NONE DATE: 2/98
 APPROVED: JFN 1/04 06/05

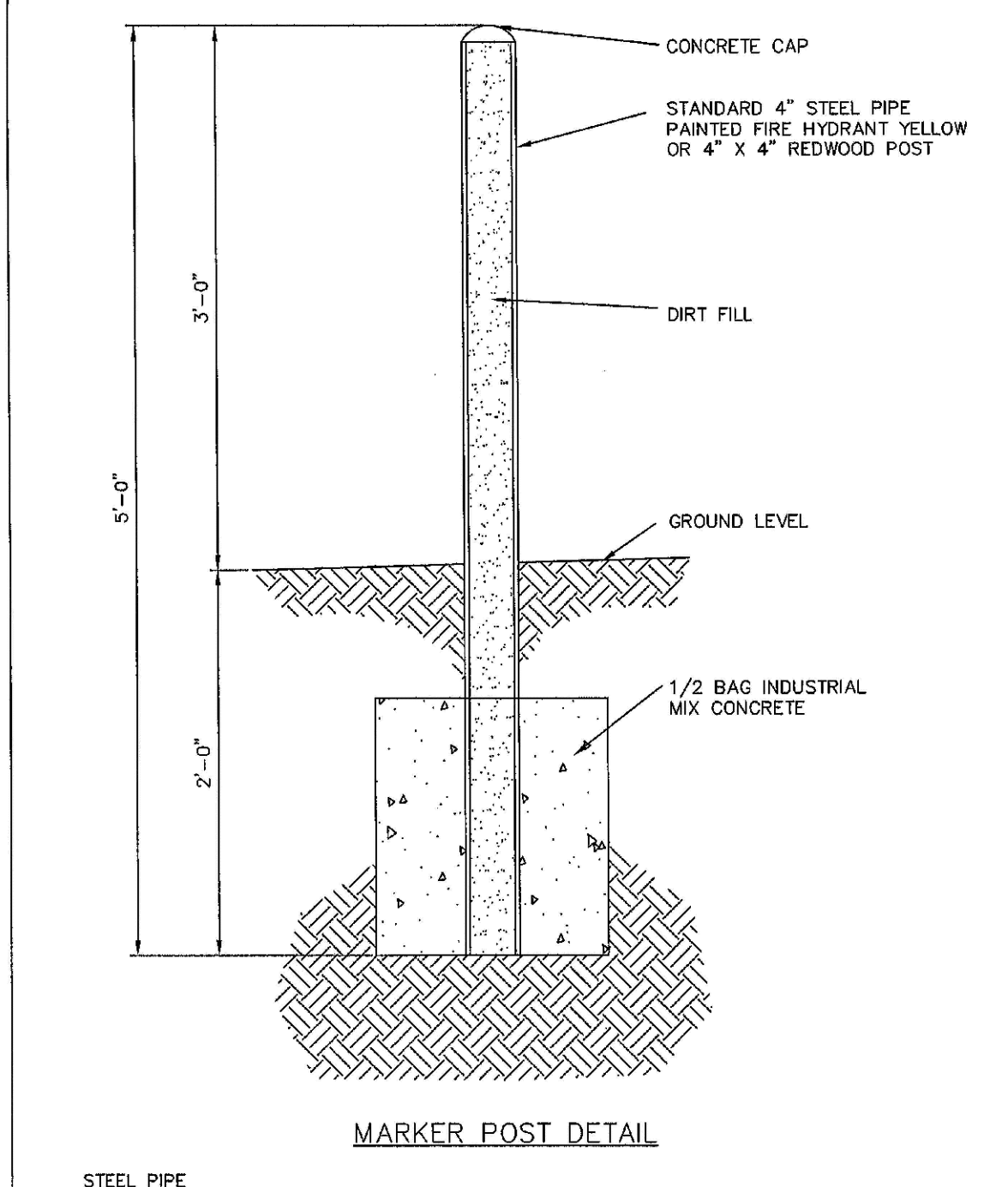
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PARKER WATER & SANITATION DISTRICT
INSIDE SETTING FOR
1 1/2" & 2" METER WITH CHECK VALVE

SCALE: NONE DATE: 2/98
 APPROVED: JFN 8/99 01/02 2/00 06/05 4/01 07/06

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PARKER WATER AND SANITATION DISTRICT
MARKER POST

SCALE: NONE DATE: 2/98
 APPROVED: JFN 2/00 4/01 12/07

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METER SIZE	A
5/8" X 3/4"	7 1/2"
1"	11 1/8"

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 CENTENNIAL, CO 80112

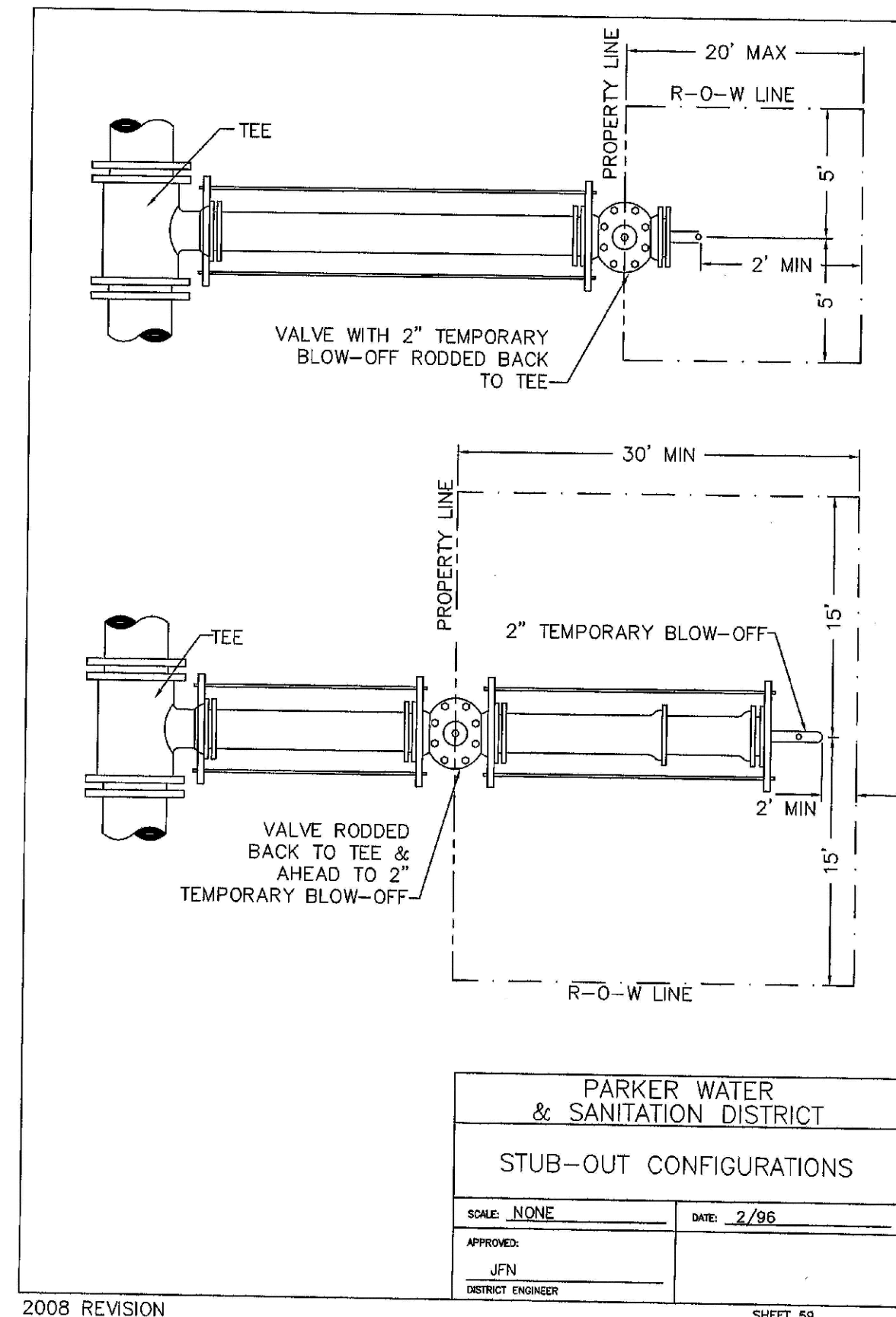
TRAILS AT CROWFOOT
FILING 6 CONSTRUCTION DRAWINGS
WATER DETAILS

SCALE: AS SHOWN
 DRAWN BY: JF
 CHECKED BY: JJ
 DATE: AUGUST 2017

FILE NO: 8130283701

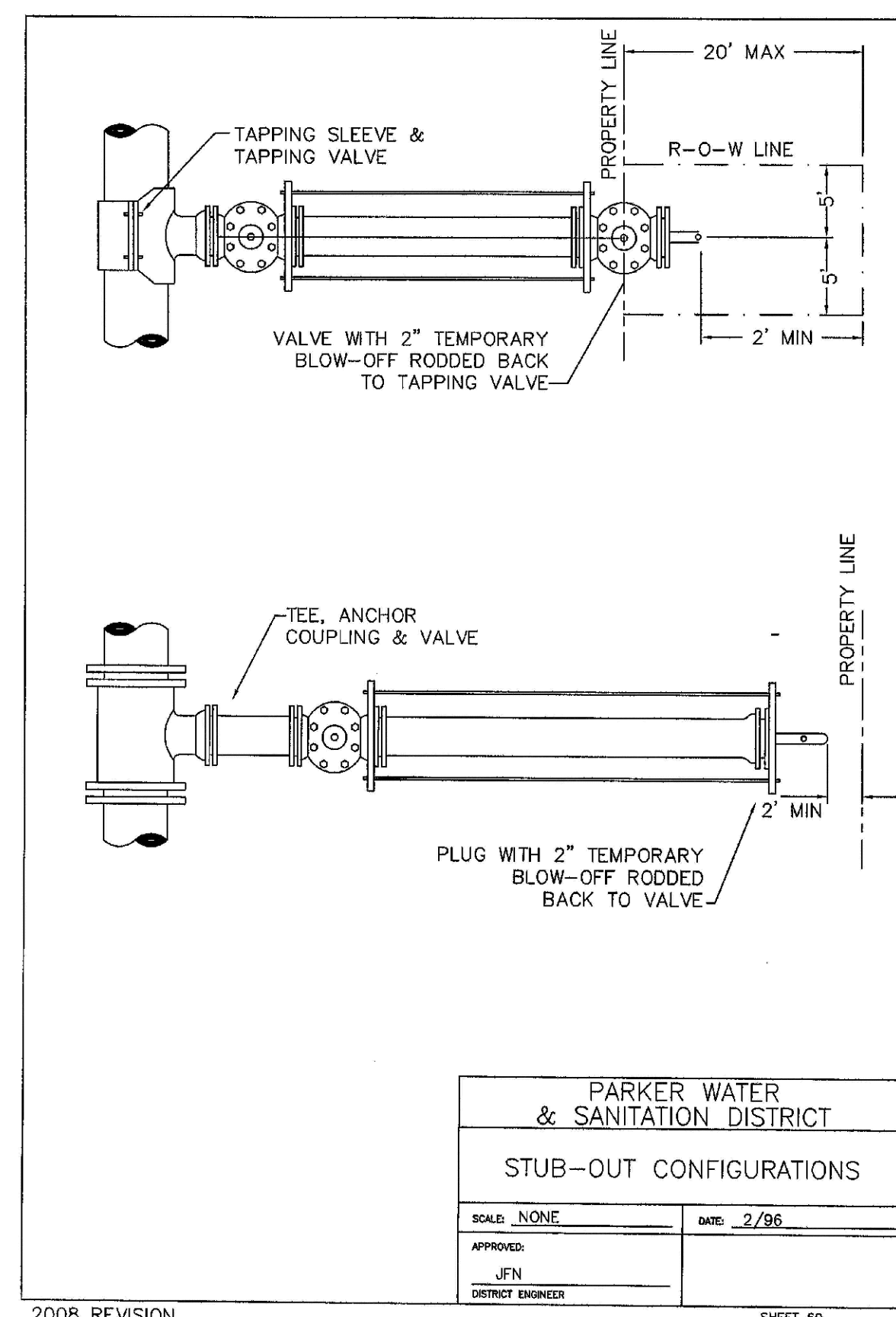
SHEET NUMBER: 16

No.	Revisions	Date	Init.	Appr.	Date



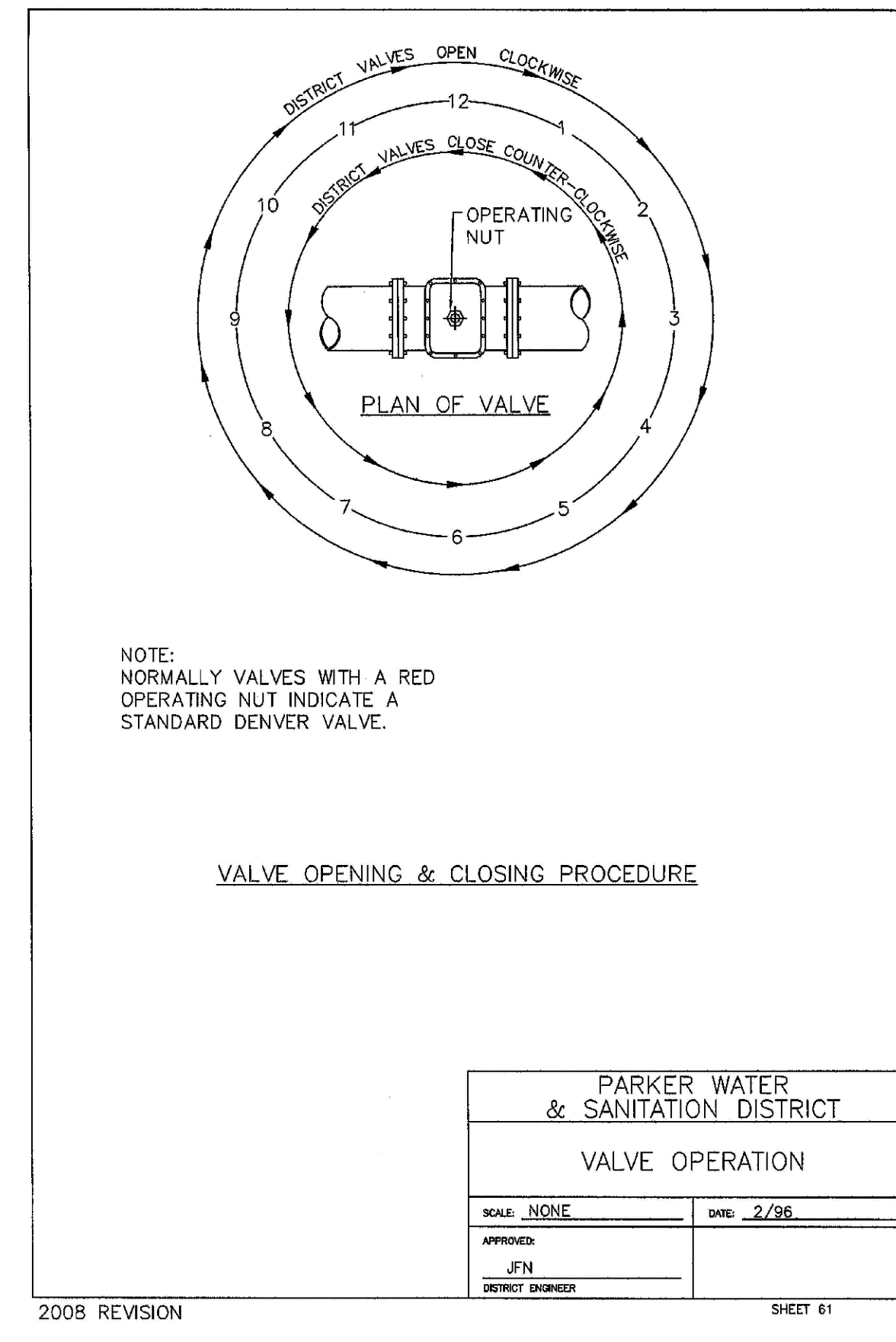
2008 REVISION

SHEET 59



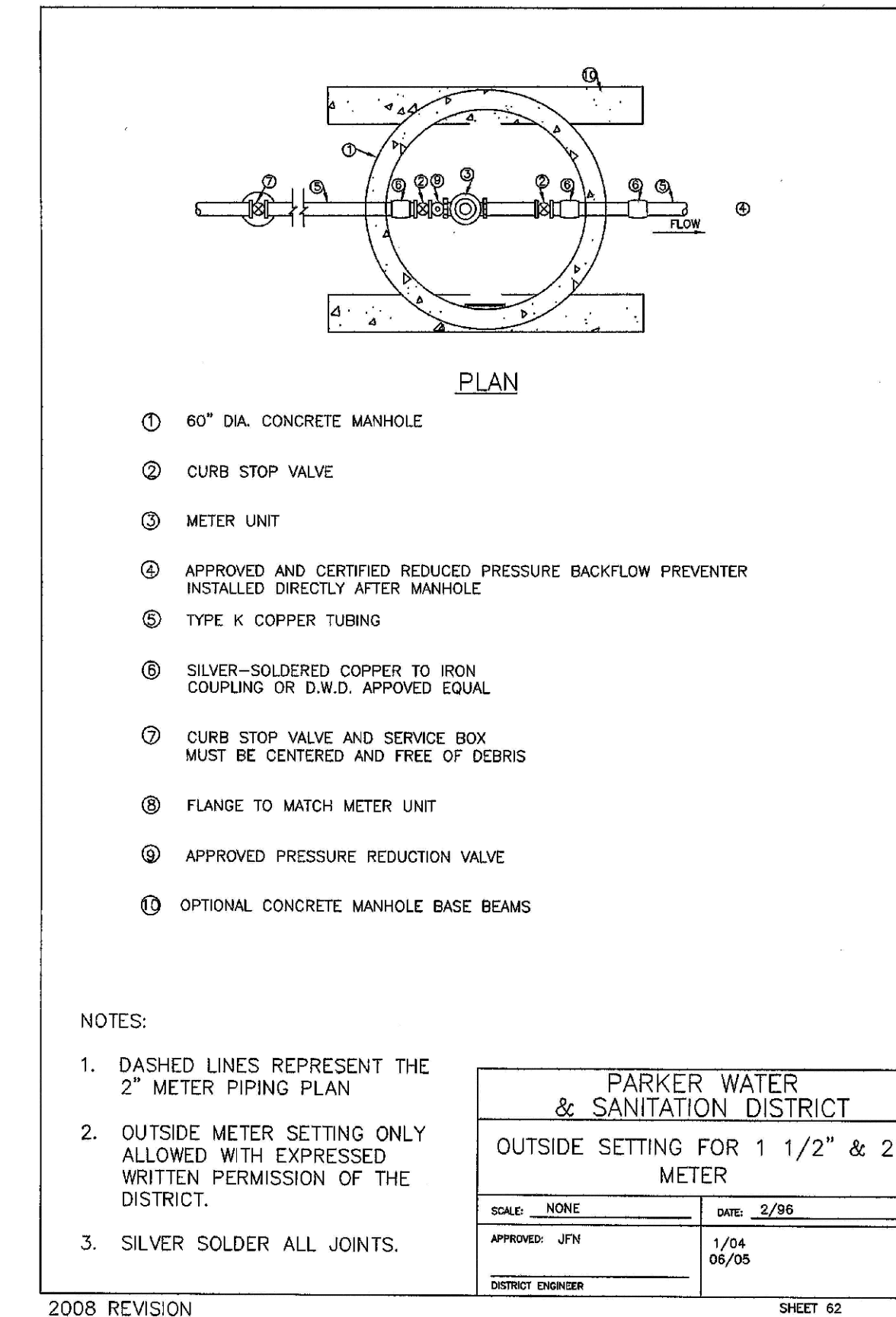
2008 REVISION

SHEET 60



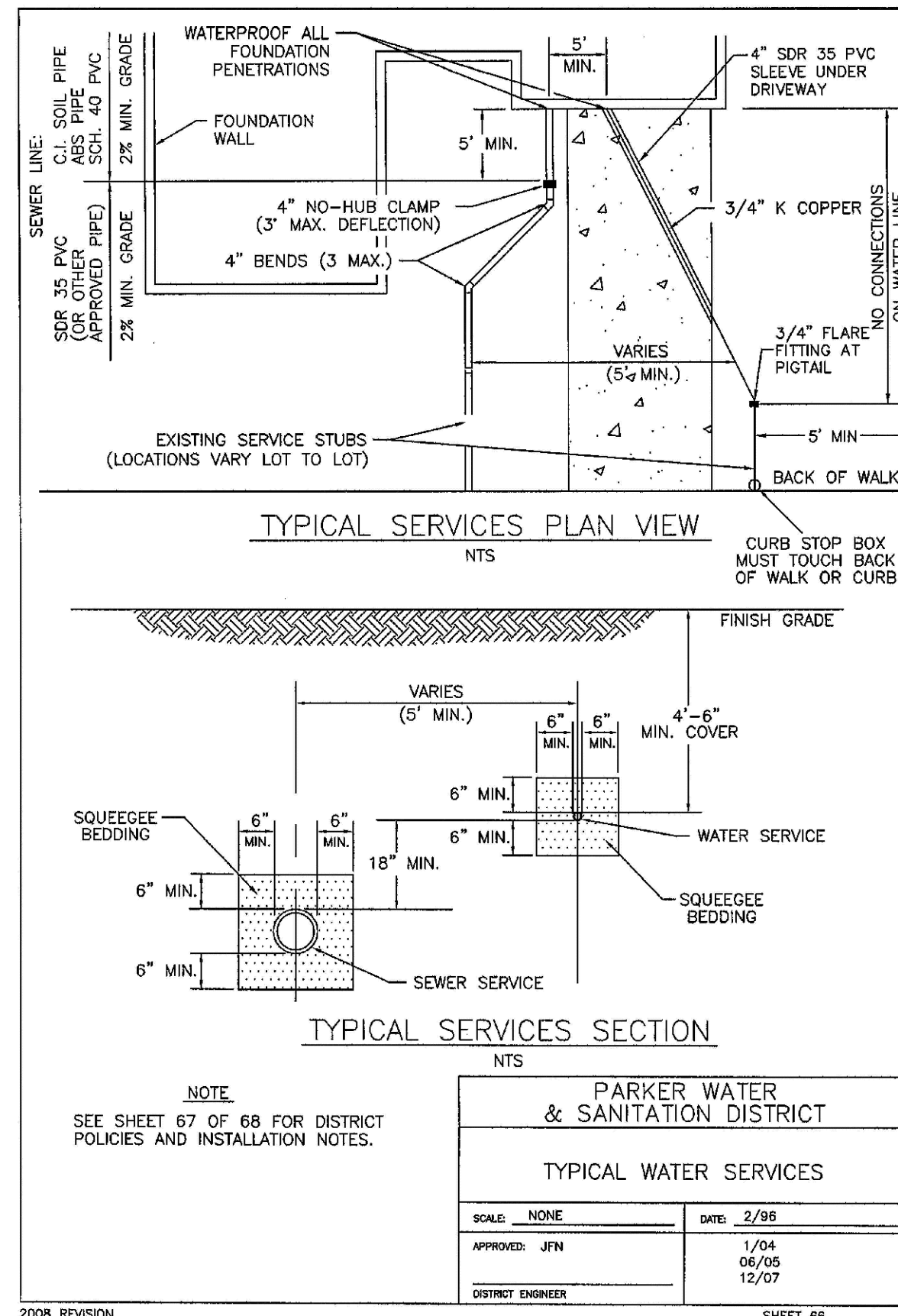
2008 REVISION

SHEET 61



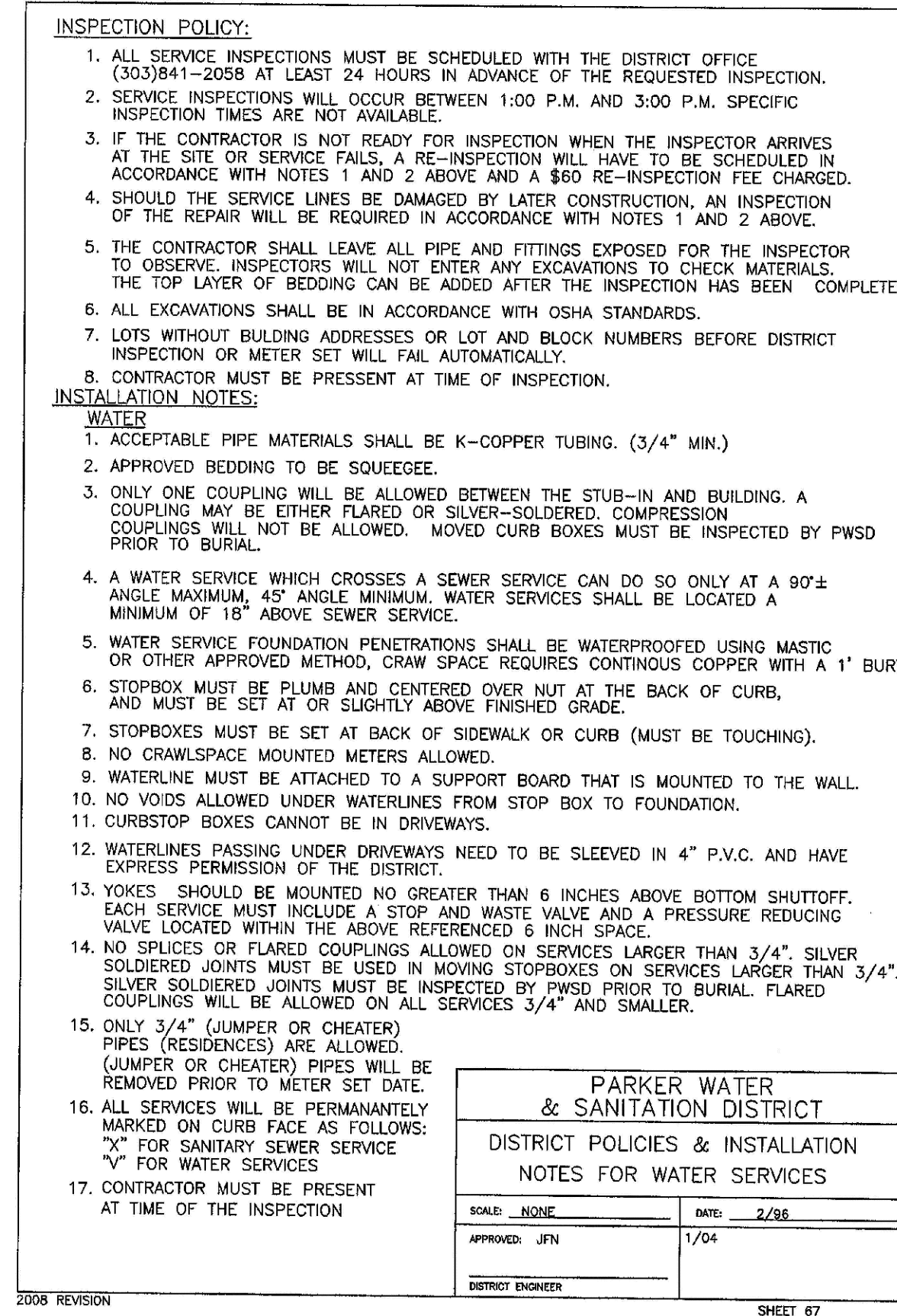
2008 REVISION

SHEET 62



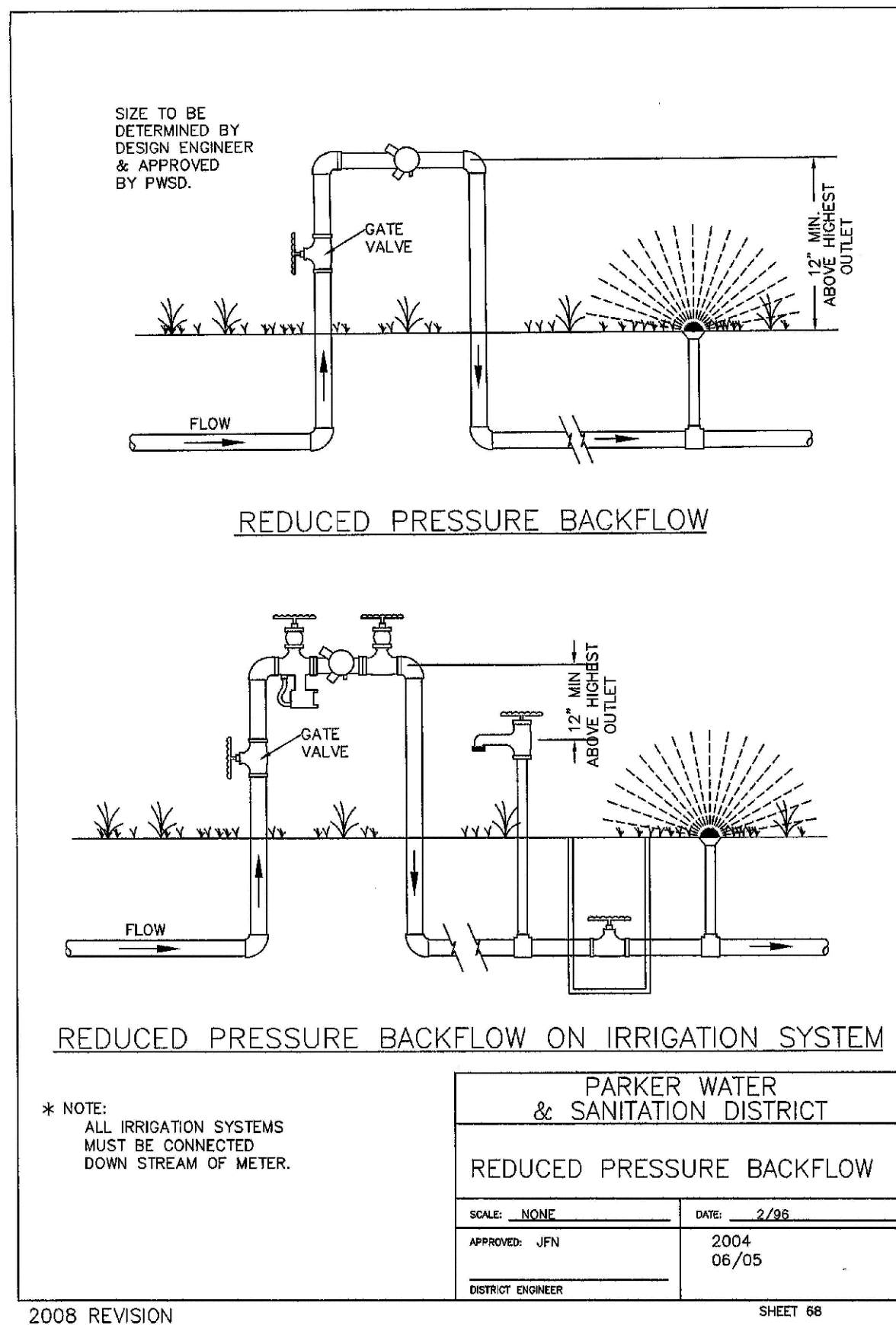
2008 REVISION

SHEET 66



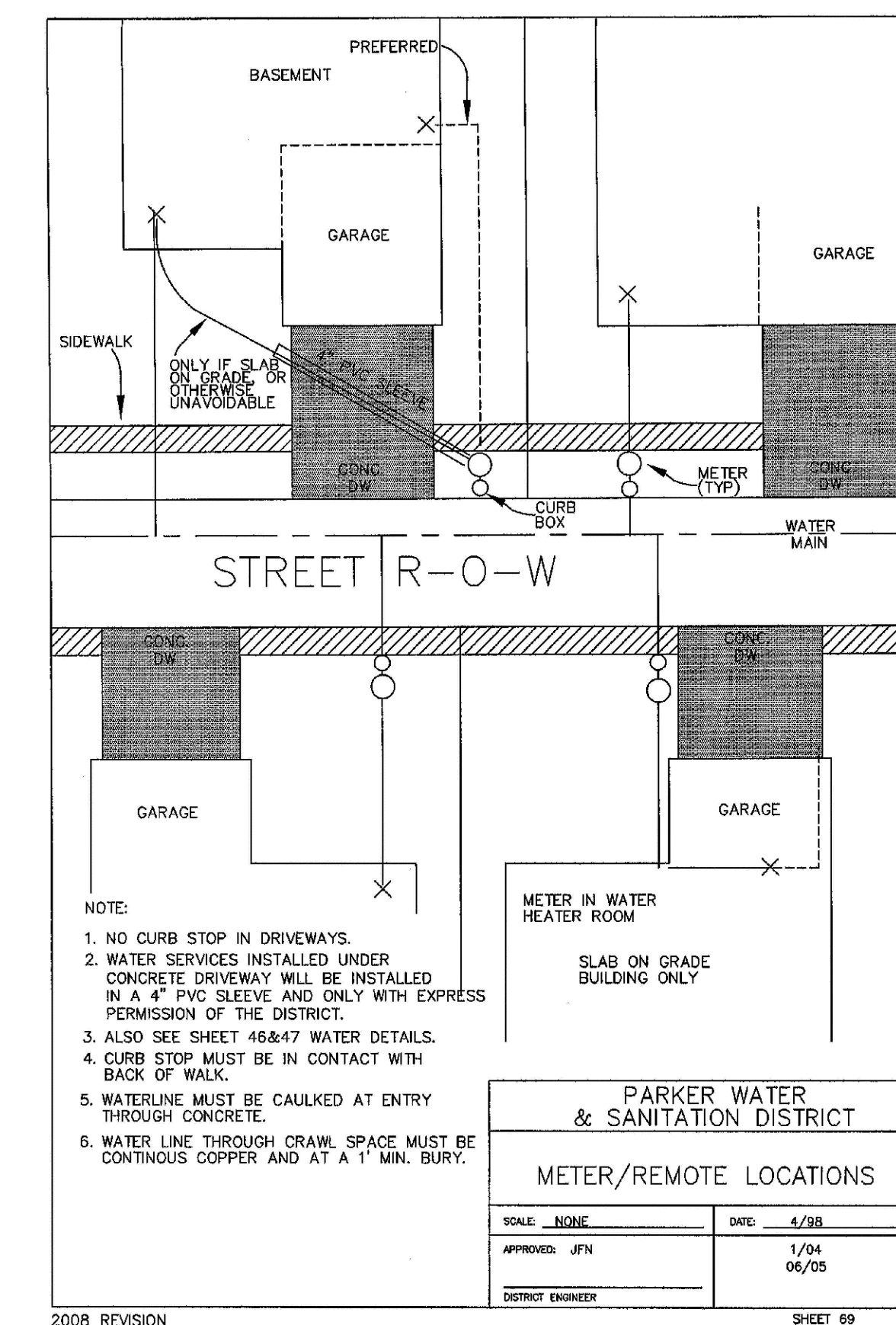
2008 REVISION

SHEET 67



2008 REVISION

SHEET 68



2008 REVISION

SHEET 69

N:\PROJECTS\SSS\BACH\ENGINEERING\SSS\SET\DCS\FORPARKER WATER AND SANITATION\WATER DETAILS.DWG LAURAC. 08/12/07 5:00 PM

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
UNCC 1-800-922-1987
UTILITY NOTIFICATION CENTER OF COLORADO

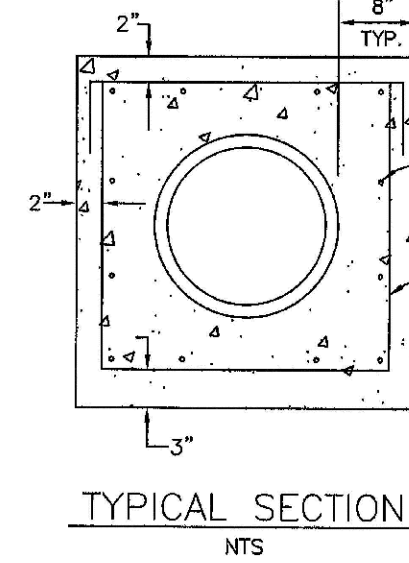
SCALE:	AS SHOWN	SHEET NUMBER:	17
DRAWN BY:	JF	FILE NO.:	8130283701
CHECKED BY:	JJ	DATE:	AUGUST 2017
DATE:	AUGUST 2017	Revisions:	No.
DATE:		INIT:	
DATE:		APPR:	
DATE:			

10335 E. Dry Creek Rd.
Suite 410
Englewood, CO 80150
Tel: (720) 482-9526
Fax: (720) 482-9546

CVL
CONSULTANTS

ESX MANAGEMENT
7353 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FILM 6 CONSTRUCTION DRAWINGS
WATER DETAILS

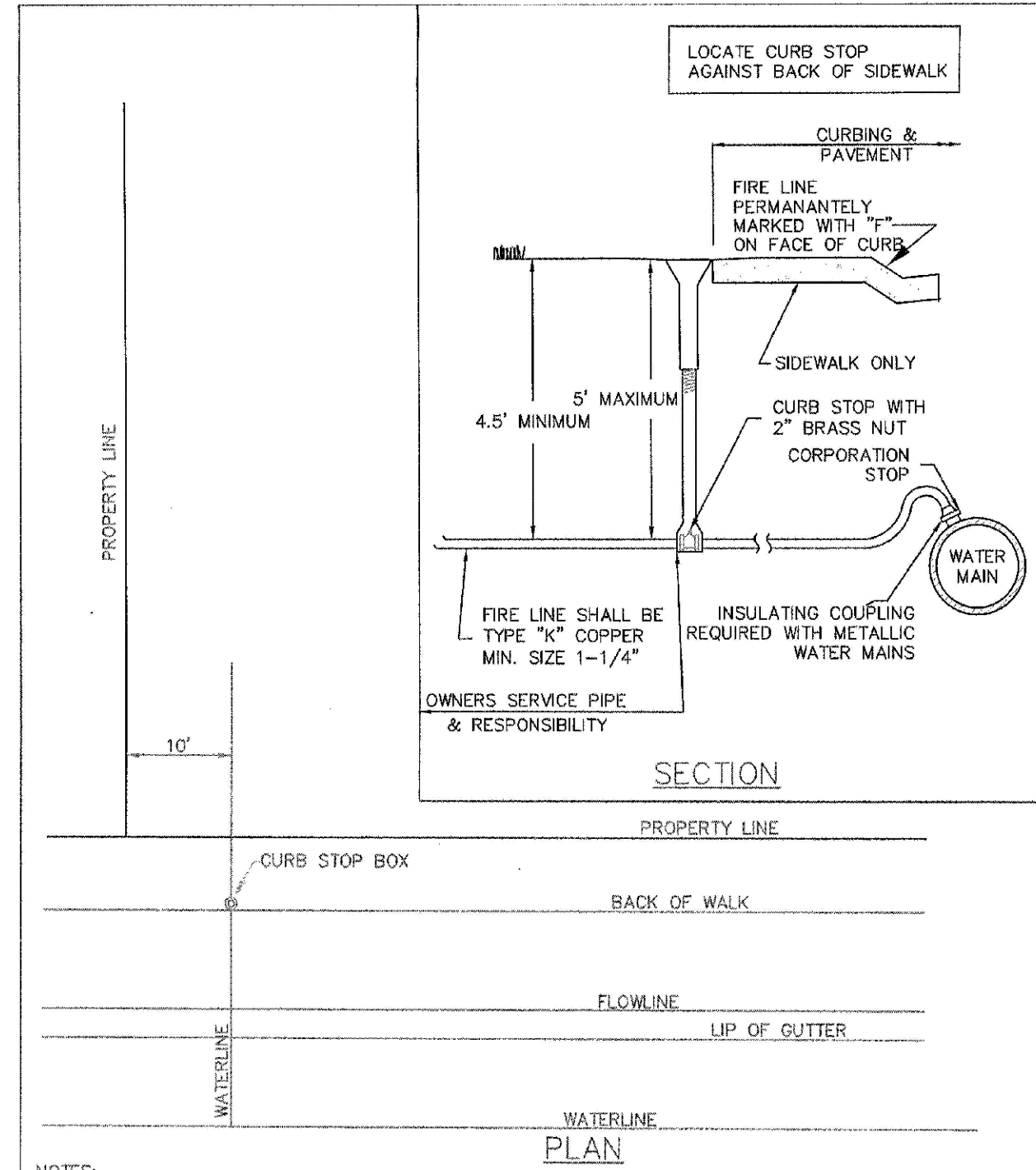


- NOTES:
1. ALL CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 PSI USING TYPE I PORTLAND CEMENT AND 3/4" AGGREGATE. ALL CONCRETE SHALL HAVE 5-7% ENTRAINED AIR CONTENT AND A MAXIMUM SLUMP OF 4".
 2. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
 3. ALL REINFORCEMENT SHALL HAVE 2" MIN. CONCRETE COVER.
 4. THE SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY PRIOR TO FORMING THE STRUCTURE.

PARKER WATER & SANITATION DISTRICT	
WATERLINE ENCASUREMENT	
SCALE: NONE	DATE: 5/08
APPROVED: JFN	
DISTRICT ENGINEER	

2008 REVISION

SHEET 70

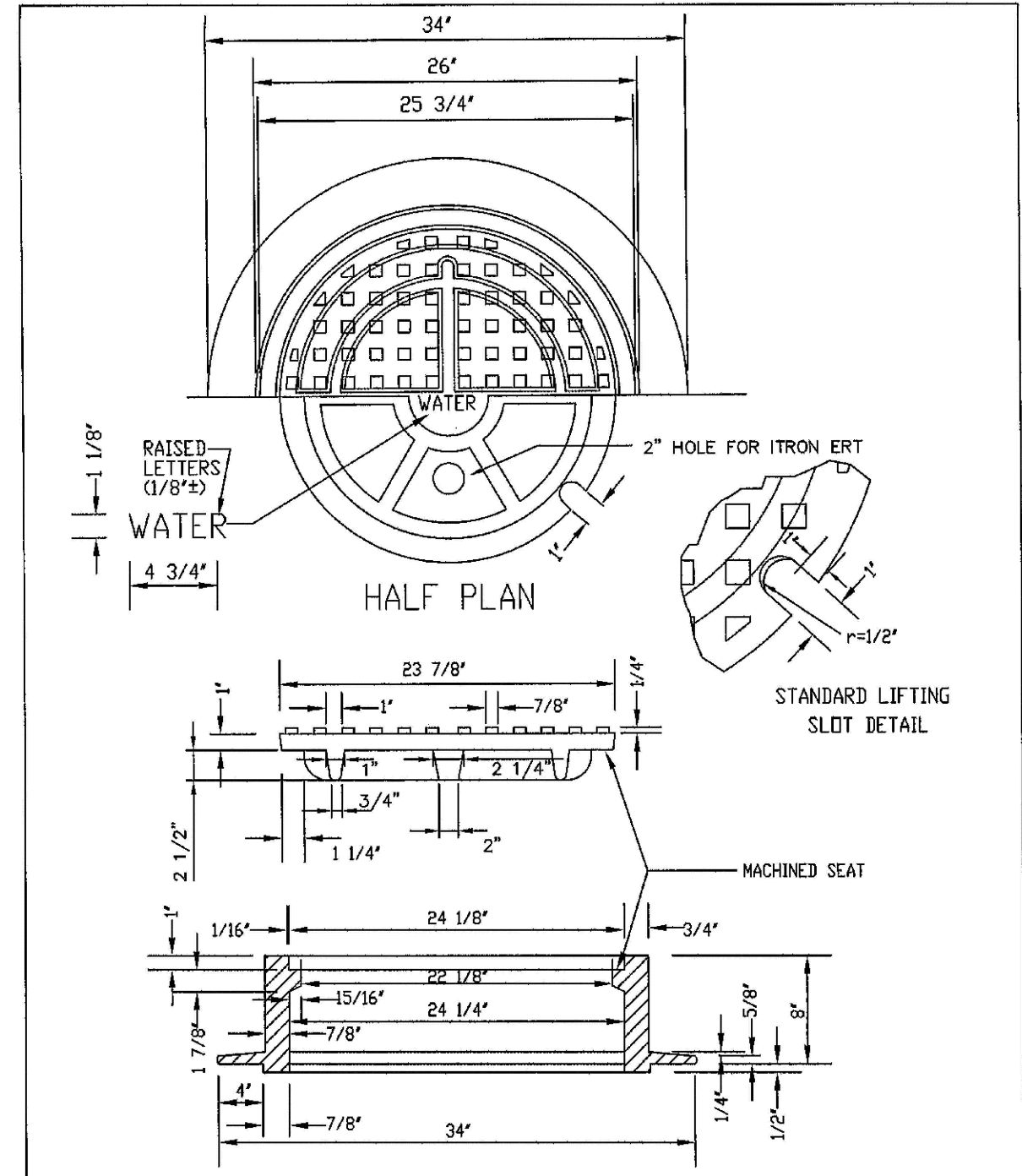


- NOTES:
1. AN "F" WILL BE PERMANENTLY MARKED ON CURB FACE OVER FIRE LINE.
 2. DOMESTIC WATER SERVICE SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET FROM THE FIRE LINE.
 3. SANITARY SEWER SERVICE SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET FROM THE WATER SERVICE (EITHER DOMESTIC OR FIRE LINE).

PARKER WATER & SANITATION DISTRICT	
RESIDENTIAL FIRE LINES	
SCALE: NONE	DATE: 6/09
APPROVED: RJG	2/00
DISTRICT ENGINEER	09/05
	12/07

2008 REVISION

SHEET 73



- NOTE:
1. Casting Specifications: ASTM A-48 With A Minimum Tensile Strength Of 22 KSI (Class 20)
 2. All Castings To Be Dipped In Asphalt Base Paint (Or Approved Equal).

PARKER WATER & SANITATION DISTRICT	
24" DIAMETER RING AND COVER	
SCALE: NONE	DATE: 6/06
APPROVED: JFN	12/07
DISTRICT ENGINEER	

2008 REVISION

SHEET 75

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CENTER OF COLORADO

SHEET NUMBER	DRAWN BY: JF	CHECKED BY: JJ	DATE: AUGUST 2017	SCALE:	AS SHOWN	FILE NO:	8130283701	TRAILS AT CROWFOOT	FILING 6 CONSTRUCTION DRAWINGS	WATER DETAILS	ESX MANAGEMENT	7353 South Alton Way	CENTENNIAL, CO 80112		10338 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546
				NO. REVISIONS	DATE	INIT.	APPR.	DATE							

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