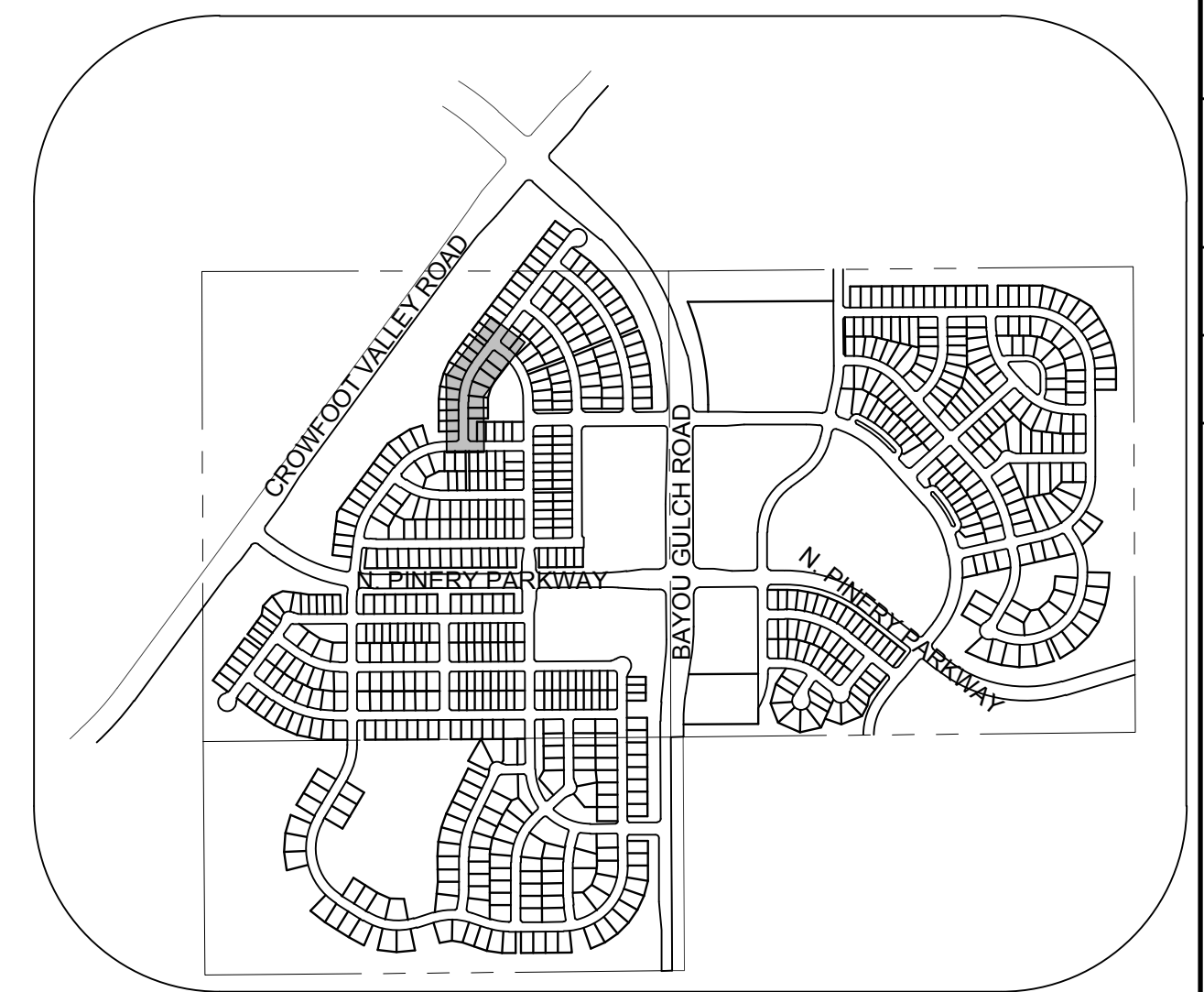
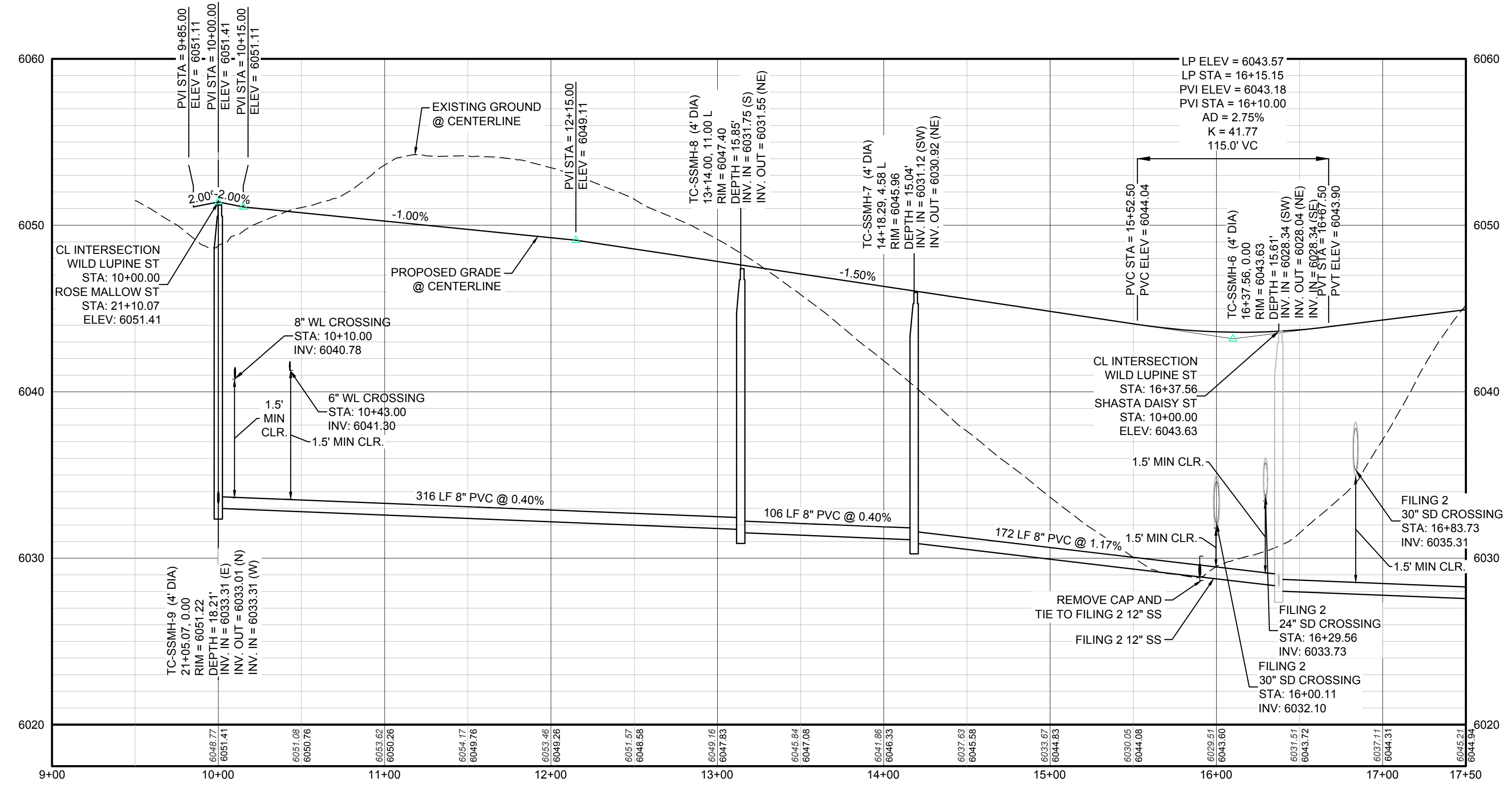


PLAN: WILD LUPINE ST STA: 9+00.00 TO 17+50.00
HORIZONTAL SCALE: 1" = 50'



KEYMAP
N.T.S.



PROFILE: WILD LUPINE ST STA: 9+00.00 TO 17+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	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	---	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
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EP	EDGE OF PAVEMENT	RCBC	REINFORCED CONCRETE BOX CULVERT
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FG	FINISHED GROUND	SD	STORM DRAIN
FL	FLOW LINE	SL	SECTION LINE
GV	GATE VALVE	SS	SANITARY SEWER
HA	HYDRANT ASSEMBLY	STA	STATION
HCR	HANDICAP CURB RAMP	T.O.P.	TOP OF PIPE
HP	HIGH POINT	UE	UTILITY EASEMENT
INV	INVERT	VC	VERTICAL CURVE
K	CURVATURE COEFFICIENT	WL	WATER LINE
LF	LINEAR FEET	WSE	WATER SURFACE ELEVATION
MH	MANHOLE		

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Fax: (720) 482-9546

CVL
CONSULTANTS

ESX MANAGEMENT
7353 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FILING 3 CONSTRUCTION DRAWINGS
SANITARY SEWER PLAN AND PROFILE
WILD LUPINE ST

SCALE: AS SHOWN
FILE NO: 8130283701

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

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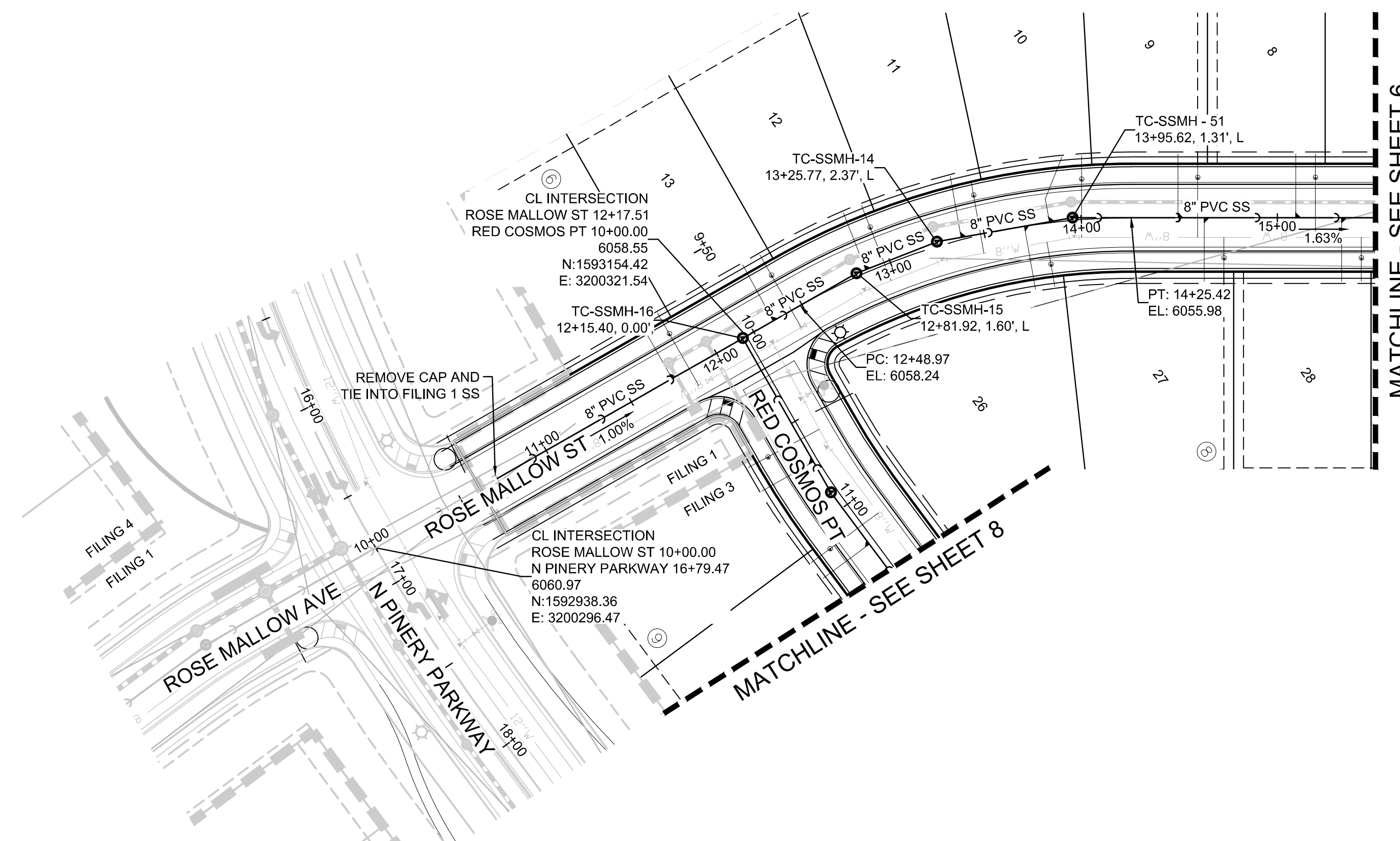
BENCHMARK
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 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.

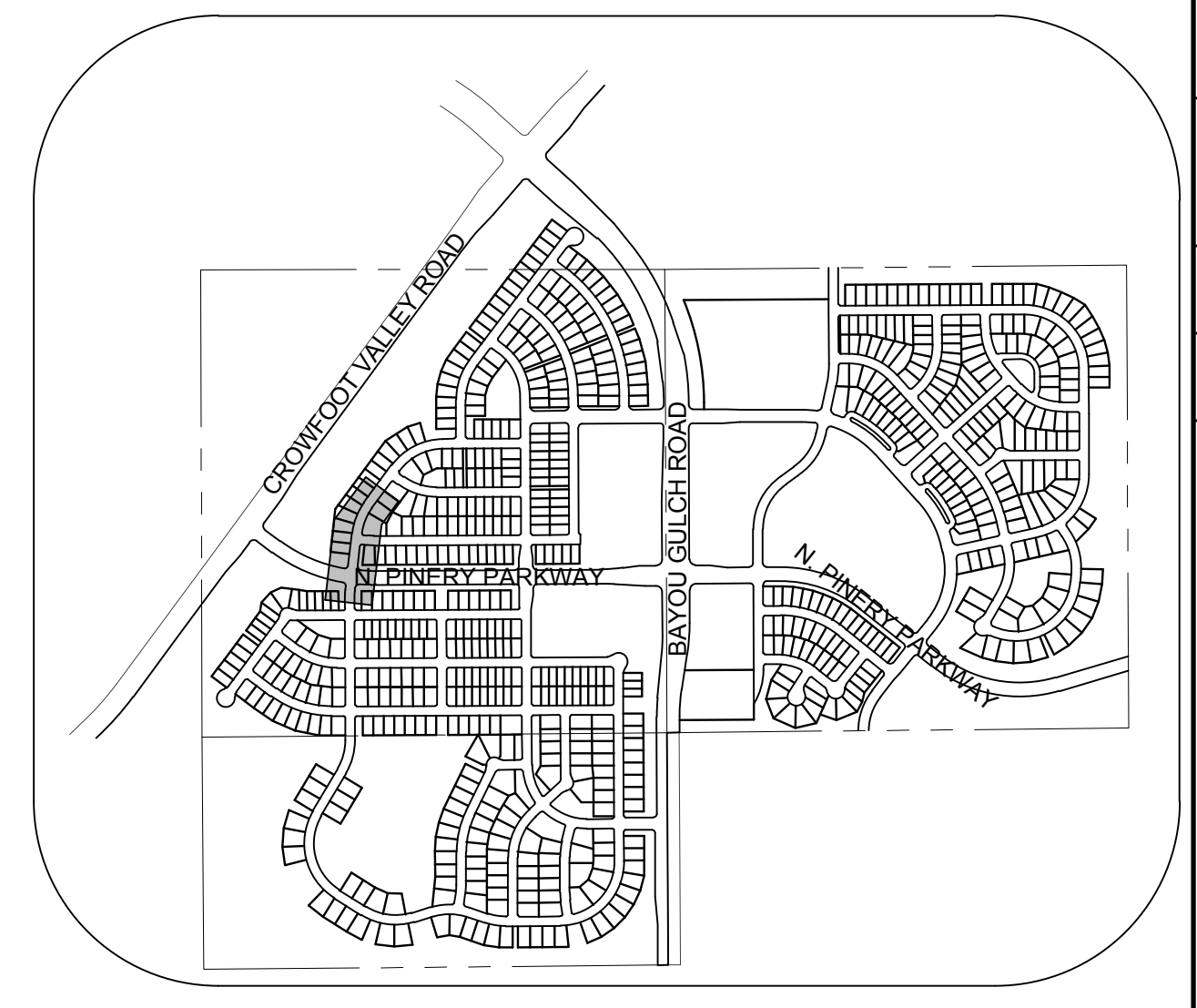
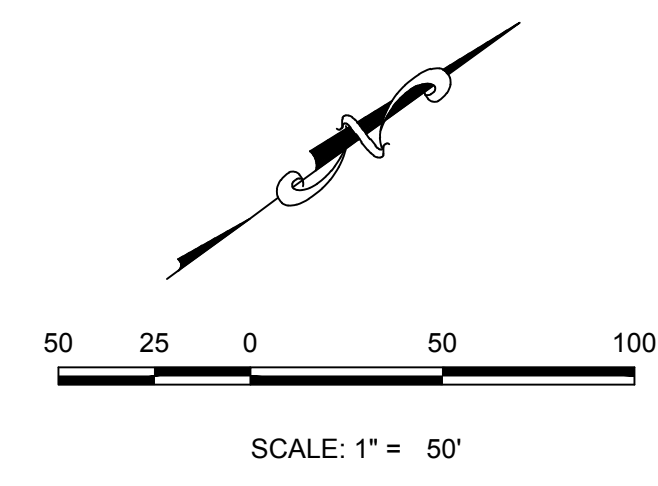
PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

SHEET NUMBER
4



PLAN: ROSE MALLOW ST STA: 9+50.00 TO 15+50.00
HORIZONTAL SCALE: 1" = 50'



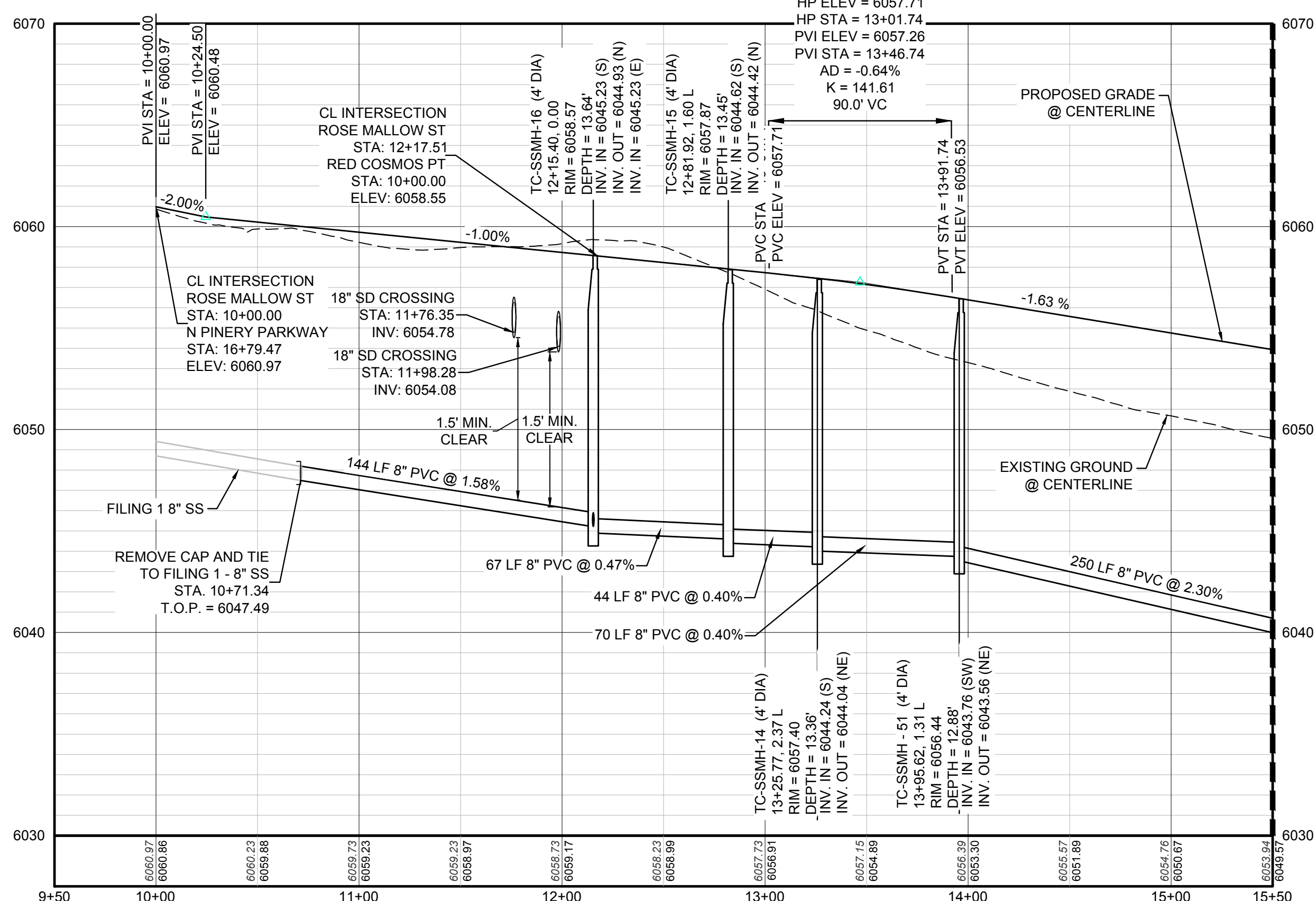
KEYMAP
N.T.S.

LEGEND

⊙	BLOCK NUMBER	△	PROPOSED RANGE POINT
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Ⓟ	PROPOSED CAP WITH END OF LINE BLOWOFF	---	EDGE OF PAVEMENT
Ⓡ	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
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Ⓞ	EXISTING FIRE HYDRANT	---	PROPOSED WATER LINE
Ⓟ	PROPOSED LIGHT POLE	---	PROPOSED WATER LATERAL W/ METER
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10.00	EXISTING ELEVATION	---	FILING BOUNDARY
10.00	PROPOSED DESIGN ELEVATION	---	FO
Ⓢ	PROPOSED STORM DRAIN INLET	---	EXISTING FIBER OPTIC LINE
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ABBREVIATIONS

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PROFILE: ROSE MALLOW ST STA: 9+50.00 TO 15+50.00
HORIZONTAL: 1" = 50'
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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.

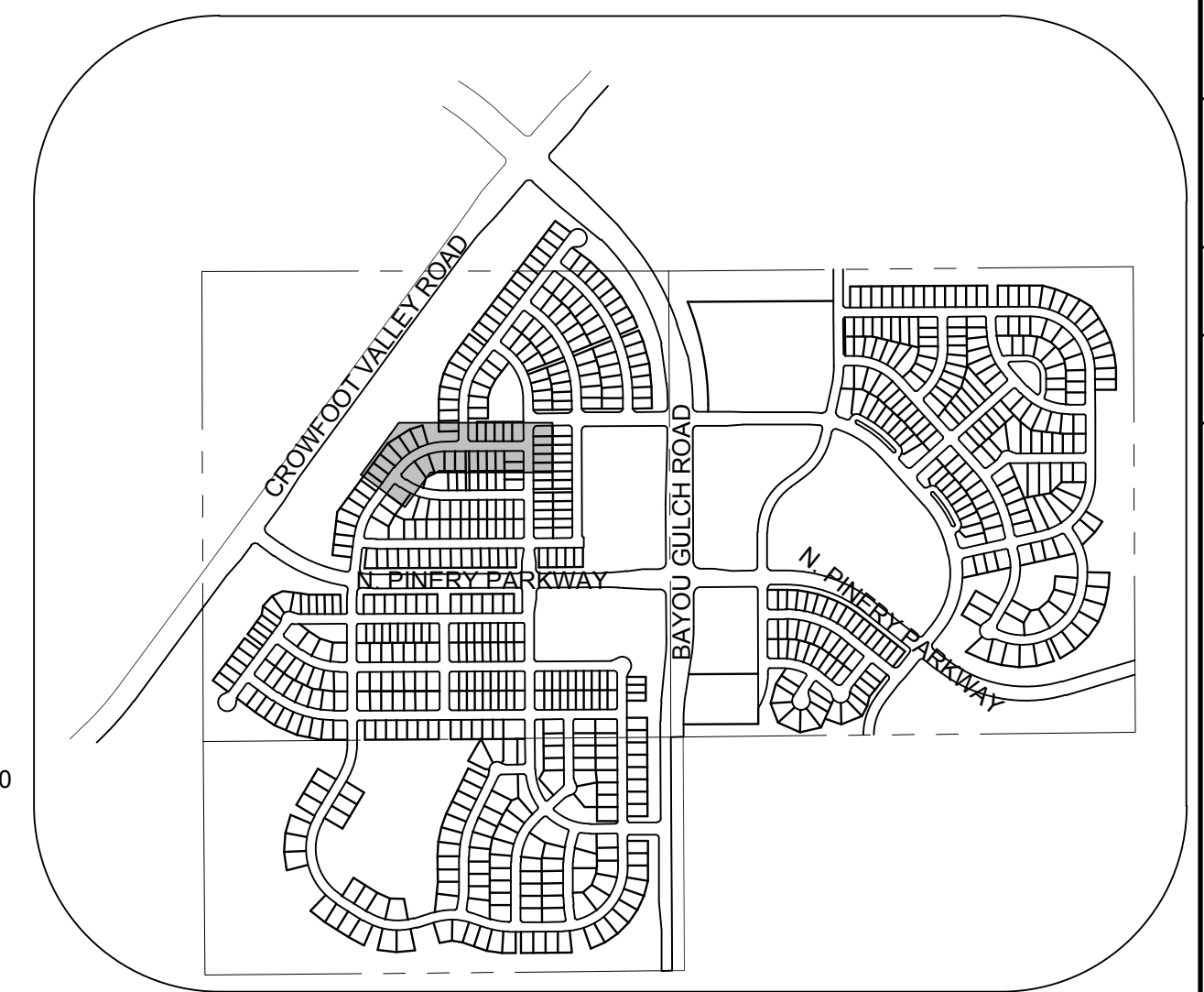
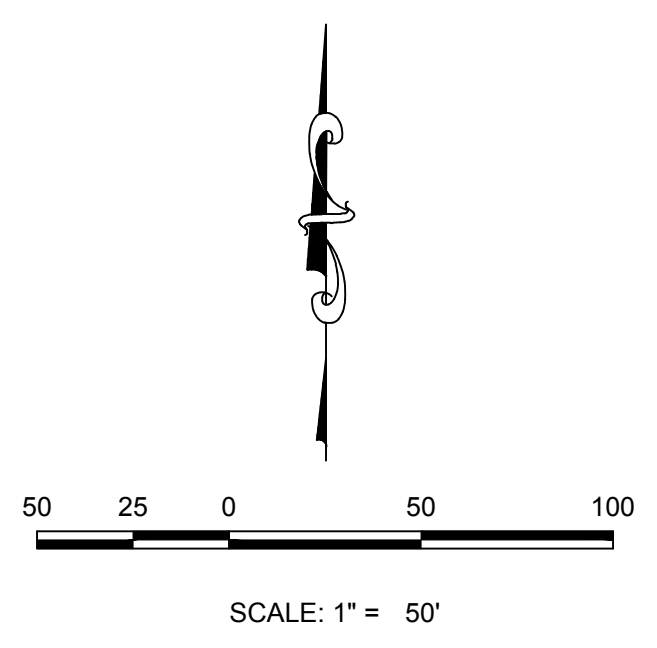
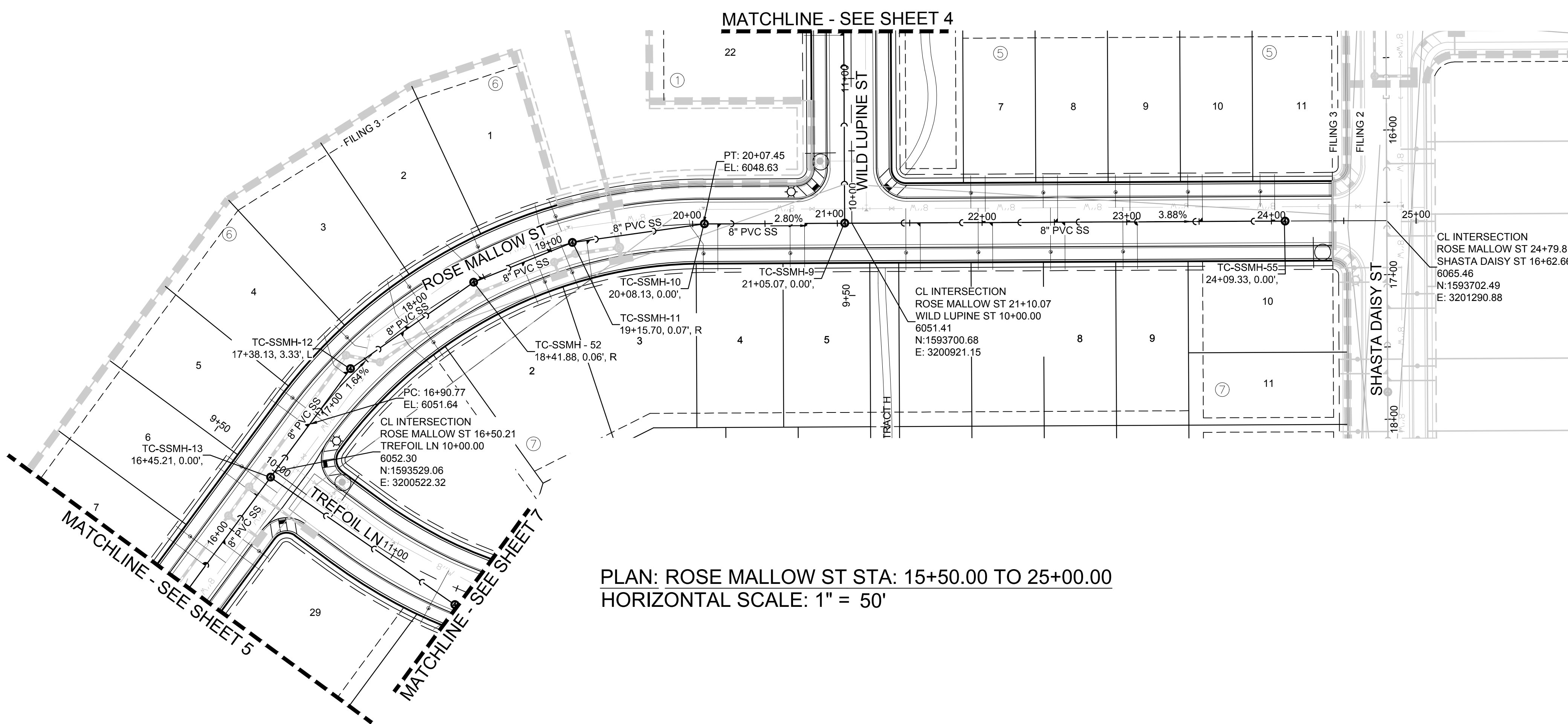
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PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

SHEET NUMBER	DRAWN BY: JLR	SCALE: AS SHOWN	DATE: APRIL 2017	Date
			CHECKED BY: JJJ	
5	DATE: APRIL 2017	SCALE: AS SHOWN	FILE NO: 8130283701	Revisions
				Appr.
<p>EX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112</p>				<p>10339 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9548</p>
<p>TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS SANITARY SEWER PLAN AND PROFILE ROSE MALLOW ST</p>				<p>CVL CONSULTANTS</p>

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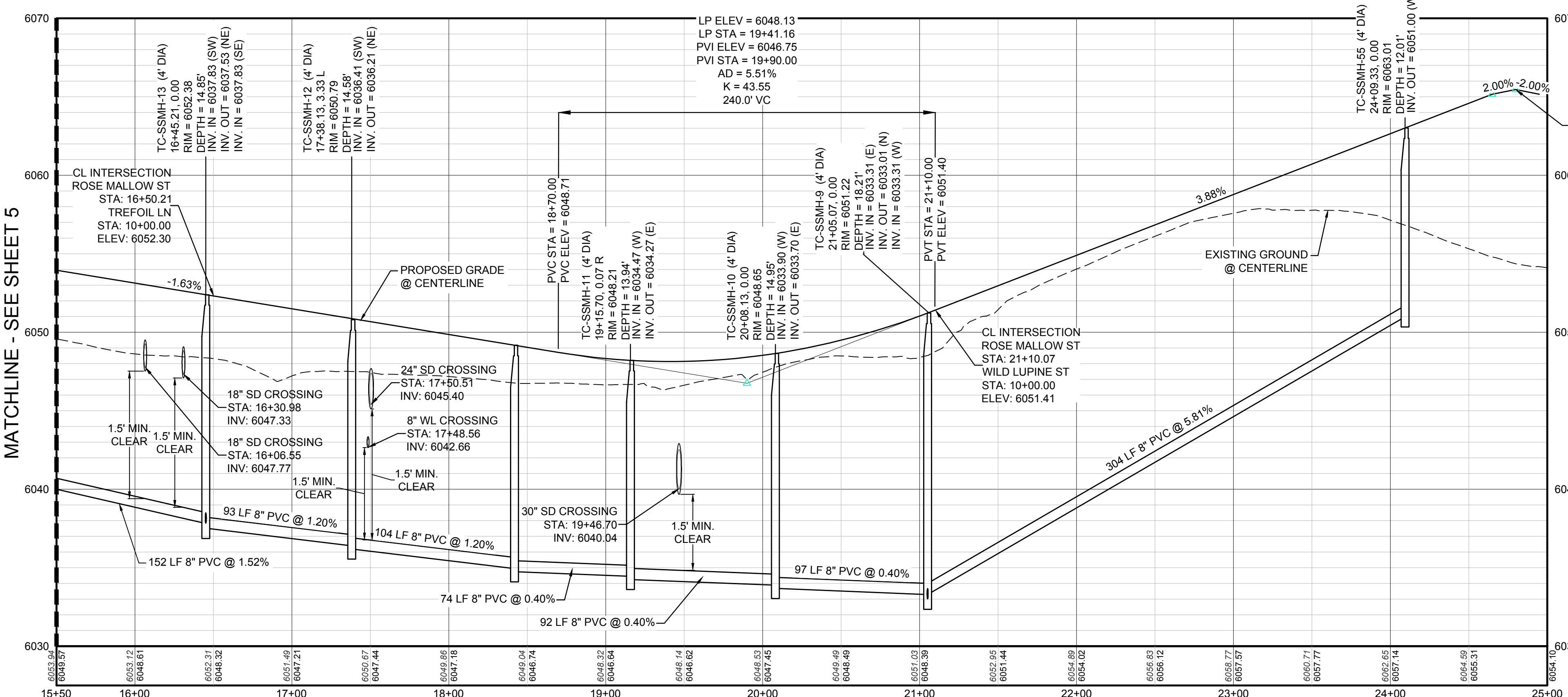
KEYMAP
N.T.S.

LEGEND

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PROFILE: ROSE MALLOW ST STA: 15+50.00 TO 25+00.00
HORIZONTAL: 1" = 50'
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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.

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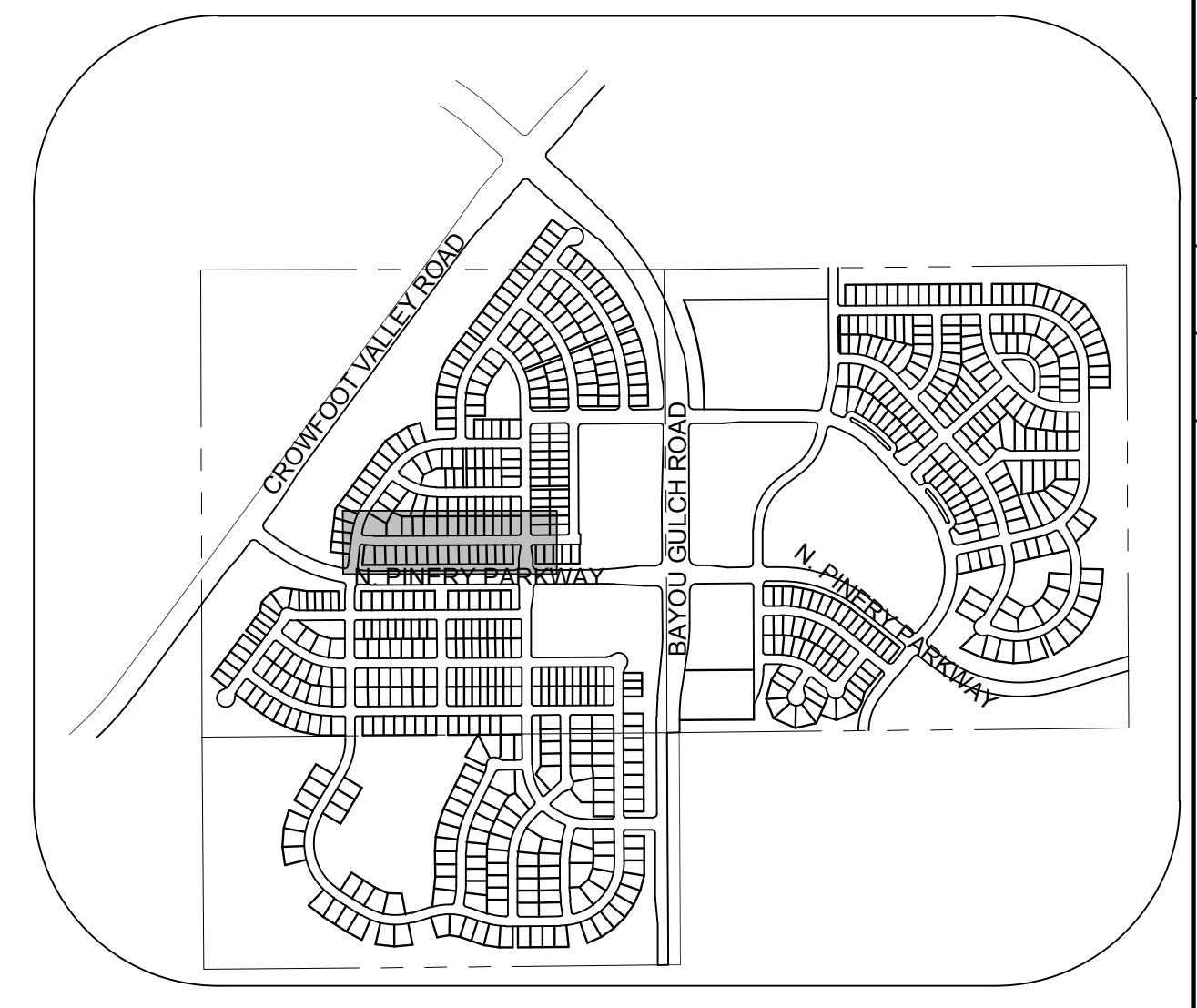
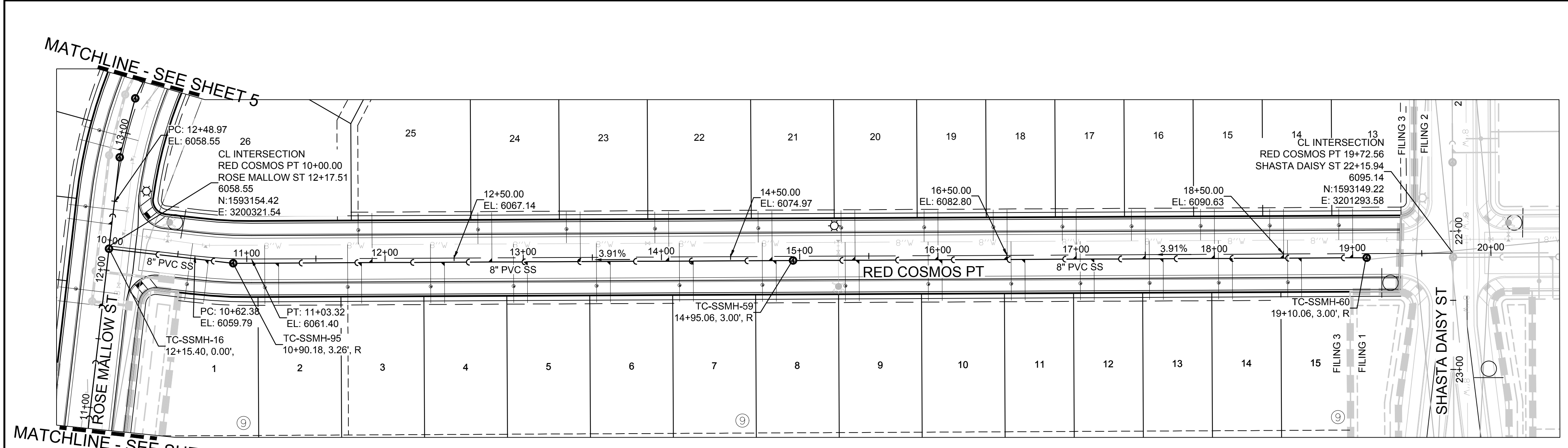
PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

N:\PROJECTS\SS\BENCH\ENGINEERING\SS\BENCH\WATER AND SANITATION\SANITARY PLAN AND PROFILES\ROSE MALLOW ST SANITARY DWG_KYLEM_8/7/2017 12:20 PM

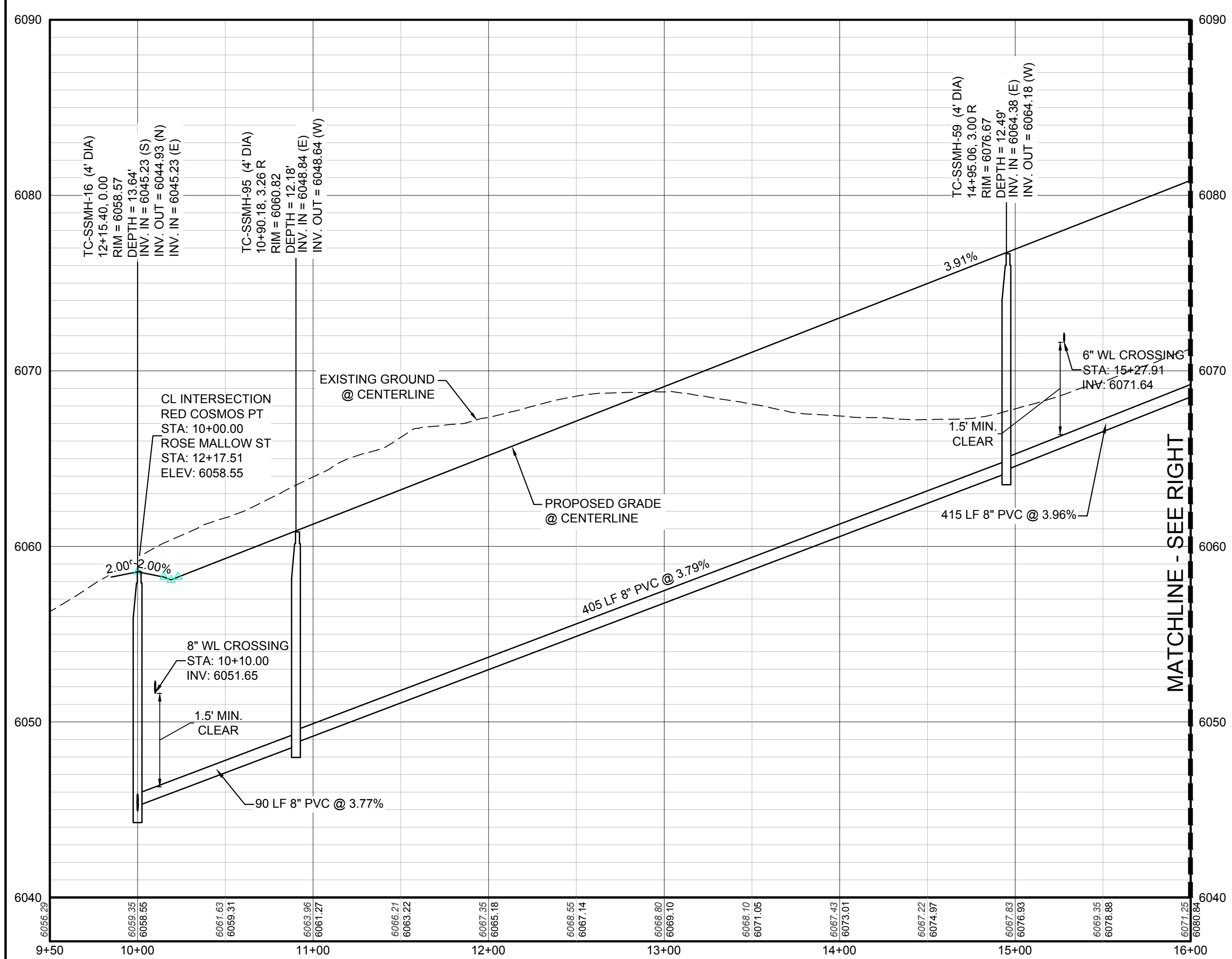
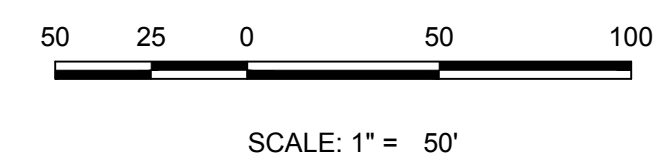
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SHEET NUMBER	DRAWN BY: JR	SCALE: AS SHOWN	CHECKED BY: JU	DATE: APRIL 2017	Revisions	Date	Appr.	Date
					No.			
6	EX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112				TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS SANITARY SEWER PLAN AND PROFILE ROSE MALLOW ST			
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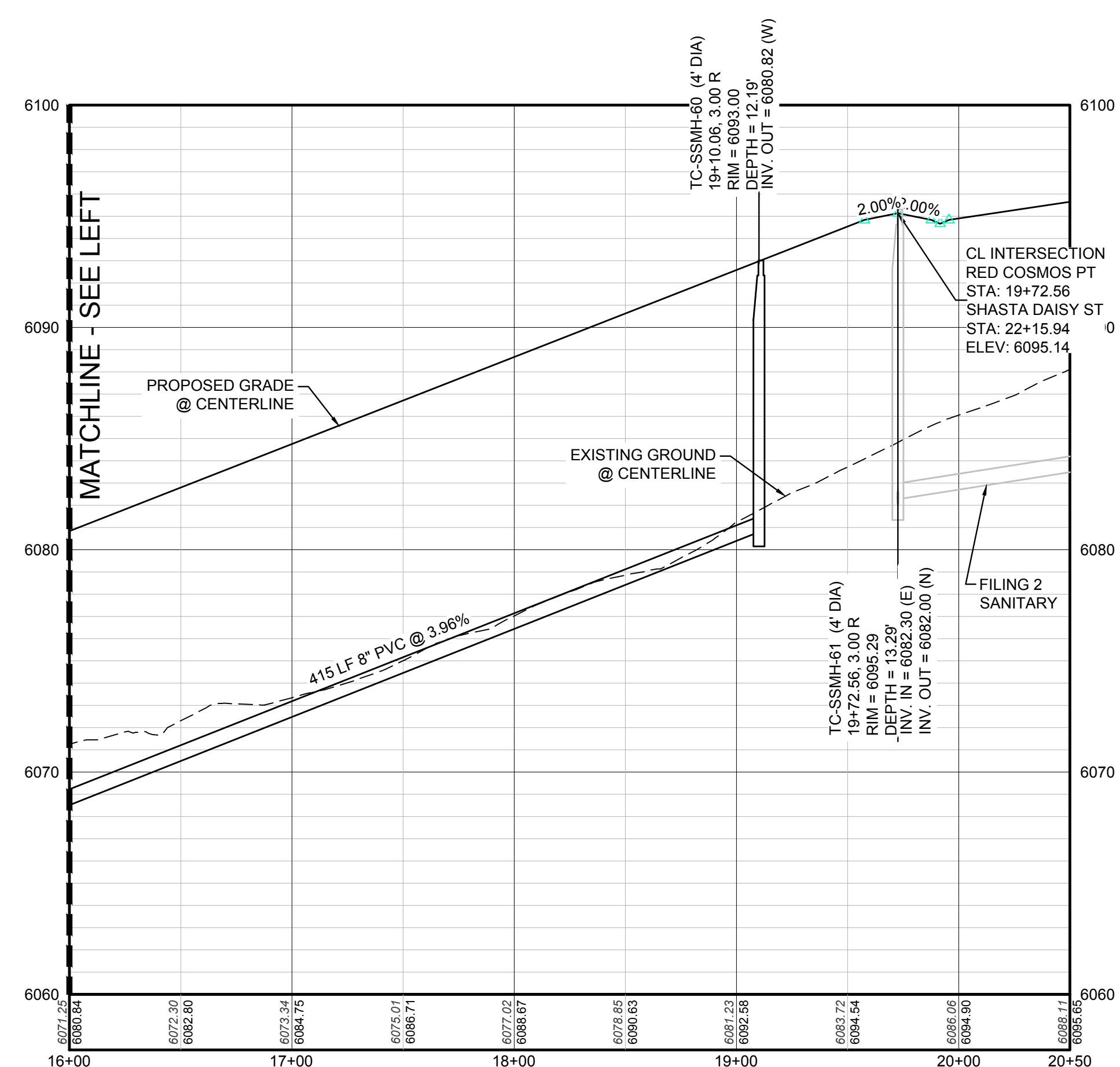


KEYMAP
N.T.S.

PLAN: RED COSMOS POINT STA: 9+50.00 TO 20+50.00
HORIZONTAL SCALE: 1" = 50'



PROFILE: RED COSMOS PT STA: 9+50.00 TO 16+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



PROFILE: RED COSMOS PT STA: 16+00.00 TO 20+50.00
HORIZONTAL: 1" = 50'
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LEGEND

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	LOT TYPE		CENTERLINE
	LOT NUMBER		RIGHT-OF-WAY
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	PROPOSED CAP WITH END OF LINE BLOWOFF		EDGE OF PAVEMENT
	PROPOSED REDUCER		PROPOSED DIRECTION OF FLOW
	PROPOSED VALVE		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
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	EXISTING BLOW OFF VALVE		PROPOSED SEWER LINE WITH MANHOLE
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	EXISTING FIRE HYDRANT		PROPOSED WATER LINE
	PROPOSED LIGHT POLE		PROPOSED WATER LINE LATERAL W/ METER
	PROPOSED SIDEWALK		EXISTING 60" RAW WATER LINE
	PROPOSED SIDEWALK RAMP		SECTION LINE
	EXISTING ELEVATION 10.00		FILING BOUNDARY
	PROPOSED DESIGN ELEVATION 10.00		EXISTING FIBER OPTIC LINE
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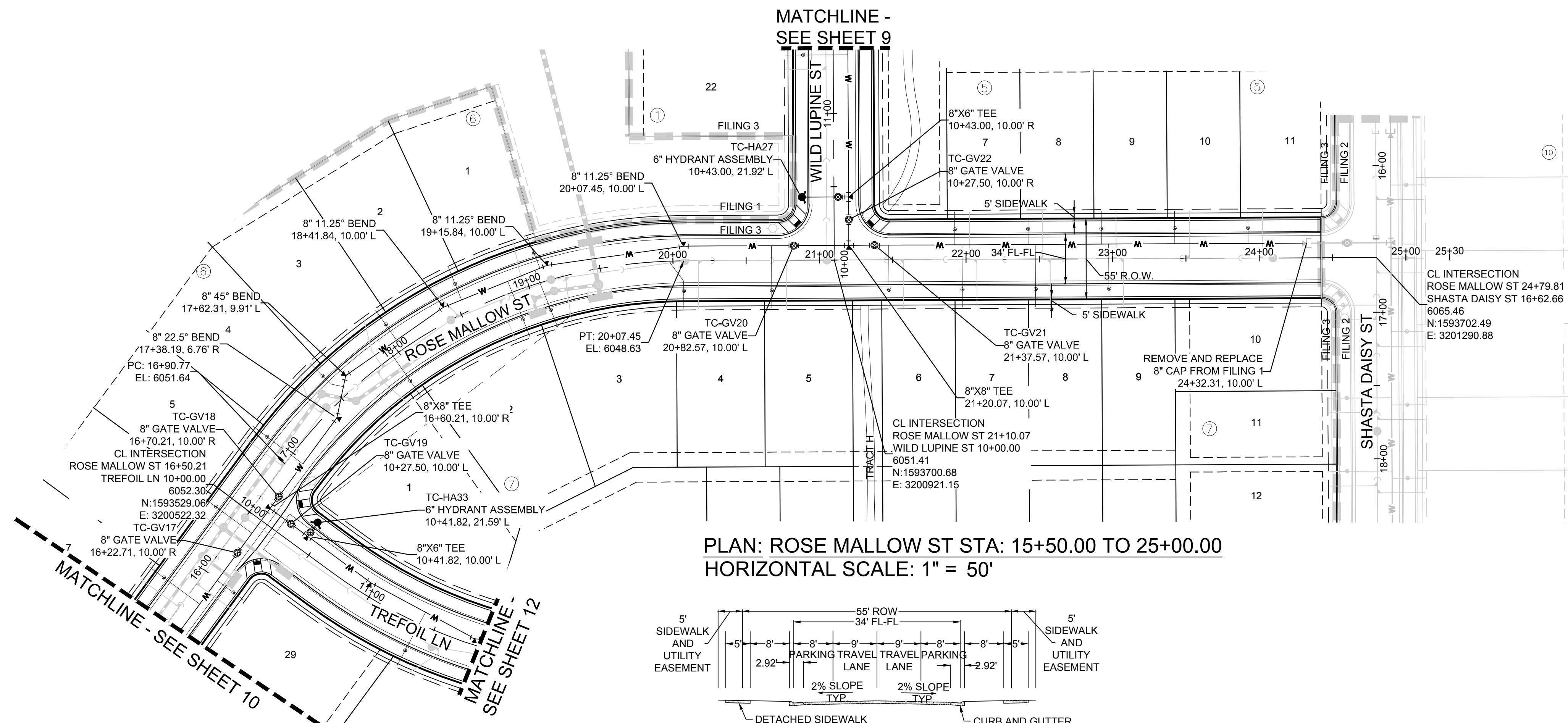
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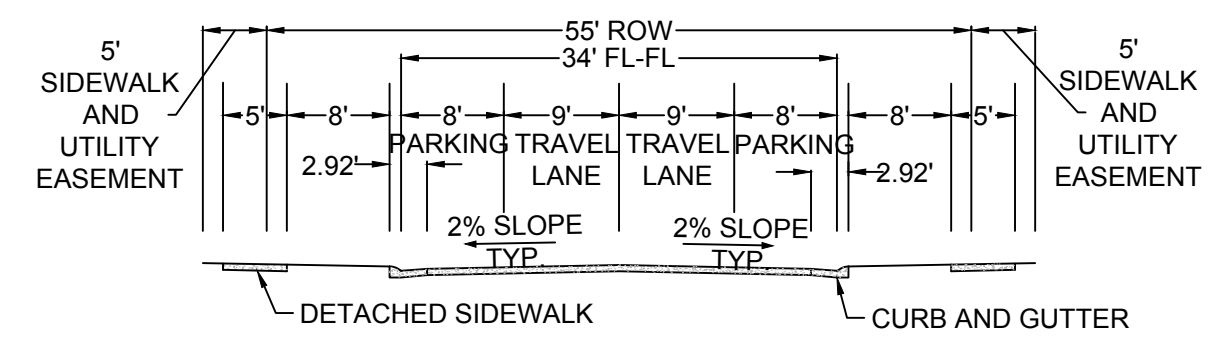
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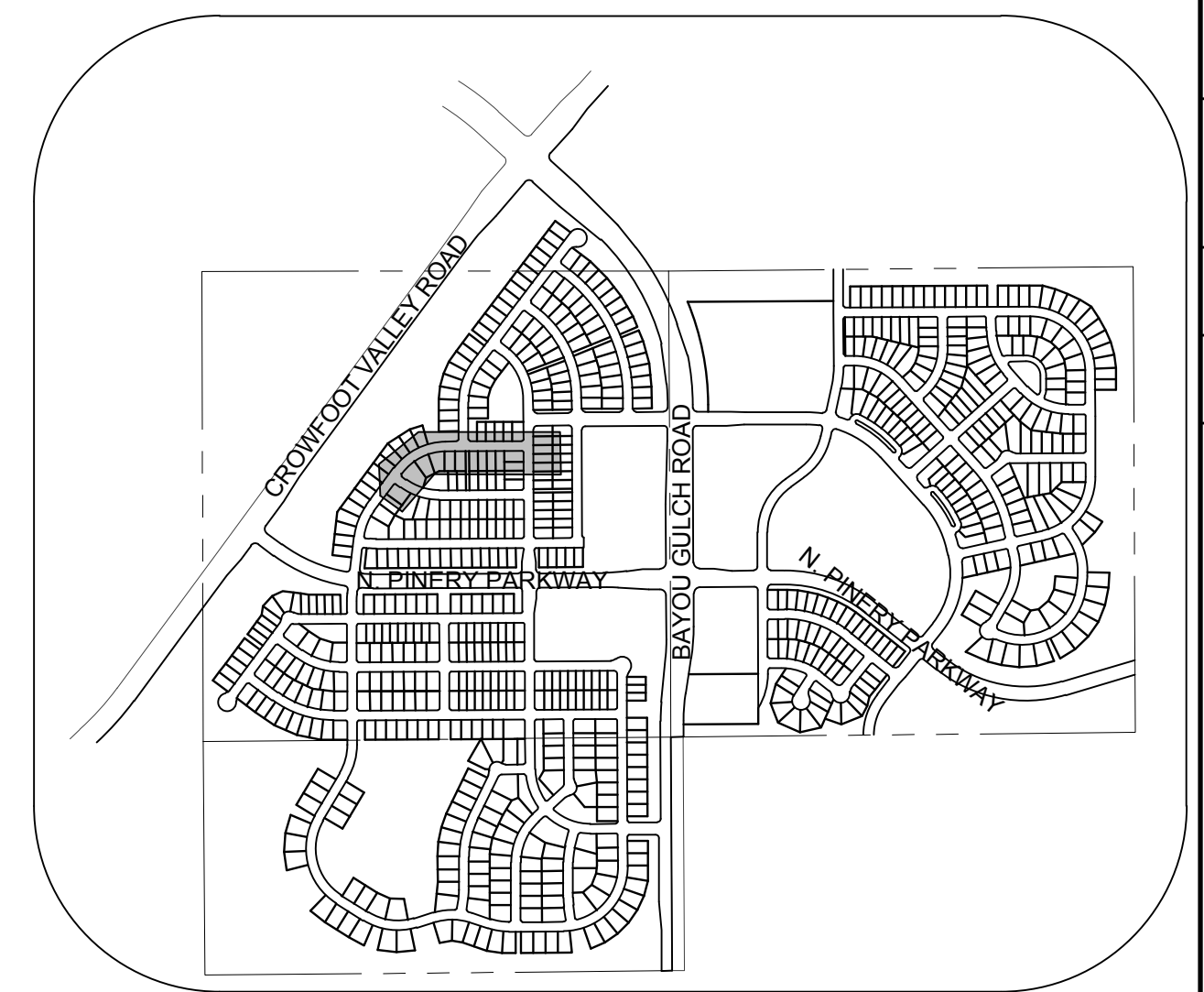
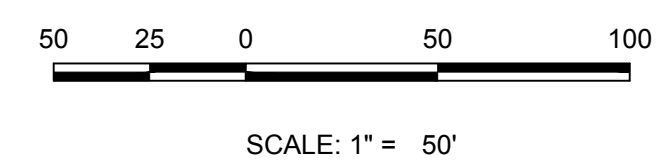
10338 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9548	CVL CONSULTANTS	ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112	TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS SANITARY SEWER PLAN AND PROFILE RED COSMOS POINT	SCALE: AS SHOWN FILE NO: 8130283701	DRAWN BY: KJD CHECKED BY: JJJ DATE: APRIL 2017	SHEET NUMBER: 8	Revisions	Date	Appr.	Date
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PLAN: ROSE MALLOW ST STA: 15+50.00 TO 25+00.00
HORIZONTAL SCALE: 1" = 50'



RESIDENTIAL LOCAL

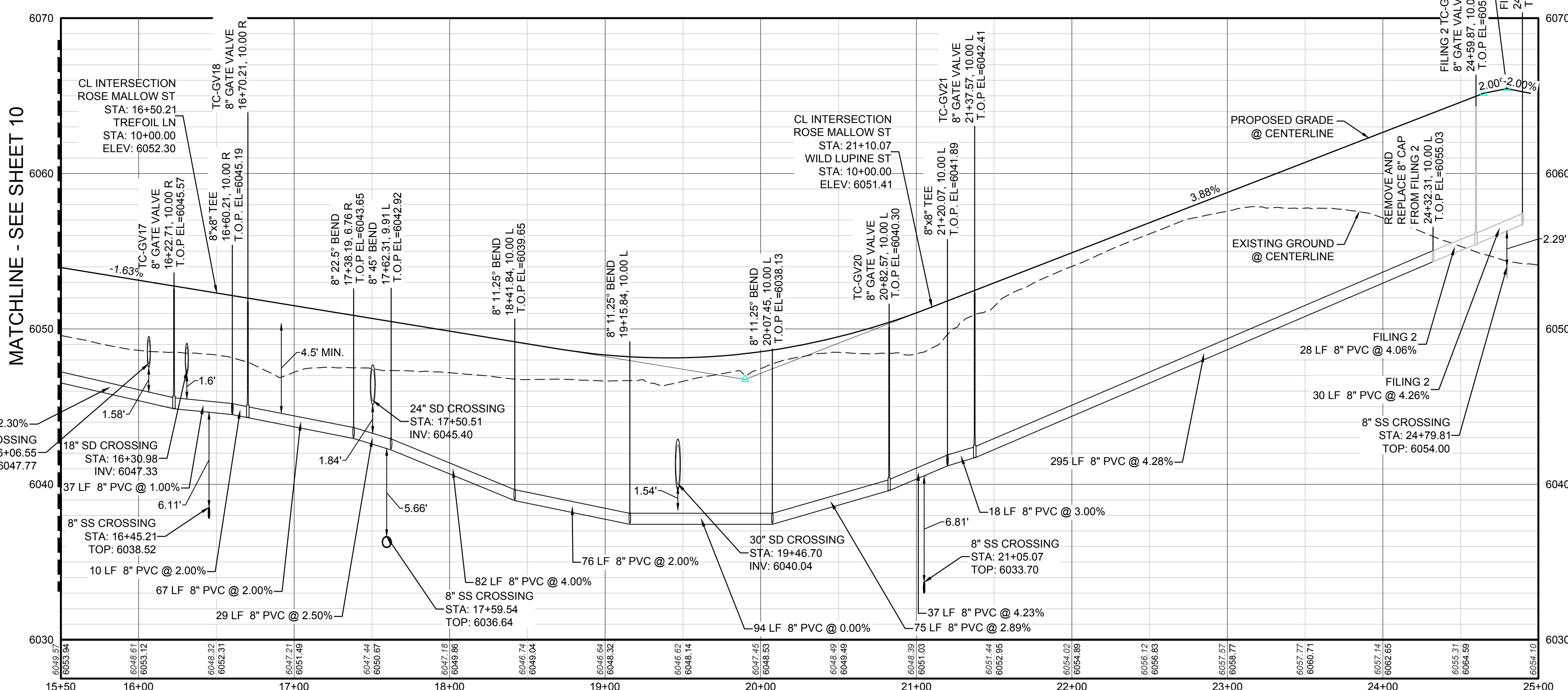


KEYMAP
N.T.S.
LEGEND

②	BLOCK NUMBER	△	PROPOSED RANGE POINT
Ⓐ	LOT TYPE	---	CENTERLINE
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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	RCP	REINFORCED CONCRETE PIPE
EVC	END VERTICAL CURVE	CULVERT	CULVERT
EVP	END VERTICAL PROFILE	RCP	REINFORCED CONCRETE PIPE
FG	FINISHED GROUND	ROW	RIGHT OF WAY
FL	FLOW LINE	SD	STORM DRAIN
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	UC	UTILITY EASEMENT
K	CURVATURE COEFFICIENT	VC	VERTICAL CURVE
LF	LINEAR FEET	WL	WATER LINE
MH	MANHOLE	WSE	WATER SURFACE ELEVATION



PROFILE: ROSE MALLOW ST STA: 15+50.00 TO 25+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

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.

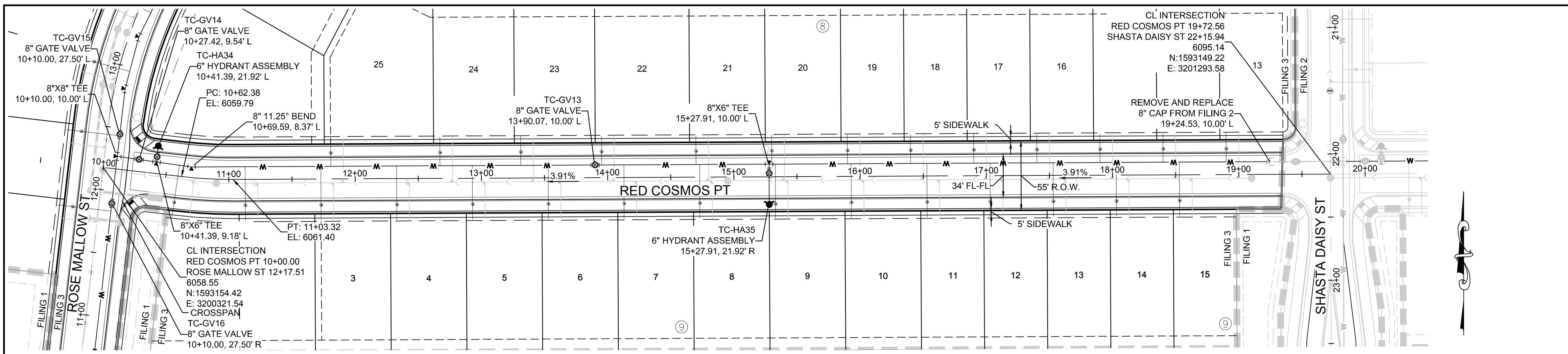
BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06"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

PREPARED UNDER THE SUPERVISION OF

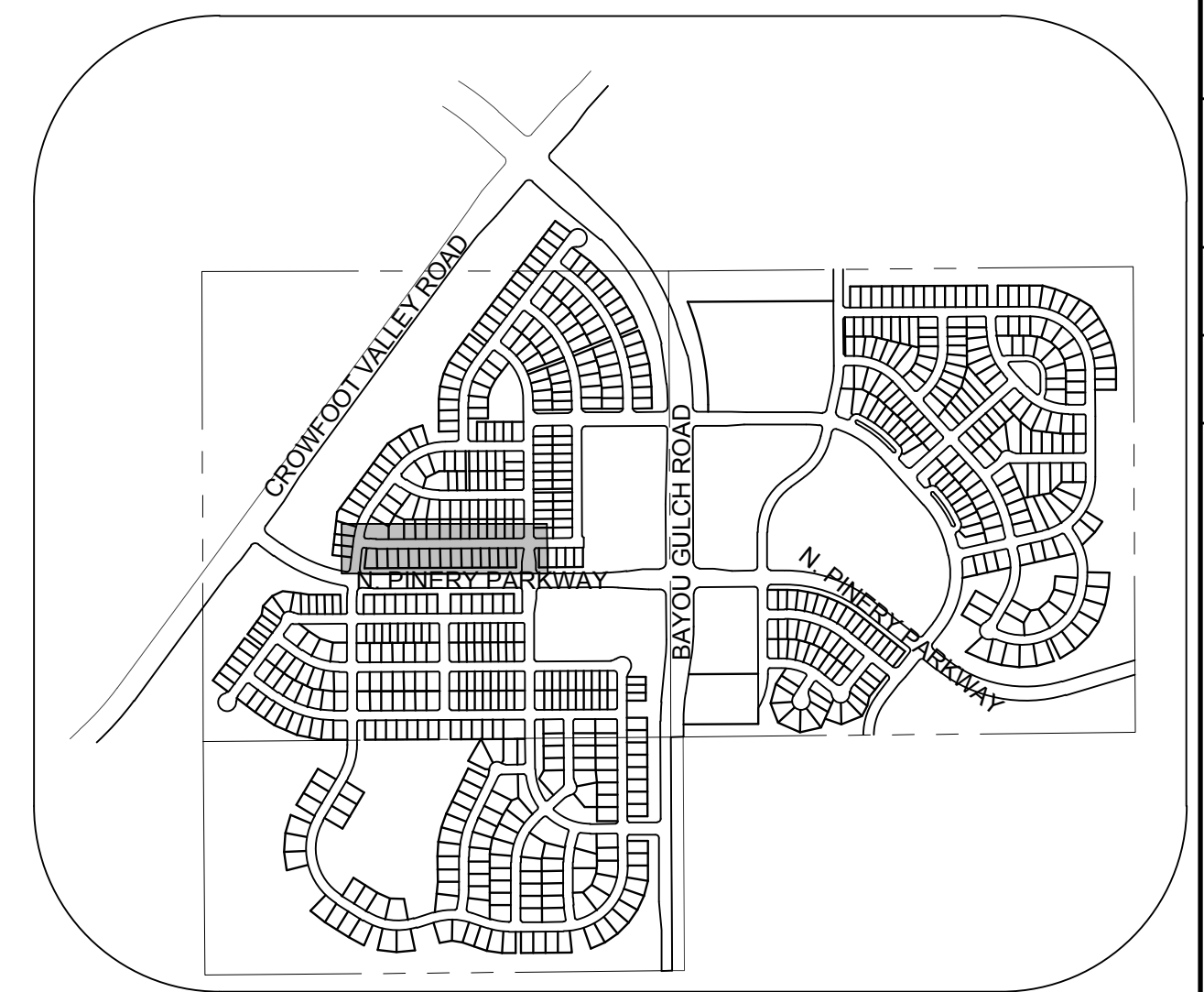
BRIAN P. WILSON
COLORADO P.E. 0050067

SHEET NUMBER	DRAWN BY: RHR	SCALE: AS SHOWN	CHECKED BY: JU	DATE: APRIL 2017	Revisions	Appr.	Date
					No.		
11	PROJECT: SHESS RANCH/CADEN ENGINEERING SHEET SET/DIG/S/PARKER WATER AND SANITATION/WATER PLAN AND PROFILE/ROSE MALLOW STREET WATER/DWG. KYLEM, 8/7/2017 12:38 PM				EXS MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112		
	TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS WATER PLAN & PROFILE ROSE MALLOW STREET				CVL CONSULTANTS 10338 E. Dry Creek Rd. Suite 6410 Englewood, Colorado 80150 Tel: (720) 482-9526 Fax: (720) 482-9548		

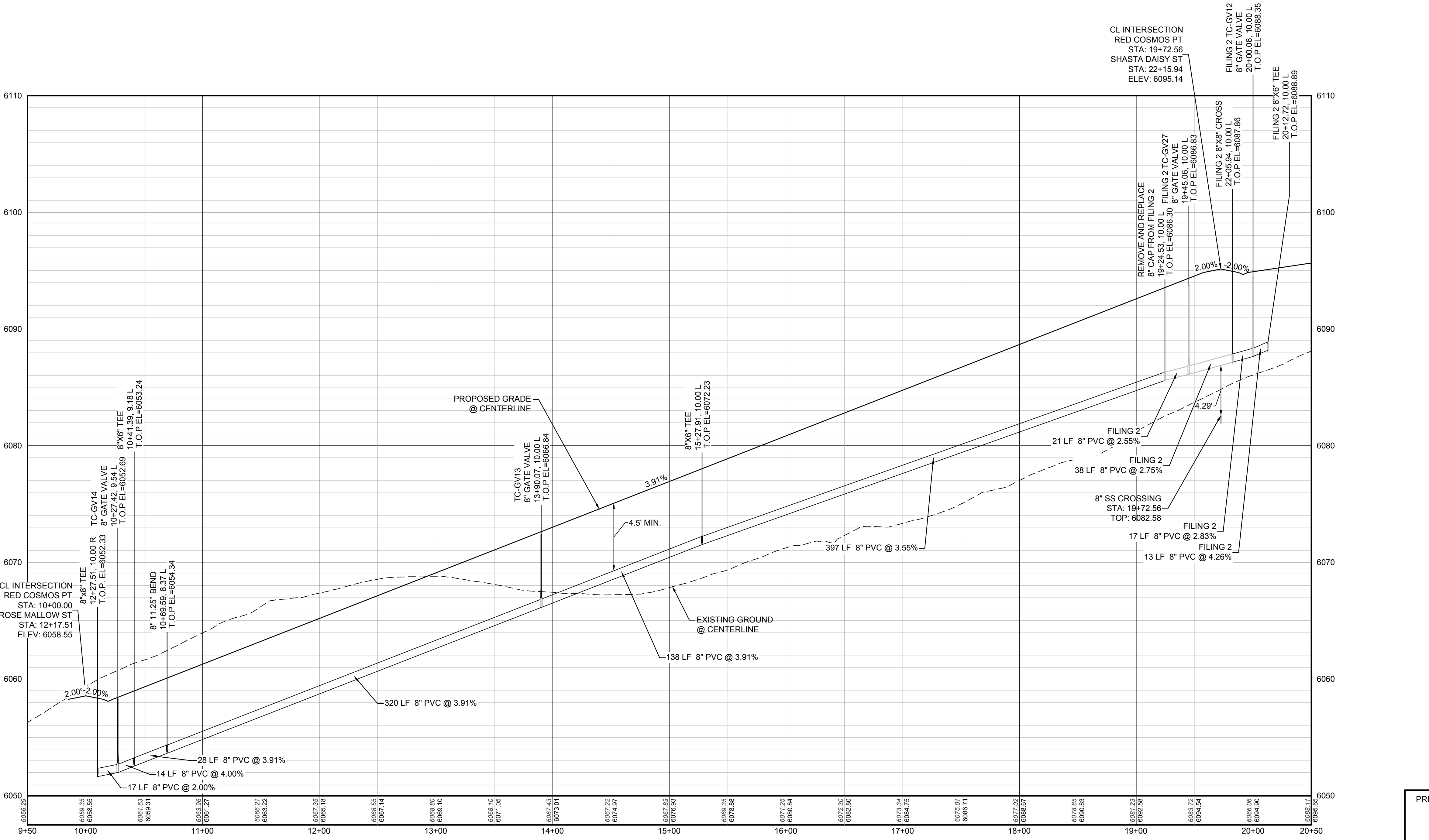
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PLAN: RED COSMOS PT STA: 9+50.00 TO 20+50.00
HORIZONTAL SCALE: 1" = 50'



KEYMAP
N.T.S.



PROFILE: RED COSMOS PT STA: 9+50.00 TO 20+50.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

LEGEND

	BLOCK NUMBER		PROPOSED RANGE POINT
	LOT TYPE		CENTERLINE
	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		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
	EXISTING ELEVATION		FILING BOUNDARY
	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	SL	SECTION LINE
GV	GATE VALVE	SS	SANITARY SEWER
HA	HYDRANT ASSEMBLY	STA	STATION
HCR	HANDICAP CURB RAMP	T.O.P.	TOP OF PIPE
HP	HIGH POINT	UE	UTILITY EASEMENT
INV	INVERT	VC	VERTICAL CURVE
K	CURVATURE COEFFICIENT	WL	WATER LINE
LF	LINEAR FEET	WSE	WATER SURFACE ELEVATION
MH	MANHOLE		

PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

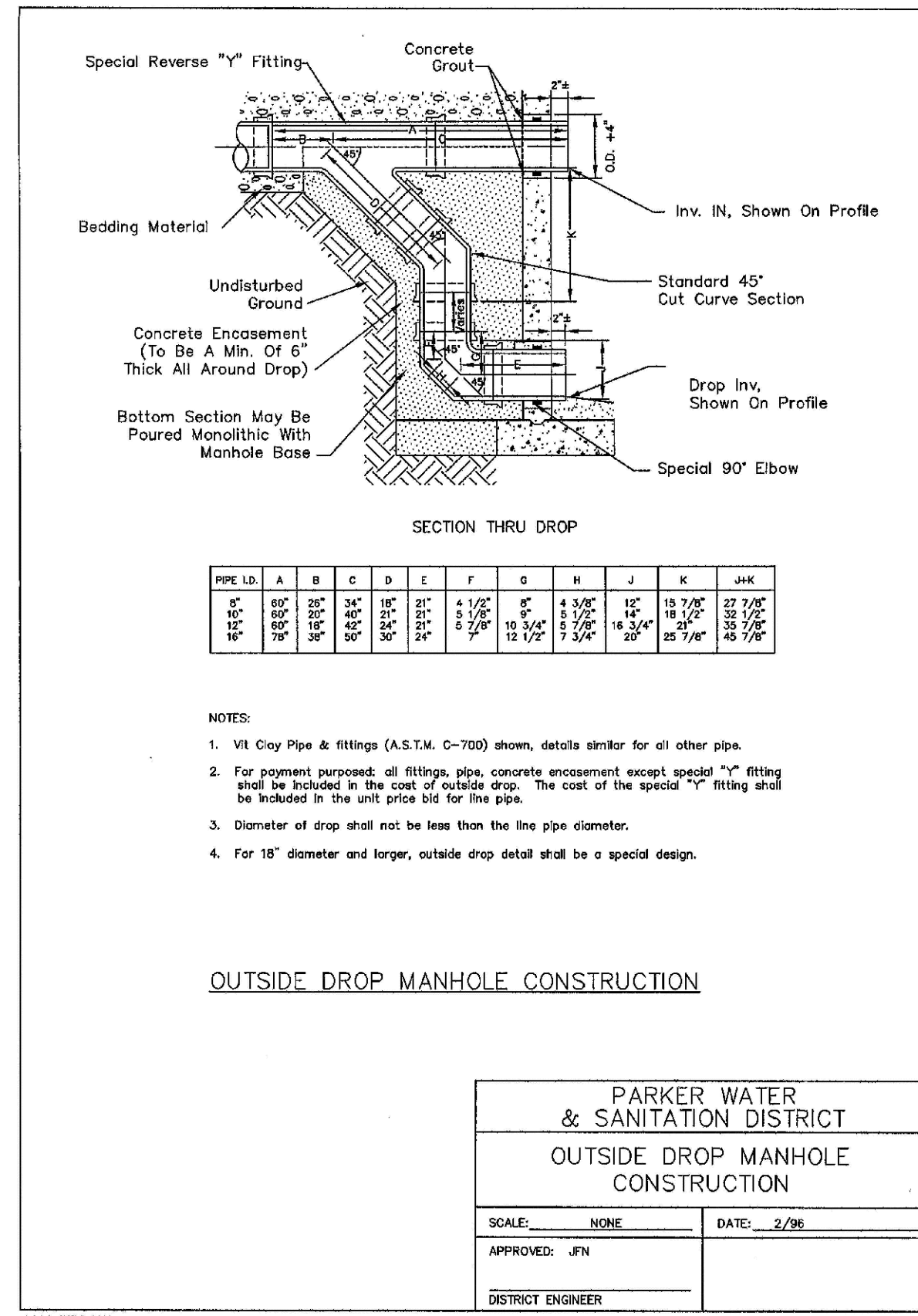
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CENTER OF COLORADO

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:
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SHEET NUMBER	DRAWN BY: RHR	SCALE: AS SHOWN	CHECKED BY: JJ	DATE: APRIL 2017	NO.	Revisions	Appr.	Date
13	TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS WATER PLAN & PROFILE RED COSMOS POINT				ES&S MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112			
	10338 E. Dry Creek Rd. Suite 410 Englewood, CO 80151 Tel: (720) 482-9526 Fax: (720) 482-9546							

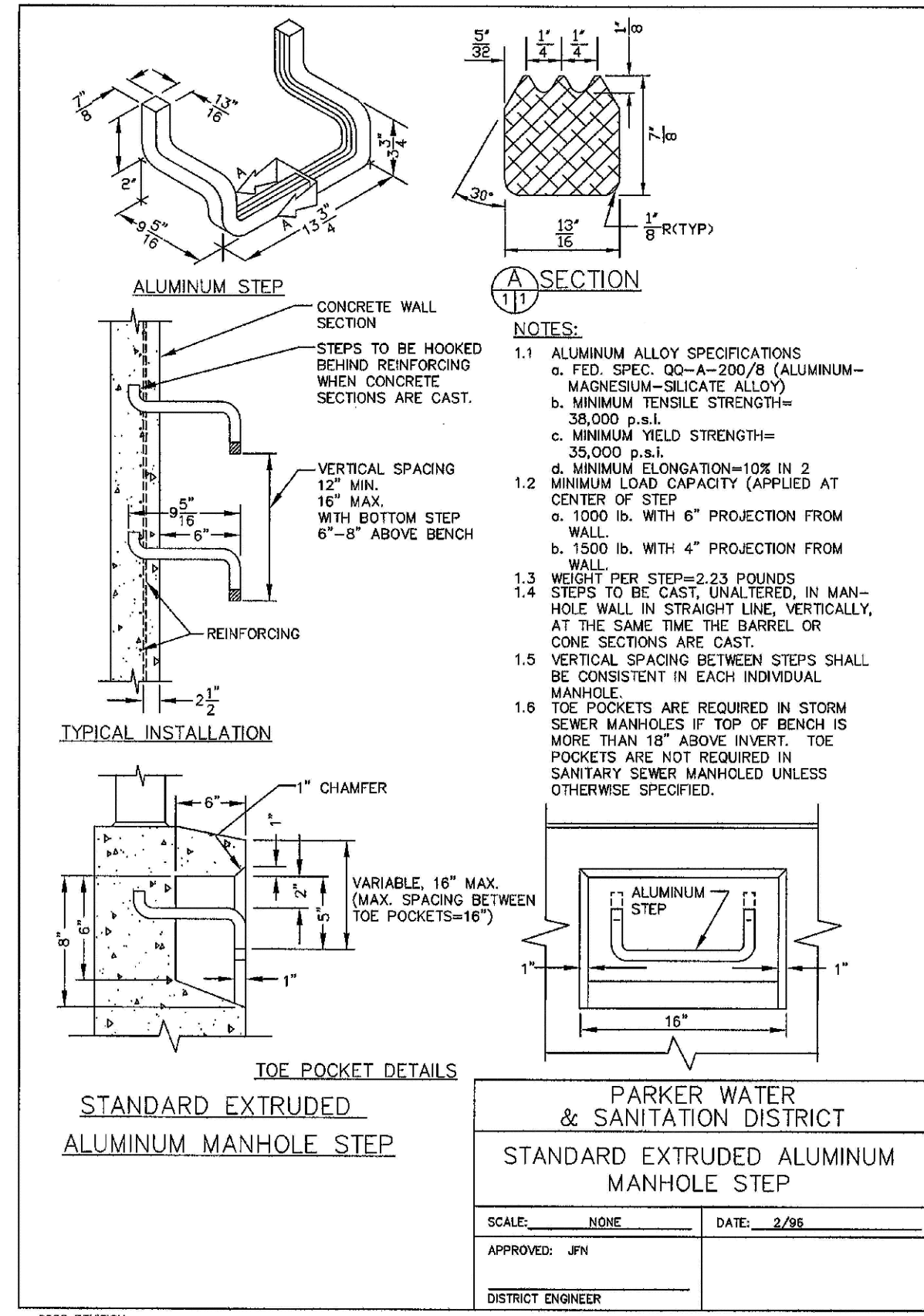


OUTSIDE DROP MANHOLE CONSTRUCTION

PARKER WATER & SANITATION DISTRICT
 OUTSIDE DROP MANHOLE CONSTRUCTION

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

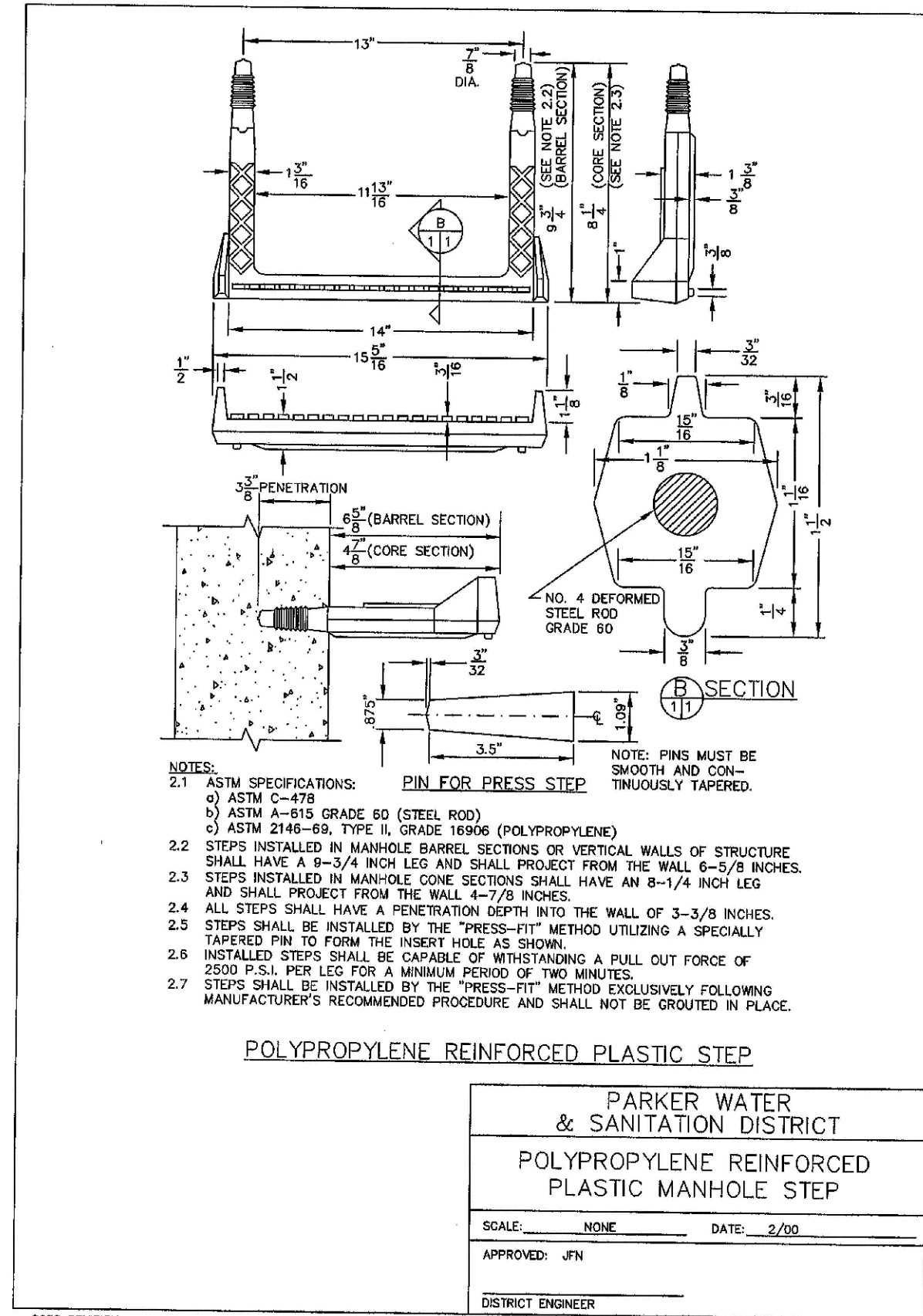
2008 REVISION SHEET 16



PARKER WATER & SANITATION DISTRICT
 STANDARD EXTRUDED ALUMINUM MANHOLE STEP

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

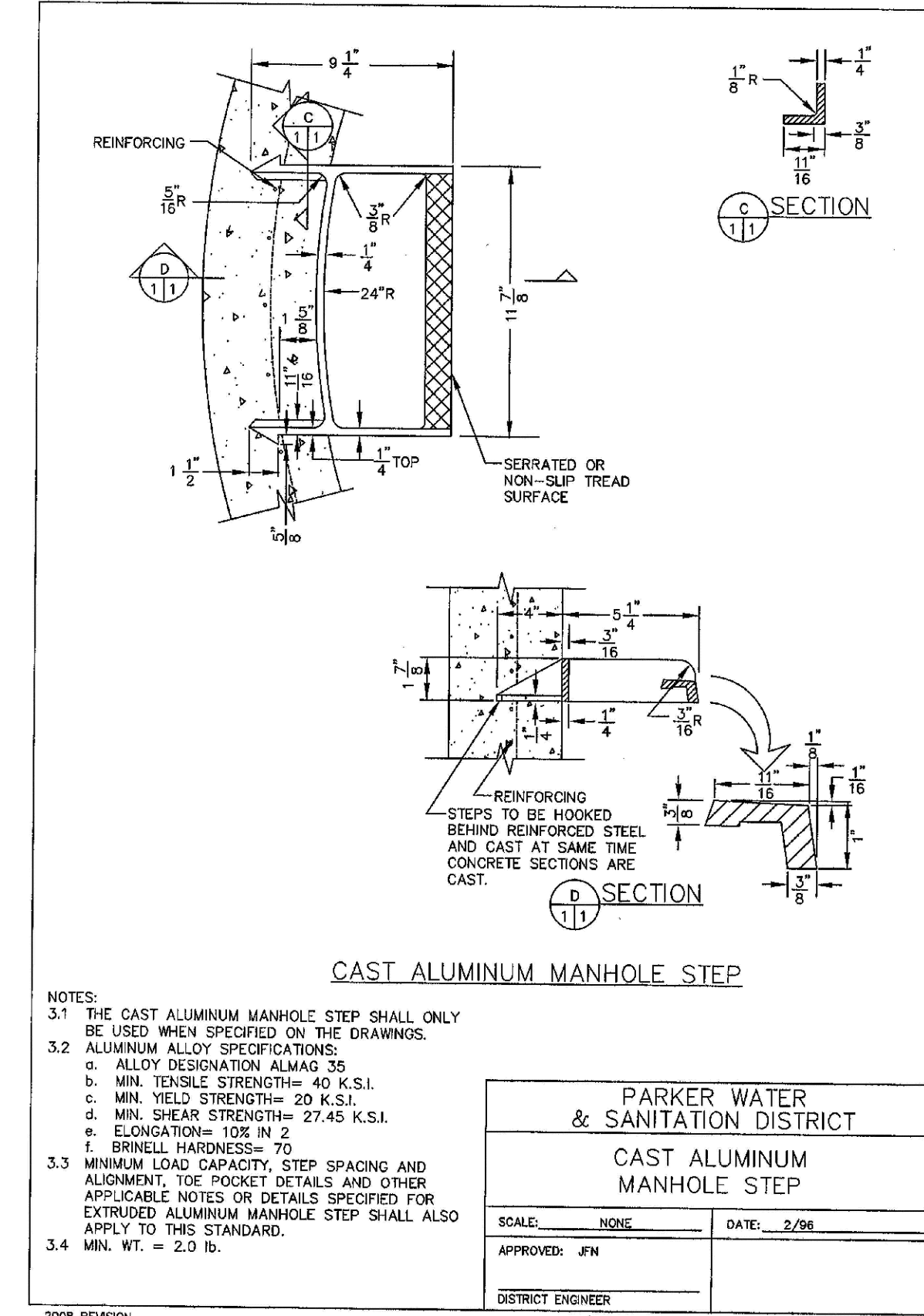
2008 REVISION SHEET 18



PARKER WATER & SANITATION DISTRICT
 POLYPROPYLENE REINFORCED PLASTIC MANHOLE STEP

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

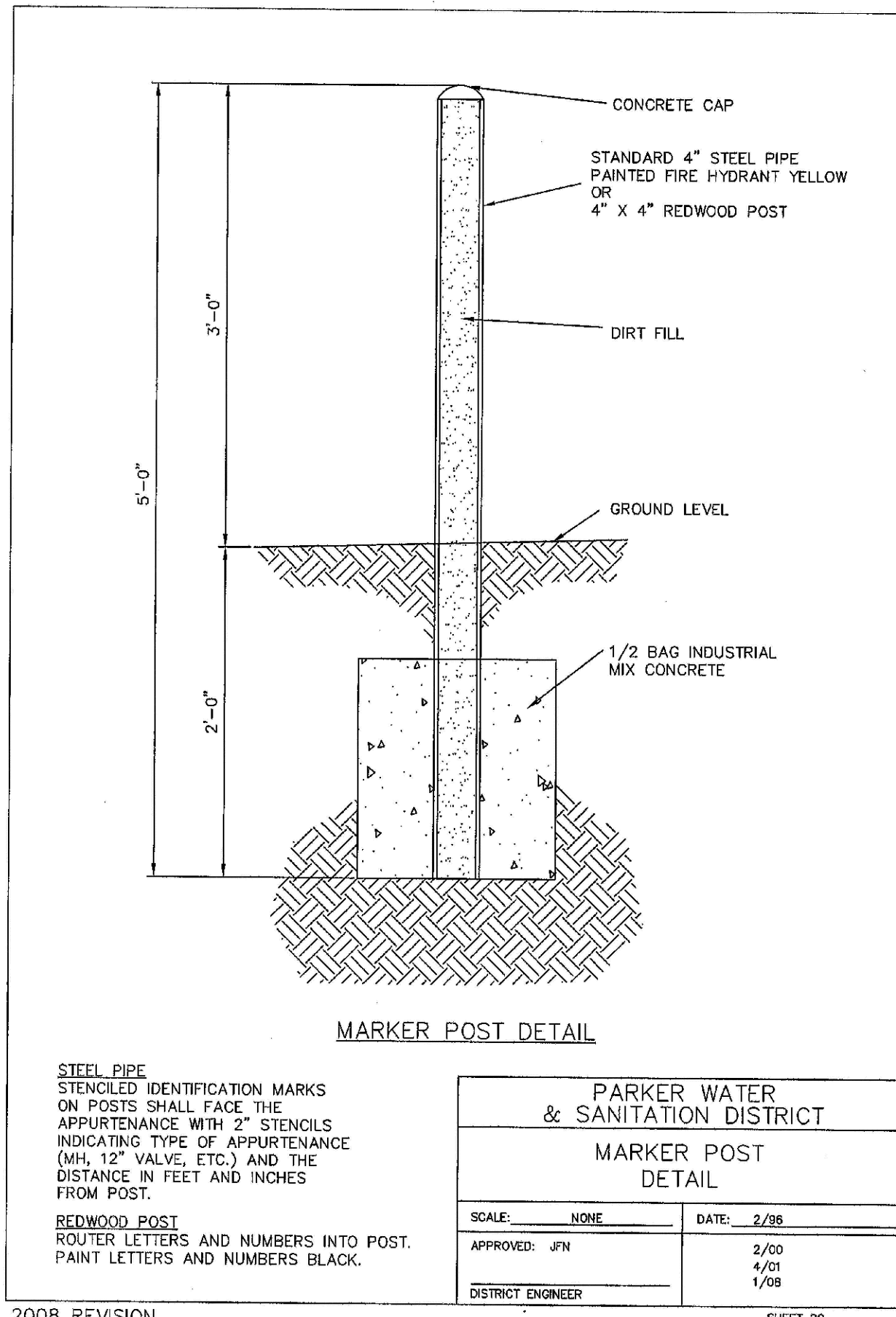
2008 REVISION SHEET 19A



PARKER WATER & SANITATION DISTRICT
 CAST ALUMINUM MANHOLE STEP

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

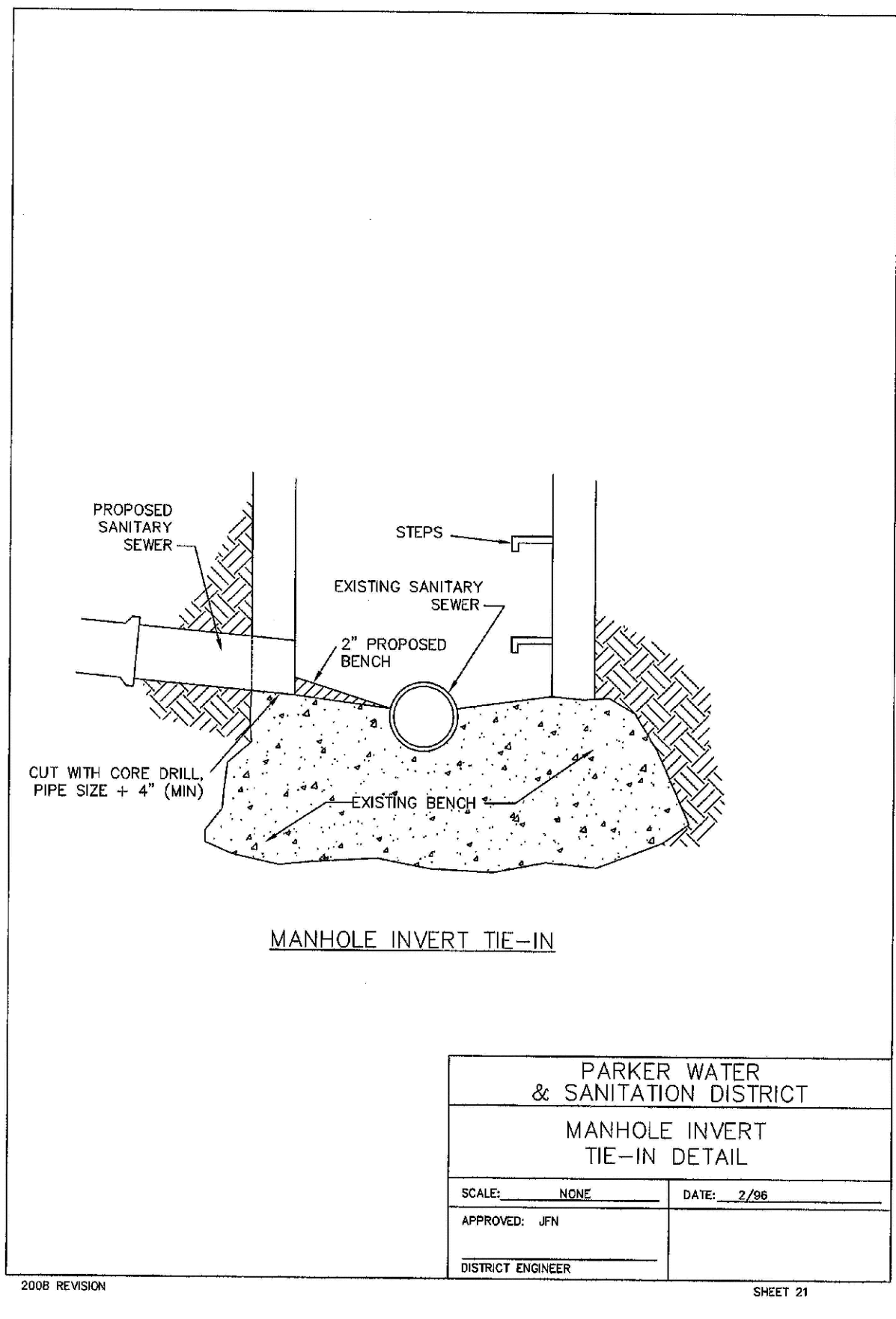
2008 REVISION SHEET 19



PARKER WATER & SANITATION DISTRICT
 MARKER POST DETAIL

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

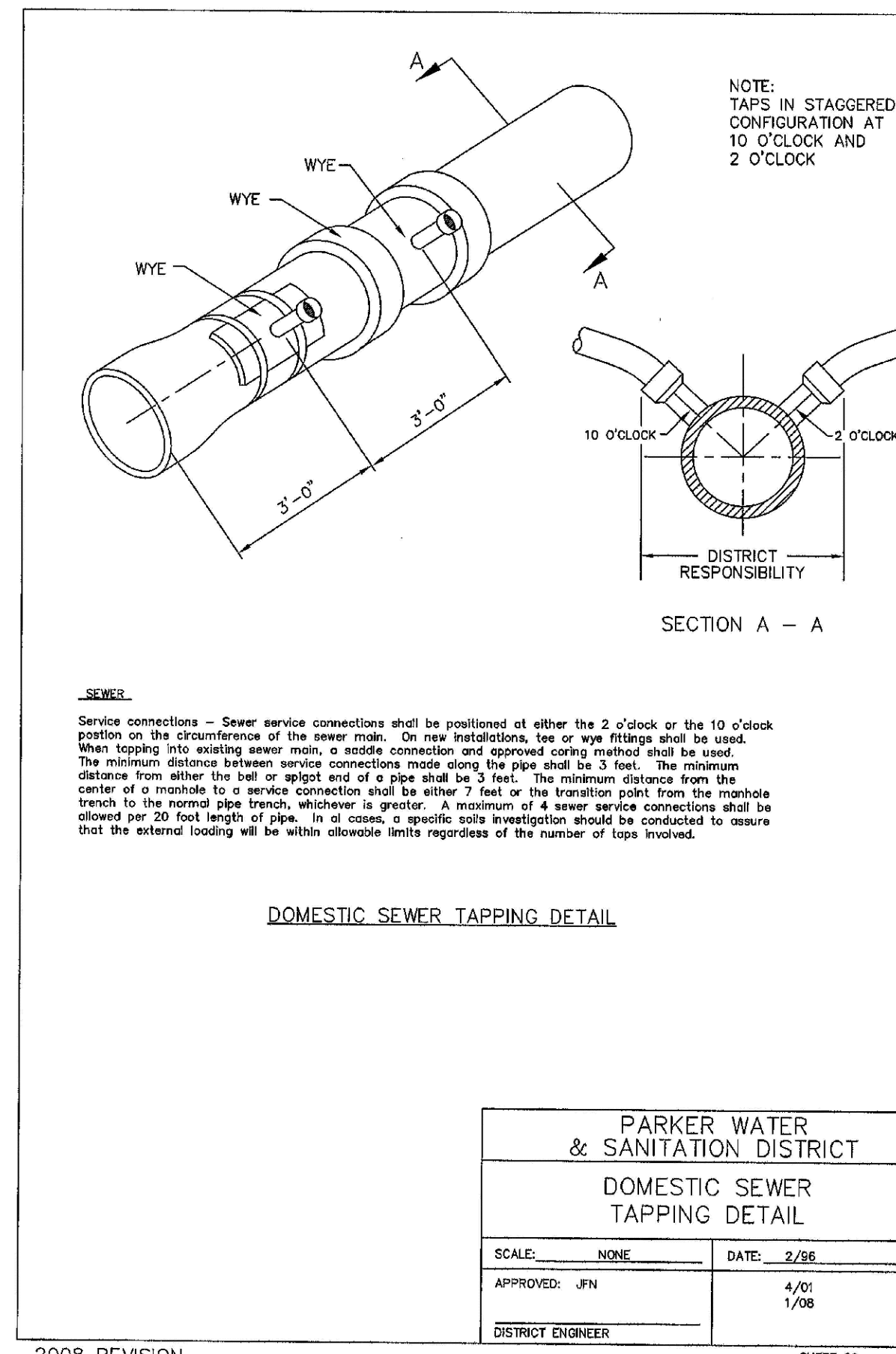
2008 REVISION SHEET 20



PARKER WATER & SANITATION DISTRICT
 MANHOLE INVERT TIE-IN DETAIL

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

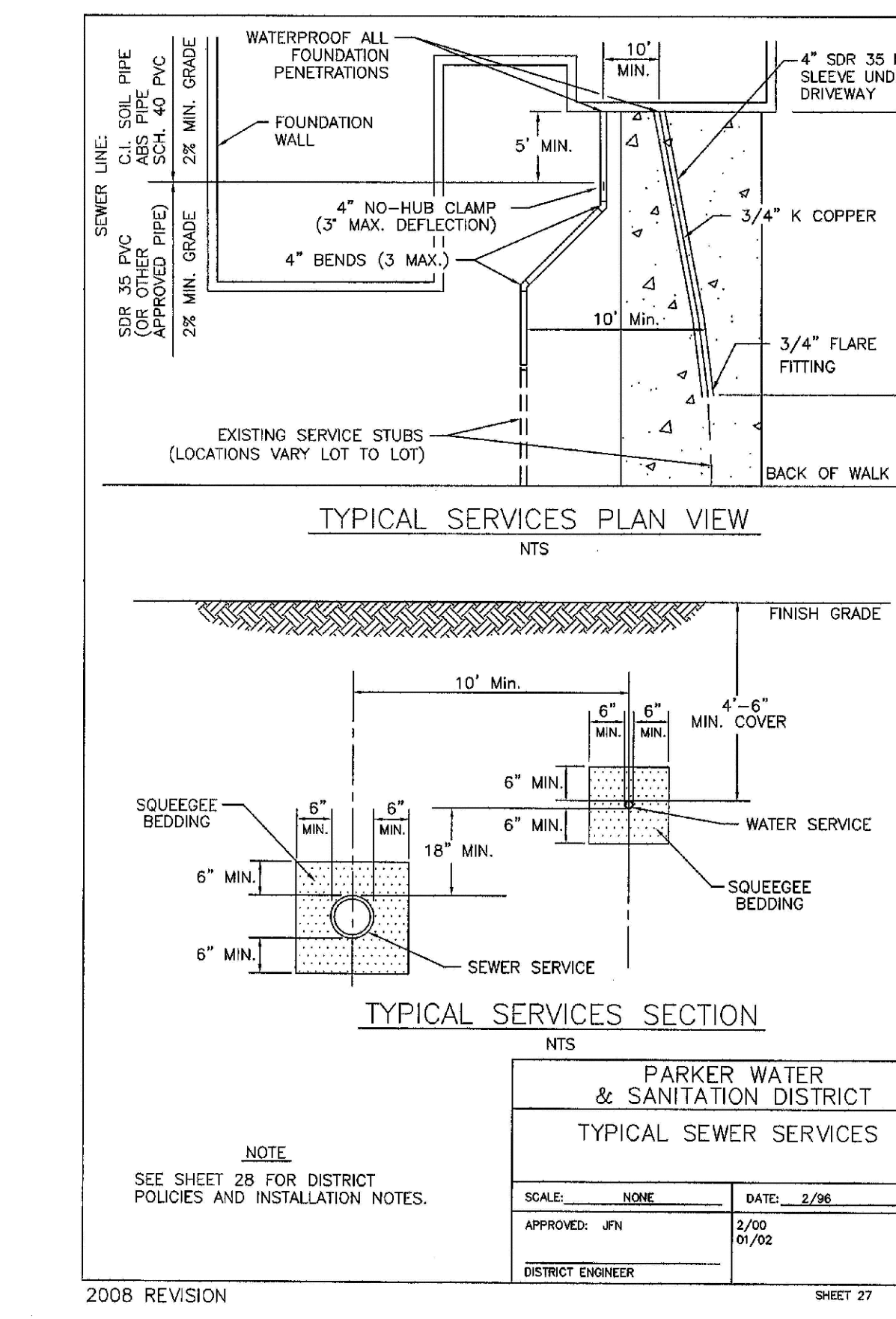
2008 REVISION SHEET 21



PARKER WATER & SANITATION DISTRICT
 DOMESTIC SEWER TAPPING DETAIL

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

2008 REVISION SHEET 26



PARKER WATER & SANITATION DISTRICT
 TYPICAL SEWER SERVICES

SCALE: NONE DATE: 2/96
 APPROVED: JFN
 DISTRICT ENGINEER

2008 REVISION SHEET 27

10338 E. Dry Creek Rd.
 Englewood, CO 80150
 Tel: (720) 482-9526
 Fax: (720) 482-9548

CVL CONSULTANTS

ESX MANAGEMENT
 7353 South Alton Way
 CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
 FILING 3 CONSTRUCTION DRAWINGS
 SANITARY SEWER DETAILS

SCALE: AS SHOWN
 FILE NO: 8130283701

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

SHEET NUMBER: 15

Revisions: No. Date Init. Appr. Date

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N:\PROJECTS\SHS RANCH\CAD\ENGINEERING\SHSHEET SET\DCSD\SF\PARKER WATER AND SANITATION\SF SANITARY SEWER DETAILS.DWG, 8/7/2017 12:44 PM

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

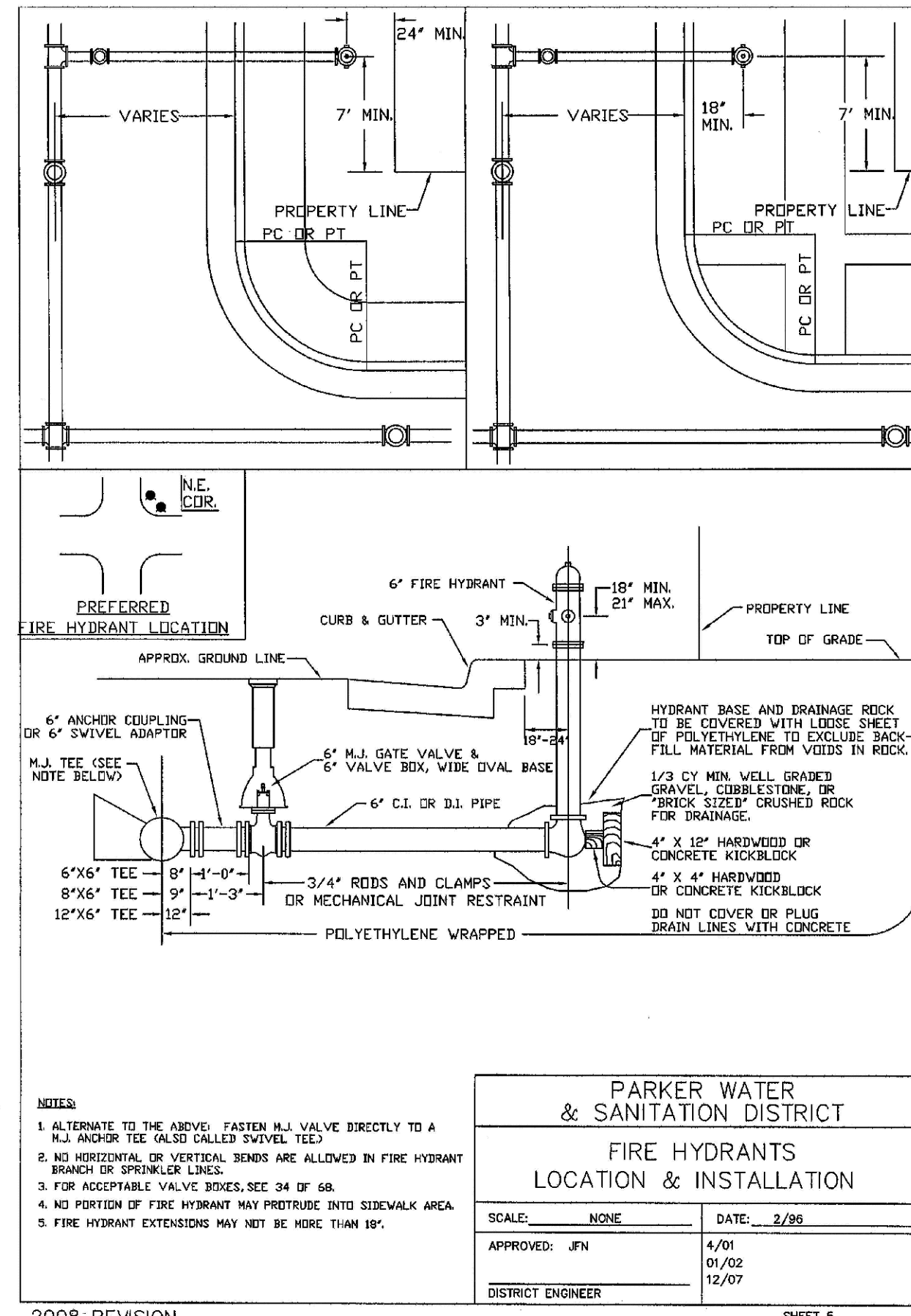
SHEET 28



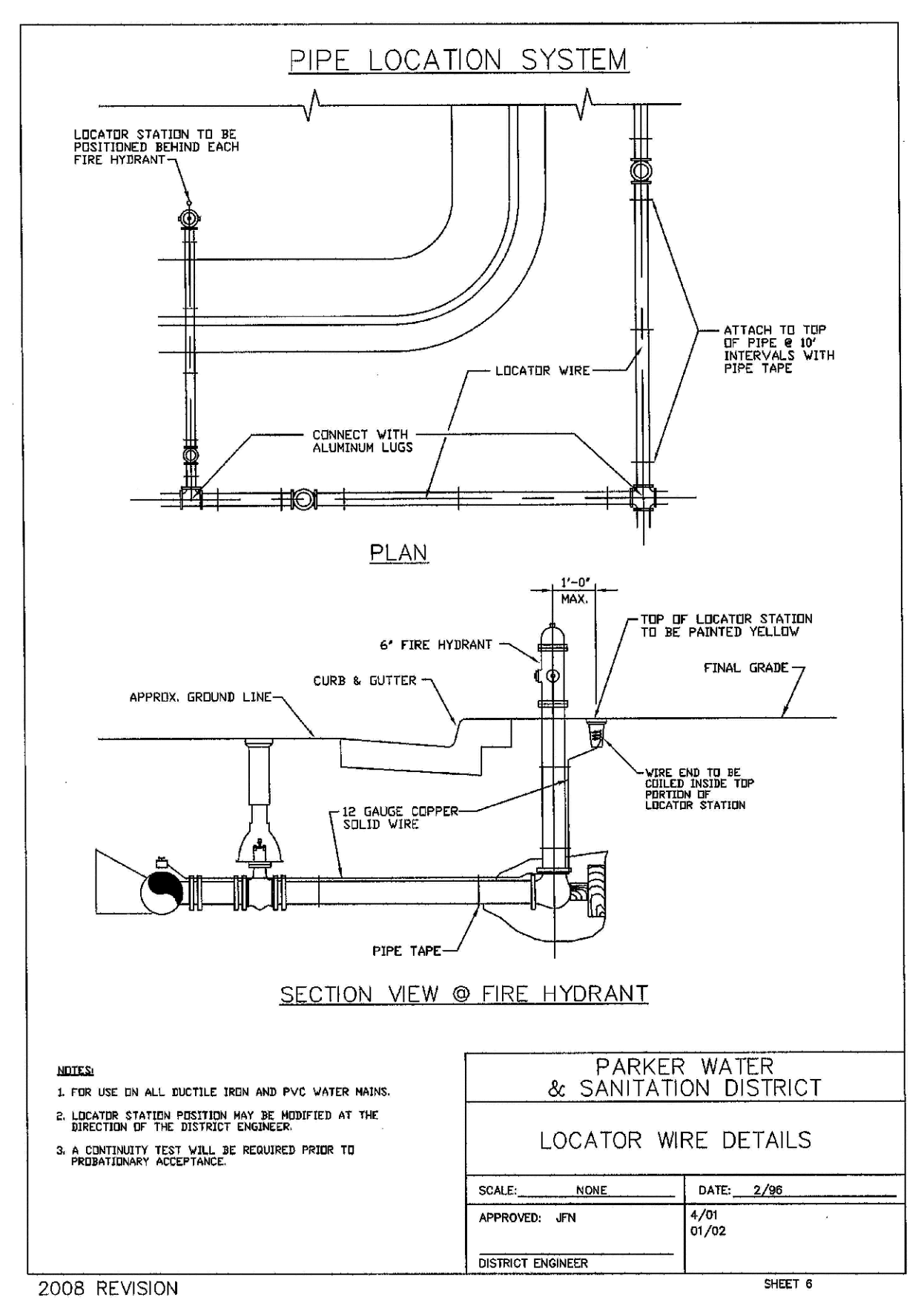
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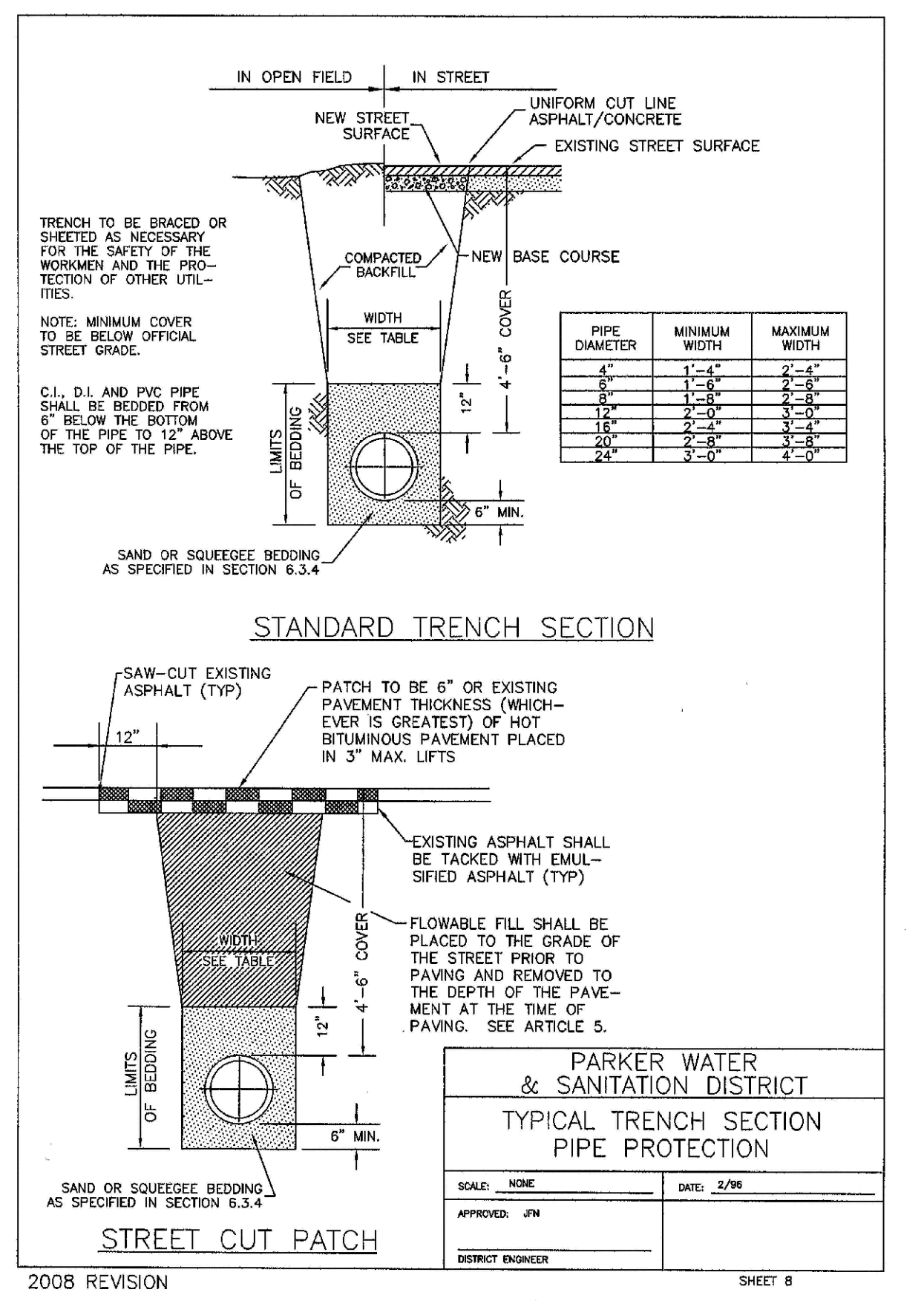
SHEET NUMBER	16	DRAWN BY: JF	SCALE: AS SHOWN	FILE NO: 8130283701	
		CHECKED BY: JJ			
		DATE: APRIL 2017			
			TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS SANITARY SEWER DETAILS		
			ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112		
					
			10339 E. Dry Creek Rd. Suite 410 Englewood, CO 80110 Tel: (720) 482-9526 Fax: (720) 482-9546		
				No.	Revisions
				Date	Appr.
				Date	Date



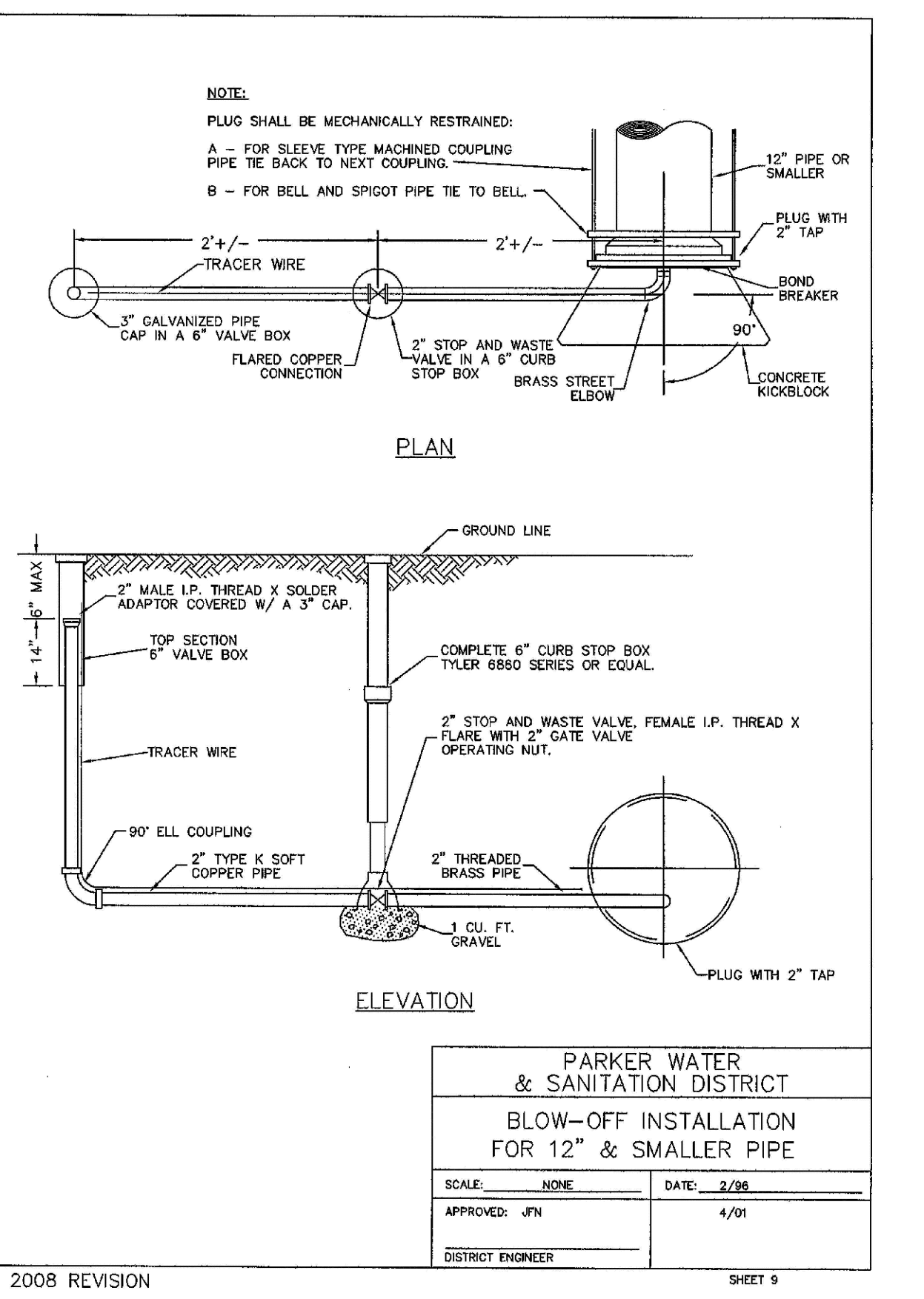
2008 REVISION SHEET 6



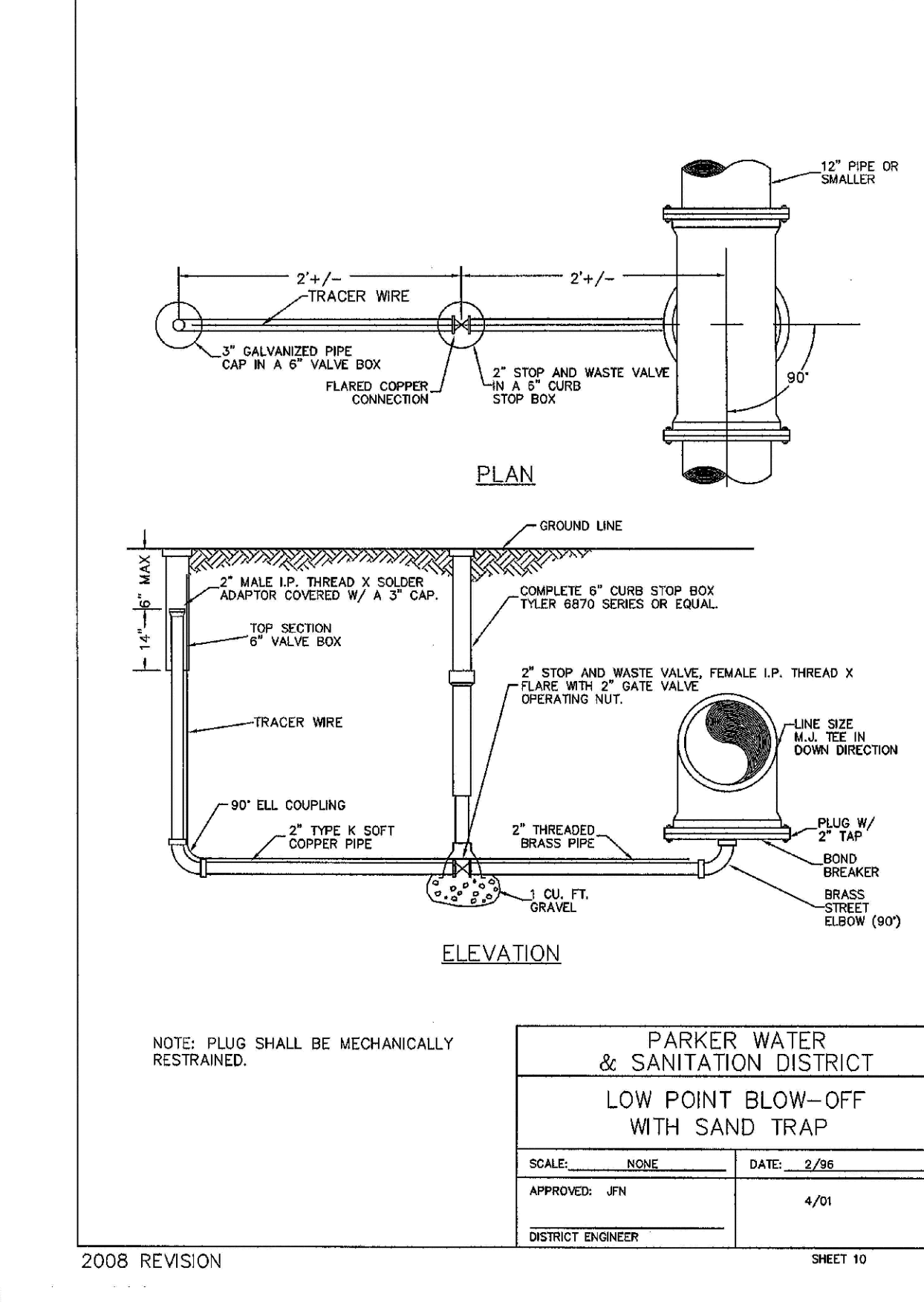
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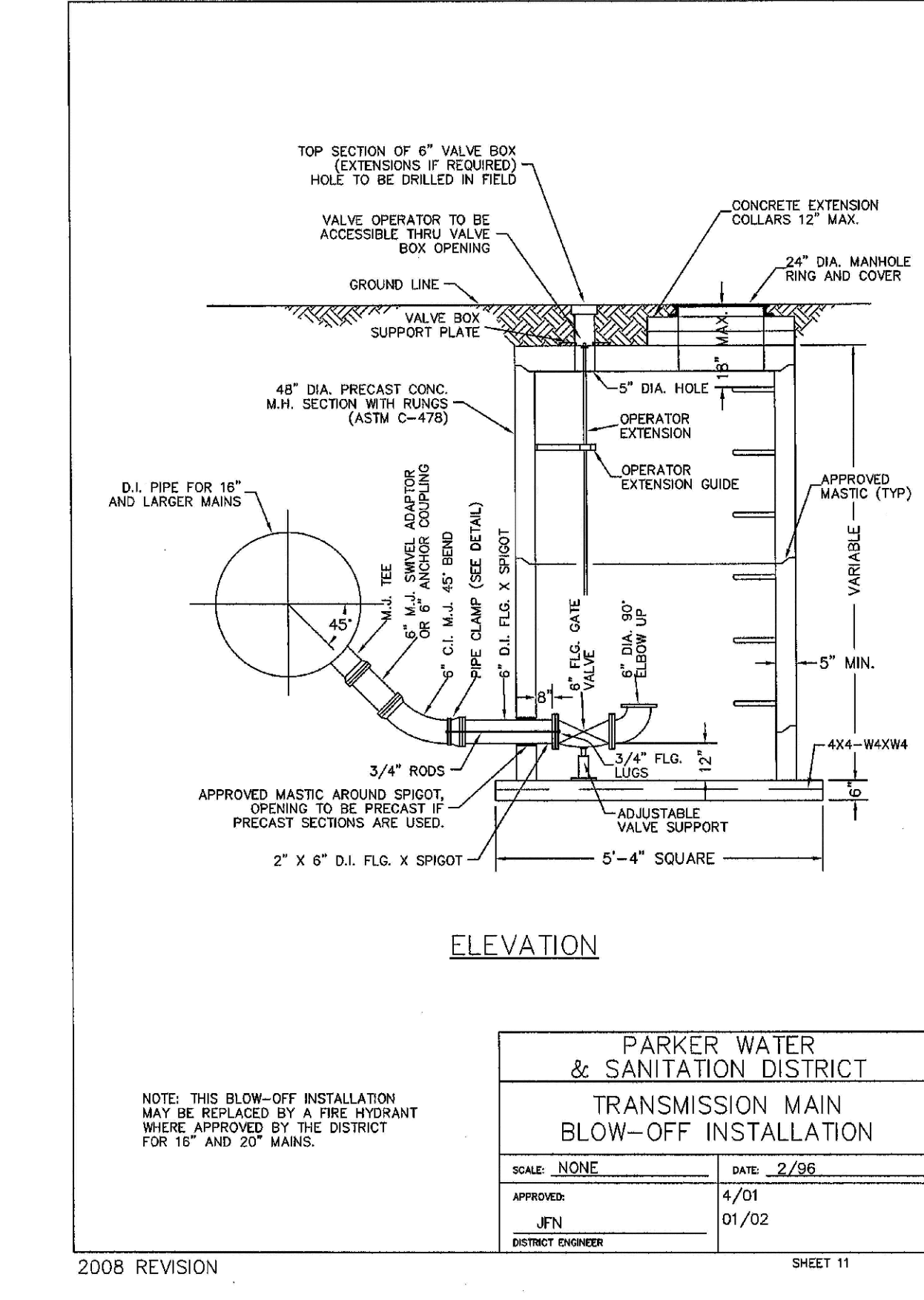
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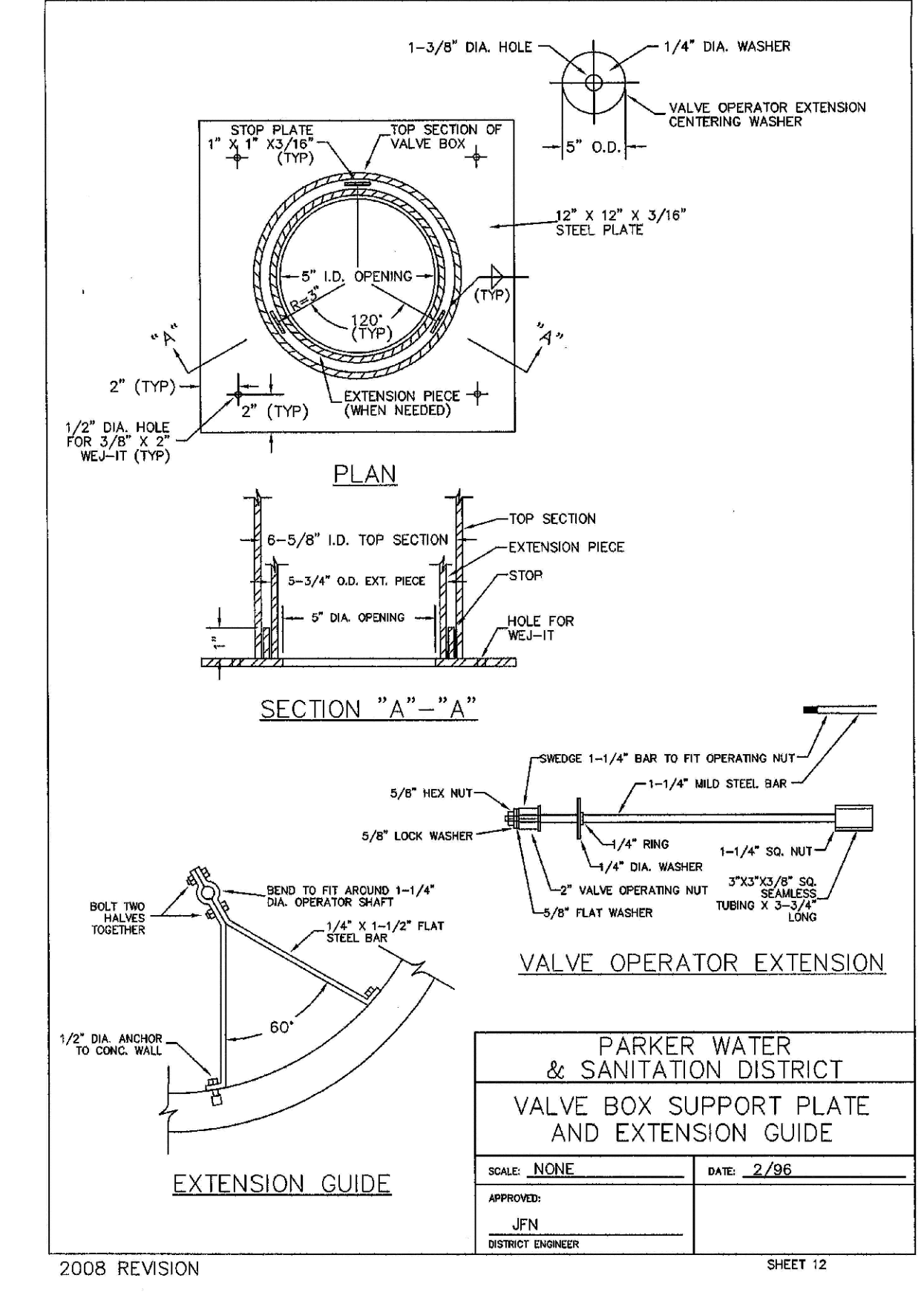
2008 REVISION SHEET 10



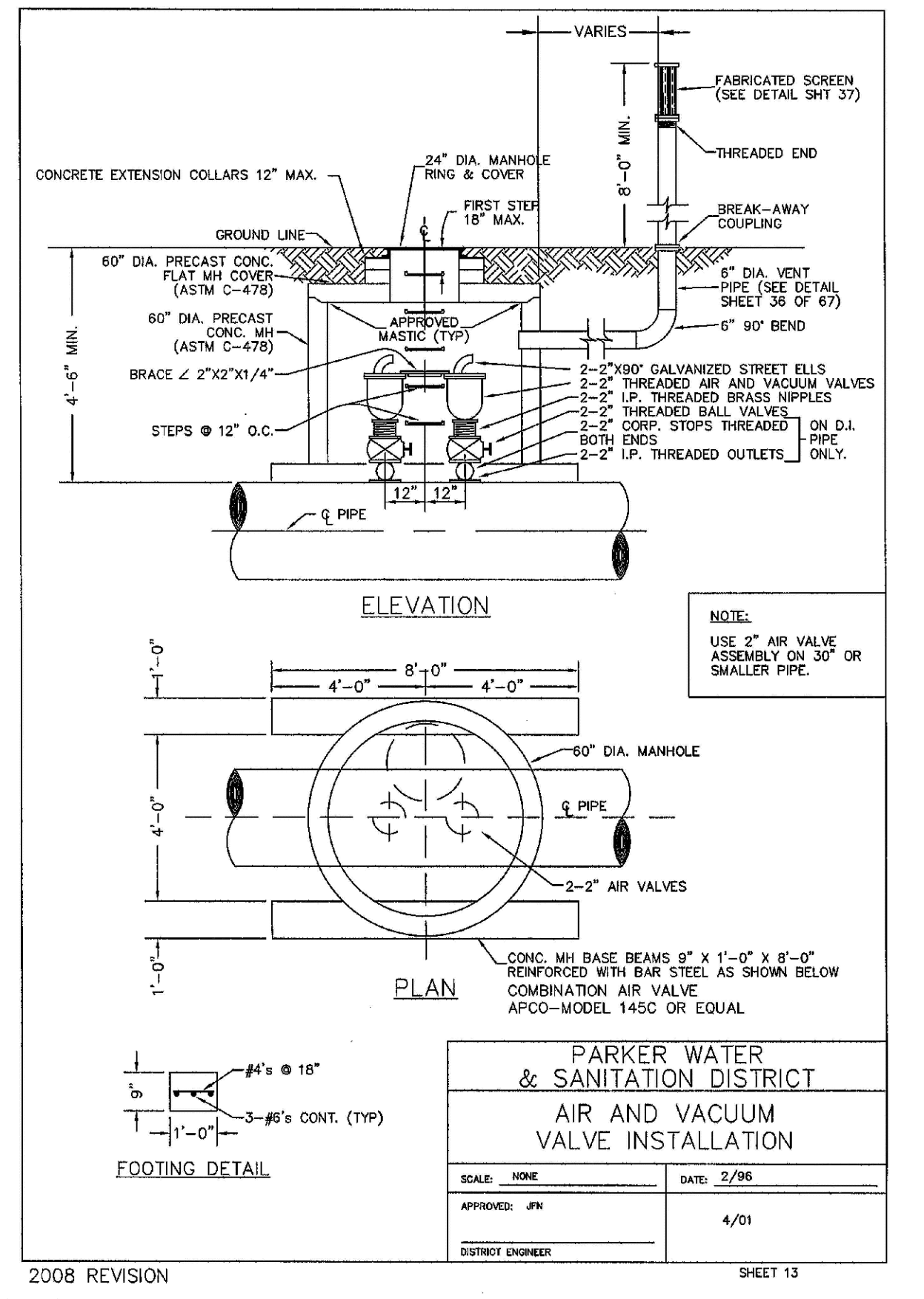
2008 REVISION SHEET 11



2008 REVISION SHEET 12



2008 REVISION SHEET 13

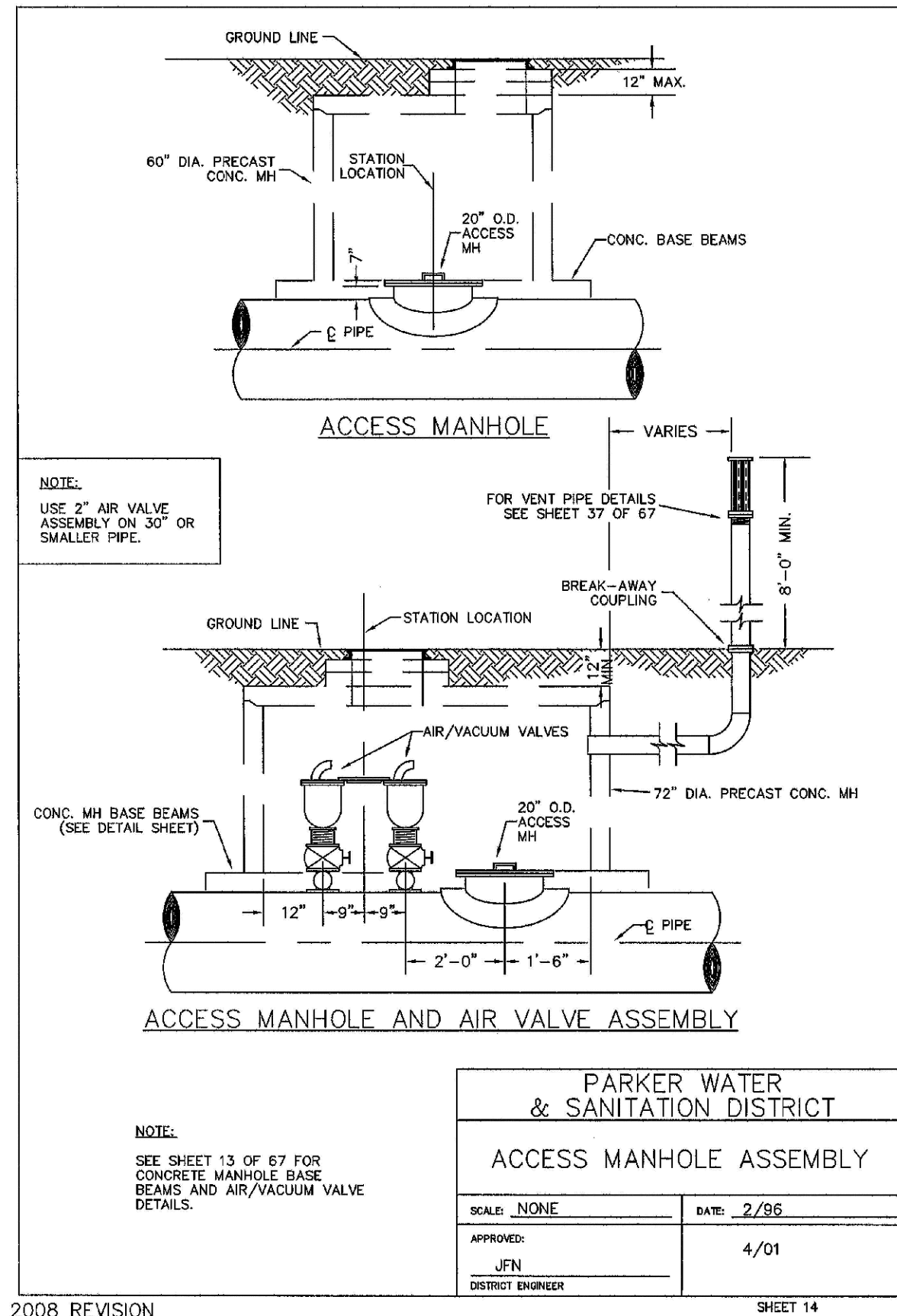


2008 REVISION SHEET 13

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				EXX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112	TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS WATER DETAILS				



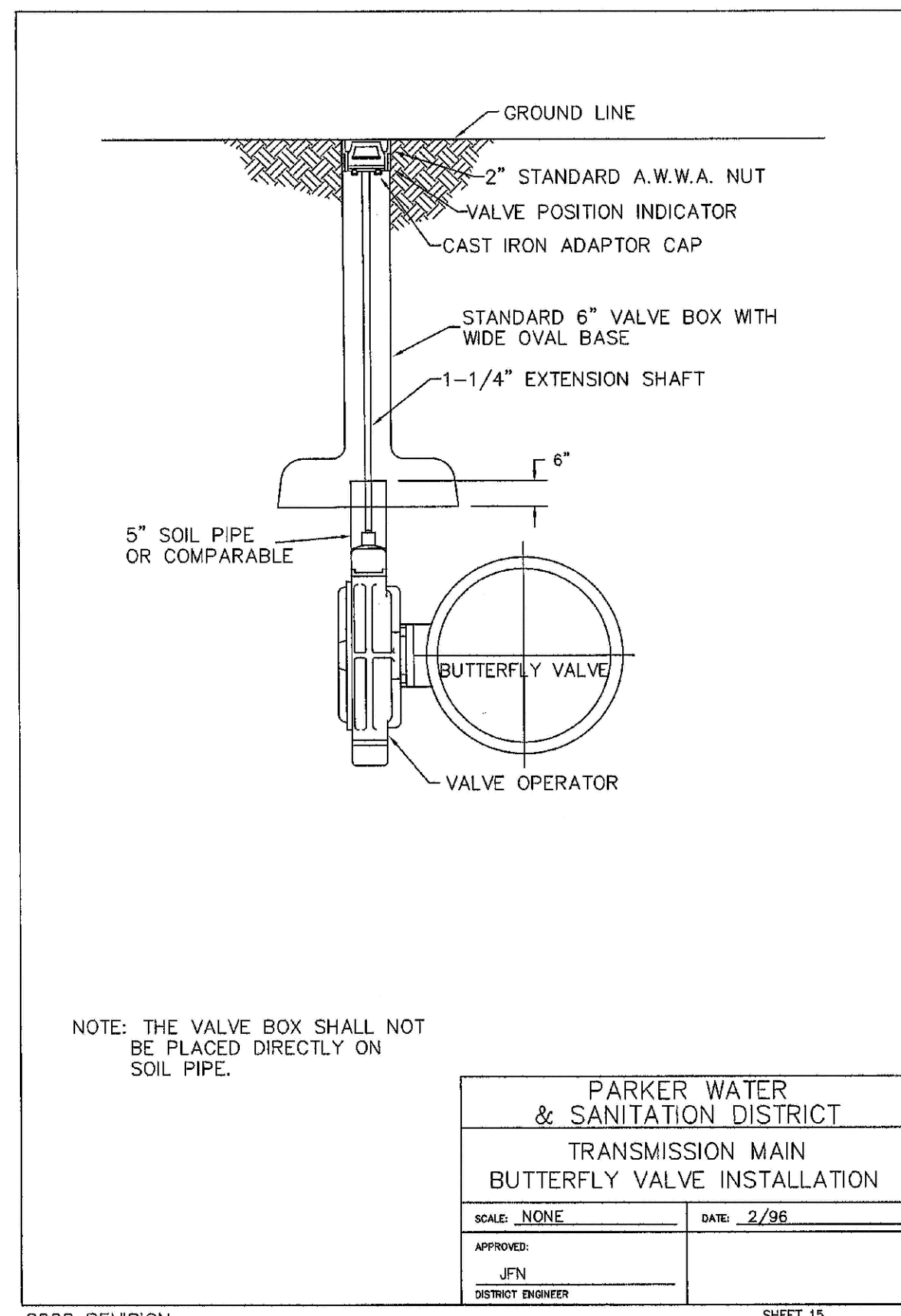
PARKER WATER & SANITATION DISTRICT
ACCESS MANHOLE ASSEMBLY

SCALE: NONE DATE: 2/95

APPROVED: JFN 4/01
 DISTRICT ENGINEER

2008 REVISION

SHEET 14



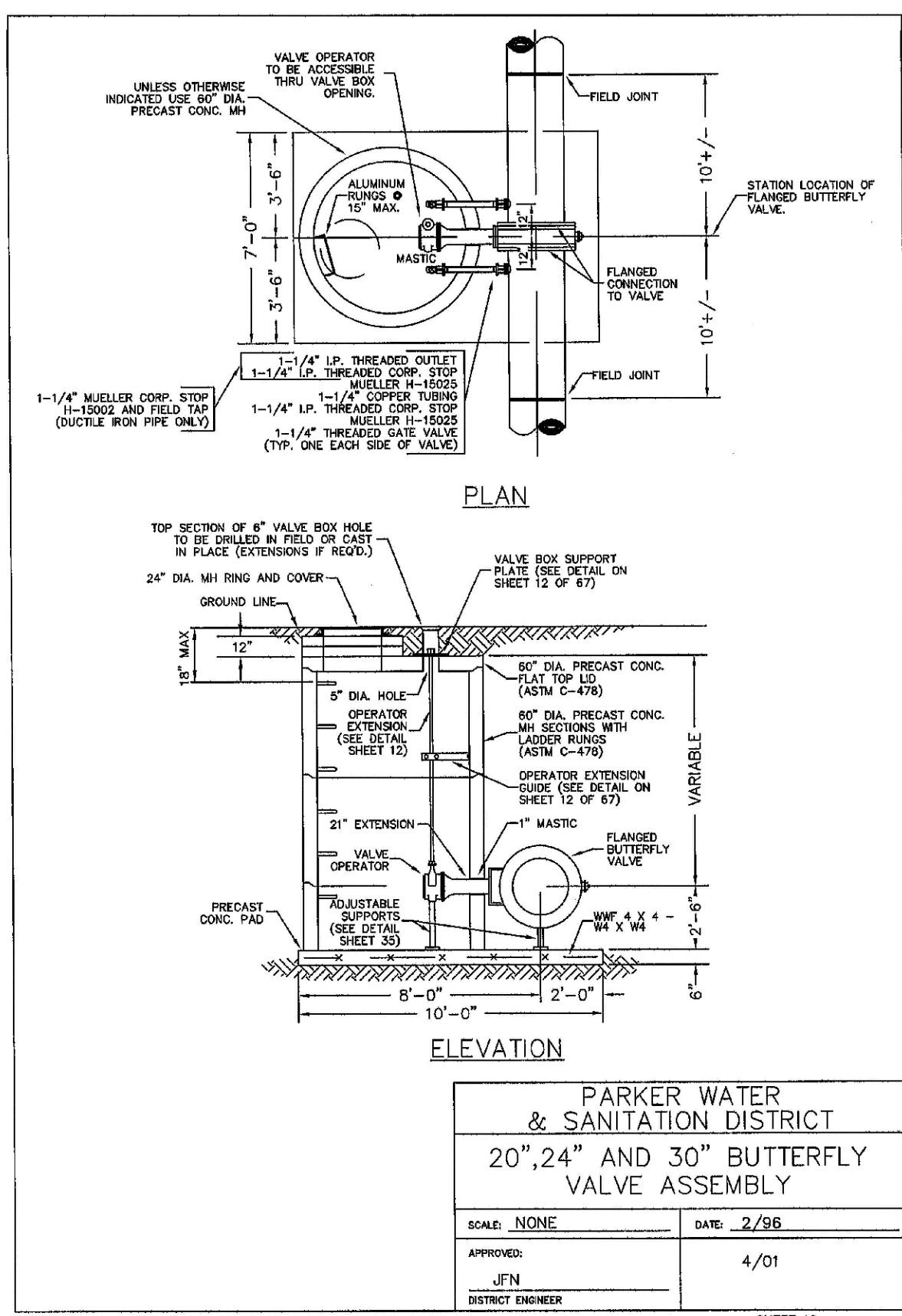
PARKER WATER & SANITATION DISTRICT
TRANSMISSION MAIN BUTTERFLY VALVE INSTALLATION

SCALE: NONE DATE: 2/95

APPROVED: JFN 4/01
 DISTRICT ENGINEER

2008 REVISION

SHEET 15



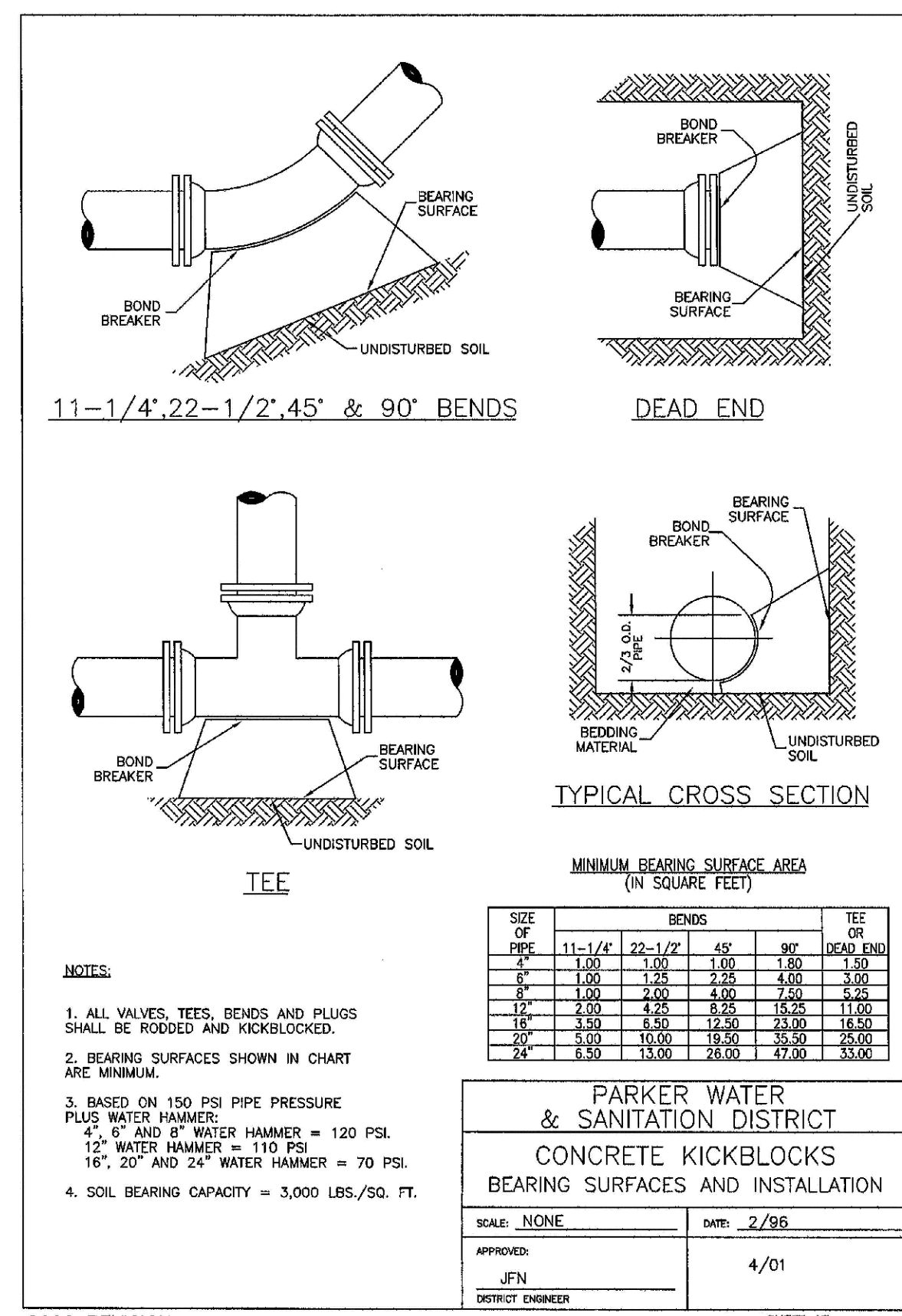
PARKER WATER & SANITATION DISTRICT
20", 24" AND 30" BUTTERFLY VALVE ASSEMBLY

SCALE: NONE DATE: 2/95

APPROVED: JFN 4/01
 DISTRICT ENGINEER

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SHEET 16



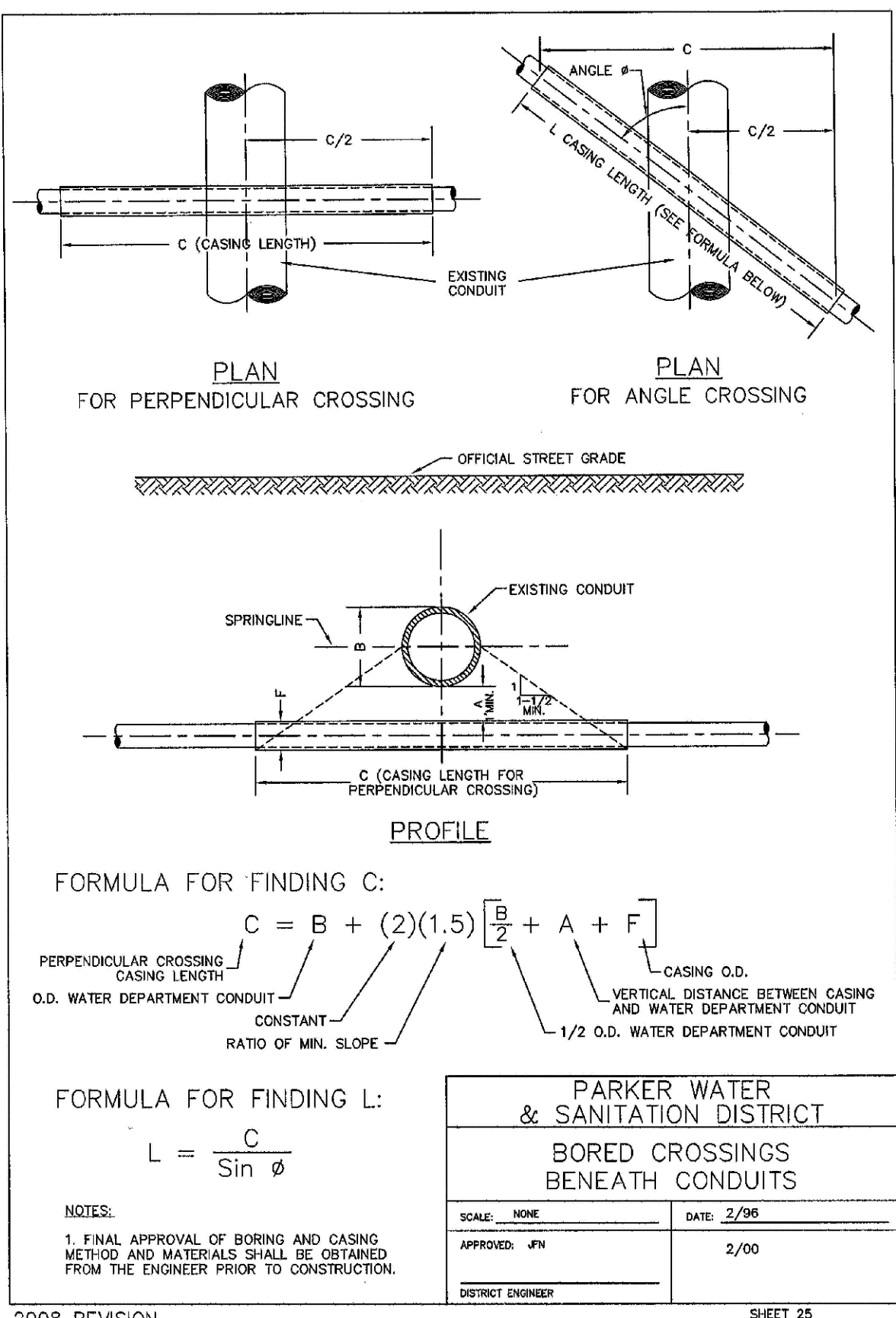
PARKER WATER & SANITATION DISTRICT
CONCRETE KICKBLOCKS BEARING SURFACES AND INSTALLATION

SCALE: NONE DATE: 2/95

APPROVED: JFN 4/01
 DISTRICT ENGINEER

2008 REVISION

SHEET 17



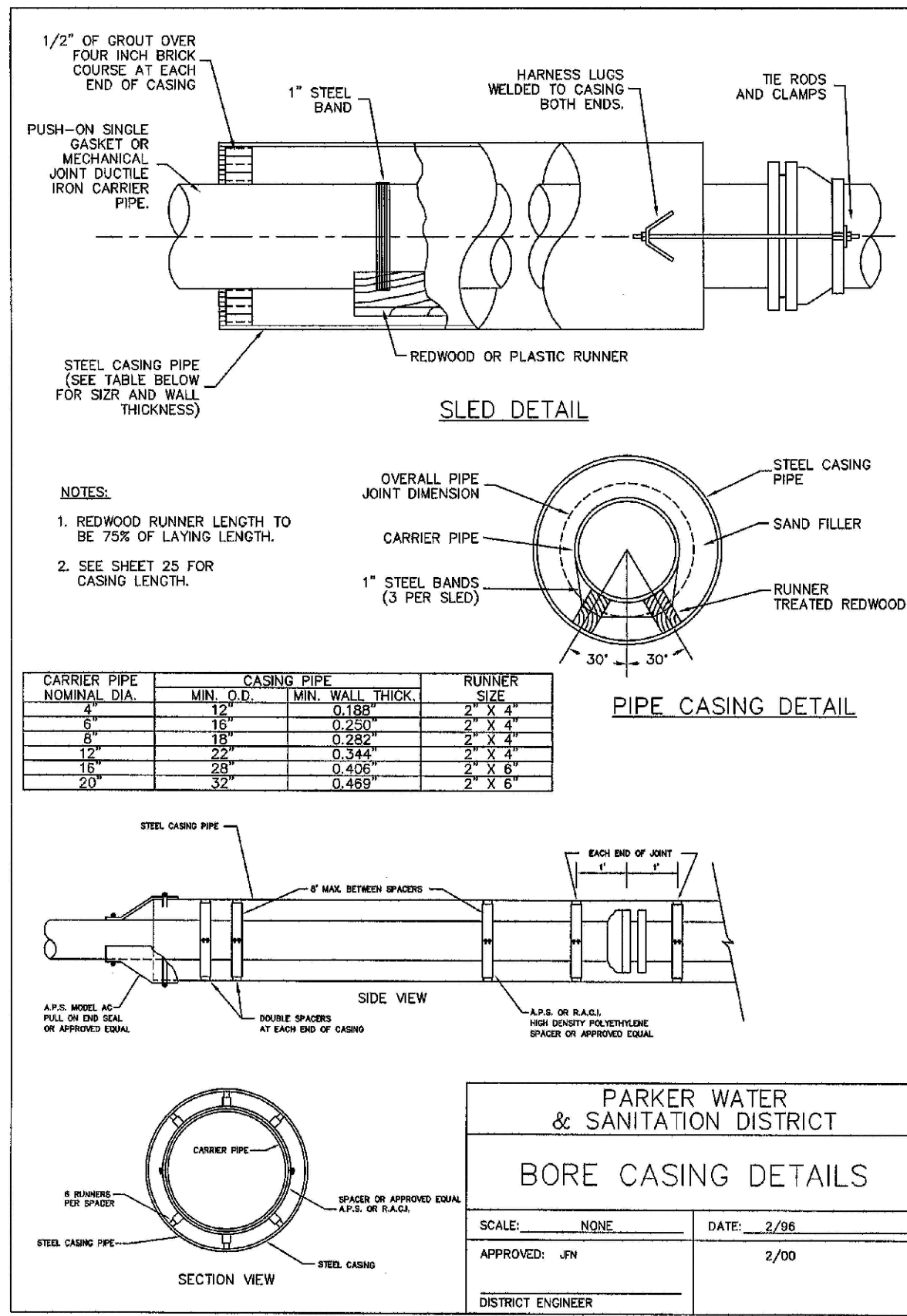
PARKER WATER & SANITATION DISTRICT
BORED CROSSINGS BENEATH CONDUITS

SCALE: NONE DATE: 2/95

APPROVED: JFN 2/00
 DISTRICT ENGINEER

2008 REVISION

SHEET 25



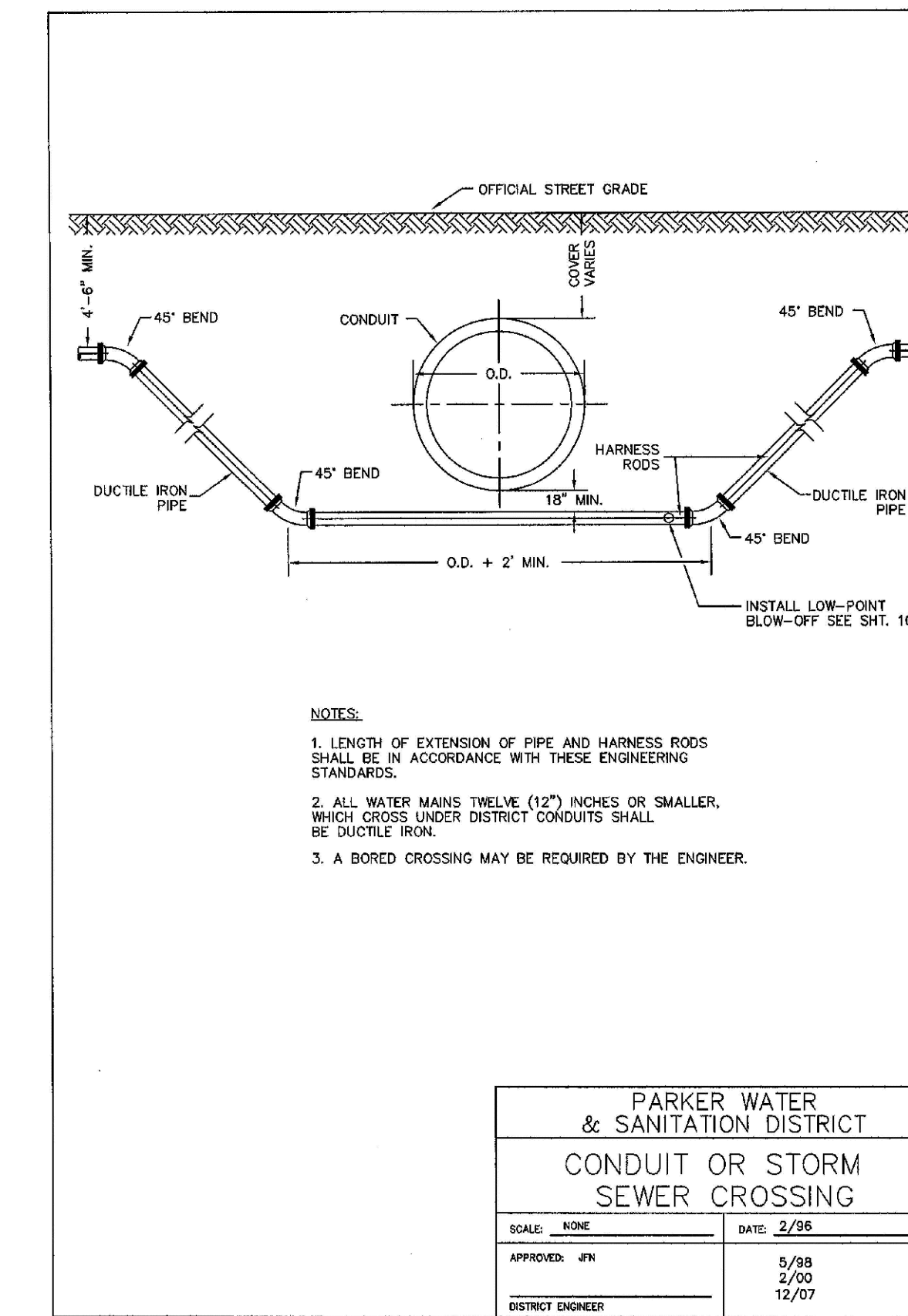
PARKER WATER & SANITATION DISTRICT
BORE CASING DETAILS

SCALE: NONE DATE: 2/95

APPROVED: JFN 2/00
 DISTRICT ENGINEER

2008 REVISION

SHEET 26



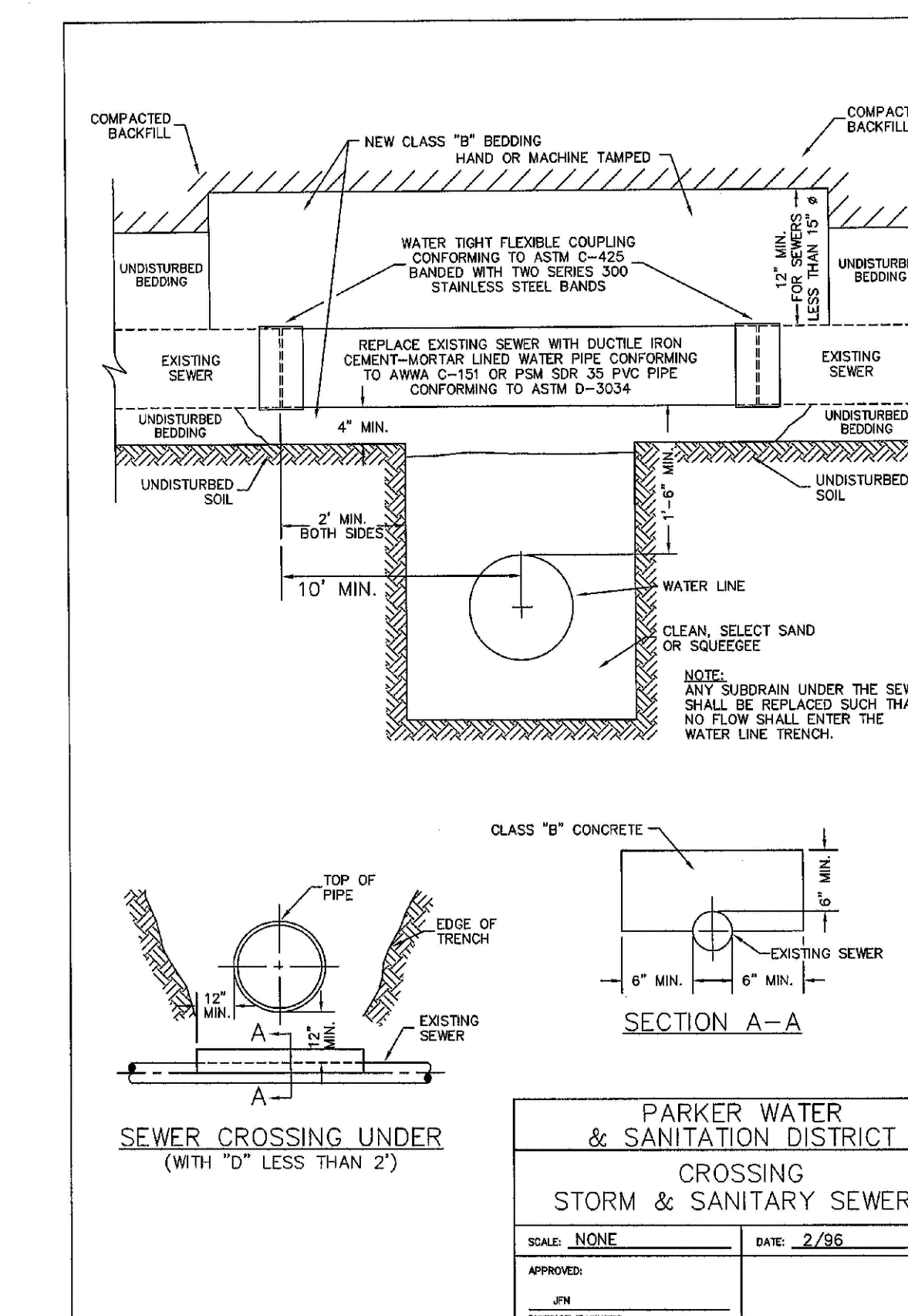
PARKER WATER & SANITATION DISTRICT
CONDUIT OR STORM SEWER CROSSING

SCALE: NONE DATE: 2/95

APPROVED: JFN 5/99 2/00 12/07
 DISTRICT ENGINEER

2008 REVISION

SHEET 27



2008 REVISION

SHEET 28

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ESX MANAGEMENT
 7353 South Alton Way
 CENTENNIAL, CO 80112

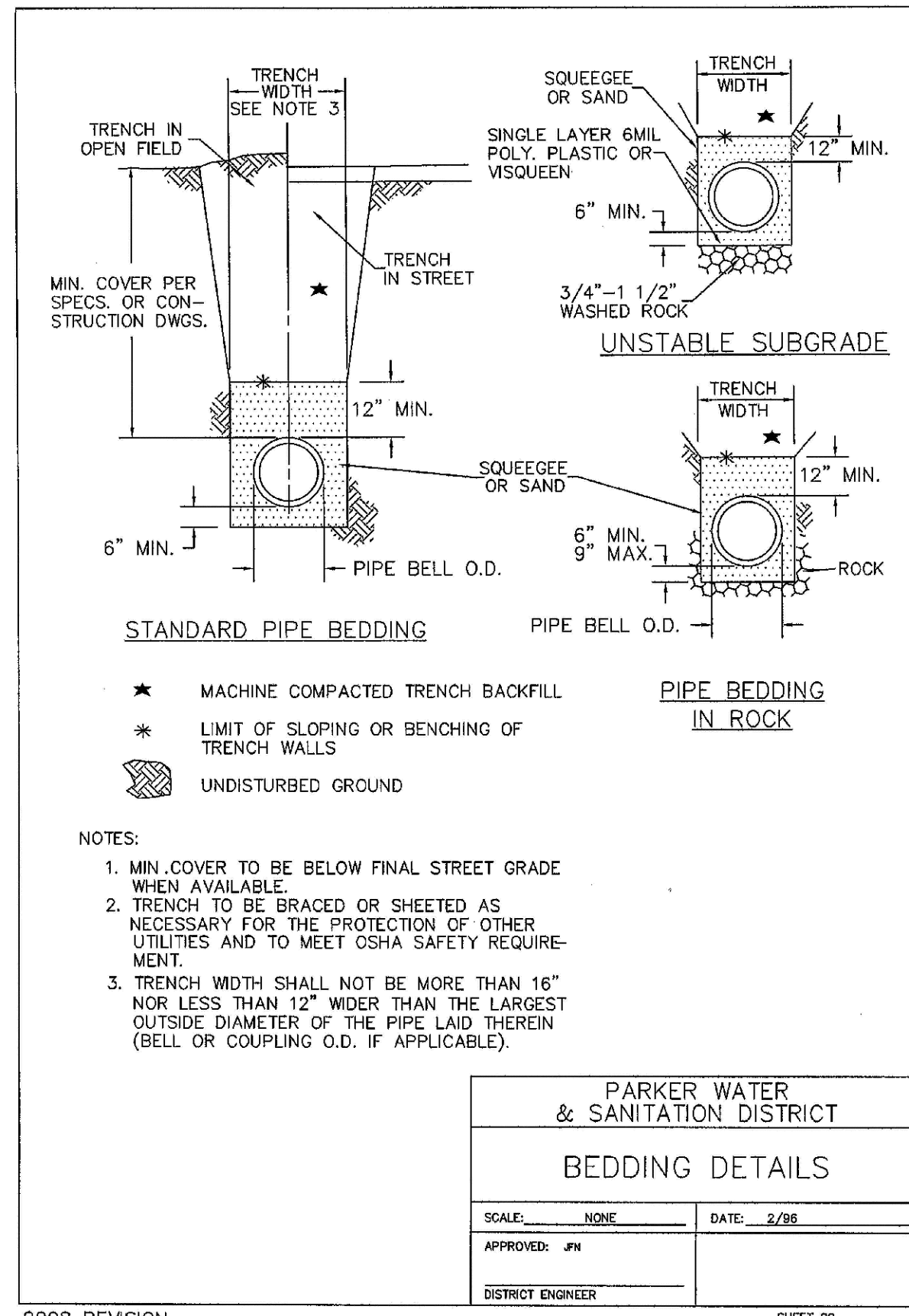
TRAILS AT CROWFOOT
FILING 3 CONSTRUCTION DRAWINGS
 WATER DETAILS

SCALE: AS SHOWN
 FILE NO: 8130283701

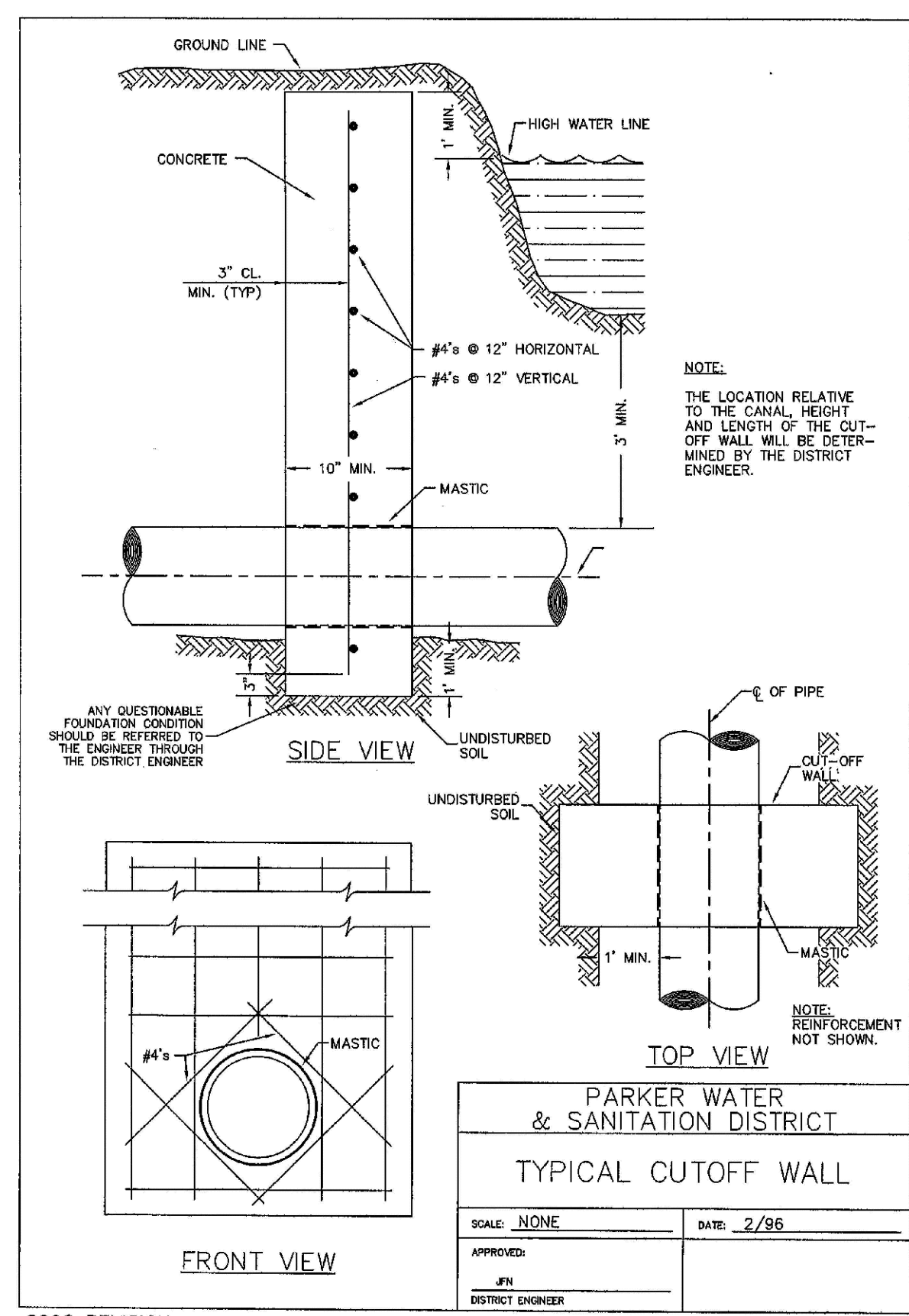
DRAWN BY: JF
 CHECKED BY: JJ
 DATE: APRIL 2017

SHEET NUMBER: 18

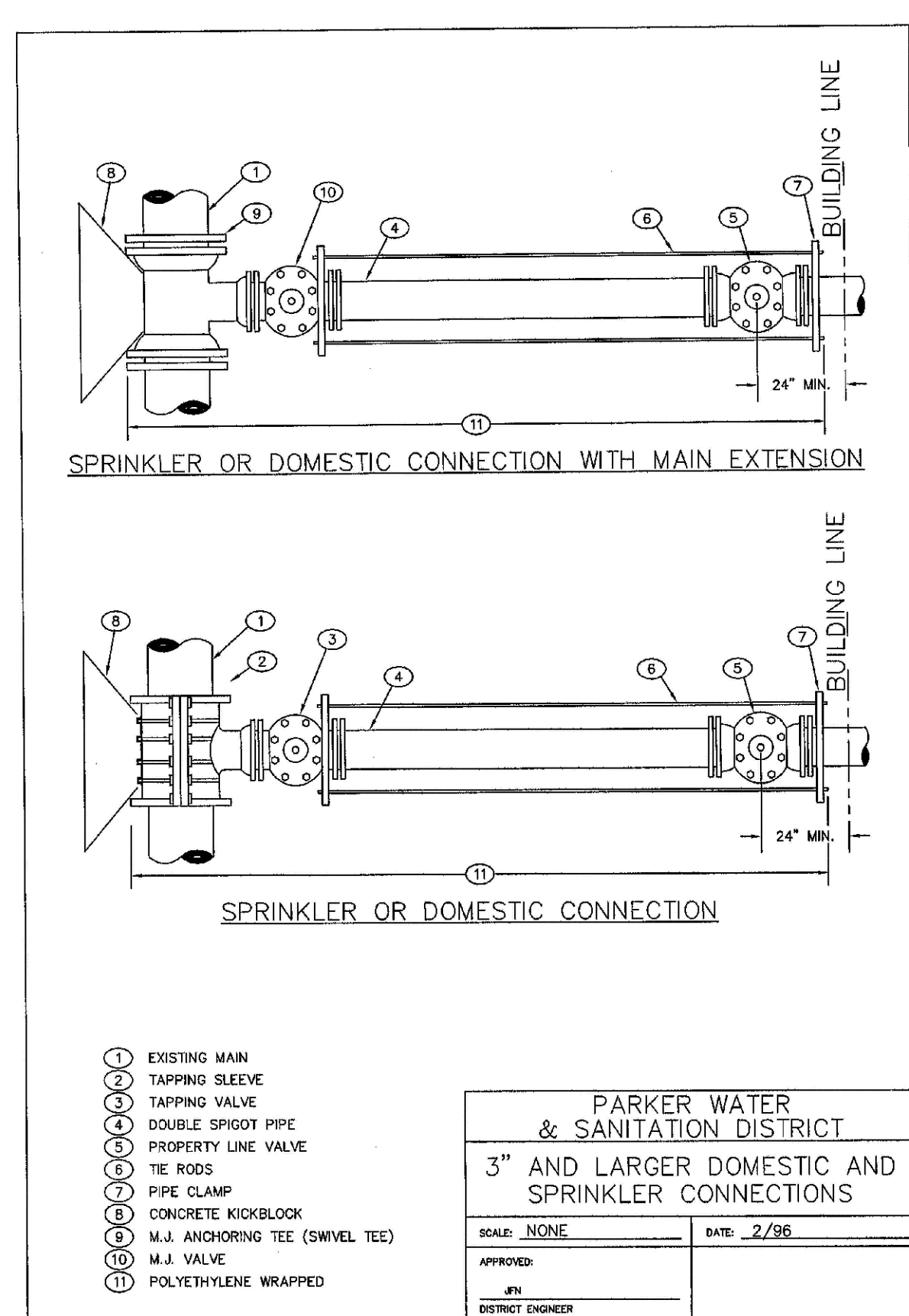
Revisions: No. Date Init. Appr. Date



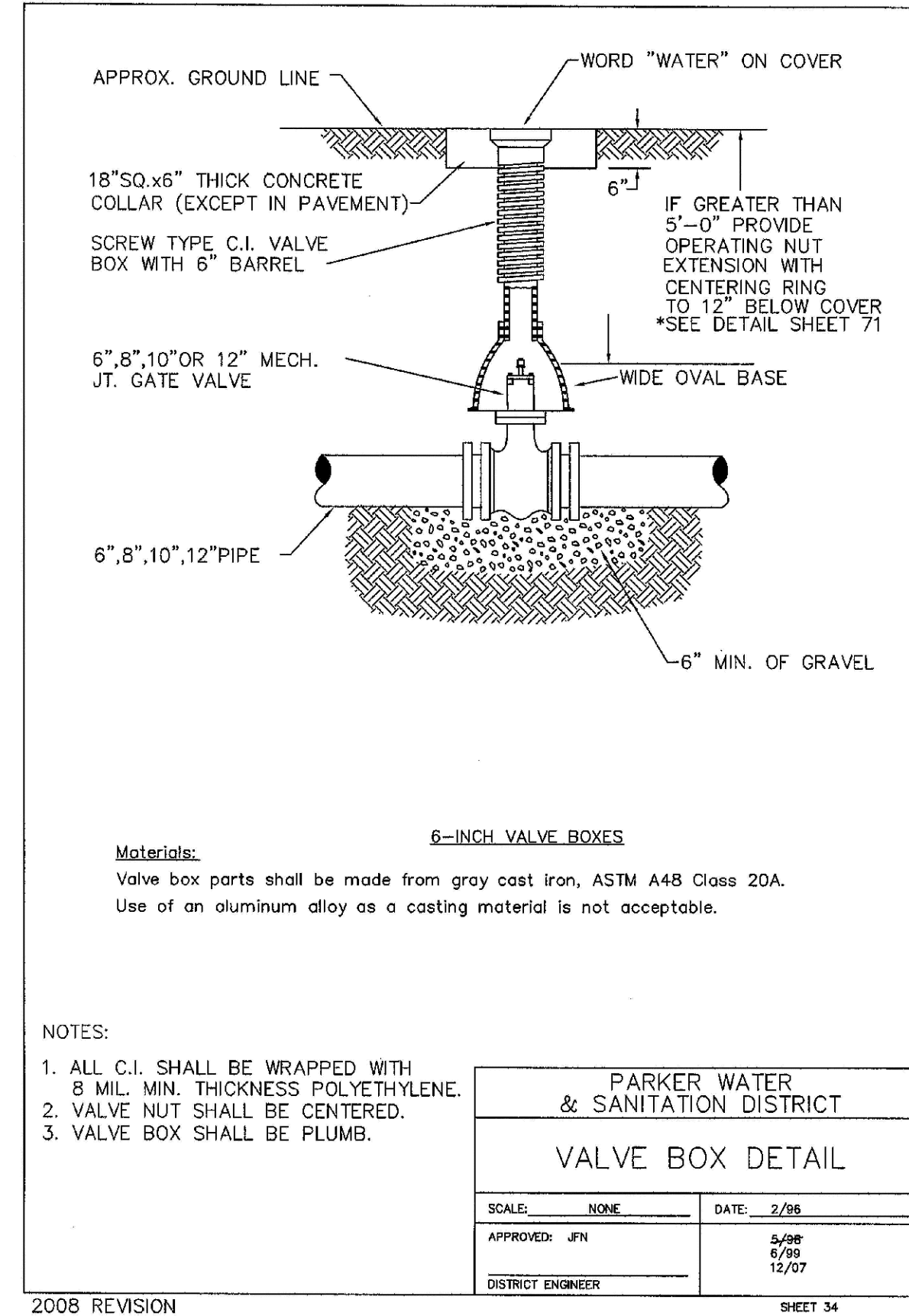
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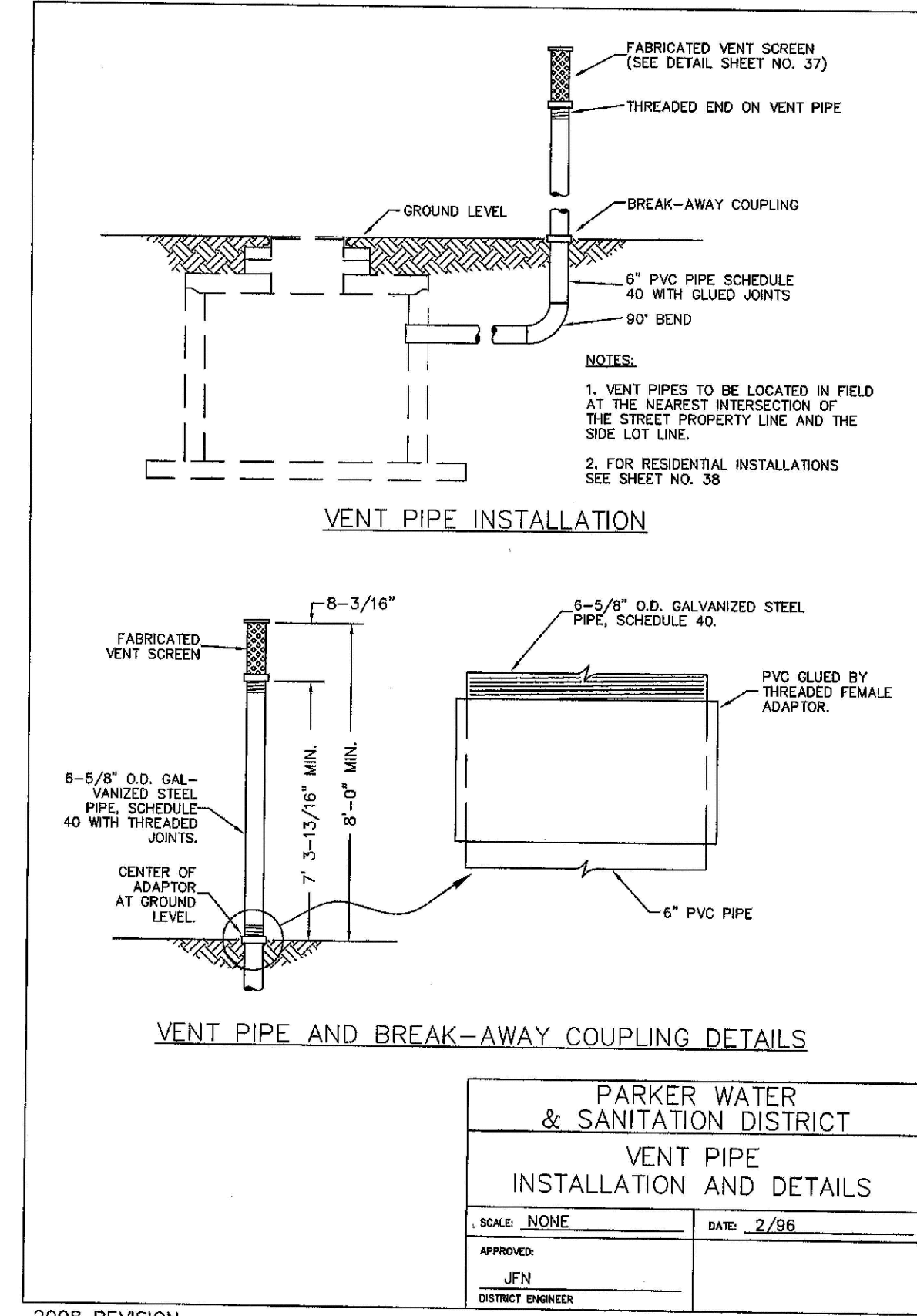
2008 REVISION SHEET 30



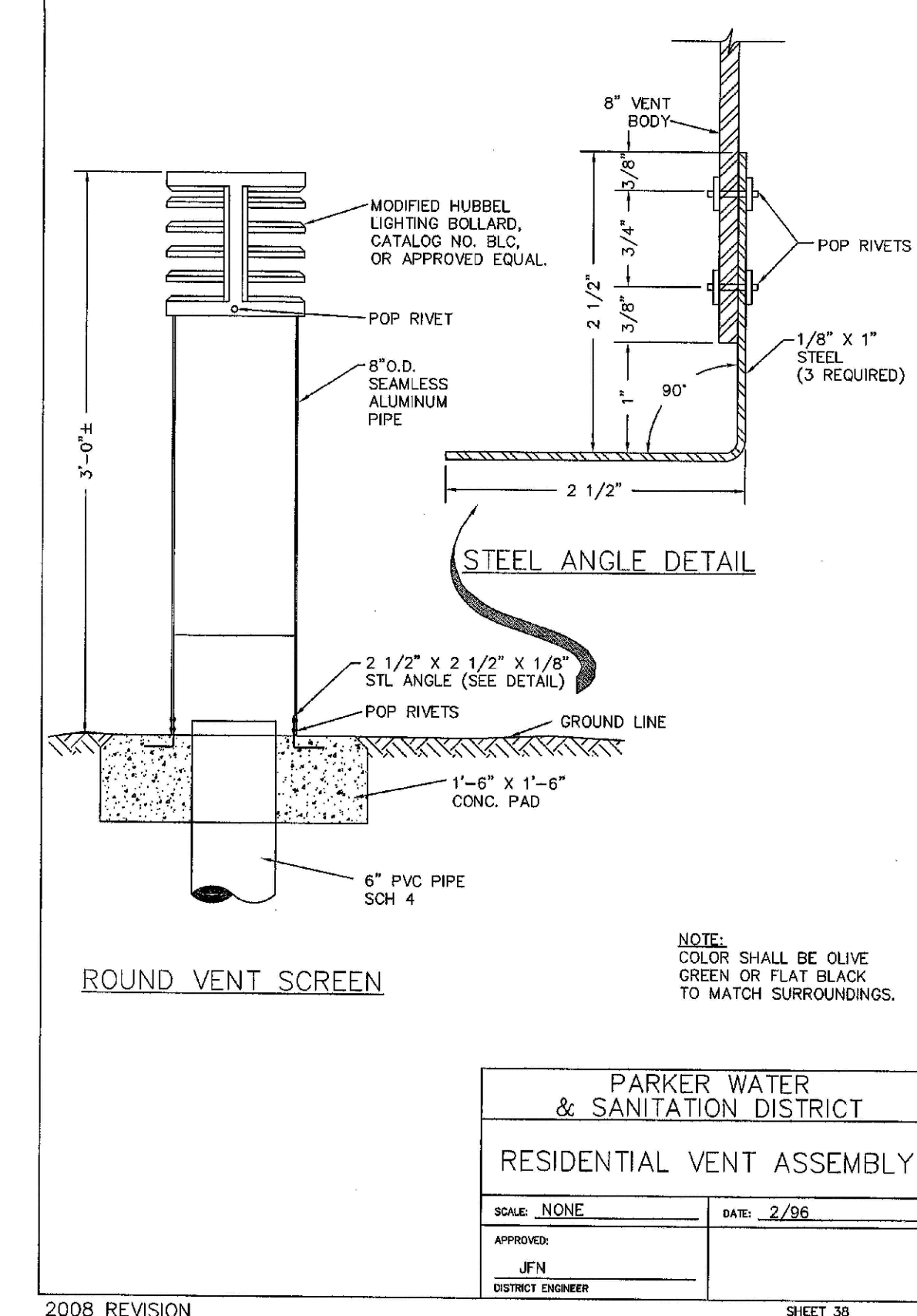
2008 REVISION SHEET 31



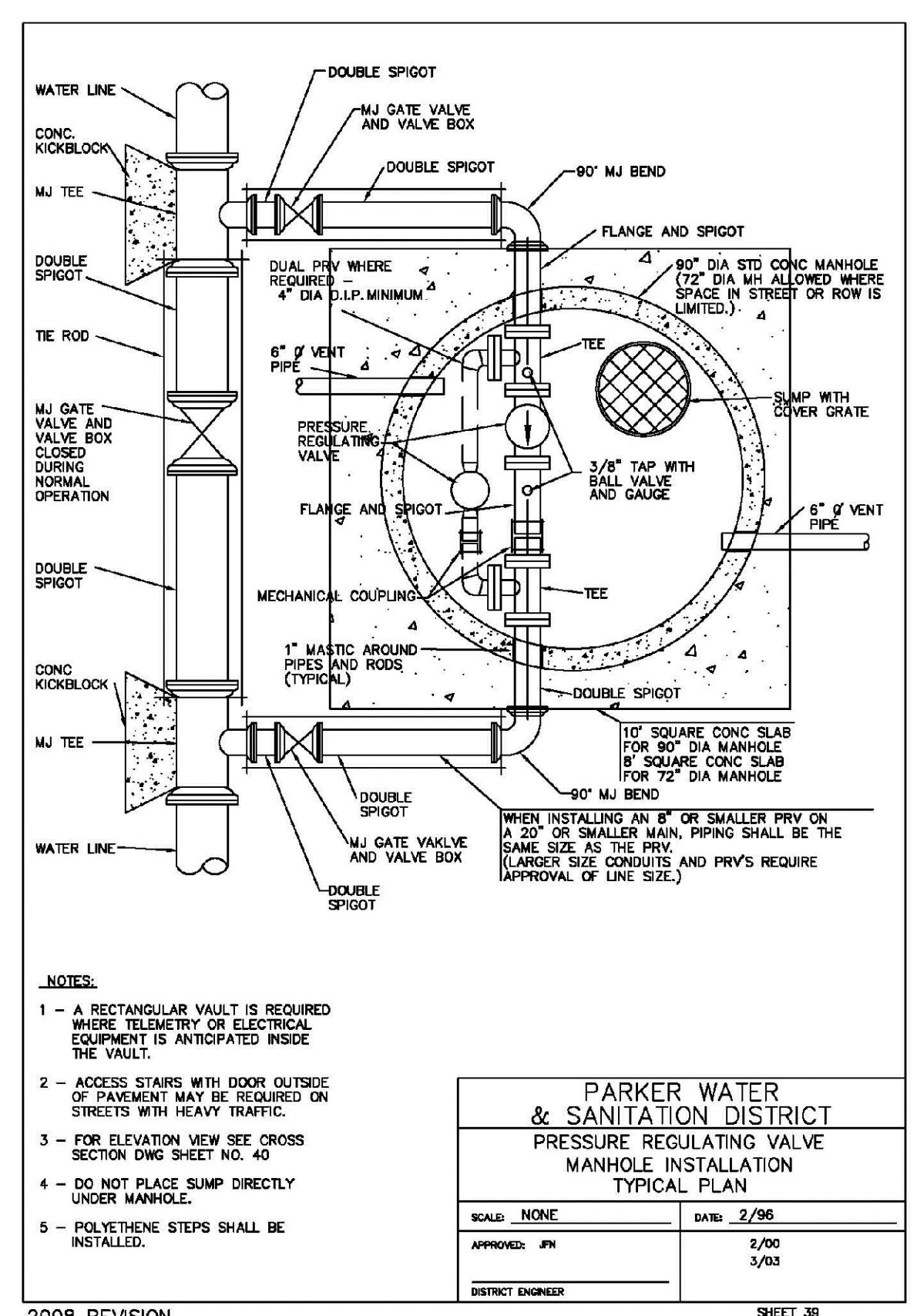
2008 REVISION SHEET 34



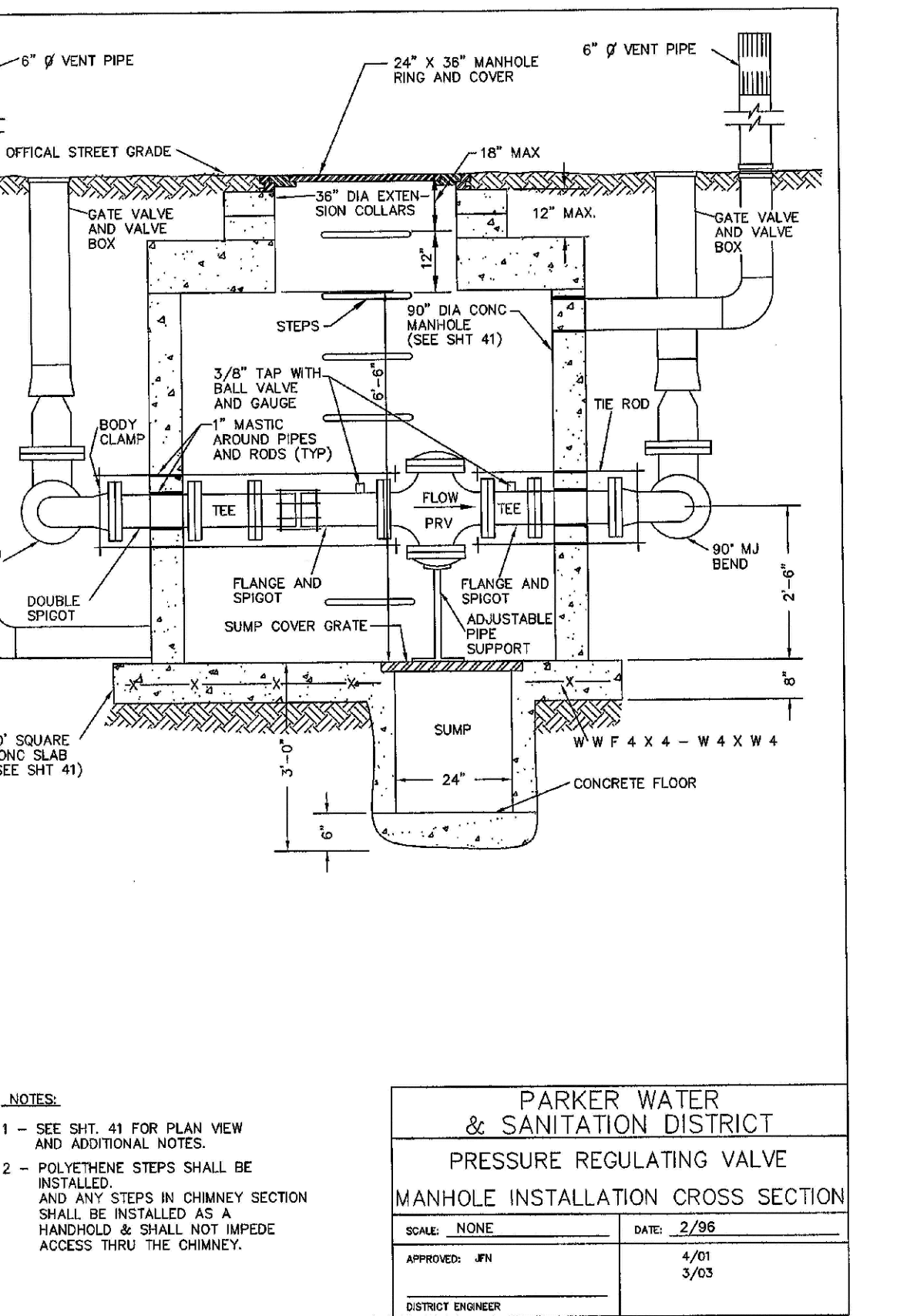
2008 REVISION SHEET 33



2008 REVISION SHEET 35



2008 REVISION SHEET 36



2008 REVISION SHEET 40

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 UNCC 1-800-922-1987
 UTILITY NOTIFICATION
 CENTER OF COLORADO

10333 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546

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EXX MANAGEMENT
 7353 South Alton Way CENTENNIAL, CO 80112

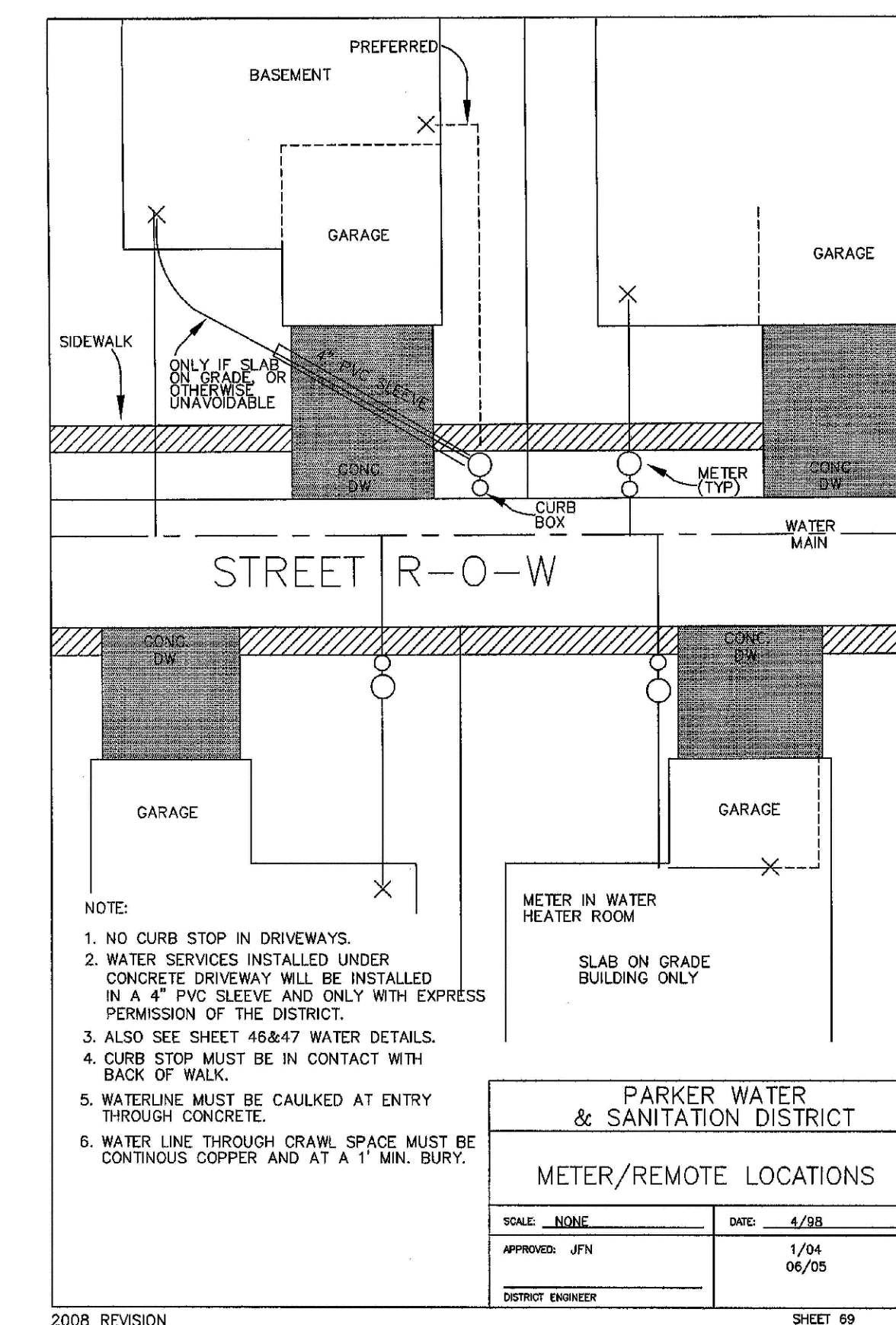
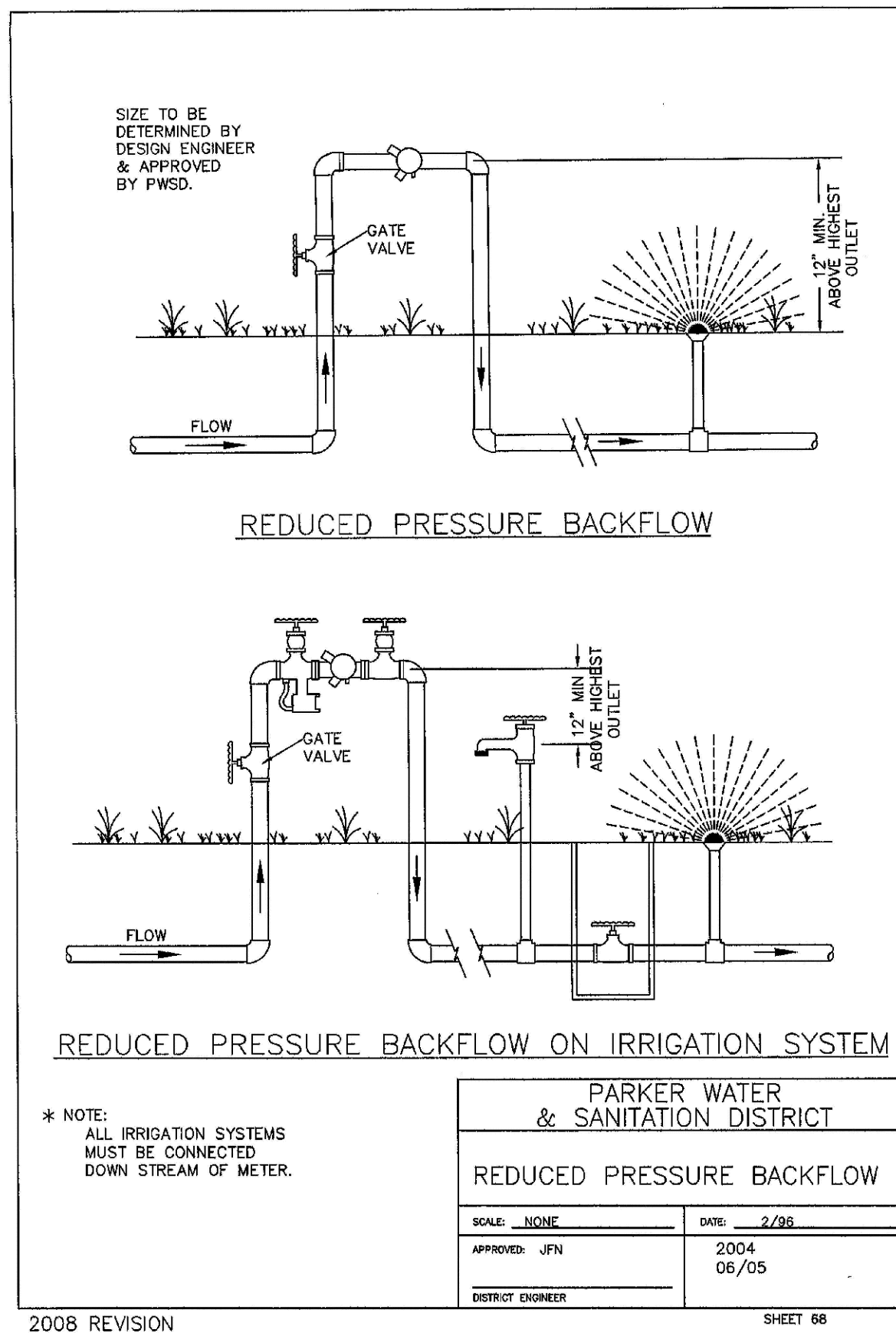
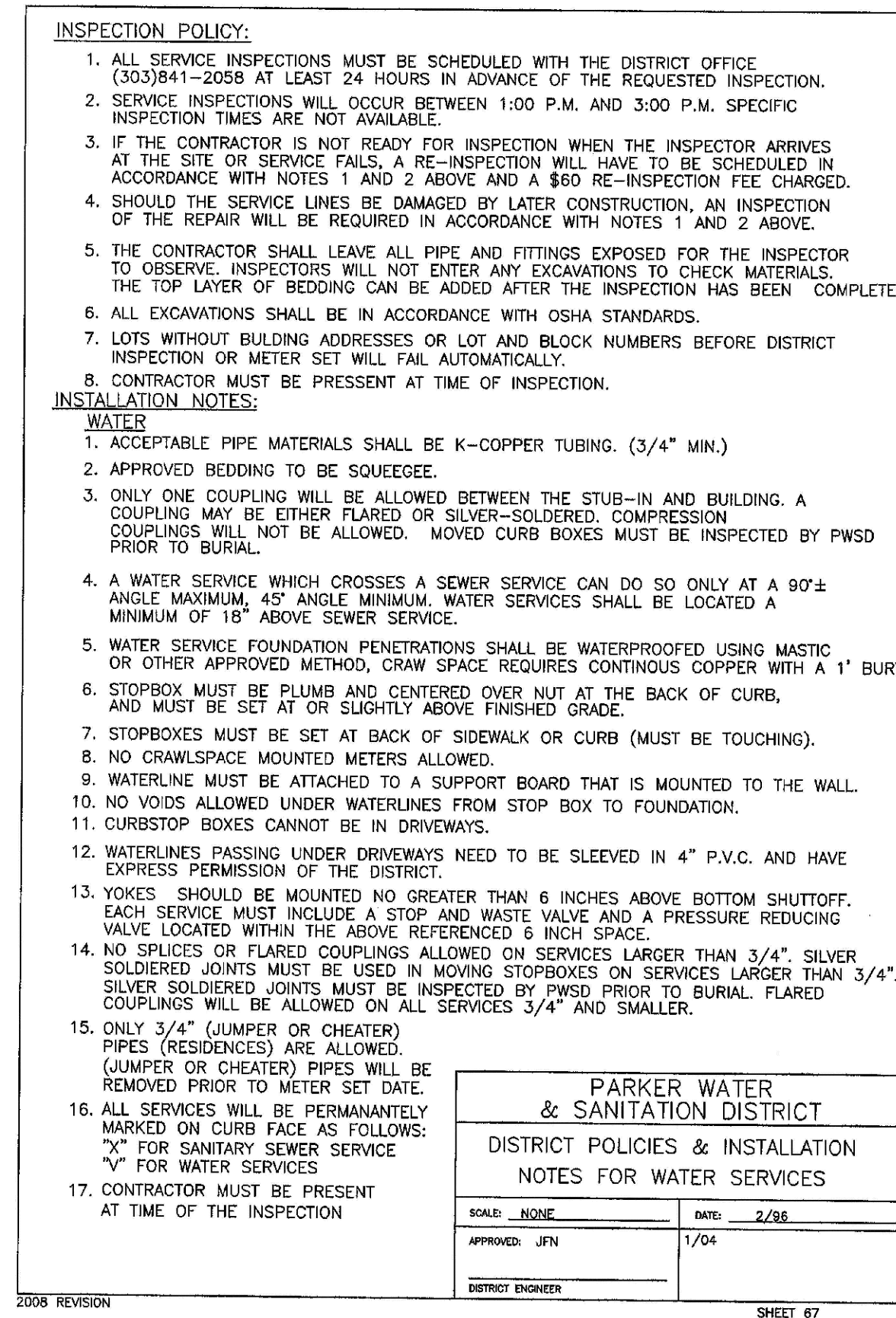
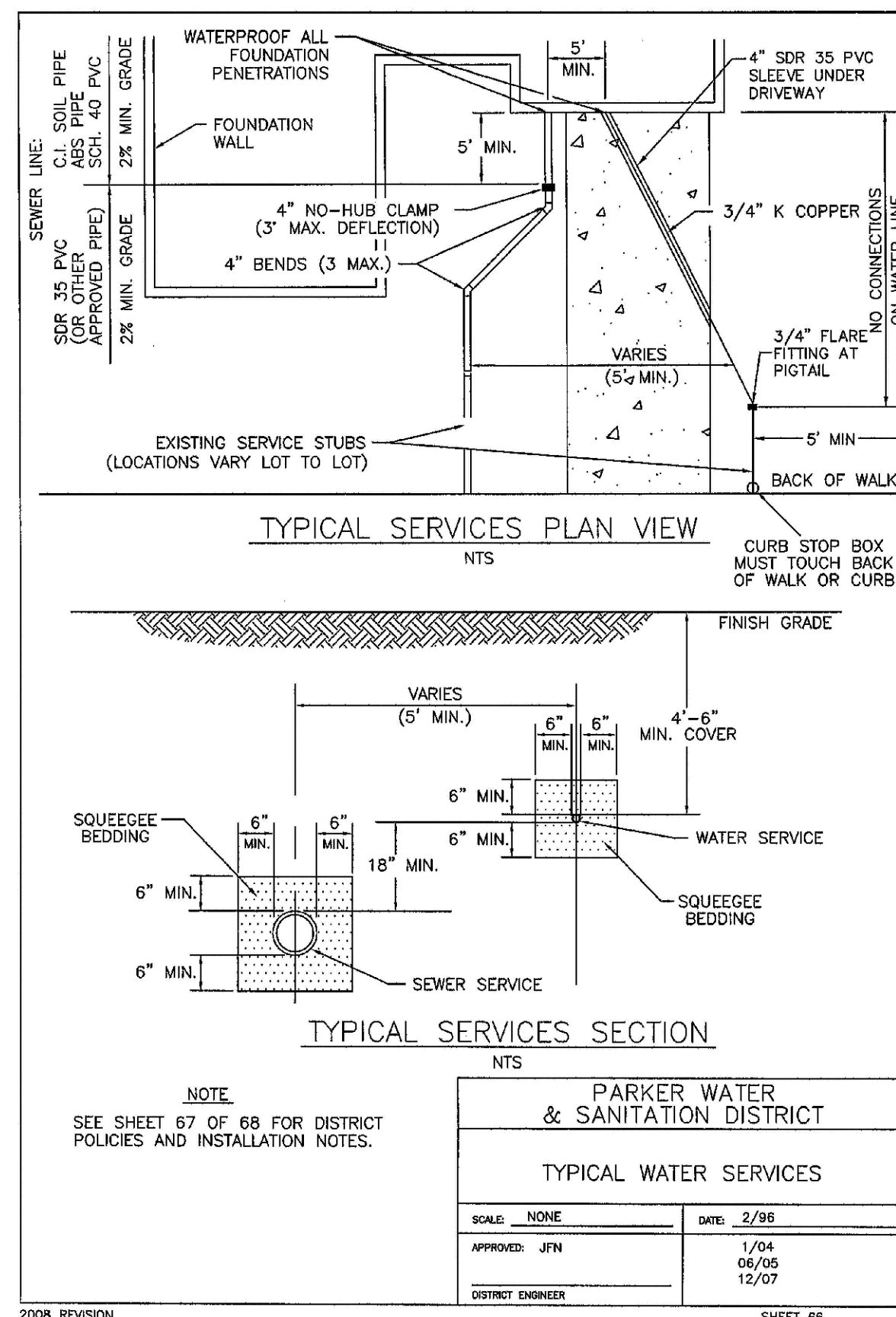
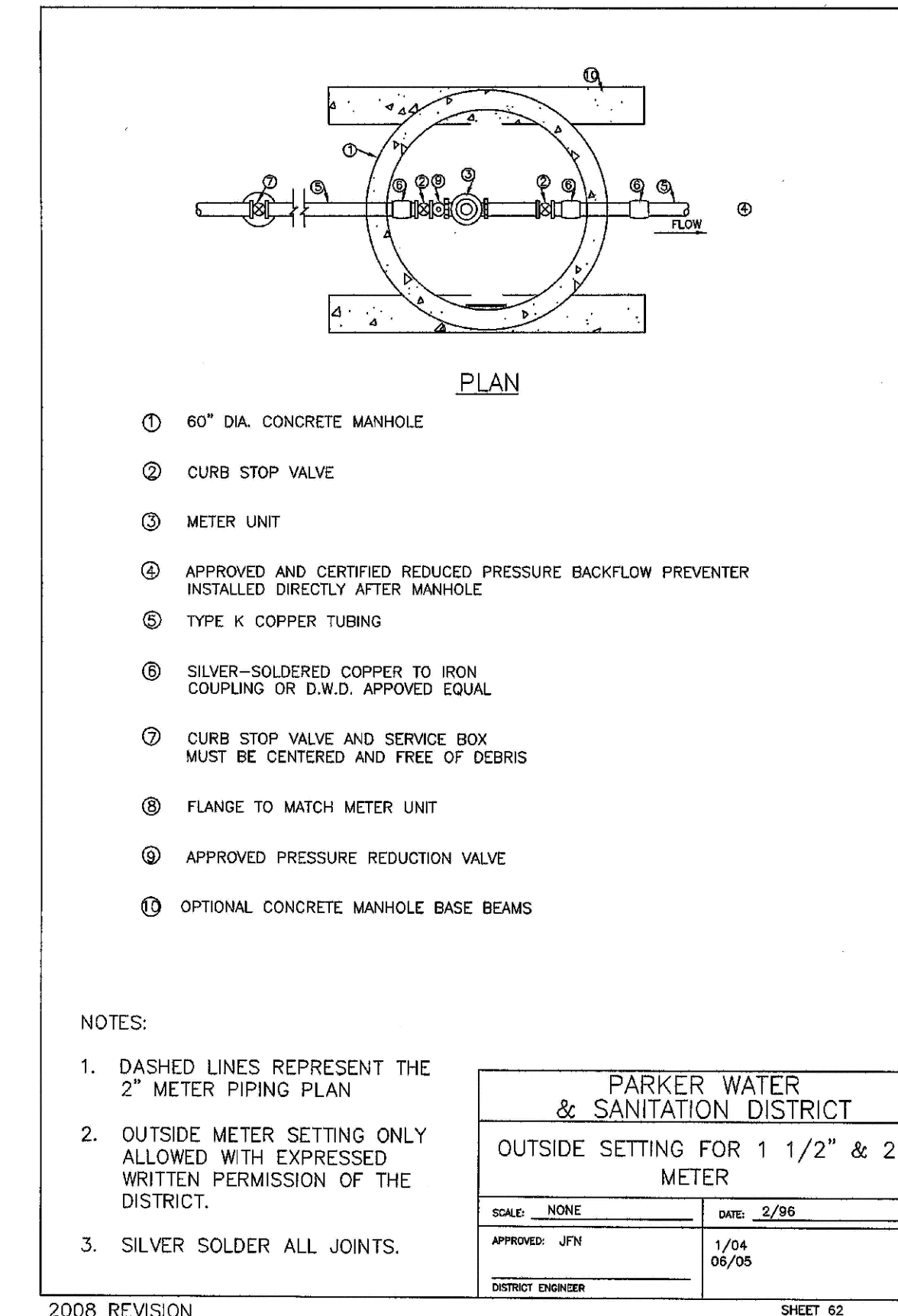
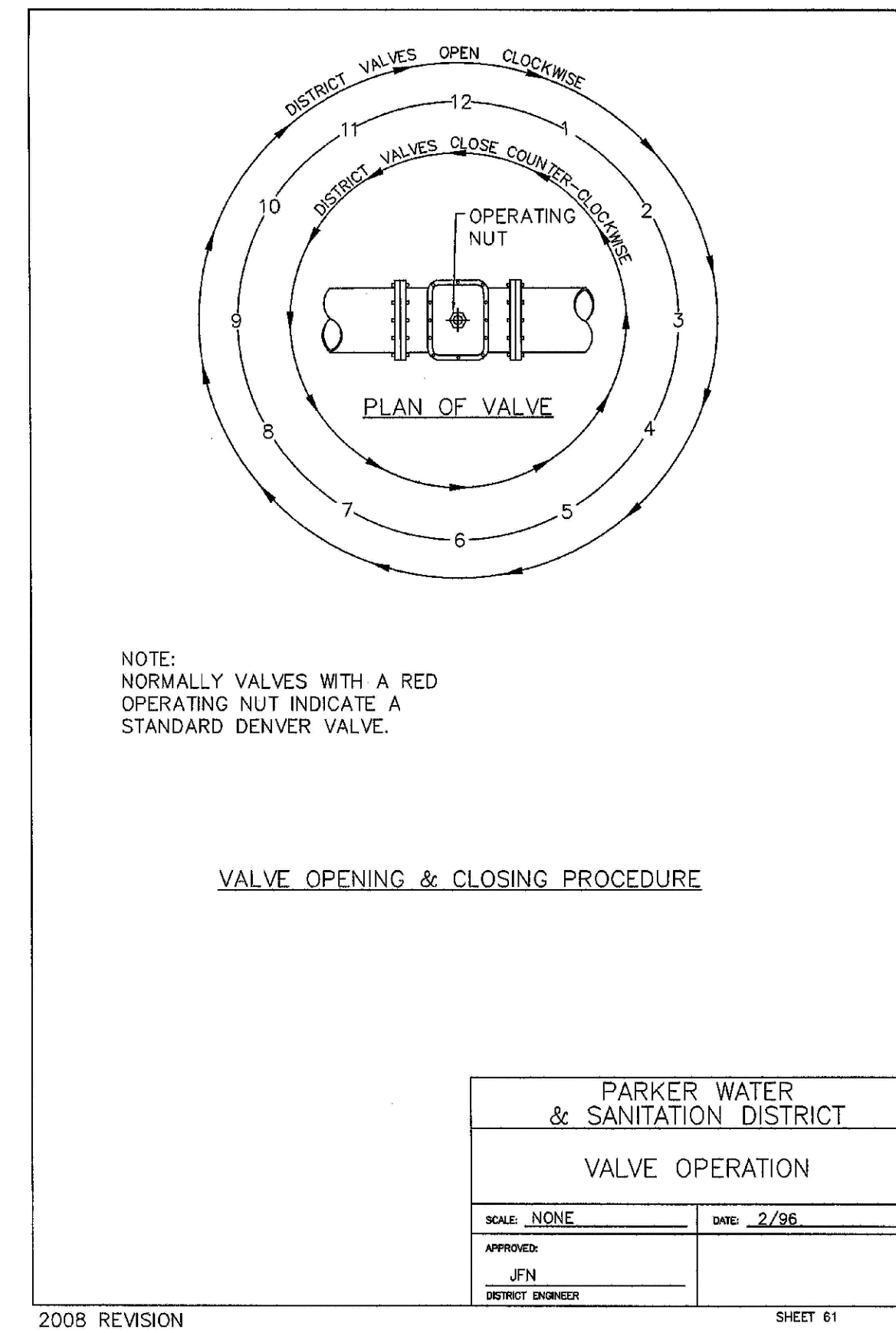
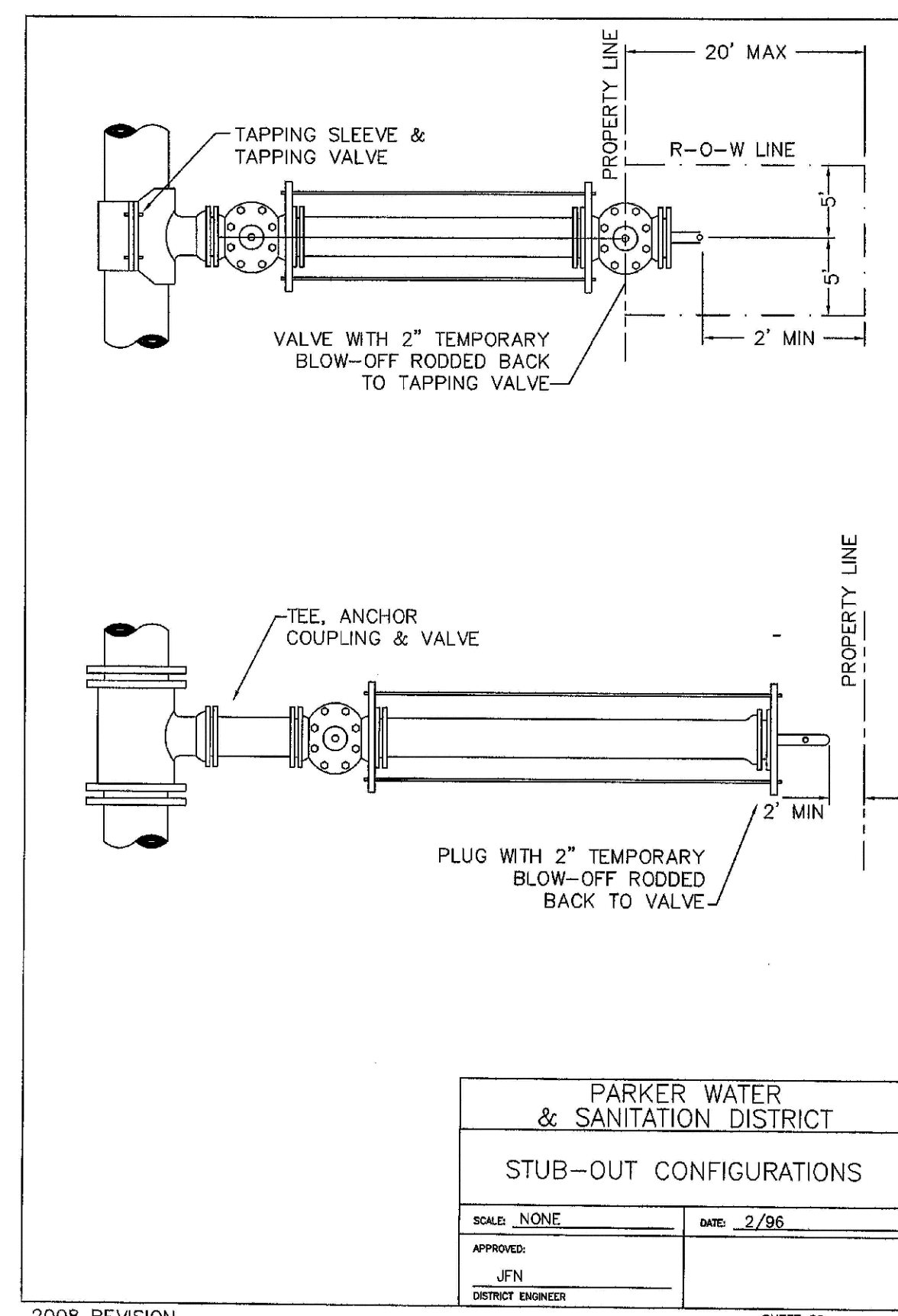
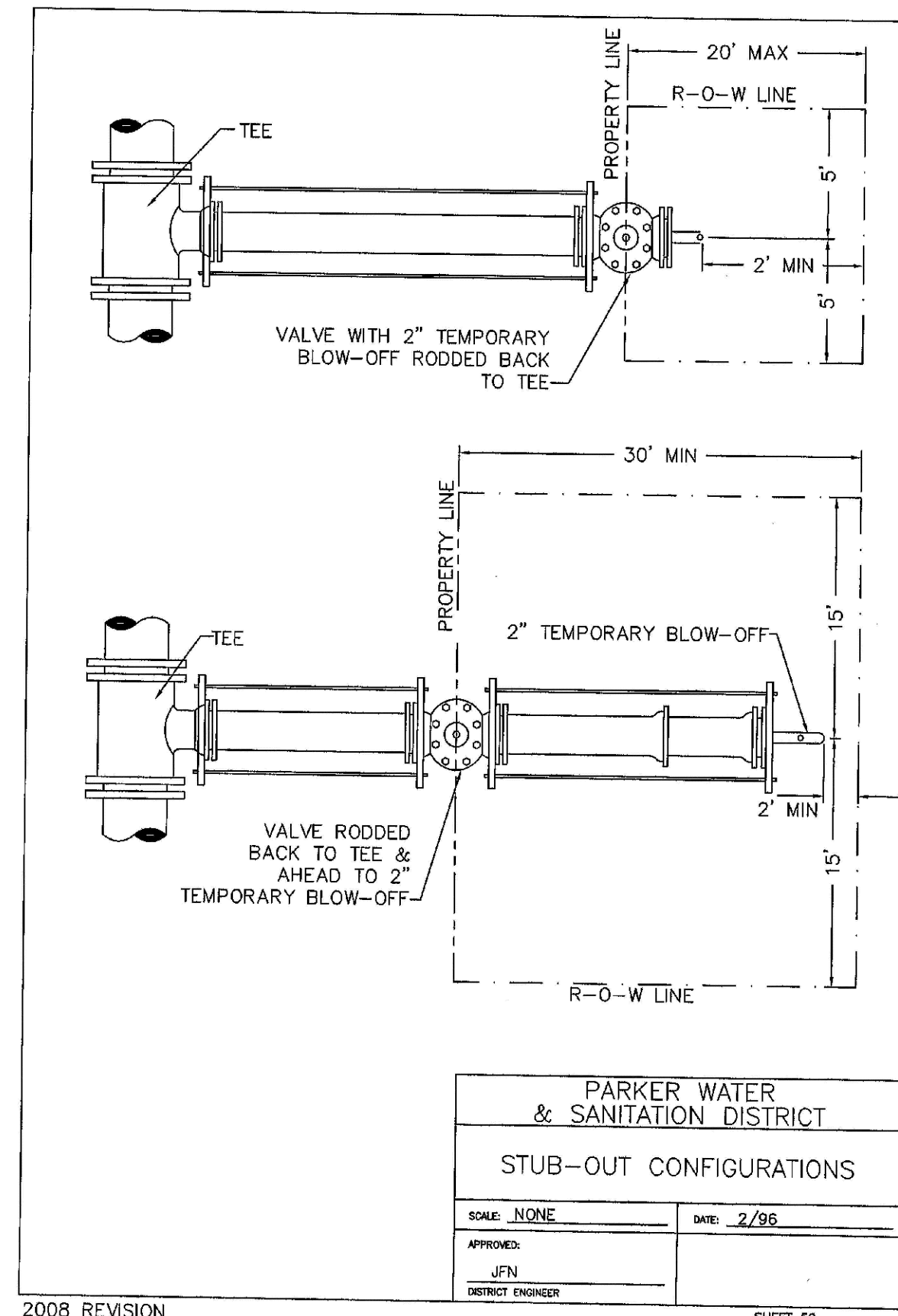
TRAILS AT CROWFOOT
 FILING 3 CONSTRUCTION DRAWINGS
 WATER DETAILS

SCALE: AS SHOWN
 FILE NO: 8130283701

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

SHEET NUMBER **19**

No.	Revisions	Date	Init.	Appr.	Date



N:\PROJECTS\BANCROFT\ENGINEERING\BANKSHEET SET\DCS\SPARKER WATER AND SANITATION\WATER DETAILS.DWG LAURAC. 8/7/2017 12:44 PM

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UTILITY NOTIFICATION
CENTER OF COLORADO

SCALE:	AS SHOWN	FILE NO:	8130283701
DRAWN BY:	JF	DATE:	APRIL 2017
CHECKED BY:	JJ		
SHEET NUMBER	21		

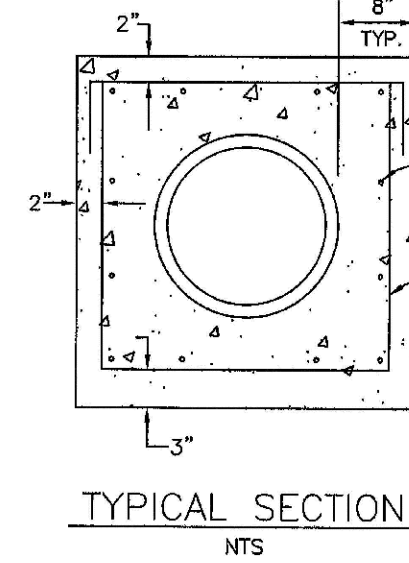
TRAILS AT CROWFOOT
FILING 3 CONSTRUCTION DRAWINGS
WATER DETAILS

ESX MANAGEMENT
7353 South Alton Way
CENTENNIAL, CO 80112

10333 E. Dry Creek Rd.
Suite 410
Englewood, CO 80150
Tel: (720) 482-9526
Fax: (720) 482-9546

CVL
CONSULTANTS

No.	Revisions	Date	Init.	Appr.	Date

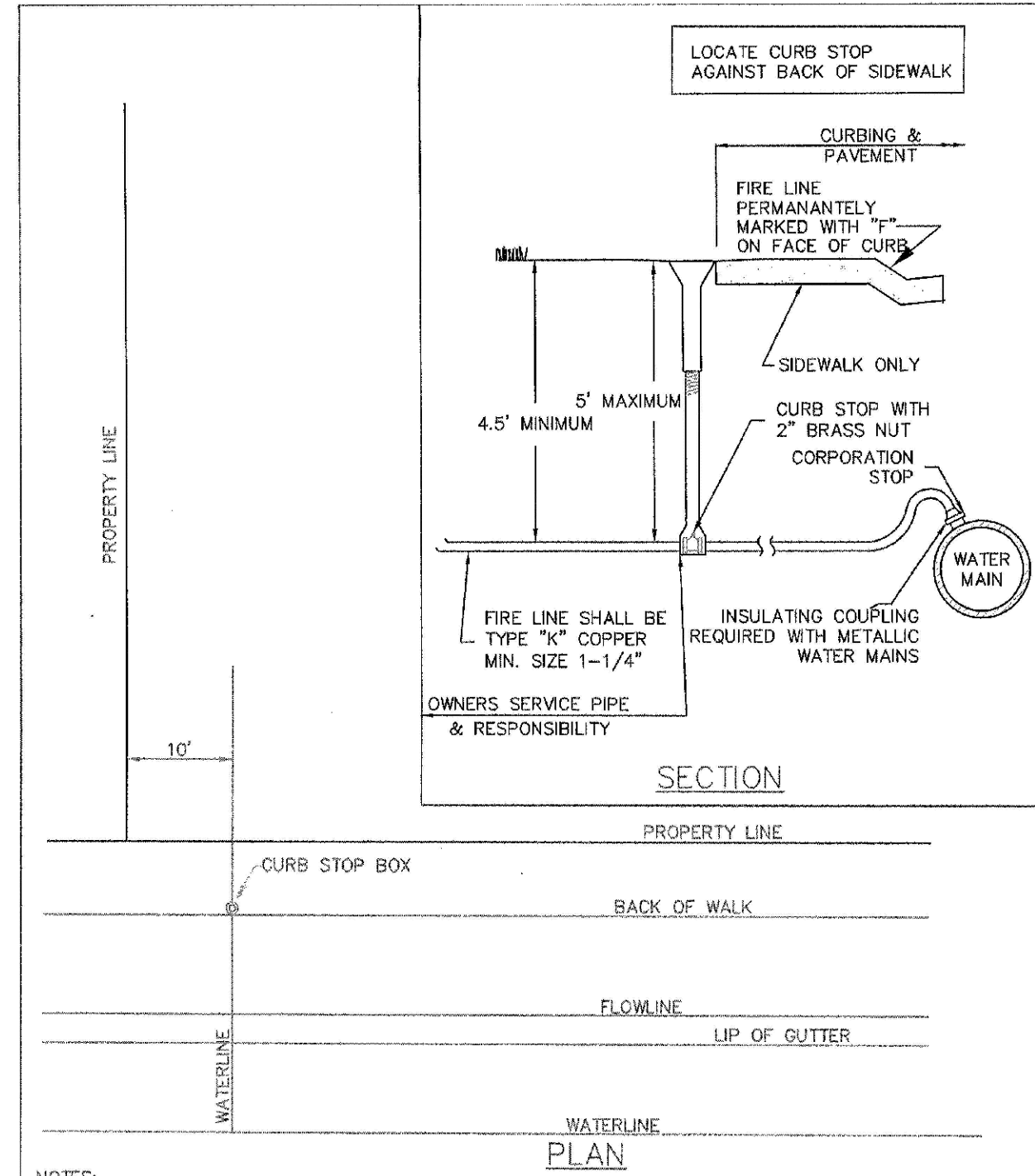


- NOTES:
1. ALL CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 PSI USING TYPE I PORTLAND CEMENT AND 3/4" AGGREGATE. ALL CONCRETE SHALL HAVE 5-7% ENTRAINED AIR CONTENT AND A MAXIMUM SLUMP OF 4".
 2. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
 3. ALL REINFORCEMENT SHALL HAVE 2" MIN. CONCRETE COVER.
 4. THE SUBGRADE SHALL BE COMPACTED TO 85% 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

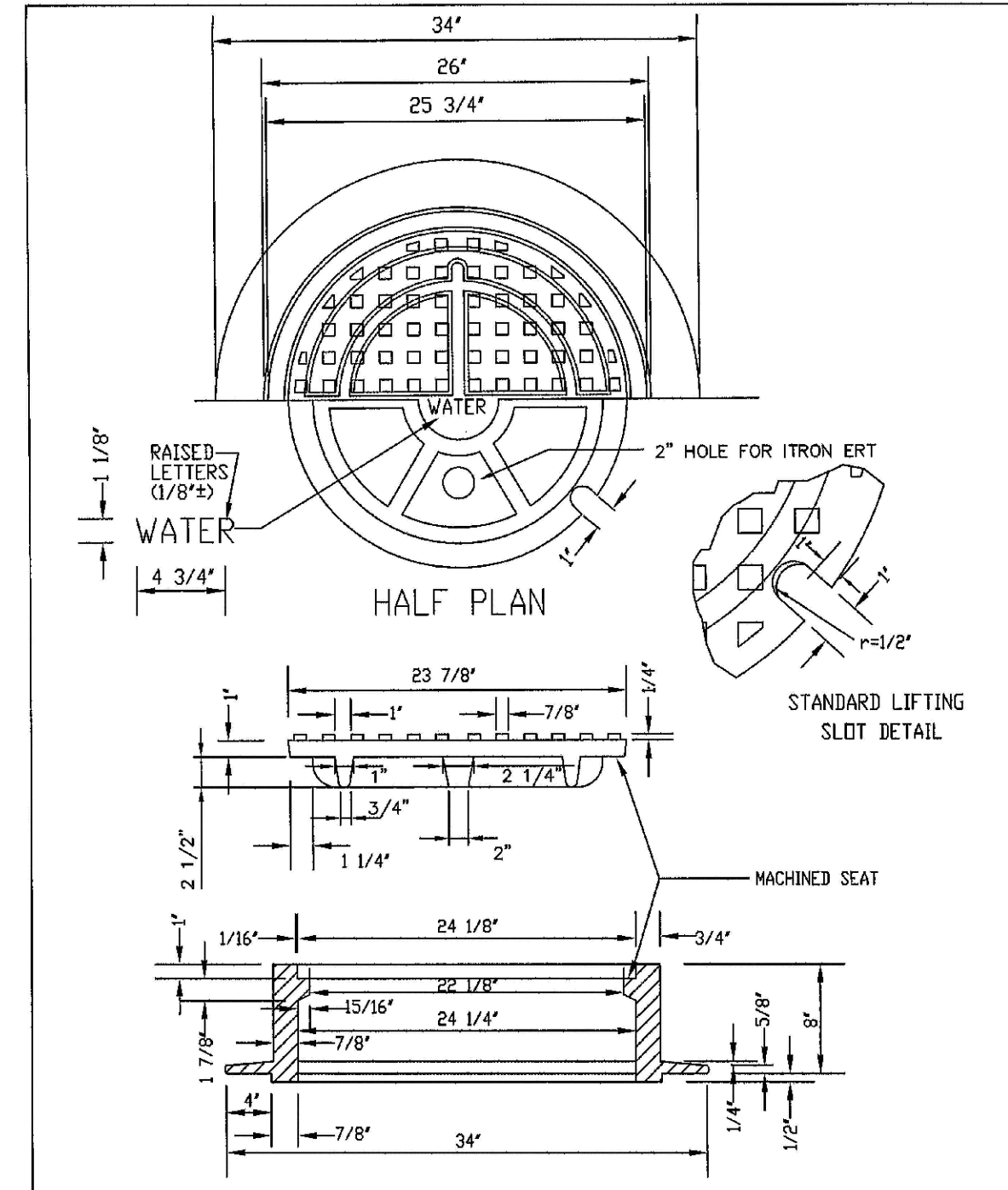


- NOTES:
1. AN "F" WILL BE PERMANENTLY MARKED ON CURB FACE OVER FIRE LINE.
 2. DOMESTIC WATER SERVICE SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET FROM THE FIRE LINE.
 3. SANITARY SEWER SERVICE SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET FROM THE WATER SERVICE (EITHER DOMESTIC OR FIRE LINE).

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

SHEET NUMBER	DRAWN BY: JF	CHECKED BY: JJ	DATE: APRIL 2017	SCALE:	AS SHOWN	FILE NO:	8130283701	TRAILS AT CROWFOOT FILING 3 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
				AS SHOWN													