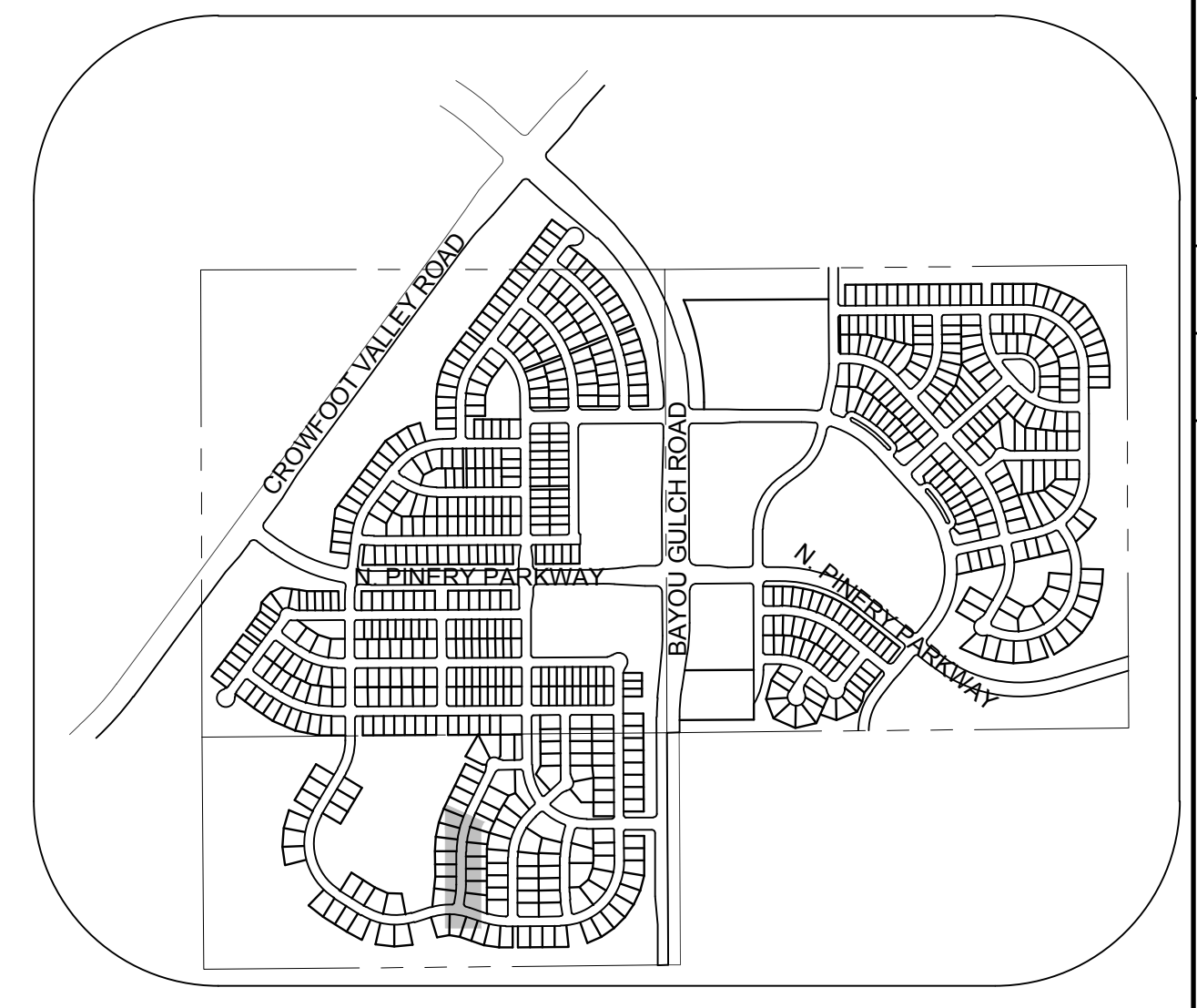
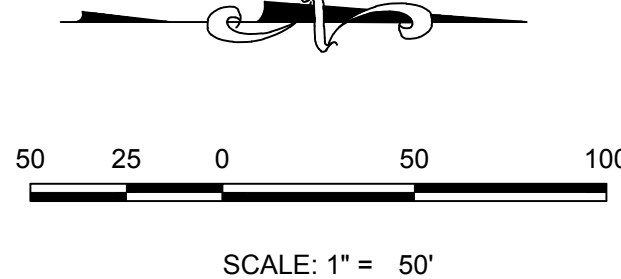


PLAN: SHASTA DAISY PT STA: 9+00.00 TO 15+50.00
HORIZONTAL SCALE: 1" = 50'

HP ELEV = 6175.67
HP STA = 13+34.46
PVI ELEV = 6176.92
PVI STA = 13+69.18
AD = -11.00%
K = 23.17
255.0' VC

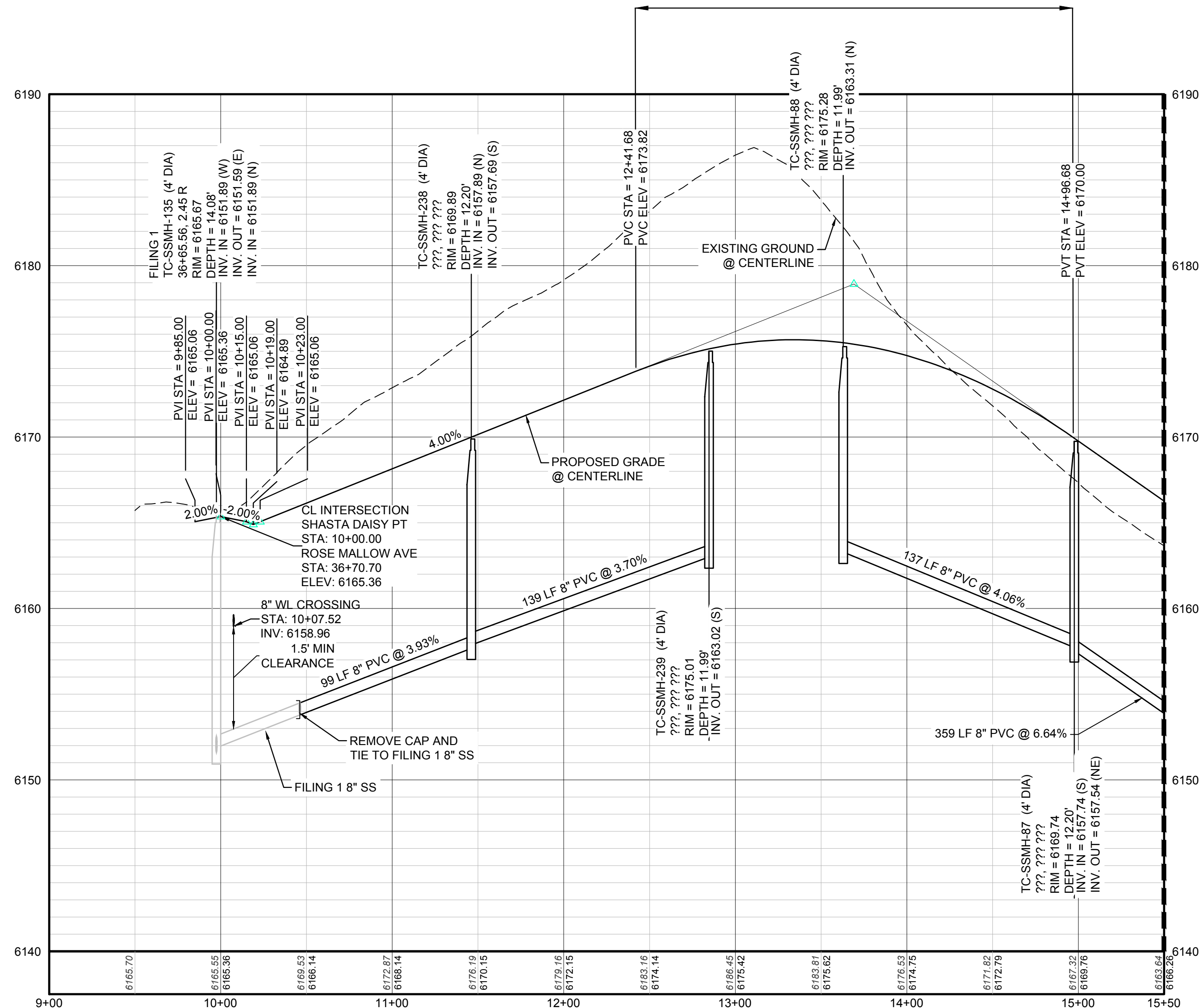


KEYMAP
N.T.S.
LEGEND

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	---	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
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EP	EDGE OF PAVEMENT	RCP	REINFORCED CONCRETE PIPE
EVC	END VERTICAL CURVE	CULVERT	CULVERT
EVP	END VERTICAL PROFILE	RCP	REINFORCED CONCRETE PIPE
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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	UE	UTILITY EASEMENT
K	CURVATURE COEFFICIENT	VC	VERTICAL CURVE
LF	LINEAR FEET	WL	WATER LINE
MH	MANHOLE	WSE	WATER SURFACE ELEVATION



PROFILE: SHASTA DAISY PT STA: 9+00.00 TO 15+50.00
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

BRIAN P. WILSON
COLORADO P.E. 0050067

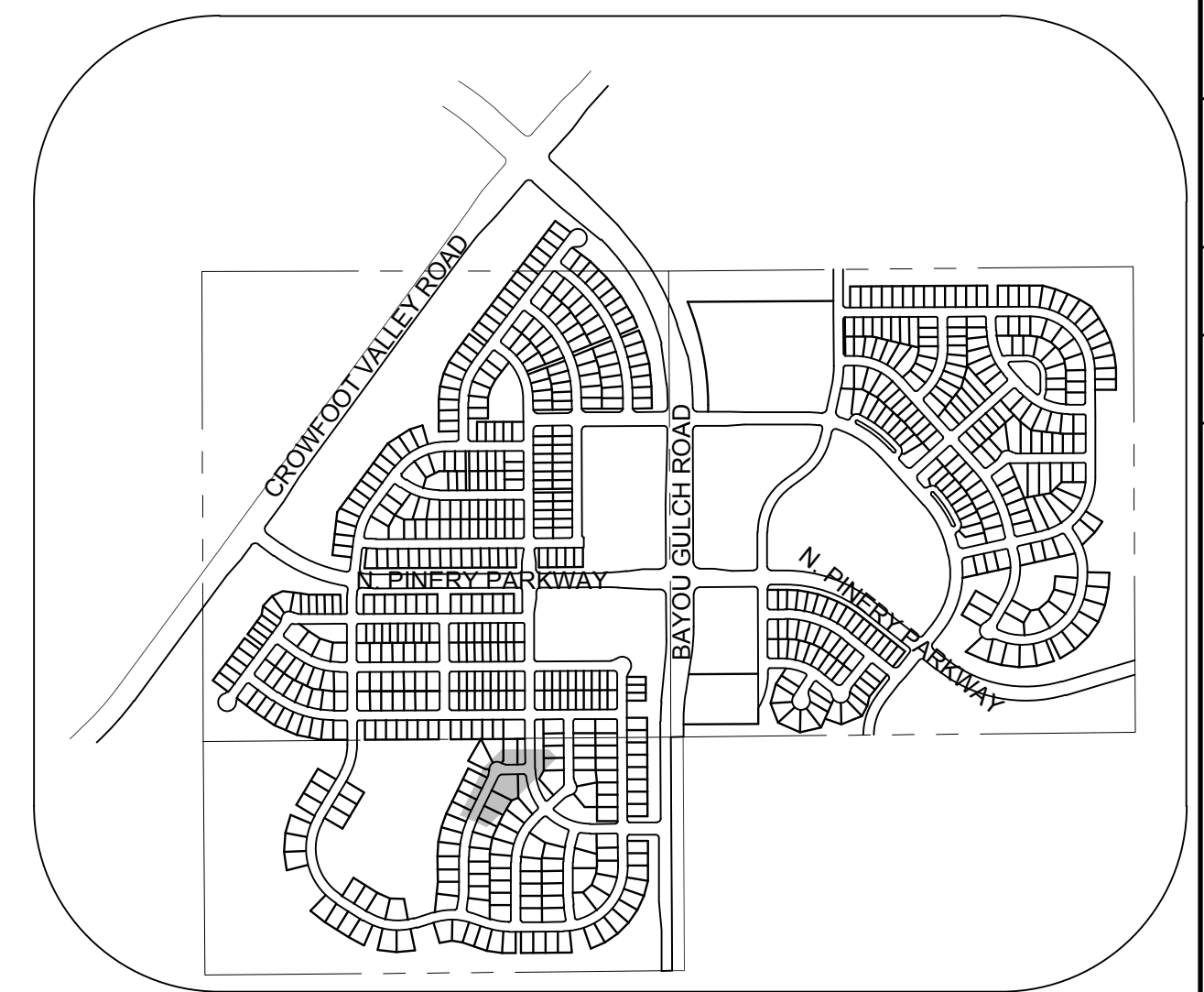
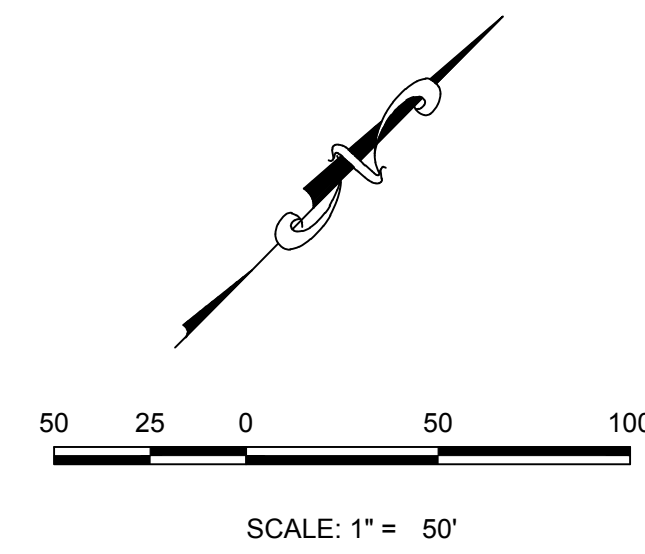
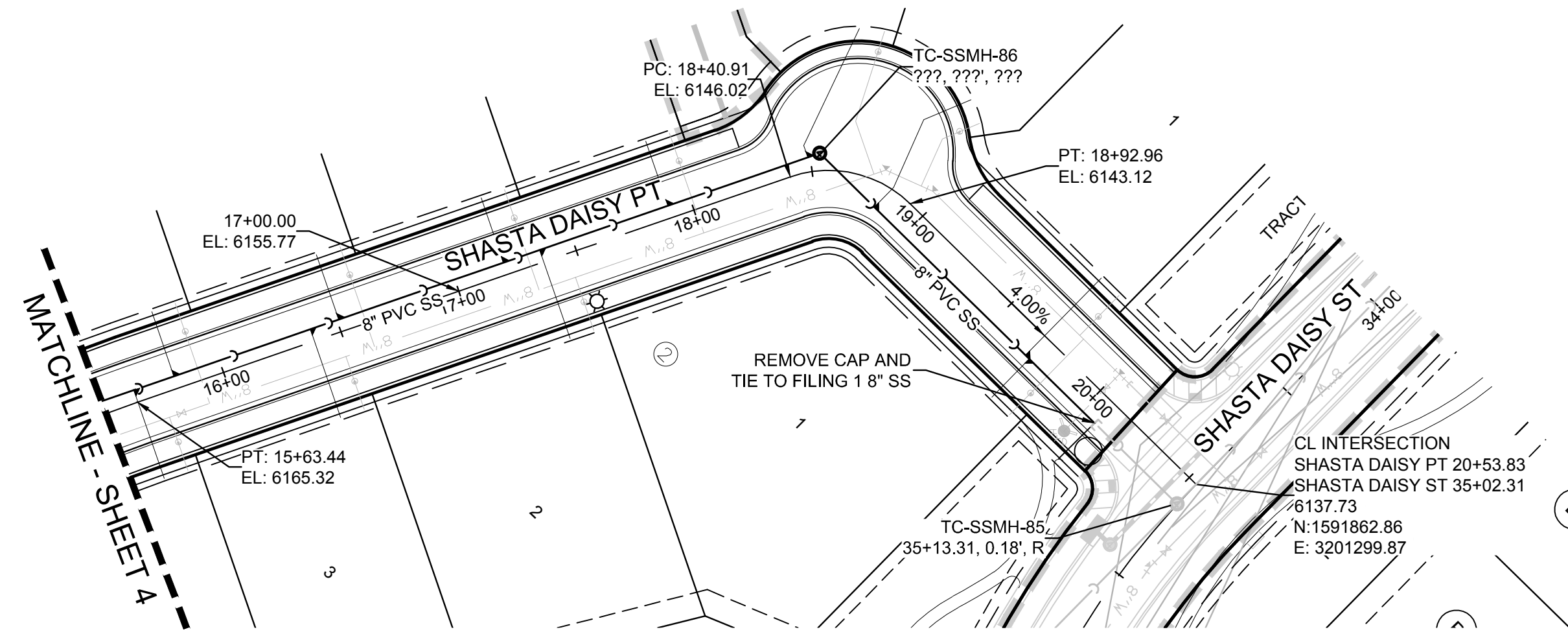
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BEFORE YOU DIG
UNCC 1-800-922-1987
UTILITY NOTIFICATION CENTER OF COLORADO

SHEET NUMBER	DRAWN BY: KJD	CHECKED BY: JJ	DATE: AUGUST 2017	SCALE:	AS SHOWN	FILE NO:	8130283701
				TRAILS AT CROWFOOT FILING 7 CONSTRUCTION DRAWINGS SANITARY SEWER PLAN AND PROFILE SHASTA DAISY POINT			
4	NO.	REVISIONS	DATE	INIT.	APPR.	DATE	DATE

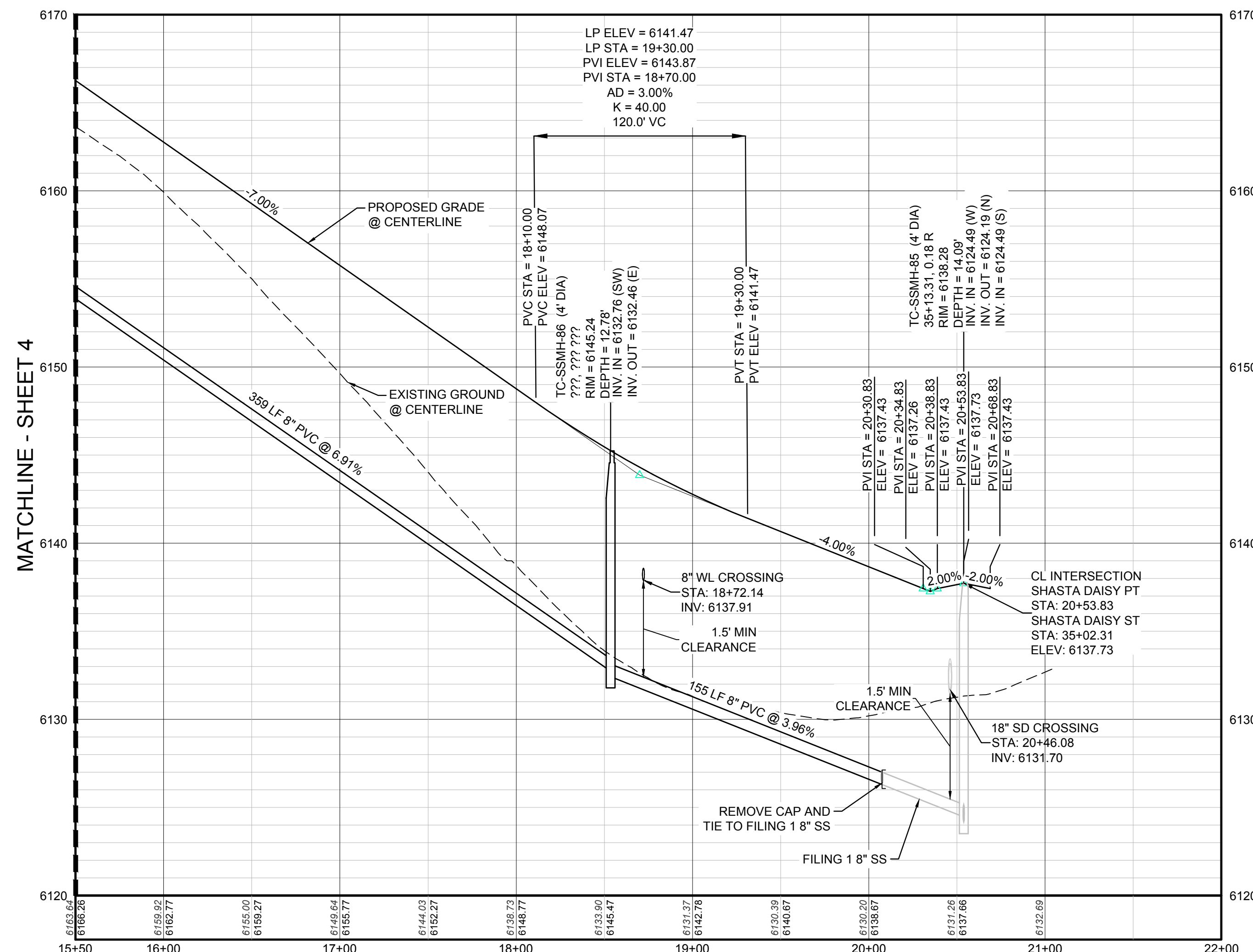
10339 E. Dry Creek Rd.
Suite 410
Englewood, Colorado 80110
Tel: (720) 482-9526
Fax: (720) 482-9546

CVL
CONSULTANTS



KEYMAP
N.T.S.

PLAN: SHASTA DAISY PT STA: 15+50.00 TO 22+00.00
HORIZONTAL SCALE: 1" = 50'



PROFILE: SHASTA DAISY PT STA: 15+50.00 TO 22+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

LEGEND

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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
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Ⓜ	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	---	FO
Ⓜ	PROPOSED STORM DRAIN INLET	---	EXISTING FIBER OPTIC LINE
Ⓜ	PROPOSED STORM DRAIN MANHOLE	---	EXISTING OVERHEAD HIGH VOLTAGE LINE
		---	EXISTING TELEPHONE LINE

ABBREVIATIONS

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K	CURVATURE COEFFICIENT	VC	VERTICAL CURVE
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CONSULTANTS

ESX MANAGEMENT
7353 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FILING 7 CONSTRUCTION DRAWINGS
SANITARY SEWER PLAN AND PROFILE
SHASTA DAISY POINT

SCALE: AS SHOWN
DRAWN BY: KJD
CHECKED BY: JJ
DATE: AUGUST 2017
FILE NO: 8130283701

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UTILITY NOTIFICATION CENTER OF COLORADO

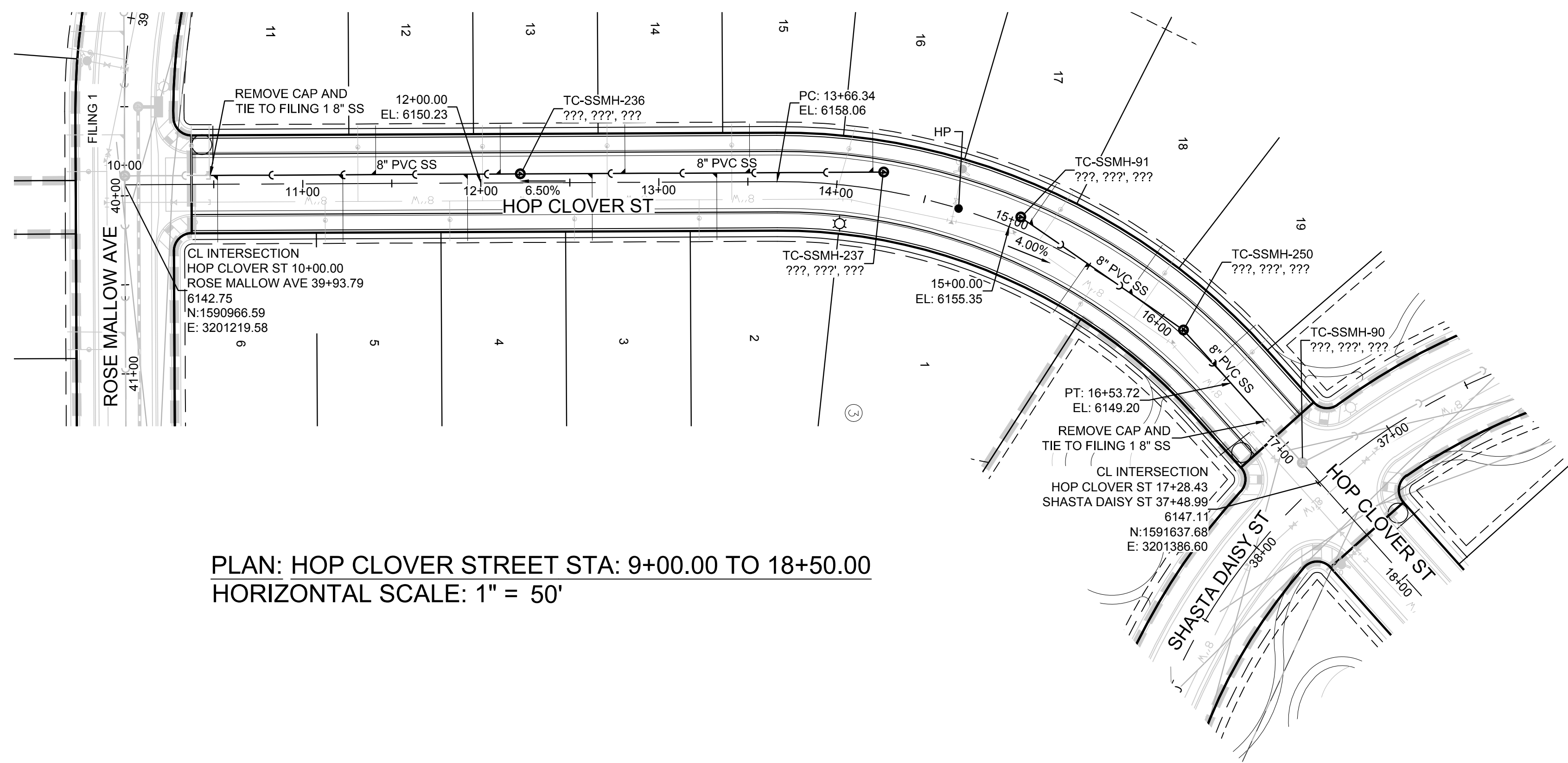
BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

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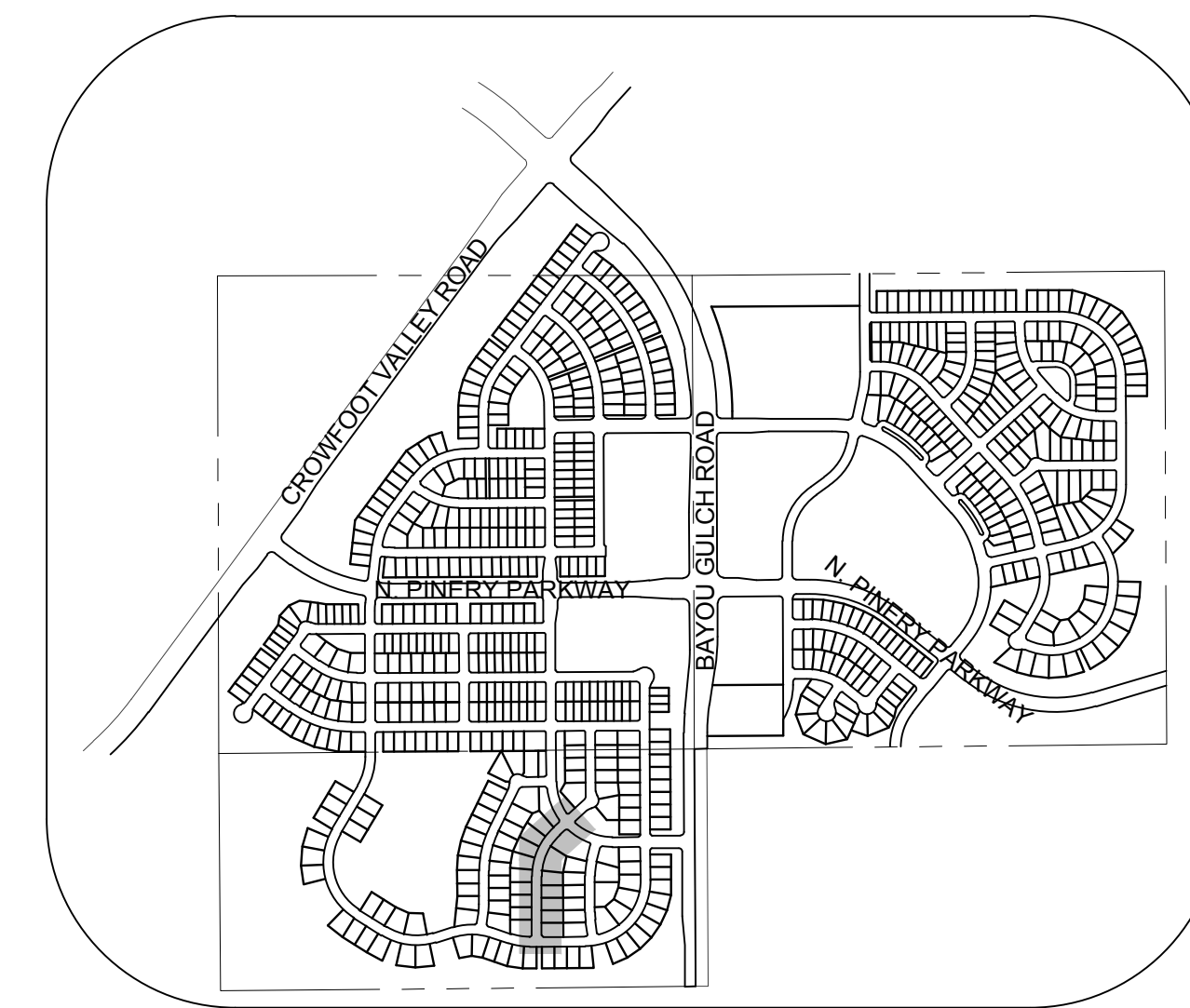
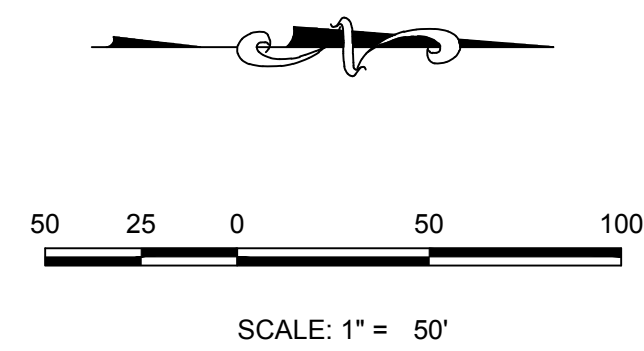
PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

SHEET NUMBER
5

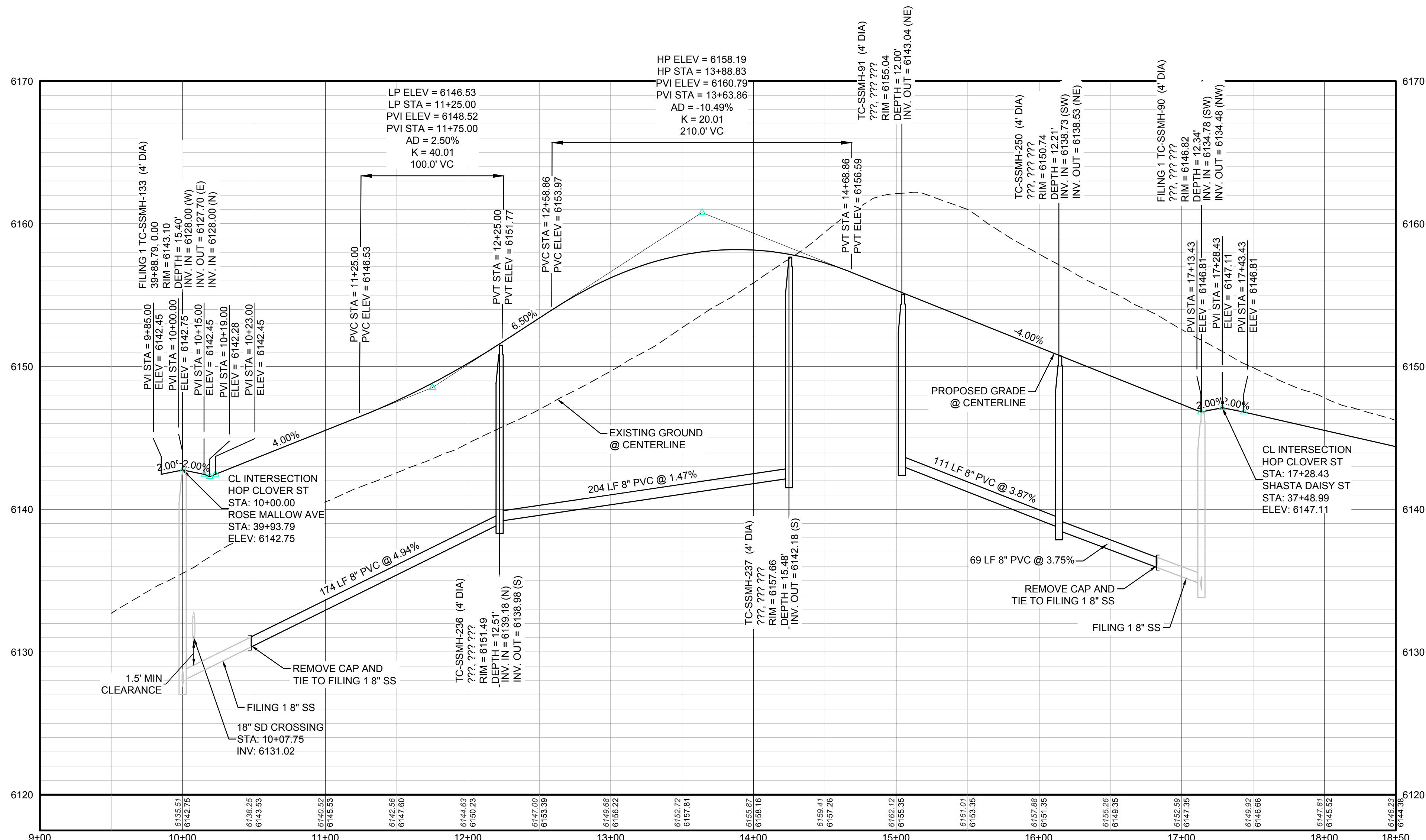


PLAN: HOP CLOVER STREET STA: 9+00.00 TO 18+50.00
HORIZONTAL SCALE: 1" = 50'



KEYMAP
N.T.S.
LEGEND

⊙	BLOCK NUMBER	△	PROPOSED RANGE POINT
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⊞	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
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⊞	PROPOSED FLARED END SECTION	---	PROPOSED 5' CONTOUR
⊞	PROPOSED LOW POINT BLOW-OFF	---	PROPOSED 1' CONTOUR
⊞	PROPOSED AIR VALVE	---	PROPOSED STORM DRAIN
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⊞	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



PROFILE: HOP CLOVER ST STA: 9+00.00 TO 18+50.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

ABBREVIATIONS

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

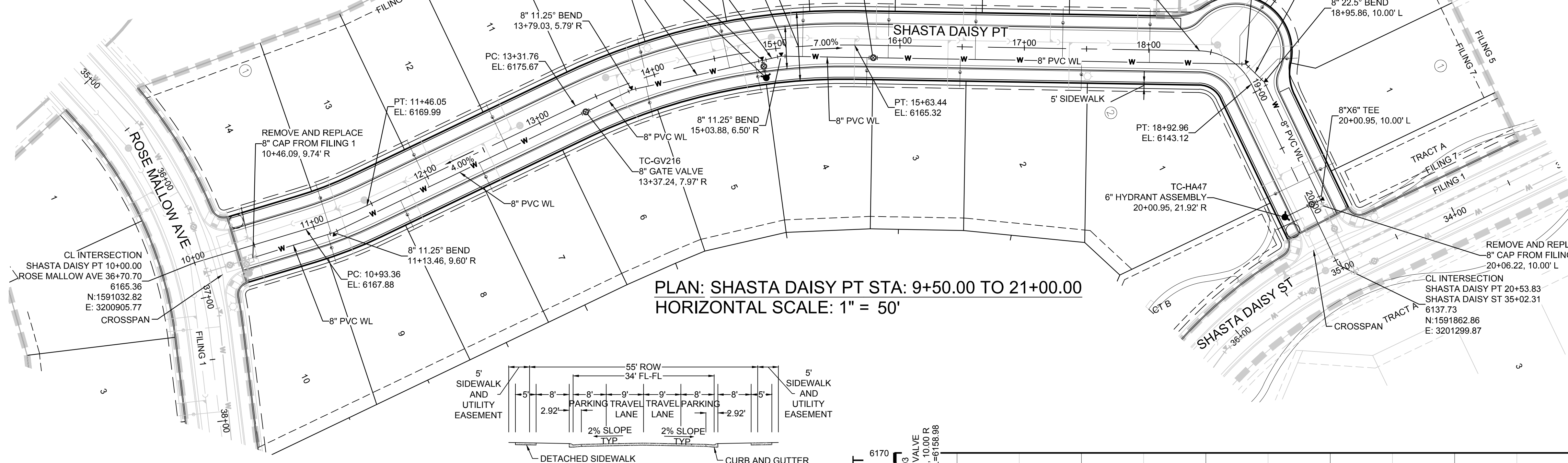
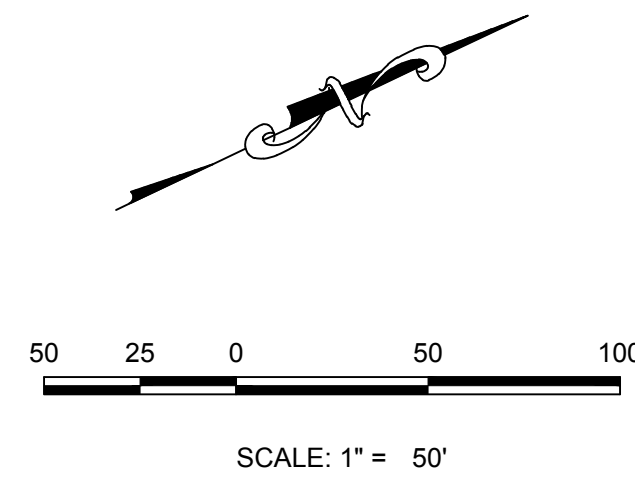
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COLORADO P.E. 0050067

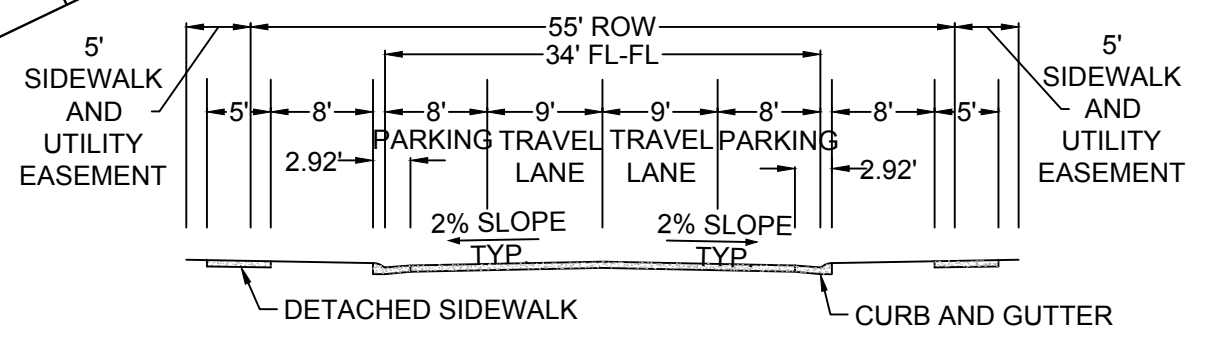
BENCHMARK
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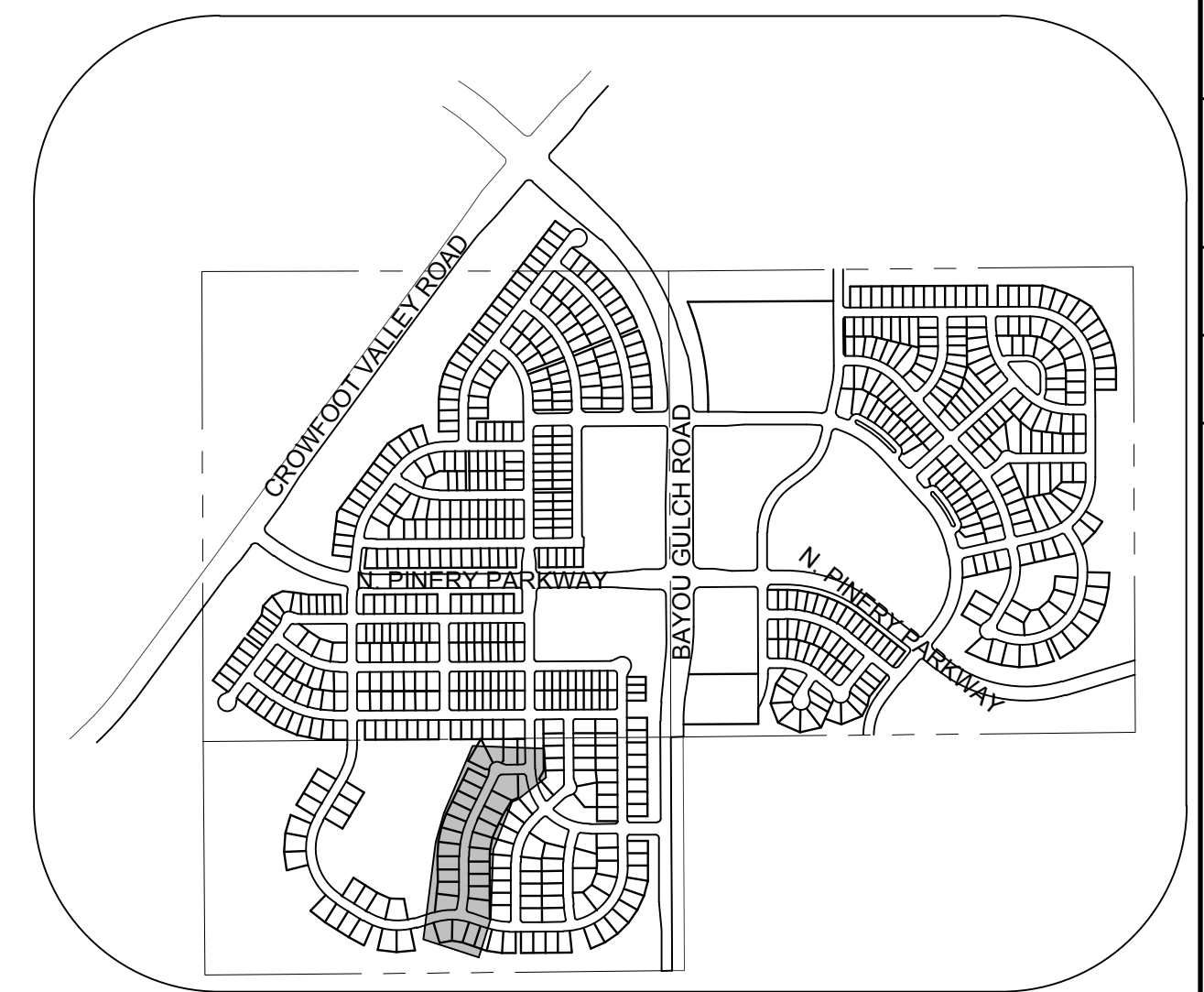
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					No.		
6	TRAILS AT CROWFOOT FILING 7 CONSTRUCTION DRAWINGS SANITARY SEWER PLAN AND PROFILE HOP CLOVER STREET				ES&M MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112		
	10333 E. Dry Creek Rd. Suite 6410 Englewood, CO 80110 Tel: (720) 482-9526 Fax: (720) 482-9548				CVL CONSULTANTS		



PLAN: SHASTA DAISY PT STA: 9+50.00 TO 21+00.00
HORIZONTAL SCALE: 1" = 50'



RESIDENTIAL LOCAL

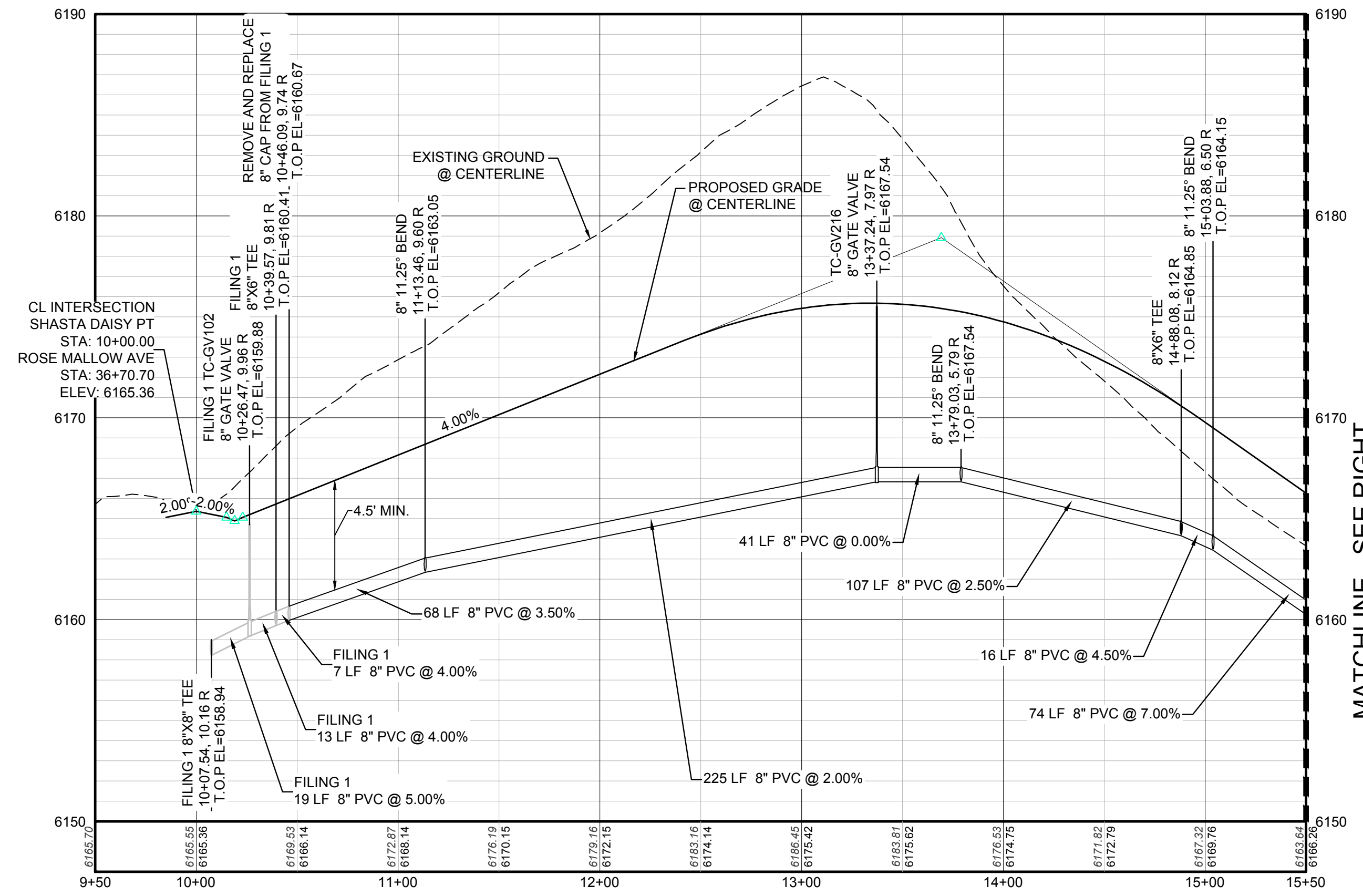


KEYMAP
N.T.S.
LEGEND

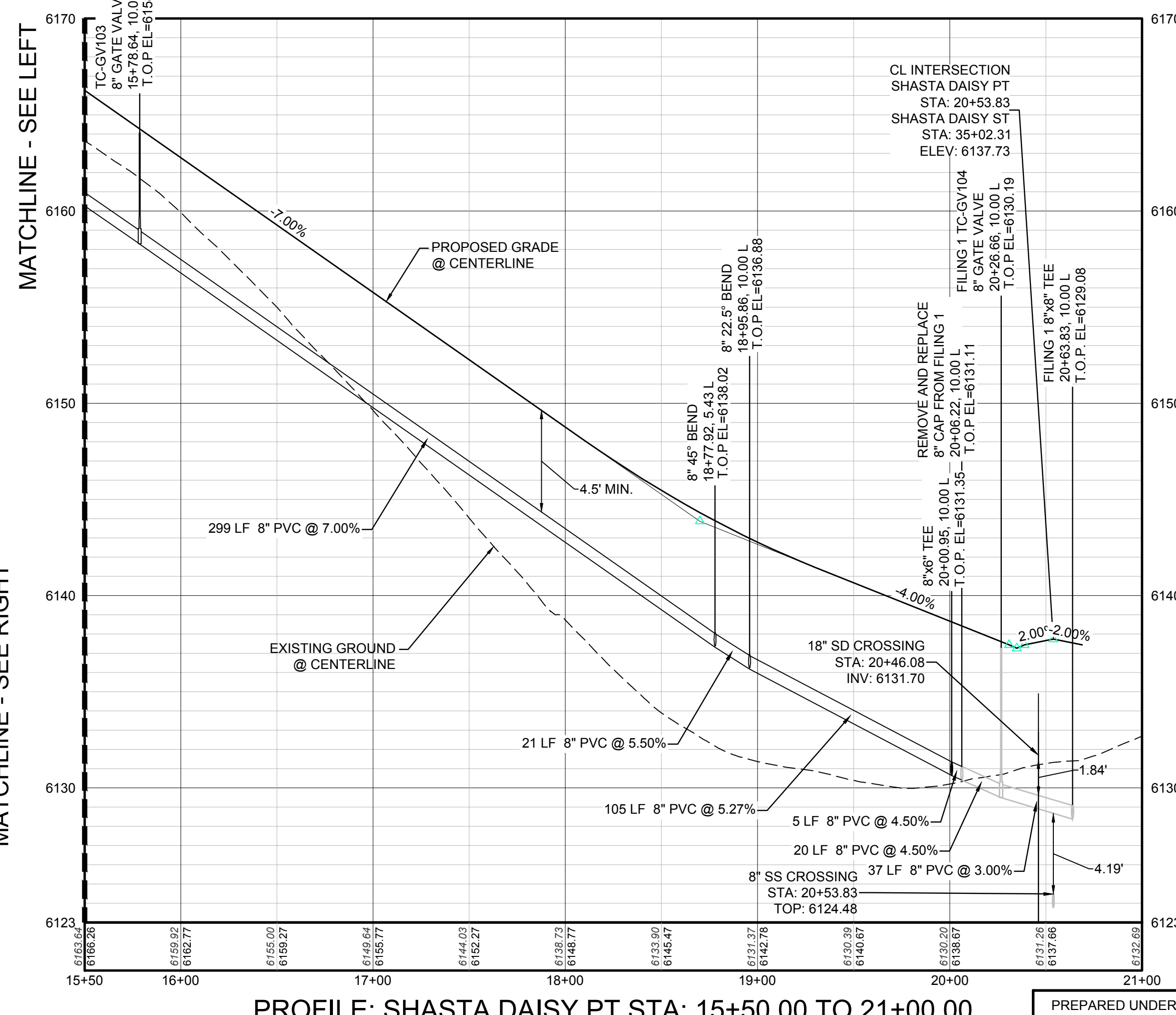
②	BLOCK NUMBER	△	PROPOSED RANGE POINT
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Ⓜ	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
Ⓜ	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
Ⓜ	PROPOSED FIRE HYDRANT	5615	EXISTING 5' CONTOUR
Ⓜ	PROPOSED WL FITTING WITH THRUST BLOCK	5616	EXISTING 1' CONTOUR
Ⓜ	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 SEWER LATERAL
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PROFILE: SHASTA DAISY PT STA: 9+50.00 TO 15+50.00
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PROFILE: SHASTA DAISY PT STA: 15+50.00 TO 21+00.00
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PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
 COLORADO P.E. 0050067

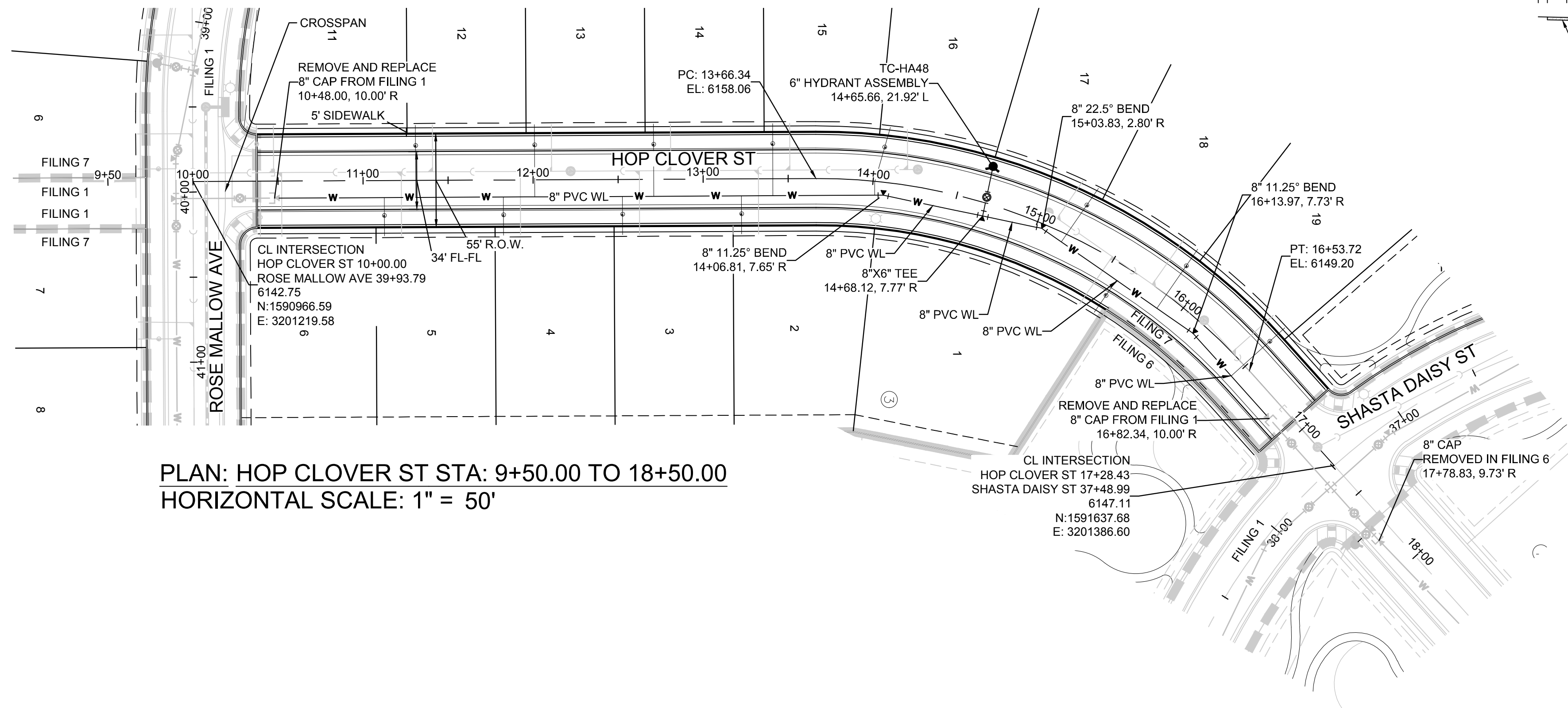
BENCHMARK
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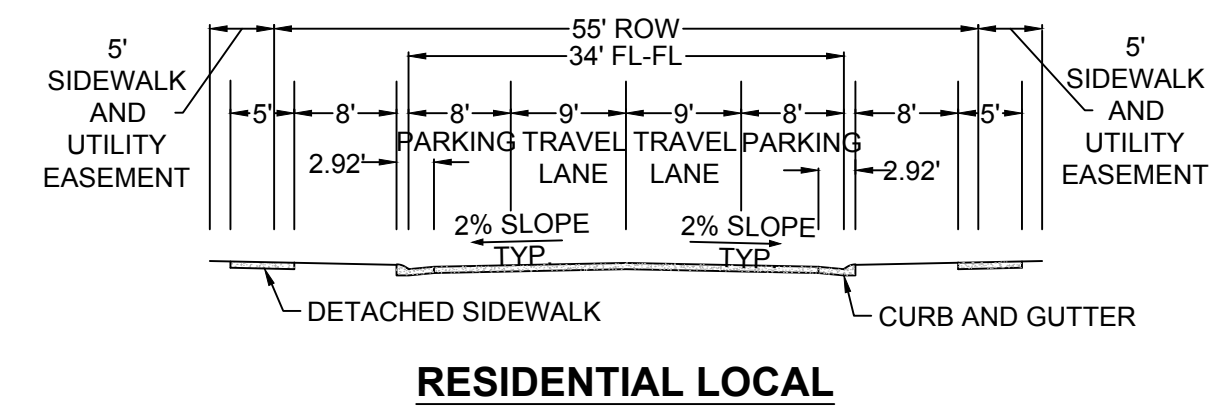
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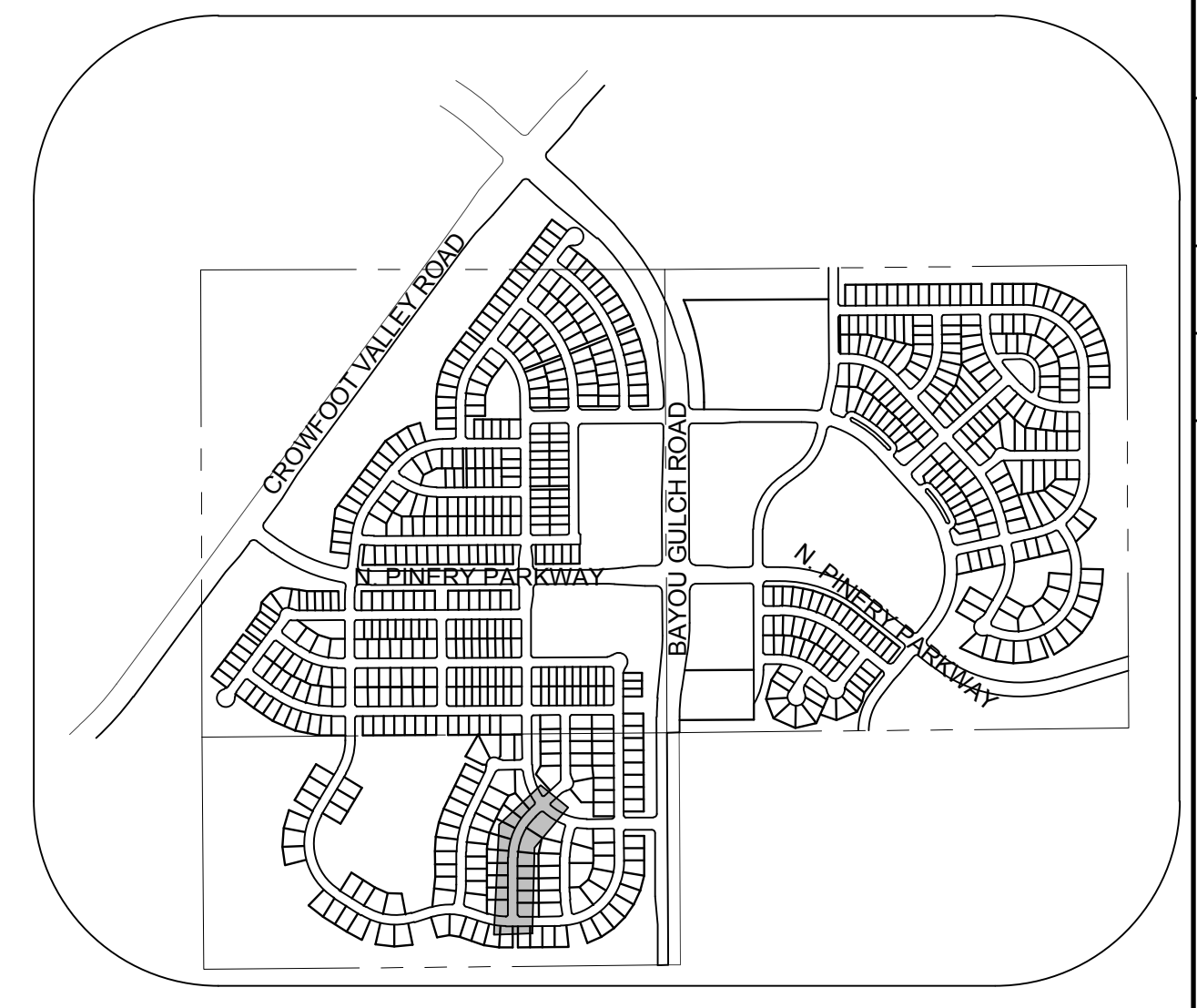
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				TRAILS AT CROWFOOT WATER PLAN & PROFILE SHASTA DAISY POINT			
7	DATE:	APPR.:	DATE:	NO.:	REVISIONS:	ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112	
						CVL CONSULTANTS 10333 E. Dry Creek Rd. Suite 410 Englewood, Colorado 80110 Tel: (720) 482-9526 Fax: (720) 482-9546	



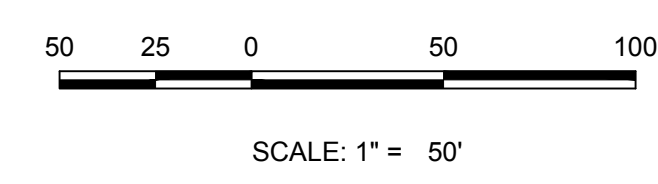
PLAN: HOP CLOVER ST STA: 9+50.00 TO 18+50.00
HORIZONTAL SCALE: 1" = 50'



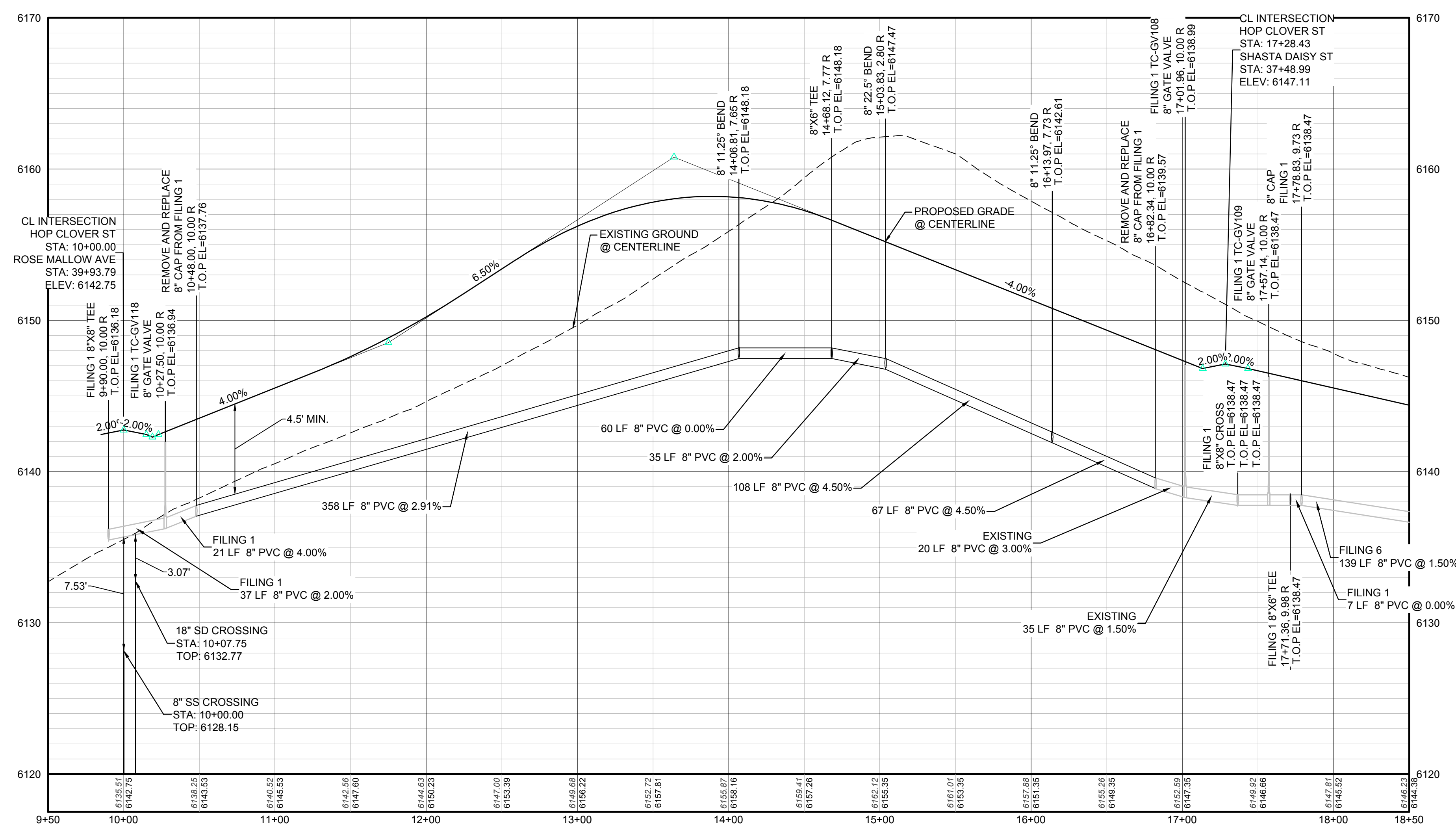
RESIDENTIAL LOCAL



KEYMAP
N.T.S.



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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	

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 UNCC 1-800-922-1987

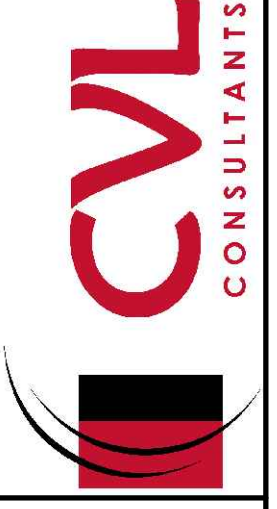
BENCHMARK
 THE DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

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.

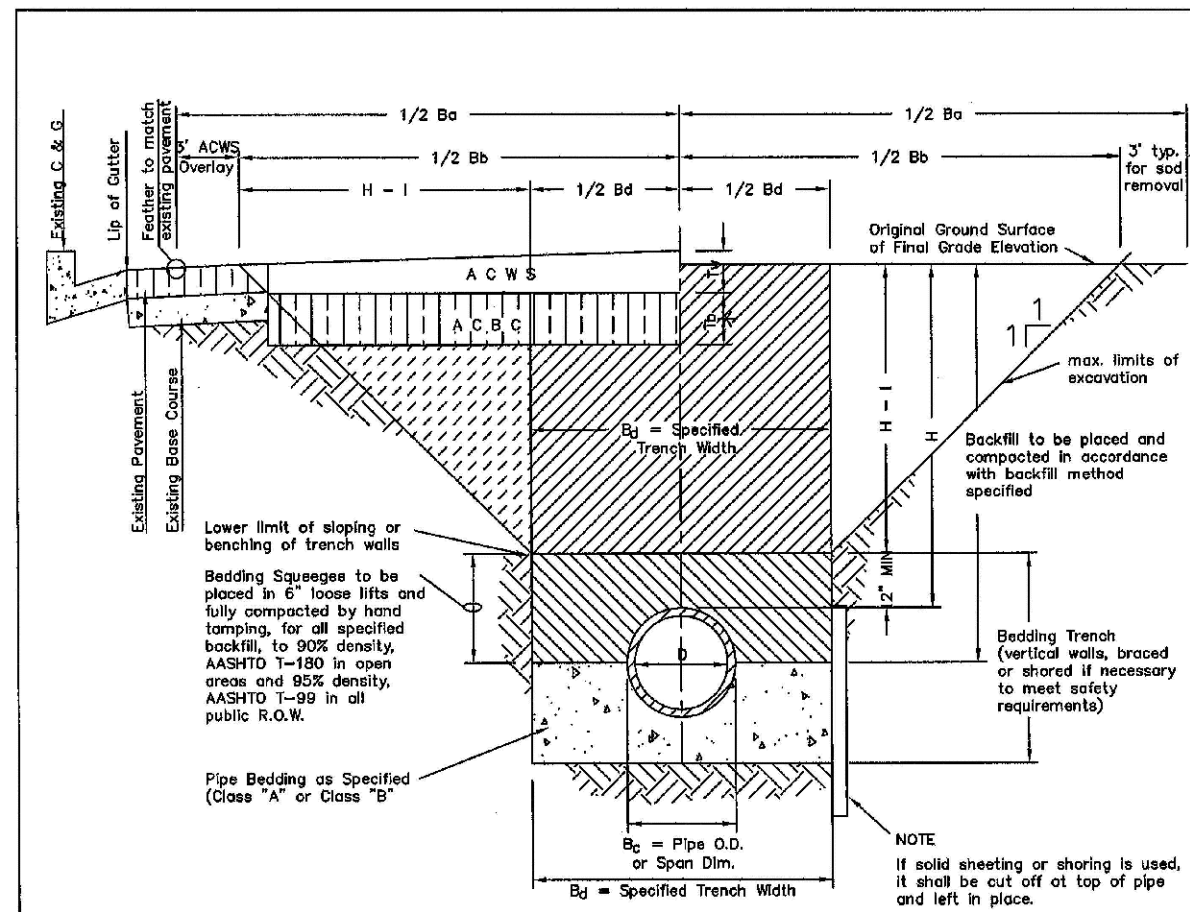
PREPARED UNDER THE SUPERVISION OF
 BRIAN P. WILSON
 COLORADO P.E. 0050067

DATE:	AUGUST 2017
CHECKED BY:	JU
DRAWN BY:	RHR
SCALE:	AS SHOWN
FILE NO.:	8130283701
SHEET NUMBER:	8
PROJECT:	TRAILS AT CROWFOOT WATER PLAN & PROFILE HOP CLOVER STREET
CONTRACT NO.:	ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112
DATE:	
REVISIONS:	
INITIALS:	
APPROVED:	
DATE:	

10333 E. Dry Creek Rd.
 Suite 6410
 Englewood, CO 80110
 Tel: (720) 482-9526
 Fax: (720) 482-9546



ESX MANAGEMENT
 7353 South Alton Way
 CENTENNIAL, CO 80112



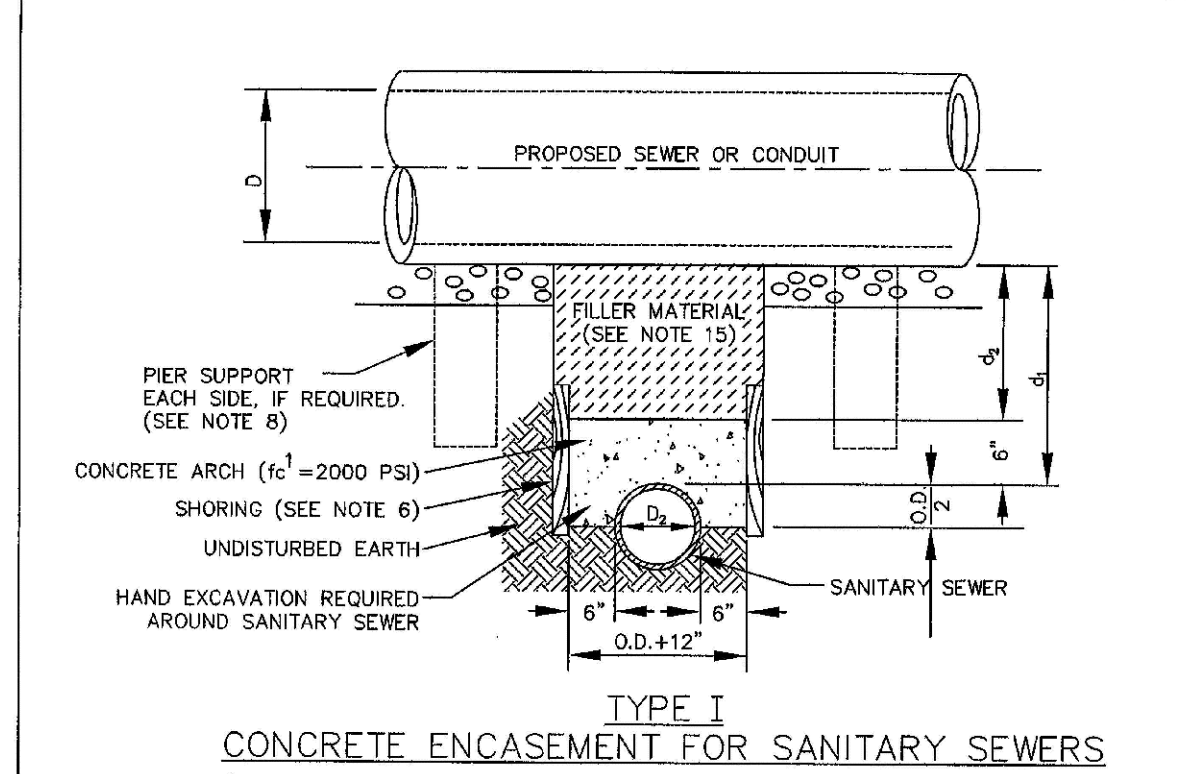
TYPICAL TRENCH DETAIL

NOTES:
 1. Sloping or benching of trench side walls, where permitted shall be in accordance with applicable Factors, Slope and Load safety regulations.
 2. Trench shall be broomed and shored or necessary to allow safe working conditions or to protect adjacent utilities, structures, etc. Unless otherwise specified on the plans, no pavement will be made for removal, replacement or relocation of curb and gutter, utilities, adjacent structures, etc. outside the maximum limits of excavation as shown and the contractor shall be responsible for protection of same.
 3. If dimension T_{90} is $\leq 5'$, then existing curbside pavement shall be removed and replaced up to the gutter. Maximum asphalt T_{90} width is 6' and shall then be based upon this actual width.

STREET WIDTH	ASPHALTIC BASE COURSE REPLACEMENT SCHEDULE	ASPHALTIC WEARING SURFACE (A.C.W.S.)	TOTAL THICKNESS (T)
UP TO 30'	4"	2"	6"
36" TO 44"	4"	3"	7"
44" TO 48"	5"	3"	8"
WIDER THAN 48'	6"	3"	9"

PARKER WATER & SANITATION DISTRICT
SEWER TRENCHING AND BEDDING DETAIL

SCALE: NONE DATE: 2/98
 APPROVED: JFN 5/98
 DISTRICT ENGINEER

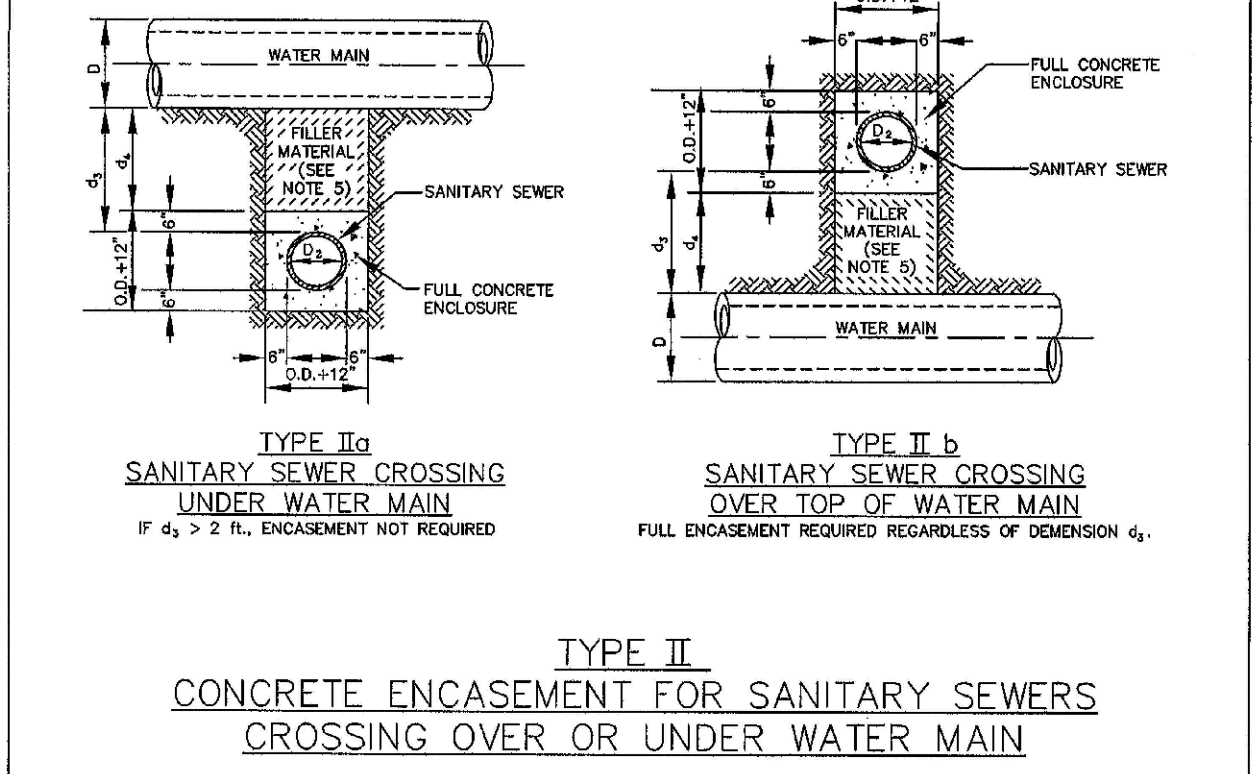


TYPE I CONCRETE ENCASEMENT FOR SANITARY SEWERS (CONCRETE ARCH)

GENERAL NOTES FOR TYPE I, II & III ENCASEMENT:
 1. CONCRETE TO BE CAST AGAINST UNDISTURBED SOIL OR SHORING. IF OPTIONAL CONSTRUCTION JOINT IS USED & BOTTOM HALF OF ENCASEMENT IS POURED SEPARATELY, A ONE INCH LAYER OF SAND OR MORTAR SHALL BE PLACED BETWEEN BOTTOM OF SANITARY SEWER AND TOP OF CONCRETE.
 2. LENGTH OF ENCASEMENT FOR: (a) TYPE I & II ENCASEMENT SHALL EXTEND FULL TRENCH WIDTH EXCAVATED FOR PROPOSED SEWER OR CONDUIT. (b) TYPE III ENCASEMENT SHALL EXTEND AT LEAST TO FEET EACH SIDE OF WATER MAIN.
 3. UNLESS OTHERWISE NOTED ON PLAN/PROFILE DRAWINGS, TYPE I, II & III ENCASEMENTS NEED NOT BE REINFORCED. REINFORCEMENT, IF REQUIRED, SHALL BE SPECIFIED AND DETAIL SEPARATELY ON PLAN & PROFILE DRAWINGS.
 4. TYPE I, II OR III ENCASEMENTS ARE REQUIRED UNDER FOLLOWING CONDITIONS: (a) TYPE I OR TYPE II IF $d \leq 18"$ ($d \leq 12"$) EXCEPT FOR SANITARY SEWER CROSSING OVER OR UNDER WATER MAINS. (b) TYPE III IF $d \leq 18"$ ($d \leq 12"$) EXCEPT FOR SANITARY SEWER CROSSING OVER OR UNDER WATER MAINS. (c) WATER MAINS AND $d \leq 24"$ ($d \leq 18"$) TYPE III IS REQUIRED FOR SANITARY SEWERS CROSSING OVER TOP OF WATER MAINS, REGARDLESS OF DIMENSION d . (d) EXCEPT FOR UNUSUAL CIRCUMSTANCES, WATER MAIN CROSSINGS, OR WHERE UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, TYPE I ENCASEMENT WILL NORMALLY BE SATISFACTORY. (e) IF THE SANITARY SEWER IS REPLACED OR CONSTRUCTED OF DUCTILE IRON PIPE (AWWA C-150 OR C-151), CONCRETE ENCASEMENT MAY NOT BE REQUIRED. (f) FILLER MATERIAL BETWEEN CONDUITS TO BE: (i) APPROVED COMPRESSIBLE MATERIAL SUCH AS STYROFOAM, ETC. IF $d \leq 4' \times 4'$. (ii) COMPACTED CLASS "B" BEDDING IF $d \leq 4' \times 4'$ OR $4' \times 6'$ OR $6' \times 6'$ FOR TYPE I, II ENCASEMENT FOUR CONCRETE ON UNDISTURBED SOIL. (g) SHORING OR SHEETING, IF USED, TO BE CUT OFF AT TOP OF ENCASEMENT.
 5. THESE ENCASEMENT DETAILS MAY ALSO BE APPLICABLE FOR CONDUITS OTHER THAN STORM OR SANITARY SEWER INSTALLATIONS. IN CERTAIN SITUATIONS WHERE CONDUIT DIAMETER "D" IS EXTREMELY LARGE, PIER SUPPORTS ON EACH SIDE OF SANITARY SEWER MAY ALSO BE REQUIRED. IF REQUIRED, SUPPORTS SHALL BE SPECIFIED AND DETAIL SEPARATELY ON PLAN AND PROFILE DRAWINGS.

PARKER WATER & SANITATION DISTRICT
CONCRETE ENCASEMENT TYPE I

SCALE: NONE DATE: 2/98
 APPROVED: JFN 5/98
 DISTRICT ENGINEER

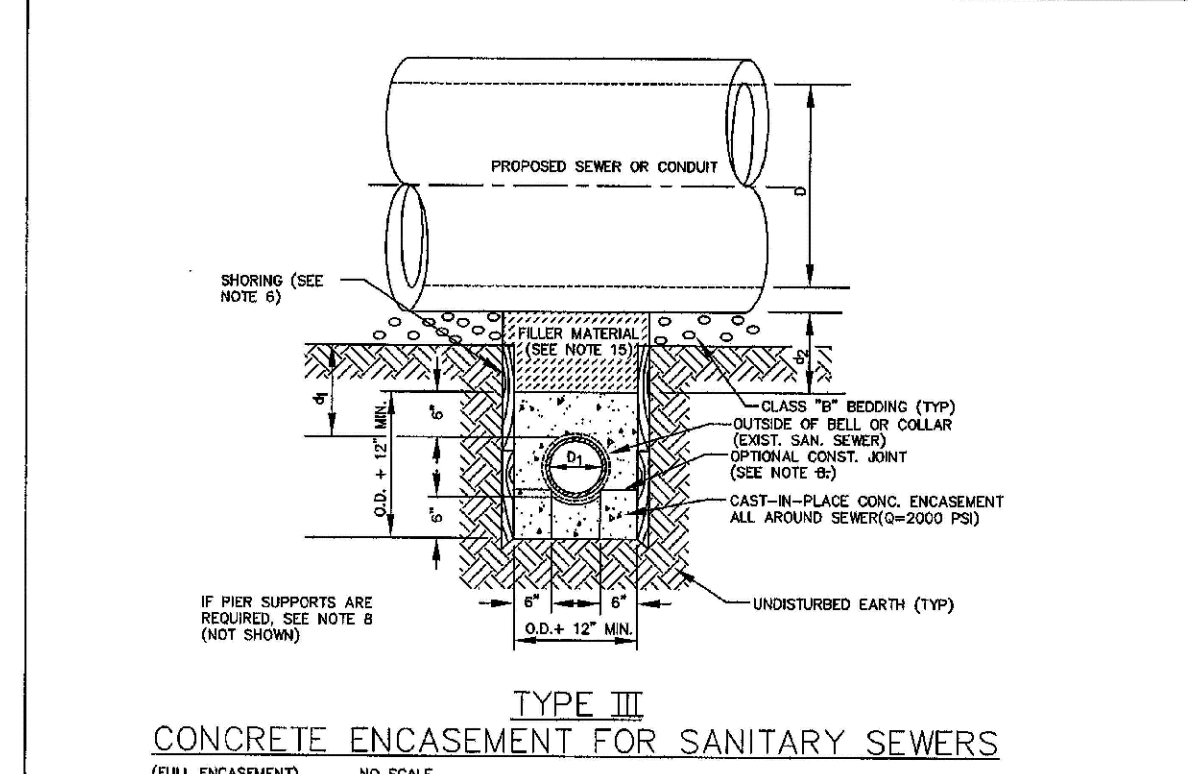


TYPE II CONCRETE ENCASEMENT FOR SANITARY SEWERS CROSSING OVER OR UNDER WATER MAIN

GENERAL NOTES FOR TYPE I, II & III ENCASEMENT:
 1. CONCRETE TO BE CAST AGAINST UNDISTURBED SOIL OR SHORING. IF OPTIONAL CONSTRUCTION JOINT IS USED & BOTTOM HALF OF ENCASEMENT IS POURED SEPARATELY, A ONE INCH LAYER OF SAND OR MORTAR SHALL BE PLACED BETWEEN BOTTOM OF SANITARY SEWER AND TOP OF CONCRETE.
 2. LENGTH OF ENCASEMENT FOR: (a) TYPE I & II ENCASEMENT SHALL EXTEND FULL TRENCH WIDTH EXCAVATED FOR PROPOSED SEWER OR CONDUIT. (b) TYPE III ENCASEMENT SHALL EXTEND AT LEAST TO FEET EACH SIDE OF WATER MAIN.
 3. UNLESS OTHERWISE NOTED ON PLAN/PROFILE DRAWINGS, TYPE I, II & III ENCASEMENTS NEED NOT BE REINFORCED. REINFORCEMENT, IF REQUIRED, SHALL BE SPECIFIED AND DETAIL SEPARATELY ON PLAN & PROFILE DRAWINGS.
 4. TYPE I, II OR III ENCASEMENTS ARE REQUIRED UNDER FOLLOWING CONDITIONS: (a) TYPE I OR TYPE II IF $d \leq 18"$ ($d \leq 12"$) EXCEPT FOR SANITARY SEWER CROSSING OVER OR UNDER WATER MAINS. (b) TYPE III IF $d \leq 18"$ ($d \leq 12"$) EXCEPT FOR SANITARY SEWER CROSSING OVER OR UNDER WATER MAINS. (c) WATER MAINS AND $d \leq 24"$ ($d \leq 18"$) TYPE II IS REQUIRED FOR SANITARY SEWERS CROSSING OVER TOP OF WATER MAINS, REGARDLESS OF DIMENSION d . (d) EXCEPT FOR UNUSUAL CIRCUMSTANCES, WATER MAIN CROSSINGS, OR WHERE UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, TYPE I ENCASEMENT WILL NORMALLY BE SATISFACTORY. (e) IF THE SANITARY SEWER IS REPLACED OR CONSTRUCTED OF DUCTILE IRON PIPE (AWWA C-150 OR C-151), CONCRETE ENCASEMENT MAY NOT BE REQUIRED. (f) FILLER MATERIAL BETWEEN CONDUITS TO BE: (i) APPROVED COMPRESSIBLE MATERIAL SUCH AS STYROFOAM, ETC. IF $d \leq 4' \times 4'$. (ii) COMPACTED CLASS "B" BEDDING IF $d \leq 4' \times 4'$ OR $4' \times 6'$ OR $6' \times 6'$ FOR TYPE I, II ENCASEMENT FOUR CONCRETE ON UNDISTURBED SOIL. (g) SHORING OR SHEETING, IF USED, TO BE CUT OFF AT TOP OF ENCASEMENT.
 5. THESE ENCASEMENT DETAILS MAY ALSO BE APPLICABLE FOR CONDUITS OTHER THAN STORM OR SANITARY SEWER INSTALLATIONS. IN CERTAIN SITUATIONS WHERE CONDUIT DIAMETER "D" IS EXTREMELY LARGE, PIER SUPPORTS ON EACH SIDE OF SANITARY SEWER MAY ALSO BE REQUIRED. IF REQUIRED, SUPPORTS SHALL BE SPECIFIED AND DETAIL SEPARATELY ON PLAN AND PROFILE DRAWINGS.

PARKER WATER & SANITATION DISTRICT
CONCRETE ENCASEMENT TYPE II

SCALE: NONE DATE: 2/98
 APPROVED: JFN 5/98 4/01 1/08
 DISTRICT ENGINEER

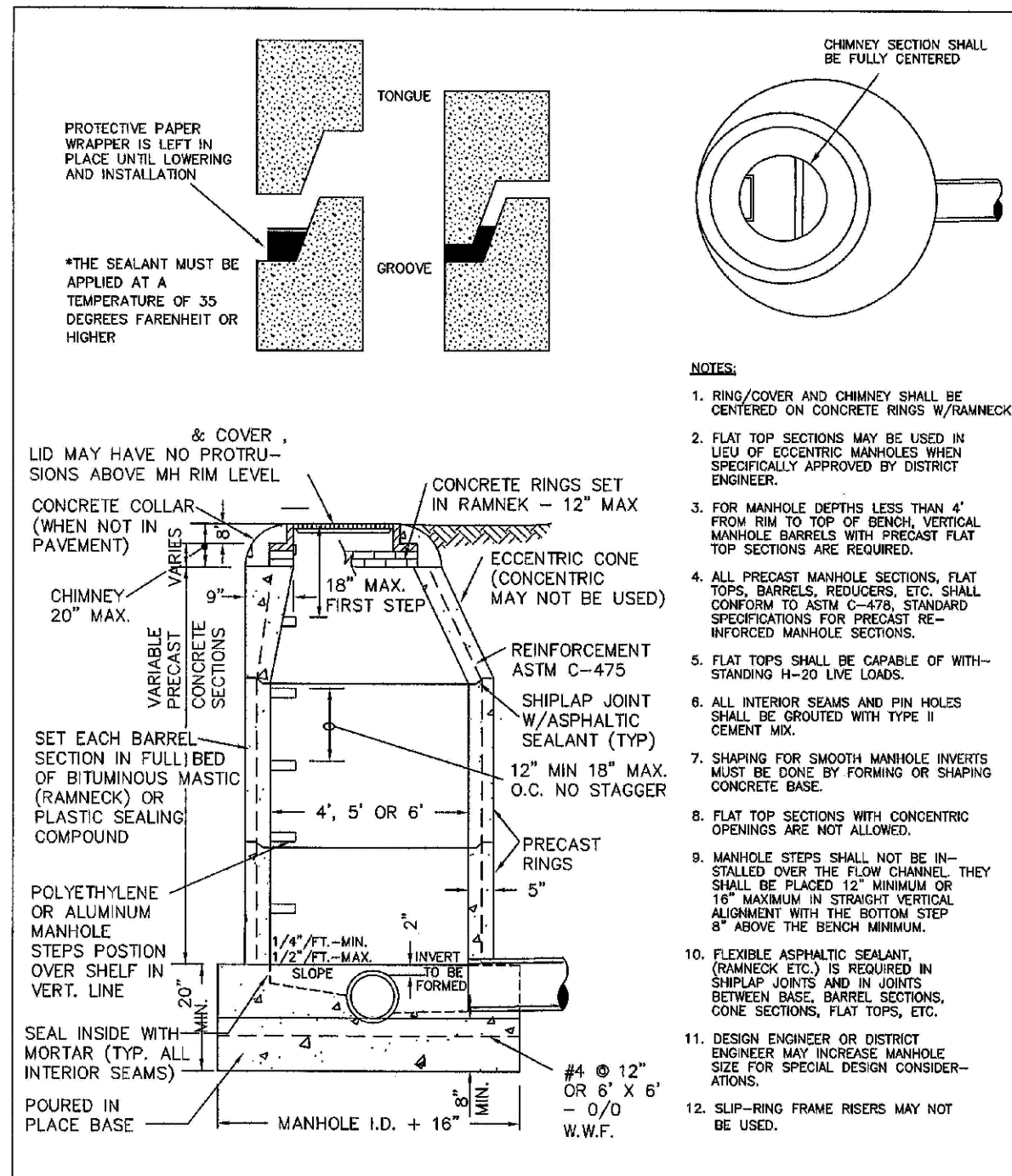


TYPE III CONCRETE ENCASEMENT FOR SANITARY SEWERS (FULL ENCASEMENT)

GENERAL NOTES FOR TYPE I, II & III ENCASEMENT:
 1. CONCRETE TO BE CAST AGAINST UNDISTURBED SOIL OR SHORING. IF OPTIONAL CONSTRUCTION JOINT IS USED & BOTTOM HALF OF ENCASEMENT IS POURED SEPARATELY, A ONE INCH LAYER OF SAND OR MORTAR SHALL BE PLACED BETWEEN BOTTOM OF SANITARY SEWER AND TOP OF CONCRETE.
 2. LENGTH OF ENCASEMENT FOR: (a) TYPE I & II ENCASEMENT SHALL EXTEND FULL TRENCH WIDTH EXCAVATED FOR PROPOSED SEWER OR CONDUIT. (b) TYPE III ENCASEMENT SHALL EXTEND AT LEAST TO FEET EACH SIDE OF WATER MAIN.
 3. UNLESS OTHERWISE NOTED ON PLAN/PROFILE DRAWINGS, TYPE I, II & III ENCASEMENTS NEED NOT BE REINFORCED. REINFORCEMENT, IF REQUIRED, TO BE SPECIFIED AND DETAIL SEPARATELY ON PLAN & PROFILE DRAWINGS.
 4. TYPE I, II OR III ENCASEMENTS ARE REQUIRED UNDER FOLLOWING CONDITIONS: (a) TYPE I OR TYPE II IF $d \leq 18"$ ($d \leq 12"$) EXCEPT FOR SANITARY SEWERS CROSSING OVER OR UNDER WATER MAINS. (b) TYPE III IF $d \leq 18"$ ($d \leq 12"$) EXCEPT FOR SANITARY SEWERS CROSSING OVER OR UNDER WATER MAINS. (c) TYPE III IS REQUIRED FOR SANITARY SEWERS CROSSING OVER TOP OF WATER MAINS, REGARDLESS OF DIMENSION d . (d) EXCEPT FOR UNUSUAL CIRCUMSTANCES, WATER MAIN CROSSINGS, OR WHERE UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, TYPE I ENCASEMENT WILL NORMALLY BE SATISFACTORY. (e) IF THE SANITARY SEWER IS REPLACED OR CONSTRUCTED OF DUCTILE IRON PIPE (AWWA C-150 OR C-151), CONCRETE ENCASEMENT MAY NOT BE REQUIRED. (f) FILLER MATERIAL BETWEEN CONDUITS TO BE: (i) APPROVED COMPRESSIBLE MATERIAL SUCH AS STYROFOAM, ETC. IF $d \leq 4' \times 4'$. (ii) COMPACTED CLASS "B" BEDDING IF $d \leq 4' \times 4'$ OR $4' \times 6'$ OR $6' \times 6'$ FOR TYPE I, II ENCASEMENT FOUR CONCRETE ON UNDISTURBED SOIL. (g) SHORING OR SHEETING, IF USED, TO BE CUT OFF AT TOP OF ENCASEMENT.
 5. THESE ENCASEMENT DETAILS MAY ALSO BE APPLICABLE FOR CONDUITS OTHER THAN STORM OR SANITARY SEWER INSTALLATIONS. IN CERTAIN SITUATIONS WHERE CONDUIT DIAMETER "D" IS EXTREMELY LARGE, PIER SUPPORTS SHALL BE REQUIRED. IF REQUIRED, SUPPORTS SHALL BE SPECIFIED AND DETAIL SEPARATELY ON PLAN AND PROFILE DRAWINGS.

PARKER WATER & SANITATION DISTRICT
CONCRETE ENCASEMENT TYPE III

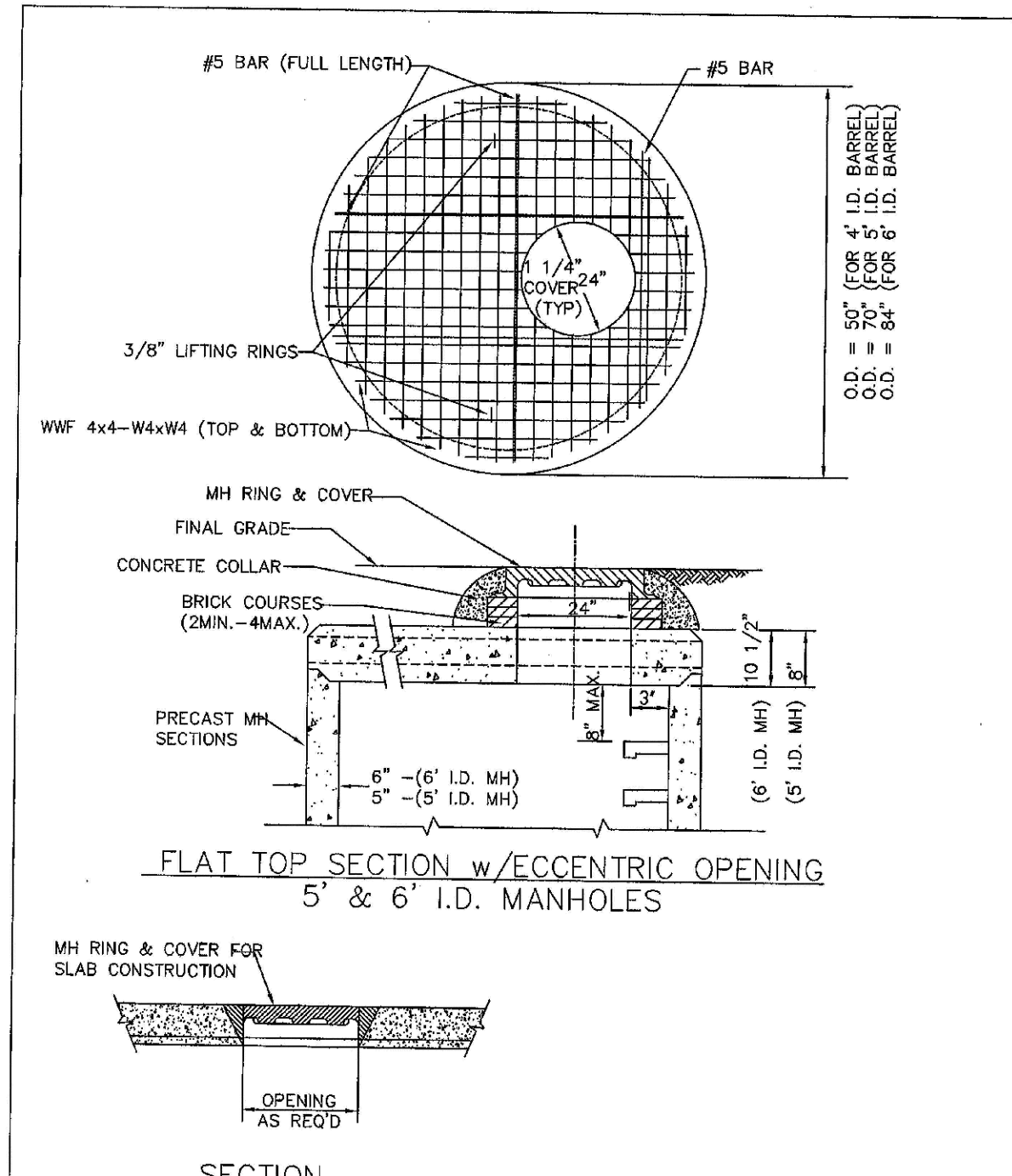
SCALE: NONE DATE: 2/98
 APPROVED: JFN 5/98
 DISTRICT ENGINEER



PARKER WATER & SANITATION DISTRICT
PARKER MANHOLE ECCENTRIC CONE

SCALE: NONE DATE: 2/98
 APPROVED: JFN 4/01 01/02 1/08
 DISTRICT ENGINEER

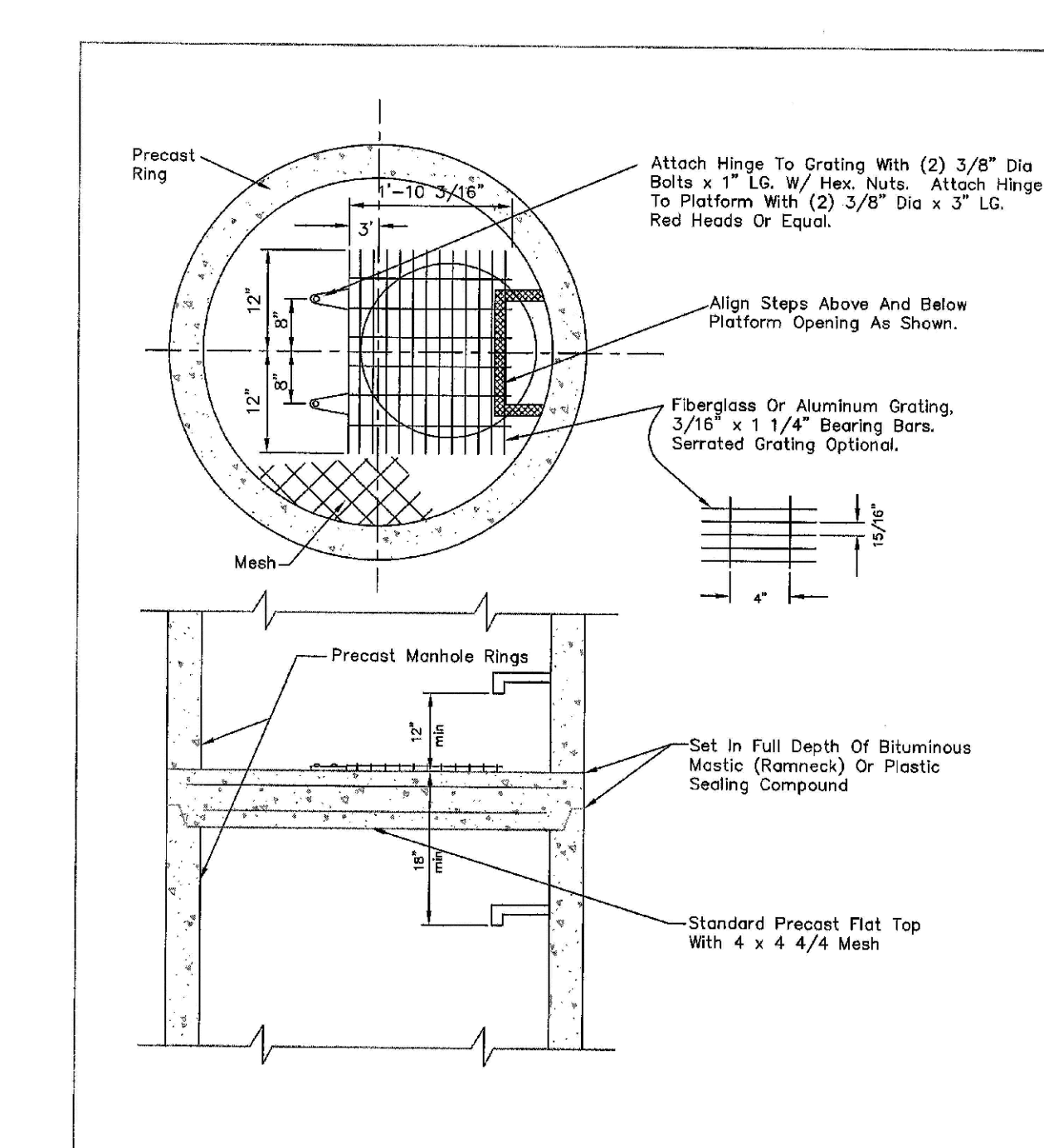
PIPE I.D.	MANHOLE I.D.
18" & SMALLER	4'-0"
21" TO 48"	5'-0"
54"	6'-0"
60" & LARGER	SPECIAL DESIGN



PARKER WATER & SANITATION DISTRICT
PRECAST MANHOLE - 5' & 6' I.D. WITH ECCENTRIC CONE

SCALE: NONE DATE: 2/98
 APPROVED: JFN 01/02
 DISTRICT ENGINEER

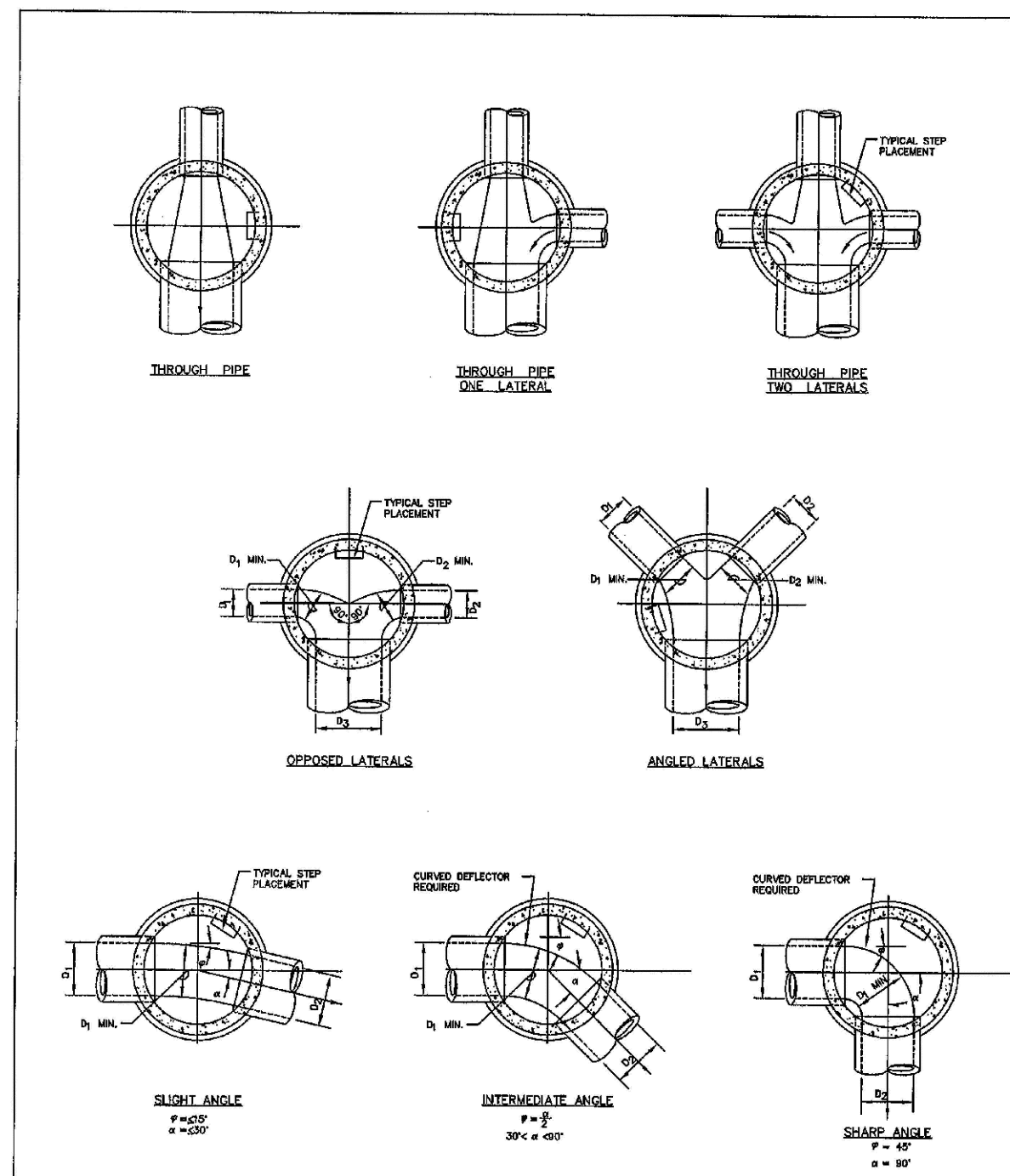
SECTION (NON-ADJUSTABLE RING & COVER TO BE CAST IN FLAT TOP)
 ALTERNATE RING & COVER (TO BE USED ONLY WHEN SPECIFICALLY AUTHORIZED.)



PARKER WATER & SANITATION DISTRICT
INTERMEDIATE PLATFORM FOR MANHOLES OVER 20' DEPTH

SCALE: NONE DATE: 2/98
 APPROVED: RJJ 2/02
 DISTRICT ENGINEER

NOTES:
 1.1 Maximum distance between platforms shall be 15' vertically.
 1.2 Minimum distance between platforms shall be 10' vertically.



PARKER WATER & SANITATION DISTRICT
TYPICAL BASE CHANNELIZATION DETAILS

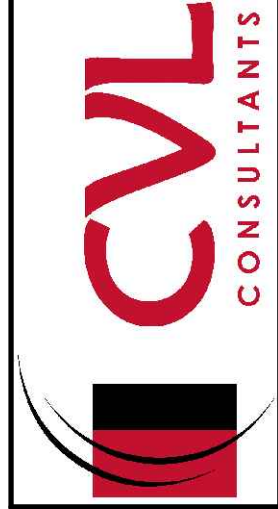
SCALE: NONE DATE: 2/98
 APPROVED: JFN
 DISTRICT ENGINEER

NOTES:
 1.1 Maximum distance between platforms shall be 15' vertically.
 1.2 Minimum distance between platforms shall be 10' vertically.

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 UTILITY NOTIFICATION CENTER OF COLORADO

10333 E. Dry Creek Rd.
 CO 80110
 Englewood, CO 80110
 Tel: (720) 482-9526
 Fax: (720) 482-9548

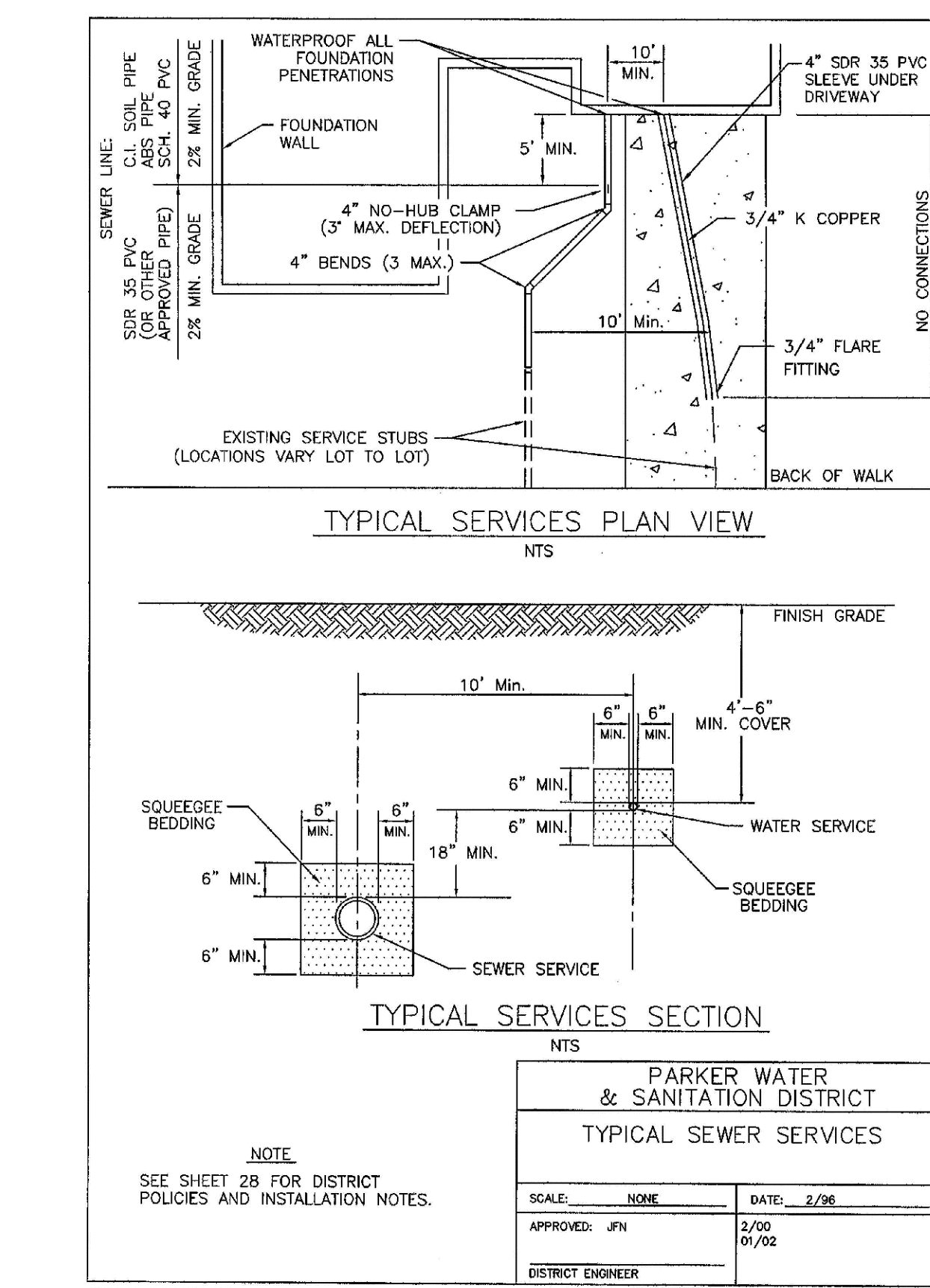
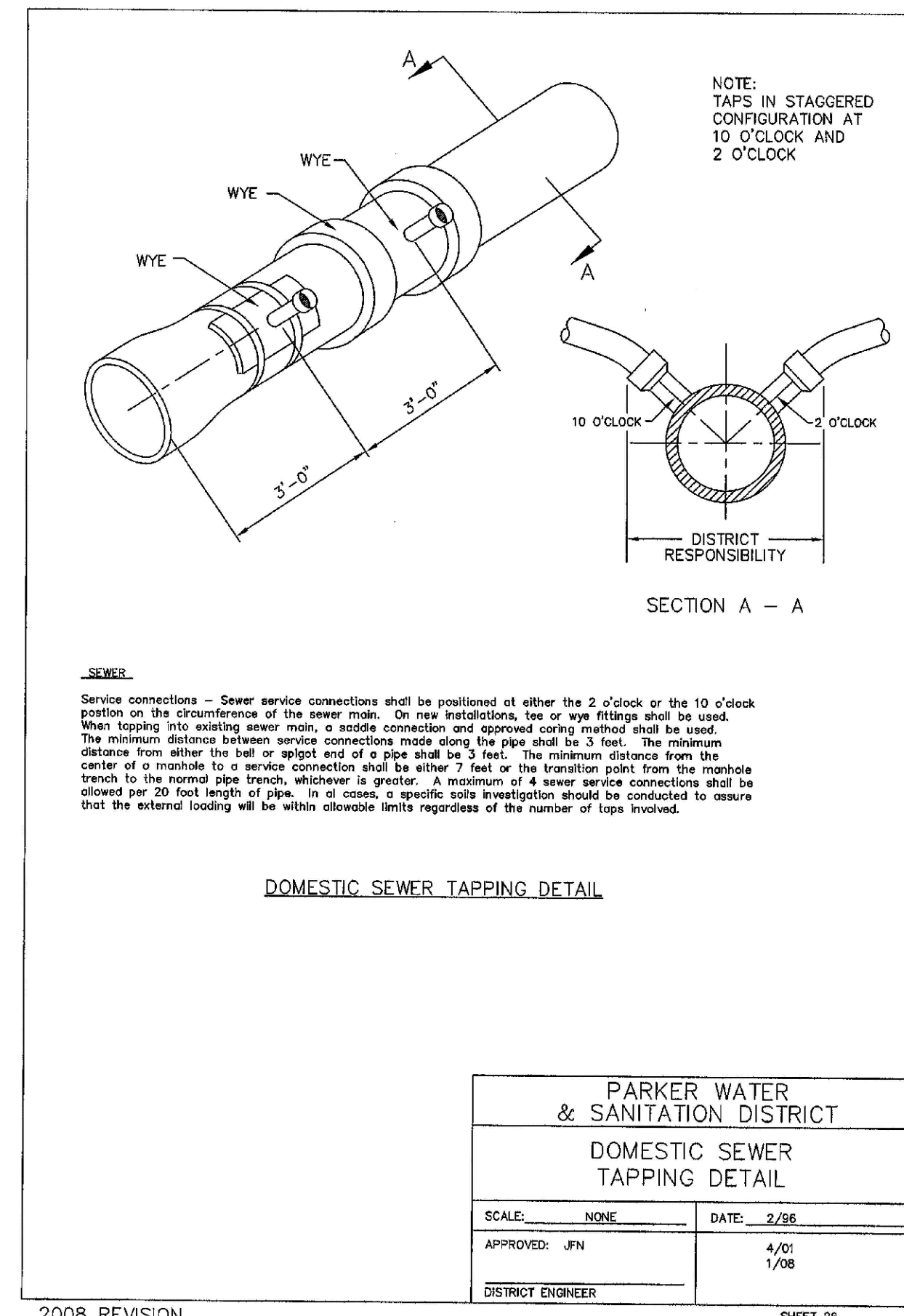
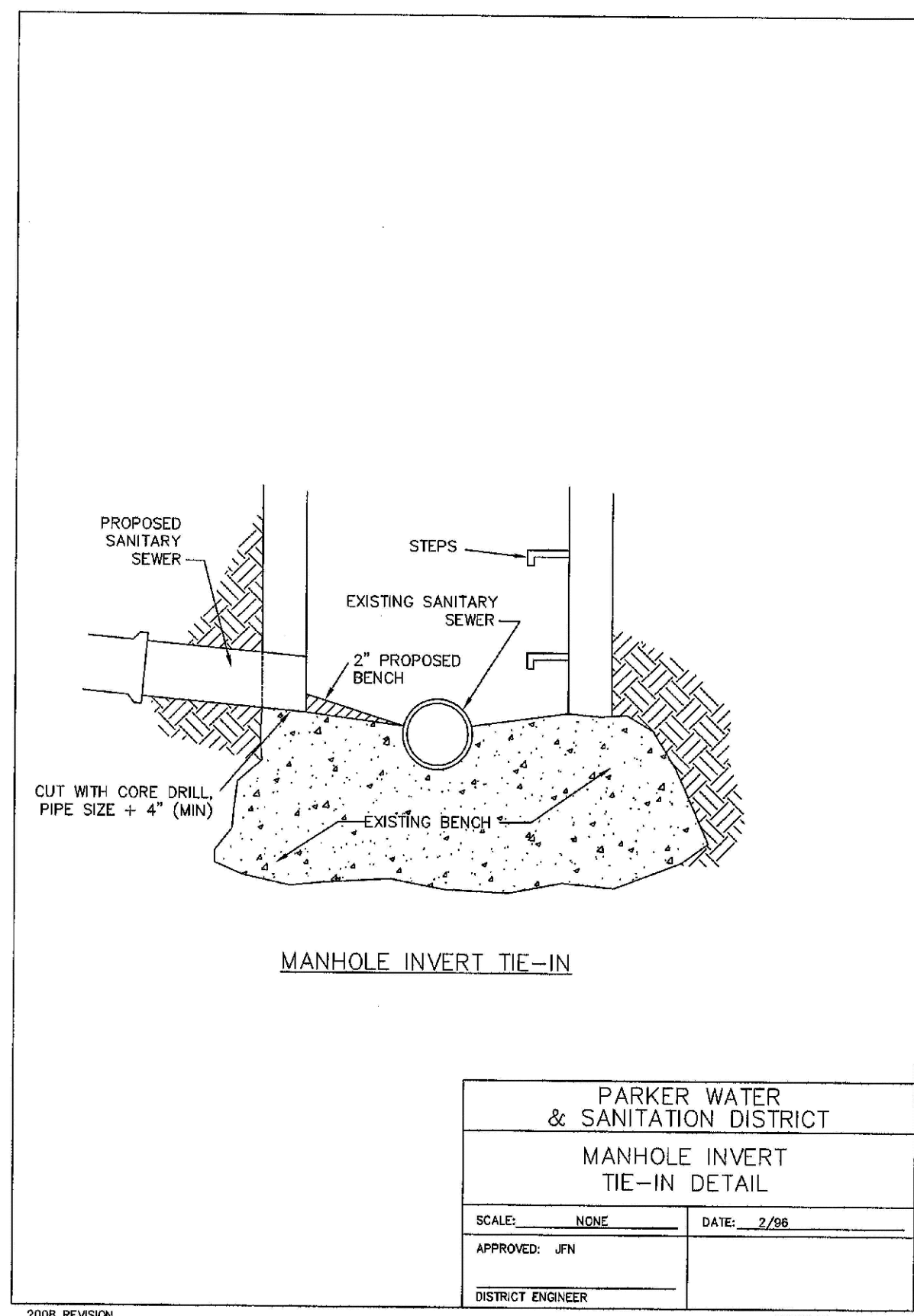
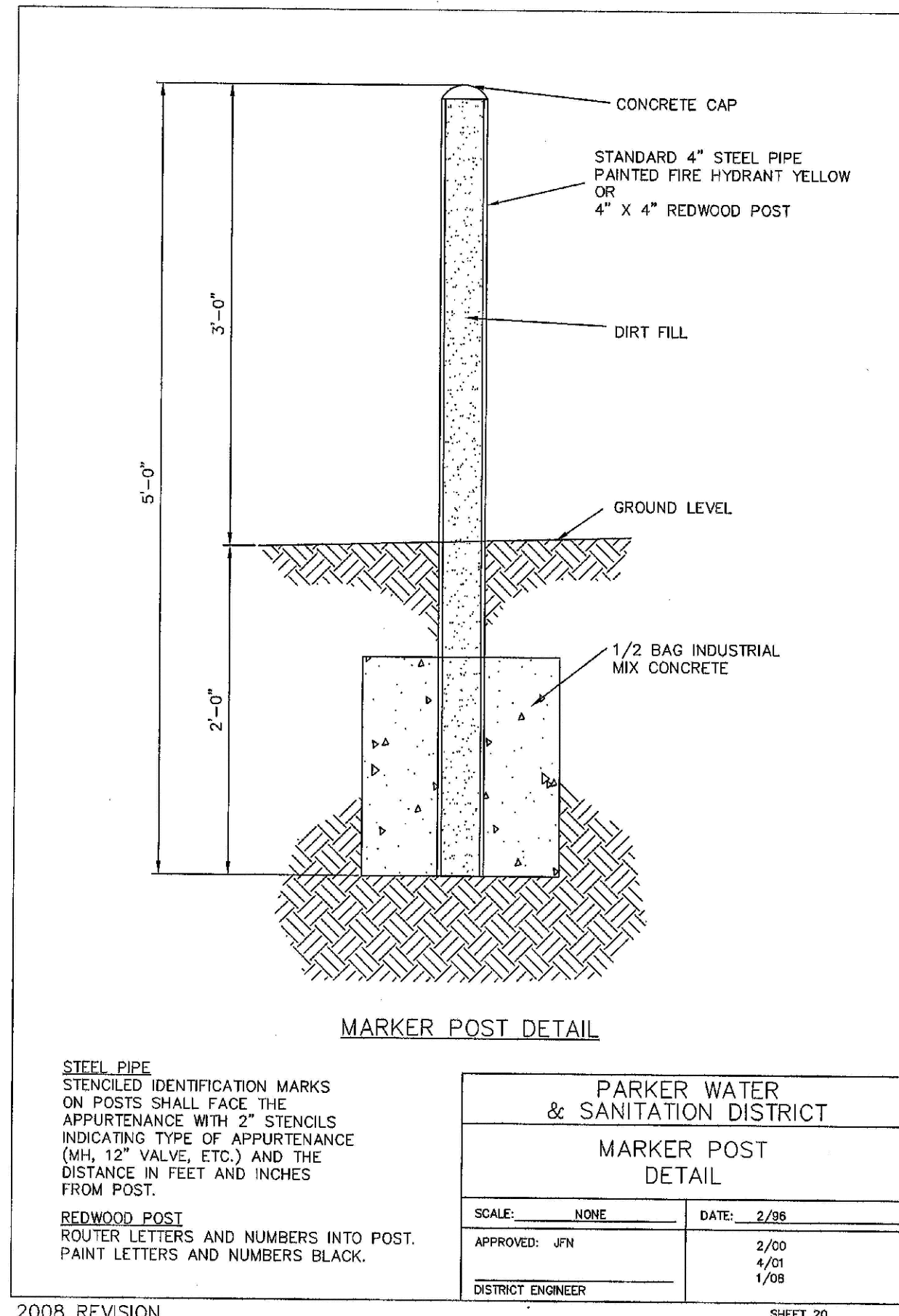
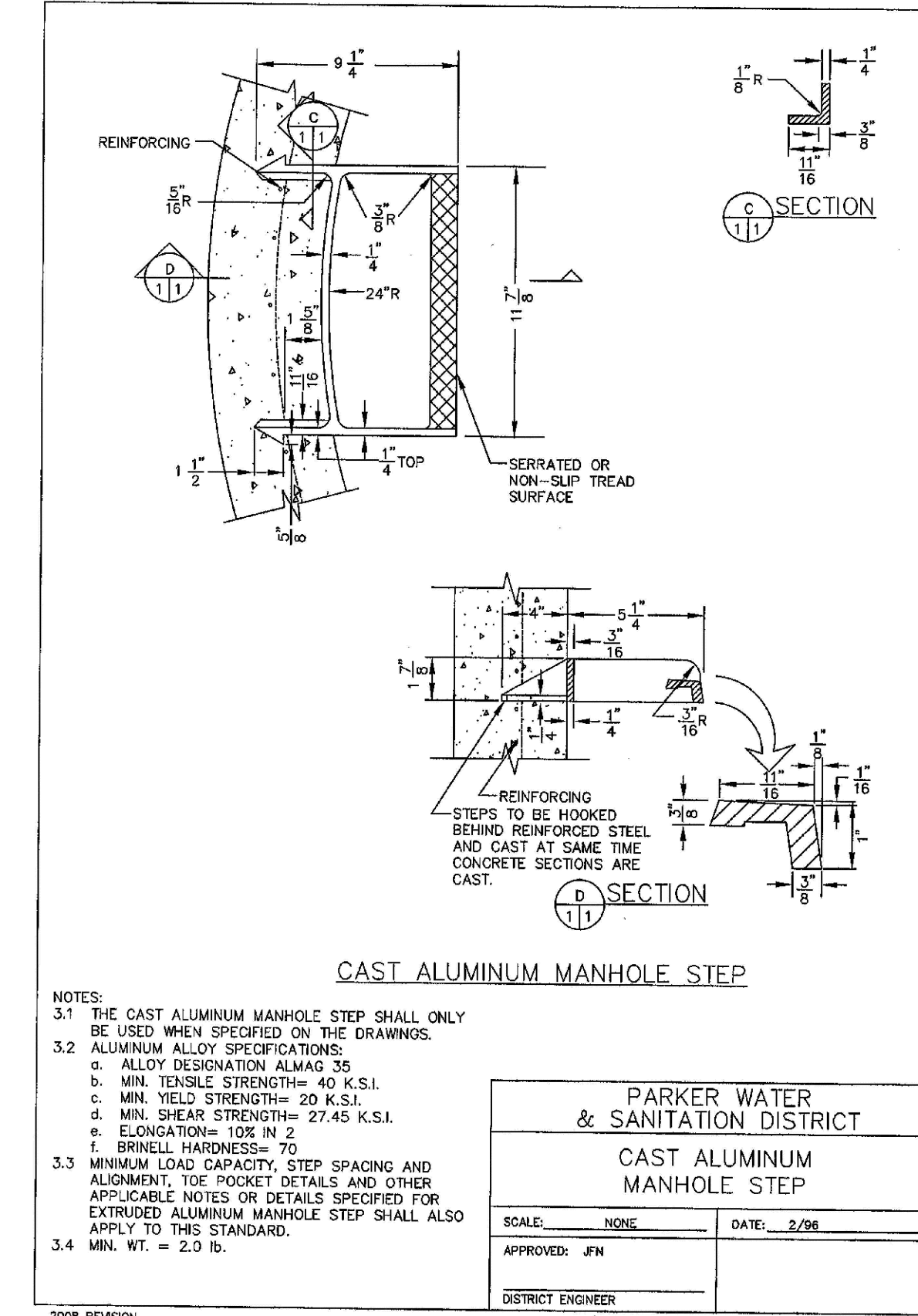
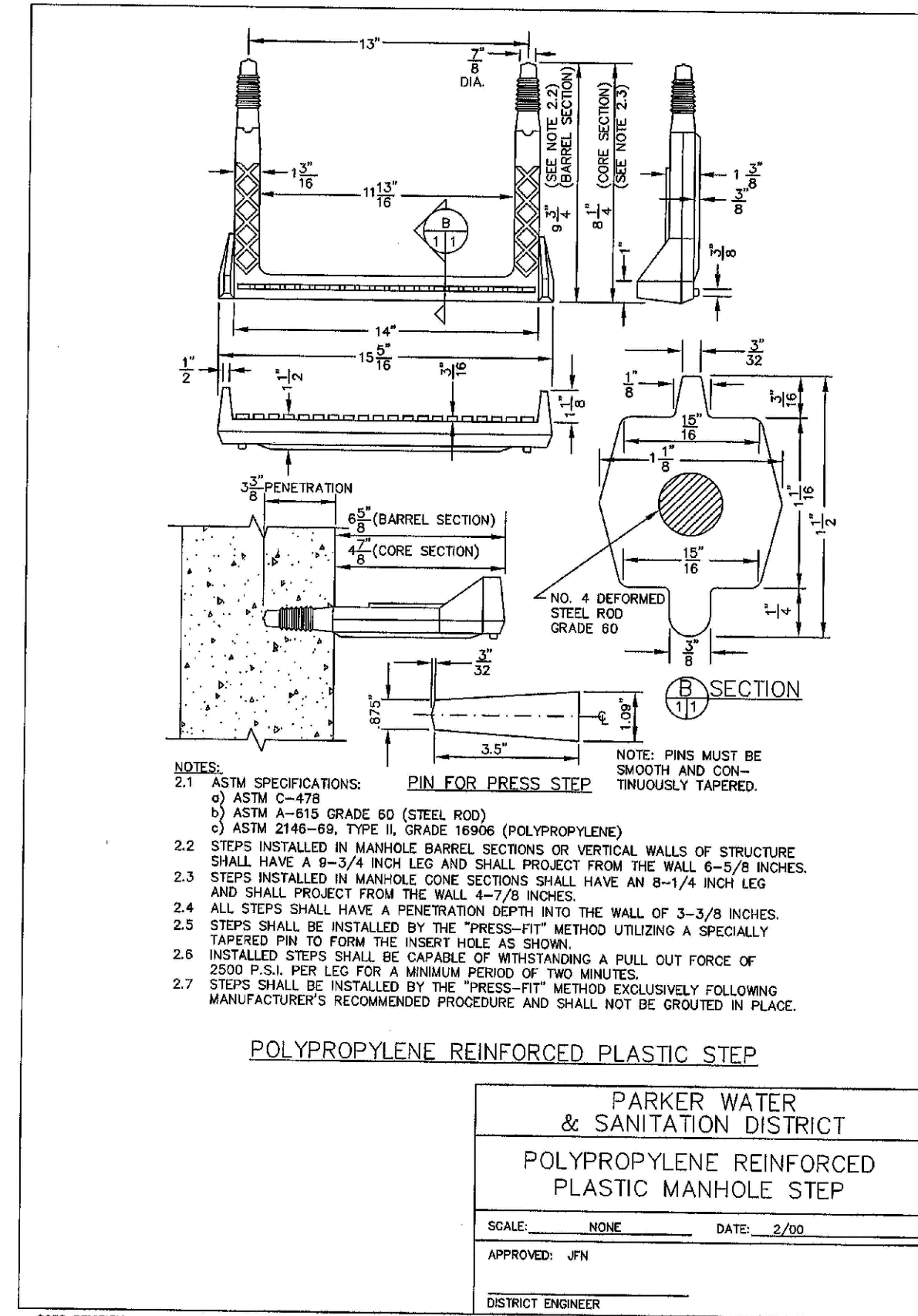
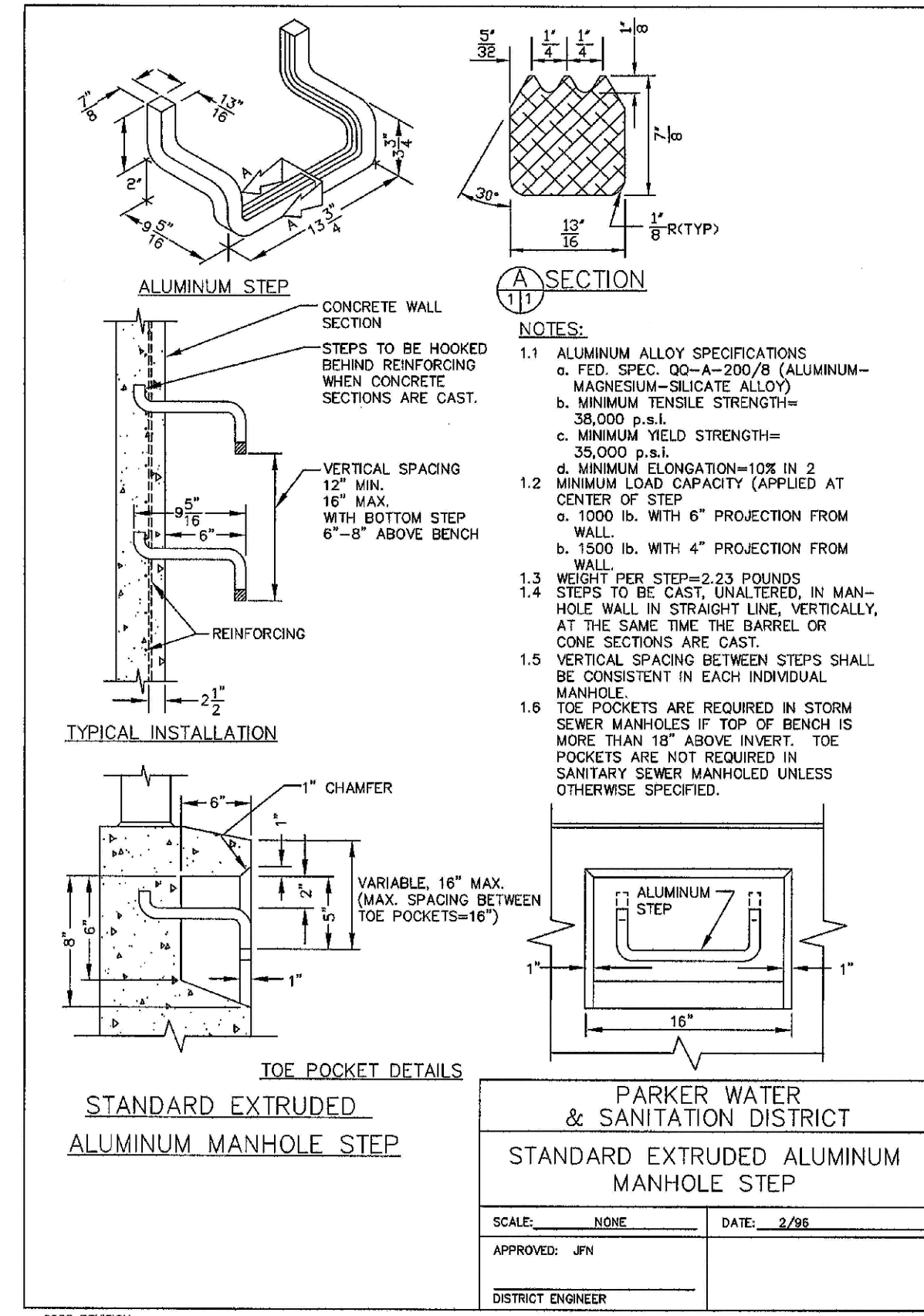
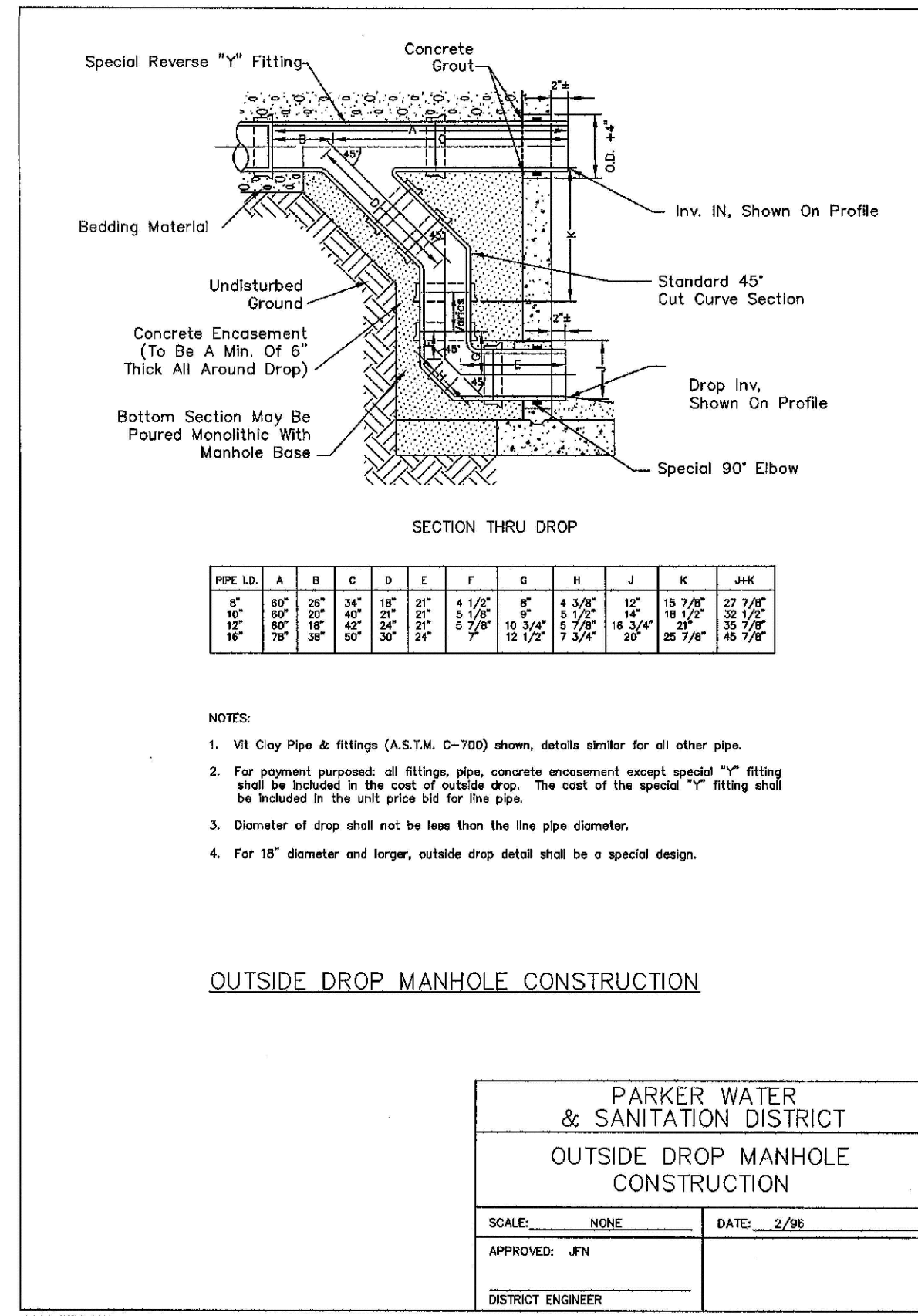


ESX MANAGEMENT
 7353 South Alton Way
 CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
 FILING 7 CONSTRUCTION DRAWINGS
 SANITARY SEWER DETAILS

SCALE: AS SHOWN
 CHECKED BY: JJ
 DATE: AUGUST 2017
 FILE NO: 8130283701

SHEET NUMBER 9



N:\PROJECTS\BENCH\ENGINEERING\DRAWINGS\PROJECTS\WATER AND SANITATION\7 SANITARY SEWER DETAILS.DWG. LAURAC. 8/21/2017 5:04 PM

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

SHEET NUMBER	SCALE:	AS SHOWN	FILE NO:	8130283701
	DRAWN BY:	JF	CHECKED BY:	JU
DATE:	AUGUST 2017	DATE:	AUGUST 2017	
NO.	Revisions	Date	Init.	Appr.
10338 E. Dry Creek Rd. Englewood, CO 80150 Tel: (720) 482-9226 Fax: (720) 482-9548				
ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112				
TRAILS AT CROWFOOT FLING 7 CONSTRUCTION DRAWINGS SANITARY SEWER DETAILS				

N:\PROJECTS\WISHES RANCH\CAD\ENGINEERING\DRAWINGS\DWG\SANITARY\SEWER\DETAILS\DWG.LANPAC.8/21/2017 5:04 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	

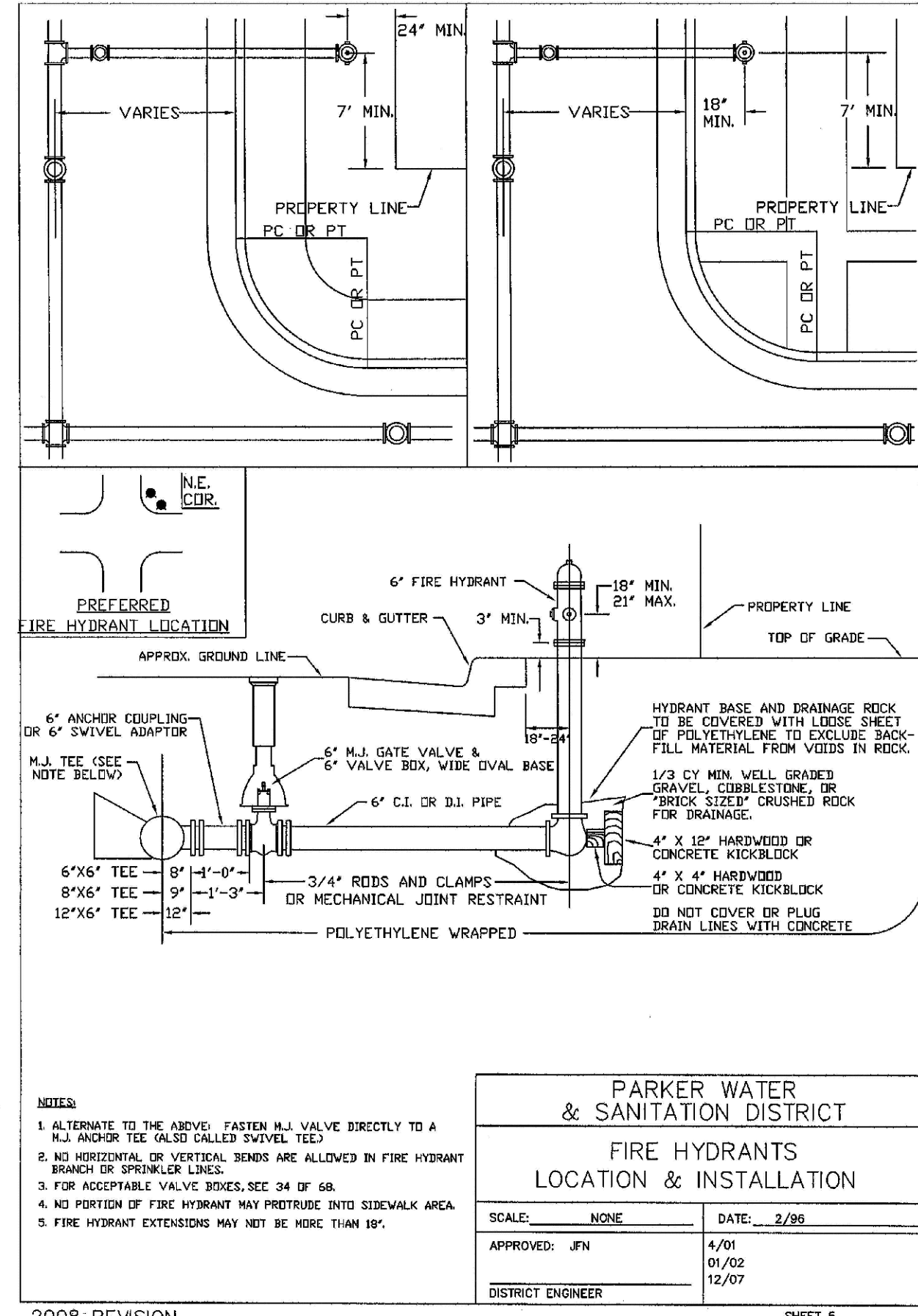
2008 REVISION

SHEET 28

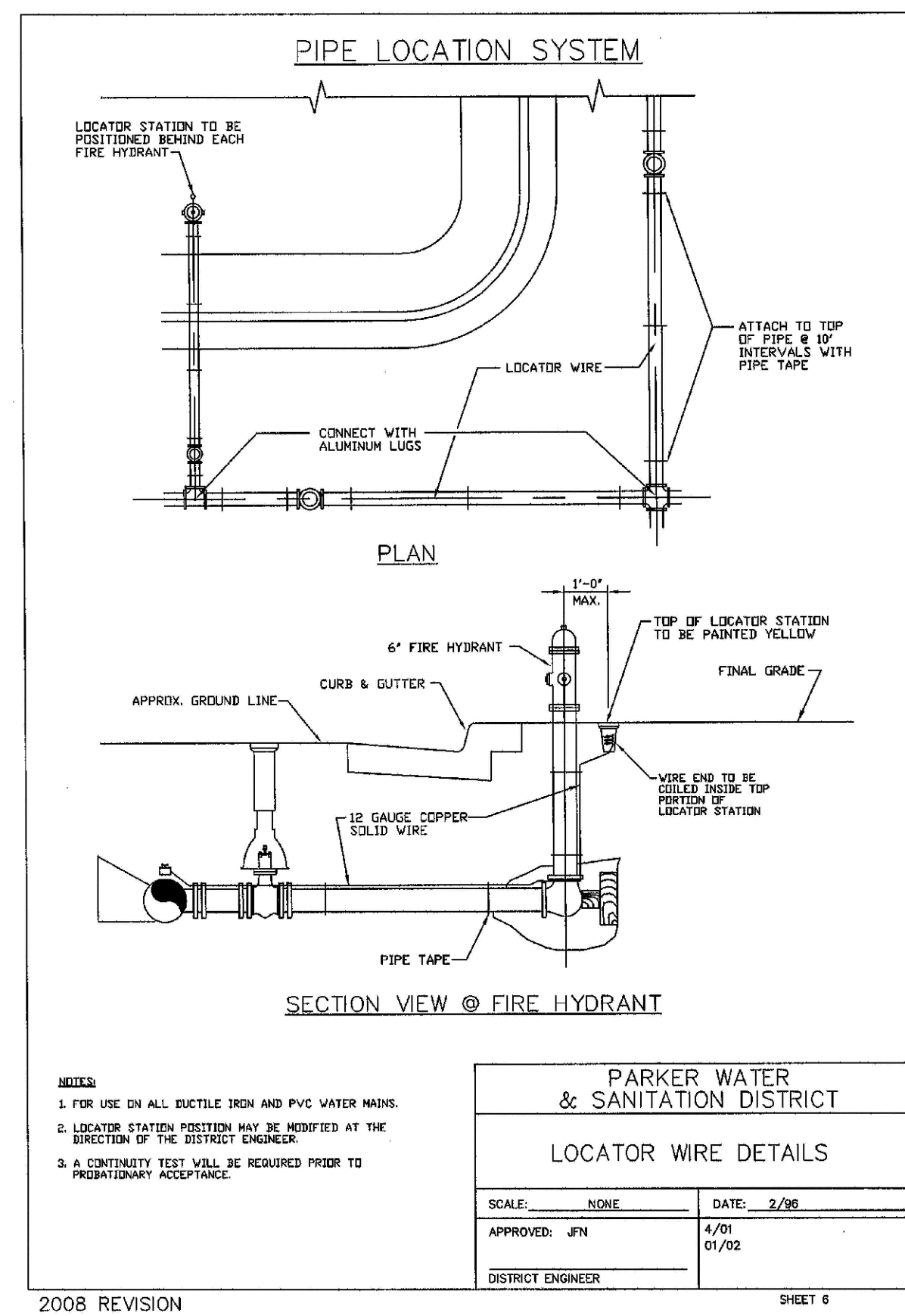

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CENTER OF COLORADO

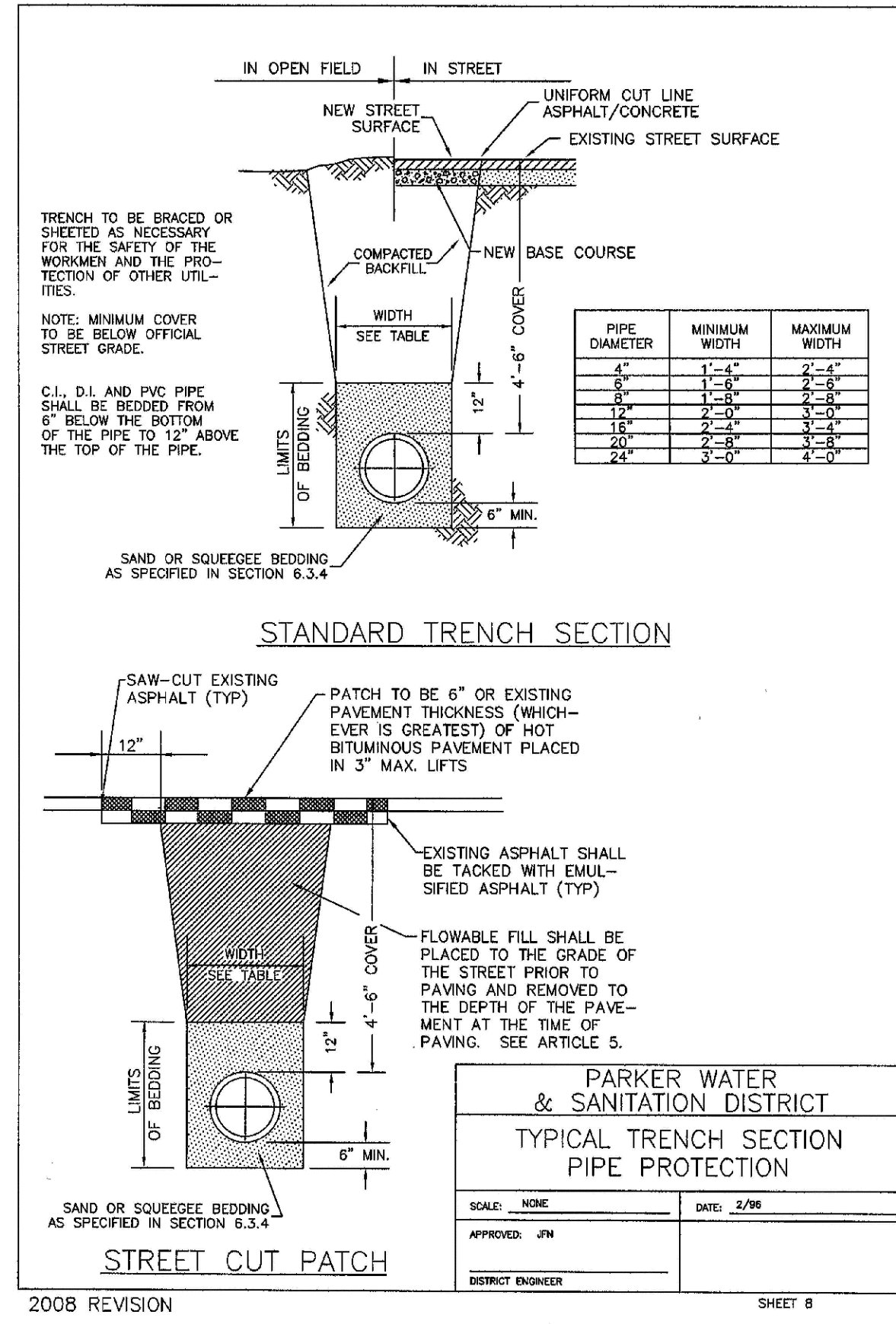
SHEET NUMBER 11	DRAWN BY: JF	CHECKED BY: JJ	DATE: AUGUST 2017	SCALE: AS SHOWN	FILE NO: 8130283701	TRAILS AT CROWFOOT FILING 7 CONSTRUCTION DRAWINGS SANITARY SEWER DETAILS	EXM MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112	 10333 E. Dry Creek Rd. Suite 410 Englewood, CO 80110 Tel: (720) 482-9526 Fax: (720) 482-9546	Revisions No.	Date	Inlt.	Appr.	Date
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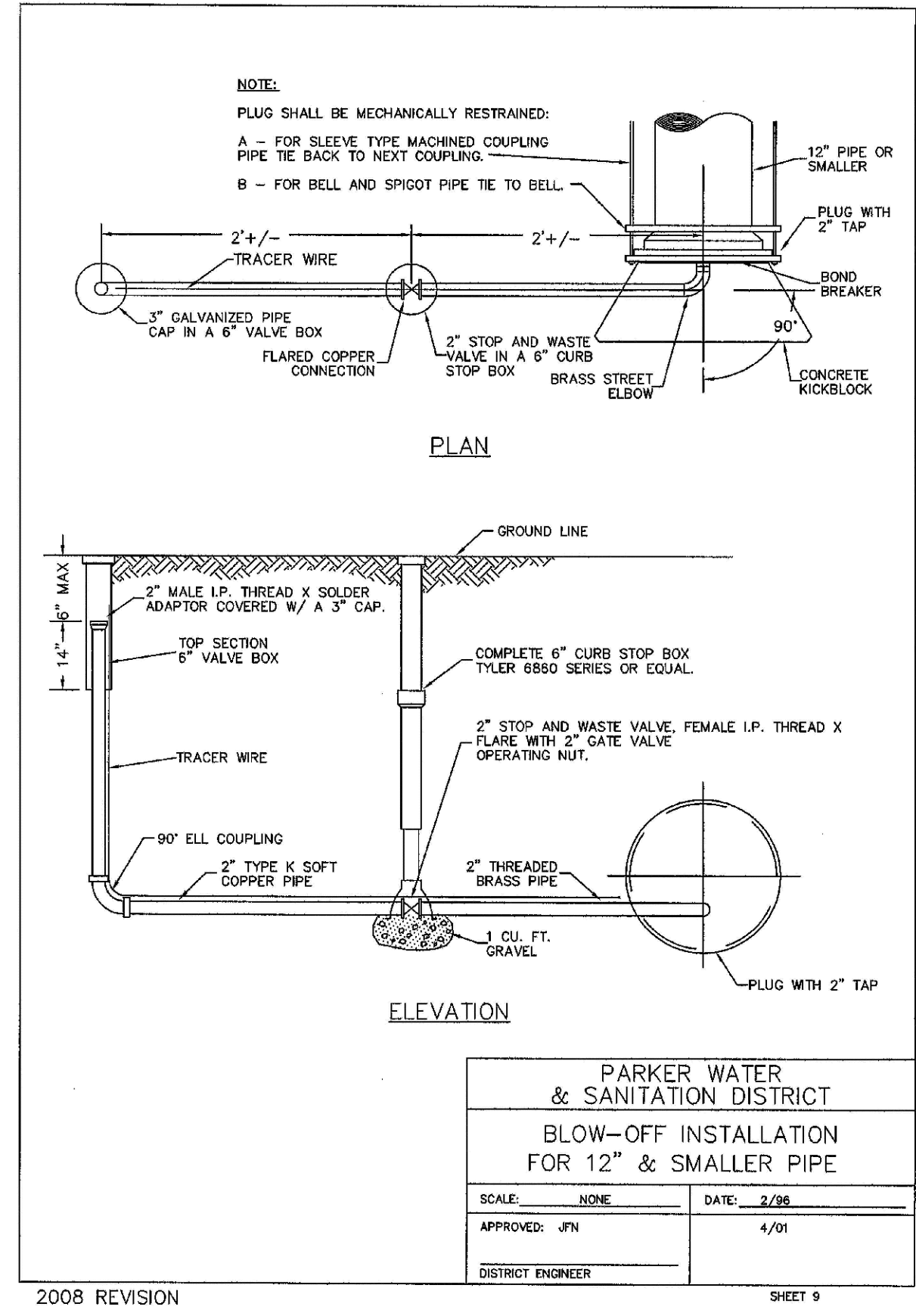
2008 REVISION SHEET 6



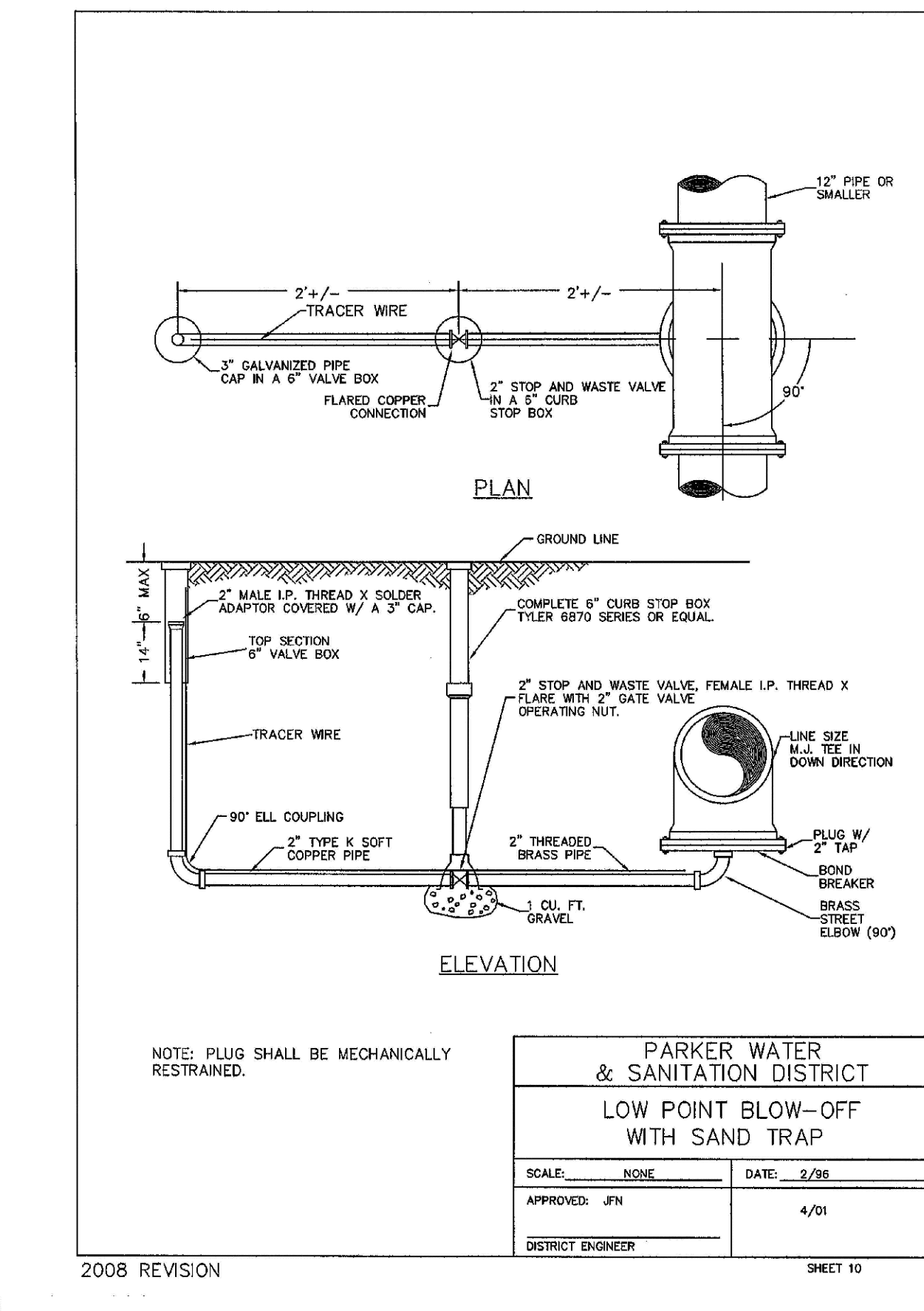
2008 REVISION SHEET 8



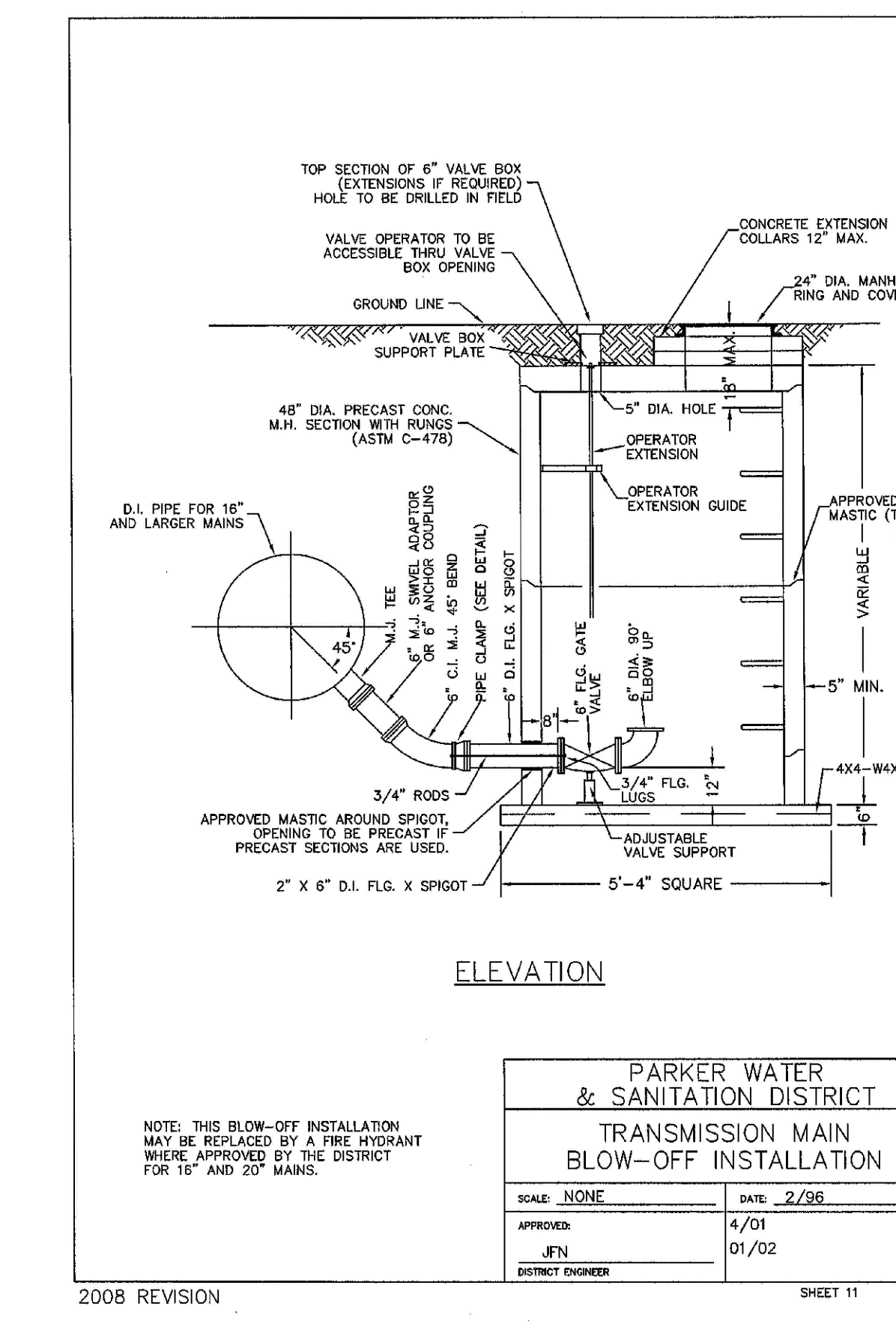
2008 REVISION SHEET 9



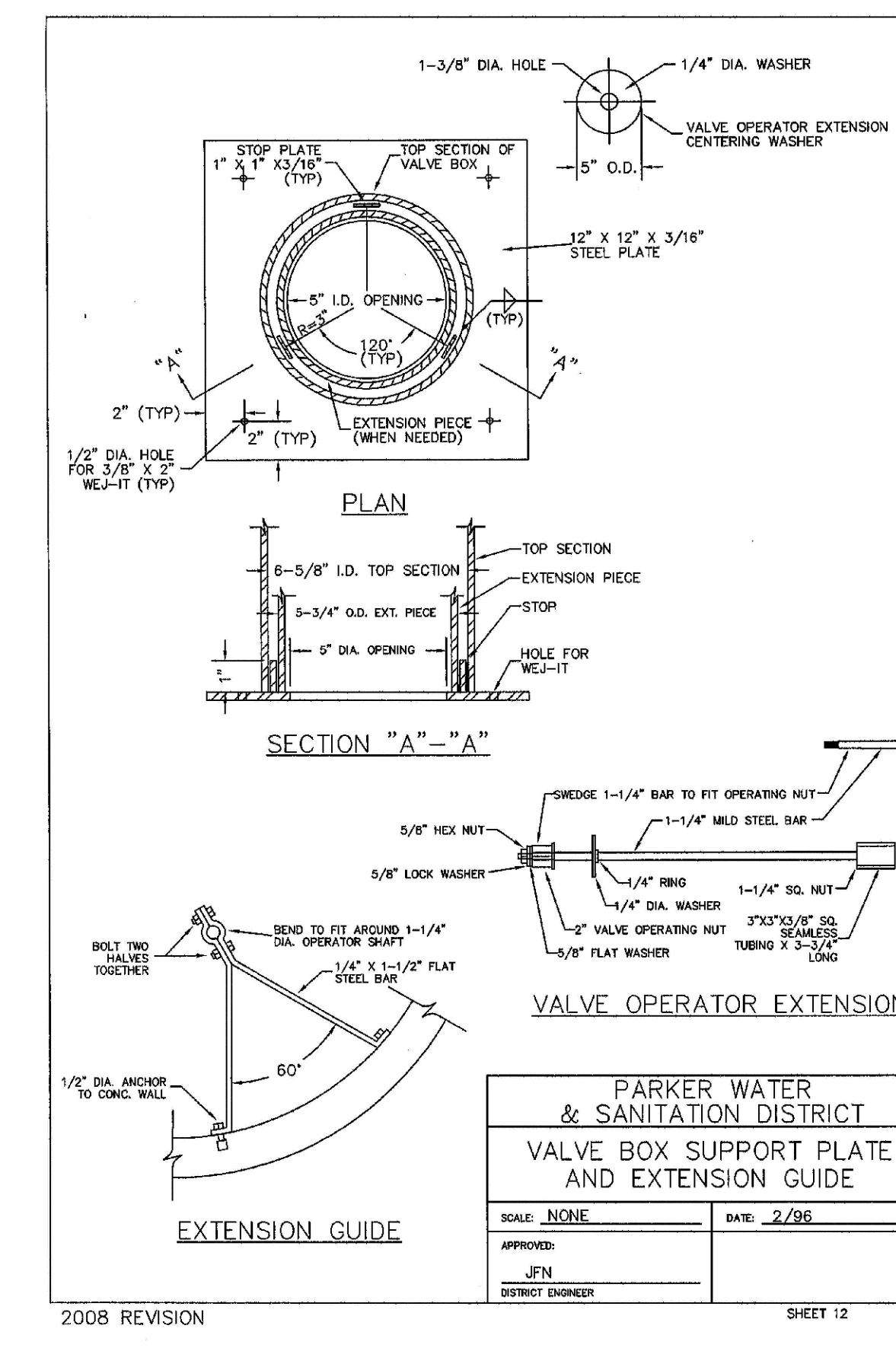
2008 REVISION SHEET 10



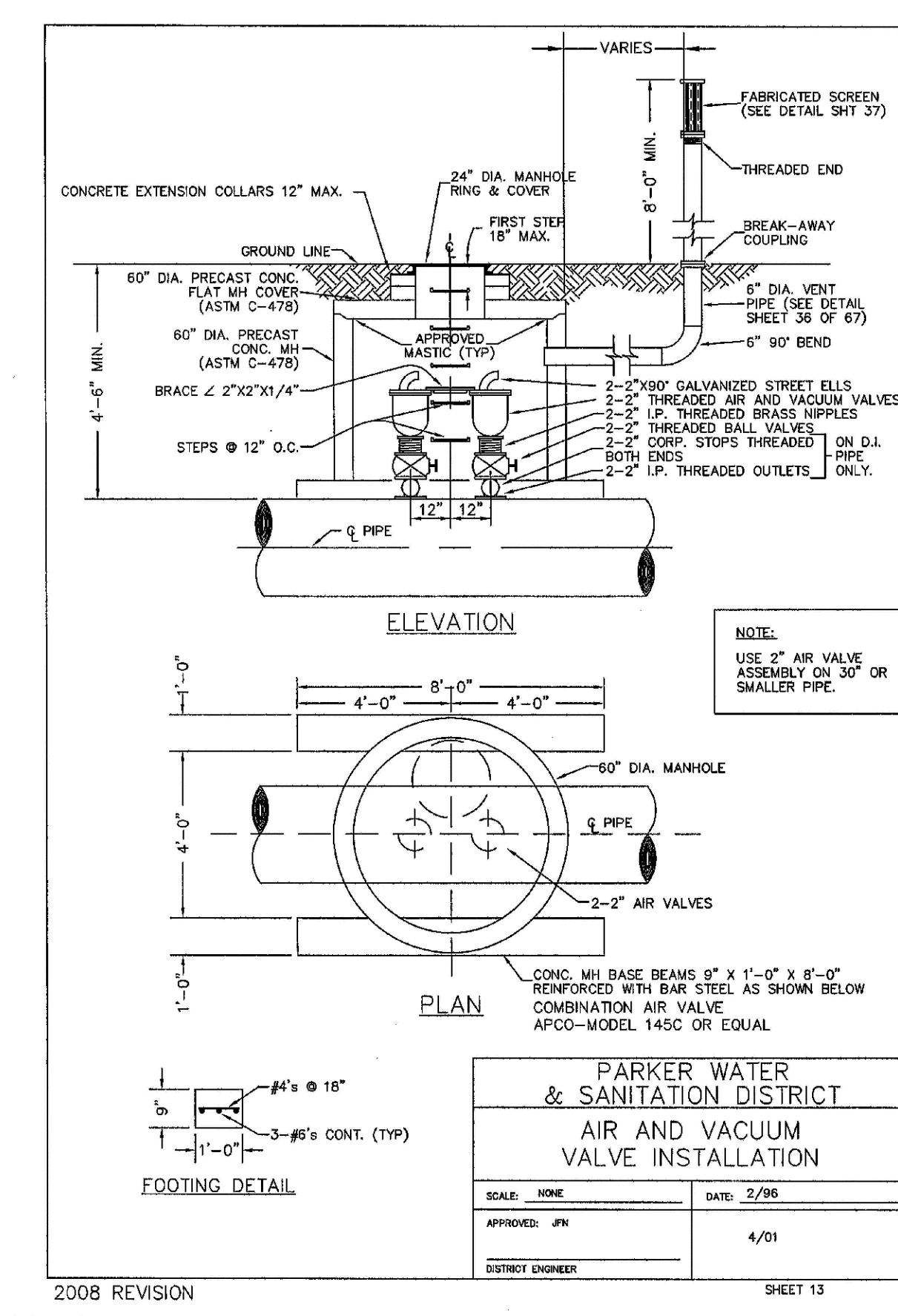
2008 REVISION SHEET 11



2008 REVISION SHEET 12



2008 REVISION SHEET 13

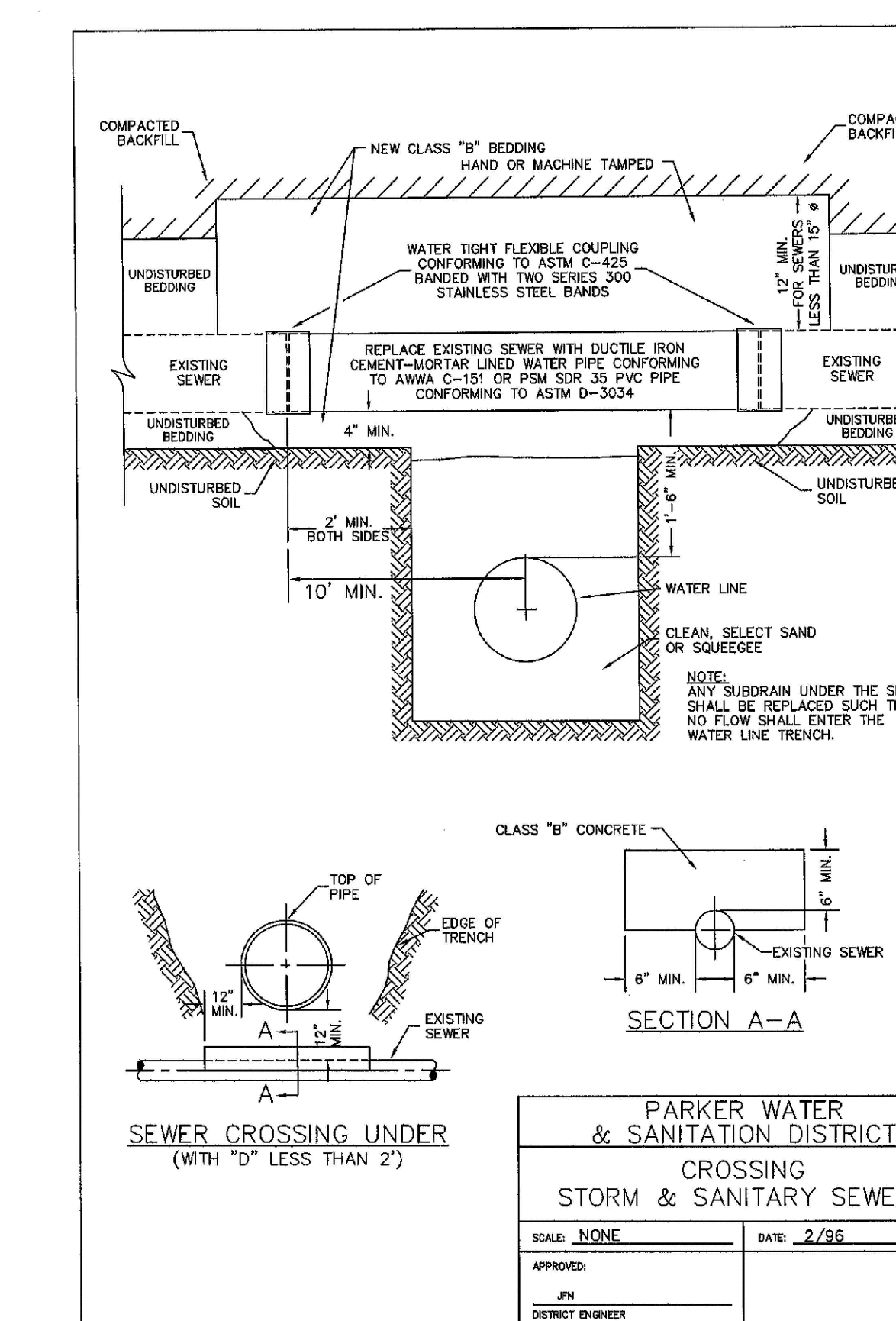
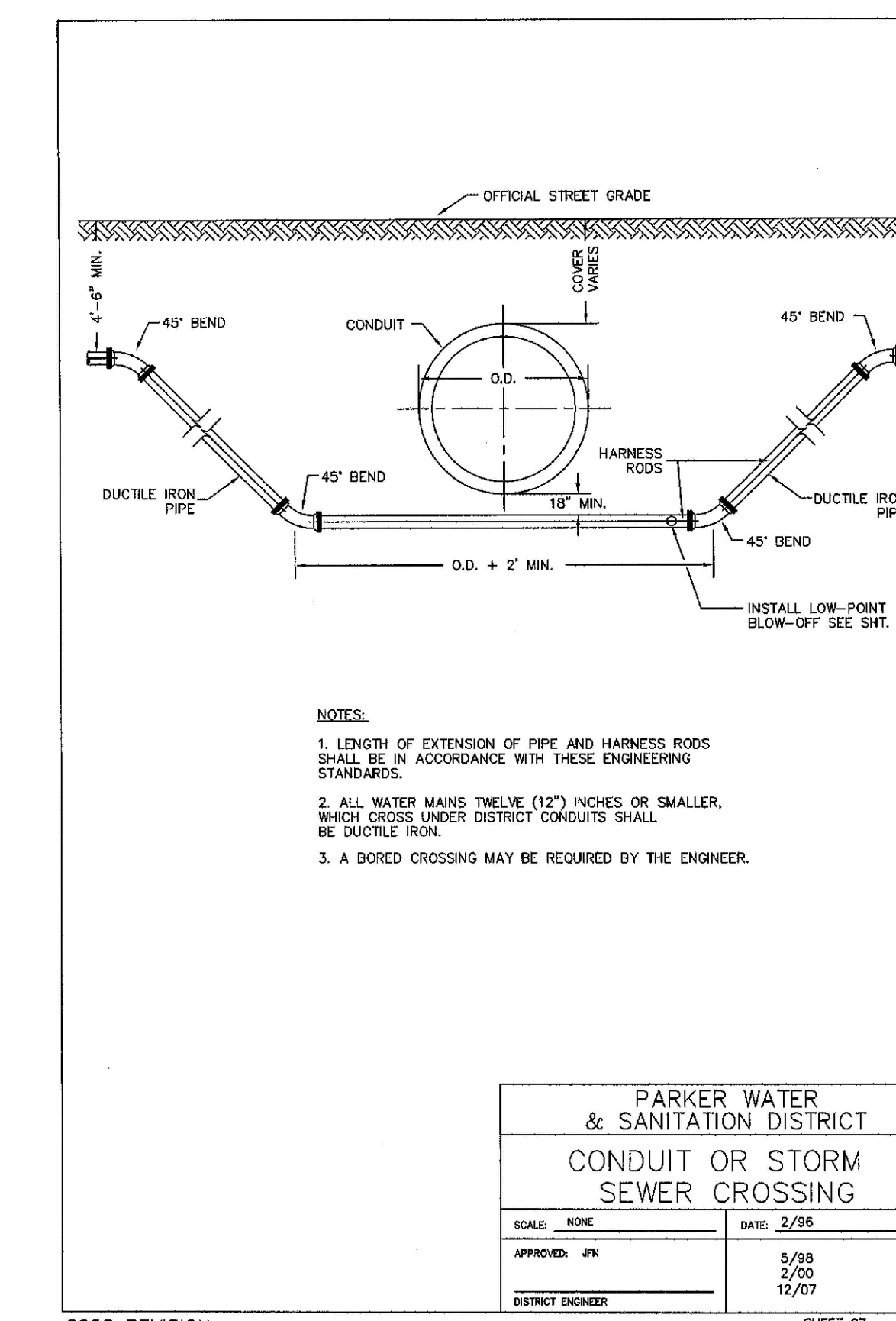
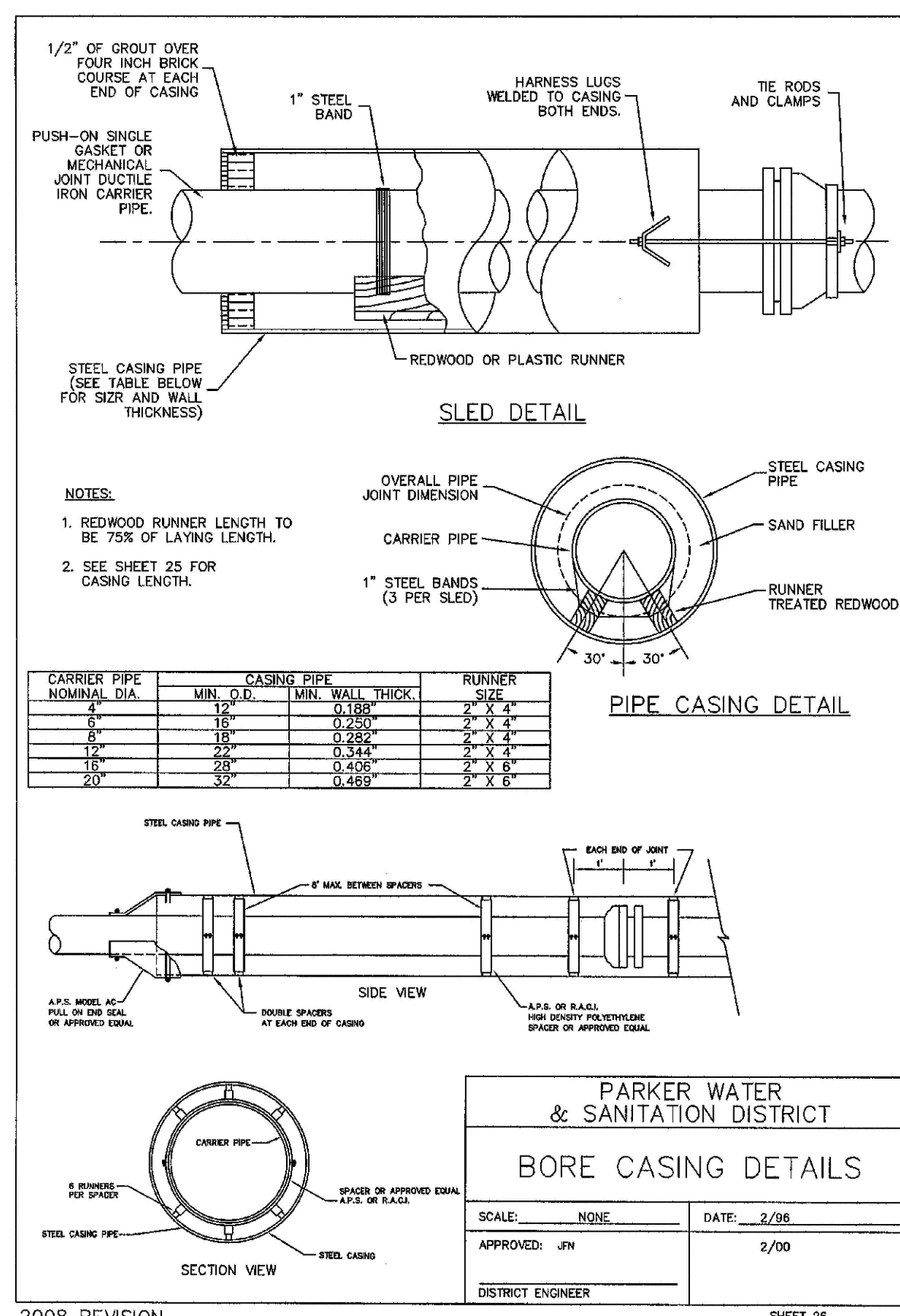
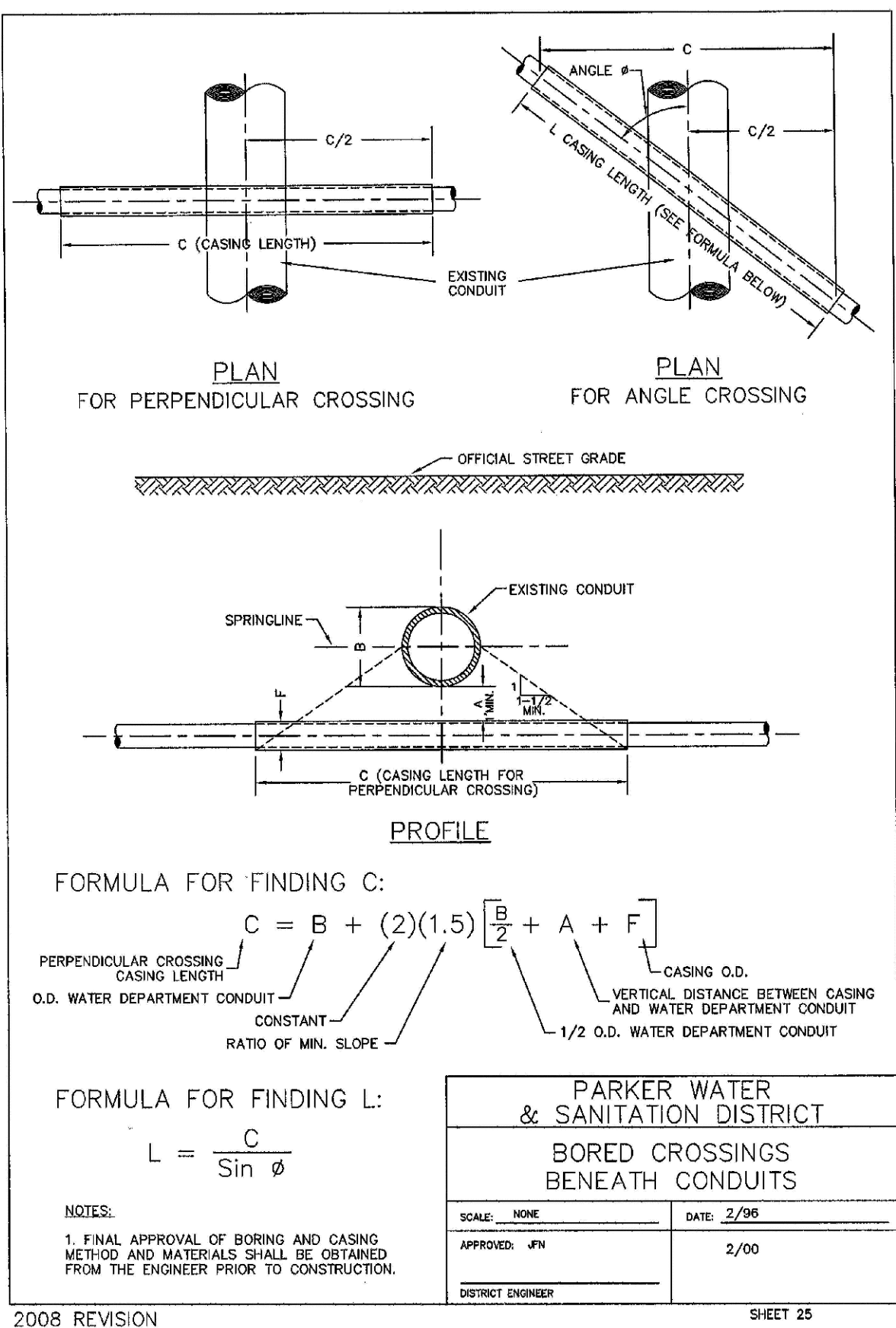
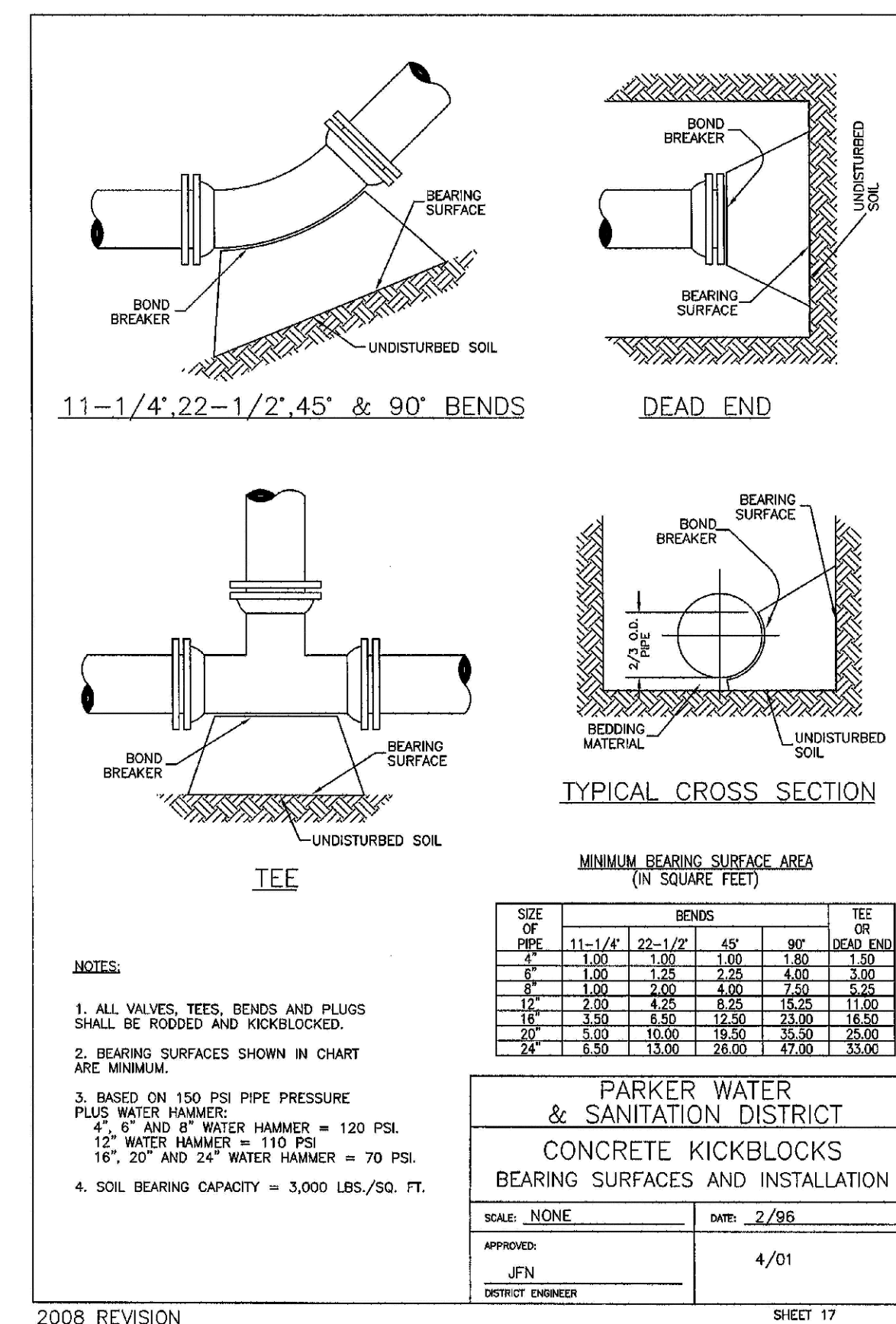
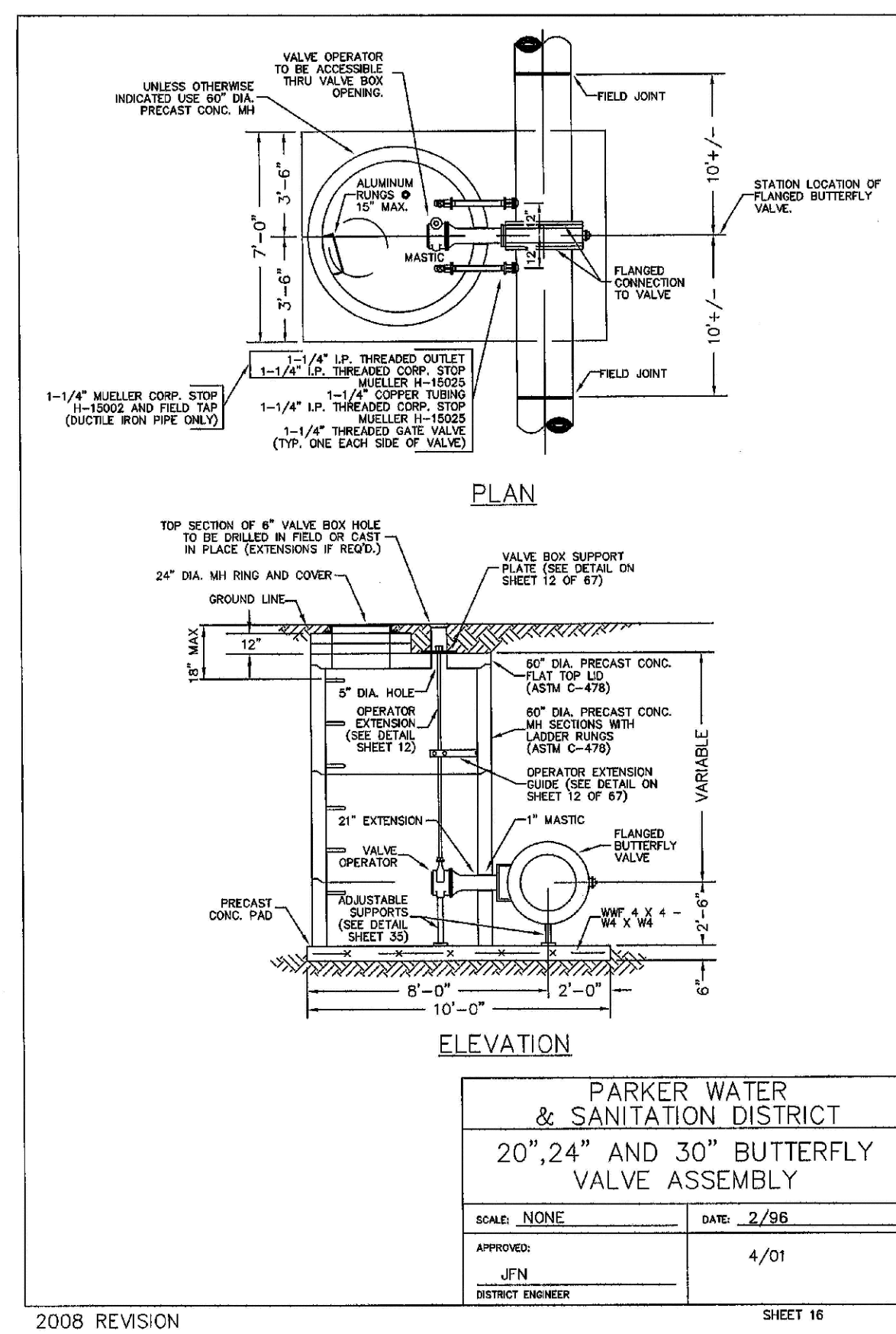
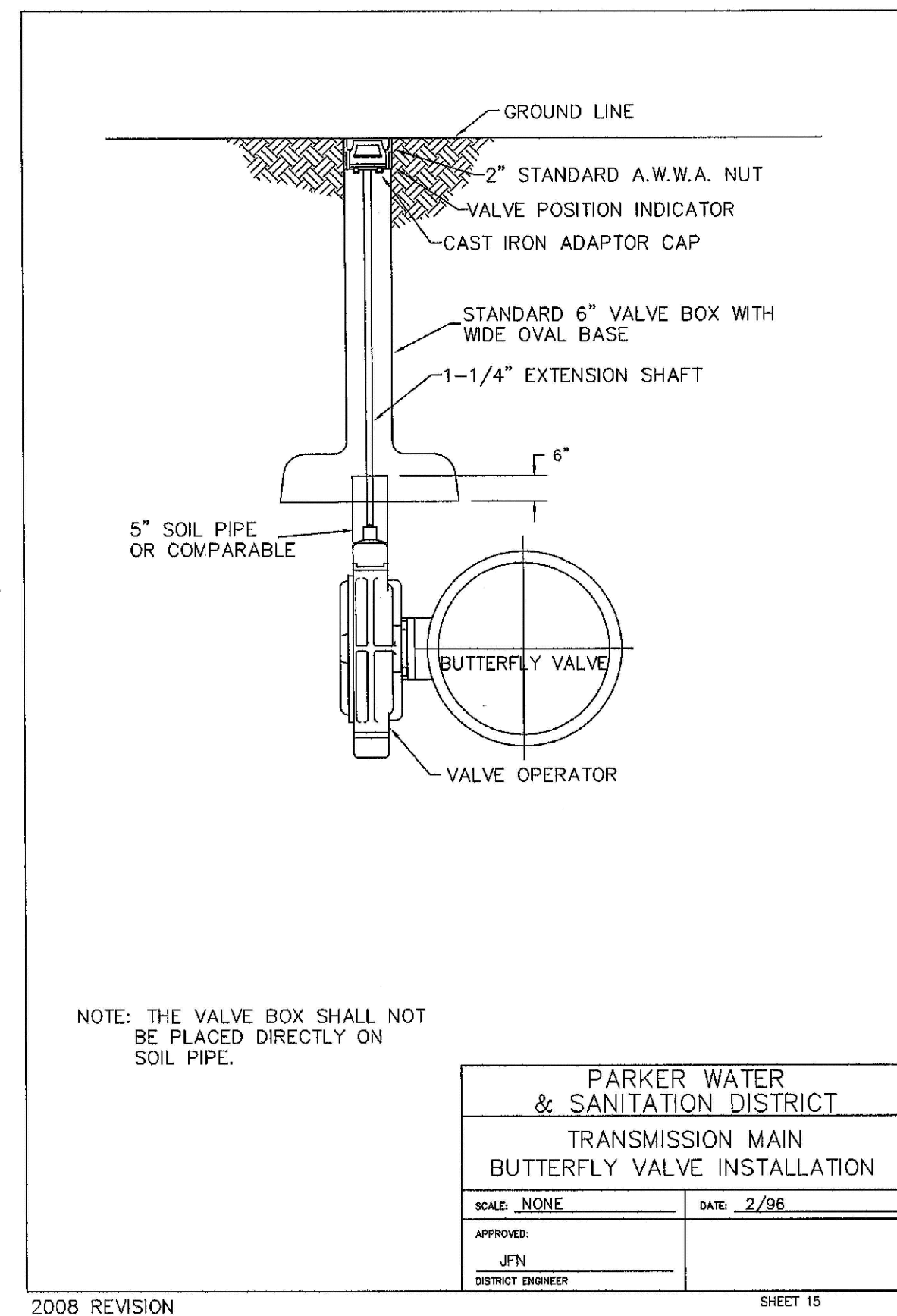
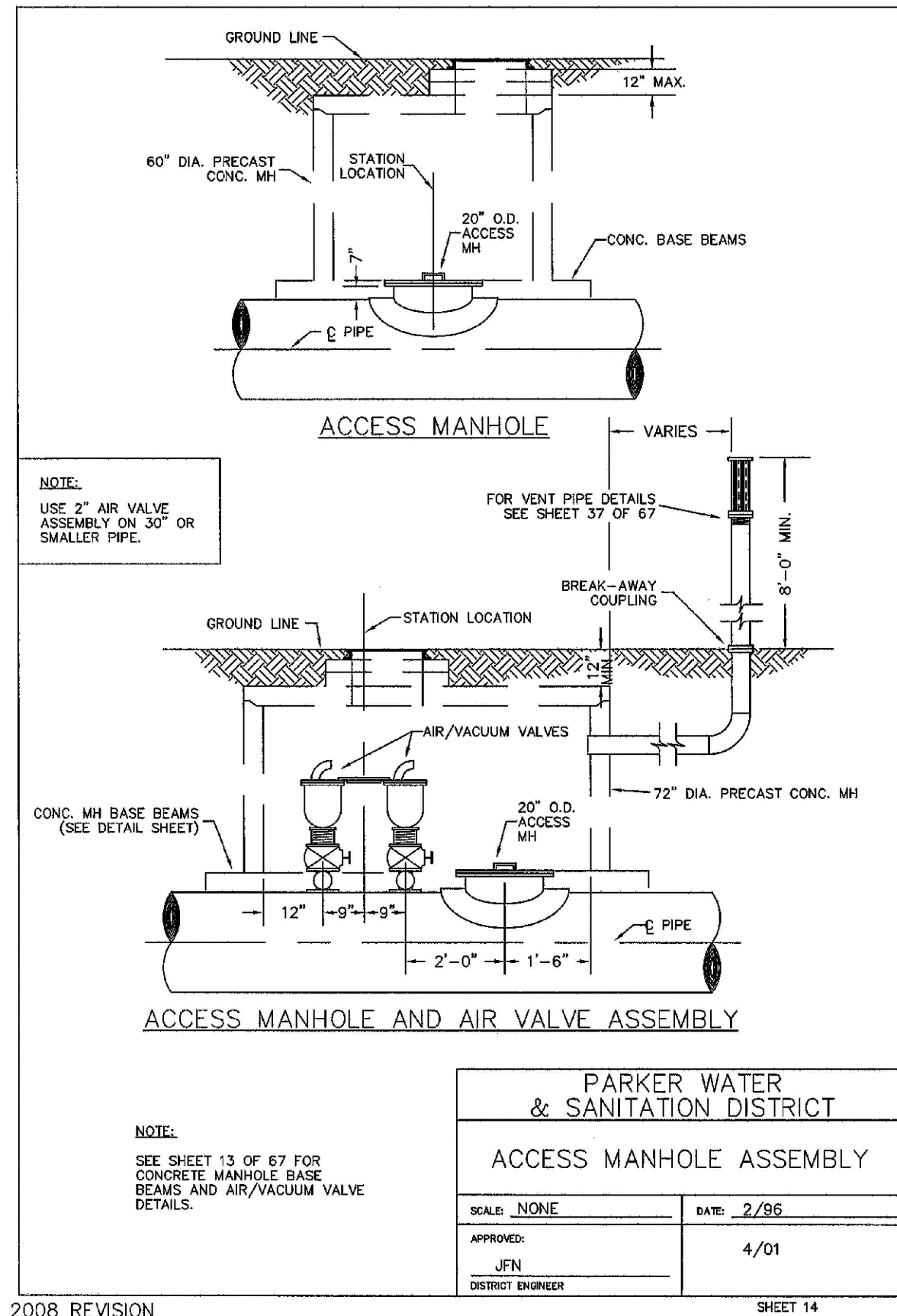


2008 REVISION SHEET 14

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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
				SCALE: NONE	FILE NO: 8130283701				
EXX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112									
TRAILS AT CROWFOOT FILING 7 CONSTRUCTION DRAWINGS WATER DETAILS									
10338 E. Dry Creek Rd. Suite 410 Englewood, CO 80110 Tel: (720) 482-9526 Fax: (720) 482-9548									

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 Suite 410
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 Tel: (720) 482-9526
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ESX MANAGEMENT
 7353 South Alton Way
 CENTENNIAL, CO 80112

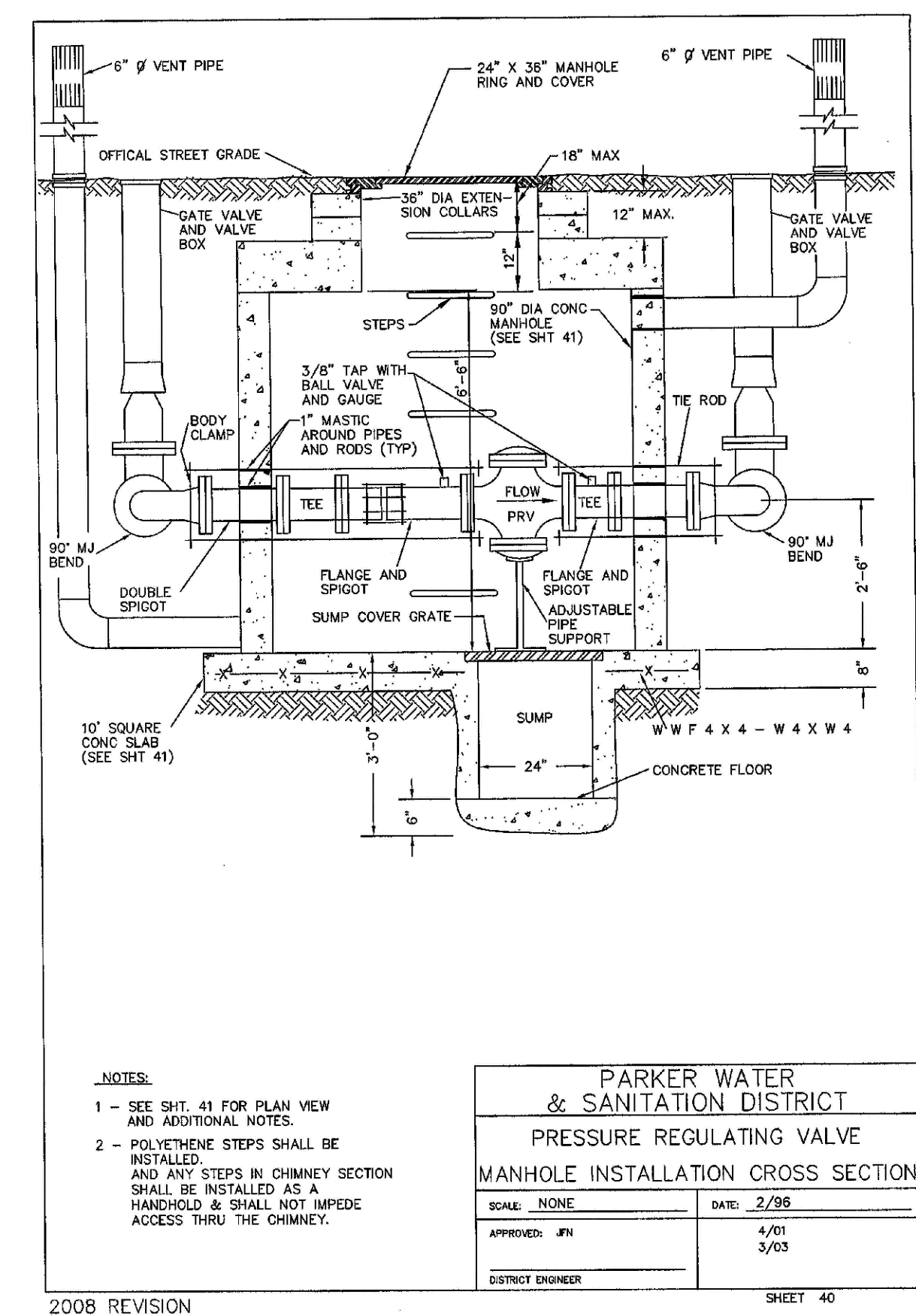
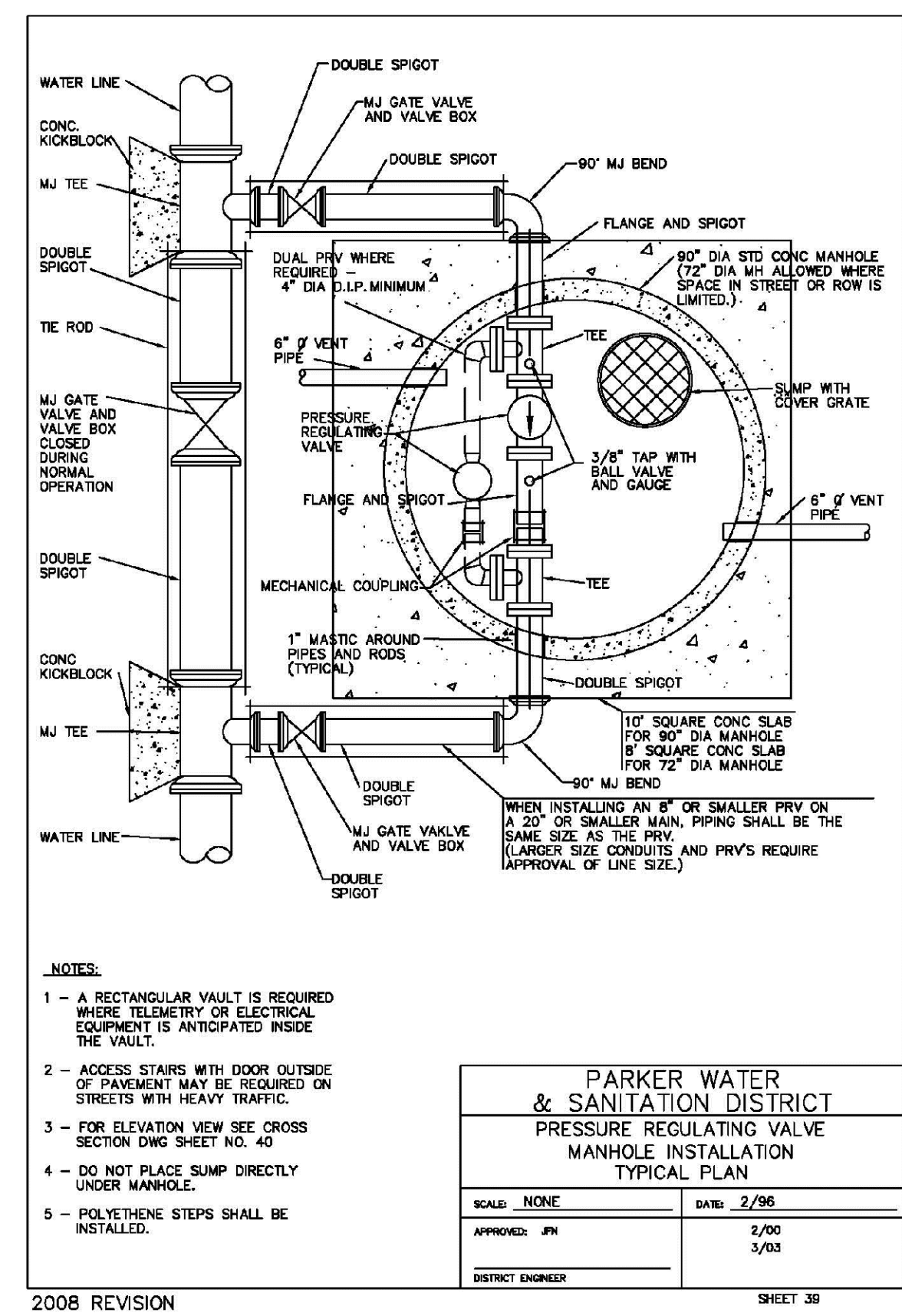
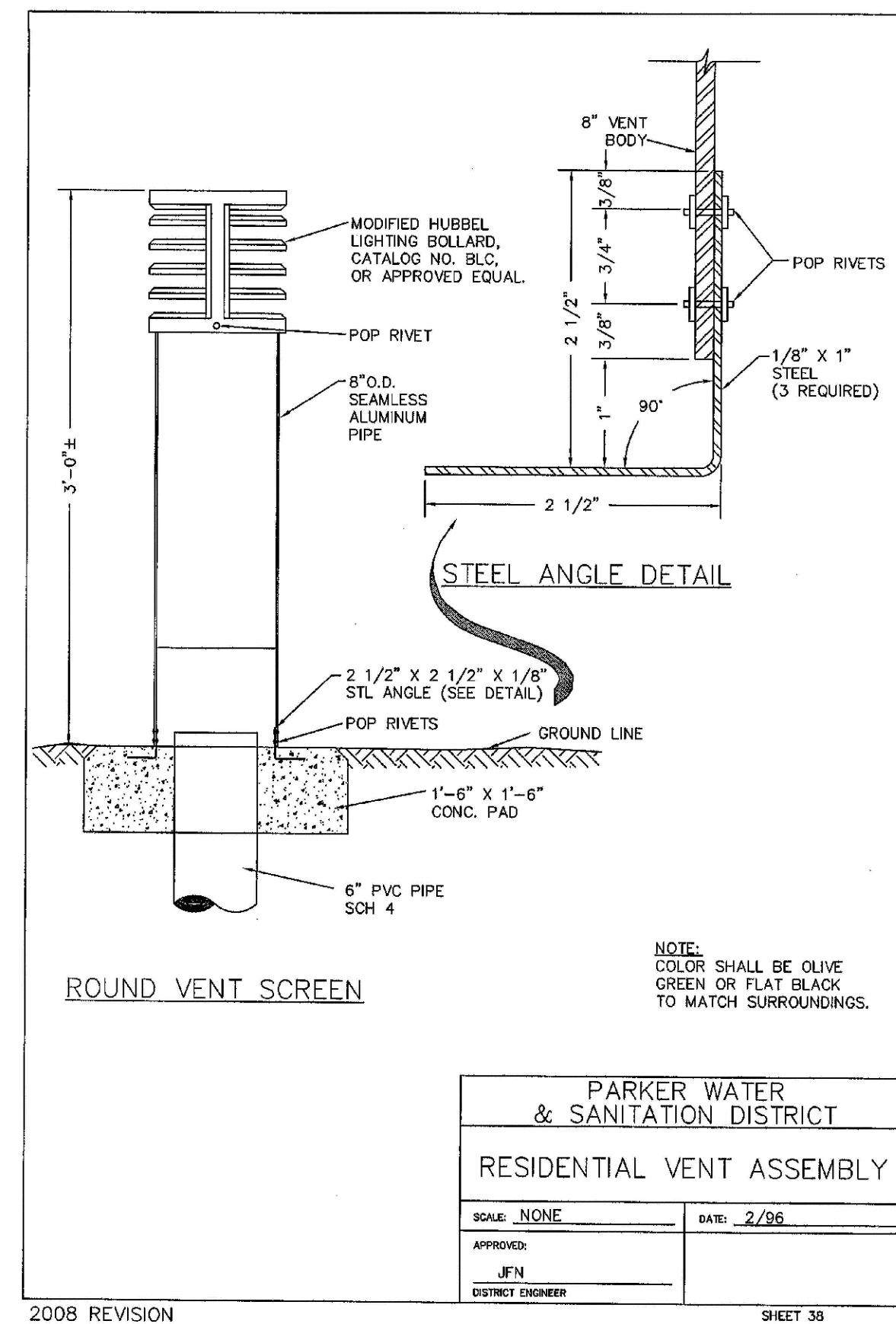
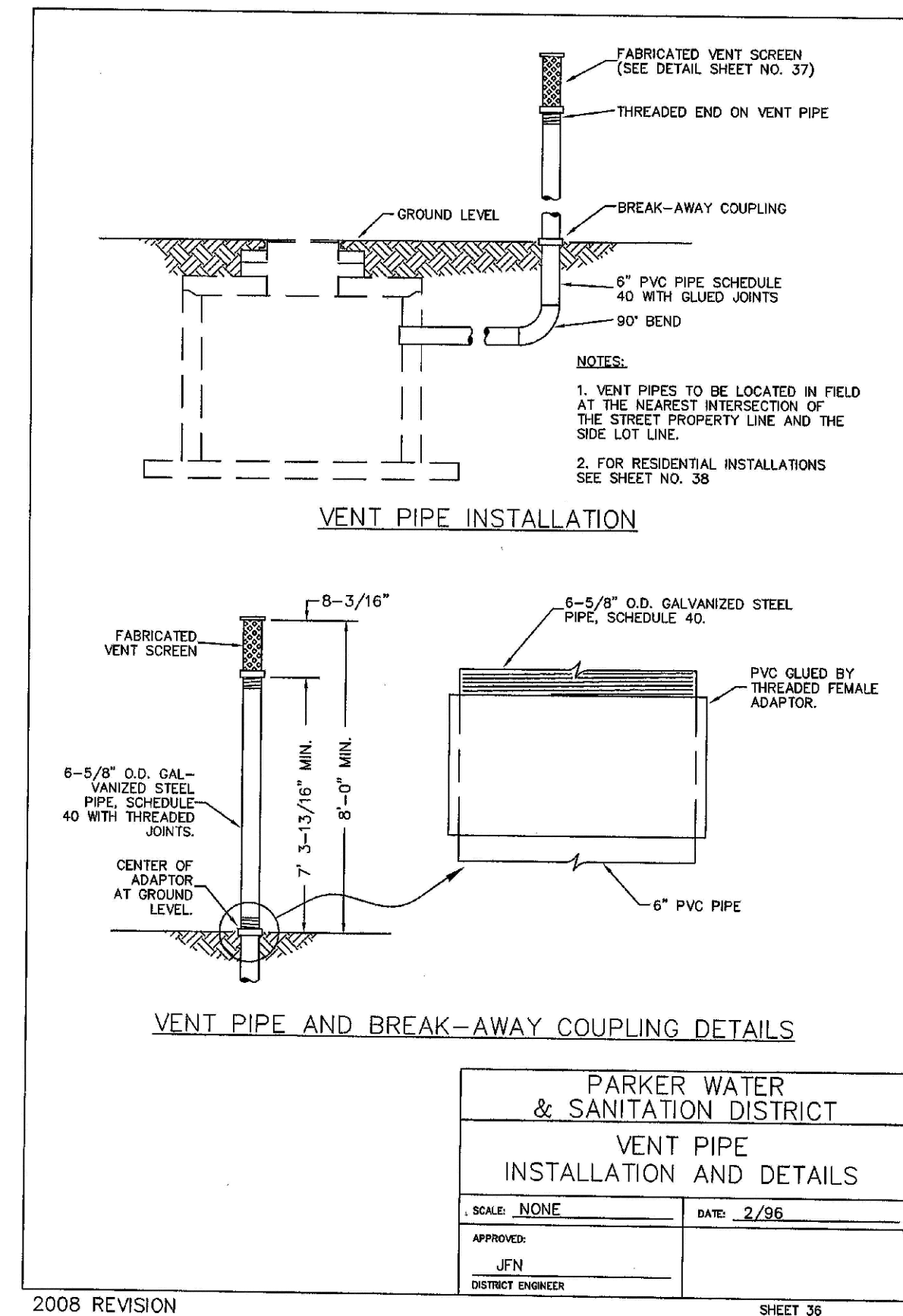
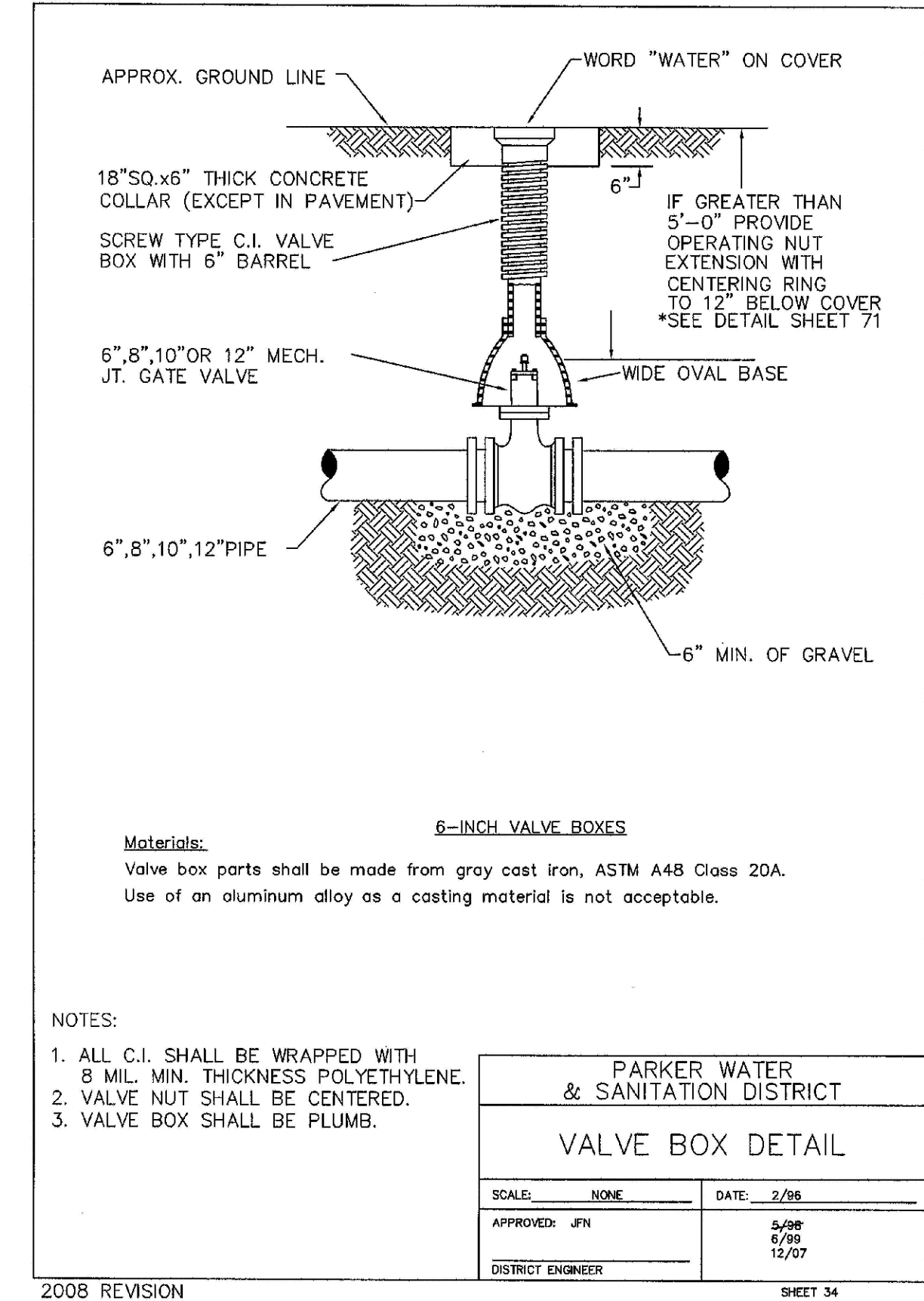
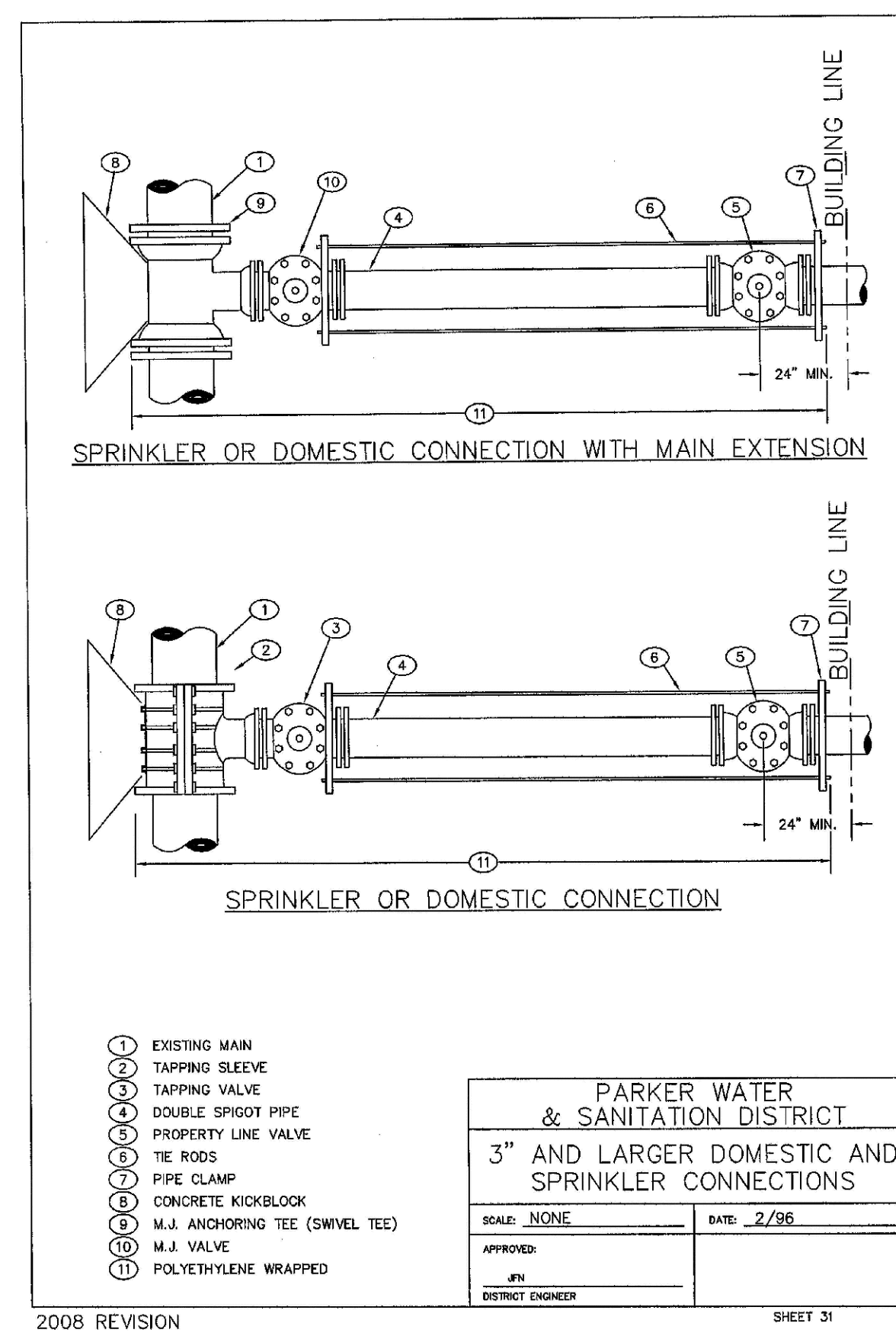
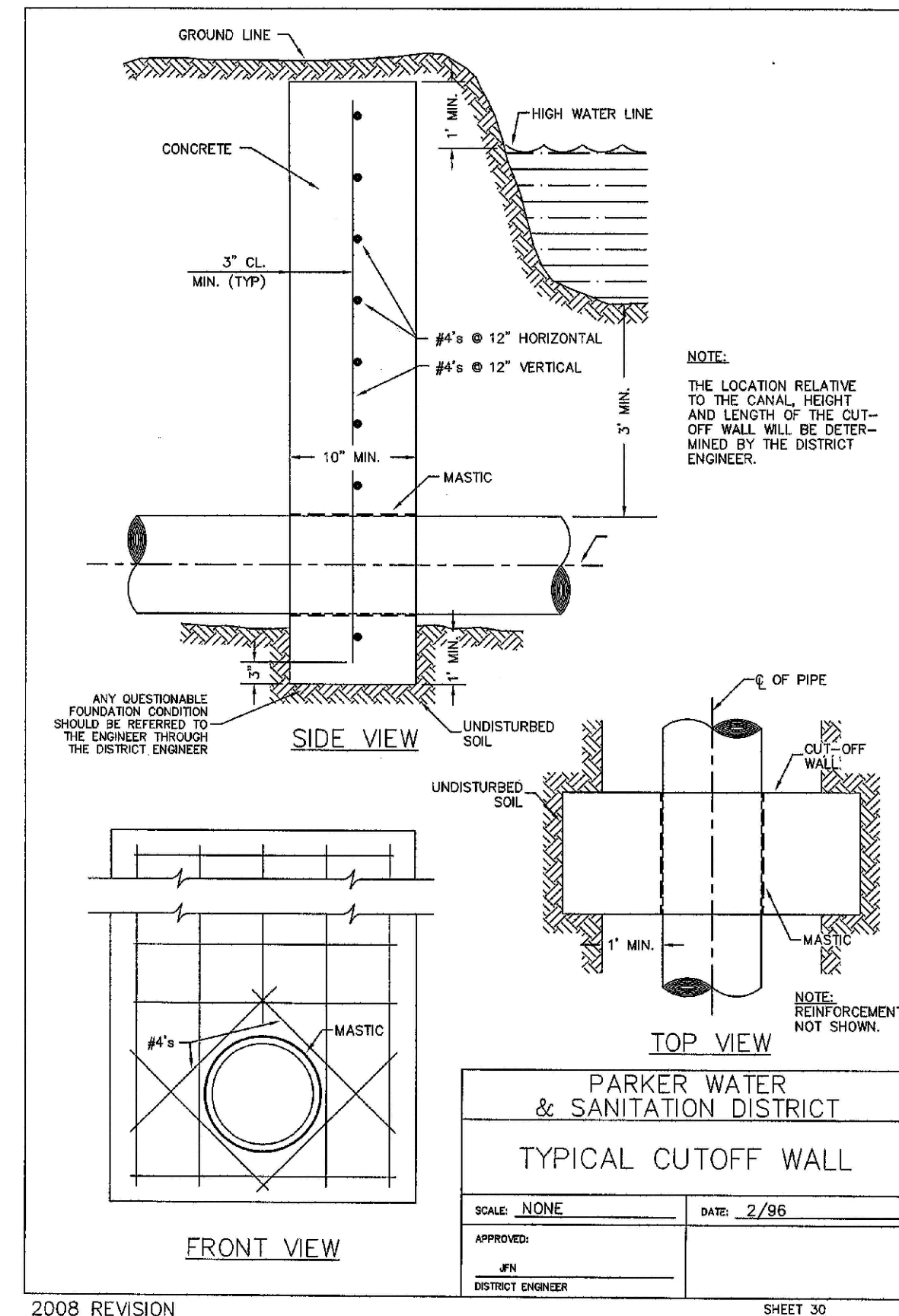
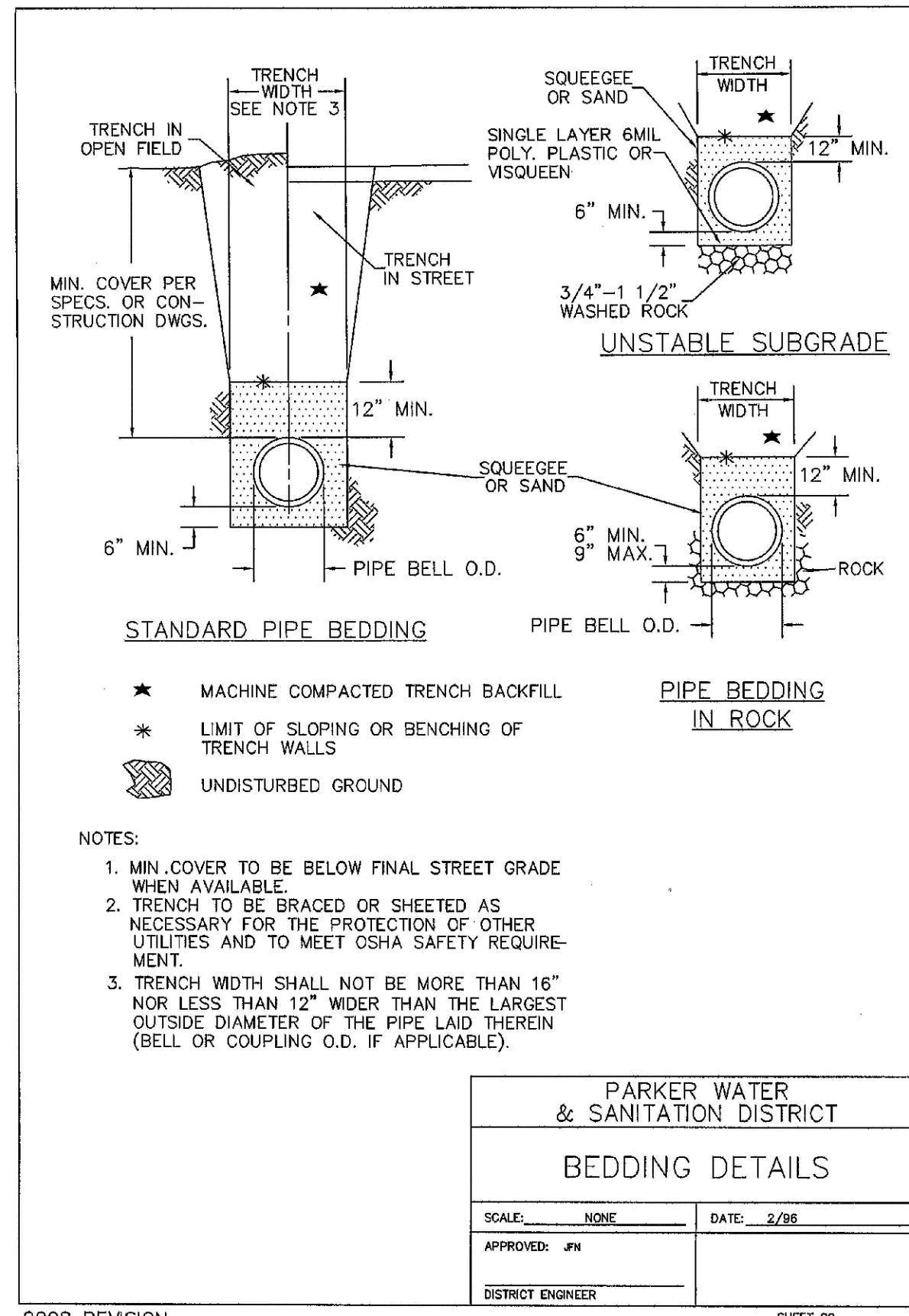
TRAILS AT CROWFOOT
FILING 7 CONSTRUCTION DRAWINGS
 WATER DETAILS

SCALE: AS SHOWN
 FILE NO: 8130283701

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

SHEET NUMBER: 13

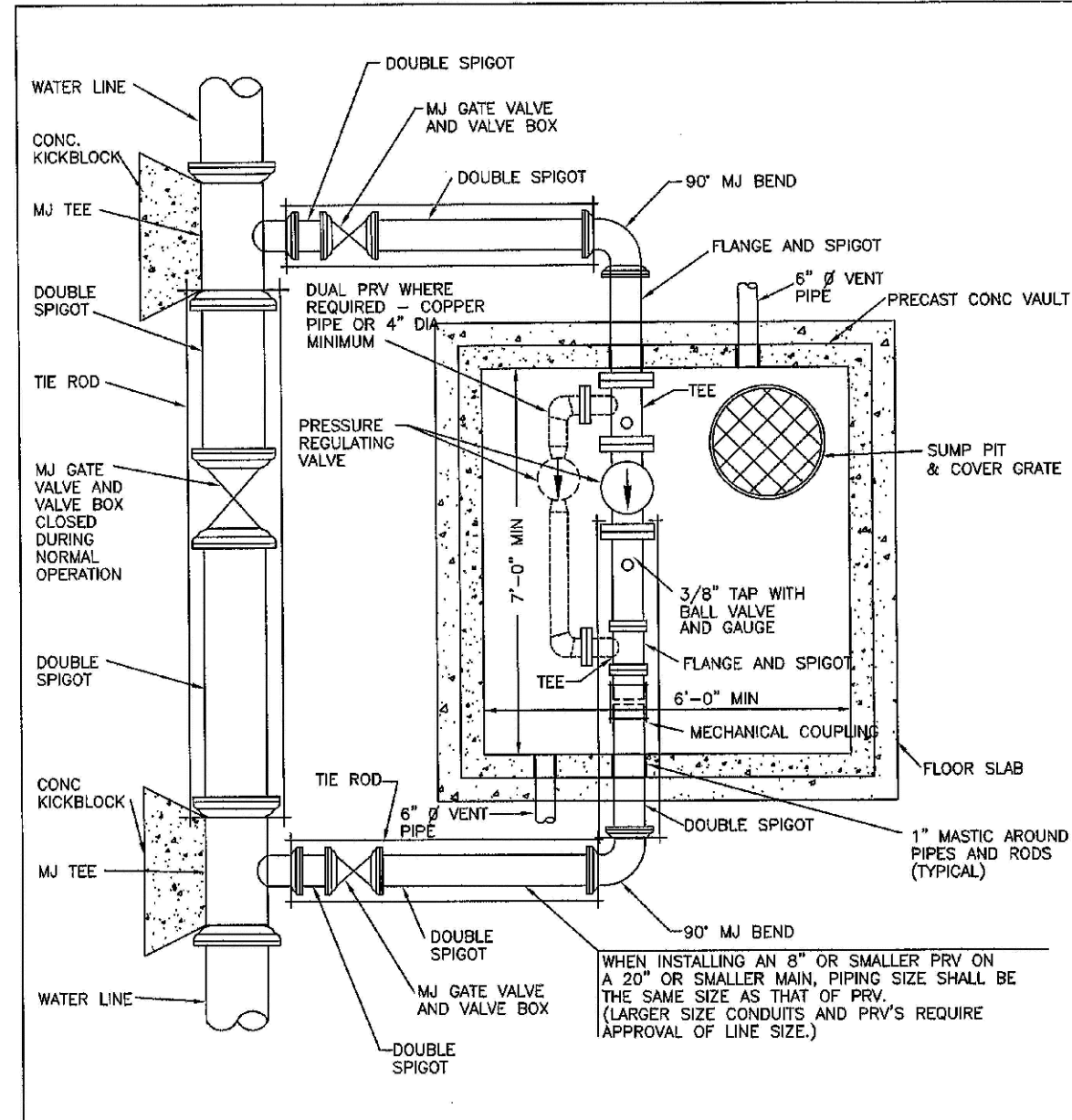
Revisions: No. Date Init. Appr. Date



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SHEET NUMBER	14	DRAWN BY: JF	AS SHOWN	SCALE:	AS SHOWN	CHECKED BY: JJ	FILE NO:	DATE:	AUGUST 2017
	8130283701								
TRAILS AT CROWFOOT FILING 7 CONSTRUCTION DRAWINGS WATER DETAILS		ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112		CVL CONSULTANTS		10333 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546		Revisions	Date



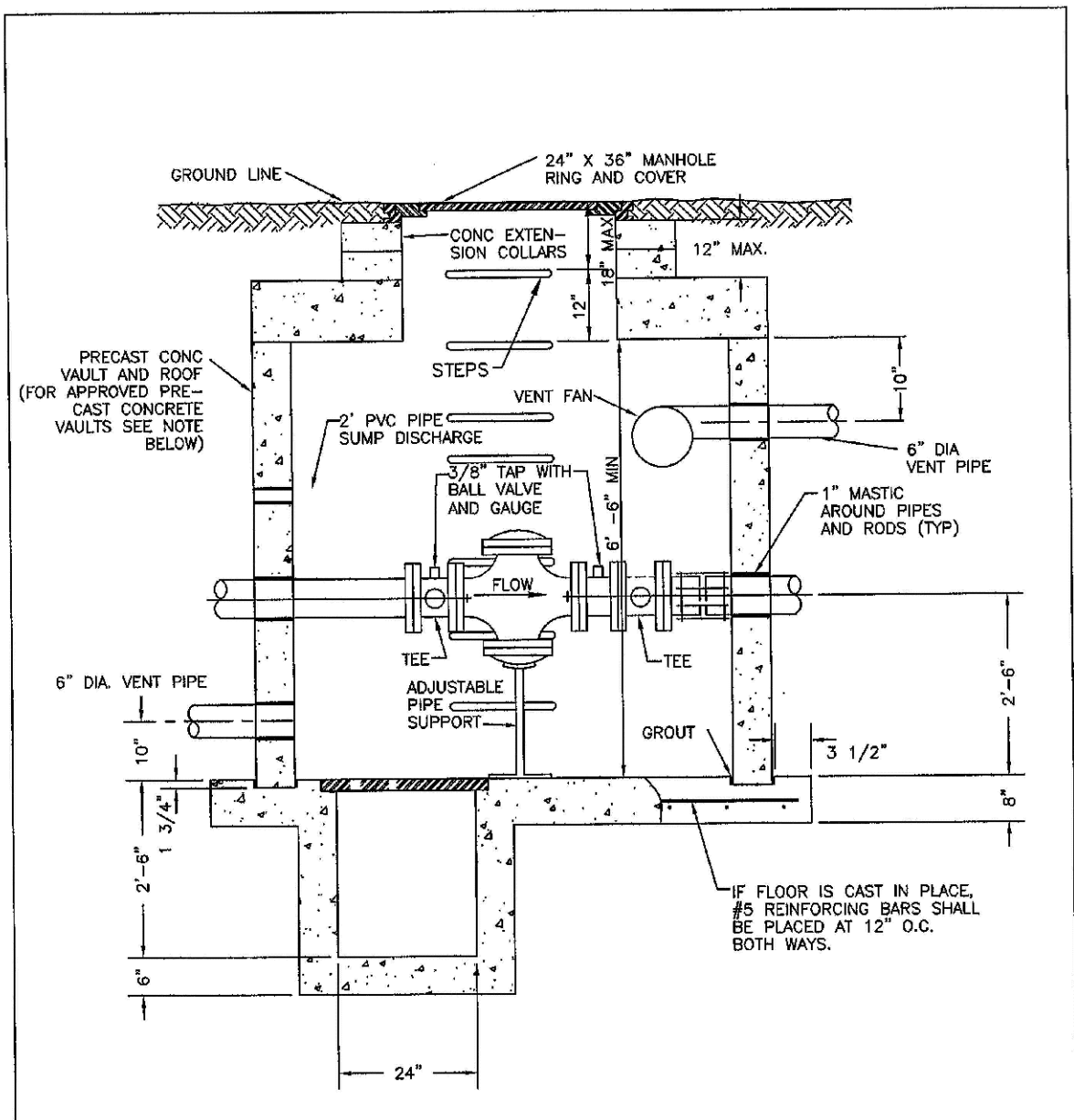
- NOTES:**
- 1 - A RECTANGULAR VAULT IS REQUIRED WHERE TELEMETRY OR ELECTRICAL EQUIPMENT INSIDE THE VAULT IS ANTICIPATED.
 - 2 - ACCESS STAIRS WITH DOOR OUTSIDE OF PAVEMENT MAY BE REQUIRED ON STREETS WITH HEAVY TRAFFIC.
 - 3 - FOR ELEVATION VIEW SEE CROSS SECTION DWG SHEET NO. 42.
 - 4 - SUMP PUMP AND VENT FAN REQUIRED IN VAULTS WITH ELECTRICAL OR TELEMETRY EQUIPMENT.
 - 5 - POLYETHYLENE STEPS SHALL BE INSTALLED.

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

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

SHEET 41

2008 REVISION



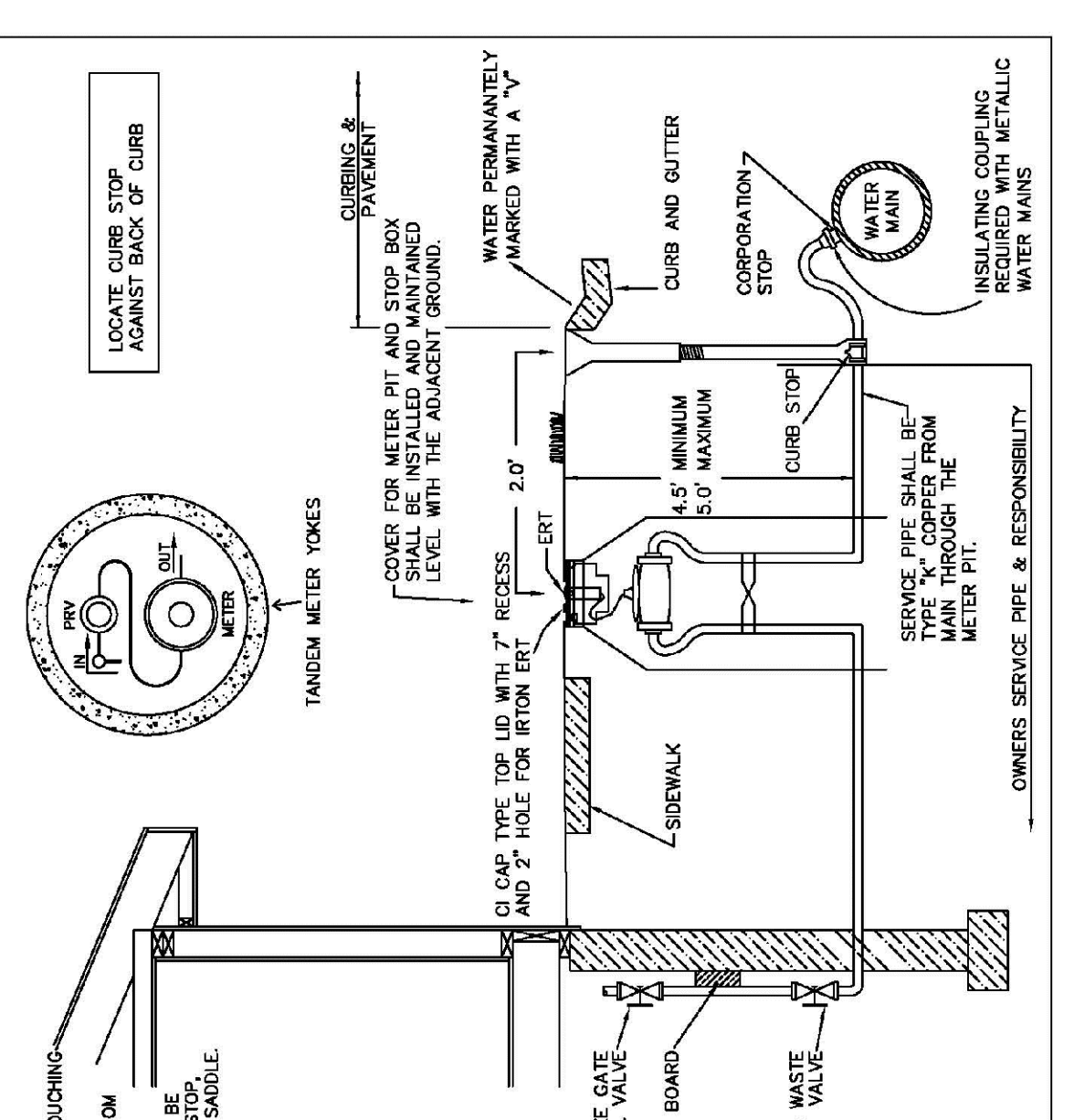
- NOTES:**
- 1 - APPROVED PRECAST CONCRETE VAULTS: ARCO CONCRETE INC. - 12' X 10' X 7', TOSOM, 7080 - 12, ADAMS CITY MFG - 11' X 12', 6' X 8'-0", 7' X 12'-0"
 - 2 - A PERMIT IS REQUIRED FOR SUMP PUMP DISCHARGE TO STORM SEWERS.
 - 3 - SEE SHEET 41 FOR PLAN VIEW AND ADDITIONAL NOTES.
 - 4 - POLYETHYLENE STEPS SHALL BE INSTALLED.

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

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

SHEET 42

2008 REVISION



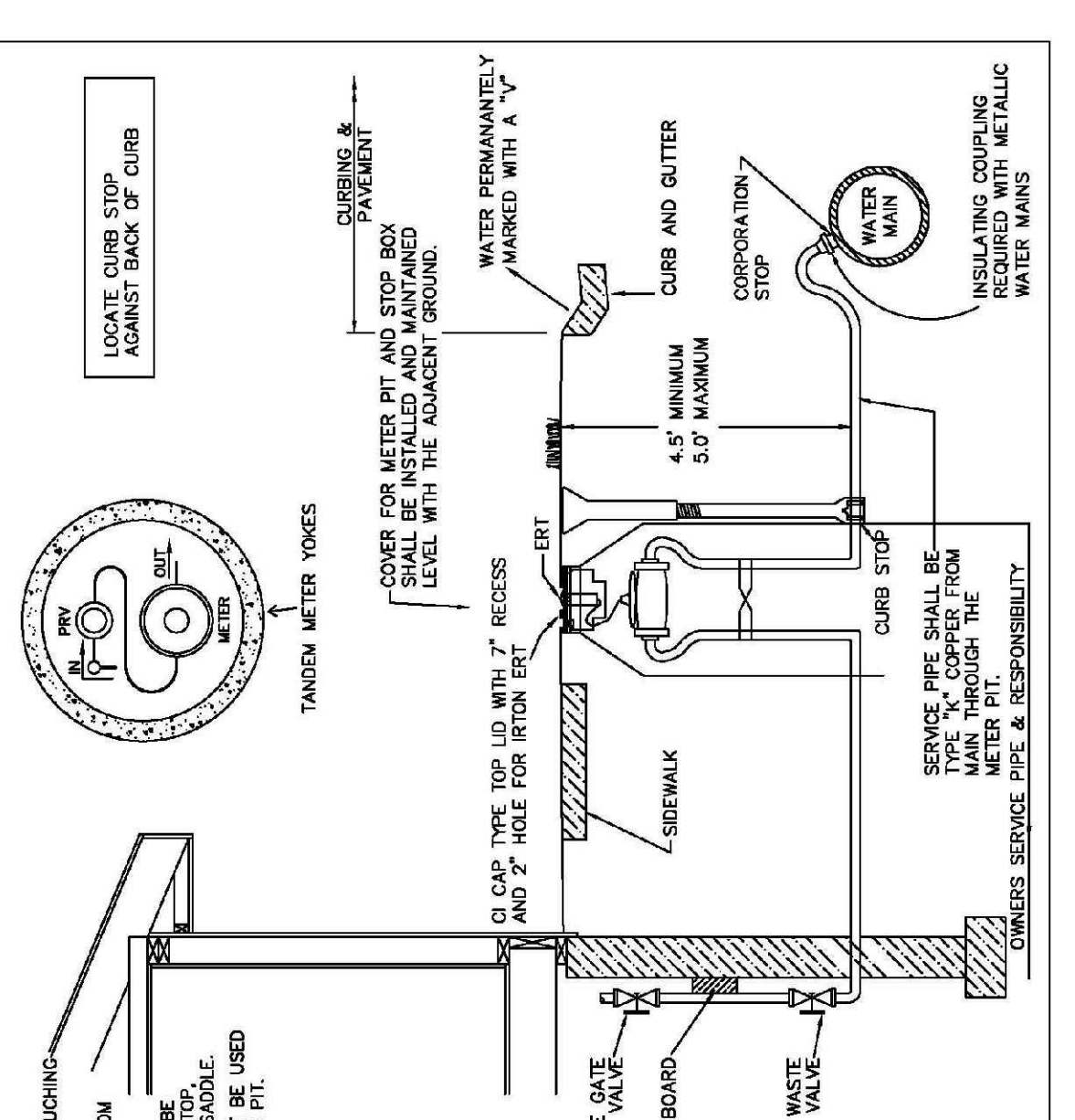
- NOTES:**
- 1 - PLACEMENT OF STOP BOX MUST BE TOUCHING EDGE OF METER PIT.
 - 2 - OWNER'S RESPONSIBILITY SHALL BE FROM THE BUILDING TO THE CURBSTOP.
 - 3 - THE DISTRICT'S RESPONSIBILITY SHALL BE FROM THE WATER MAIN, THE CORPORATION STOP, TO THE CURBSTOP AND THE TAPPING SADDLE.

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
	09/03
	12/03

SHEET 44

2008 REVISION



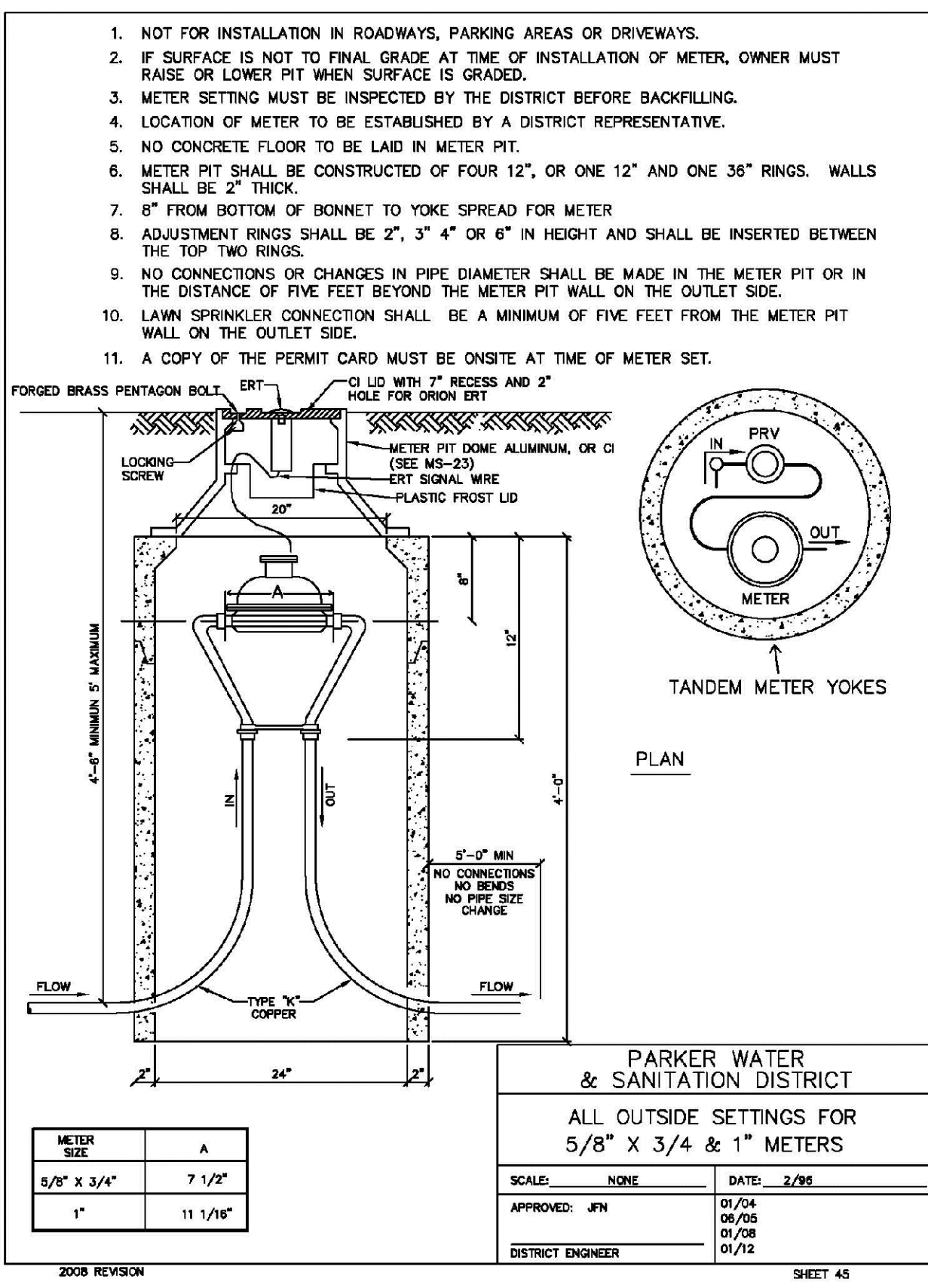
- NOTES:**
- 1 - PLACEMENT OF STOP BOX MUST BE TOUCHING EDGE OF METER PIT.
 - 2 - OWNER'S RESPONSIBILITY SHALL BE FROM THE BUILDING TO THE CURBSTOP.
 - 3 - THE DISTRICT'S RESPONSIBILITY SHALL BE FROM THE WATER MAIN, THE CORPORATION STOP, TO THE CURBSTOP AND THE TAPPING SADDLE.
 - 4 - TWO 1\"/>

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
	09/03
	12/03

SHEET 44

2008 REVISION



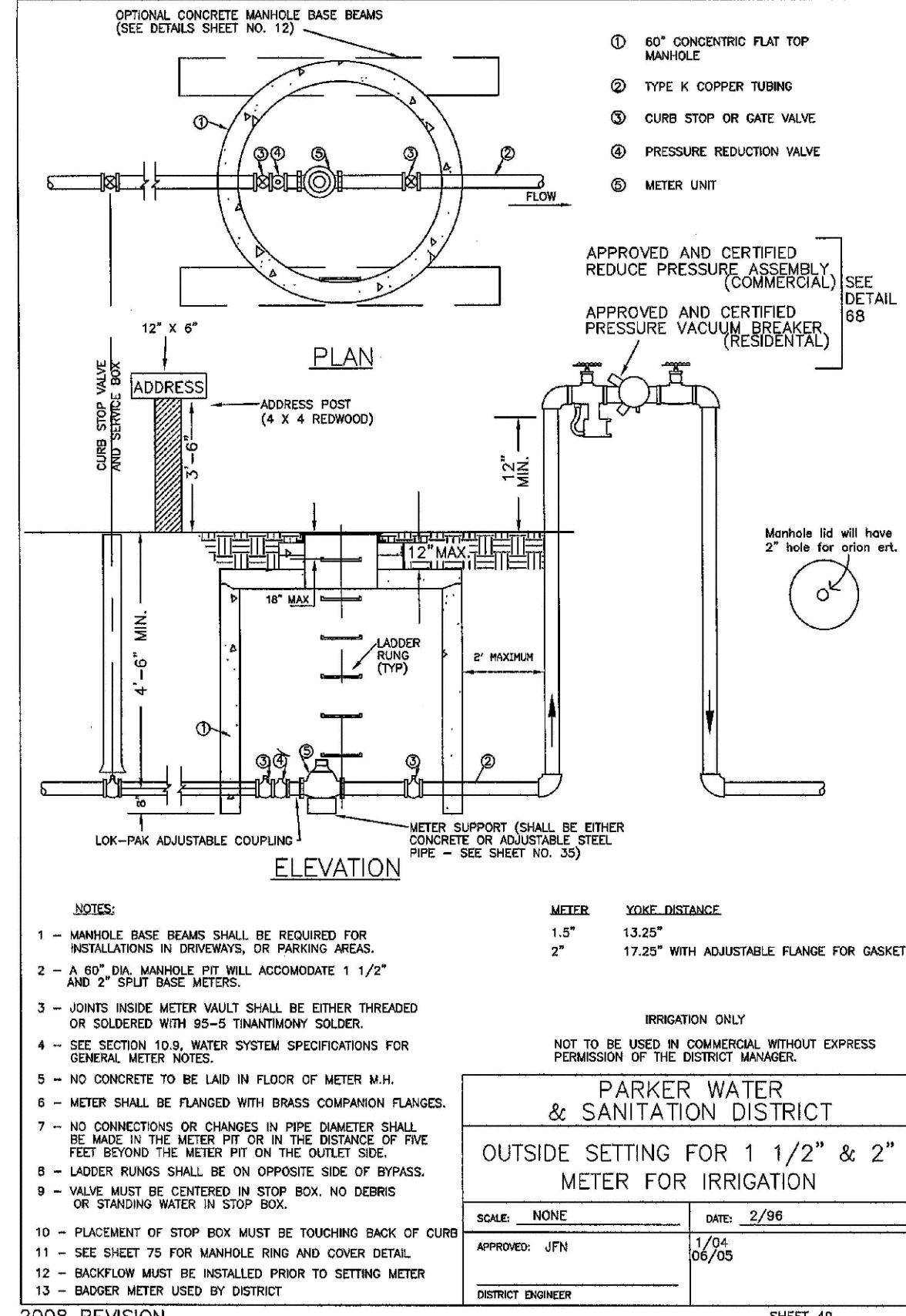
METER SIZE	A
5/8" X 3/4"	7 1/2"
1"	11 1/8"

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

SCALE: NONE	DATE: 2/98
APPROVED: JFN	07/94
DISTRICT ENGINEER	09/08
	01/02

SHEET 45

2008 REVISION

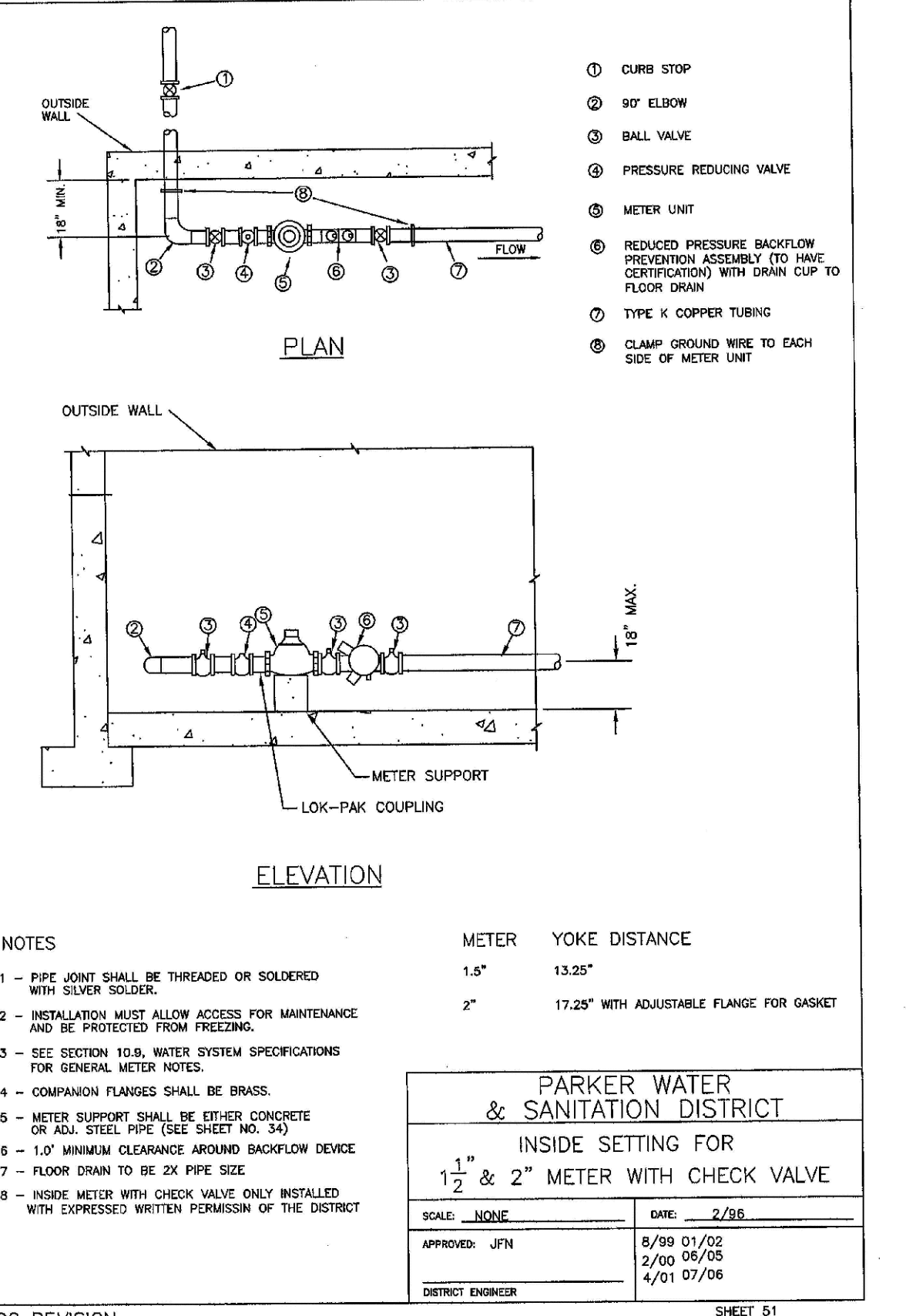


PARKER WATER & SANITATION DISTRICT
OUTSIDE SETTING FOR 1 1/2" & 2"
METER FOR IRRIGATION

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

SHEET 49

2008 REVISION

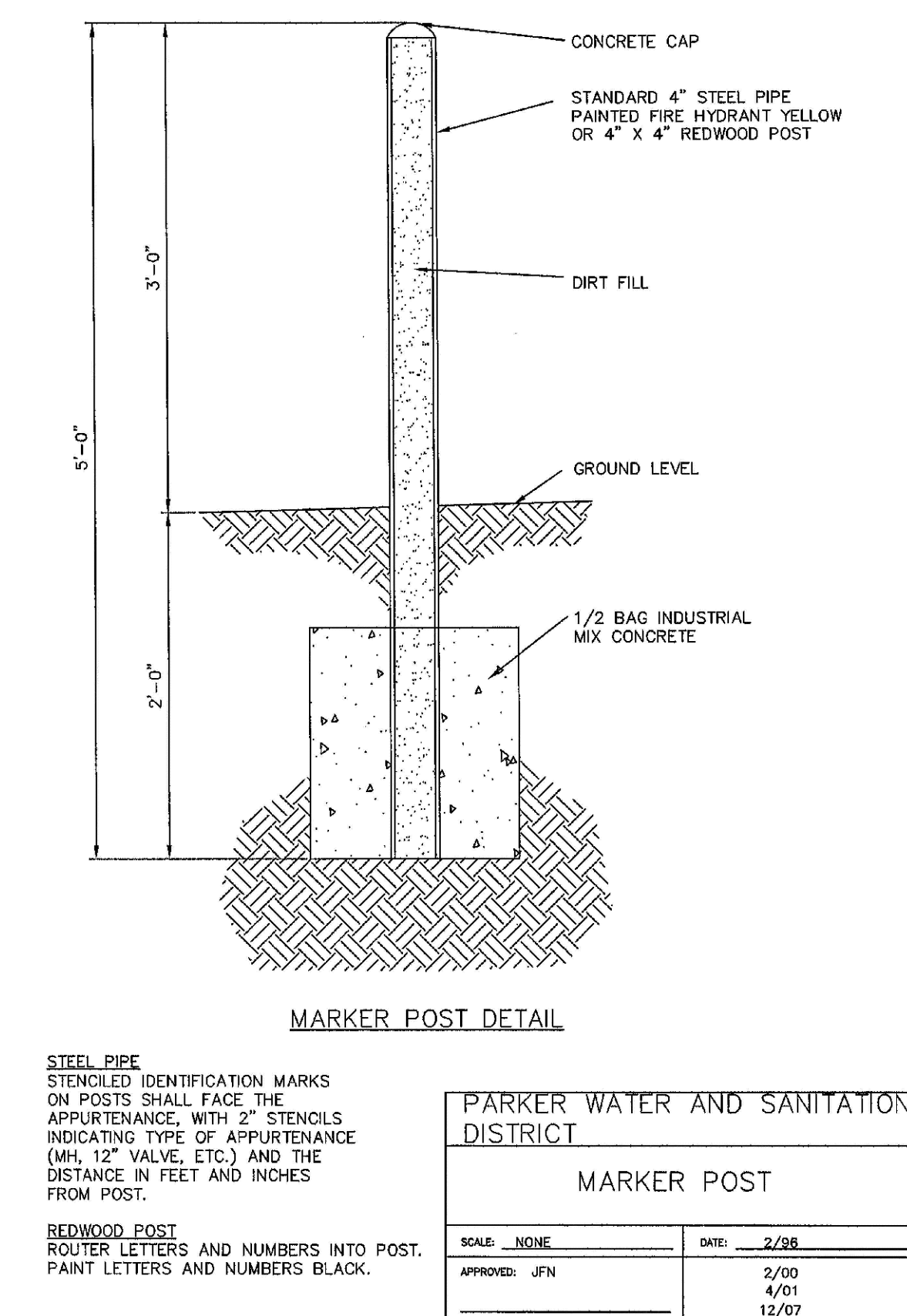


PARKER WATER & SANITATION DISTRICT
INSIDE SETTING FOR
1 1/2" & 2" METER WITH CHECK VALVE

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

SHEET 51

2008 REVISION



PARKER WATER AND SANITATION DISTRICT
MARKER POST

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

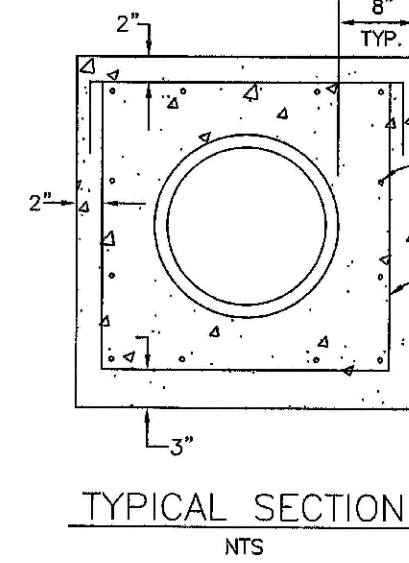
SHEET 58

2008 REVISION

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LITELTY NOTIFICATION CENTER OF COLORADO

SHEET NUMBER	SCALE:	AS SHOWN	FILE NO:	8130283701
	DRAWN BY:	JF		DATE:
CHECKED BY:	JU	DATE:		
REVISIONS	No.	Date	Init.	Appr.
<p align="center">TRAILS AT CROWFOOT FILING 7 CONSTRUCTION DRAWINGS WATER DETAILS</p>				
<p align="center">ESX MANAGEMENT 7353 South Alton Way CENTENNIAL, CO 80112</p>				
<p align="center">CVL CONSULTANTS</p>				
<p>10333 E. Dry Creek Rd. Denver, CO 80140 Tel: (720) 482-9526 Fax: (720) 482-9548</p>				

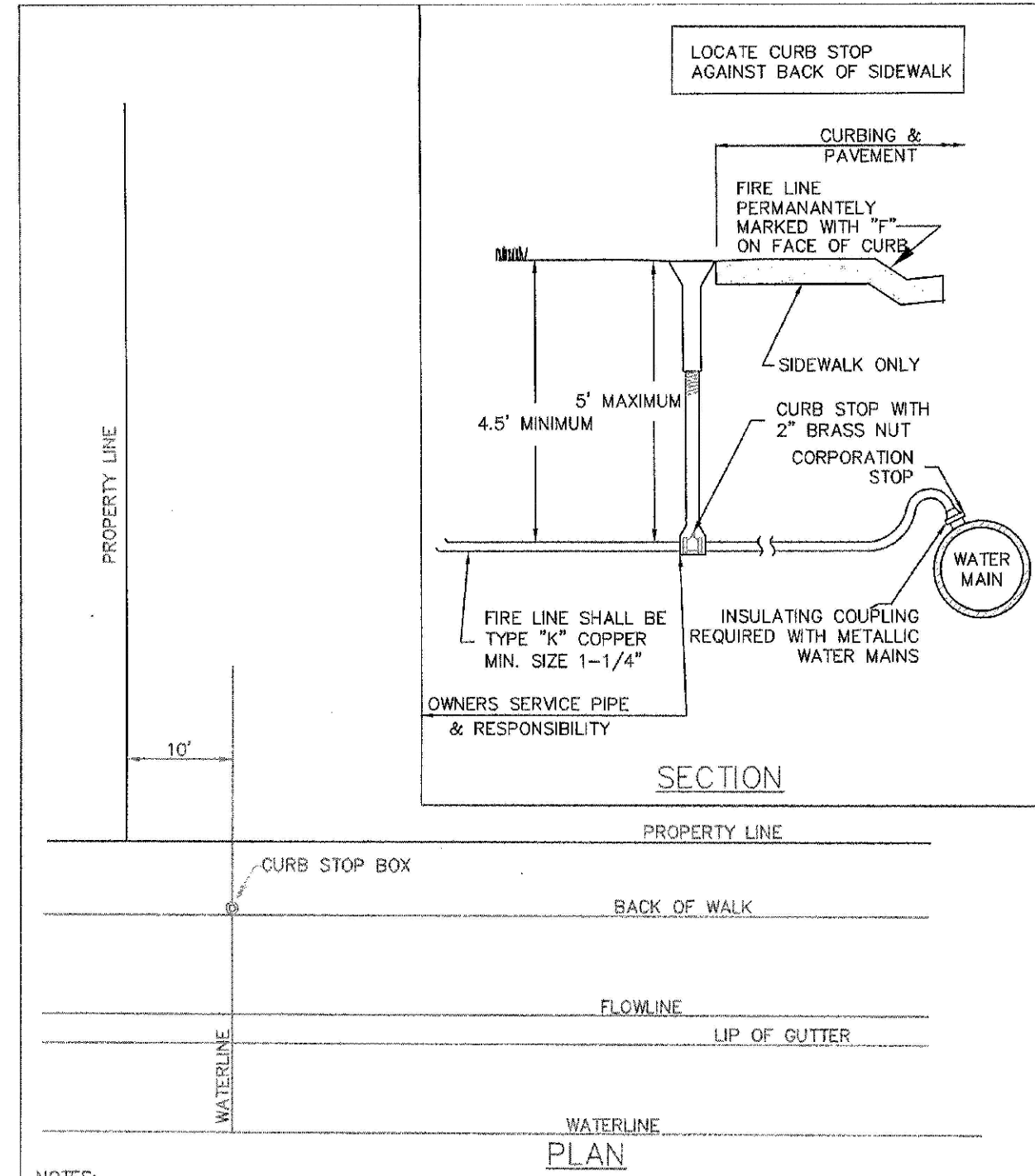


- NOTES:
1. ALL CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 PSI USING TYPE I PORTLAND CEMENT AND 3/4" AGGREGATE. ALL CONCRETE SHALL HAVE 5-7% ENTRAINED AIR CONTENT AND A MAXIMUM SLUMP OF 4".
 2. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
 3. ALL REINFORCEMENT SHALL HAVE 2" MIN. CONCRETE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

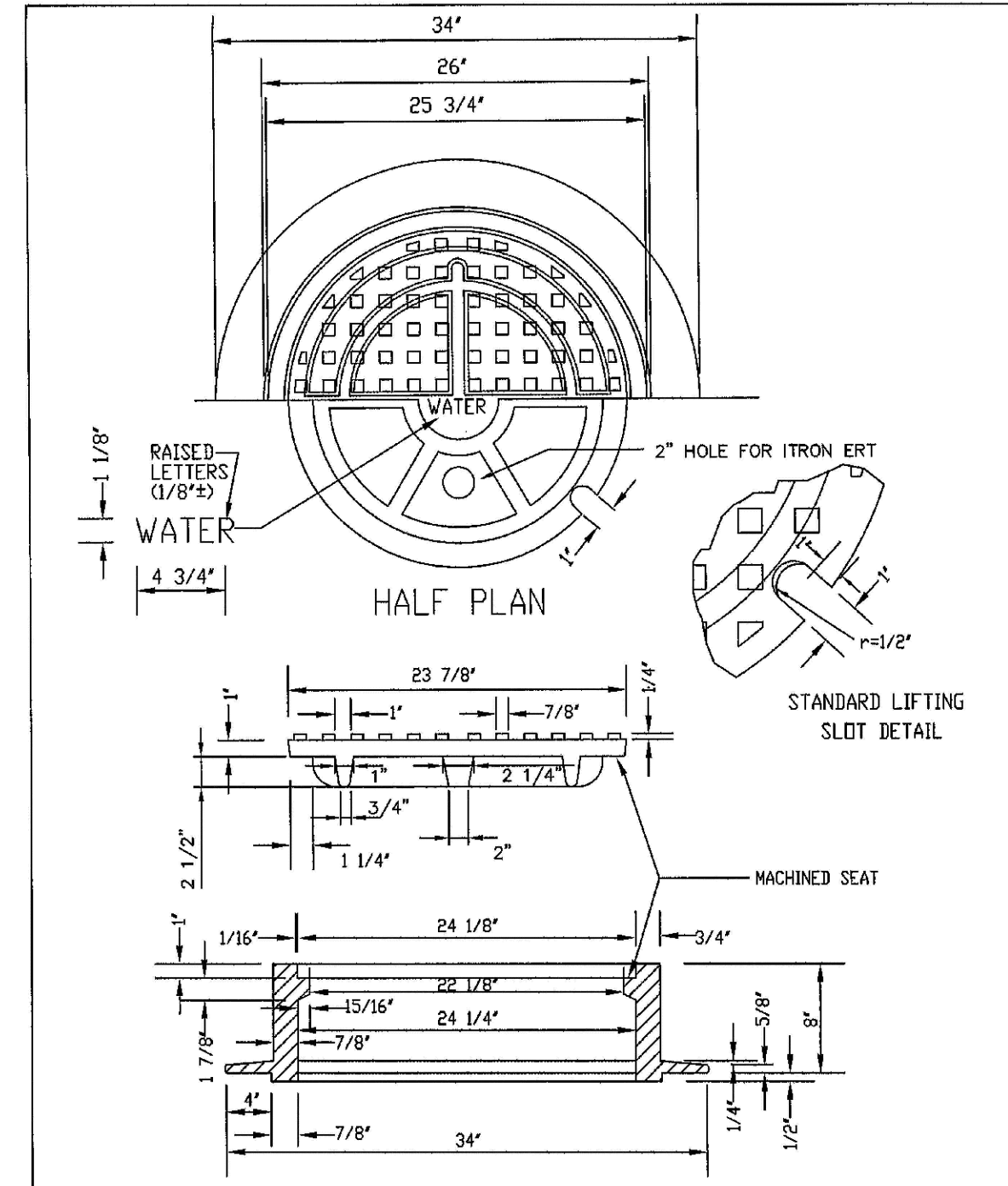


- NOTES:
1. AN "F" WILL BE PERMANENTLY MARKED ON CURB FACE OVER FIRE LINE.
 2. DOMESTIC WATER SERVICE SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET FROM THE FIRE LINE.
 3. SANITARY SEWER SERVICE SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET FROM THE WATER SERVICE (EITHER DOMESTIC OR FIRE LINE).

PARKER WATER & SANITATION DISTRICT	
RESIDENTIAL FIRE LINES	
SCALE: NONE	DATE: 6/09
APPROVED: RJG	2/00
DISTRICT ENGINEER	05/05
	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: 6/08
APPROVED: JFN	12/07
DISTRICT ENGINEER	

2008 REVISION

SHEET 75

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UTILITY NOTIFICATION
CENTER OF COLORADO

SHEET NUMBER	DRAWN BY: JF	CHECKED BY: JJ	DATE: AUGUST 2017	SCALE:	AS SHOWN	FILE NO:	8130283701	TRAILS AT CROWFOOT FILING 7 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	Init.	Appr.	Date

17