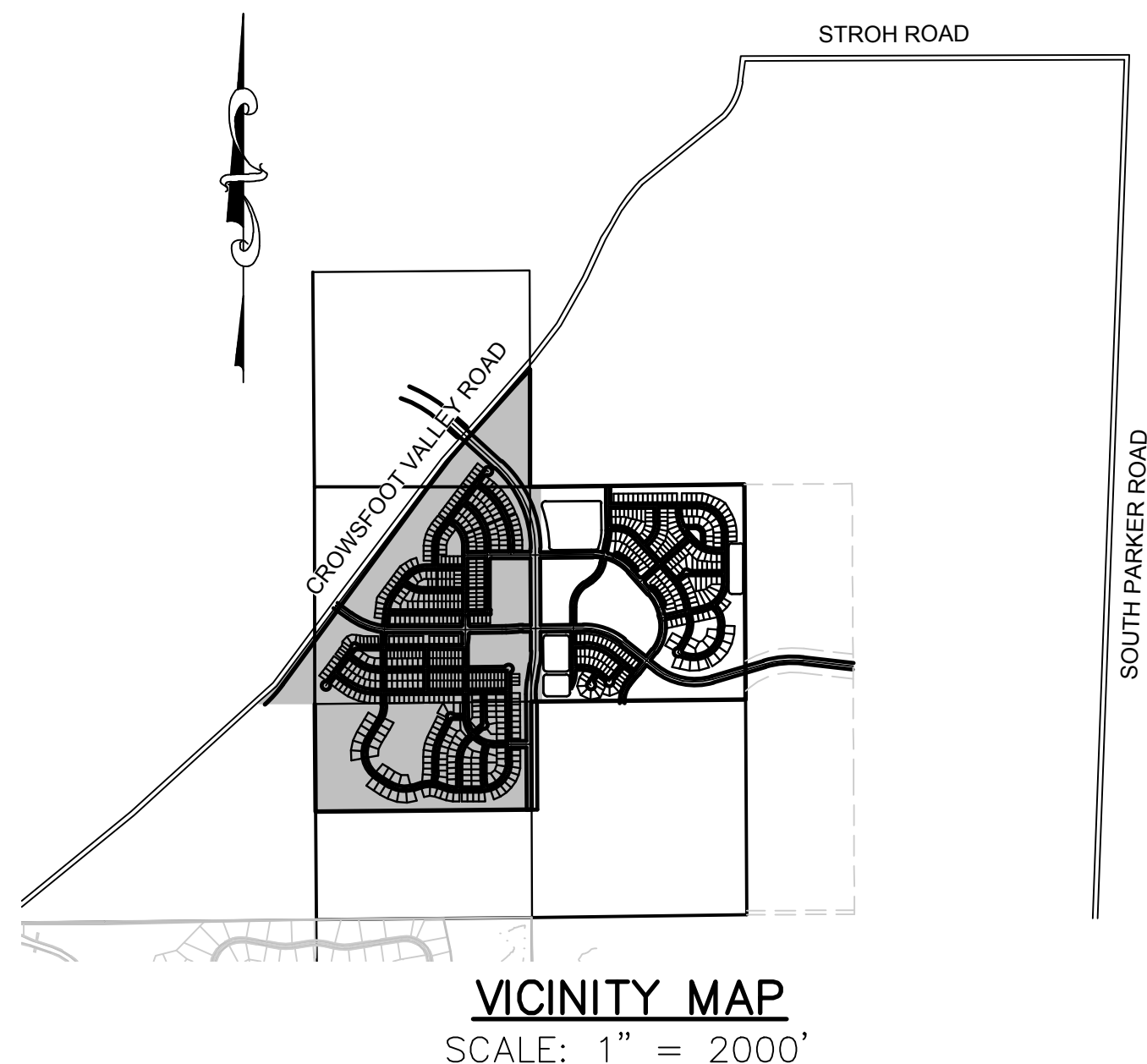


# TRAILS AT CROWFOOT FILING 3

## PARKER WATER AND SANITATION 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 WILD LUPINE ST
5	SANITARY P&P ROSE MALLOWS ST
6	SANITARY P&P ROSE MALLOWS ST
7	SANITARY P&P TREFOIL LN
8	SANITARY P&P RED COSMOS POINT
9	WATER P&P WILD LUPINE STREET
10	WATER P&P ROSE MALLOWS STREET
11	WATER P&P ROSE MALLOWS STREET
12	WATER P&P TREFOIL LANE
13	WATER P&P RED COSMOS POINT
14	SANITARY SEWER DETAILS
15	SANITARY SEWER DETAILS
16	SANITARY SEWER DETAILS
17	WATER DETAILS
18	WATER DETAILS
19	WATER DETAILS
20	WATER DETAILS
21	WATER DETAILS
22	WATER DETAILS



MATERIALS LIST		
DESCRIPTION	QUANTITY	UNIT
8" SEWER (PVC)	3,580	L.F.
4' DIA. MANHOLE	19	EA.
4" SEWER SERVICE	98	EA.
CONNECTION TO EXISTING MAIN	2	EA.
6" WATERPIPE (DIP)	100	L.F.
8" WATERPIPE (PVC)	3,588	L.F.
6" GATE VALVE	5	EA.
8" GATE VALVE	10	EA.
8" MISC. FITTINGS	22	EA.
8" CAP WITH BLOW OFF	1	EA.
2" BLOW OFF VALVE (8" LINE-LOW POINT)	1	EA.
FIRE HYDRANT WITH 6" LEAD	8	EA.
DEEP BURY FIRE HYDRANT WITH 6" LEAD	1	EA.
DOMESTIC WATER SERVICE W/ METER	98	EA.
CONNECTION TO EXISTING MAIN	5	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

HR 935 LLC  
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:**  
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.

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

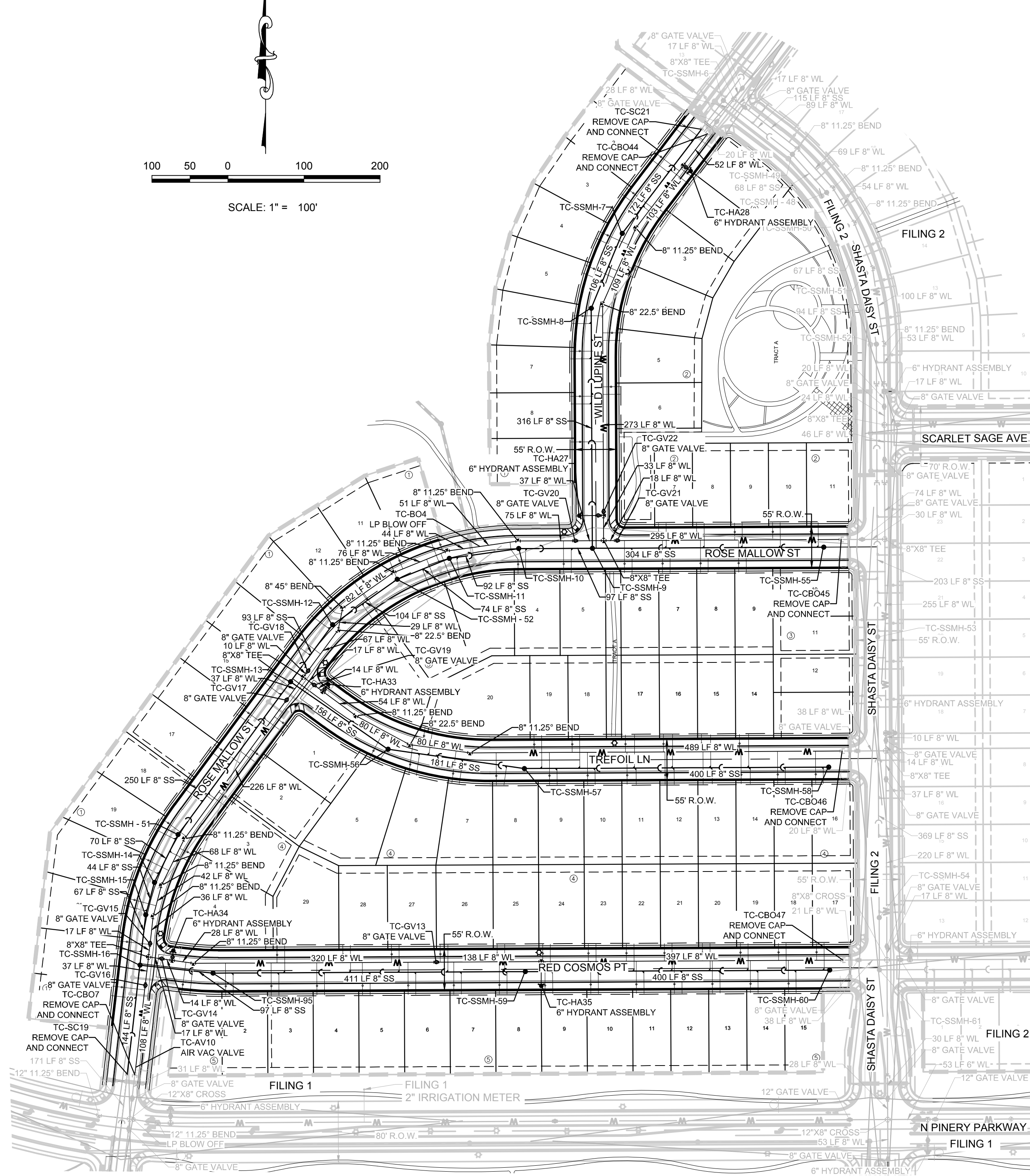
DATE	APPR.	
DATE	INIT.	
DATE		
NO.	REVISIONS	
10333 E. Dry Creek Rd. Suite 240 Englewood, Colorado 80112 Tel: (720) 482-9526 Fax: (720) 482-9546		
HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112		
TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS COVER SHEET		
SCALE:	AS SHOWN	FILE NO:
DRAWN BY:	KJD	8130283701
CHECKED BY:	JU	
DATE:	APRIL 2017	
SHEET NUMBER	1	

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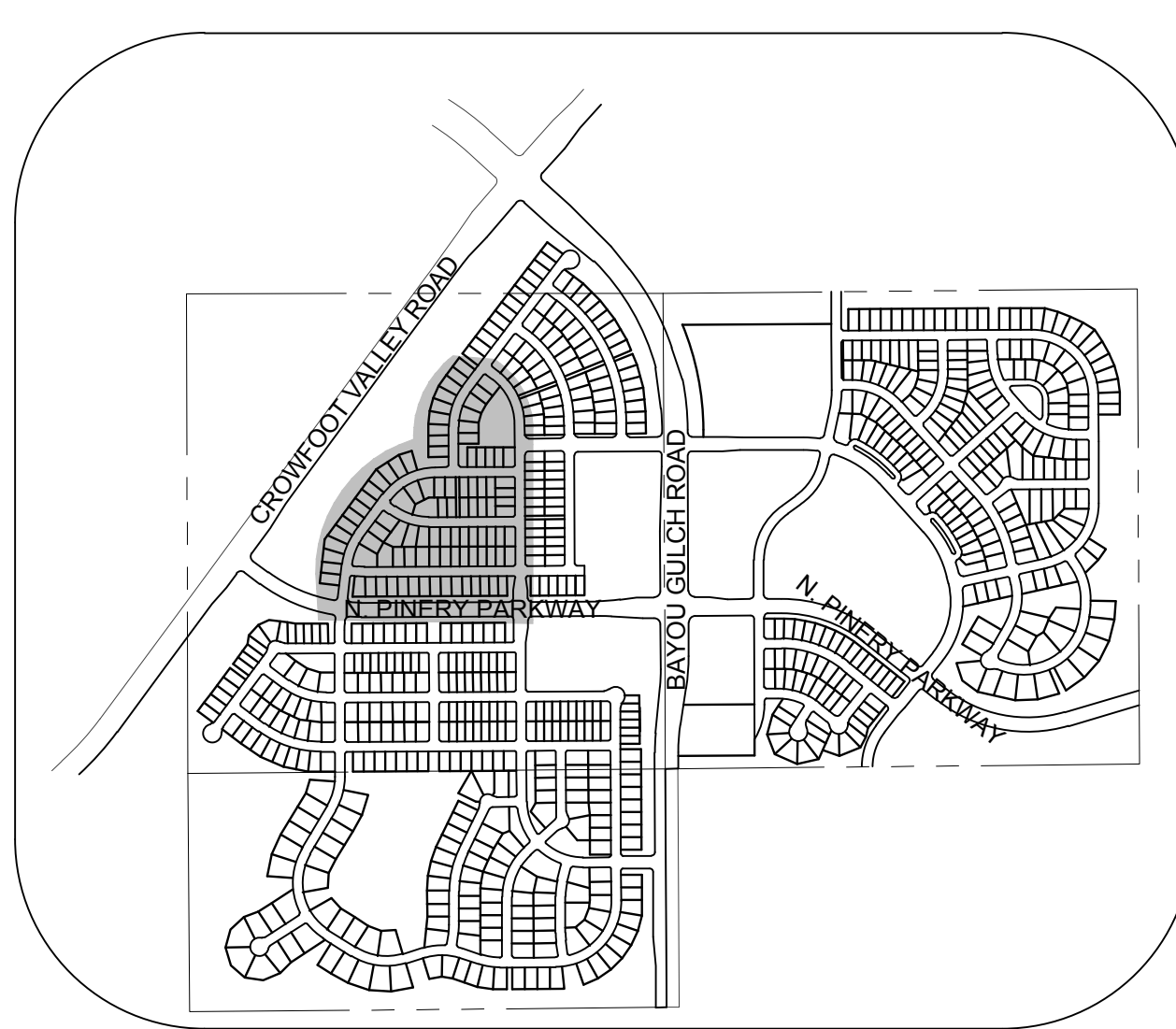


SERVICE TABLE			
FILING, BLOCK, LOT	STREET	SANITARY STATIONING	WATER STATIONING
F3.B1.L1	WILD LUPINE ST	15+70.06	15+80.06
F3.B1.L2	WILD LUPINE ST	15+18.83	15+28.83
F3.B1.L3	WILD LUPINE ST	14+58.79	14+68.63
F3.B1.L4	WILD LUPINE ST	13+98.17	14+08.93
F3.B1.L5	WILD LUPINE ST	13+51.43	13+59.94
F3.B1.L6	WILD LUPINE ST	12+94.78	13+06.82
F3.B1.L7	WILD LUPINE ST	12+49.35	12+59.60
F3.B1.L8	WILD LUPINE ST	11+89.97	11+99.97
F3.B1.L9	WILD LUPINE ST	11+29.97	11+39.97
F3.B1.L10	ROSE MALLOW ST	19+01.60	19+10.66
F3.B1.L11	ROSE MALLOW ST	18+41.89	18+54.48
F3.B1.L12	ROSE MALLOW ST	17+93.56	18+03.51
F3.B1.L13	ROSE MALLOW ST	17+31.25	17+56.20
F3.B1.L14	ROSE MALLOW ST	16+88.64	16+98.21
F3.B1.L15	ROSE MALLOW ST	16+23.96	16+39.32
F3.B1.L16	ROSE MALLOW ST	15+69.32	15+79.32
F3.B1.L17	ROSE MALLOW ST	15+09.32	15+19.32
F3.B1.L18	ROSE MALLOW ST	14+49.32	14+59.32
F3.B1.L19	ROSE MALLOW ST	13+88.66	13+99.44
F3.B1.L20	ROSE MALLOW ST	13+38.19	13+47.61
F3.B1.L21	ROSE MALLOW ST	12+87.01	12+96.94
F3.B1.L22	ROSE MALLOW ST	12+33.24	12+43.97
F3.B1.L23	ROSE MALLOW ST	11+71.35	11+83.97
F3.B2.L1	WILD LUPINE ST	15+78.23	16+04.56
F3.B2.L2	WILD LUPINE ST	15+22.70	15+32.70
F3.B2.L3	WILD LUPINE ST	14+62.70	14+72.66
F3.B2.L4	WILD LUPINE ST	13+71.15	13+81.54
F3.B2.L5	WILD LUPINE ST	12+72.87	12+84.07
F3.B2.L6	WILD LUPINE ST	12+02.30	12+12.30
F3.B2.L7	ROSE MALLOW ST	22+02.33	21+92.33
F3.B2.L8	ROSE MALLOW ST	22+52.33	22+42.33
F3.B2.L9	ROSE MALLOW ST	23+02.33	22+92.33
F3.B2.L10	ROSE MALLOW ST	23+52.33	23+42.33
F3.B2.L11	ROSE MALLOW ST	24+02.33	23+92.33
F3.B3.L1	ROSE MALLOW ST	17+85.16	17+95.48
F3.B3.L2	ROSE MALLOW ST	18+77.76	18+87.56
F3.B3.L3	ROSE MALLOW ST	19+25.60	19+07.04
F3.B3.L4	ROSE MALLOW ST	20+17.31	19+97.14
F3.B3.L5	ROSE MALLOW ST	20+77.31	20+67.31
F3.B3.L6	ROSE MALLOW ST	21+57.31	21+47.31
F3.B3.L7	ROSE MALLOW ST	22+07.31	21+97.31
F3.B3.L8	ROSE MALLOW ST	22+57.31	22+47.31
F3.B3.L9	ROSE MALLOW ST	23+07.31	22+97.31
F3.B3.L14	TREFOIL LN	16+27.13	16+15.13
F3.B3.L15	TREFOIL LN	15+77.13	15+65.13
F3.B3.L16	TREFOIL LN	15+27.13	15+15.13
F3.B3.L17	TREFOIL LN	14+77.13	14+65.13
F3.B3.L18	TREFOIL LN	14+05.13	13+95.13
F3.B3.L19	TREFOIL LN	13+55.13	13+45.13
F3.B3.L20	TREFOIL LN	12+06.42	11+95.37

SERVICE TABLE			
FILING, BLOCK, LOT	STREET	SANITARY STATIONING	WATER STATIONING
F3.B4.L1	ROSE MALLOW ST	15+85.88	15+95.88
F3.B4.L2	ROSE MALLOW ST	15+32.71	15+42.71
F3.B4.L3	ROSE MALLOW ST	14+62.71	14+72.71
F3.B4.L4	ROSE MALLOW ST	13+70.79	13+81.23
F3.B4.L5	TREFOIL LN	11+52.91	11+39.68
F3.B4.L6	TREFOIL LN	11+94.06	11+82.47
F3.B4.L7	TREFOIL LN	12+51.31	12+41.14
F3.B4.L8	TREFOIL LN	13+08.86	12+95.13
F3.B4.L9	TREFOIL LN	13+75.13	13+65.13
F3.B4.L10	TREFOIL LN	14+25.13	14+15.13
F3.B4.L11	TREFOIL LN	14+79.13	14+67.13
F3.B4.L12	TREFOIL LN	15+29.13	15+17.13
F3.B4.L13	TREFOIL LN	15+79.13	15+67.13
F3.B4.L14	TREFOIL LN	16+29.13	16+17.13
F3.B4.L15	TREFOIL LN	16+75.13	16+65.13
F3.B4.L16	TREFOIL LN	17+25.13	17+15.13
F3.B4.L17	RED COSMOS PT	19+00.06	18+90.06
F3.B4.L18	RED COSMOS PT	18+50.06	18+40.06
F3.B4.L19	RED COSMOS PT	18+00.06	17+90.06
F3.B4.L20	RED COSMOS PT	17+50.06	17+40.06
F3.B4.L21	RED COSMOS PT	17+00.06	16+90.06
F3.B4.L22	RED COSMOS PT	16+50.06	16+40.06
F3.B4.L23	RED COSMOS PT	16+00.06	15+90.06
F3.B4.L24	RED COSMOS PT	15+40.06	15+30.06
F3.B4.L25	RED COSMOS PT	14+80.06	14+70.06
F3.B4.L26	RED COSMOS PT	14+05.27	13+95.27
F3.B4.L27	RED COSMOS PT	13+41.27	13+31.27
F3.B4.L28	RED COSMOS PT	12+77.27	12+67.27
F3.B4.L29	RED COSMOS PT	11+90.68	11+80.68
F3.B5.L1	RED COSMOS PT	10+69.41	10+59.71
F3.B5.L2	RED COSMOS PT	11+22.91	11+12.91
F3.B5.L3	RED COSMOS PT	11+82.91	11+72.91
F3.B5.L4	RED COSMOS PT	12+42.91	12+32.91
F3.B5.L5	RED COSMOS PT	13+02.91	12+92.91
F3.B5.L6	RED COSMOS PT	13+62.91	13+52.91
F3.B5.L7	RED COSMOS PT	14+22.91	14+12.91
F3.B5.L8	RED COSMOS PT	14+82.91	14+72.91
F3.B5.L9	RED COSMOS PT	15+42.91	15+32.91
F3.B5.L10	RED COSMOS PT	16+02.91	15+92.91
F3.B5.L12	RED COSMOS PT	17+12.91	17+02.91
F3.B5.L13	RED COSMOS PT	17+62.91	17+52.91
F3.B5.L14	RED COSMOS PT	18+12.91	18+02.91
F3.B5.L15	RED COSMOS PT	18+62.91	18+52.91



NOTES:  
1. ALL WATER LINE IS IN PWSZ ZONE 2.



**KEYMAP**  
N.T.S.  
**LEGEND**

②	BLOCK NUMBER	△	PROPOSED RANGE POINT
(A)	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 SSMH	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
⊕	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⊕	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊕	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
⊕	PROPOSED SIDEWALK RAMP	---	PROPOSED WATER LATERAL W/ METER
10.00	EXISTING ELEVATION	---	SECTION LINE
10.00	PROPOSED DESIGN ELEVATION	---	FILING BOUNDARY
⊕	PROPOSED STORM DRAIN INLET	---	EXISTING FIBER OPTIC LINE
⊕	PROPOSED STORM DRAIN MANHOLE	---	EXISTING OVERHEAD POWER
		---	EXISTING TELEPHONE LINE

**ABBREVIATIONS**

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

UNCC  
UTILITY NOTIFICATION CENTER OF COLORADO

CALL 811  
TWO WORKING DAYS  
BEFORE YOU DIG  
1-800-922-1987

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES. SUBJECT TO THESE PLANS BEING STAMPED, SIGN, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER.

TOWN OF PARKER, DIRECTOR OF ENGINEERING \_\_\_\_\_ DATE \_\_\_\_\_

**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.)

**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

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 SCHEDULED 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: \_\_\_\_\_ DATE \_\_\_\_\_  
(DISTRICT REPRESENTATIVE)

APPROVED FOR CONSTRUCTION:  
PARKER WATER AND SANITATION DISTRICT

BY: \_\_\_\_\_ DATE \_\_\_\_\_  
(DISTRICT ENGINEER)

10338 E. Dry Creek Rd.  
Suite 410  
Englewood, Colorado 80150  
Tel: (720) 482-9526  
Fax: (720) 482-9548

**CVL CONSULTANTS**

HR 935 LLC  
7353 South Alton Way  
CENTENNIAL, CO 80112

SCALE: AS SHOWN  
FILE NO: 81-30283701

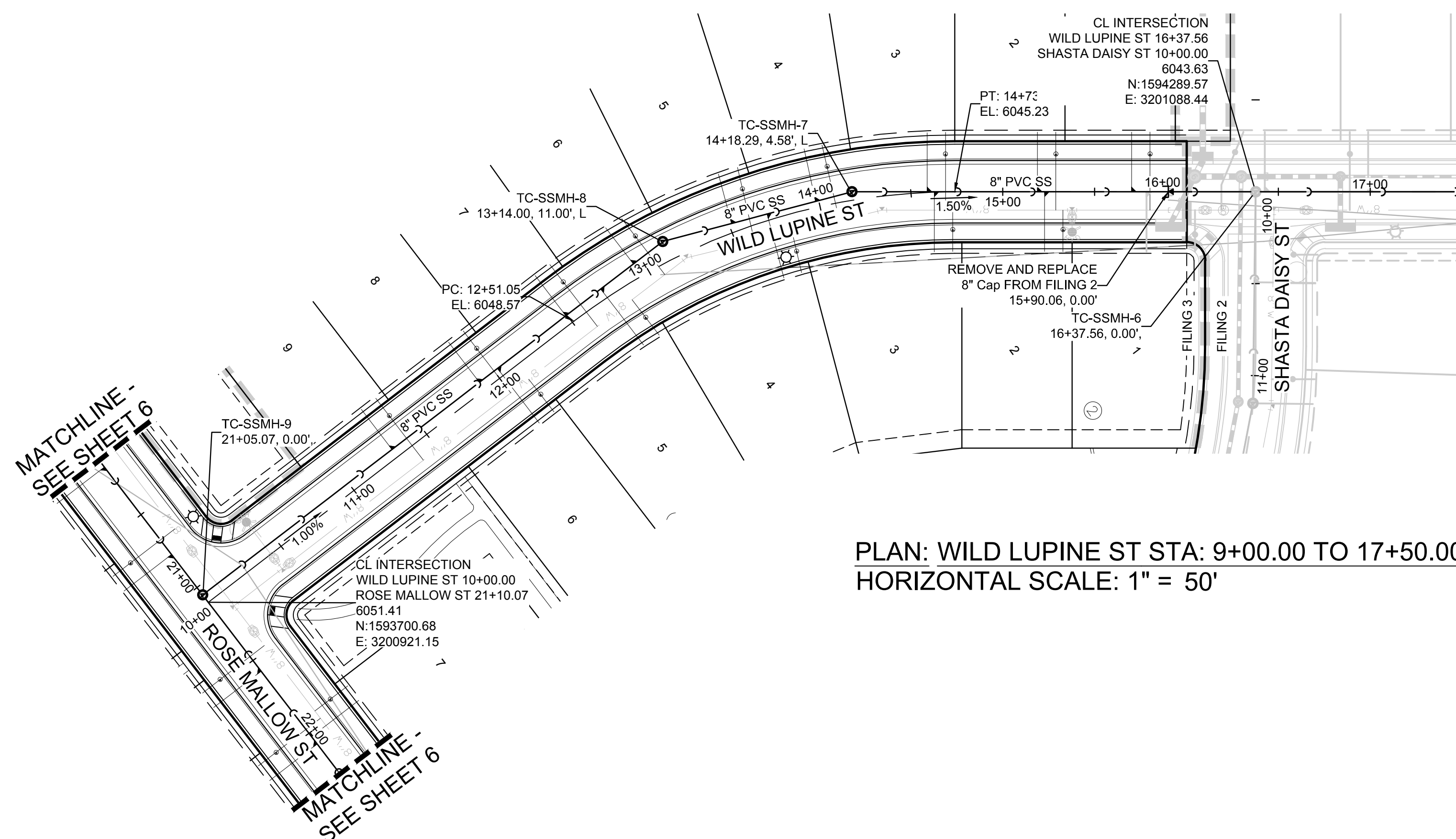
DRAWN BY: JLR  
CHECKED BY: JJJ  
DATE: APRIL 2017

SHEET NUMBER 3

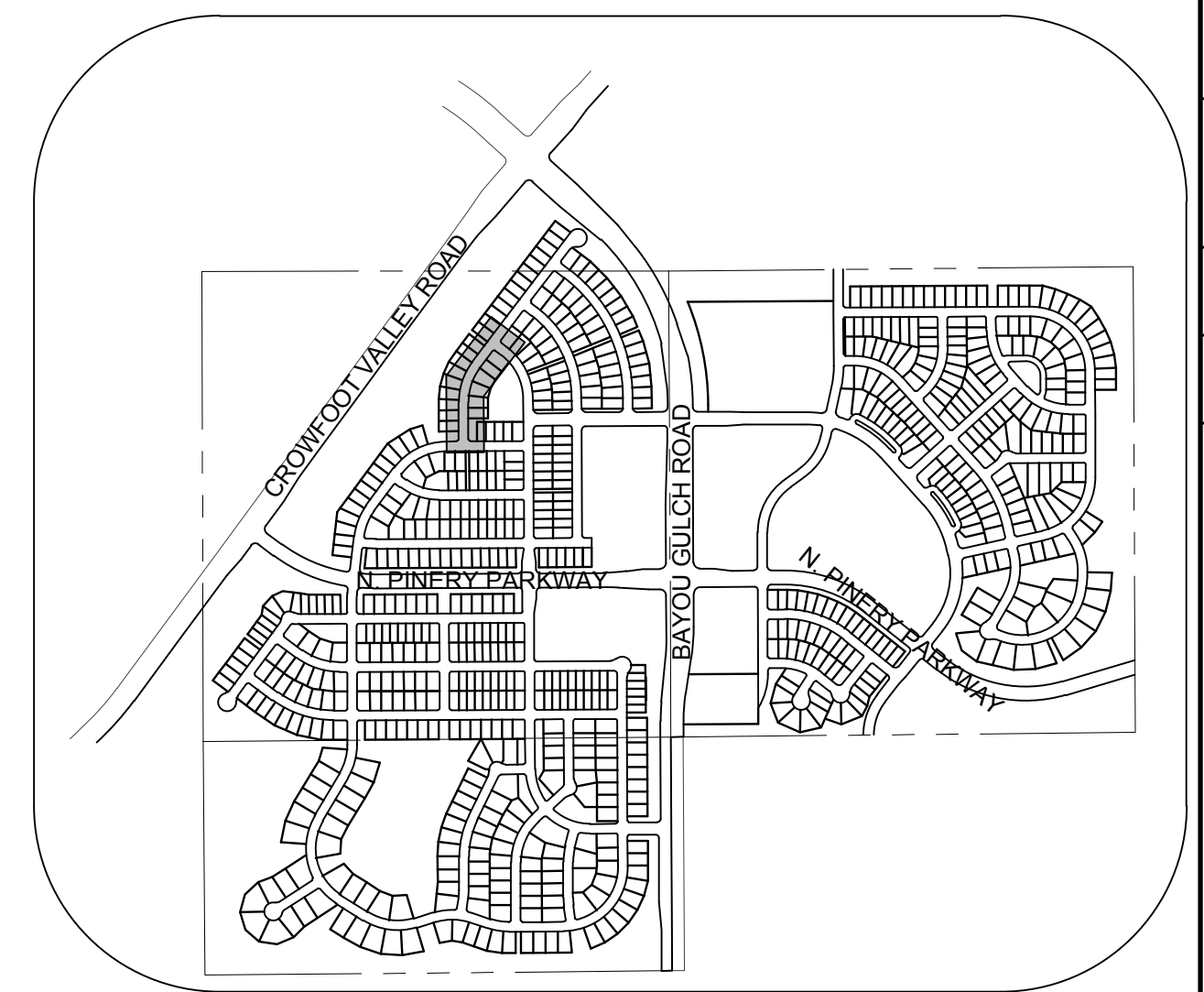
TRAILS AT CROWFOOT  
FILING 3 CONSTRUCTION DRAWINGS  
AREA UTILITY PLAN

Revisions

No.	Date	Init.	Appr.	Date



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

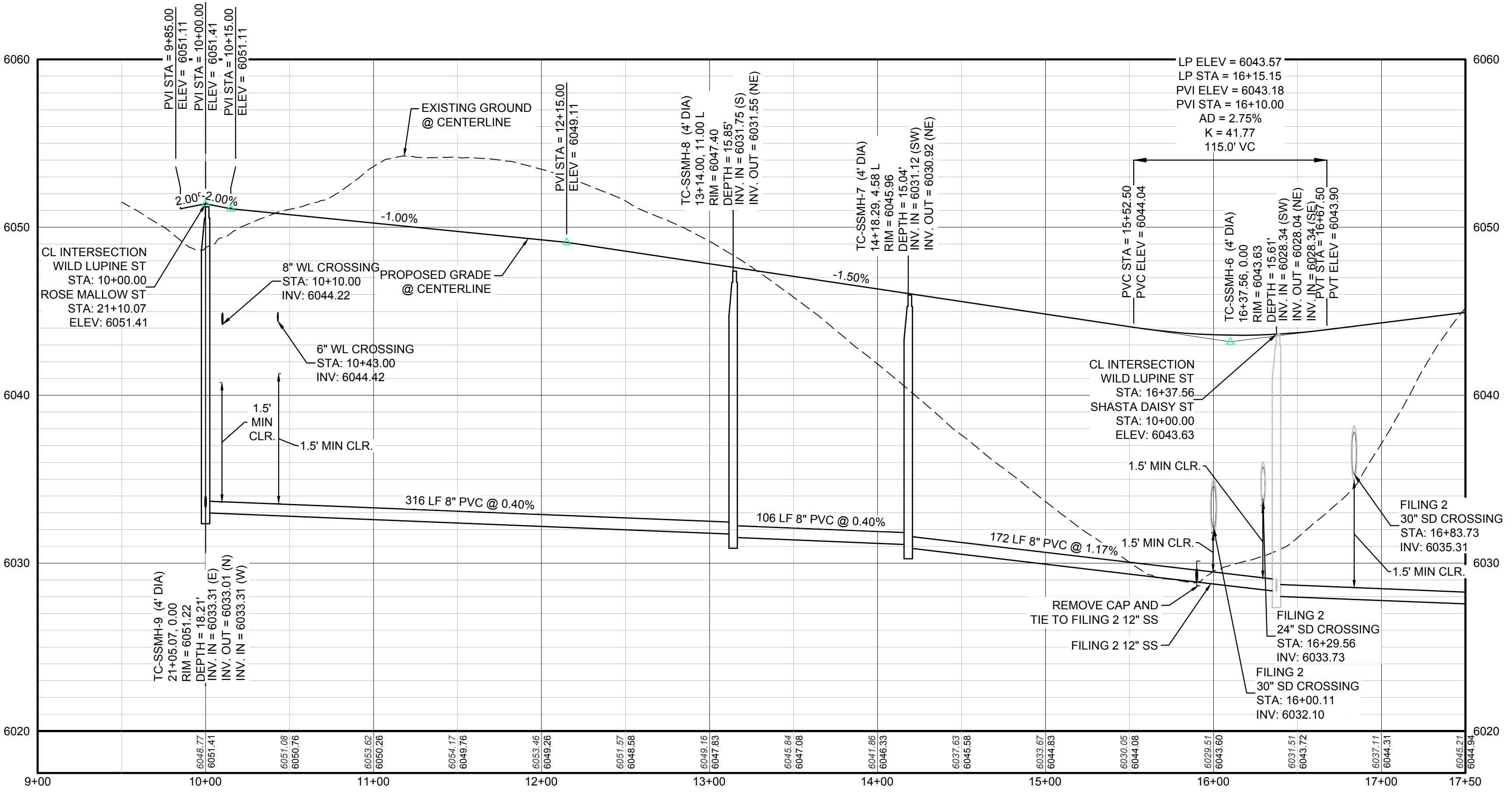


KEYMAP  
N.T.S.

SANITARY SERVICE TABLE		
FILING, BLOCK, LOT	STREET	STATIONING
F3,B1,L1	WILD LUPINE ST	15+70.06
F3,B1,L2	WILD LUPINE ST	15+18.83
F3,B1,L3	WILD LUPINE ST	14+58.79
F3,B1,L4	WILD LUPINE ST	13+98.17
F3,B1,L5	WILD LUPINE ST	13+51.43
F3,B1,L6	WILD LUPINE ST	12+94.78
F3,B1,L7	WILD LUPINE ST	12+49.35
F3,B1,L8	WILD LUPINE ST	11+89.97
F3,B1,L9	WILD LUPINE ST	11+29.97
F3,B2,L1	WILD LUPINE ST	15+78.23
F3,B2,L2	WILD LUPINE ST	15+22.70
F3,B2,L3	WILD LUPINE ST	14+62.70
F3,B2,L4	WILD LUPINE ST	13+71.15
F3,B2,L5	WILD LUPINE ST	12+72.87
F3,B2,L6	WILD LUPINE ST	12+02.30

**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
⊕	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⊕	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊕	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
⊕	PROPOSED SIDEWALK	---	PROPOSED WATER LATERAL W/ METER
⊕	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 POWER
⊕	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE



PROFILE: WILD LUPINE ST STA: 9+00.00 TO 17+50.00  
HORIZONTAL: 1" = 50'  
VERTICAL: 1" = 5'

**ABBREVIATIONS**

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

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

**CVL CONSULTANTS**

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7353 South Alton Way  
CENTENNIAL, CO 80112

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

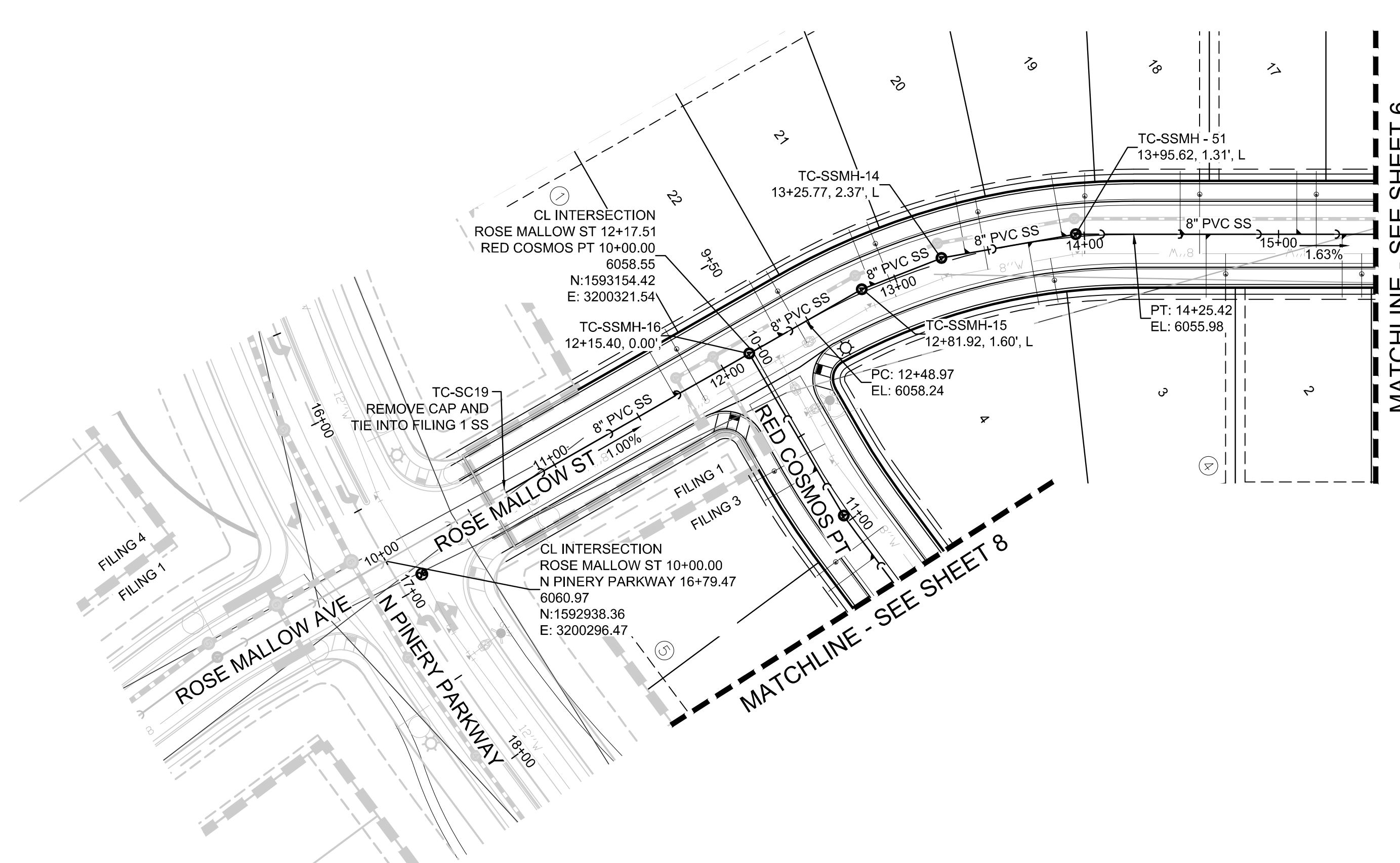
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DATE:	APRIL 2017			
SCALE:	AS SHOWN			
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Revisions	No.	Date	Appr.	Date

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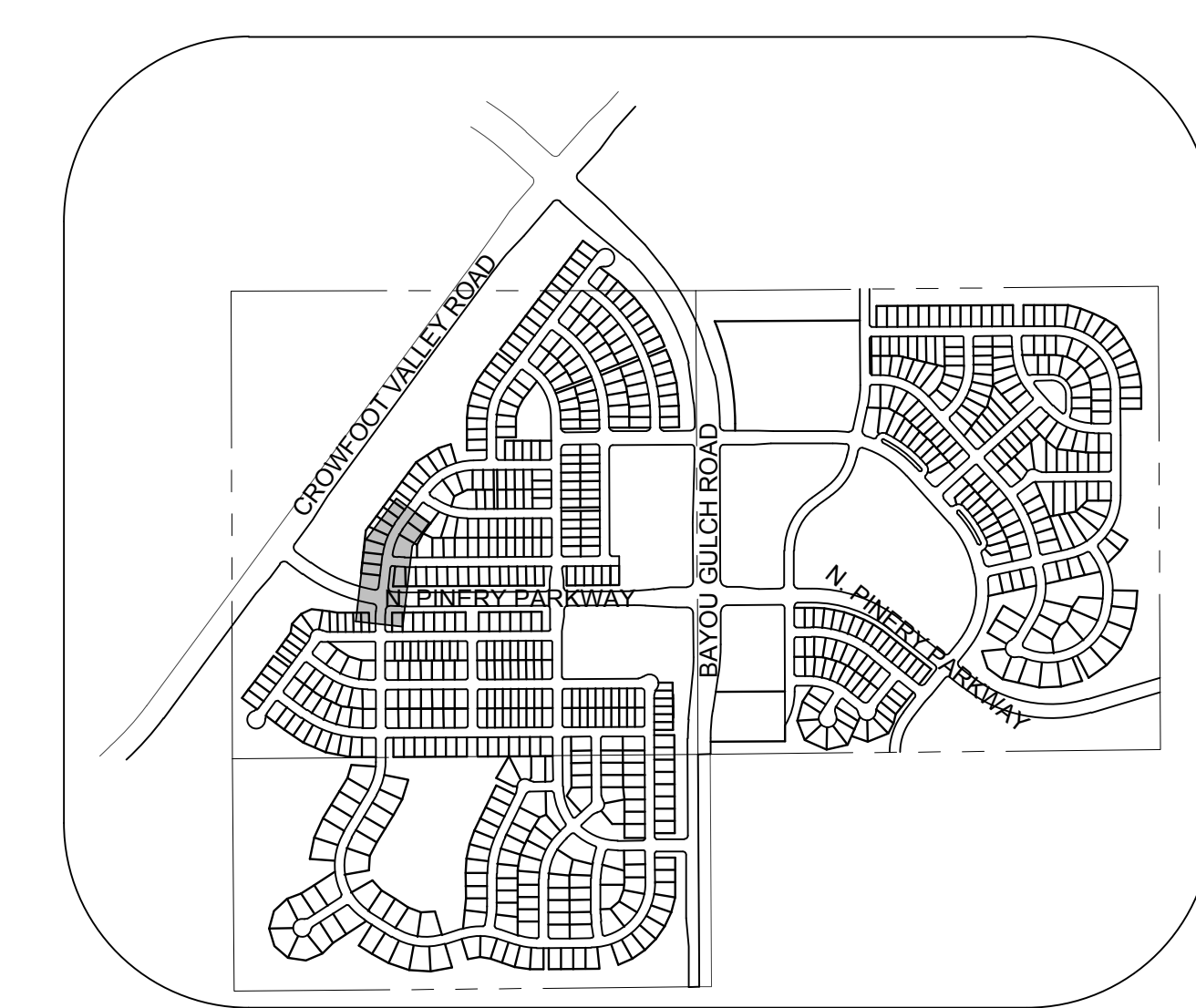
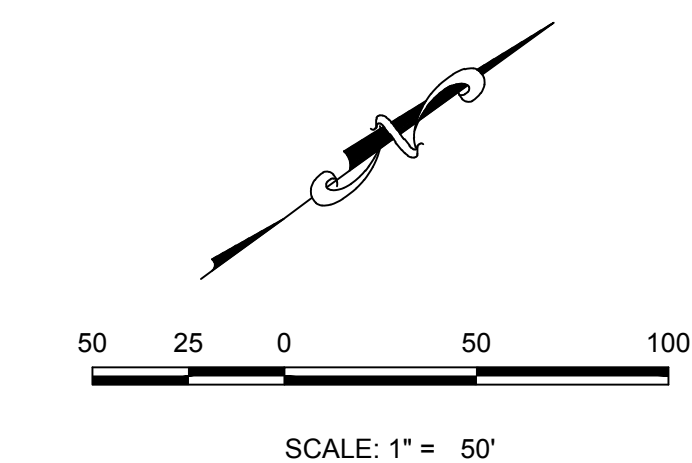
**BENCHMARK**  
THE DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

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



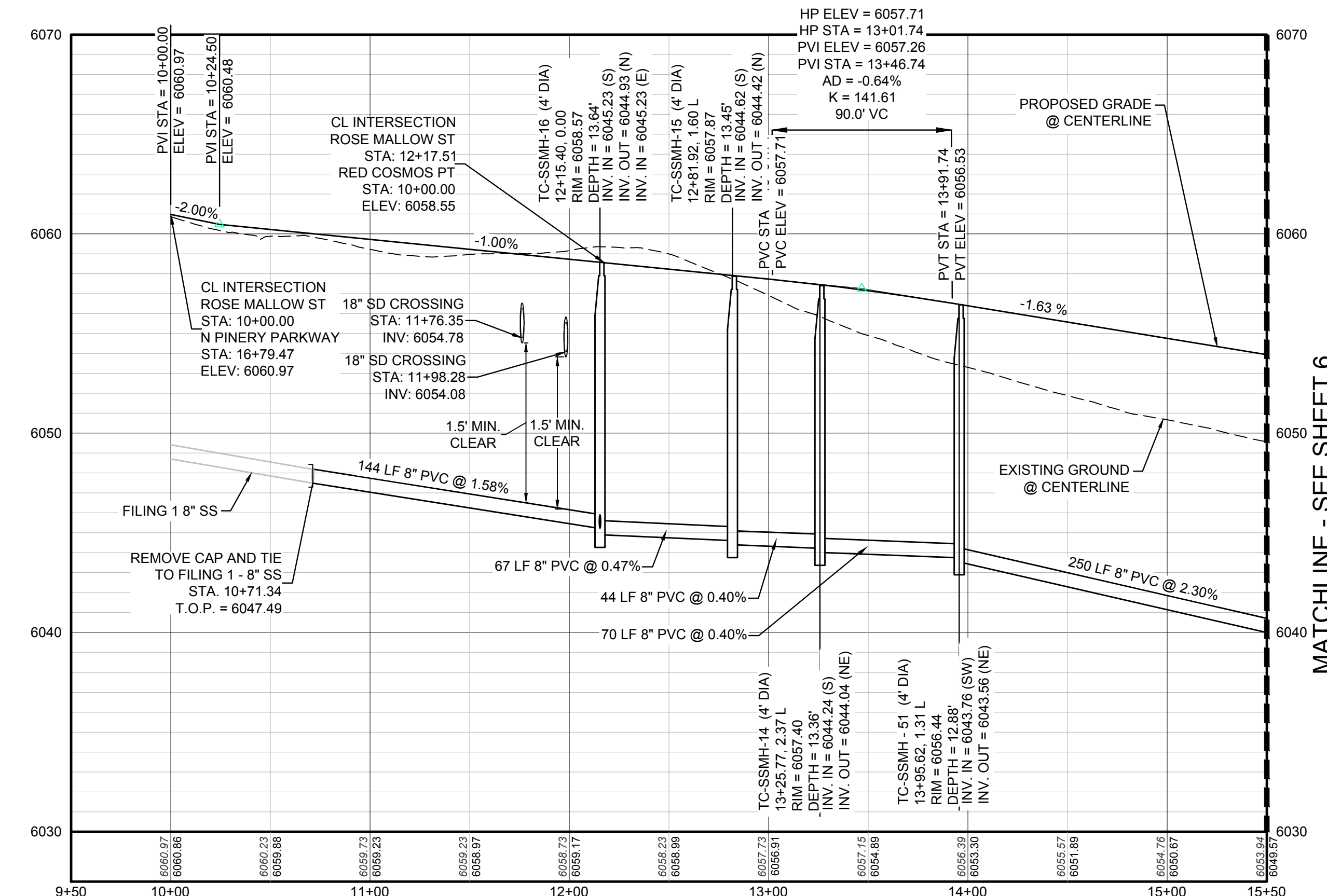
PLAN: ROSE MALLOW ST STA: 9+50.00 TO 15+50.00  
HORIZONTAL SCALE: 1" = 50'



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
⊗	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
Ⓜ	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊗	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
⊗	PROPOSED SIDEWALK	---	PROPOSED WATER LATERAL W/ METER
⊗	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 POWER
Ⓜ	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE

SANITARY SERVICE TABLE		
FILING, BLOCK, LOT	STREET	STATIONING
F3,B1,L17	ROSE MALLOW ST	15+09.32
F3,B1,L18	ROSE MALLOW ST	14+49.32
F3,B1,L19	ROSE MALLOW ST	13+88.66
F3,B1,L20	ROSE MALLOW ST	13+38.19
F3,B1,L21	ROSE MALLOW ST	12+87.01
F3,B1,L22	ROSE MALLOW ST	12+33.24
F3,B1,L23	ROSE MALLOW ST	11+71.35
F3,B4,L2	ROSE MALLOW ST	15+32.71
F3,B4,L3	ROSE MALLOW ST	14+62.71
F3,B4,L4	ROSE MALLOW ST	13+70.79



PROFILE: ROSE MALLOW ST STA: 9+50.00 TO 15+50.00  
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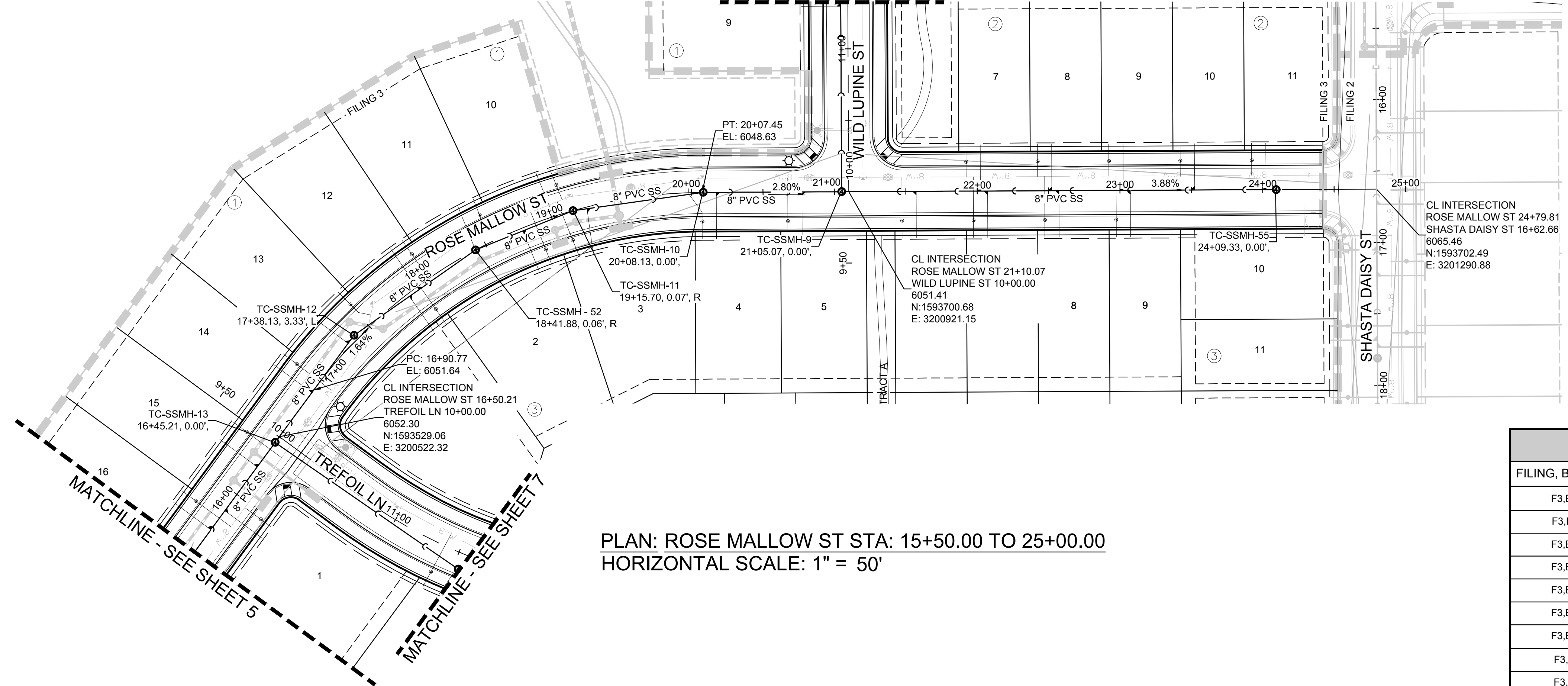
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COLORADO P.E. 0050067

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<b>CVL</b> CONSULTANTS	<b>CVL</b> CONSULTANTS
HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112	HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112
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Date	Date
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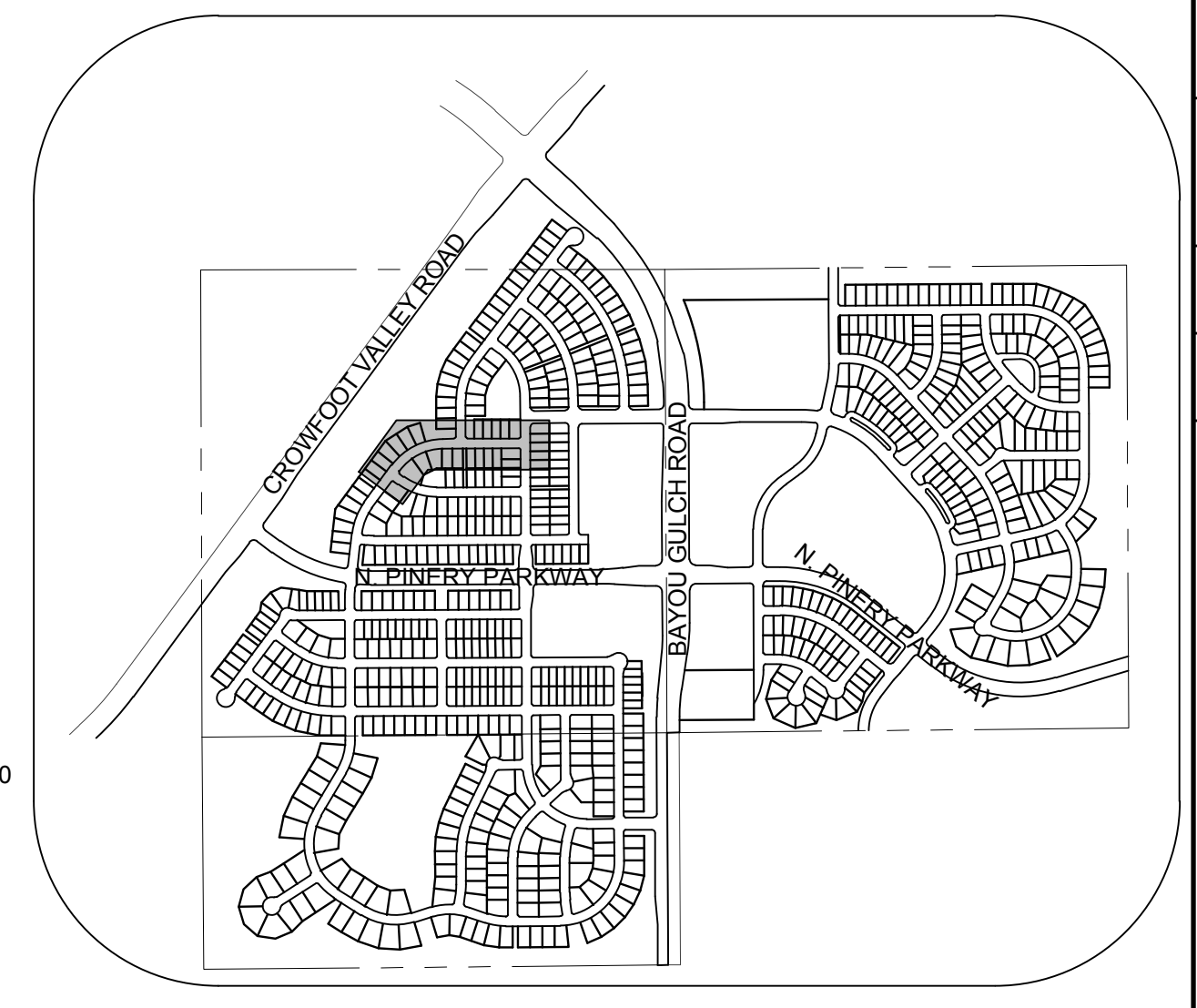
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UTILITY NOTIFICATION CENTER OF COLORADO

MATCHLINE - SEE SHEET 4



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



KEYMAP  
N.T.S.  
LEGEND

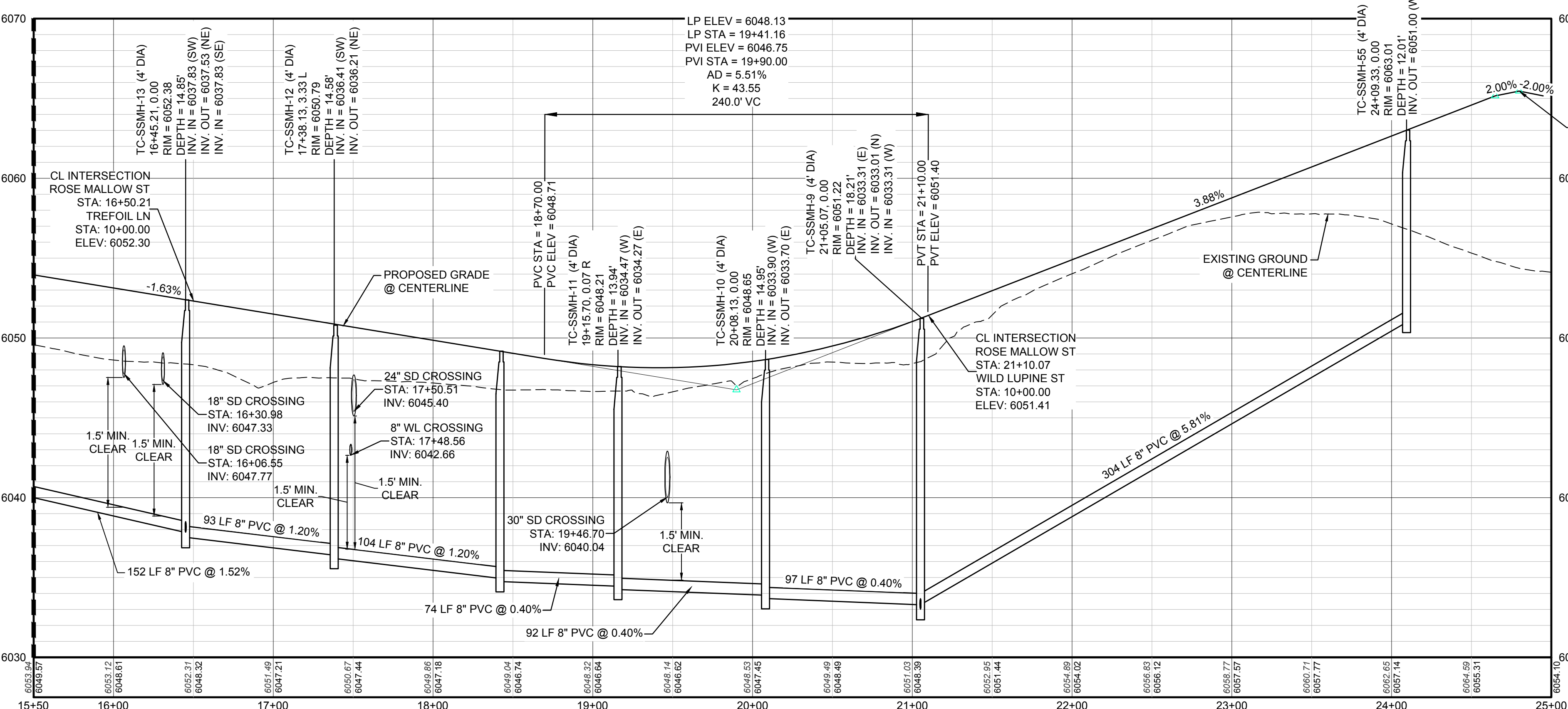
FILING, BLOCK, LOT	STREET	STATIONING
F3,B1,L10	ROSE MALLOW ST	19+01.60
F3,B1,L11	ROSE MALLOW ST	18+41.89
F3,B1,L12	ROSE MALLOW ST	17+93.56
F3,B1,L13	ROSE MALLOW ST	17+31.25
F3,B1,L14	ROSE MALLOW ST	16+88.64
F3,B1,L15	ROSE MALLOW ST	16+23.96
F3,B1,L16	ROSE MALLOW ST	15+69.32
F3,B2,L7	ROSE MALLOW ST	22+02.33
F3,B2,L8	ROSE MALLOW ST	22+52.33
F3,B2,L9	ROSE MALLOW ST	23+02.33
F3,B2,L10	ROSE MALLOW ST	23+52.33
F3,B2,L11	ROSE MALLOW ST	24+02.33
F3,B3,L1	ROSE MALLOW ST	17+85.16
F3,B3,L2	ROSE MALLOW ST	18+77.76
F3,B3,L3	ROSE MALLOW ST	19+25.60
F3,B3,L4	ROSE MALLOW ST	20+17.31
F3,B3,L5	ROSE MALLOW ST	20+77.31
F3,B3,L6	ROSE MALLOW ST	21+57.31
F3,B3,L7	ROSE MALLOW ST	22+07.31
F3,B3,L8	ROSE MALLOW ST	22+57.31
F3,B3,L9	ROSE MALLOW ST	23+07.31
F3,B4,L1	ROSE MALLOW ST	15+85.88

**LEGEND**

- 2 BLOCK NUMBER
- 6 LOT NUMBER
- PROPOSED BUTTERFLY VALVE
- PROPOSED CAP WITH END OF LINE BLOWOFF
- PROPOSED REDUCER
- PROPOSED VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED WL FITTING WITH THRUST BLOCK
- PROPOSED FLARED END SECTION
- PROPOSED LOW POINT BLOW-OFF
- PROPOSED AIR VALVE
- FUTURE PHASE VALVE
- FUTURE FIRE HYDRANT
- PROPOSED LIGHT POLE
- PROPOSED SIDEWALK
- PROPOSED SIDEWALK RAMP
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- CENTERLINE
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- PROPERTY LINE
- EDGE OF PAVEMENT
- PROPOSED DIRECTION OF FLOW
- PROPOSED SLOPE & DIRECTION
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- PROPOSED 5' CONTOUR
- PROPOSED 1' CONTOUR
- PROPOSED STORM DRAIN
- PROPOSED SEWER LINE WITH MANHOLE
- PROPOSED SEWER LATERAL
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**ABBREVIATIONS**

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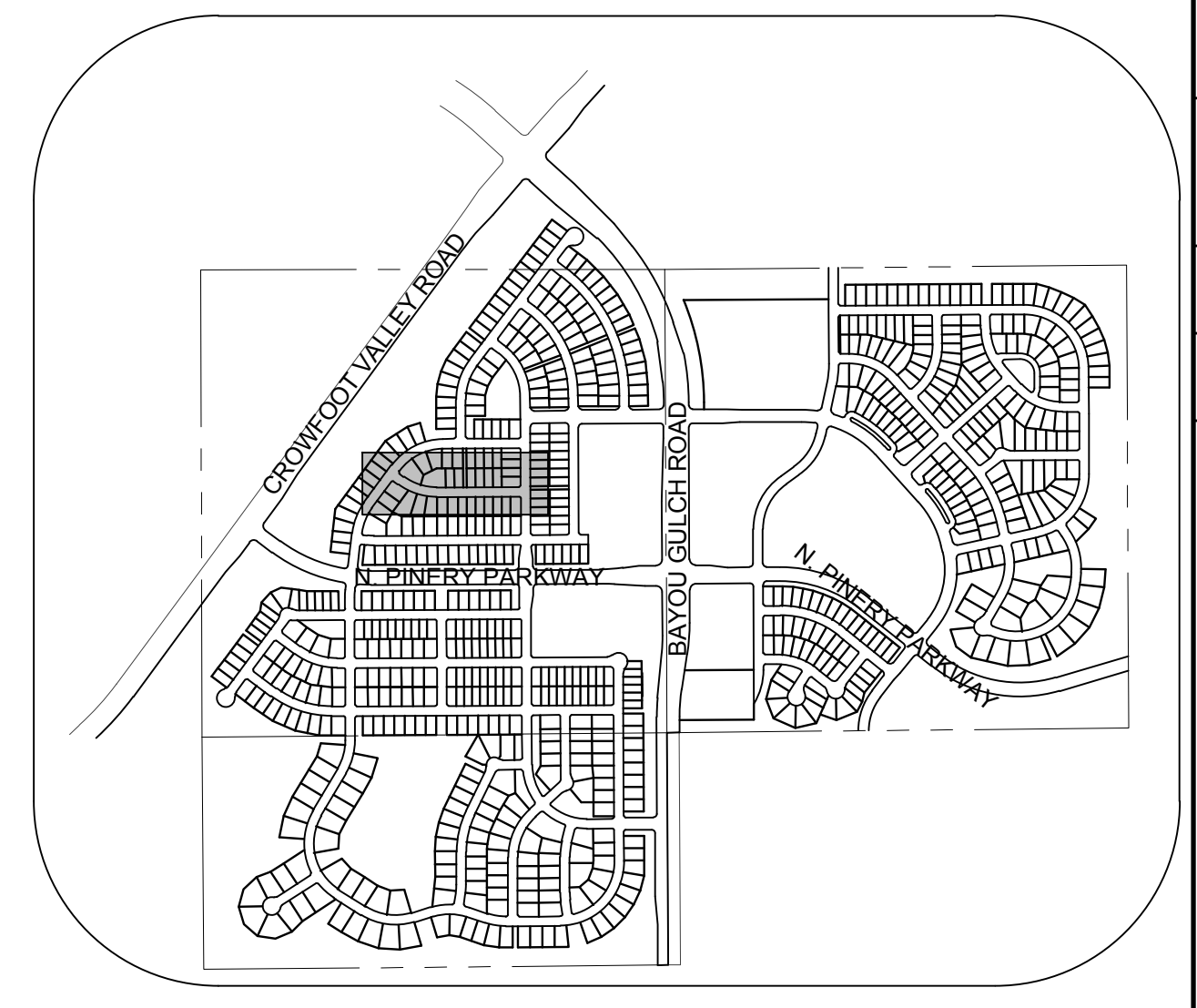
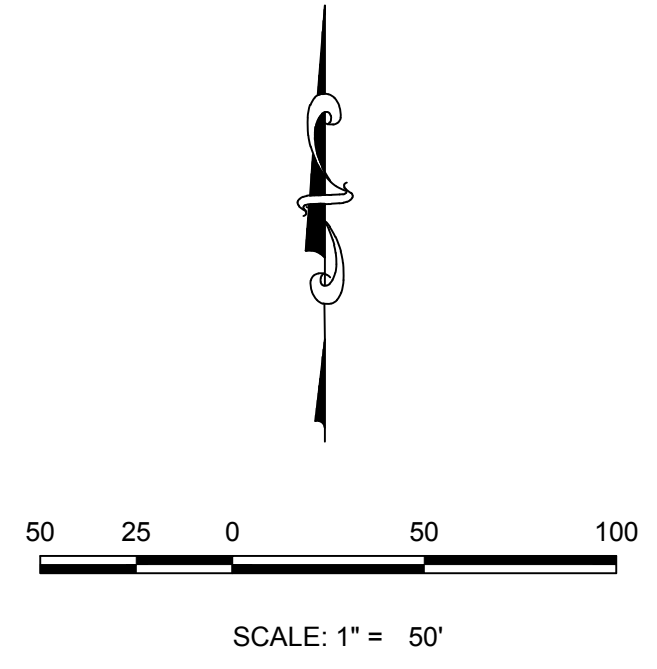
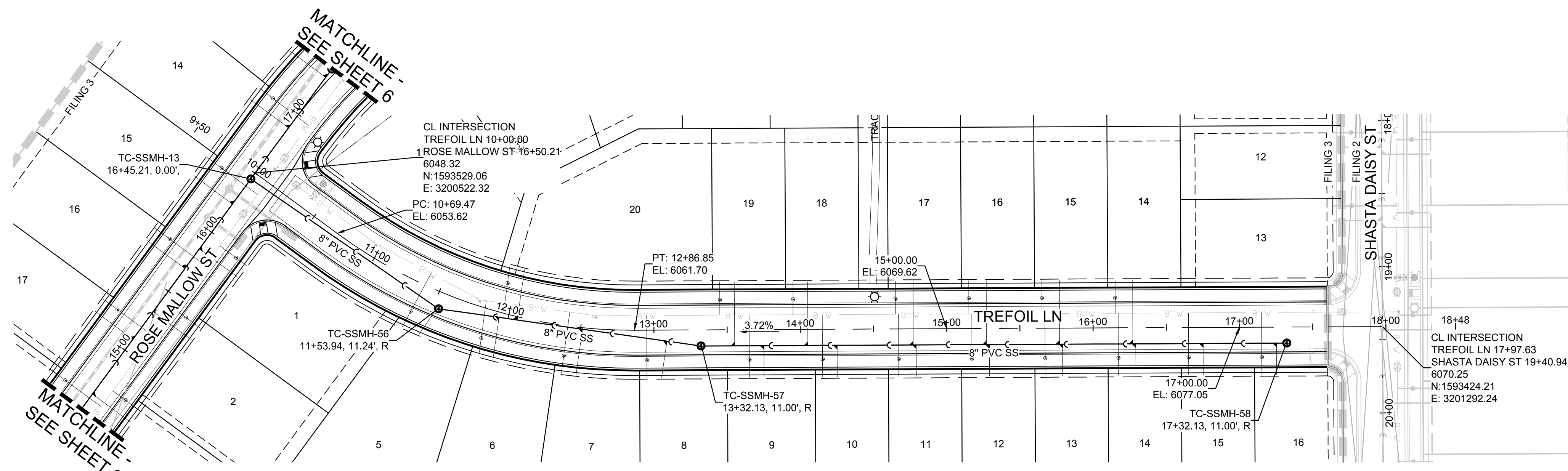
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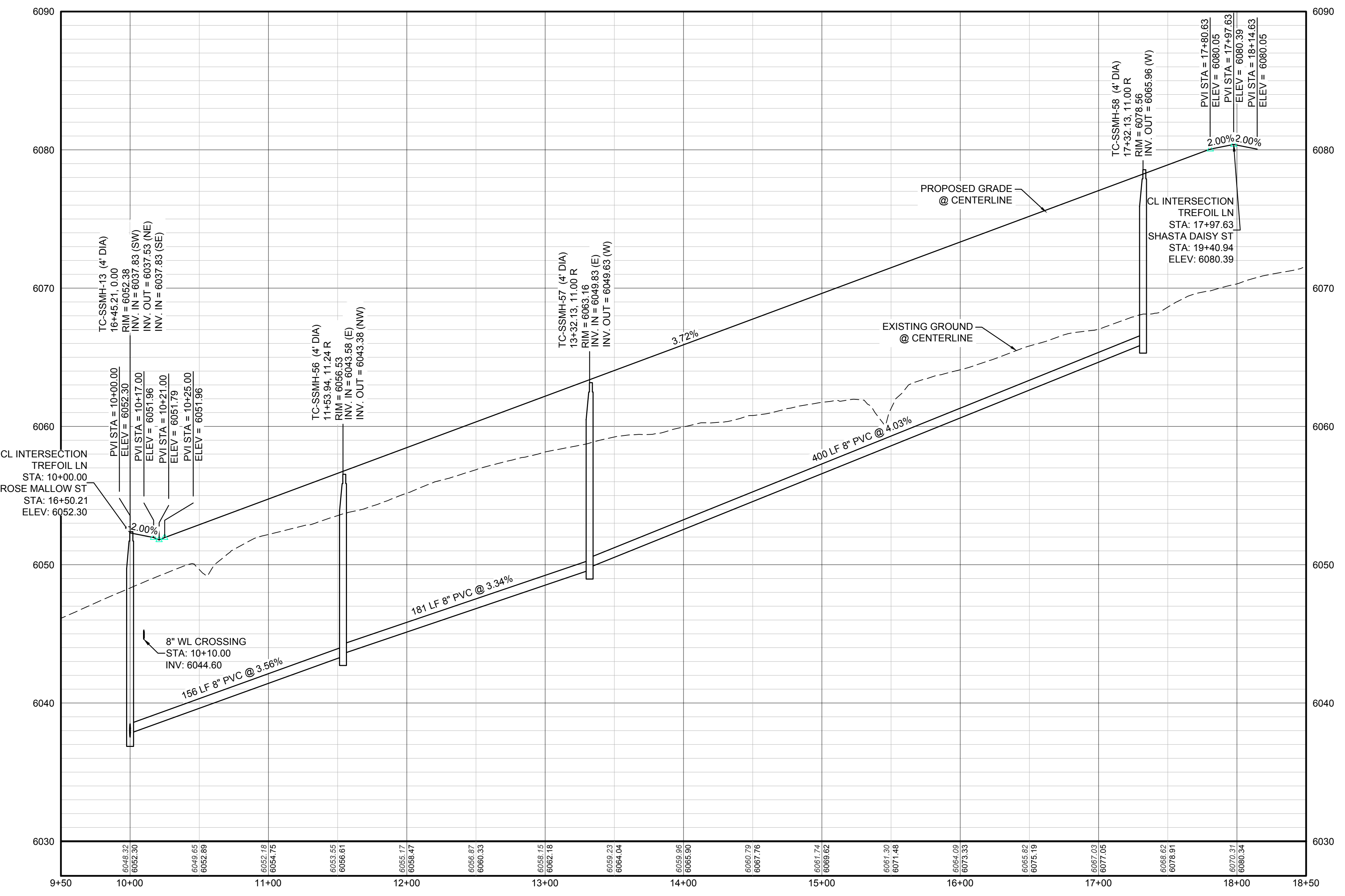
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 SANITARY SEWER PLAN AND PROFILE  
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**KEYMAP**  
N.T.S.

**PLAN: TREFOIL LN STA: 9+50.00 TO 18+50.00**  
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FILING, BLOCK, LOT	STREET	STATIONING
F3,B3,L14	TREFOIL LN	16+27.13
F3,B3,L15	TREFOIL LN	15+77.13
F3,B3,L16	TREFOIL LN	15+27.13
F3,B3,L17	TREFOIL LN	14+77.13
F3,B3,L18	TREFOIL LN	14+05.13
F3,B3,L19	TREFOIL LN	13+55.13
F3,B3,L20	TREFOIL LN	12+06.42
F3,B4,L5	TREFOIL LN	11+52.91
F3,B4,L6	TREFOIL LN	11+94.06
F3,B4,L7	TREFOIL LN	12+51.31
F3,B4,L8	TREFOIL LN	13+08.86
F3,B4,L9	TREFOIL LN	13+75.13
F3,B4,L10	TREFOIL LN	14+25.13
F3,B4,L11	TREFOIL LN	14+79.13
F3,B4,L12	TREFOIL LN	15+29.13
F3,B4,L13	TREFOIL LN	15+79.13
F3,B4,L14	TREFOIL LN	16+29.13
F3,B4,L15	TREFOIL LN	16+75.13
F3,B4,L16	TREFOIL LN	17+25.13

**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
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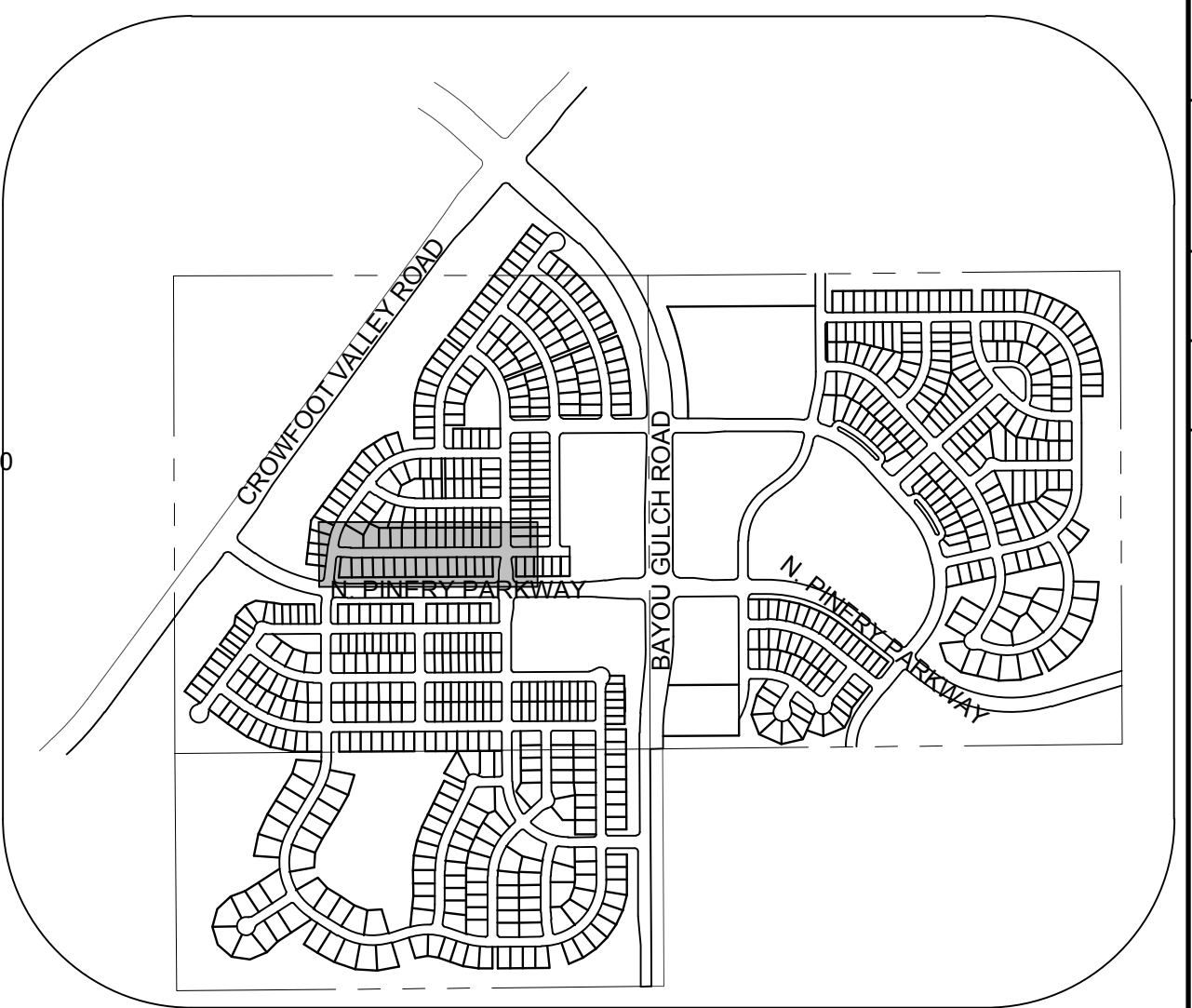
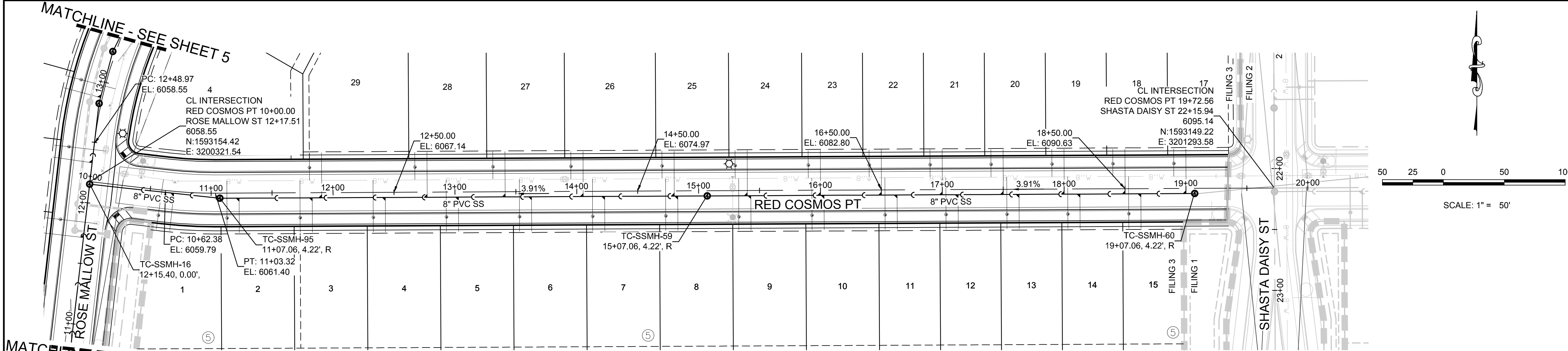
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				NO. REVISIONS	DATE
7	CHECKED BY: JJJ	FILE NO: 8130283701	APRIL 2017	NO.	REVISIONS
				NO.	REVISIONS

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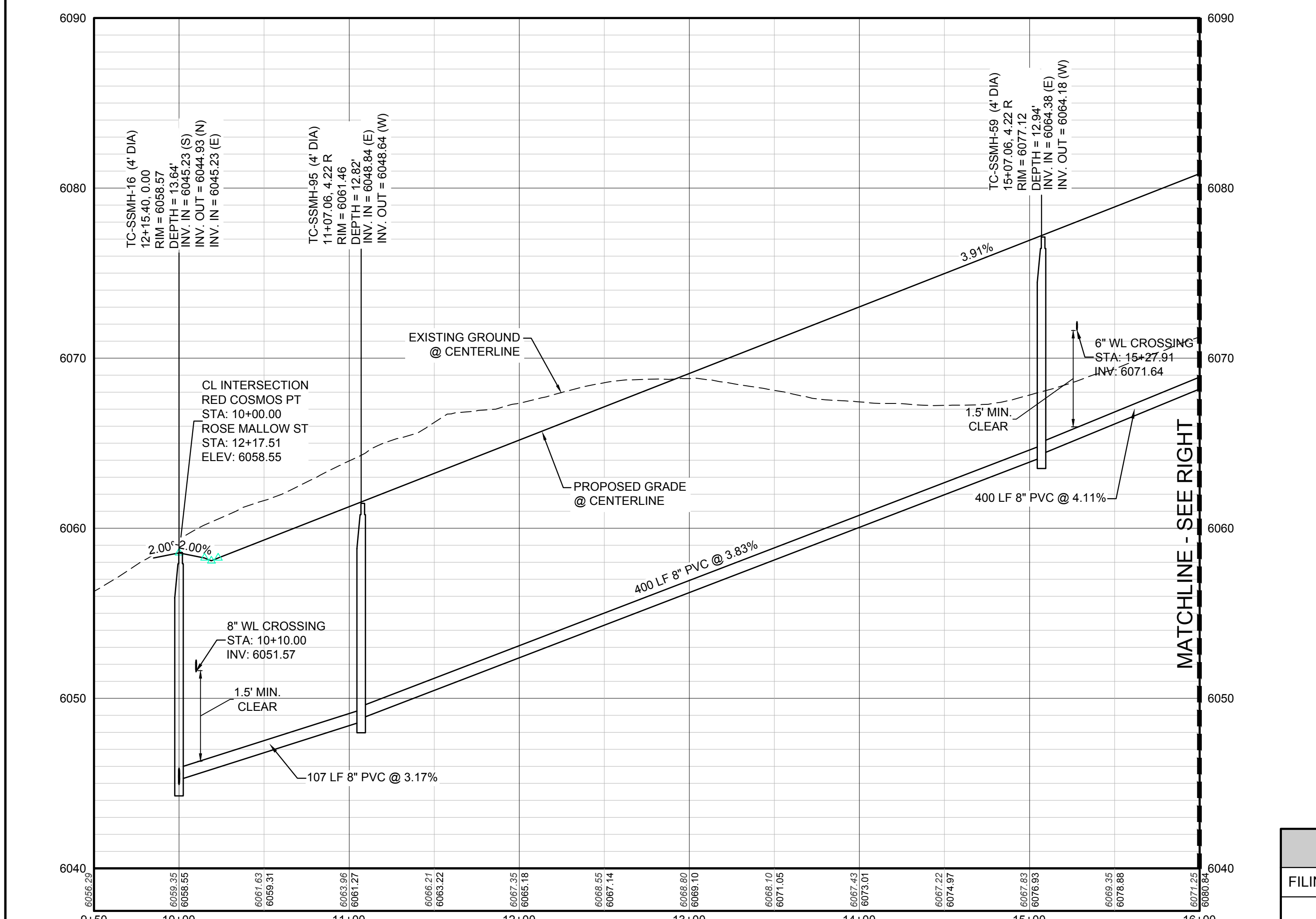
**CVL CONSULTANTS**

HR 935 LLC  
7353 South Alton Way  
CENTENNIAL, CO 80112

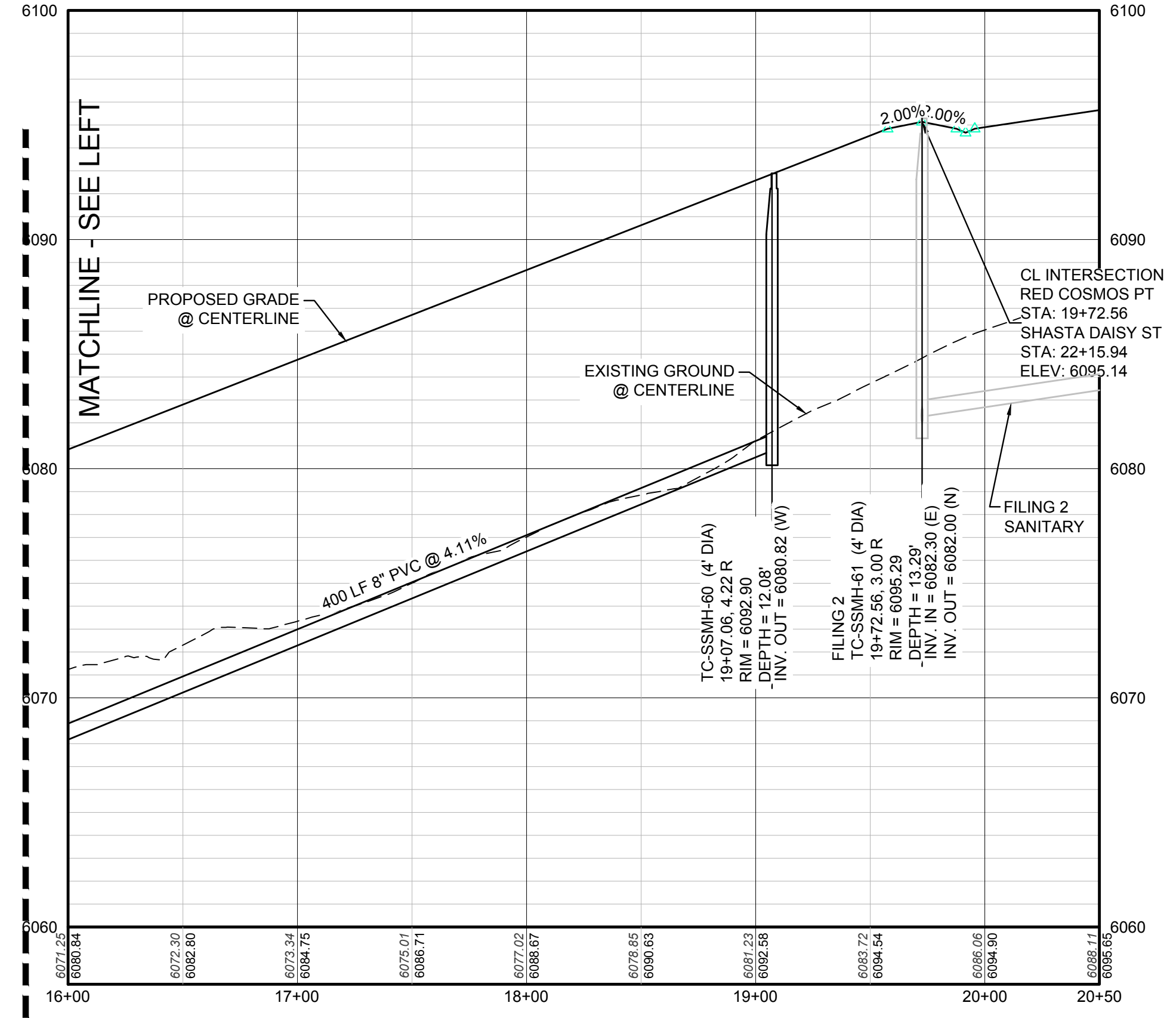
**TRAILS AT CROWFOOT**  
FILING 3 CONSTRUCTION DRAWINGS  
SANITARY SEWER PLAN AND PROFILE  
TREFOIL LN



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



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



PROFILE: RED COSMOS POINT STA: 16+00.00 TO 20+50.00  
HORIZONTAL: 1" = 50'  
VERTICAL: 1" = 5'

CALL 811  
TWO WORKING DAYS  
BEFORE YOU DIG  
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.

**LEGEND**

⊙	BLOCK NUMBER	△	PROPOSED RANGE POINT
①	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
⊕	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⊕	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊕	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
⊕	PROPOSED SIDEWALK	---	PROPOSED WATER LATERAL W/ METER
⊕	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 POWER
⊕	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE

**ABBREVIATIONS**

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

**SANITARY SERVICE TABLE**

FILING, BLOCK, LOT	STREET	STATIONING
F3.B4.L17	RED COSMOS PT	19+00.06
F3.B4.L18	RED COSMOS PT	18+50.06
F3.B4.L19	RED COSMOS PT	18+00.06
F3.B4.L20	RED COSMOS PT	17+50.06
F3.B4.L21	RED COSMOS PT	17+00.06
F3.B4.L22	RED COSMOS PT	16+50.06
F3.B4.L23	RED COSMOS PT	16+00.06
F3.B4.L24	RED COSMOS PT	15+40.06
F3.B4.L25	RED COSMOS PT	14+80.06
F3.B4.L26	RED COSMOS PT	14+05.27
F3.B4.L27	RED COSMOS PT	13+41.27
F3.B4.L28	RED COSMOS PT	12+77.27
F3.B4.L29	RED COSMOS PT	11+90.68

**SANITARY SERVICE TABLE**

FILING, BLOCK, LOT	STREET	STATIONING
F3.B5.L1	RED COSMOS PT	10+69.41
F3.B5.L2	RED COSMOS PT	11+22.91
F3.B5.L3	RED COSMOS PT	11+82.91
F3.B5.L4	RED COSMOS PT	12+42.91
F3.B5.L5	RED COSMOS PT	13+02.91
F3.B5.L6	RED COSMOS PT	13+62.91
F3.B5.L7	RED COSMOS PT	14+22.91
F3.B5.L8	RED COSMOS PT	14+82.91
F3.B5.L9	RED COSMOS PT	15+42.91
F3.B5.L10	RED COSMOS PT	16+02.91
F3.B5.L11	RED COSMOS PT	16+62.91
F3.B5.L12	RED COSMOS PT	17+12.91
F3.B5.L13	RED COSMOS PT	17+62.91
F3.B5.L14	RED COSMOS PT	18+12.91
F3.B5.L15	RED COSMOS PT	18+62.91

PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON  
COLORADO P.E. 0050067

10333 E. Dry Creek Rd.  
Suite 410  
Englewood, CO 80150  
Tel: (720) 482-9526  
Fax: (720) 482-9548

**CVL CONSULTANTS**

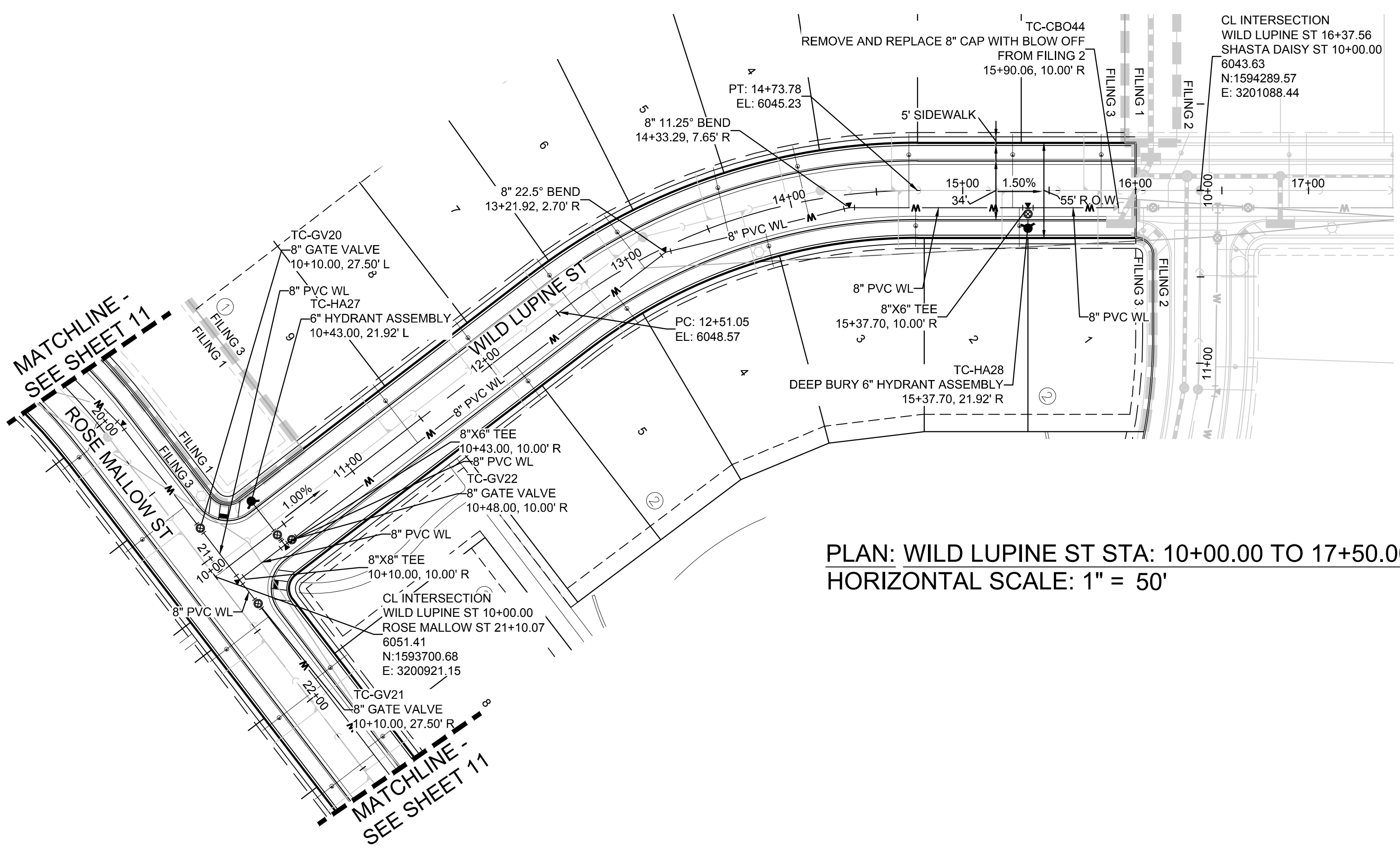
HR 935 LLC  
7353 South Alton Way  
CENTENNIAL, CO 80112

**TRAILS AT CROWFOOT**  
FILING 3 CONSTRUCTION DRAWINGS  
SANITARY SEWER PLAN AND PROFILE  
RED COSMOS POINT

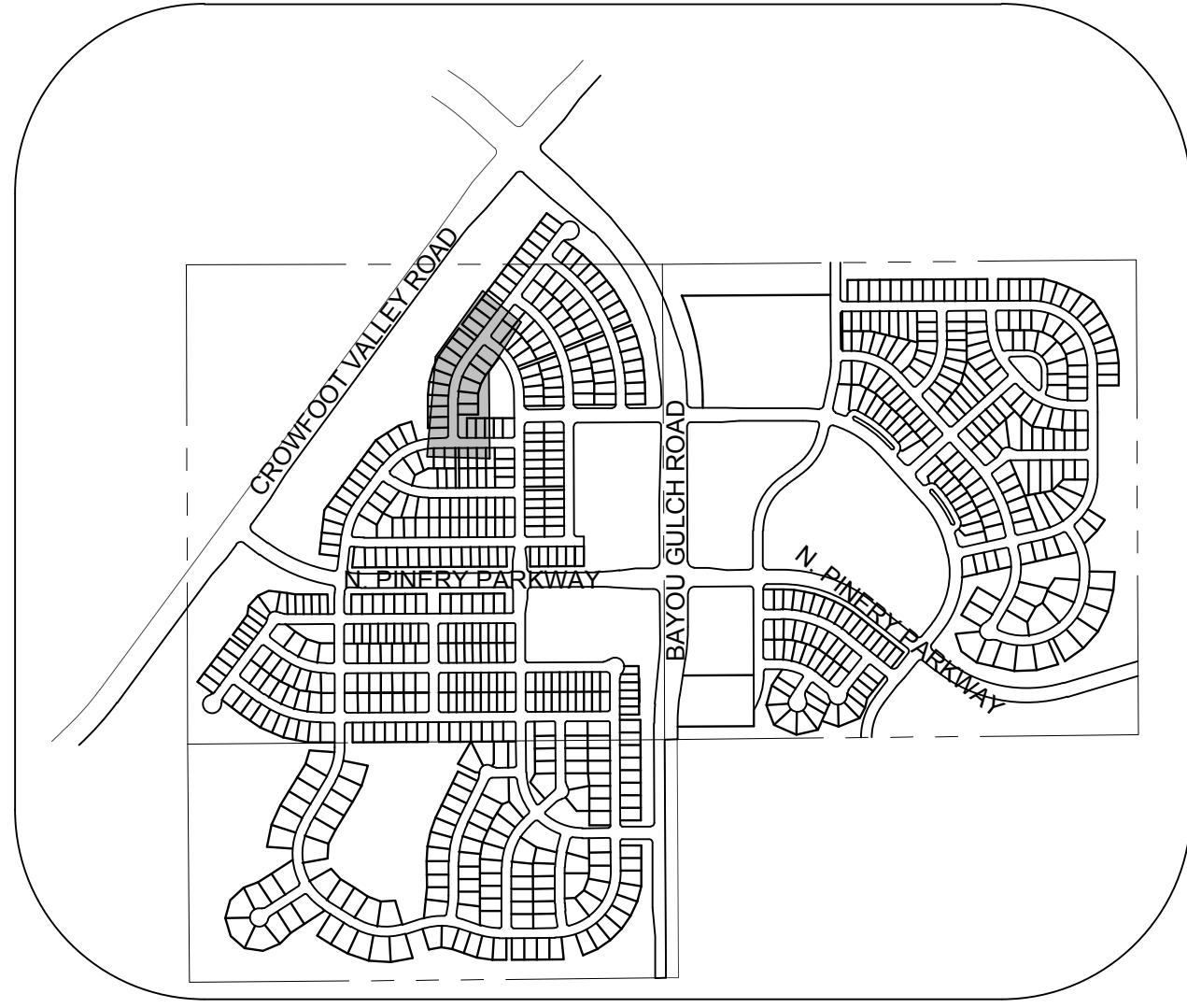
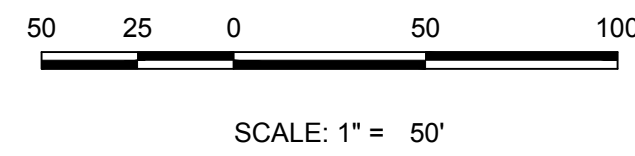
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DATE:	APRIL 2017

SHEET NUMBER **8**

No.	Revisions	Date	Appr.	Date



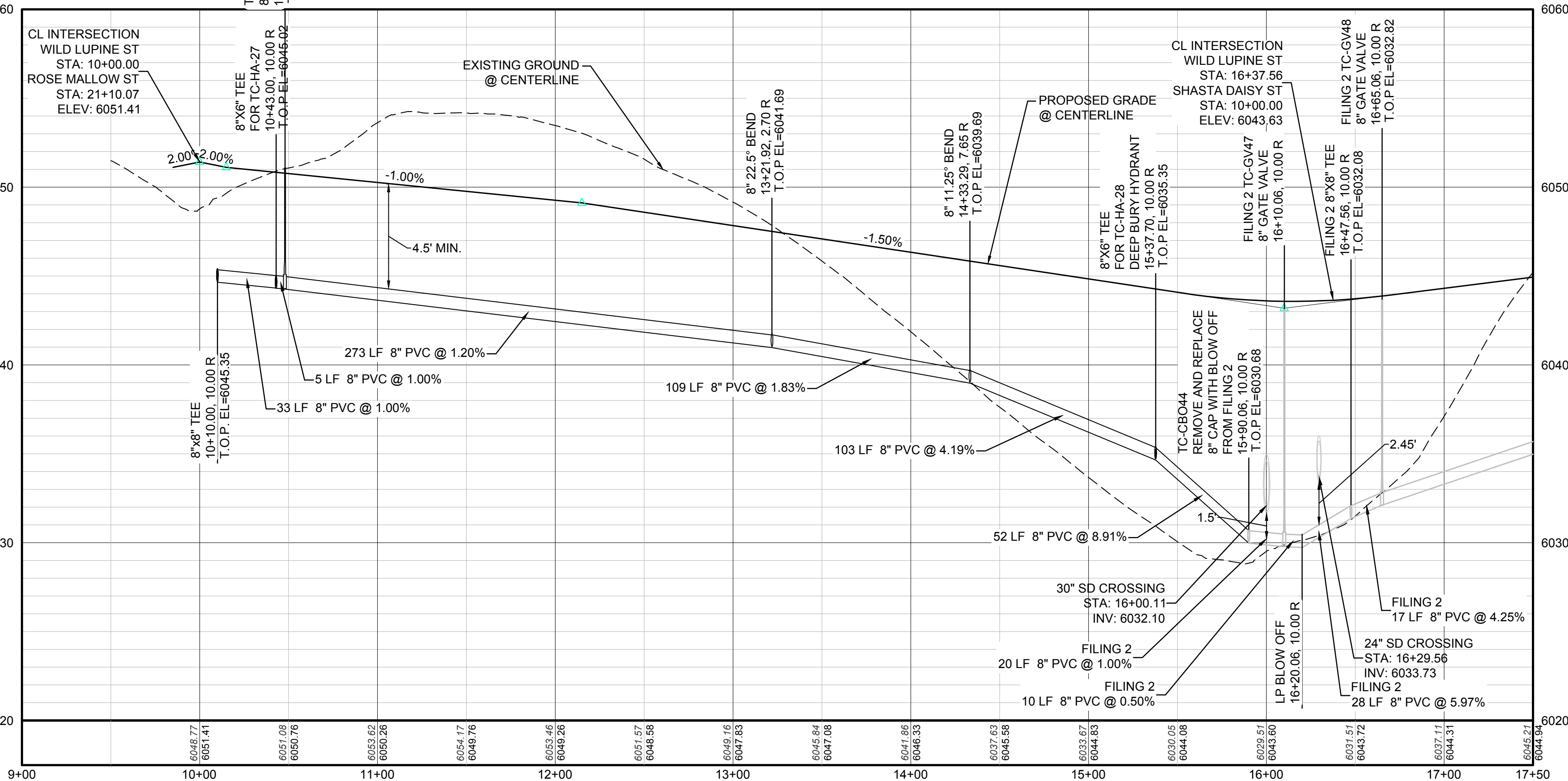
PLAN: WILD LUPINE ST STA: 10+00.00 TO 17+50.00  
HORIZONTAL SCALE: 1" = 50'



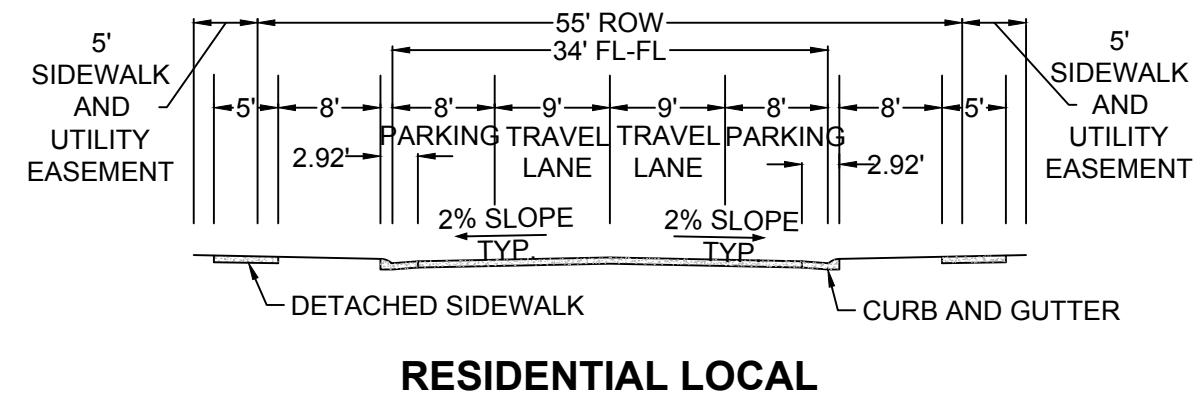
KEYMAP  
N.T.S.  
LEGEND

②	BLOCK NUMBER	△	PROPOSED RANGE POINT
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⊕	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊕	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
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⊕	PROPOSED STORM DRAIN INLET	---	EXISTING OVERHEAD POWER
⊕	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE

FILING, BLOCK, LOT	STREET	STATIONING
F3.B1.L1	WILD LUPINE ST	15+80.06
F3.B1.L2	WILD LUPINE ST	15+28.83
F3.B1.L3	WILD LUPINE ST	14+68.63
F3.B1.L4	WILD LUPINE ST	14+08.93
F3.B1.L5	WILD LUPINE ST	13+59.94
F3.B1.L6	WILD LUPINE ST	13+06.82
F3.B1.L7	WILD LUPINE ST	12+59.60
F3.B1.L8	WILD LUPINE ST	11+99.97
F3.B1.L9	WILD LUPINE ST	11+39.97
F3.B2.L1	WILD LUPINE ST	16+04.56
F3.B2.L2	WILD LUPINE ST	15+32.70
F3.B2.L3	WILD LUPINE ST	14+72.66
F3.B2.L4	WILD LUPINE ST	13+81.54
F3.B2.L5	WILD LUPINE ST	12+84.07
F3.B2.L6	WILD LUPINE ST	12+12.30



PROFILE: WILD LUPINE ST STA: 9+00.00 TO 17+50.00  
HORIZONTAL: 1" = 50'  
VERTICAL: 1" = 5'



RESIDENTIAL LOCAL

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BVC	BEGIN VERTICAL CURVE	PVC	POLYVINYL CHLORIDE
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PREPARED UNDER THE SUPERVISION OF

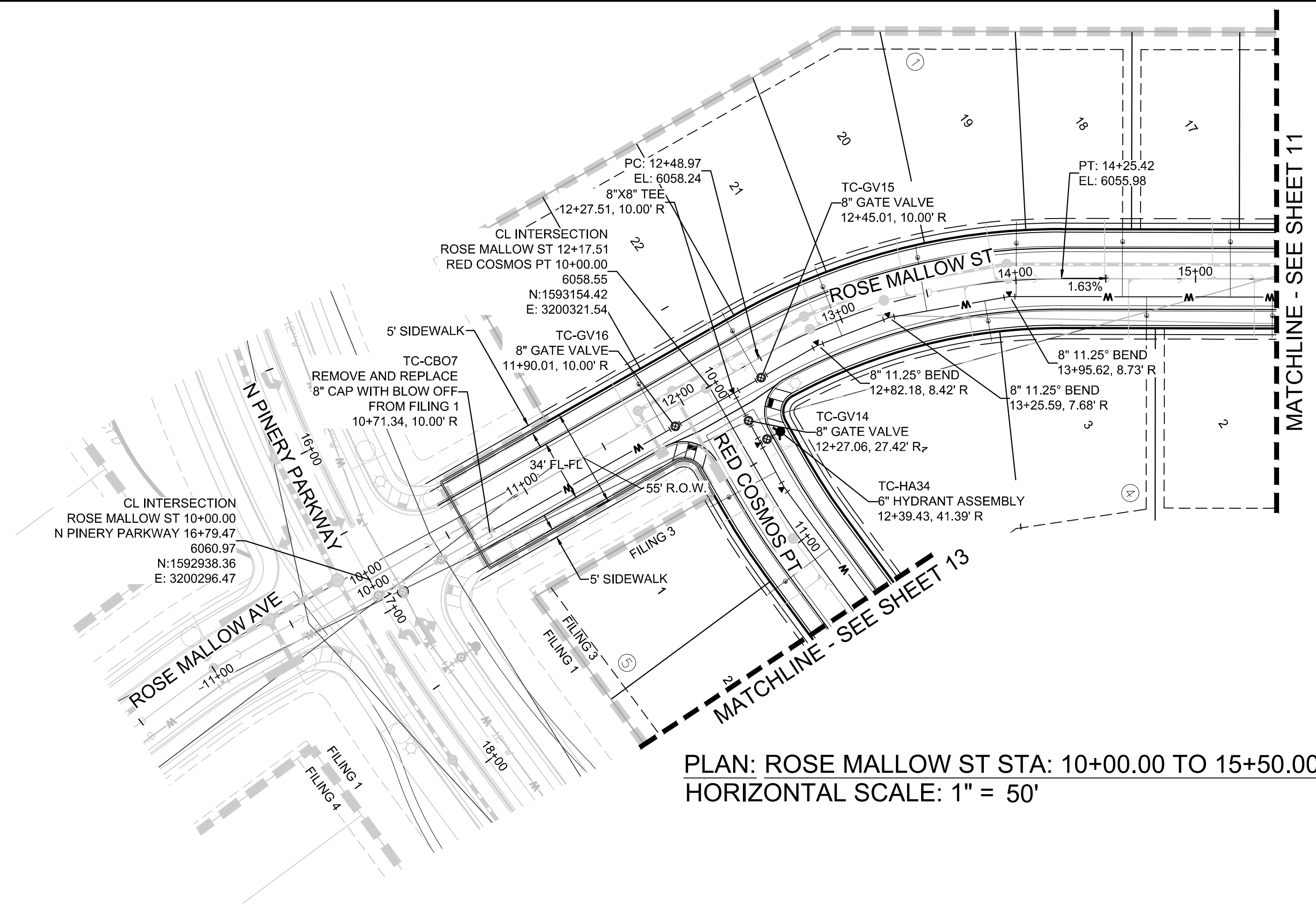
BRIAN P. WILSON  
COLORADO P.E. 0050067

**BENCHMARK**  
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-3/4" 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.

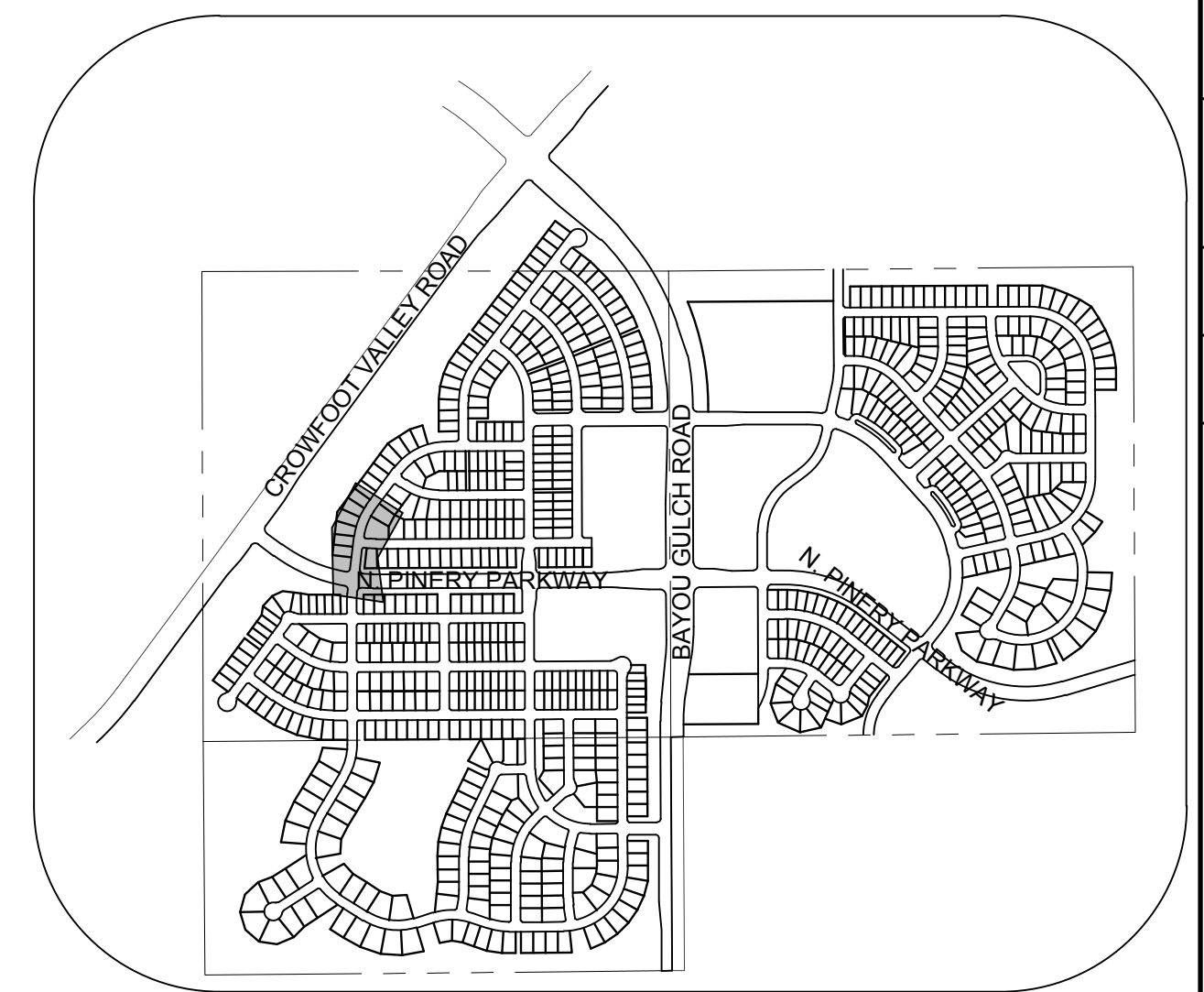
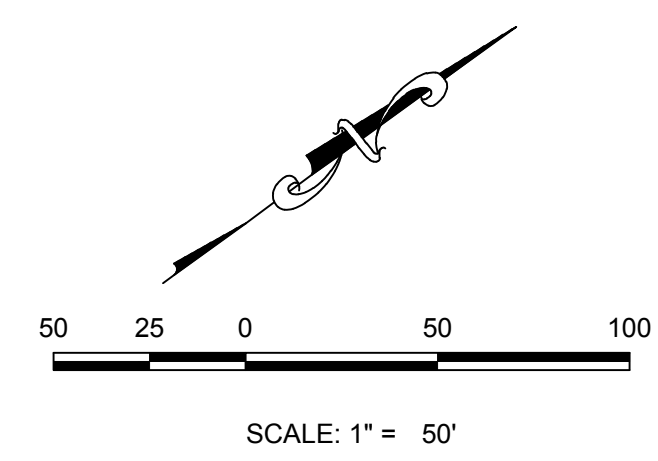
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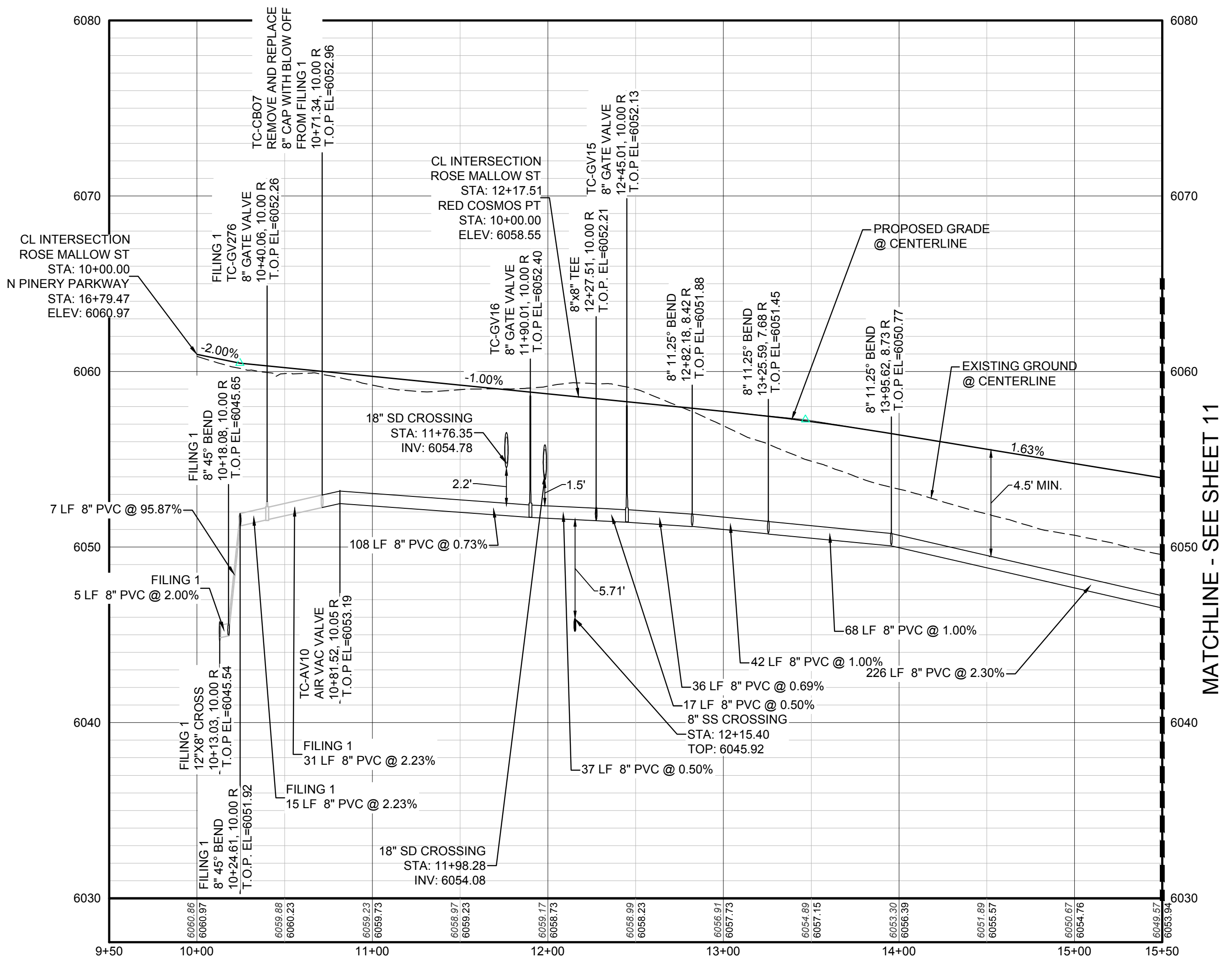
10338 E. Dry Creek Rd. Suite 6410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546	Revisions	Date	Appr.	Date
<b>CVL</b> CONSULTANTS	No.			
HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112				
TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS WATER PLAN & PROFILE WILD LUPINE STREET				
SCALE: AS SHOWN				
DRAWN BY: RHR	CHECKED BY: JJ	DATE: APRIL 2017	FILE NO: 8130283701	
SHEET NUMBER	9			



PLAN: ROSE MALLOW ST STA: 10+00.00 TO 15+50.00  
HORIZONTAL SCALE: 1" = 50'



KEYMAP  
N.T.S.



PROFILE: ROSE MALLOW ST STA: 9+50.00 TO 15+50.00  
HORIZONTAL: 1" = 50'  
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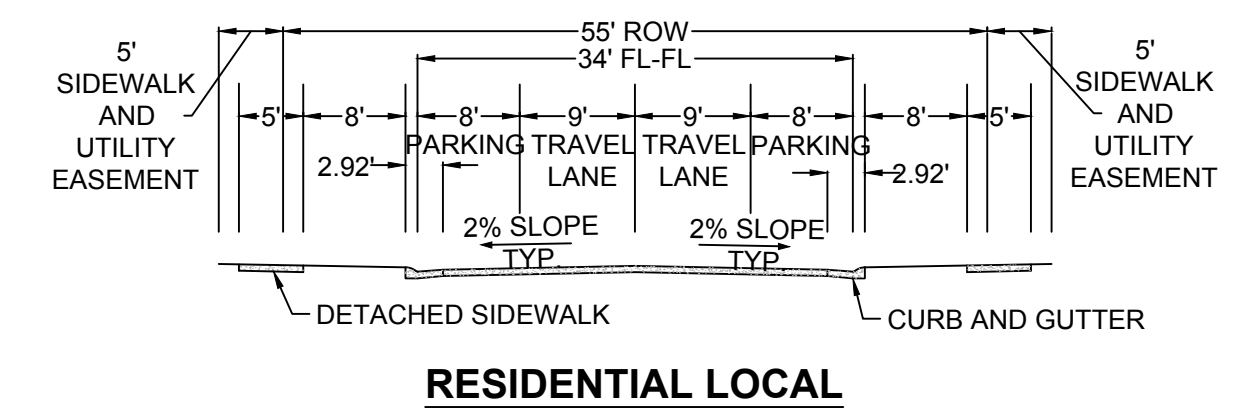
FILING, BLOCK, LOT	STREET	STATIONING
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F3.B1.L18	ROSE MALLOW ST	14+59.32
F3.B1.L19	ROSE MALLOW ST	13+99.44
F3.B1.L20	ROSE MALLOW ST	13+47.61
F3.B1.L21	ROSE MALLOW ST	12+96.94
F3.B1.L22	ROSE MALLOW ST	12+43.97
F3.B1.L23	ROSE MALLOW ST	11+83.97
F3.B4.L2	ROSE MALLOW ST	15+42.71
F3.B4.L3	ROSE MALLOW ST	14+72.71
F3.B4.L4	ROSE MALLOW ST	13+81.23

**LEGEND**

- ⊙ BLOCK NUMBER
- Ⓐ LOT TYPE
- 6 LOT NUMBER
- ⊕ PROPOSED BUTTERFLY VALVE
- ⌋ PROPOSED CAP WITH END OF LINE BLOWOFF
- ⌋ PROPOSED REDUCER
- ⊕ PROPOSED VALVE
- Ⓜ PROPOSED FIRE HYDRANT
- ⌋ PROPOSED WL FITTING WITH THRUST BLOCK
- ⌋ PROPOSED FLARED END SECTION
- ⊕ PROPOSED LOW POINT BLOW-OFF
- ⊕ PROPOSED AIR VALVE
- ⊕ FUTURE PHASE VALVE
- ⊕ FUTURE FIRE HYDRANT
- ⊕ PROPOSED LIGHT POLE
- ⌋ PROPOSED SIDEWALK
- ⌋ PROPOSED SIDEWALK RAMP
- 10.00 EXISTING ELEVATION
- 10.00 PROPOSED DESIGN ELEVATION
- ⊕ PROPOSED STORM DRAIN INLET
- ⊕ PROPOSED STORM DRAIN MANHOLE
- △ PROPOSED RANGE POINT
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- RIGHT-OF-WAY
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- PROPOSED DIRECTION OF FLOW
- 1.0% PROPOSED SLOPE & DIRECTION
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- 5620 PROPOSED 5' CONTOUR
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- PROPOSED STORM DRAIN
- PROPOSED SEWER LINE WITH MANHOLE
- PROPOSED SEWER LATERAL
- PROPOSED WATER LINE
- PROPOSED WATER LATERAL W/ METER
- SECTION LINE
- FILING BOUNDARY
- FO EXISTING FIBER
- OH EXISTING OVERHEAD POWER
- TEL EXISTING TELEPHONE LINE

**ABBREVIATIONS**

AD	ANGLE DIFFERENCE	MH	MANHOLE
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RESIDENTIAL LOCAL

PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON  
COLORADO P.E. 0050067

N:\PROJECTS\SSR\BENCHM\ENGINEERING\SSR\SSR\ROSE MALLOW STREET WATERWORKS, CDDVA, 12/12/2017 12:24 PM

CALL 811  
TWO WORKING DAYS  
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UNCC 1-800-922-1987

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THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 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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SCALE:	AS SHOWN
DRAWN BY:	RHR
CHECKED BY:	JU
DATE:	APRIL 2017
FILE NO.:	8130283701
NO.	
REVISIONS	
DATE	
INIT.	
APPR.	
DATE	

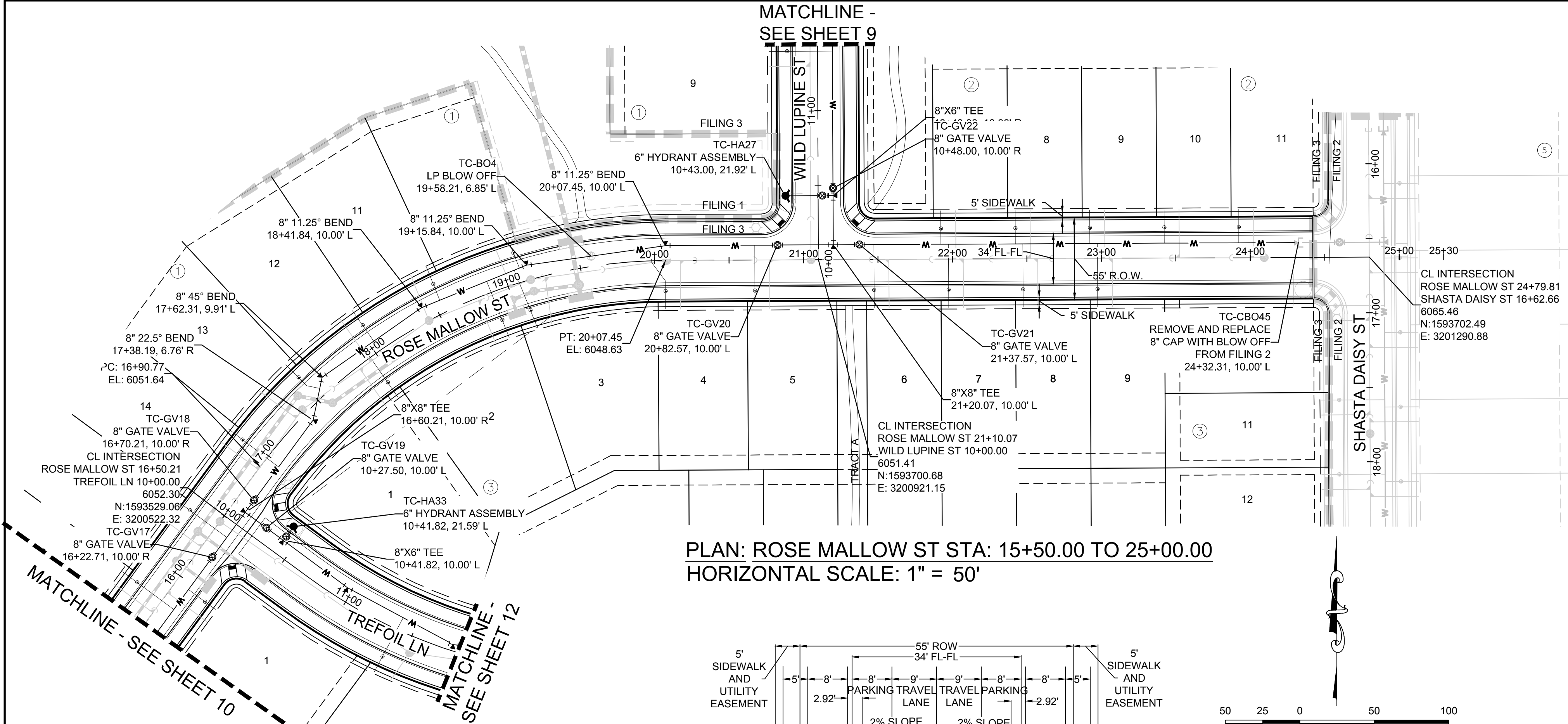
10338 E. Dry Creek Rd.  
Suite 410  
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**CVL CONSULTANTS**

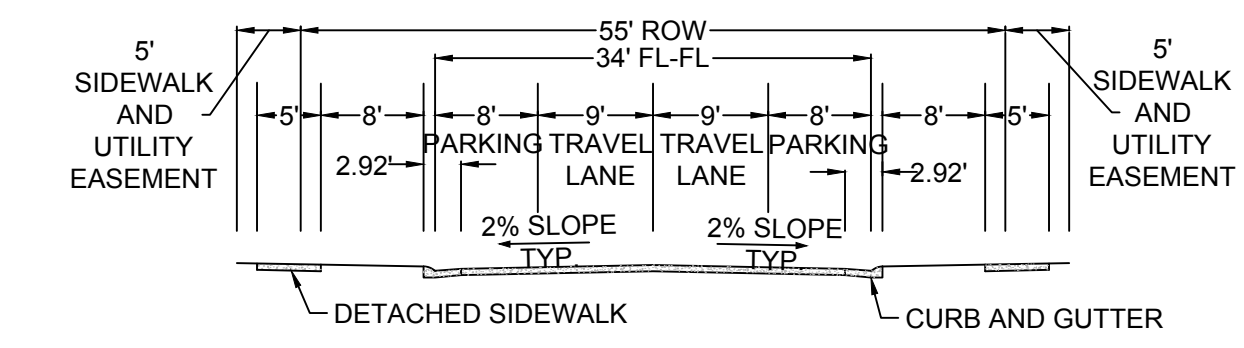
HR 935 LLC  
7353 South Alton Way  
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**TRAILS AT CROWFOOT**  
FILING 3 CONSTRUCTION DRAWINGS  
WATER PLAN & PROFILE  
ROSE MALLOW STREET

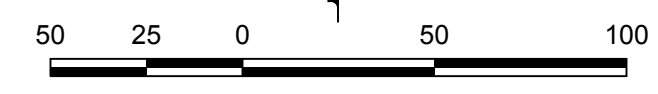
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PLAN: ROSE MALLOW ST STA: 15+50.00 TO 25+00.00  
HORIZONTAL SCALE: 1" = 50'

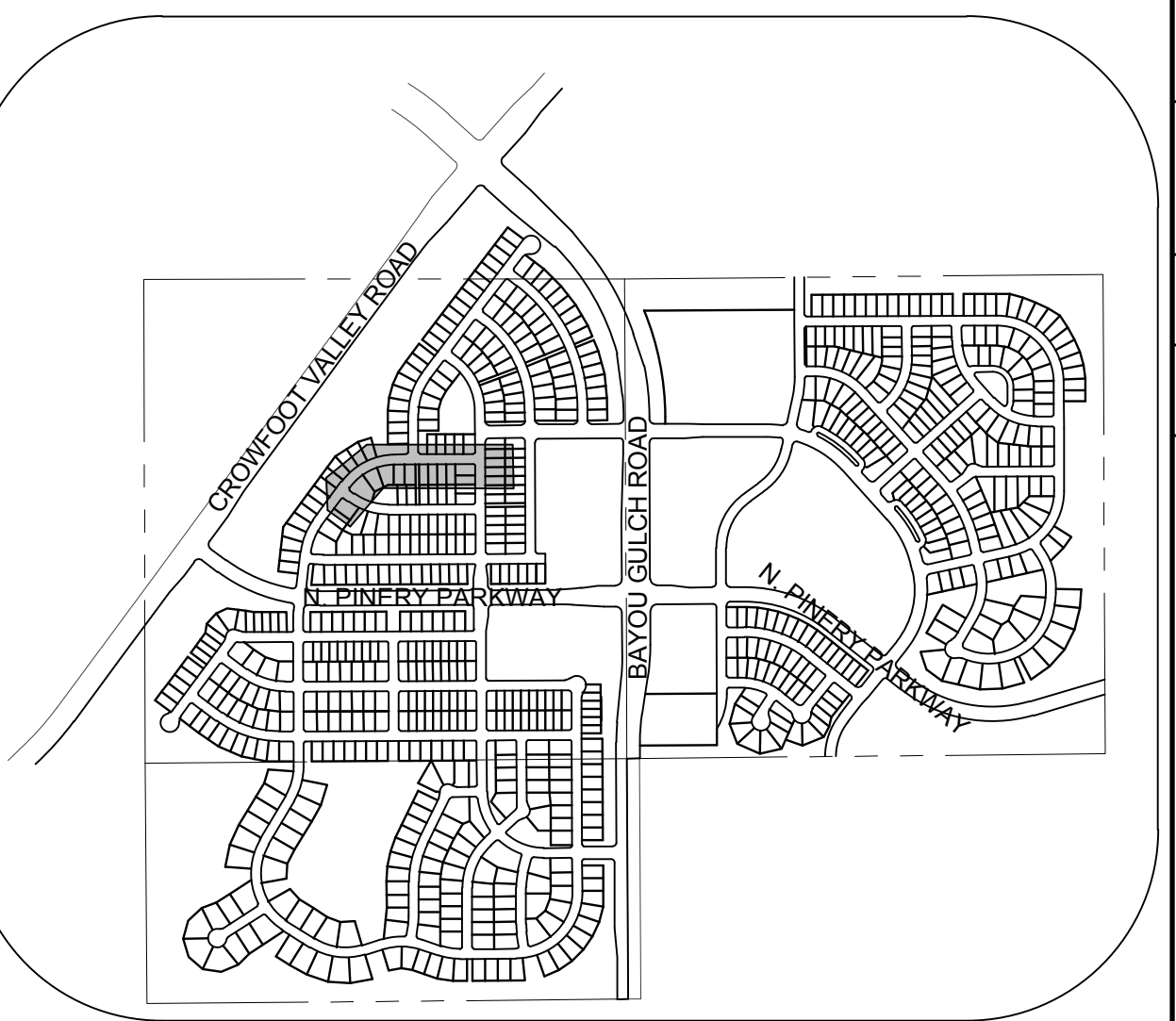


RESIDENTIAL LOCAL



SCALE: 1" = 50'

FILING, BLOCK, LOT	STREET	STATIONING
F3.B1.L10	ROSE MALLOW ST	19+10.66
F3.B1.L11	ROSE MALLOW ST	18+54.48
F3.B1.L12	ROSE MALLOW ST	18+03.51
F3.B1.L13	ROSE MALLOW ST	17+56.20
F3.B1.L14	ROSE MALLOW ST	16+98.21
F3.B1.L15	ROSE MALLOW ST	16+39.32
F3.B1.L16	ROSE MALLOW ST	15+79.32
F3.B2.L7	ROSE MALLOW ST	21+92.33
F3.B2.L8	ROSE MALLOW ST	22+42.33
F3.B2.L9	ROSE MALLOW ST	22+92.33
F3.B2.L10	ROSE MALLOW ST	23+42.33
F3.B2.L11	ROSE MALLOW ST	23+92.33
F3.B3.L1	ROSE MALLOW ST	17+95.48
F3.B3.L2	ROSE MALLOW ST	18+87.56
F3.B3.L3	ROSE MALLOW ST	19+07.04
F3.B3.L4	ROSE MALLOW ST	19+97.14
F3.B3.L5	ROSE MALLOW ST	20+67.31
F3.B3.L6	ROSE MALLOW ST	21+47.31
F3.B3.L7	ROSE MALLOW ST	21+97.31
F3.B3.L8	ROSE MALLOW ST	22+47.31
F3.B3.L9	ROSE MALLOW ST	22+97.31
F3.B4.L1	ROSE MALLOW ST	15+95.88



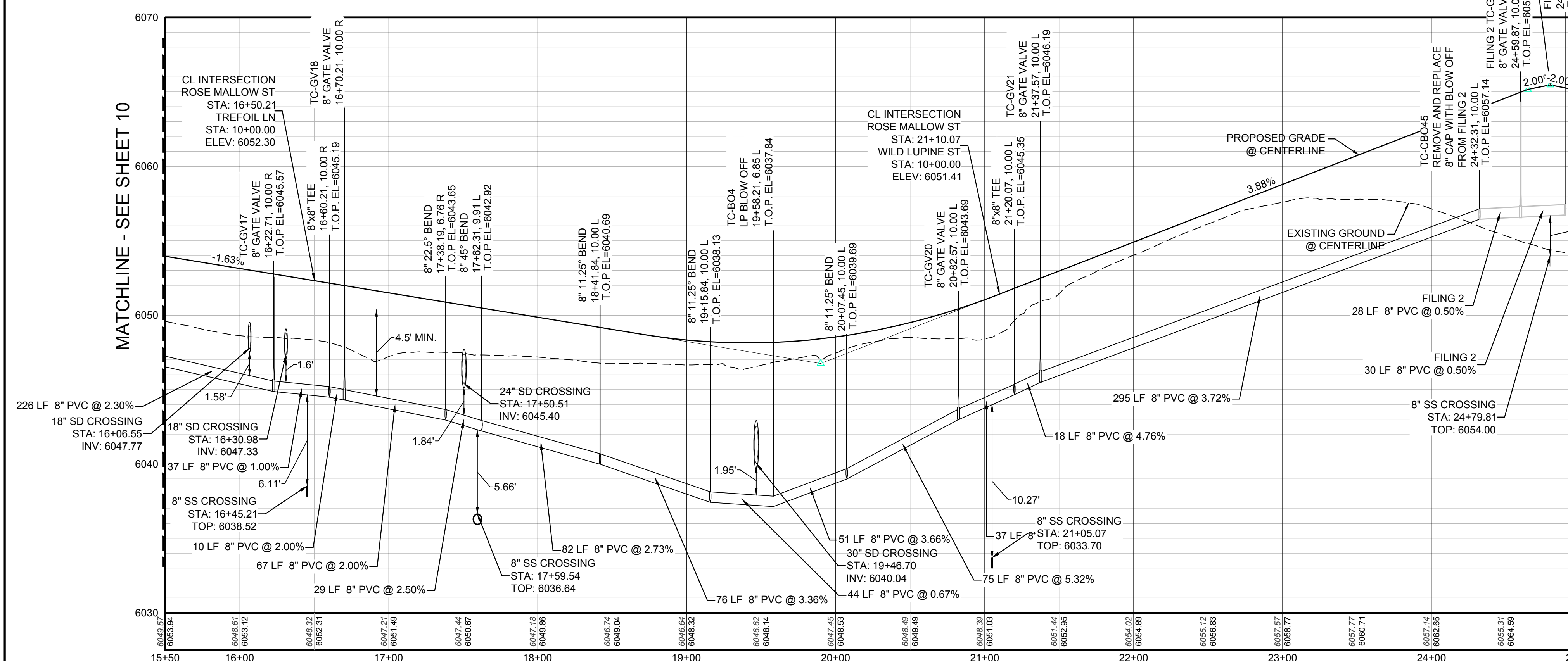
KEYMAP  
N.T.S.

**LEGEND**

②	BLOCK NUMBER	△	PROPOSED RANGE POINT
Ⓐ	LOT TYPE	---	CENTERLINE
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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
⊞	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⊞	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊞	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
⊞	PROPOSED SIDEWALK	---	PROPOSED WATER LATERAL W/ METER
10.00	EXISTING ELEVATION	---	SECTION LINE
10.00	PROPOSED DESIGN ELEVATION	---	FILING BOUNDARY
⊞	PROPOSED STORM DRAIN INLET	---	EXISTING FIBER OPTIC LINE
⊞	PROPOSED STORM DRAIN MANHOLE	---	EXISTING OVERHEAD POWER
		---	EXISTING TELEPHONE LINE

**ABBREVIATIONS**

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



PROFILE: ROSE MALLOW ST STA: 15+50.00 TO 25+00.00  
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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UNCC 1-800-922-1987

10333 E. Dry Creek Rd., Suite 6410, Englewood, CO 80151  
Tel: (720) 482-9526 Fax: (720) 482-9548

**CVL CONSULTANTS**

HR 935 LLC  
7353 South Alton Way  
CENTENNIAL, CO 80112

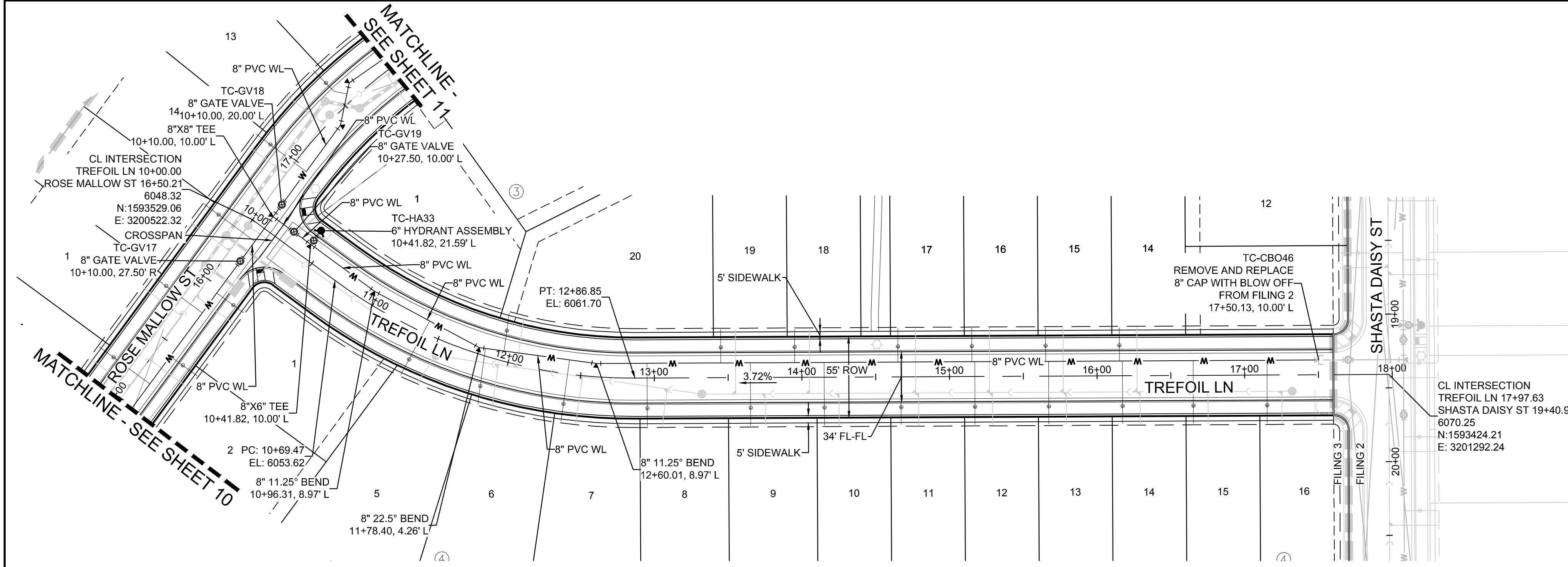
TRAILS AT CROWFOOT  
FILING 3 CONSTRUCTION DRAWINGS  
WATER PLAN & PROFILE  
ROSE MALLOW STREET

SCALE: AS SHOWN  
FILE NO: 8130283701

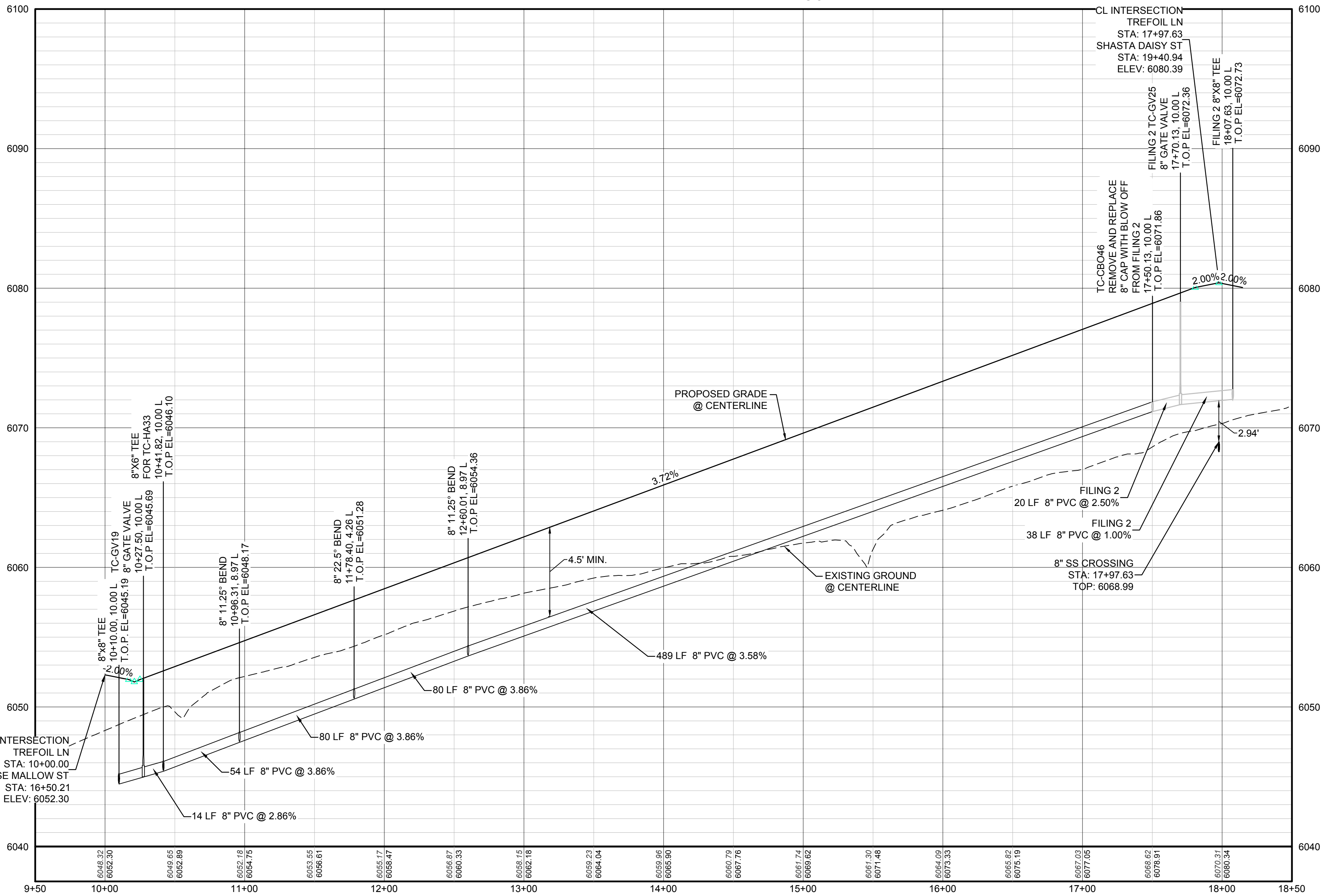
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CHECKED BY: JU  
DATE: APRIL 2017

SHEET NUMBER: 11

Date: \_\_\_\_\_  
Appr. \_\_\_\_\_  
Date: \_\_\_\_\_  
Init. \_\_\_\_\_  
Date: \_\_\_\_\_  
Revisions: \_\_\_\_\_  
No. \_\_\_\_\_



PLAN: TREFOIL LN STA: 9+50.00 TO 18+50.00  
HORIZONTAL SCALE: 1" = 50'



PROFILE: TREFOIL LN STA: 9+50.00 TO 18+50.00  
HORIZONTAL: 1" = 50'  
VERTICAL: 1" = 5'

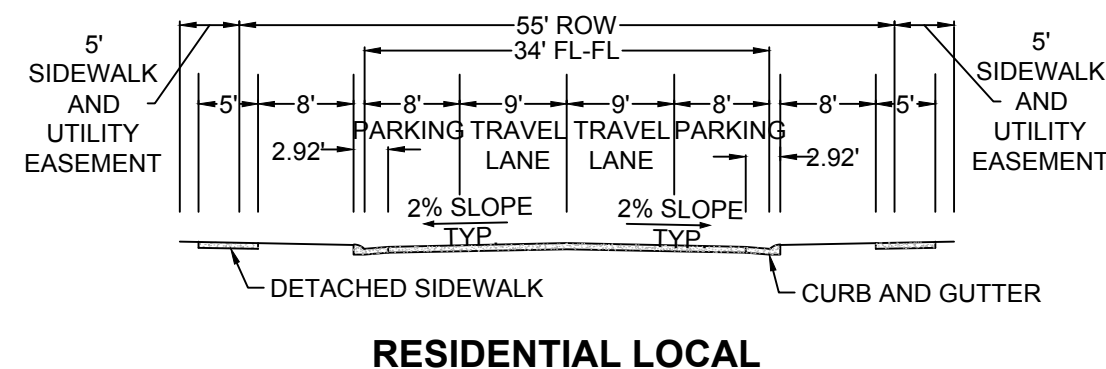
FILING, BLOCK, LOT	STREET	STATIONING
F3,B3,L14	TREFOIL LN	16+15.13
F3,B3,L15	TREFOIL LN	15+65.13
F3,B3,L16	TREFOIL LN	15+15.13
F3,B3,L17	TREFOIL LN	14+65.13
F3,B3,L18	TREFOIL LN	13+95.13
F3,B3,L19	TREFOIL LN	13+45.13
F3,B3,L20	TREFOIL LN	11+95.37
F3,B4,L5	TREFOIL LN	11+39.68
F3,B4,L6	TREFOIL LN	11+82.47
F3,B4,L7	TREFOIL LN	12+41.14
F3,B4,L8	TREFOIL LN	12+95.13
F3,B4,L9	TREFOIL LN	13+65.13
F3,B4,L10	TREFOIL LN	14+15.13
F3,B4,L11	TREFOIL LN	14+67.13
F3,B4,L12	TREFOIL LN	15+17.13
F3,B4,L13	TREFOIL LN	15+67.13
F3,B4,L14	TREFOIL LN	16+17.13
F3,B4,L15	TREFOIL LN	16+65.13
F3,B4,L16	TREFOIL LN	17+15.13

**LEGEND**

- 2 BLOCK NUMBER
- 6 LOT TYPE
- 6 LOT NUMBER
- PROPOSED BUTTERFLY VALVE
- PROPOSED CAP WITH END OF LINE BLOWOFF
- PROPOSED REDUCER
- PROPOSED VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED WL FITTING WITH THRUST BLOCK
- PROPOSED FLARED END SECTION
- PROPOSED LOW POINT BLOW-OFF
- PROPOSED AIR VALVE
- FUTURE PHASE VALVE
- FUTURE FIRE HYDRANT
- PROPOSED LIGHT POLE
- PROPOSED SIDEWALK
- PROPOSED SIDEWALK RAMP
- EXISTING ELEVATION
- PROPOSED DESIGN ELEVATION
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED RANGE POINT
- CENTERLINE
- RIGHT-OF-WAY
- PROPERTY LINE
- EDGE OF PAVEMENT
- PROPOSED DIRECTION OF FLOW
- PROPOSED SLOPE & DIRECTION
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- PROPOSED 5' CONTOUR
- PROPOSED 1' CONTOUR
- PROPOSED STORM DRAIN
- PROPOSED SEWER LINE WITH MANHOLE
- PROPOSED SEWER LATERAL
- PROPOSED WATER LINE
- PROPOSED WATER LATERAL W/ METER
- SECTION LINE
- FILING BOUNDARY
- EXISTING FIBER OPTIC LINE
- EXISTING OVERHEAD POWER
- EXISTING TELEPHONE LINE

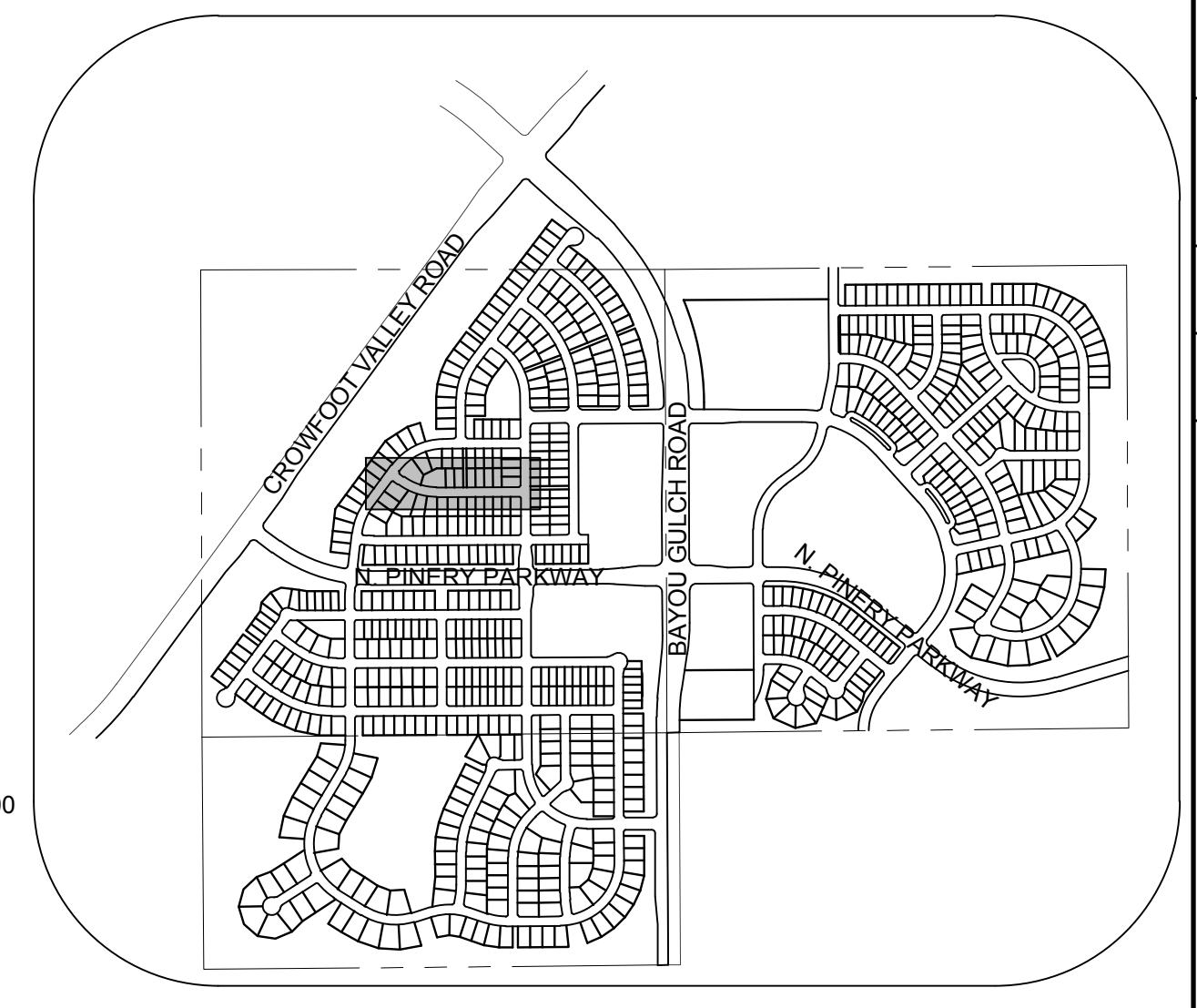
**ABBREVIATIONS**

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



RESIDENTIAL LOCAL

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



KEYMAP  
N.T.S.  
LEGEND

10333 E. Dry Creek Rd.  
Suite 410  
Englewood, CO 80150  
Tel: (720) 482-9526  
Fax: (720) 482-9548

**CVL CONSULTANTS**

HR 935 LLC  
7353 South Alton Way  
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT  
FILING 3 CONSTRUCTION DRAWINGS  
WATER PLAN & PROFILE  
TREFOIL LANE

SCALE: AS SHOWN  
FILE NO: 8130283701  
DATE: APRIL 2017

DRAWN BY: RHR  
CHECKED BY: JU  
DATE: APRIL 2017

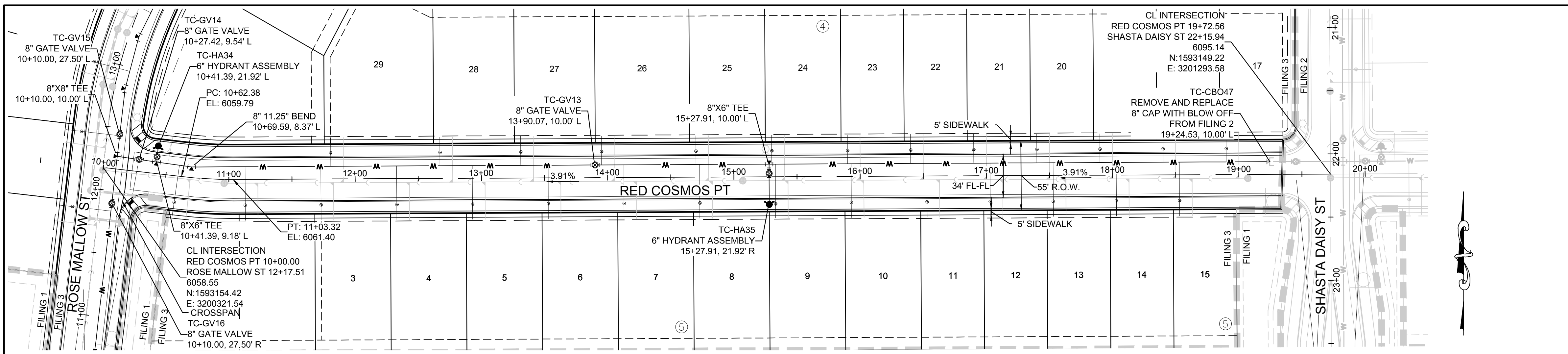
SHEET NUMBER  
**12**

Revisions: No. Date Init. Appr. Date

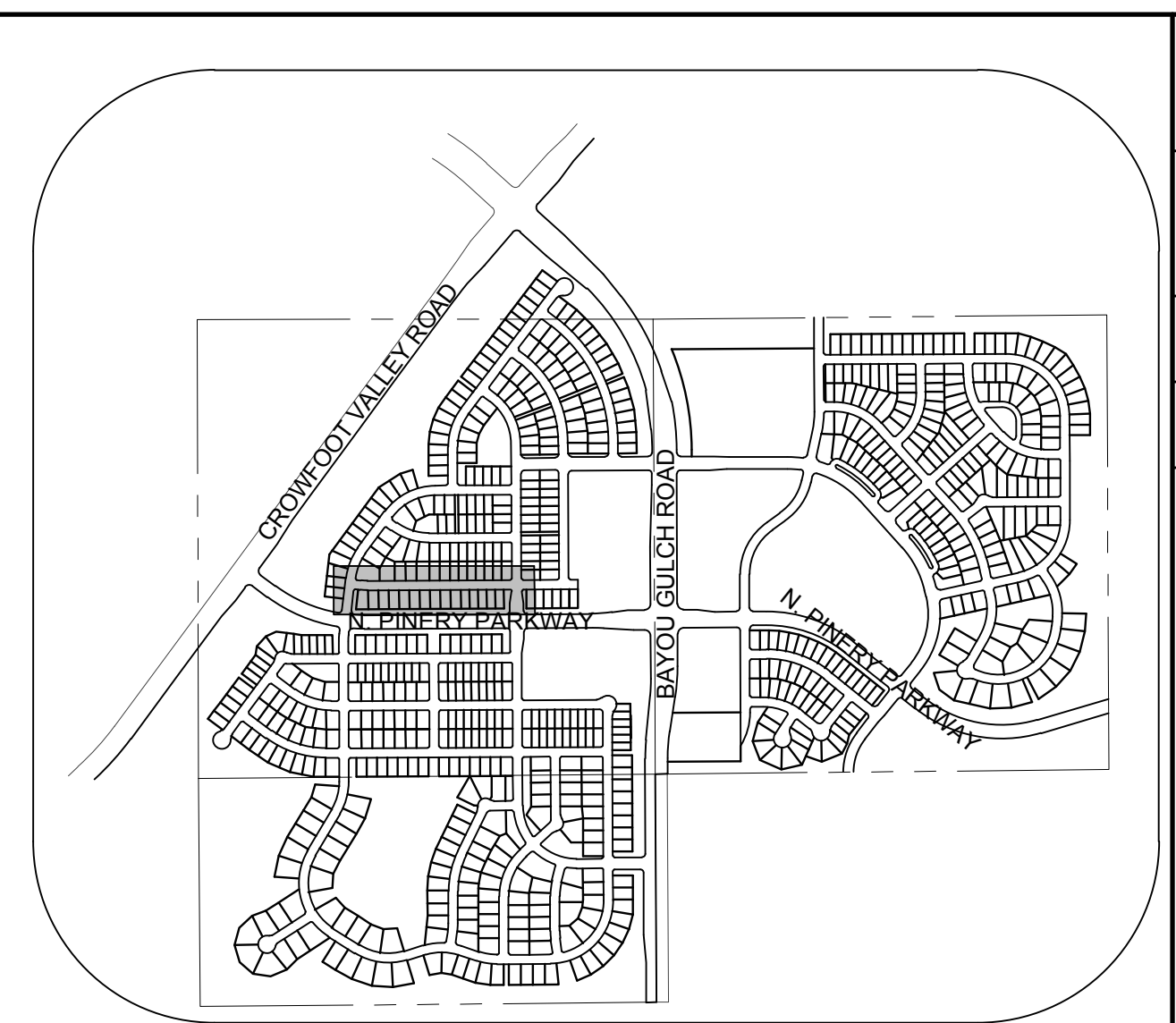
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**BENCHMARK**  
THE DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870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

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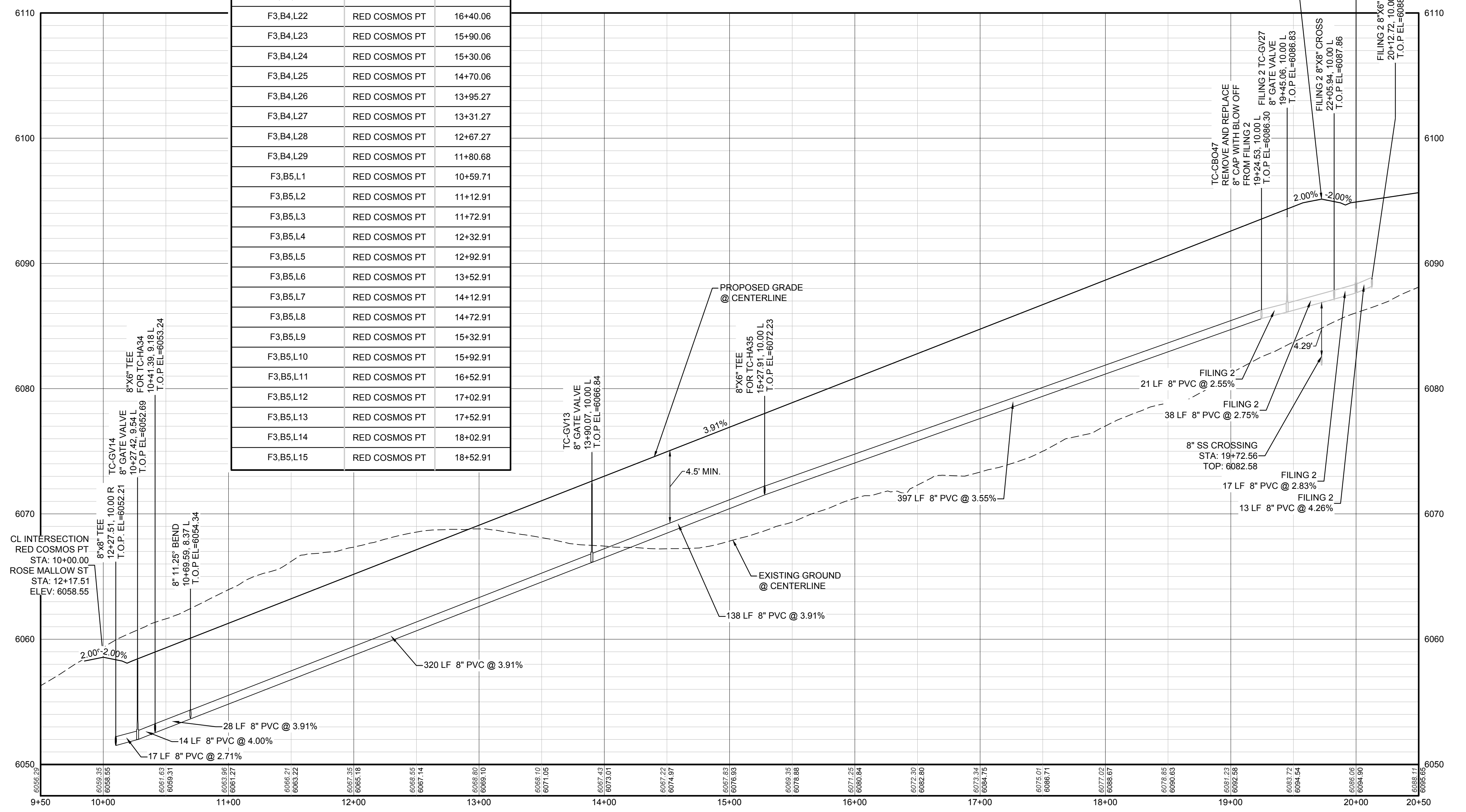
PLAN: RED COSMOS PT STA: 9+50.00 TO 20+50.00  
HORIZONTAL SCALE: 1" = 50'



KEYMAP  
N.T.S.  
LEGEND

⊙	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
⊙	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⊙	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊙	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
⊙	PROPOSED SIDEWALK	---	PROPOSED WATER LATERAL W/ METER
⊙	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 POWER
⊙	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE

FILING, BLOCK, LOT	STREET	STATIONING
F3,B4,L17	RED COSMOS PT	18+90.06
F3,B4,L18	RED COSMOS PT	18+40.06
F3,B4,L19	RED COSMOS PT	17+90.06
F3,B4,L20	RED COSMOS PT	17+40.06
F3,B4,L21	RED COSMOS PT	16+90.06
F3,B4,L22	RED COSMOS PT	16+40.06
F3,B4,L23	RED COSMOS PT	15+90.06
F3,B4,L24	RED COSMOS PT	15+30.06
F3,B4,L25	RED COSMOS PT	14+70.06
F3,B4,L26	RED COSMOS PT	13+95.27
F3,B4,L27	RED COSMOS PT	13+31.27
F3,B4,L28	RED COSMOS PT	12+67.27
F3,B4,L29	RED COSMOS PT	11+80.68
F3,B5,L1	RED COSMOS PT	10+59.71
F3,B5,L2	RED COSMOS PT	11+12.91
F3,B5,L3	RED COSMOS PT	11+72.91
F3,B5,L4	RED COSMOS PT	12+32.91
F3,B5,L5	RED COSMOS PT	12+92.91
F3,B5,L6	RED COSMOS PT	13+52.91
F3,B5,L7	RED COSMOS PT	14+12.91
F3,B5,L8	RED COSMOS PT	14+72.91
F3,B5,L9	RED COSMOS PT	15+32.91
F3,B5,L10	RED COSMOS PT	15+92.91
F3,B5,L11	RED COSMOS PT	16+52.91
F3,B5,L12	RED COSMOS PT	17+02.91
F3,B5,L13	RED COSMOS PT	17+52.91
F3,B5,L14	RED COSMOS PT	18+02.91
F3,B5,L15	RED COSMOS PT	18+52.91



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

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

N:\PROJECTS\SS\BENCHM\ENGINEERING\SS\BENCHM\WATER AND SANITATION\WATER PLAN AND PROFILES\RED COSMOS TERRACE WATER.DWG.CDDVA\_12/14/2017 1:28 PM

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UNCC 1-800-922-1987

**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 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.

10338 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546	<b>CVL</b> CONSULTANTS
HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112	TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS WATER PLAN & PROFILE RED COSMOS POINT
DRAWN BY: RHR	SCALE: AS SHOWN
CHECKED BY: JU	FILE NO: 8130283701
DATE: APRIL 2017	
SHEET NUMBER	13







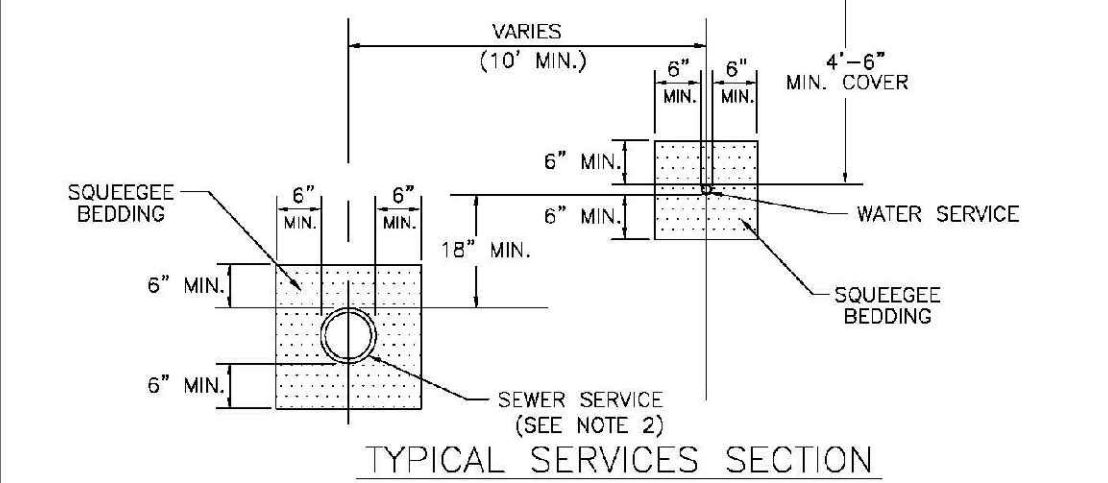
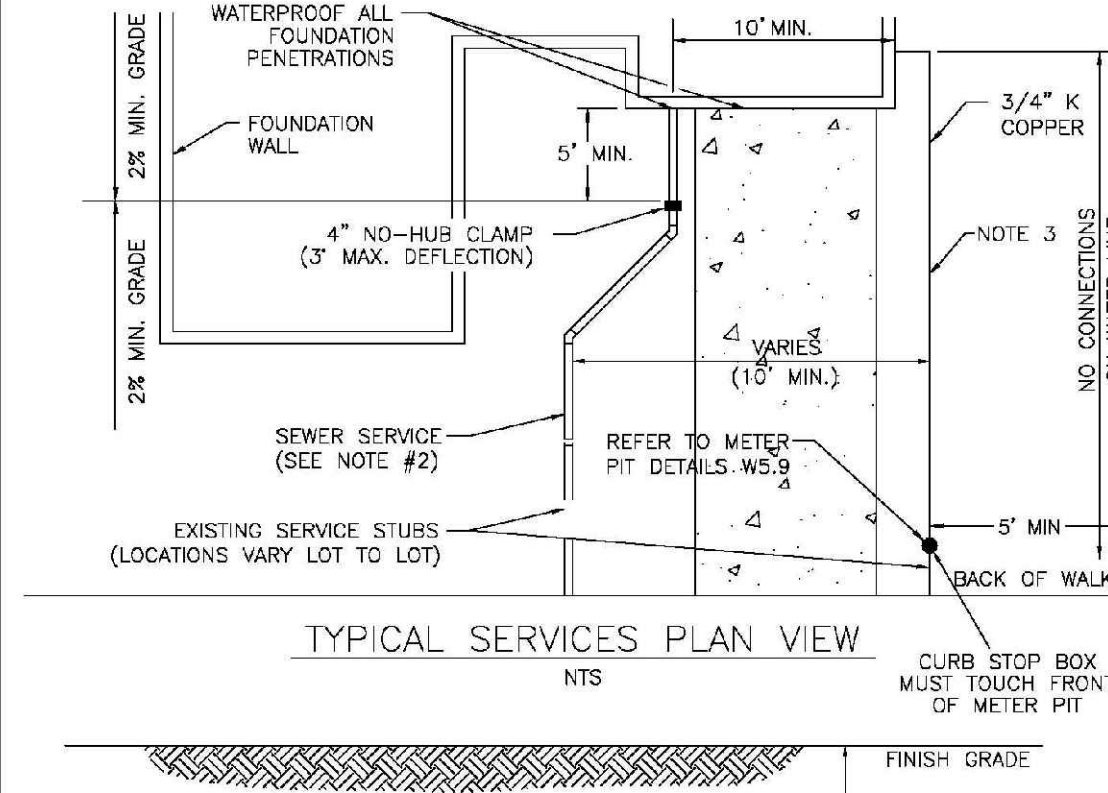
- INSPECTION POLICY:**
1. ALL SERVICE INSPECTIONS MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE OF THE REQUESTED INSPECTION.
  2. SERVICE INSPECTIONS WILL OCCUR BETWEEN 1:00 P.M. AND 3:00 P.M. SPECIFIC INSPECTION TIMES ARE NOT AVAILABLE.
  3. IF THE CONTRACTOR IS NOT READY FOR INSPECTION WHEN THE INSPECTOR ARRIVES AT THE SITE OR SERVICE FAILS, 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.
  7. LOTS WITHOUT BUILDING ADDRESSES BEFORE DISTRICT INSPECTION OR METER SET WILL FAIL AUTOMATICALLY.
  8. CONTRACTOR MUST BE PRESENT AT TIME OF INSPECTION, UNLESS COORDINATED WITH DISTRICT INSPECTOR.

- INSTALLATION NOTES:**
- WATER**
1. ACCEPTABLE PIPE MATERIALS SHALL BE K-COPPER TUBING, (3/4" MIN.)
  2. APPROVED BEDDING TO BE SQUEEGEE.
  3. ONLY ONE COUPLING WILL BE ALLOWED BETWEEN THE SUB-IN AND BUILDING. COMPRESSION COUPLINGS WILL NOT BE ALLOWED ON NEW CONSTRUCTION. SILVER SOLDERED JOINTS MUST BE USED ON SERVICES LARGER THAN 3/4". SILVER SOLDERED JOINTS MUST BE INSPECTED BY PWS BEFORE BURIAL. FLARED COUPLINGS WILL BE ALLOWED ON ALL SERVICES 3/4" AND SMALLER.
  4. A WATER SERVICE WHICH CROSSES A SEWER SERVICE CAN DO SO ONLY AT A 45-90° ANGLE. WATER SERVICES SHALL BE LOCATED A MINIMUM OF 18" ABOVE SEWER SERVICE.
  5. WATER SERVICE FOUNDATION PENETRATIONS SHALL BE WATERPROOFED USING MASTIC OR OTHER APPROVED METHOD. CRAWL SPACE REQUIRES CONTINUOUS COPPER WITH A 1" BURY.
  6. CURB STOP MUST BE PLUMB AND CENTERED OVER THE NUT. IT SHOULD BE STRAPPED TO THE METER PIT (RESIDENTIAL INSTALLATIONS) OR CENTERED OVER THE EASEMENT LINE (COMMERCIAL INSTALLATIONS). THE ASSEMBLY MUST BE AT OR SLIGHTLY ABOVE FINISHED GRADE.
  7. MOVED CURB BOXES MUST BE INSPECTED BY PWS PRIOR TO BURIAL.
  8. WATERLINE MUST BE ATTACHED TO A SUPPORT BOARD THAT IS MOUNTED TO THE WALL.
  9. NO VOIDS ALLOWED UNDER WATERLINES FROM STOP BOX TO FOUNDATION.
  10. CURBSTOP BOXES AND METER PITS CANNOT BE IN DRIVEWAYS.
  11. ONLY 3/4" (JUMPER) PIPES (RESIDENCES) ARE ALLOWED. (JUMPER) PIPES WILL BE REMOVED PRIOR TO METER SET DATE.
  12. ALL SERVICES WILL BE PERMANENTLY MARKED ON CURB FACE AS FOLLOWS:  
"X" FOR SANITARY SEWER SERVICE  
"W" FOR WATER SERVICES
  13. NO SPLICES OR FLARED COUPLINGS ALLOWED ON SERVICES LARGER THAN 3/4". SILVER SOLDERED JOINTS MUST BE INSPECTED BY PWS PRIOR TO BURIAL. FLARED COUPLINGS WILL BE ALLOWED ON ALL SERVICES 3/4" AND SMALLER.

PARKER WATER & SANITATION DISTRICT	
DISTRICT POLICIES & INSTALLATION NOTES FOR WATER SERVICES	
SCALE: NONE	DATE: 2/96
APPROVED: 1/16	1/16
PVR	10/16
DIRECTOR OF ENGINEERING	

2016 REVISION

SHEET W1.1



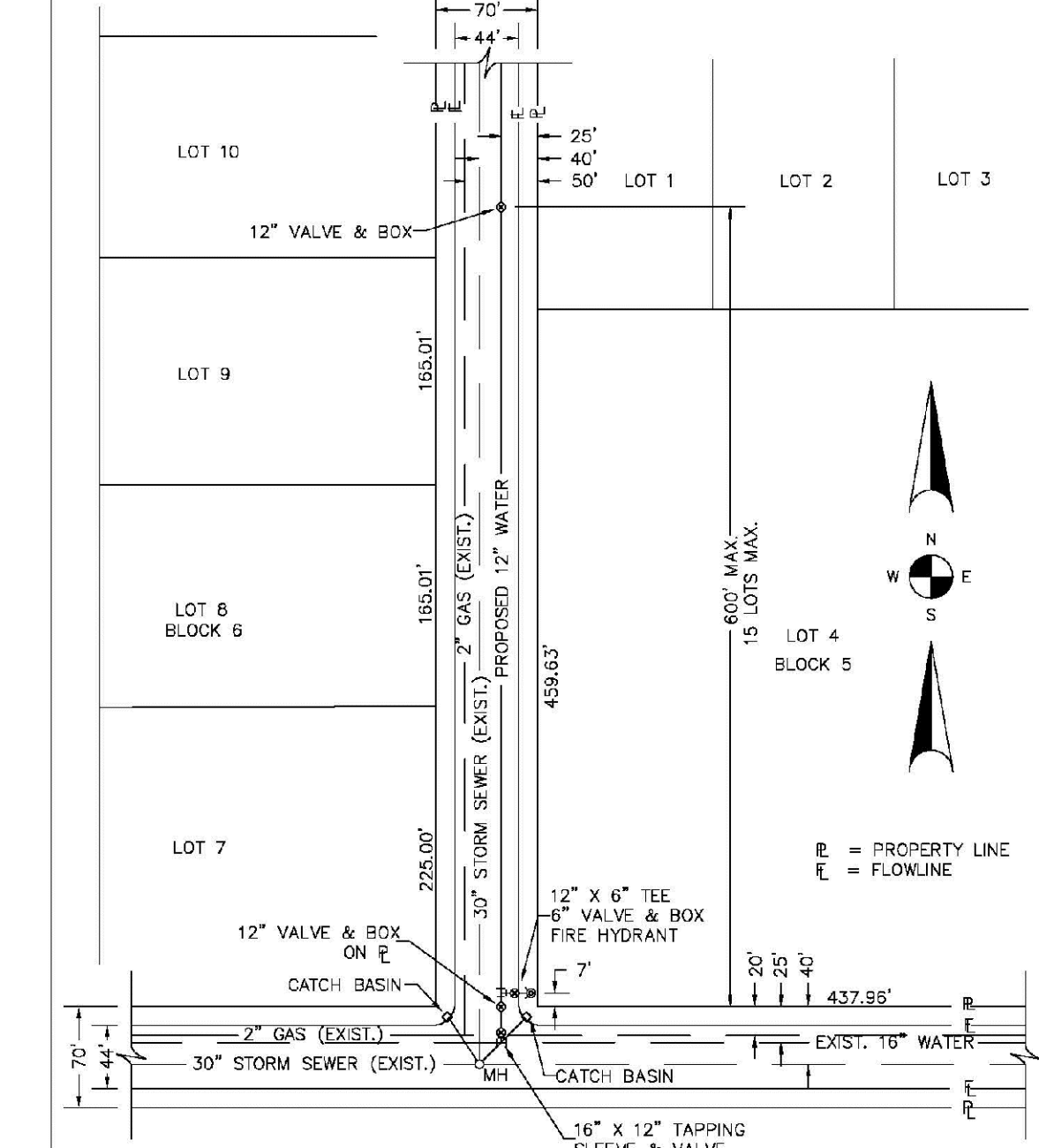
**NOTE:**

1. SEE SHEET W1.1 FOR DISTRICT POLICIES AND INSTALLATION NOTES.
2. REFER TO SEWER SERVICES DETAIL SHEET S1.2.
3. 4" PVC SLEEVES REQUIRED FOR SERVICE LINES UNDER CONCRETE SURFACE.

PARKER WATER & SANITATION DISTRICT	
TYPICAL WATER SERVICES	
SCALE: NONE	DATE: 2/96
APPROVED: 1/04, 10/16	09/06, 12/07, 1/16
PVR	
DIRECTOR OF ENGINEERING	

2016 REVISION

SHEET W1.2



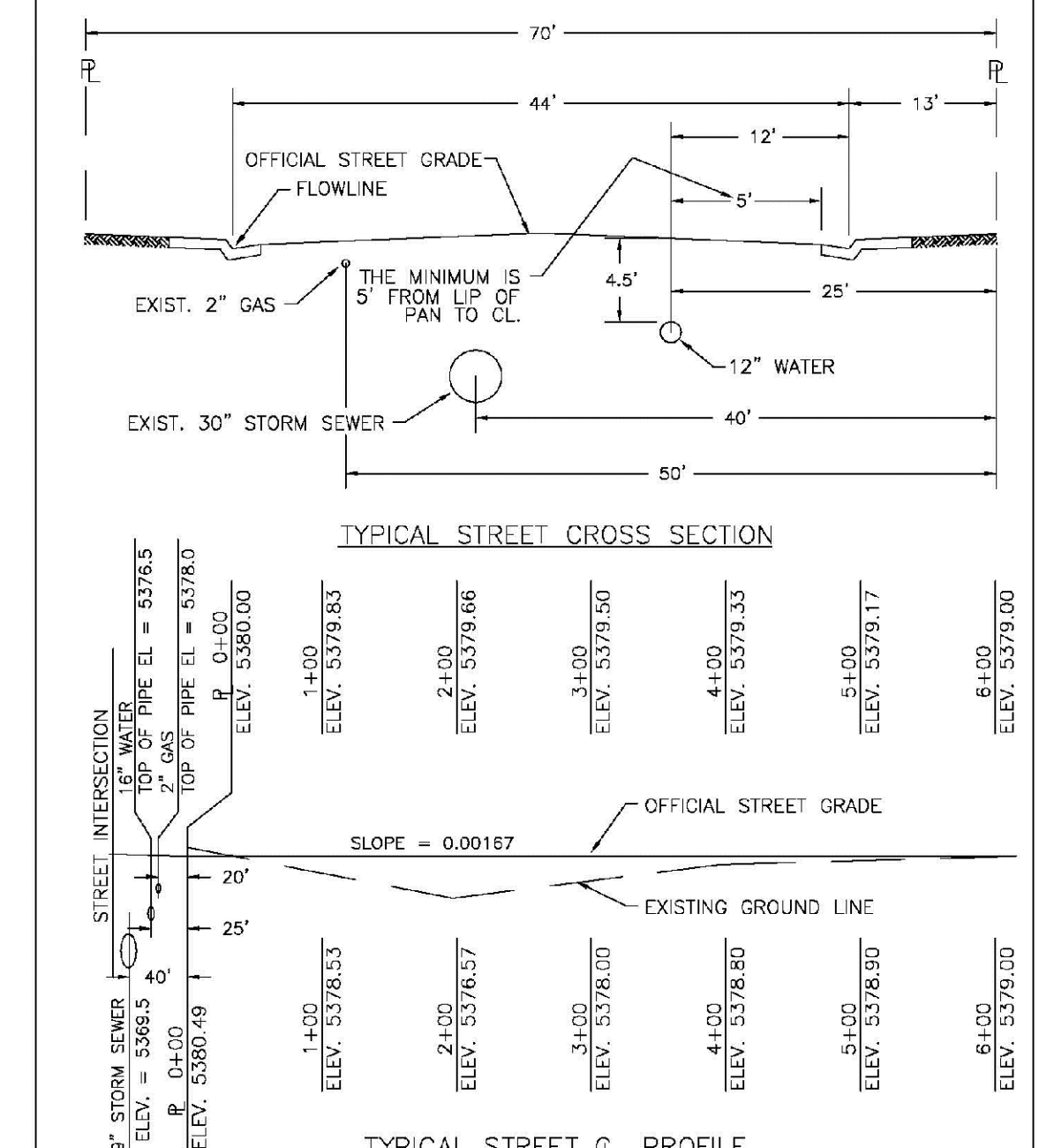
**NOTES:**

1. SEE "TYPICAL STREET CROSS SECTION - TYPICAL STREET CL PROFILE" DRAWING.
2. ALL FIRE HYDRANTS TO BE LOCATED AT POINTS OTHER THAN CORNER INTERSECTIONS SHALL BE INSTALLED AT A LOT LINE EXTENDED.

PARKER WATER & SANITATION DISTRICT	
WATER DISTRIBUTION SYSTEM TYPICAL PLAN	
SCALE: NONE	DATE: 2/96
APPROVED: 1/16	10/16
PVR	
DIRECTOR OF ENGINEERING	

2016 REVISION

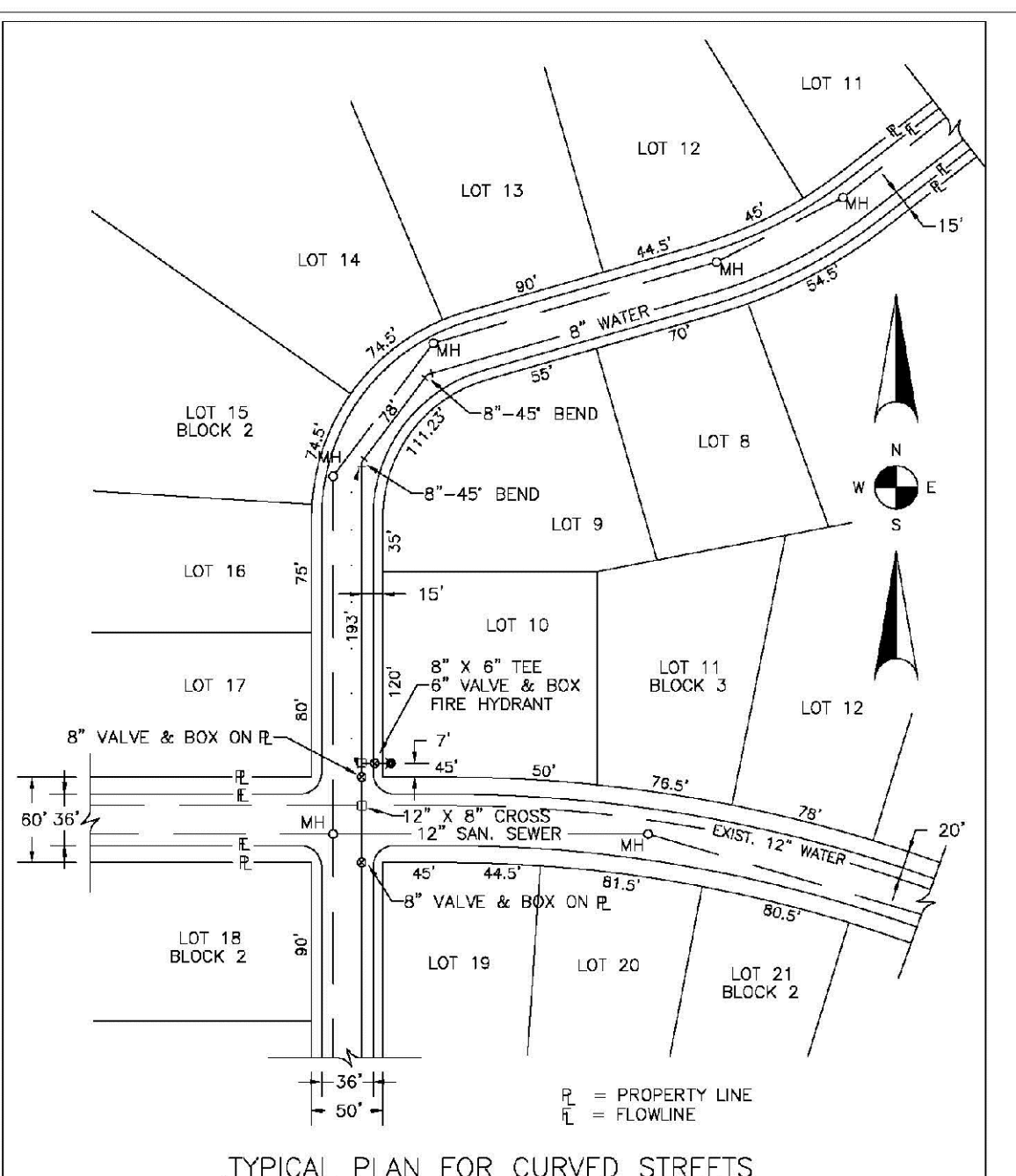
SHEET W2.1



PARKER WATER & SANITATION DISTRICT	
TYPICAL STREET CROSS SECTION TYPICAL STREET CL PROFILE	
SCALE: NONE	DATE: 2/96
APPROVED: 1/16	10/16
PVR	
DIRECTOR OF ENGINEERING	

2016 REVISION

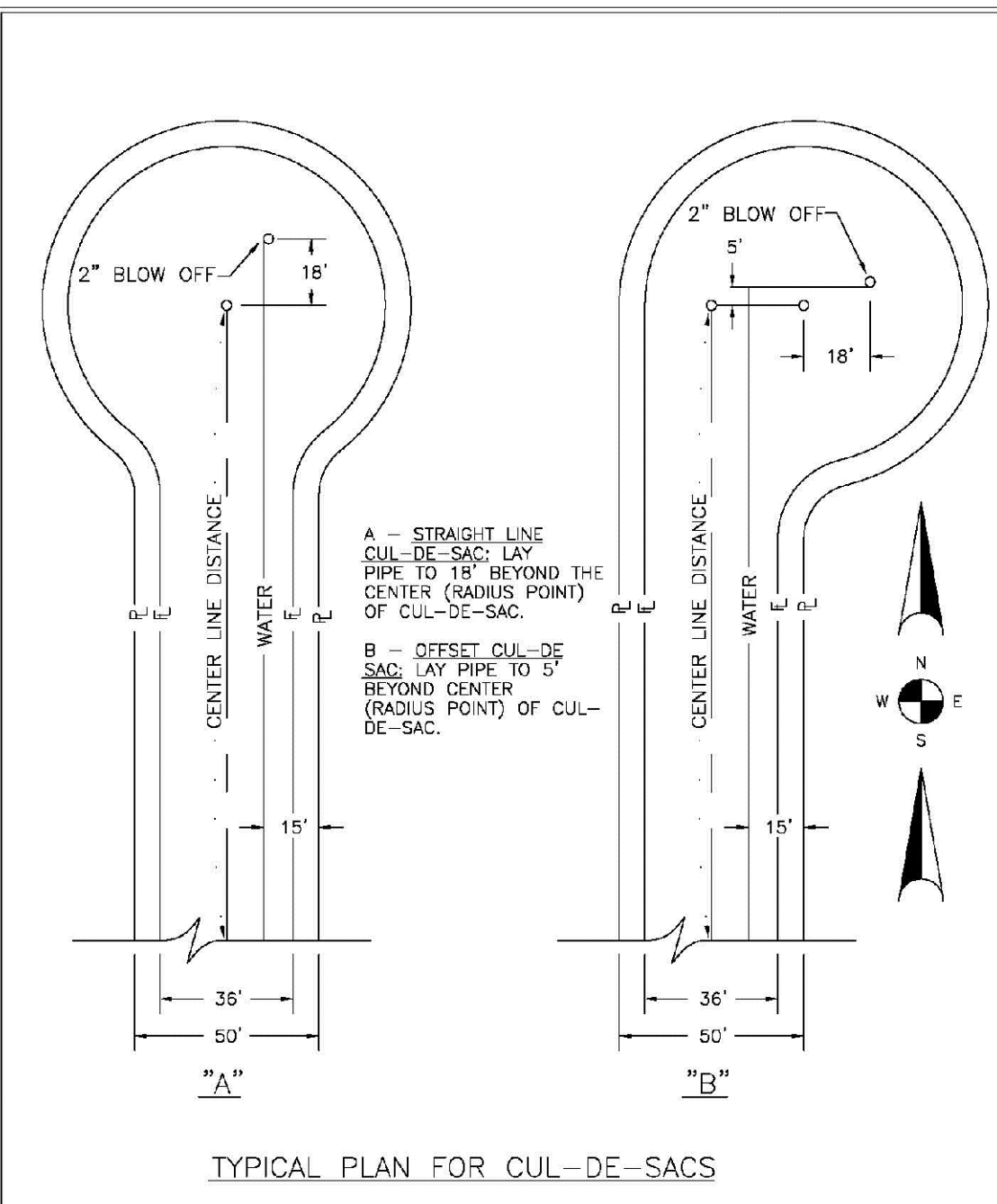
SHEET W2.2



PARKER WATER & SANITATION DISTRICT	
WATER DISTRIBUTION SYSTEM TYPICAL PLAN FOR CURVED STREETS	
SCALE: NONE	DATE: 2/96
APPROVED: 1/16	10/16
PVR	
DIRECTOR OF ENGINEERING	

2016 REVISION

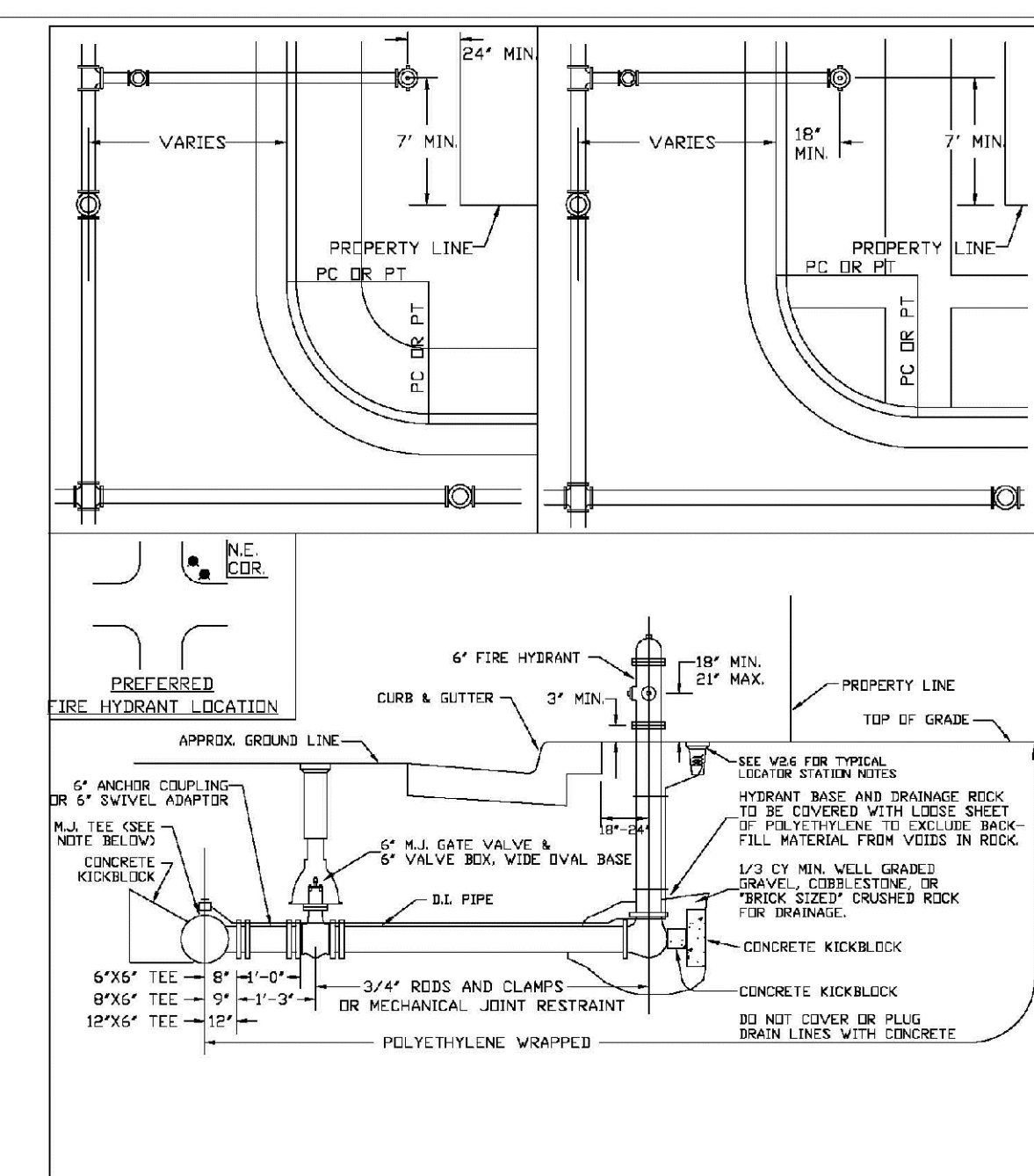
SHEET W3.3



PARKER WATER & SANITATION DISTRICT	
WATER DISTRIBUTION SYSTEM TYPICAL PLAN FOR CUL-DE-SACS	
SCALE: NONE	DATE: 2/96
APPROVED: 1/16	10/16
PVR	
DIRECTOR OF ENGINEERING	

2016 REVISION

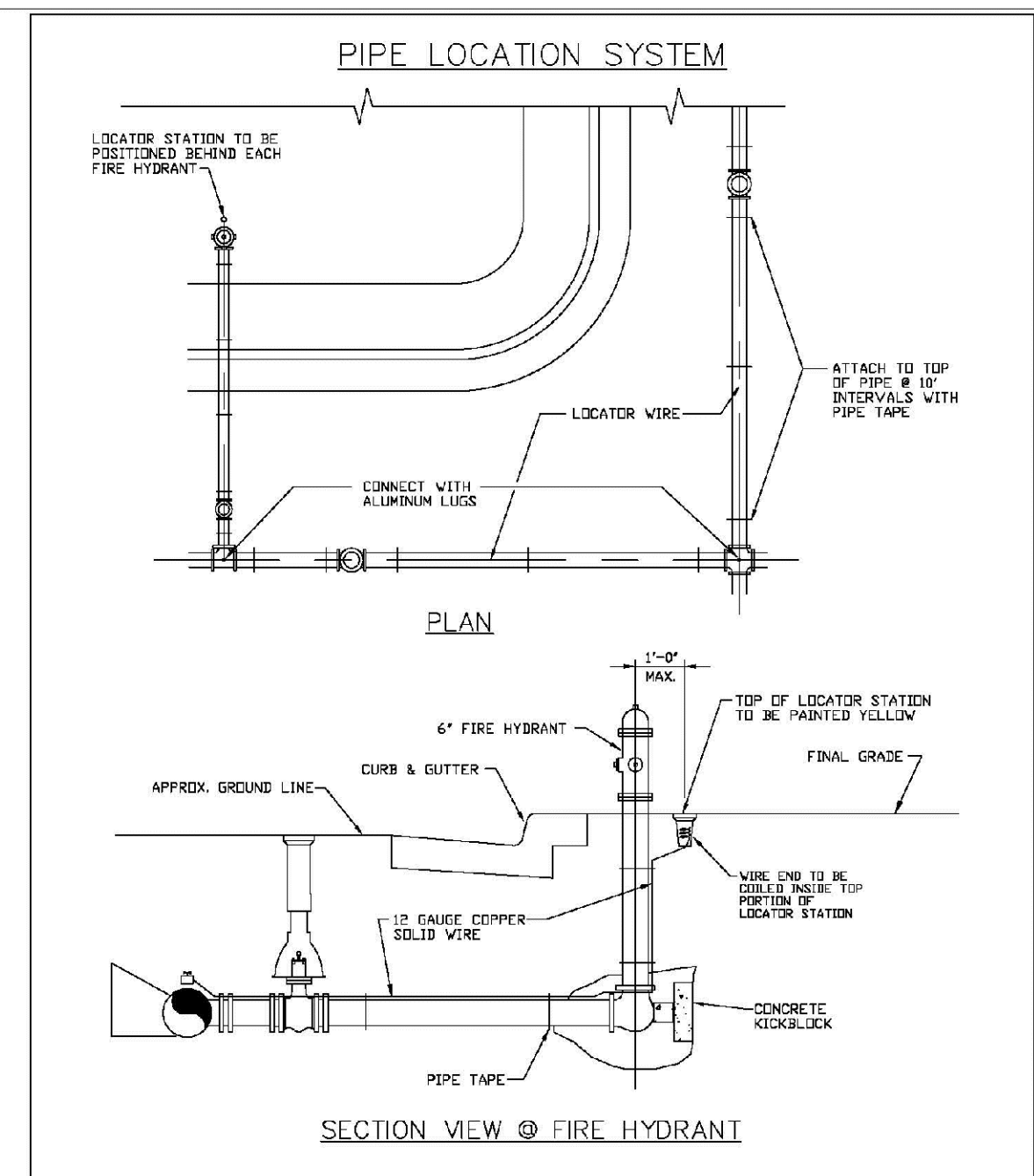
SHEET W2.4



PARKER WATER & SANITATION DISTRICT	
FIRE HYDRANTS LOCATION & INSTALLATION	
SCALE: NONE	DATE: 2/96
APPROVED: 4/01, 10/16	01/02, 10/07, 1/16
PVR	
DIRECTOR OF ENGINEERING	

2016 REVISION

SHEET W3.5



PARKER WATER & SANITATION DISTRICT	
LOCATOR WIRE DETAILS	
SCALE: NONE	DATE: 2/96
APPROVED: 4/01, 10/16	01/02, 10/07, 1/16
PVR	
DIRECTOR OF ENGINEERING	

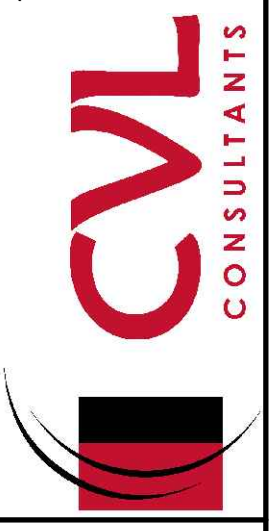
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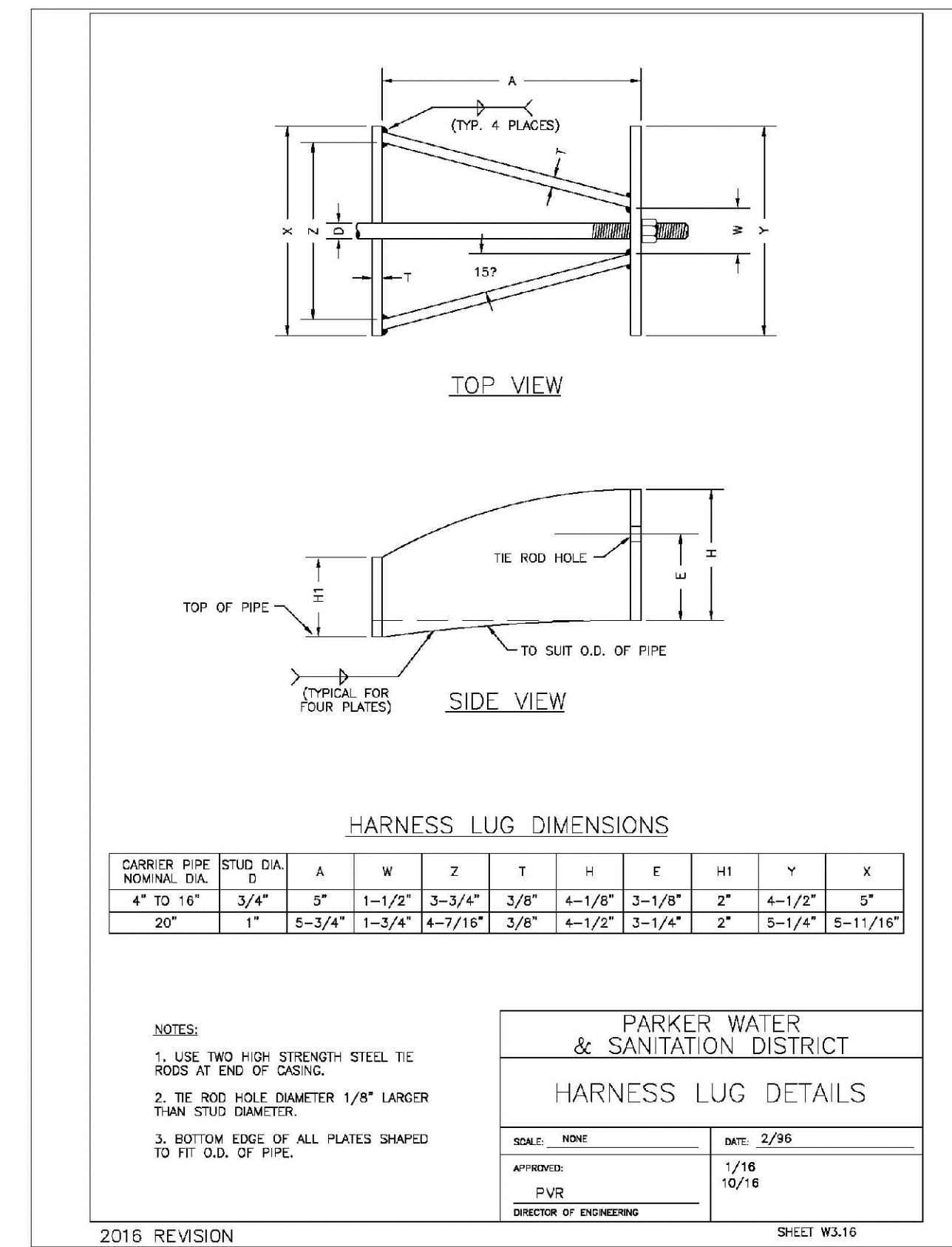
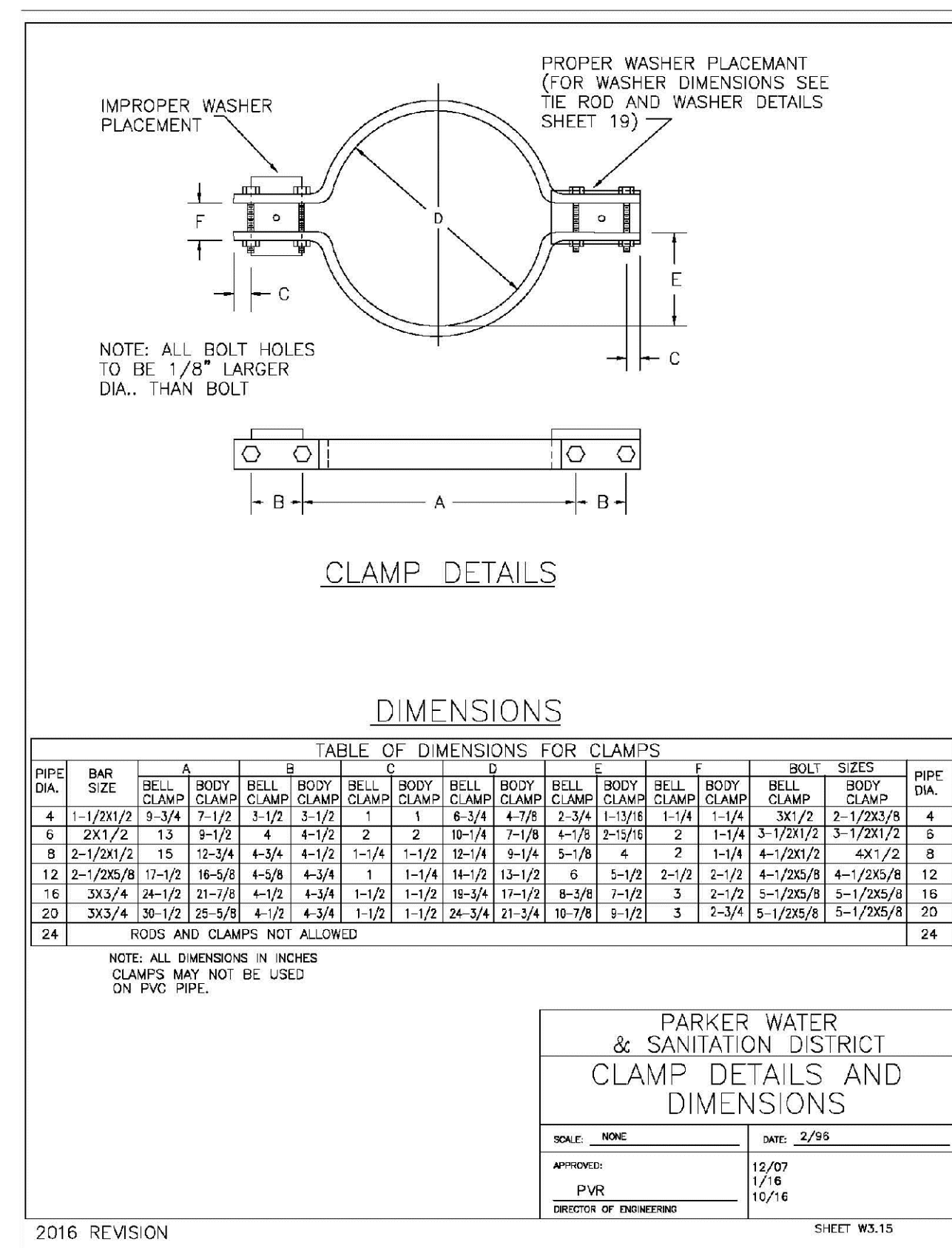
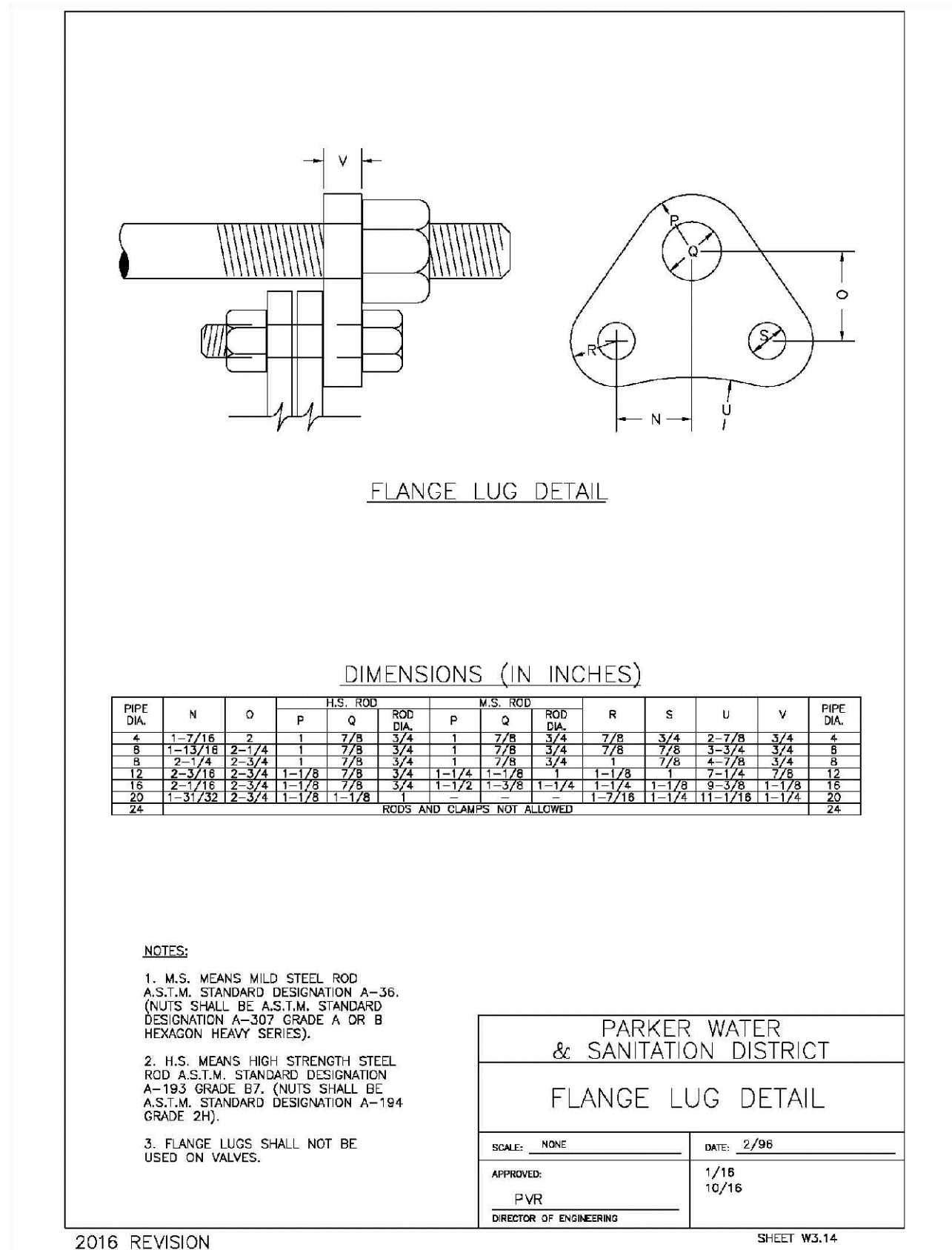
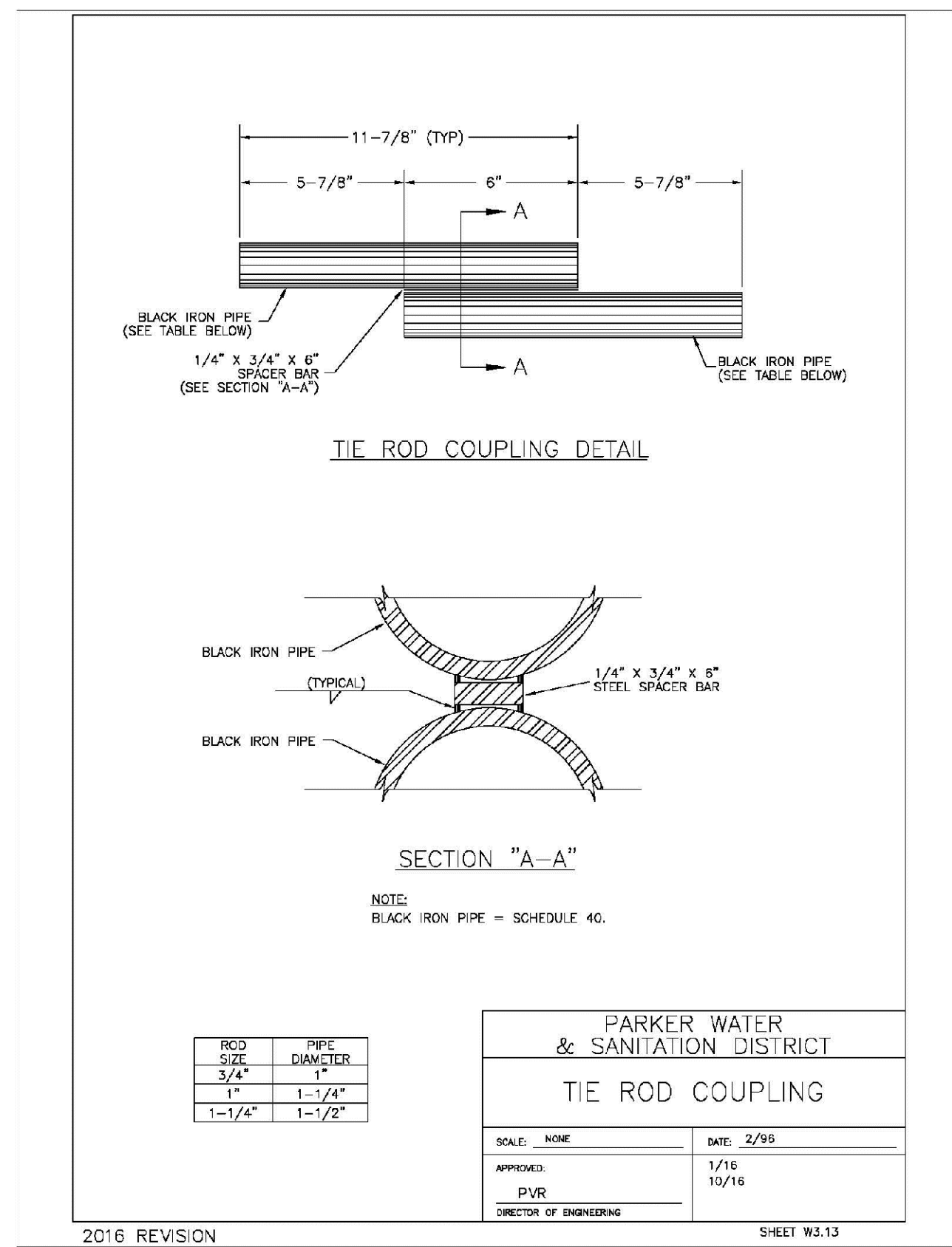
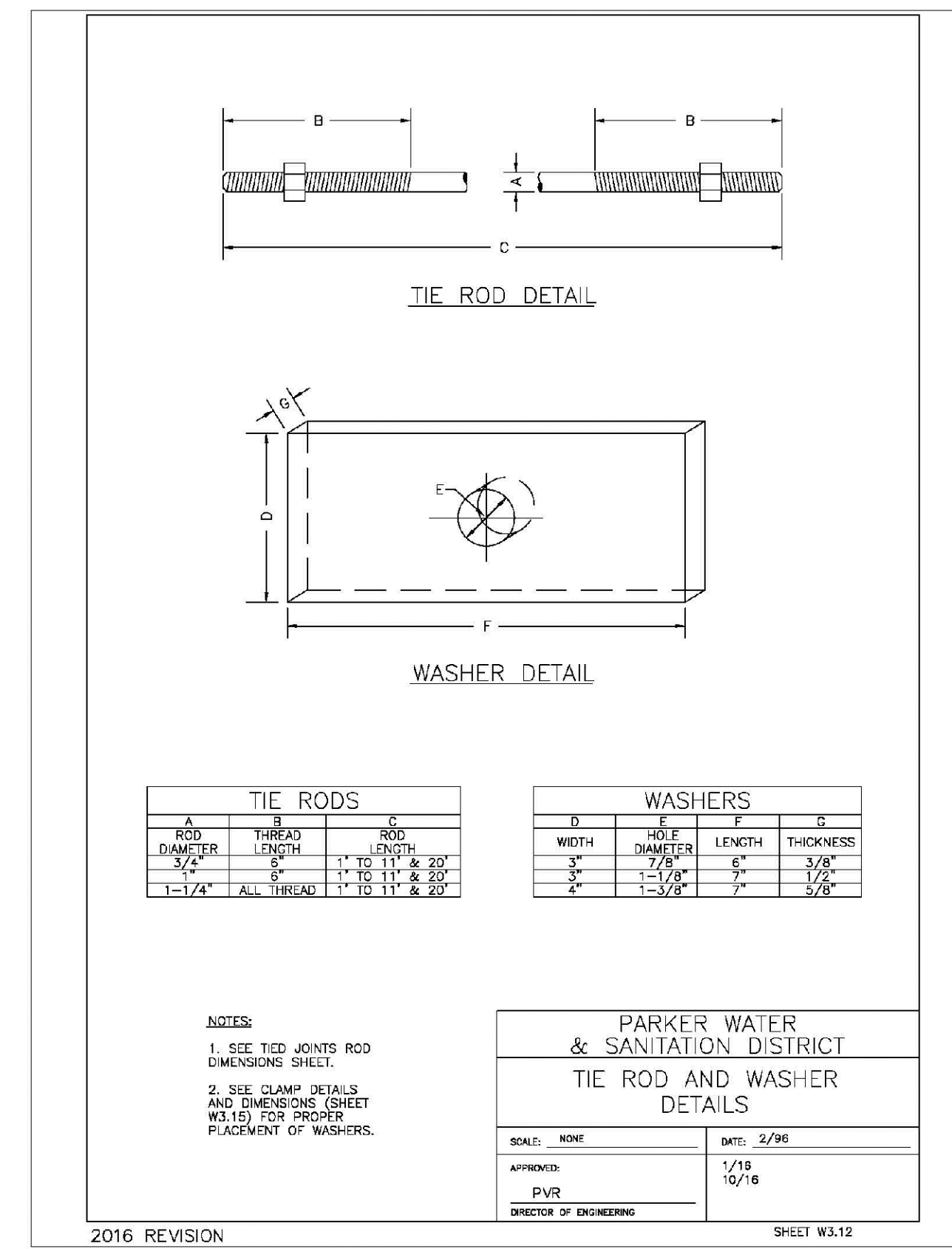
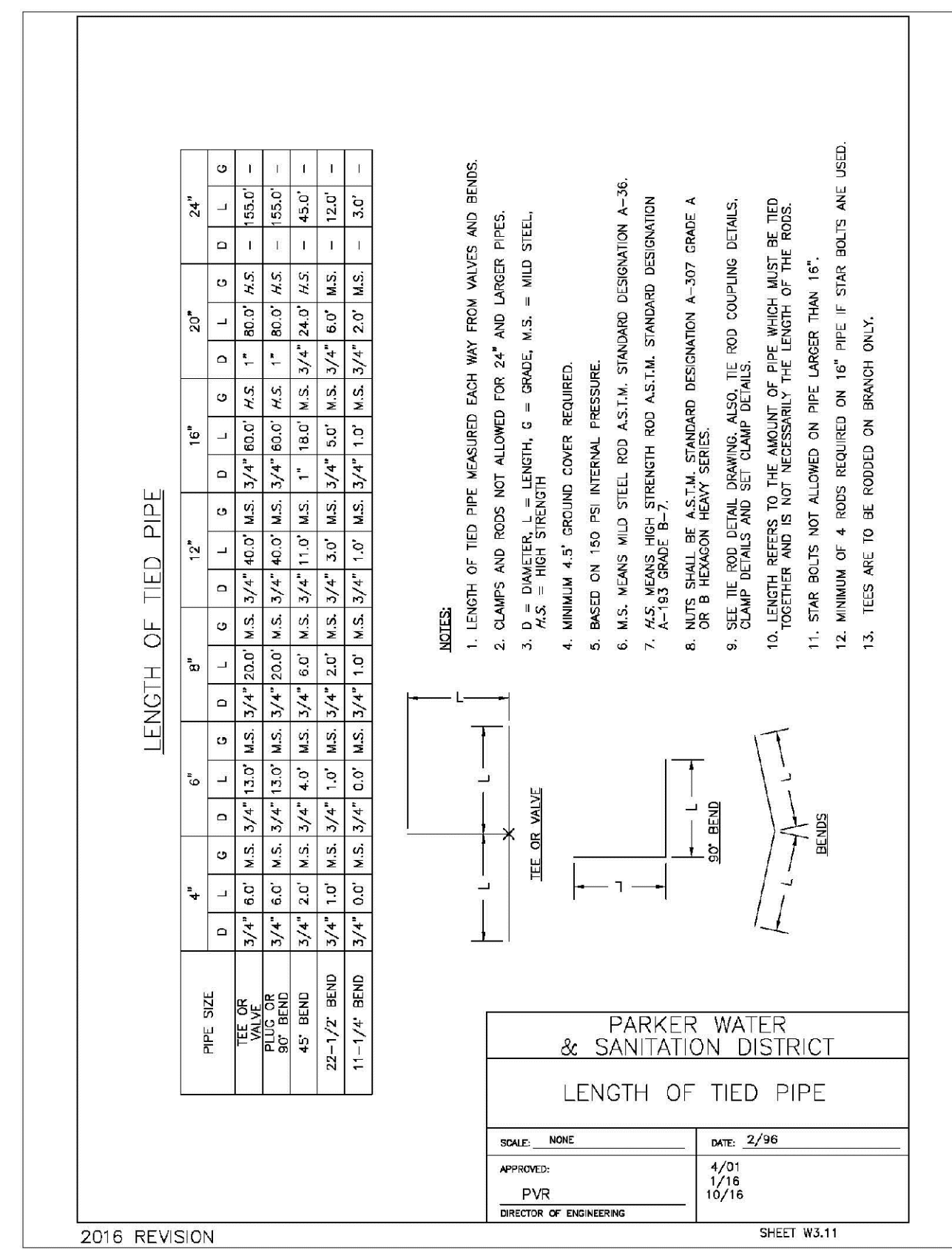
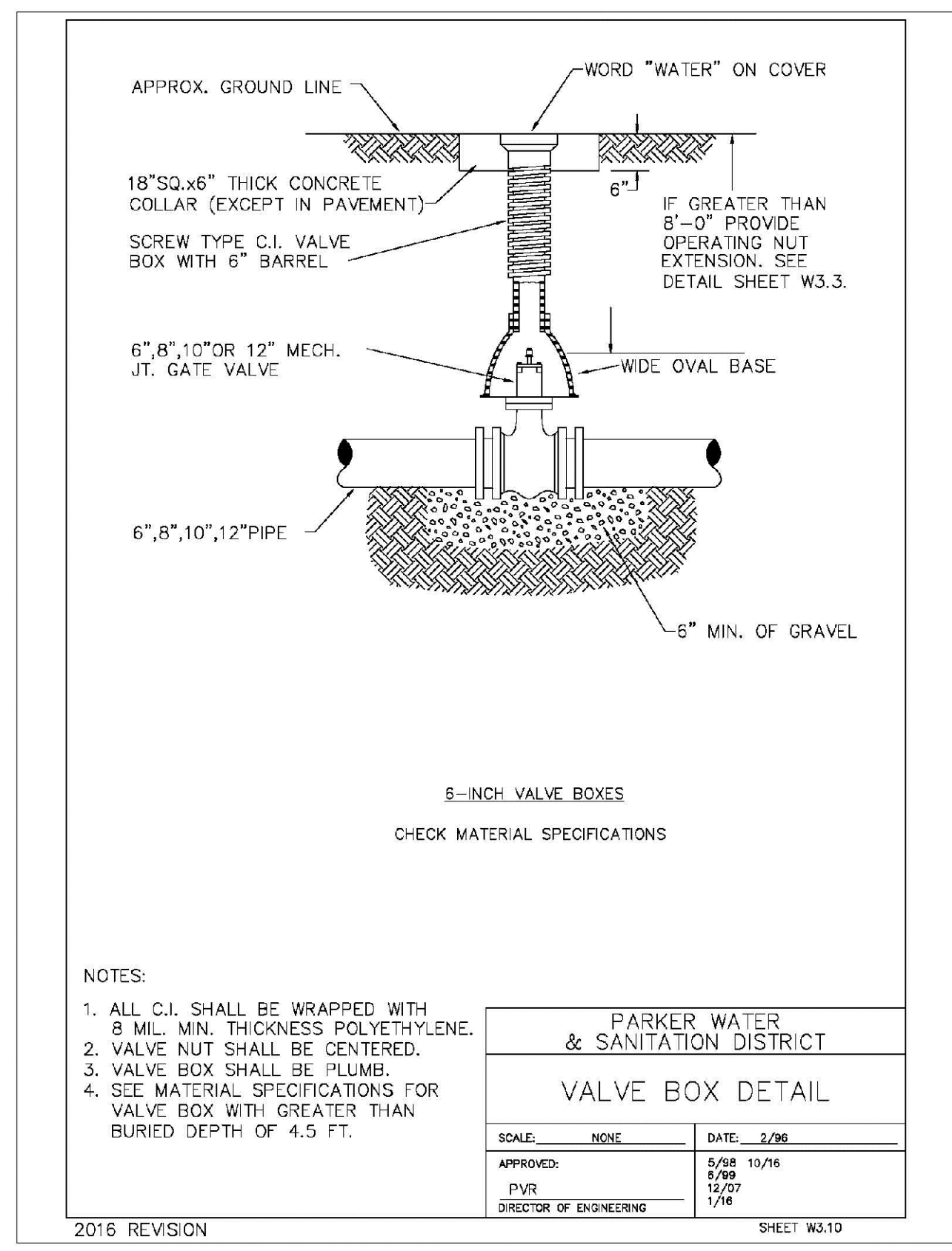
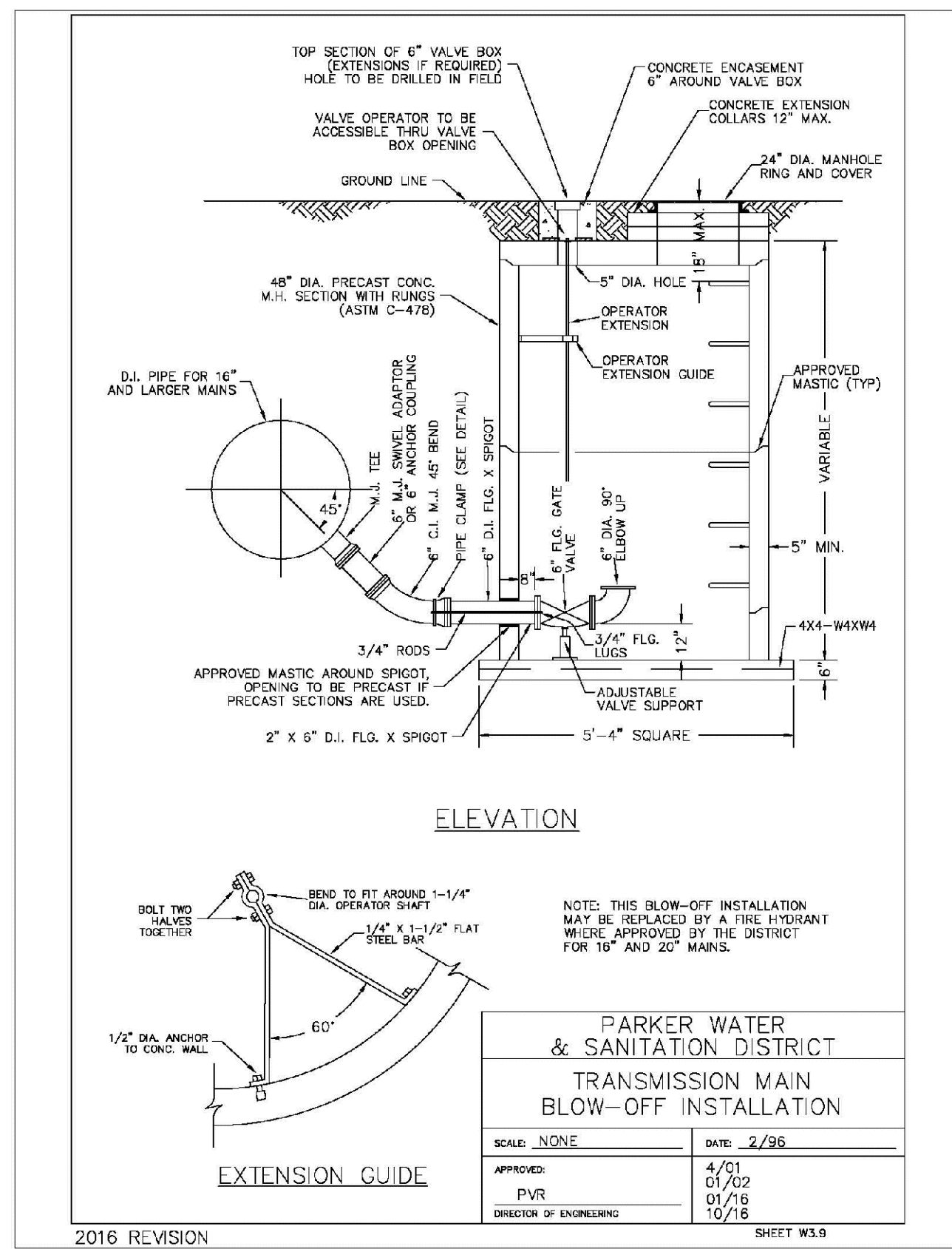
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				TRAILS AT CROWFOOT FILING 3 CONSTRUCTION DRAWINGS WATER DETAILS	HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112				
17									







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**CVL CONSULTANTS**

HR 935 LLC  
7353 South Alton Way  
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT  
FILING 3 CONSTRUCTION DRAWINGS  
WATER DETAILS

SCALE: AS SHOWN  
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SHEET NUMBER: 19

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