

MONUMENT RIDGE EAST FILING NO. 1
WATER, SANITARY SEWER, AND SANITARY SEWER FORCE MAIN
PLAN & PROFILES
EL PASO COUNTY, COLORADO

GENERAL NOTES:

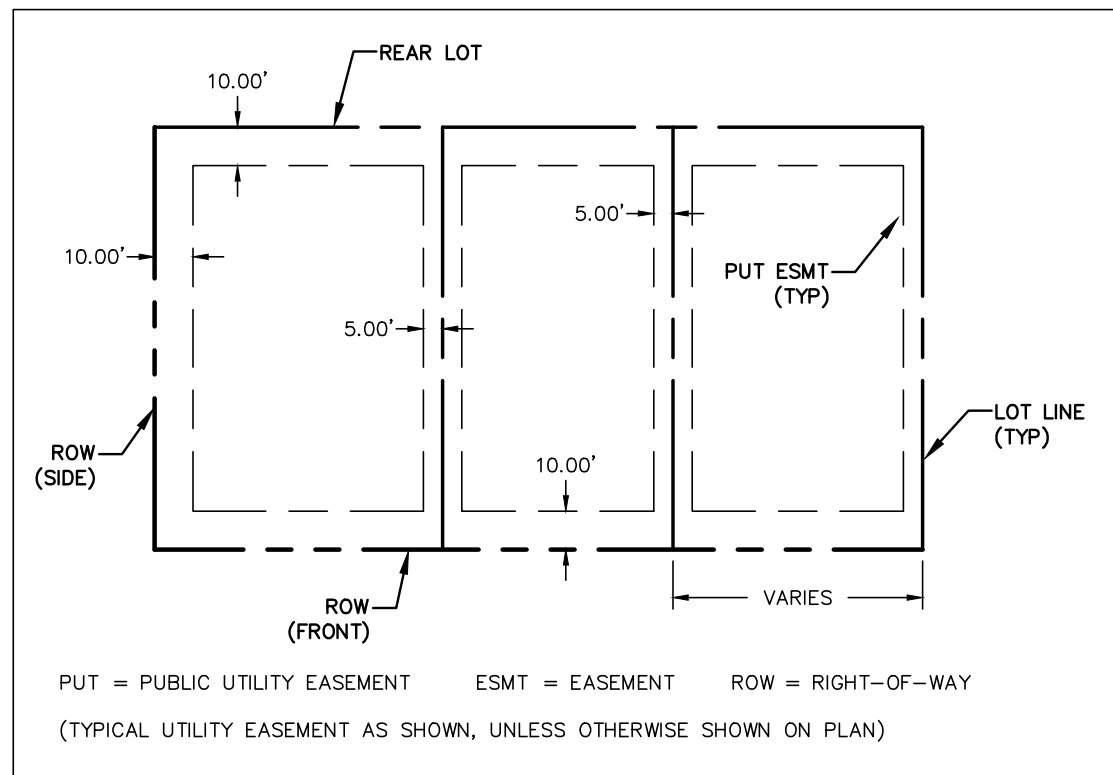
- ALL MATERIALS AND INSTALLATION PROCEDURES WILL COMPLY WITH THE SYSTEM SPECIFICATIONS AND THE RULES AND REGULATIONS OF WOODMOOR WATER AND SANITATION DISTRICT NO. 1.
- DEVELOPER/OWNER OR CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND OBTAINING ANY AND ALL PERMITS REQUIRED TO PERFORM THE WORK FROM ALL APPLICABLE REGULATORY AGENCIES OR ENTITIES HAVING JURISDICTION AND WILL PERFORM THE WORK IN ACCORDANCE WITH ANY AND ALL APPLICABLE ORDINANCES, REGULATIONS, LAWS, AND PERMITS ISSUED BY SUCH ENTITIES OR AGENCIES.
- CONTRACTOR SHALL POTHOLE AND FIELD VERIFY ELEVATIONS, PIPE SIZE, TYPE, ALIGNMENT, ETC. OF EXISTING WATER LINES AT ALL NOTED CONNECTION POINTS TO THE DISTRICT'S SYSTEM.
- IN CASE OF CONFLICT BETWEEN THESE PLANS AND THE SYSTEM SPECIFICATIONS, CONSULT THE DISTRICT PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL SCHEDULE REQUIRED TESTS WITH THE DISTRICT A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO PERFORMING SCHEDULED TESTS FOR OBSERVATION BY DISTRICT PERSONNEL.
- BYPASS PUMPING OF EXISTING SANITARY SEWER FLOWS IS REQUIRED WHEN CONNECTING TO THE DISTRICT'S EXISTING SEWER SYSTEM. CONTRACTOR SHALL PROVIDE 100% REDUNDANT PUMPING CAPACITY WITH CONTINUOUS SUPERVISION DURING PUMPING OPERATIONS. CONTRACTOR SHALL COORDINATE TIMING, LOCATION, ETC. OF BYPASS PUMPING OPERATIONS WITH THE DISTRICT PRIOR TO COMMENCING PUMPING OPERATIONS.

WATER AND SEWER SERVICE LINE NOTES:

- SANITARY SEWER SERVICE TAP CONNECTIONS WILL BE LOCATED A MINIMUM OF 5 FEET AWAY FROM ANY MANHOLE, EXISTING SEWER TAP, OR PIPE BELL.
- FOR NEW INSTALLATIONS OF SANITARY SEWER MAINLINE, SEWER SERVICE TAP CONNECTIONS TO BE INSTALLED ON THE MAIN WITH A GASKET WYE OR TEE FITTING. FOR SERVICE TAP CONNECTIONS TO EXISTING SEWER MAINLINES, A SEWER SERVICE SADDLE TAP MAY BE INSTALLED.
- SEWER SERVICE LINES/STUBS WILL BE INSTALLED SUCH THAT A SEWER SERVICE CLEAN OUT IS LOCATED 5 FEET INTO THE PROPERTY OR CENTERED IN THE FRONT LOT EASEMENT, WHICHEVER IS LESS, AND BE LOCATED A MINIMUM OF 10 FEET AWAY FROM ANY SIDE LOT LINE. TRACER WIRE FROM THE SEWER TAP AT THE MAIN TO THE CLEAN OUT AT THE PROPERTY LINE SHALL BE INSTALLED, AND A METAL TEE POST WILL BE INSTALLED NEXT TO THE CLEAN OUT FOR PROTECTION AND EASE OF LOCATION.
- A MINIMUM OF 10 FEET OF HORIZONTAL SEPARATION MUST BE MAINTAINED BETWEEN WATER SERVICE LINES AND SEWER SERVICE LINES.
- WATER SERVICE LINES/STUBS WILL BE 3/4-INCH IN DIAMETER UNLESS OTHERWISE NOTED AND INSTALLED SUCH THAT THE CURB STOP IS LOCATED 5 FEET INTO THE PROPERTY OR CENTERED IN THE FRONT LOT EASEMENT, WHICHEVER IS LESS, AND A MINIMUM OF 10 FEET FROM ANY SEWER SERVICE LINE OR SEWER CLEAN OUT.
- CURB STOPS AND BOXES SHALL BE BURIED SUCH THAT 6- FEET ($\pm$ 0') OF COVER EXISTS AS MEASURED FROM FINISHED GRADE TO THE TOP OF THE SERVICE LINE. A METAL TEE POST WILL BE INSTALLED AT THE CURB STOP BOX FOR PROTECTION AND EASE OF LOCATION.
- WATER SERVICE TAPS WILL NOT BE LOCATED ON A FIRE HYDRANT LATERAL OR WITHIN 30 INCHES FROM A PIPE BELL, VALVE, OR MECHANICAL JOINT CONNECTION. WATER TAPS WILL MAINTAIN MINIMUM 5 FOOT SPACING FROM OTHER TAPS ON THE WATER MAIN.
- DIRECT TAPPING OF WATER SERVICE LINE CORPORATION STOPS (E.G., NO SADDLE) WILL NOT BE PERMITTED ON ANY PIPE TYPE EXCEPT NEW DUCTILE IRON PIPE INSTALLATIONS.

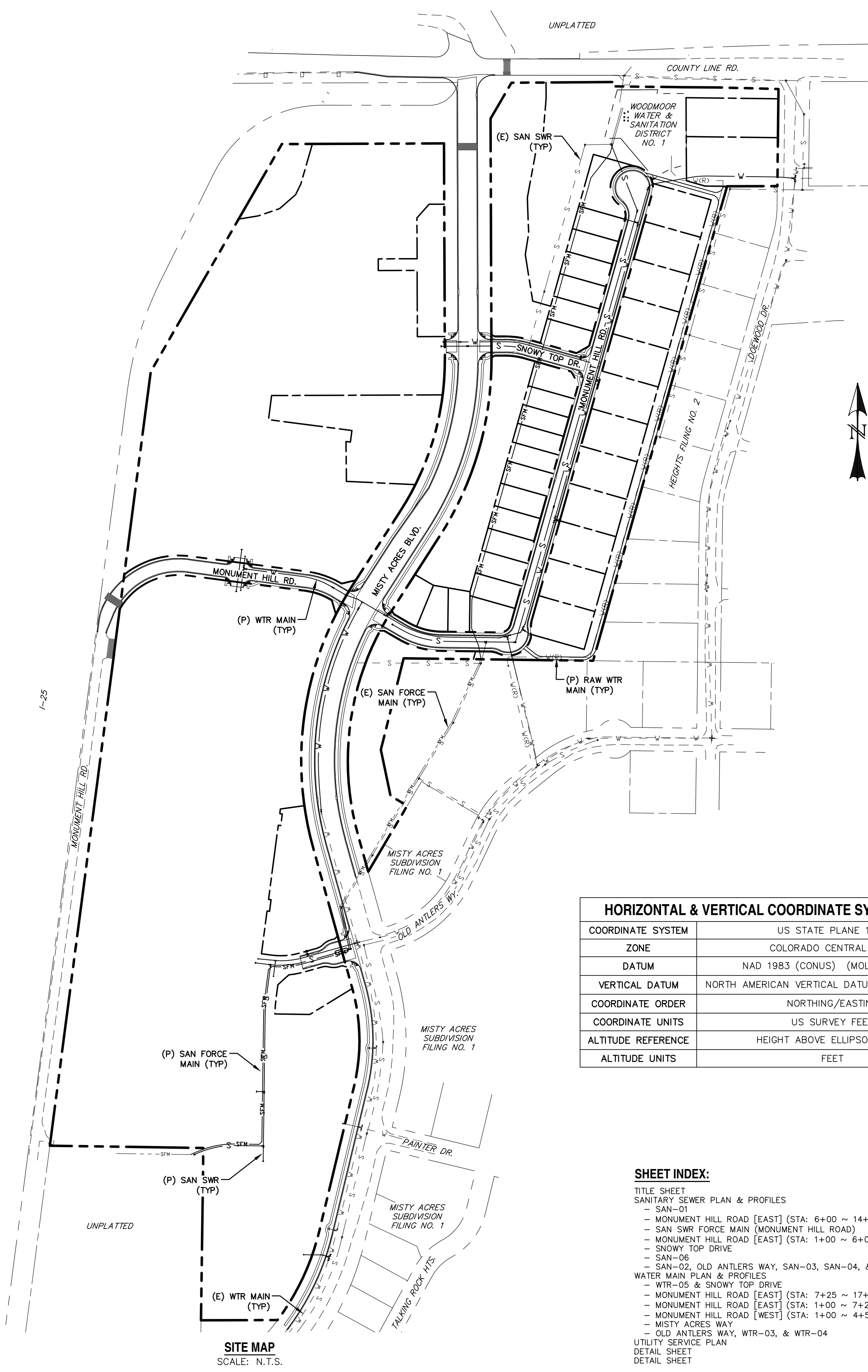
LEGEND

EXISTING	(E)
PROPOSED	(P)
CURB AND GUTTER	C&G
EASEMENT	ESMT
DRAINAGE	DR
PUBLIC IMPROVEMENT	PI
PUBLIC	PUB
PRIVATE	PVT
UNDERGROUND	UG
UTILITY	UT
SANITARY	SAN
SEWER	SWR
FORCE MAIN	SFM
WATER	WTR
UNDERDRAIN	UD
MATCH EXISTING	[M]
BOUNDARY	---
RIGHT-OF-WAY	---
LOT LINE	---
EASEMENT	---
(E) UG ELECTRIC	---
(E) GAS MAIN	---
(E) FIBER OPTIC	---
(E) OVERHEAD UTILITY	---
(E) STORM SEWER, INLET, MH	---
(E) SANITARY MAIN, MH	---
(E) SANITARY FORCE MAIN	---
(E) WATER MAIN, VALVE, FH	---
(E) RAW WATER MAIN	---
(P) SANITARY MAIN, MH	---
(P) SANITARY FORCE MAIN	---
(P) STORM SEWER, INLET, MH	---
(P) WATER MAIN, VALVE, FH	---



SINGLE FAMILY LOT UTILITY EASEMENTS

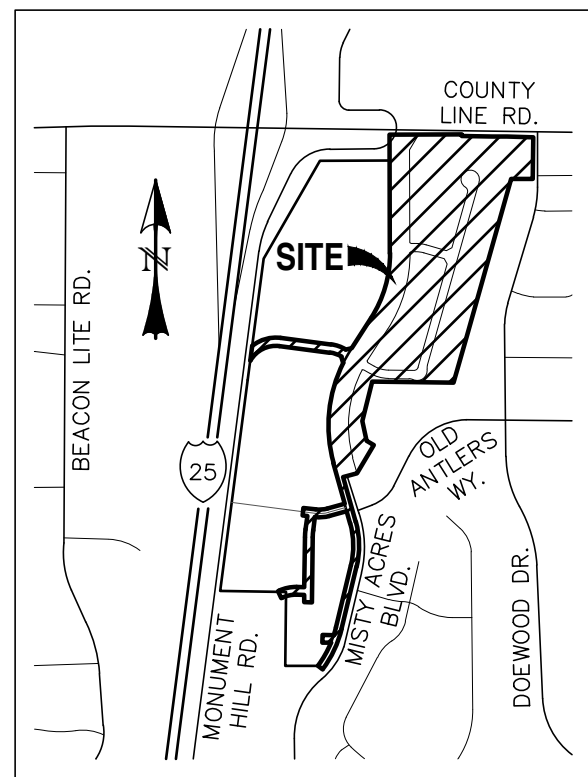
SCALE: N.T.S.



HORIZONTAL & VERTICAL COORDINATE SYSTEM DATA	
COORDINATE SYSTEM	US STATE PLANE 1983
ZONE	COLORADO CENTRAL 0502
DATUM	NAD 1983 (CONUS) (MOLONDENSKY)
VERTICAL DATUM	NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88)
COORDINATE ORDER	NORTHING/EASTING
COORDINATE UNITS	US SURVEY FEET
ALTITUDE REFERENCE	HEIGHT ABOVE ELLIPSOID (HAE)
ALTITUDE UNITS	FEET

SHEET INDEX:

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SANITARY SEWER PLAN & PROFILES	
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WATER MAIN PLAN & PROFILES	
WTR-05 & SNOWY TOP DRIVE	6 OF 12
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MONUMENT HILL ROAD [EAST] (STA: 1+00 ~ 7+25 & WTR-01	8 OF 12
MONUMENT HILL ROAD [WEST] (STA: 1+00 ~ 6+00) & WTR-02	8 OF 12
MISTY ACRES WAY	9 OF 12
OLD ANTILERS WAY, WTR-03, & WTR-04	9 OF 12
UTILITY SERVICE PLAN	10 OF 12
DETAIL SHEET	11 OF 12
DETAIL SHEET	12 OF 12



VICINITY MAP

SCALE: N.T.S.

ENGINEERS STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE DISTRICT RULES AND REGULATIONS AND SYSTEM SPECIFICATIONS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR UTILITY FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

OWNER STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THESE UTILITY CONSTRUCTION PLANS AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

FIRE AUTHORITY APPROVAL:

THE NUMBER OF FIRE HYDRANTS AND HYDRANT LOCATIONS AS SHOWN ON THE WATER PLAN SHEETS ARE CORRECT AND ADEQUATE TO SATISFY THE FIRE PROTECTION REQUIREMENTS AS SPECIFIED BY THE FIRE DISTRICT SERVING THE PROPERTY ON THE PLANS.

FIRE PROTECTION DISTRICT:

SIGNED:

EL PASO COUNTY:

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL, AS AMENDED.

IN ACCORDANCE WITH EGM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

JOSHUA J. PALMER, P.E.
COUNTY ENGINEER / EGM ADMINISTRATOR

DATE

WOODMOOR WATER AND SANITARY DISTRICT NO. 1

APPROVED FOR CONSTRUCTION

DATE BY

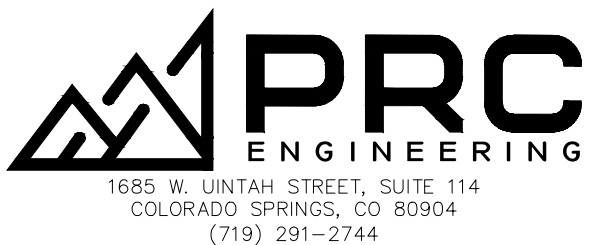
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REV.	DESCRIPTION	DATE
1	ADDRESS AGENCY COMMENTS	11/04/25
2	ADDRESS AGENCY COMMENTS	12/31/25
3	ADDRESS AGENCY COMMENTS	01/06/26
4	ADDRESS AGENCY COMMENTS	05/11/26
5	ADDED EL PASO COUNTY REQUESTED SIGNATURE BLOCKS	06/24/26



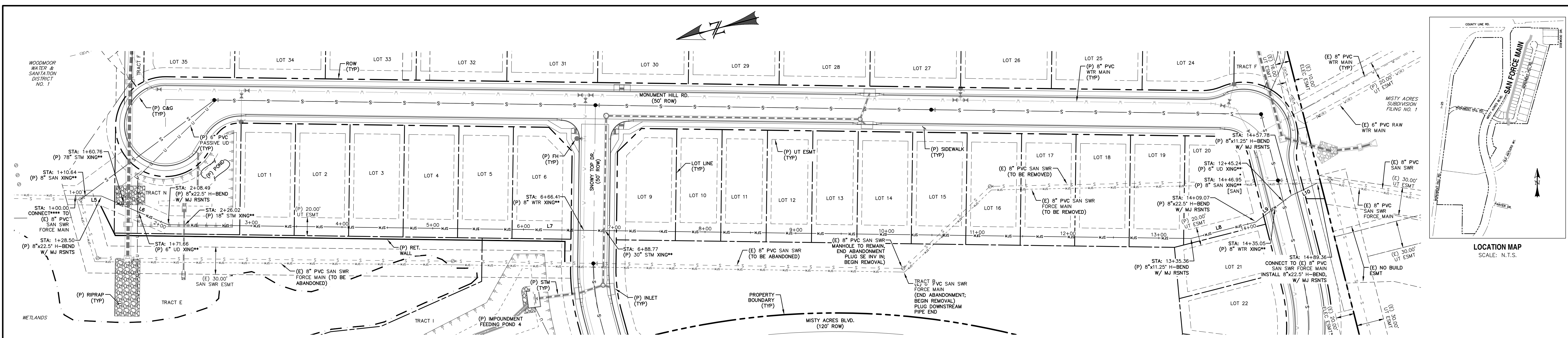
Know what's below.
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For more details visit:
www.call811.com

PREPARED FOR:
MONUMENT RIDGE EAST, LLC
5055 LIST DRIVE
COLORADO SPRINGS, CO 80919

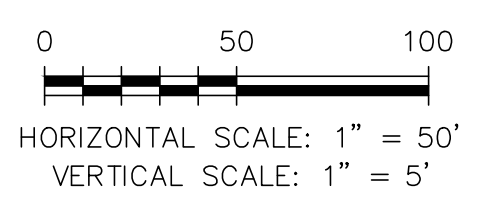


MONUMENT RIDGE EAST
FILING NO. 1
UTILITY CONSTRUCTION DRAWINGS

DESIGNED BY:	MGP	DRAWN BY:	MGP
SCALE:	N/A	DATE:	04/28/25
JOB NUMBER	24-001	SHEET	1 OF 12



- NOTES:**
- THE 8" GRAVITY MAIN SHALL BE SDR 35 PVC OR SDR 26. THE 8" FORCE MAIN SHALL BE C900 PVC DR14.
 - FOR PIPELINES THAT ARE TO BE PLACED IN THE SAME TRENCH, A 4' HORIZONTAL SEPARATION WILL BE MAINTAINED, CENTERLINE TO CENTERLINE. THE 8" FORCE MAIN IS TO BE LAID AT THE SAME ELEVATION AS THE 8" GRAVITY MAIN UNLESS OTHERWISE NOTED.
 - FOR MAINS IN PROPOSED STREETS, STATIONING IS RELATIVE TO STREET'S CENTERLINE.
 - FOR MAINS NOT ASSOCIATED WITH A PROPOSED STREET, STATIONING IS RELATIVE TO THE MAIN'S CENTERLINE.
- THE LOCATION OF ALL EXISTING UTILITIES (HORIZONTAL & VERTICAL) SHALL BE FIELD VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION.
 - SEE PROFILE FOR CROSSING INFORMATION.
 - LENGTH OF PIPE DOES NOT EQUAL DIFFERENCE IN STATIONING.
 - REMOVE APPROX. 20 LF OF EXISTING SAN SWR FORCE MAIN & PLUG UPSTREAM PIPE. BEGIN ABANDONMENT OF FORCE MAIN.



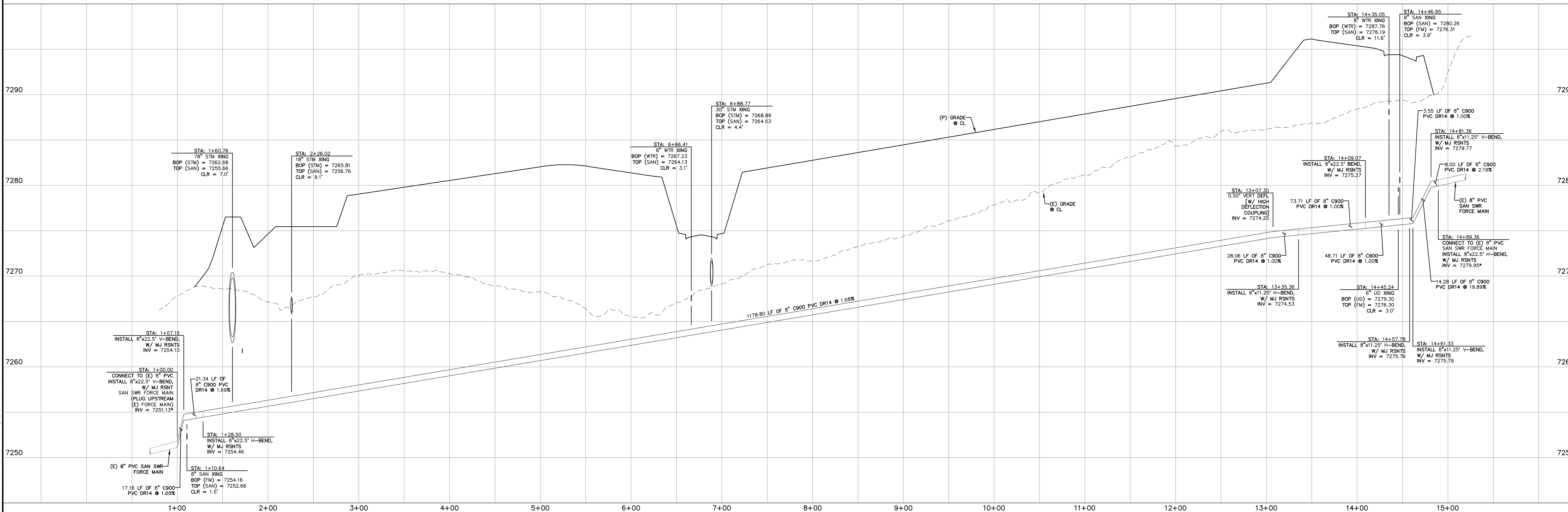
LINE TABLE - FORCE MAIN		
LINE	BEARING	DISTANCE
L5	S15° 46' 17"W	28.50
L6	S38° 16' 17"W	79.99
L7	S15° 46' 17"W	1126.88
L8	S0° 44' 18"W	73.71
L9	S21° 45' 42"E	48.71
L10	S10° 30' 42"E	31.58

WOODMOOR WATER AND SANITARY DISTRICT NO. 1

APPROVED FOR CONSTRUCTION

DATE: _____ BY: _____

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ALIGNMENT ABBREVIATIONS:	
SAN-01	= S01
SAN-02	= S02
SAN-03	= S03
SAN-04	= S04
SAN-05	= S05
MISTY ACRES BOULEVARD	= MAB
MONUMENT HILL ROAD [EAST]	= MHE
MONUMENT HILL ROAD [WEST]	= MHW
SNOWY TOP DRIVE	= STD
OLD ANTLERS DRIVE	= OAD

PREPARED FOR:
MONUMENT RIDGE EAST, LLC
5055 LIST DRIVE
COLORADO SPRINGS, CO 80919

PREPARE
NOT FOR CONSTRUCTION
RAYMO

PRC
ENGINEERING
1655 W. UTAH STREET, SUITE 114
COLORADO SPRINGS, CO 80904
(719) 291-2744

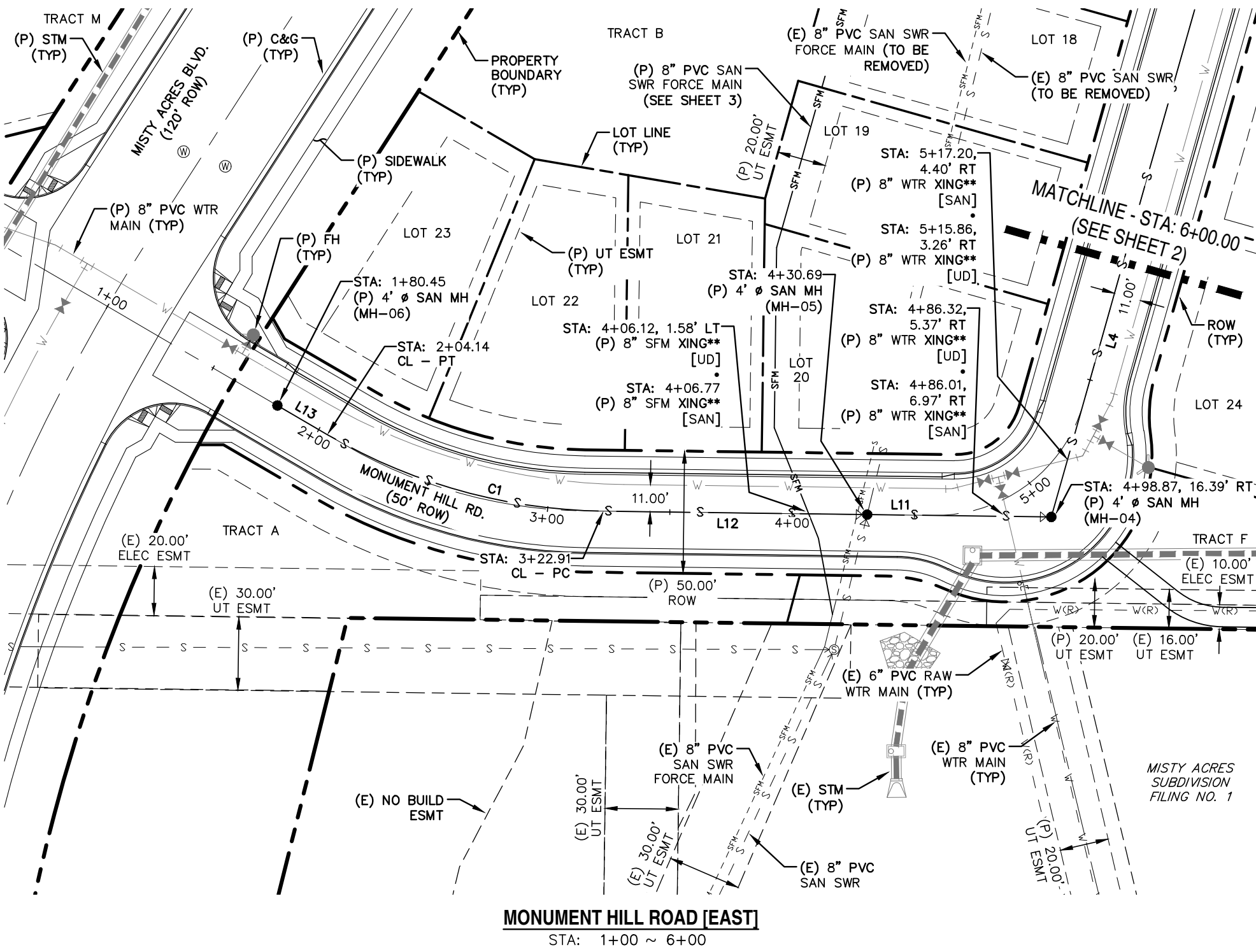
MONUMENT RIDGE EAST		DESIGNED BY: MGP	DRAWN BY: MGP
FILING NO. 1		SCALE: 1" = 50'	DATE: 04/28/25
SAN FORCE MAIN		JOB NUMBER	SHEET
PLAN & PROFILE		24-001	3 OF 12

NOTES:

- THE 8" GRAVITY MAIN SHALL BE SDR 35 PVC OR SDR 26.
THE 8" FORCE MAIN SHALL BE C900 PVC DR14.
- FOR PIPELINES THAT ARE TO BE PLACED IN THE SAME TRENCH, A 4" HORIZONTAL SEPARATION WILL BE MAINTAINED, CENTERLINE TO CENTERLINE. THE 8" FORCE MAIN IS TO BE LAID AT THE SAME ELEVATION AS THE 8" GRAVITY MAIN UNLESS OTHERWISE NOTED.
- FOR MAINS IN PROPOSED STREETS, STATIONING IS RELATIVE TO STREET'S CENTERLINE.
- FOR MAINS NOT ASSOCIATED WITH A PROPOSED STREET, STATIONING IS RELATIVE TO THE MAIN'S CENTERLINE.
- THE LOCATION OF ALL EXISTING UTILITIES (HORIZONTAL & VERTICAL) SHALL BE FIELD VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION.
- SEE PROFILE FOR CROSSING INFORMATION.
- LENGTH OF PIPE DOES NOT EQUAL DIFFERENCE IN STATIONING.

LINE TABLE - SAN SWR			
LINE	BEARING	DISTANCE	
L4	S15° 46' 17"W	363.45	
L11	N89° 15' 42"W	75.28	
L12	N89° 15' 42"W	107.78	
L13	N59° 45' 36"W	23.69	
L14	N78° 04' 04"W	17.24	
L15	S89° 46' 22"W	88.24	
L16	S89° 46' 22"W	70.00	
L17	N7° 26' 30"E	50.00	
L18	N7° 26' 30"E	60.00	

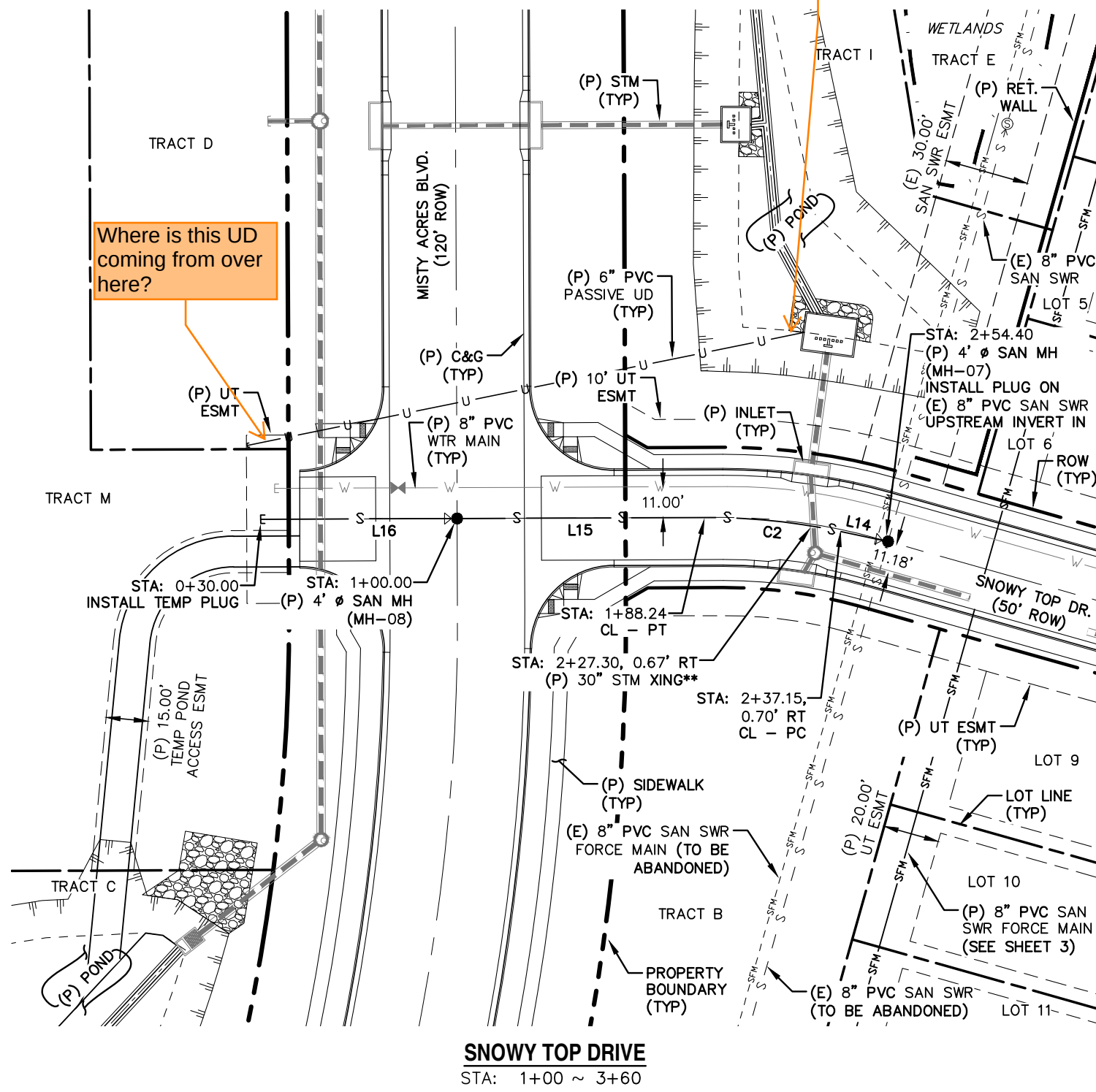
CURVE TABLE - SAN SWR			
CURVE	DELTA	RADIUS	LENGTH
C1	29°30'06"	230.00	118.43
C2	12°09'34"	230.00	48.81



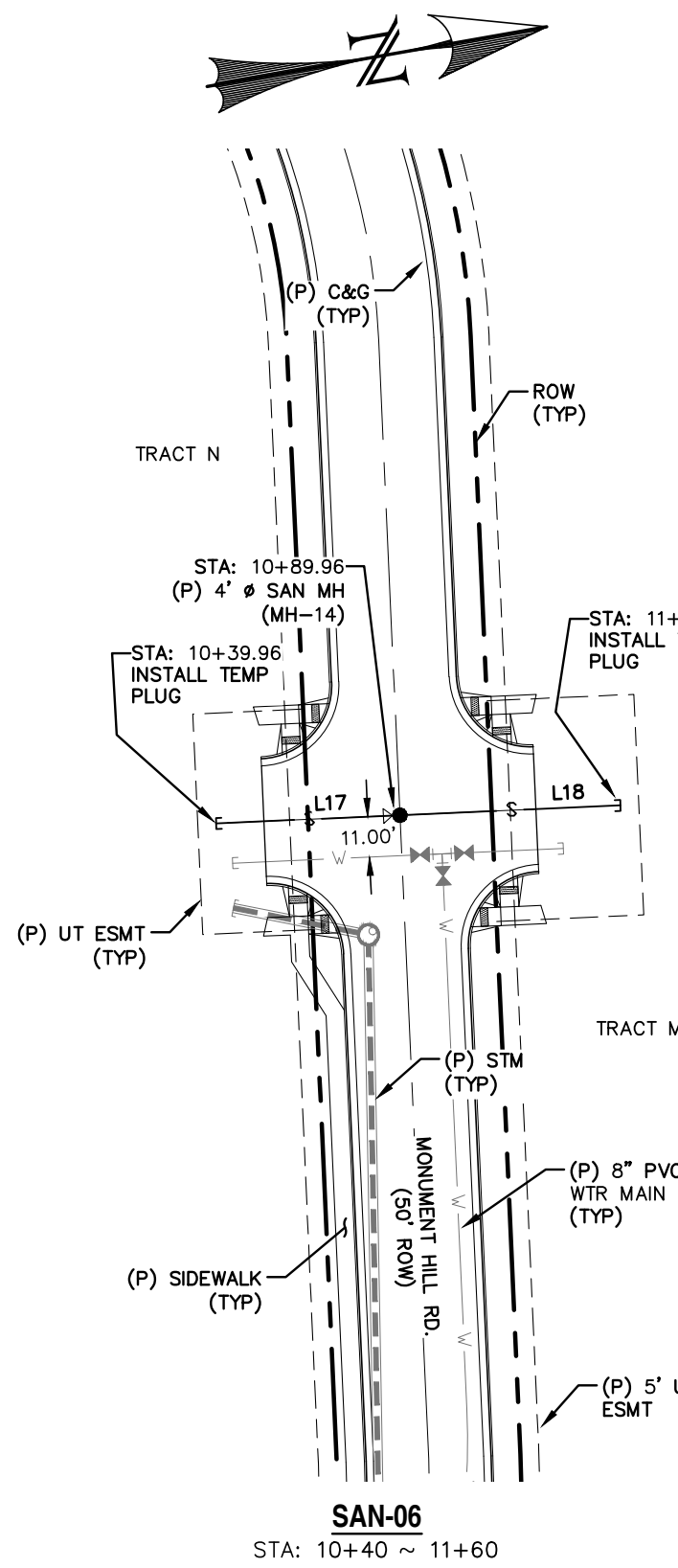
MONUMENT HILL ROAD [EAST]
STA: 1+00 ~ 6+00

0 50 100
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

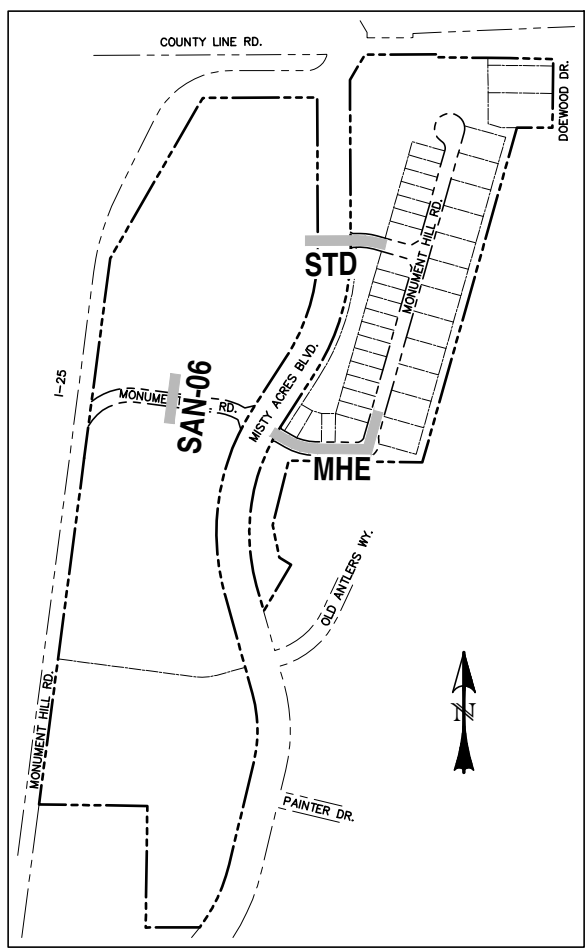
The pond has not been sized for the flows from this underdrain. MHFD recommends all GW/underdrain flows be routed to past the outlet structure (or within the outlet structure, just past the orifice plate)



SNOWY TOP DRIVE
STA: 1+00 ~ 3+60



SAN-06
STA: 10+40 ~ 11+60



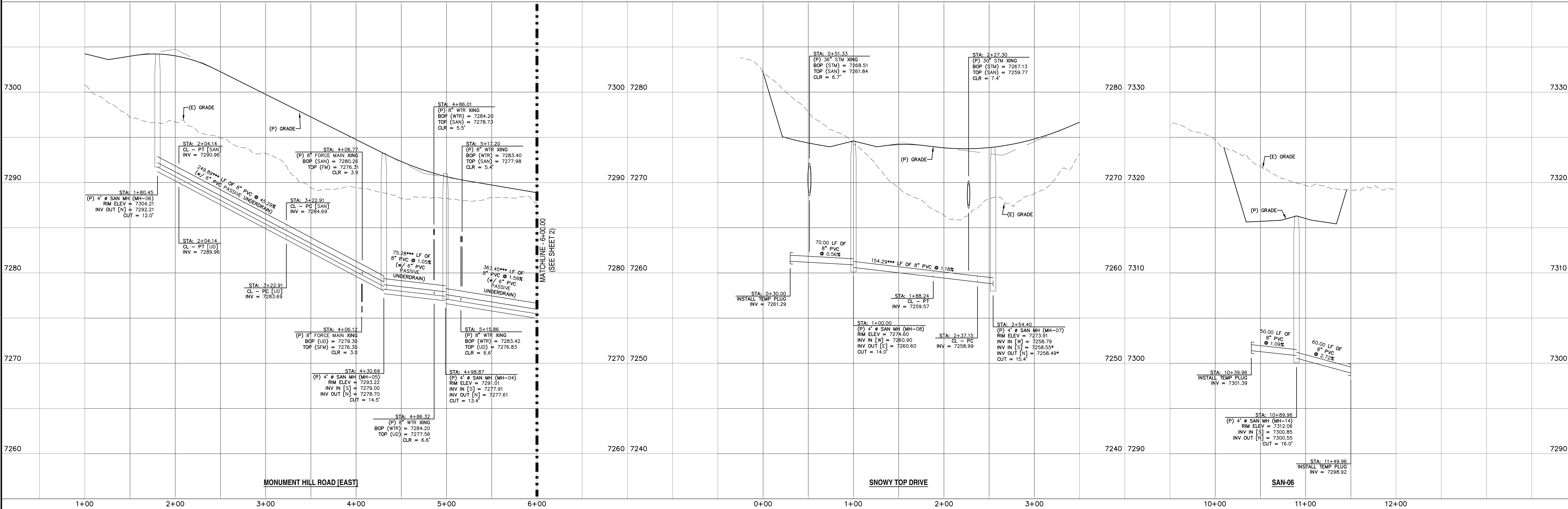
LOCATION MAP
SCALE: N.T.S.

WOODMOOR WATER AND SANITARY DISTRICT NO. 1

APPROVED FOR CONSTRUCTION

DATE BY

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SAN-01	= S01
SAN-02	= S02
SAN-03	= S03
SAN-04	= S04
MISTY ACRES BOULEVARD	= M01
MONUMENT HILL ROAD [EAST]	= M02
MONUMENT HILL ROAD [WEST]	= M03
SNOWY TOP DRIVE	= S04
OLD ANTLERS DRIVE	= OAD

PREPARED FOR:	MONUMENT RIDGE EAST, LLC
5055 LIST DRIVE COLORADO SPRINGS, CO 80919	

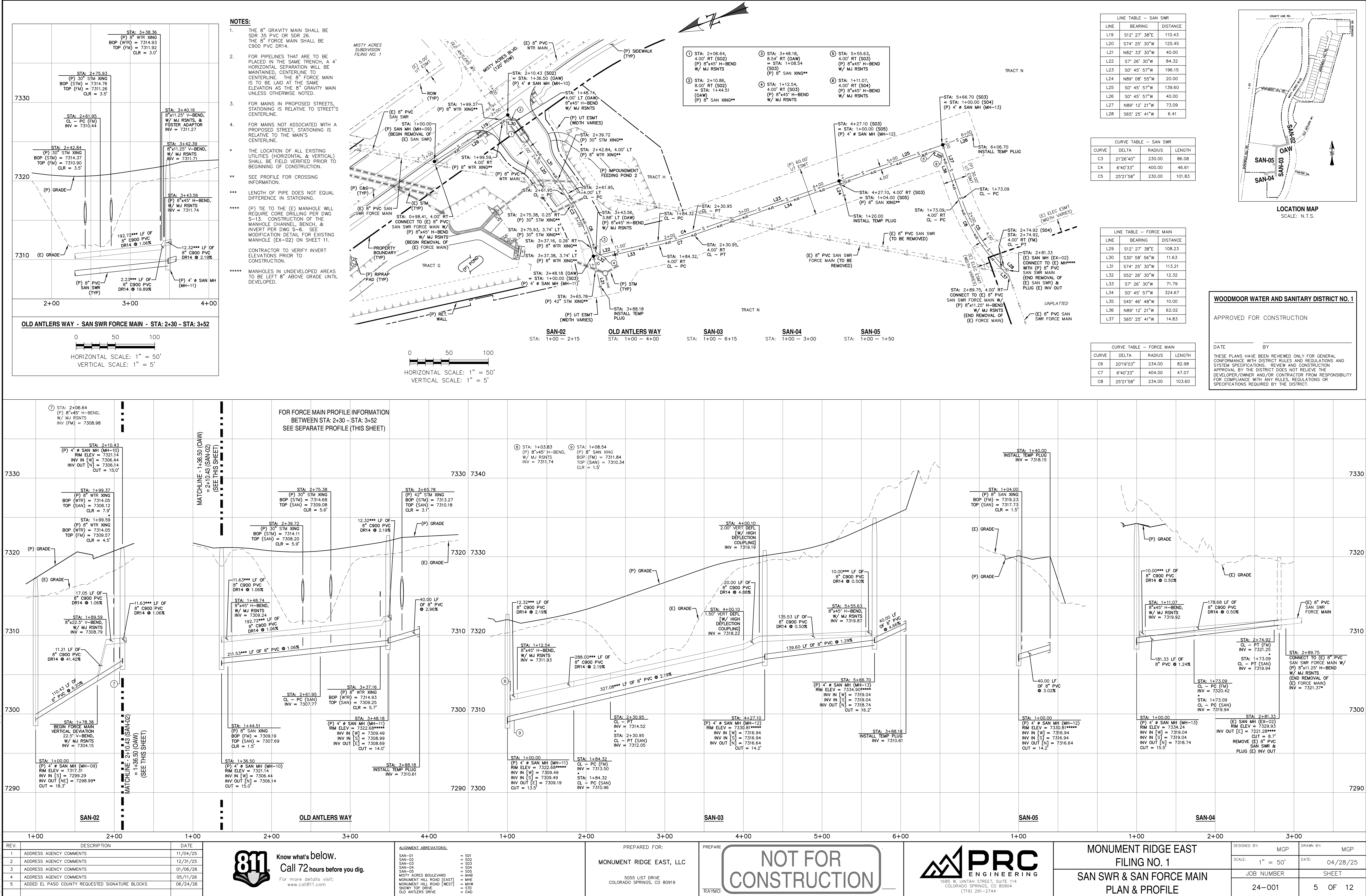
PREPARE	RAYMO
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NOT FOR CONSTRUCTION

PRC	ENGINEERING
1655 W. UTAH STREET, SUITE 114 COLORADO SPRINGS, CO 80904 (719) 291-2744	

MONUMENT RIDGE EAST FILING NO. 1 SAN SWR PLAN & PROFILE

DESIGNED BY:	MGP	DRAWN BY:	MGP
SCALE:	1" = 50'	DATE:	04/28/25
JOB NUMBER	24-001	SHEET	4 OF 12



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SAN-02 = S02
SAN-03 = S03
SAN-04 = S04
SAN-05 = S05
MISTY ACRES BOULEVARD = MAB
MONUMENT HILL ROAD (EAST) = MHE
MONUMENT HILL ROAD (WEST) = MHW
SNOWY TOP DRIVE = STD
OLD ANTLERS DRIVE = OAD

PREPARED FOR:
MONUMENT RIDGE EAST, LLC
5055 LIST DRIVE
COLORADO SPRINGS, CO 80919

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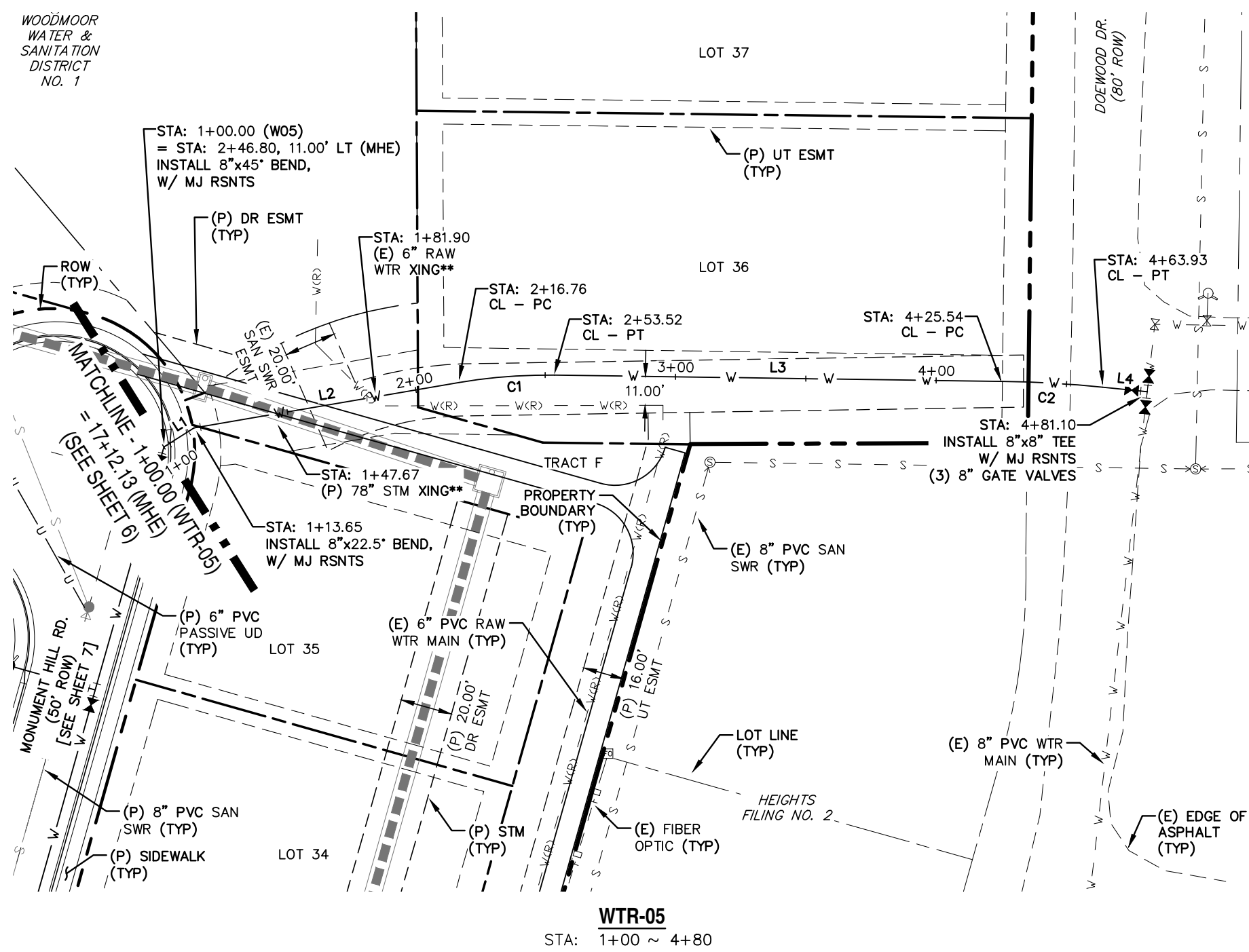


MONUMENT RIDGE EAST
FILING NO. 1
SAN SWR & SAN FORCE MAIN
PLAN & PROFILE

DESIGNED BY: MGP
SCALE: 1" = 50'
JOB NUMBER: 24-001
DRAWN BY: MGP
DATE: 04/28/25
SHEET: 5 OF 12

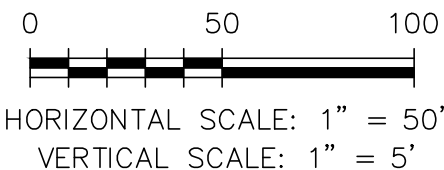
NOTES:

- FOR MAINS IN PROPOSED STREETS, STATIONING IS RELATIVE TO STREET'S CENTERLINE.
 - FOR MAINS NOT ASSOCIATED WITH A PROPOSED STREET, STATIONING IS RELATIVE TO THE GRAVITY MAIN'S CENTERLINE.
 - FOR SPECIFICATION REFERENCES IN NOTES, SEE "WOODMOOR WATER AND SANITATION DISTRICT NO. 1 STANDARD SPECIFICATIONS."
 - FIRE HYDRANTS SHALL HAVE STAINLESS STEEL STEMS.
 - GATE VALVES SHALL HAVE STAINLESS STEEL STEMS. REF: "2.1 GATE VALVES (2" THROUGH 12")"
 - SEE "2.10 TAPPING SADDLES" FOR APPROVED TAPPING SADDLES.
 - FOR CROSSINGS, A FULL JOINT OF WATER MAIN SHALL BE CENTERED UNDER THE UPPER UTILITY.
 - THE LOCATION OF ALL EXISTING UTILITIES (HORIZONTAL & VERTICAL) SHALL BE FIELD VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION.
 - SEE PROFILE FOR CROSSING INFORMATION.
 - HIGH DEFLECTION COUPLING TO BE USED.
- DEFLECTIONS AT PIPE BELLS ARE NOT ALLOWED.

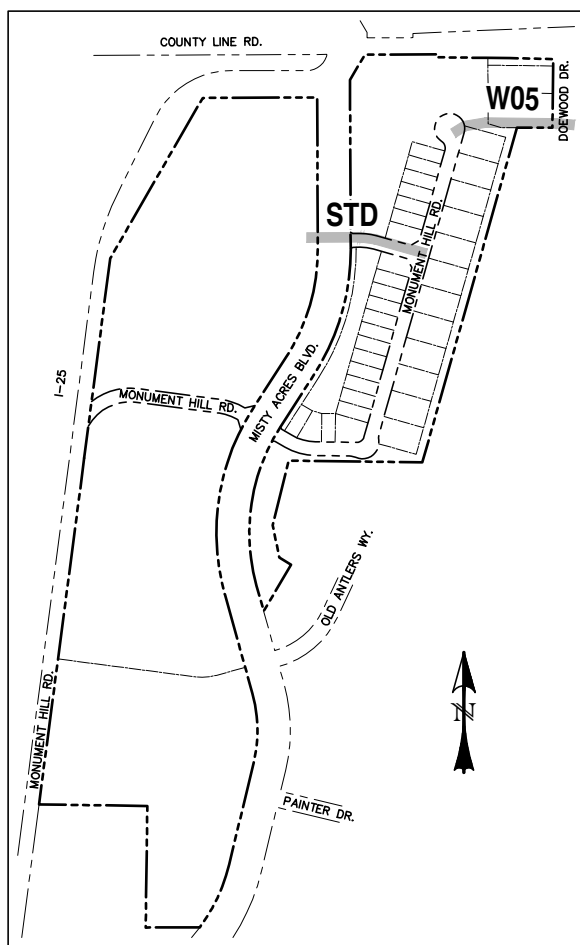
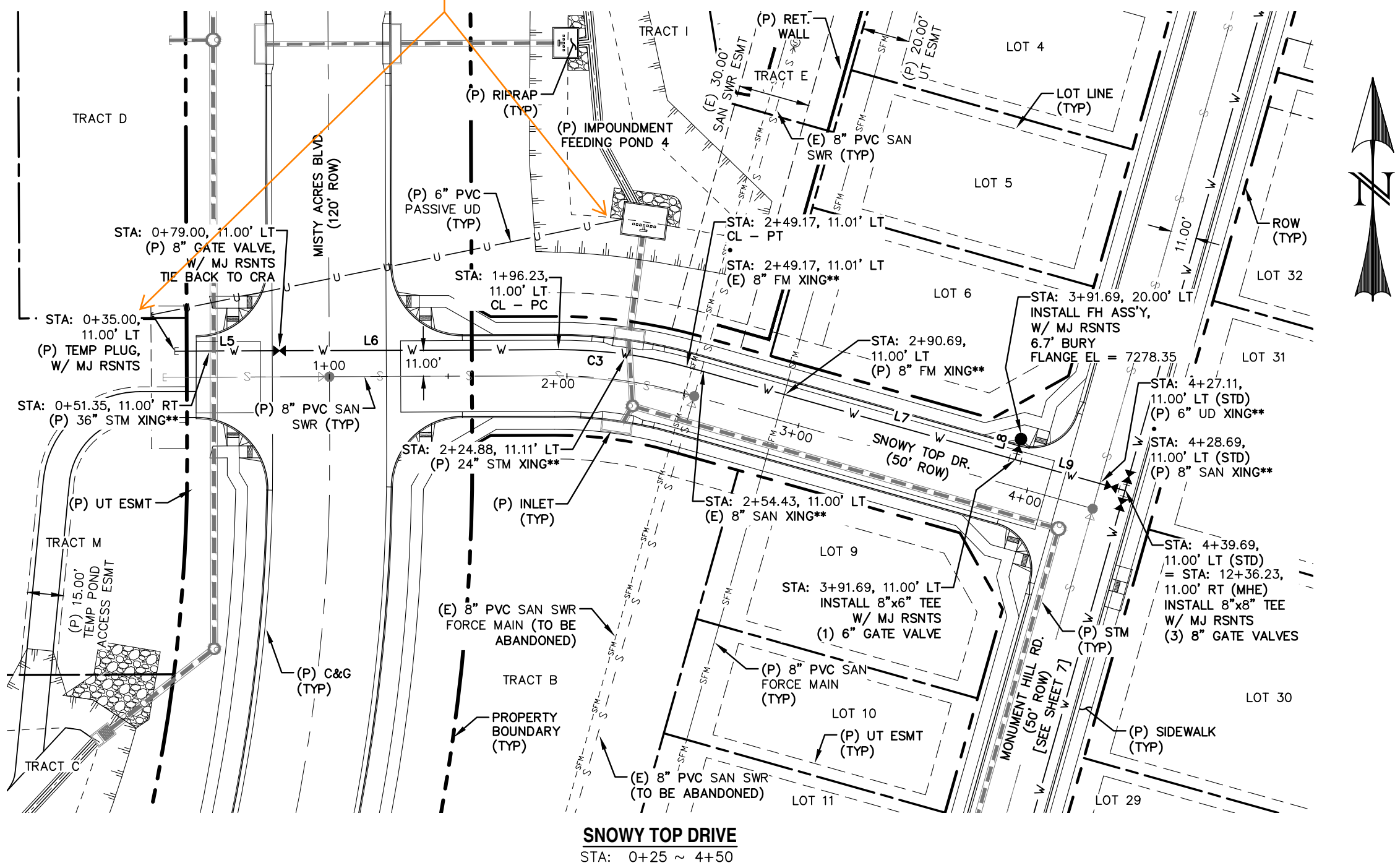


LINE TABLE - WTR MAIN			
LINE	BEARING	DISTANCE	
L1	N57° 46' 17"E	13.65	
L2	N80° 16' 17"E	103.10	
L3	S89° 11' 44"E	172.01	
L4	S84° 11' 44"E	17.17	
L5	N89° 46' 22"E	44.00	
L6	N89° 46' 22"E	117.31	
L7	S74° 13' 43"E	142.62	
L8	N15° 46' 17"E	9.00	
L9	S74° 13' 43"E	48.00	

CURVE TABLE - WTR			
CURVE	DELTA	RADIUS	LENGTH
C1	10°31'59"	200.00	36.77
C2	5°00'00"	440.00	38.40
C3	15°59'55"	200.00	55.85



same comments/questions about the UD as on page 4 above (since this is the same pipe/pond)



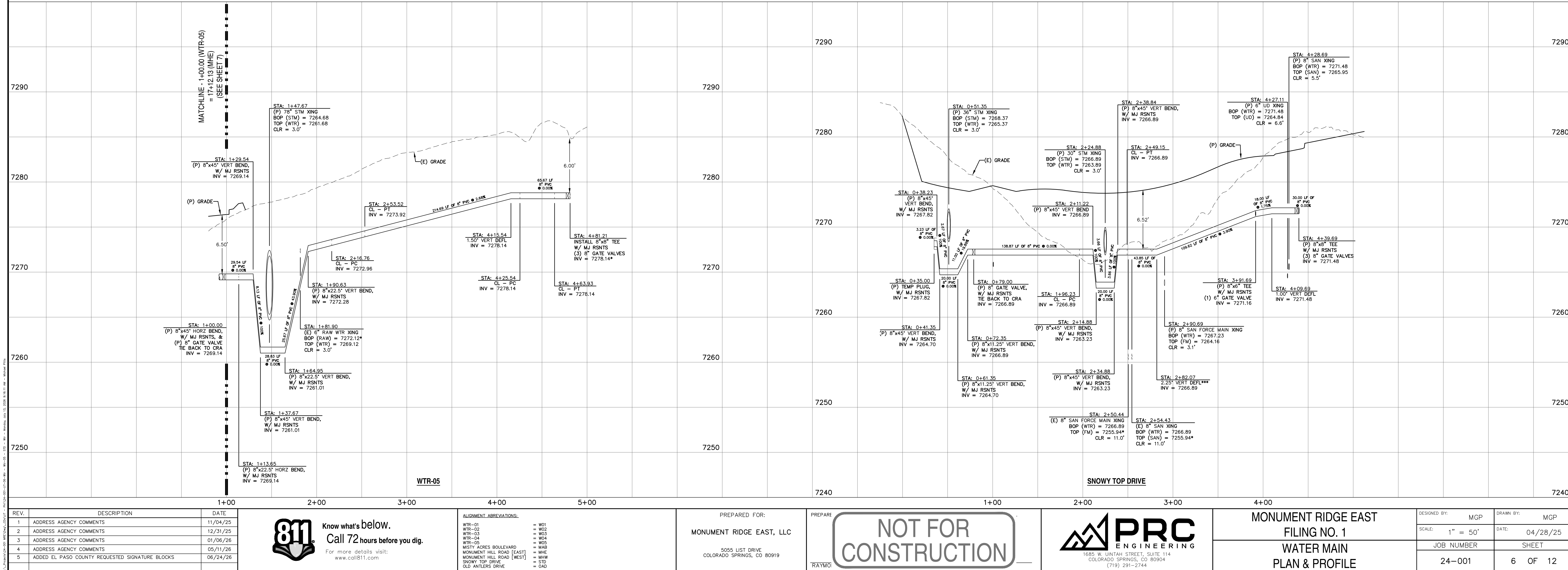
LOCATION MAP
SCALE: N.T.S.

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MONUMENT HILL ROAD (WEST) = MHW
SNOWY TOP DRIVE = STD
OLD ANTLERS DRIVE = OAD

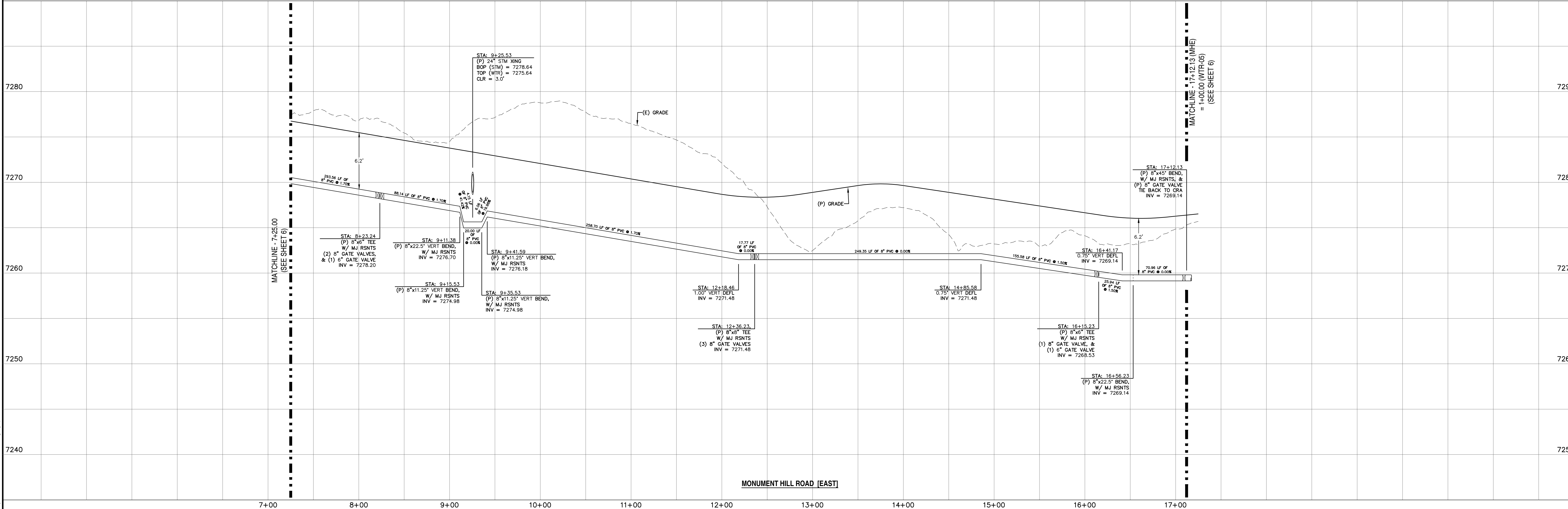
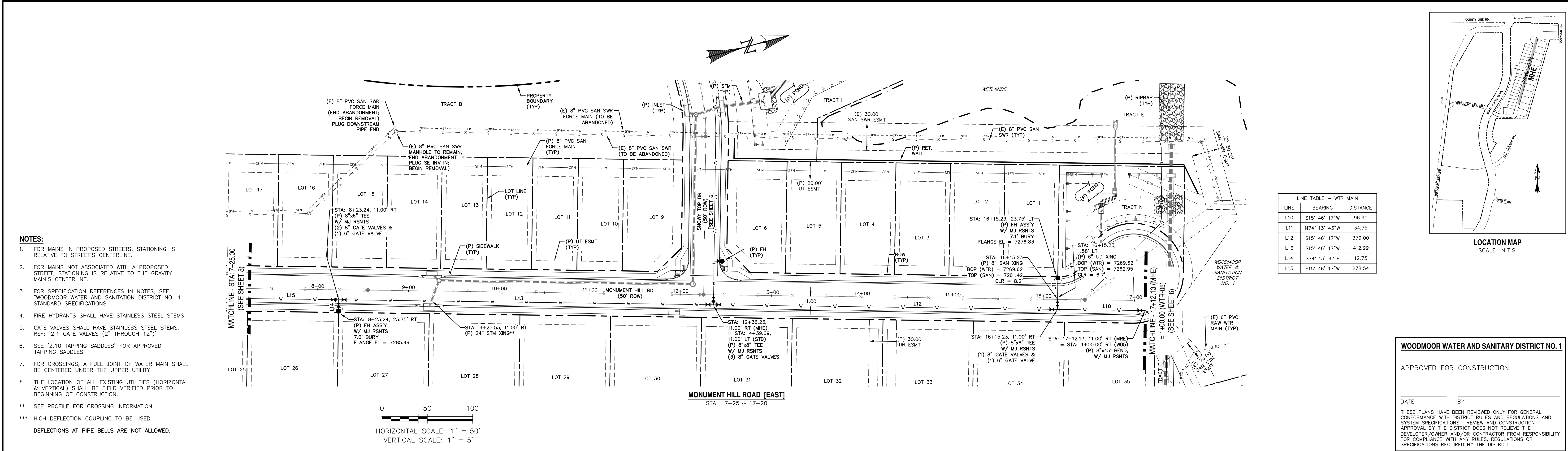
PREPARED FOR:
MONUMENT RIDGE EAST, LLC
5055 LIST DRIVE
COLORADO SPRINGS, CO 80919

PREPARE
NOT FOR CONSTRUCTION
RAYMO

PRC ENGINEERING
1655 W. UTAH STREET, SUITE 114
COLORADO SPRINGS, CO 80904
(719) 291-2744

MONUMENT RIDGE EAST
FILING NO. 1
WATER MAIN
PLAN & PROFILE

DESIGNED BY: MGP
SCALE: 1" = 50'
JOB NUMBER: 24-001
DRAWN BY: MGP
DATE: 04/28/25
SHEET: 6 OF 12



REV.	DESCRIPTION	DATE
1	ADDRESS AGENCY COMMENTS	11/04/25
2	ADDRESS AGENCY COMMENTS	12/31/25
3	ADDRESS AGENCY COMMENTS	01/06/26
4	ADDRESS AGENCY COMMENTS	05/11/26
5	ADDED EL PASO COUNTY REQUESTED SIGNATURE BLOCKS	06/24/26



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For more details visit:
www.call811.com

ALIGNMENT ABBREVIATIONS:	
WTR-01	= W01
WTR-02	= W02
WTR-03	= W03
WTR-04	= W04
WTR-05	= W05
MISTY ACRES BOULEVARD	= MAB
MONUMENT HILL ROAD [EAST]	= MHE
MONUMENT HILL ROAD [WEST]	= MHW
SNOWY TOP DRIVE	= STD
OLD ANTLERS DRIVE	= OAD

PREPARED FOR:

MONUMENT RIDGE EAST, LLC

5055 LIST DRIVE
COLORADO SPRINGS, CO 80919

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PRC ENGINEERING
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(719) 291-2744

MONUMENT RIDGE EAST
FILING NO. 1
WATER MAIN
PLAN & PROFILE

DESIGNED BY:	MGP	DRAWN BY:	MGP
SCALE:	1" = 50'	DATE:	04/28/25
JOB NUMBER	24-001	SHEET	7 OF 12

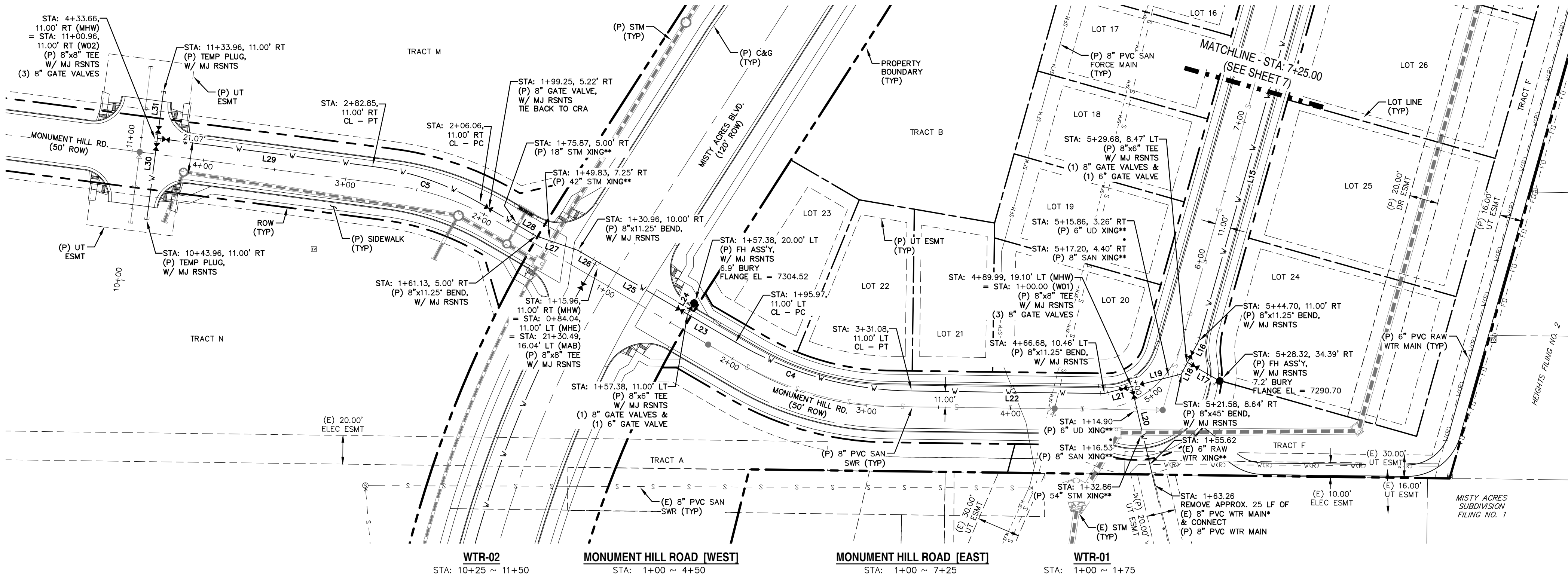
NOTES:

- FOR MAINS IN PROPOSED STREETS, STATIONING IS RELATIVE TO STREET'S CENTERLINE.
- FOR MAINS NOT ASSOCIATED WITH A PROPOSED STREET, STATIONING IS RELATIVE TO THE GRAVITY MAIN'S CENTERLINE.
- FOR SPECIFICATION REFERENCES IN NOTES, SEE "WOODMOOR WATER AND SANITATION DISTRICT NO. 1 STANDARD SPECIFICATIONS."
- FIRE HYDRANTS SHALL HAVE STAINLESS STEEL STEMS.
- GATE VALVES SHALL HAVE STAINLESS STEEL STEMS. REF: "2.1 GATE VALVES (2" THROUGH 12")"
- SEE "2.10 TAPPING SADDLES" FOR APPROVED TAPPING SADDLES.
- FOR CROSSINGS, A FULL JOINT OF WATER MAIN SHALL BE CENTERED UNDER THE UPPER UTILITY.
- THE LOCATION OF ALL EXISTING UTILITIES (HORIZONTAL & VERTICAL) SHALL BE FIELD VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION.
- SEE PROFILE FOR CROSSING INFORMATION.
- HIGH DEFLECTION COUPLING TO BE USED.
- DEFLECTIONS AT PIPE BELLS ARE NOT ALLOWED.



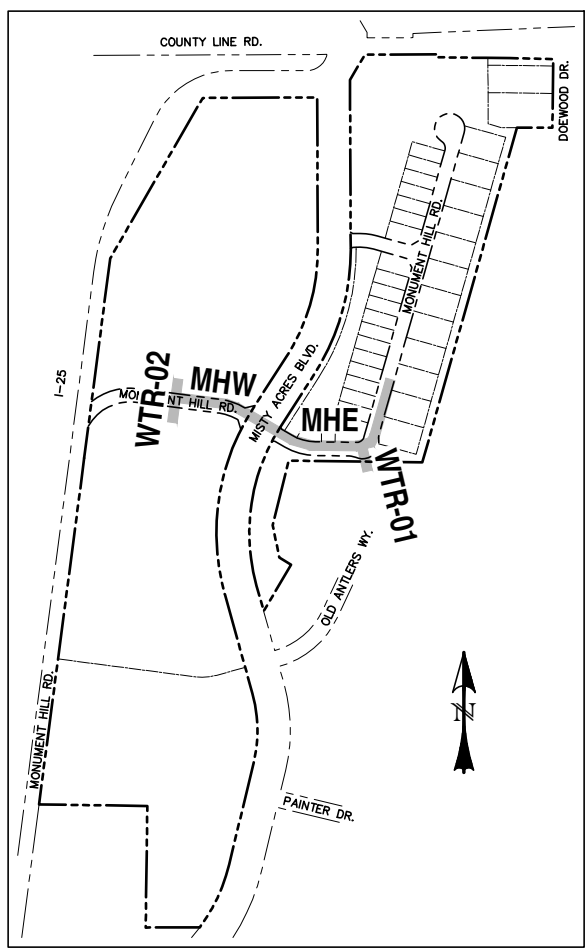
0 50 100

HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



LINE TABLE - WTR MAIN		
LINE	BEARING	DISTANCE
L15	S15° 46' 17"W	278.54
L16	S27° 51' 09"W	16.74
L17	S60° 08' 51"E	25.98
L18	S27° 51' 09"W	9.19
L19	S75° 51' 09"W	35.57
L20	S13° 08' 51"E	70.62
L21	S75° 51' 09"W	19.63
L22	N89° 15' 42"W	134.08
L23	N59° 45' 36"W	38.59
L24	N30° 14' 24"E	9.00
L25	N59° 45' 36"W	73.34
L26	N59° 45' 36"W	15.00
L27	N71° 00' 36"W	30.75
L28	N59° 45' 36"W	45.37
L29	N82° 33' 30"W	150.81
L30	N7° 26' 30"E	57.00
L31	N7° 26' 30"E	33.00

CURVE TABLE - WTR			
CURVE	DELTA	RADIUS	LENGTH
C4	29°30'06"	250.00	128.73
C5	22°47'54"	200.00	79.58



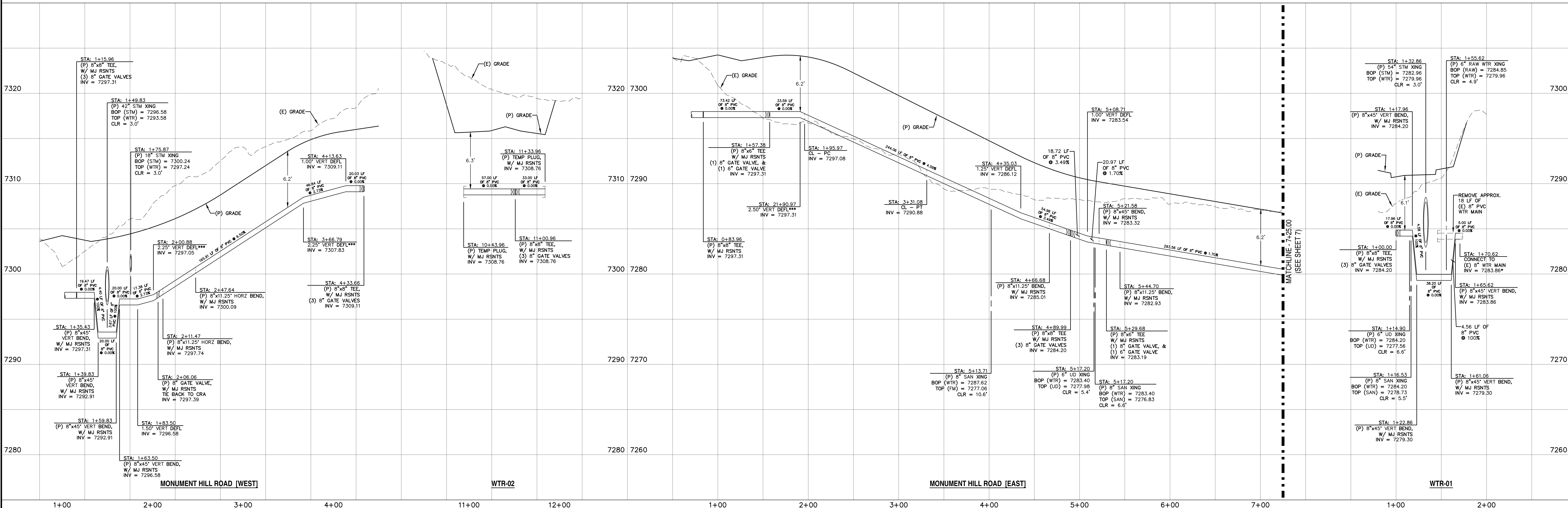
LOCATION MAP
SCALE: N.T.S.

WOODMOOR WATER AND SANITARY DISTRICT NO. 1

APPROVED FOR CONSTRUCTION

DATE: BY:

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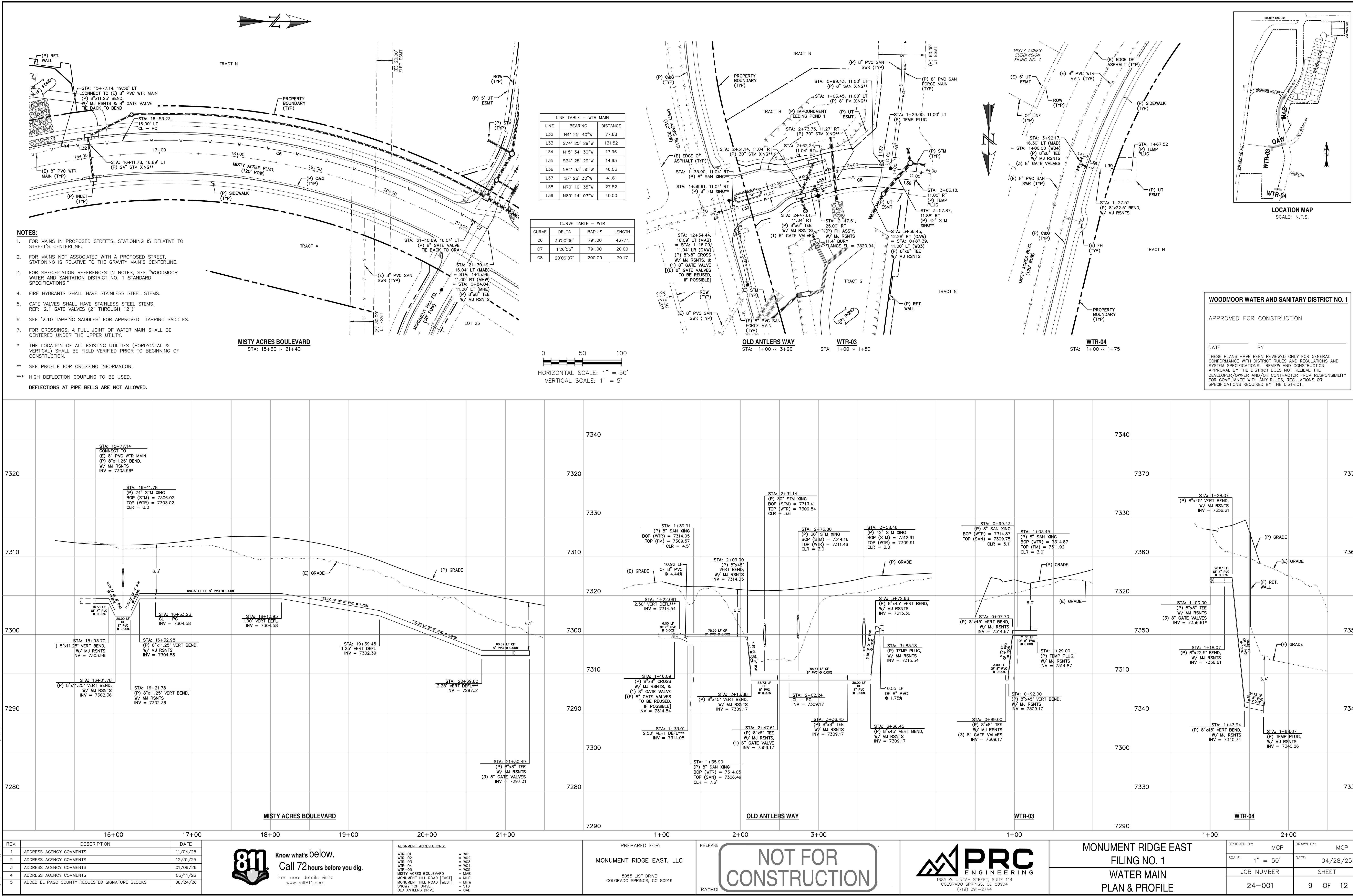
PREPARED FOR:	PREPARE
MONUMENT RIDGE EAST, LLC	RAYMO
5055 LIST DRIVE COLORADO SPRINGS, CO 80919	

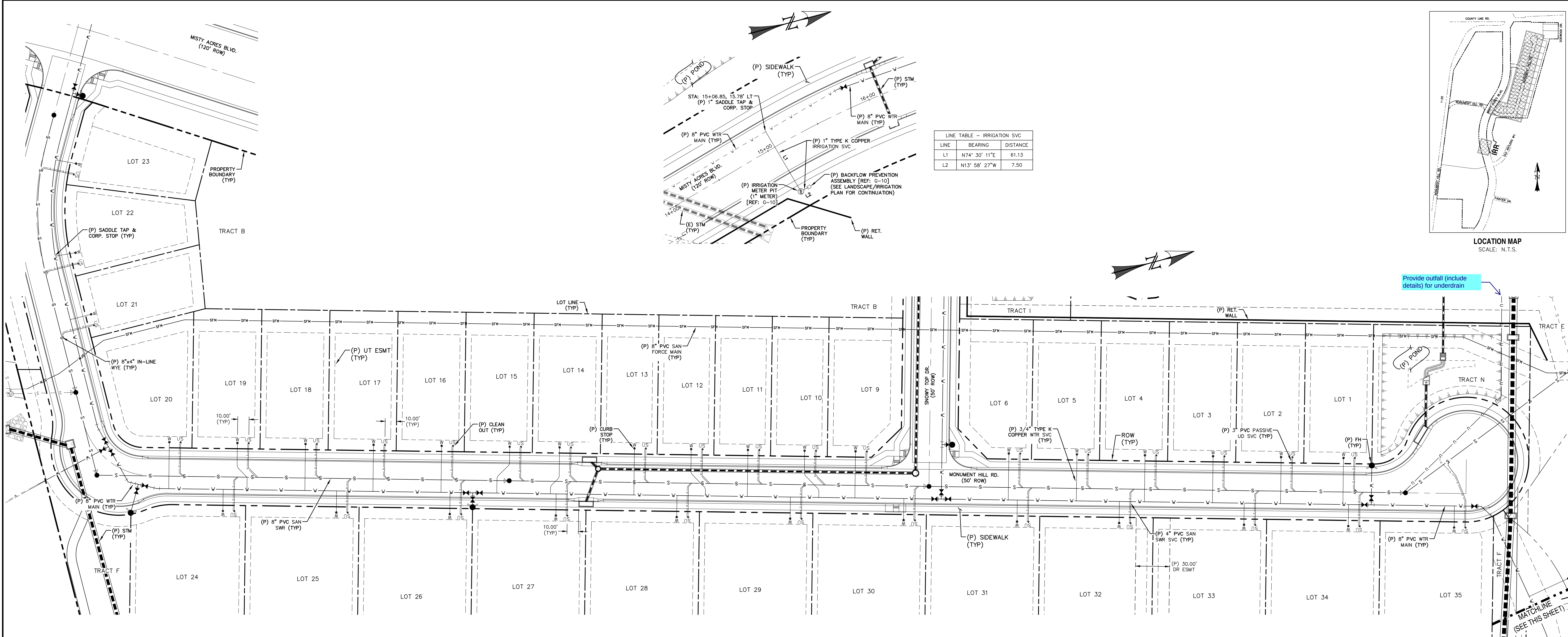
NOT FOR CONSTRUCTION

PRC ENGINEERING
1655 W. UTAH STREET, SUITE 114 COLORADO SPRINGS, CO 80904 (719) 291-2744

MONUMENT RIDGE EAST	
FILING NO. 1	
WATER MAIN	
PLAN & PROFILE	

DESIGNED BY:	MGP	DRAWN BY:	MGP
SCALE:	1" = 50'	DATE:	04/28/25
JOB NUMBER	24-001	SHEET	8 OF 12





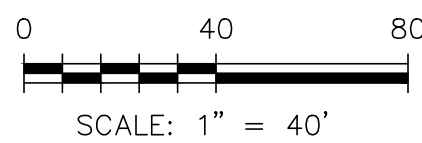
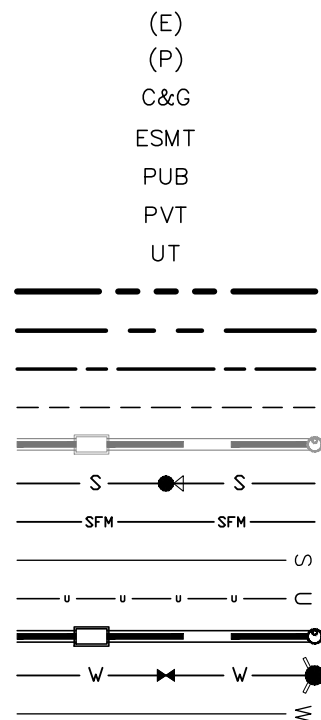
LINE TABLE -- IRRIGATION SVC		
LINE	BEARING	DISTANCE
L1	N74° 30' 11"E	61.13
L2	N13° 58' 27"W	7.50

Add this note:

El Paso County does not own and is not responsible for the underdrains or groundwater discharge systems shown on these plans and assumes no liability for water rights administration by approving these plans. Maintenance and water rights are the responsibility of the developer and [] xx metropolitan district, or yy property owner's association[].

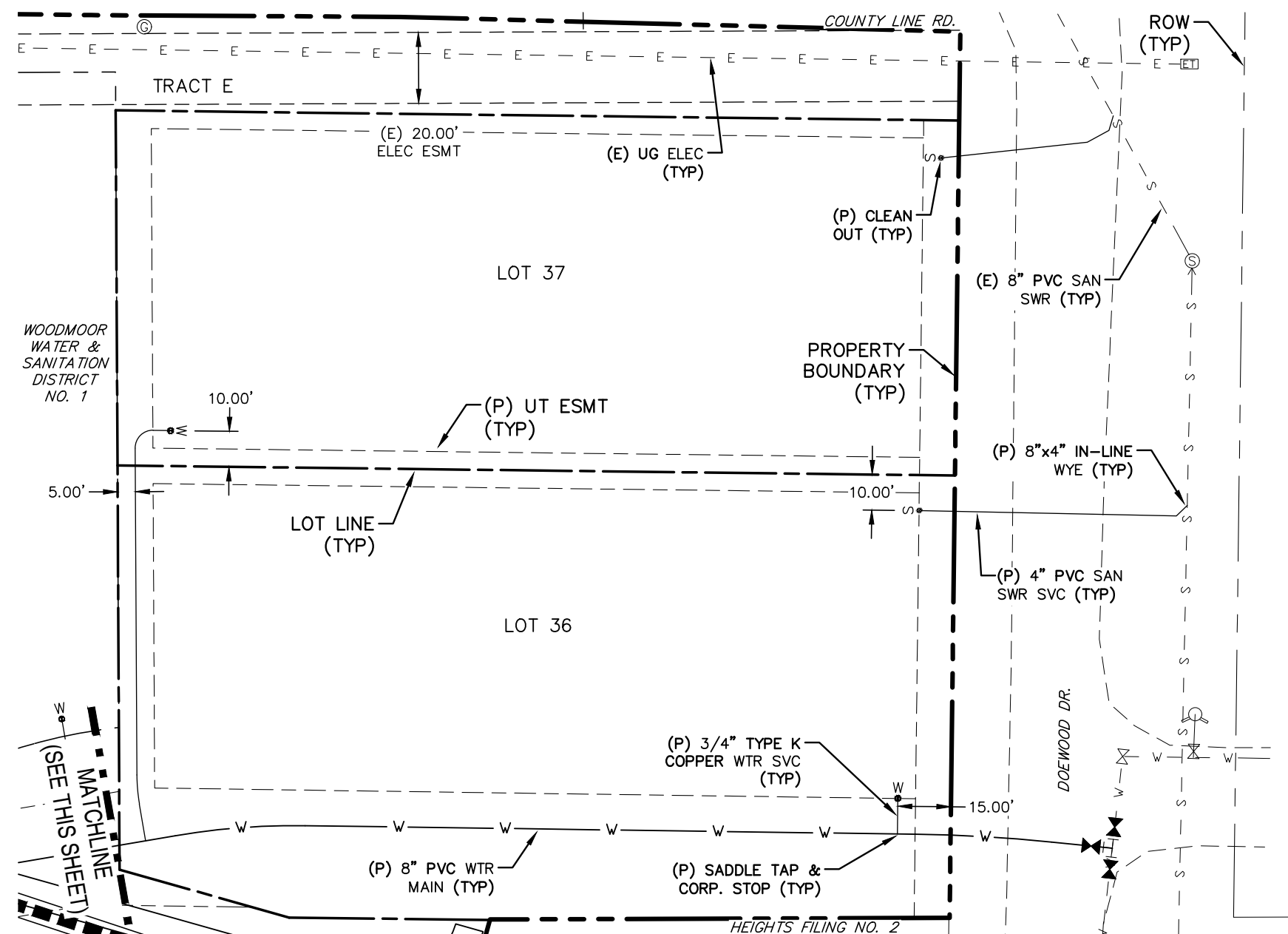
LEGEND

EXISTING
PROPOSED
CURB AND GUTTER
EASEMENT
PUBLIC
PRIVATE
UTILITY
BOUNDARY
RIGHT-OF-WAY
LOT LINE
EASEMENT
(E) STORM SEWER, INLET, MH
(P) 8" PVC SANITARY MAIN, MH
(P) 8" CL350 DIP SANITARY FORCE MAIN
(P) 4" PVC SAN SWR SVC
(P) 3" PVC PASSIVE UNDERDRAIN
(P) STORM SEWER, INLET, MH
(P) 8" PVC WATER MAIN, VALVE, FH
(P) 3/4" TYPE K COPPER WTR SVC



NOTES:

- FOR SPECIFICATION REFERENCES IN NOTES, SEE "WOODMOOR WATER AND SANITATION DISTRICT NO. 1 STANDARD SPECIFICATIONS."
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WOODMOOR WATER AND SANITATION DISTRICT NO. 1

APPROVED FOR CONSTRUCTION

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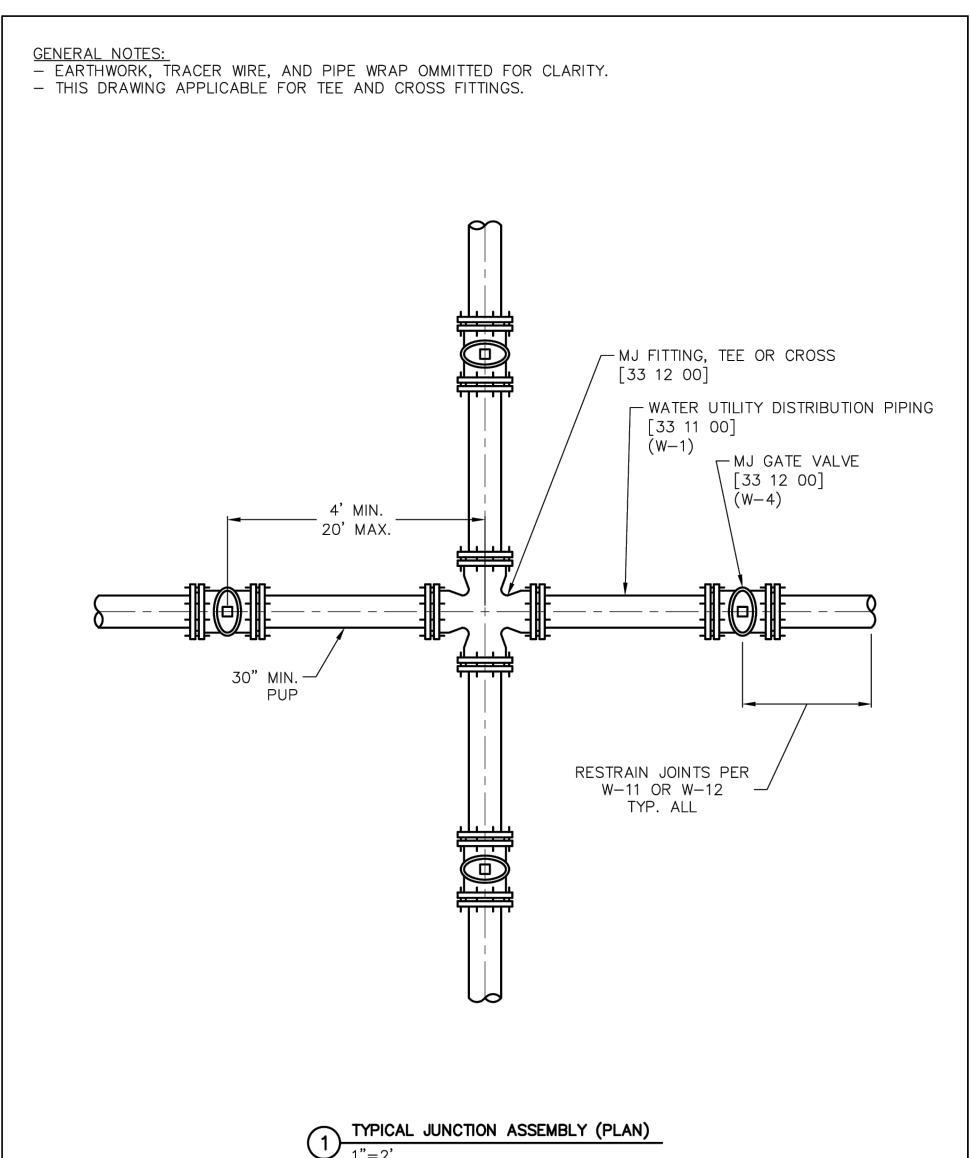
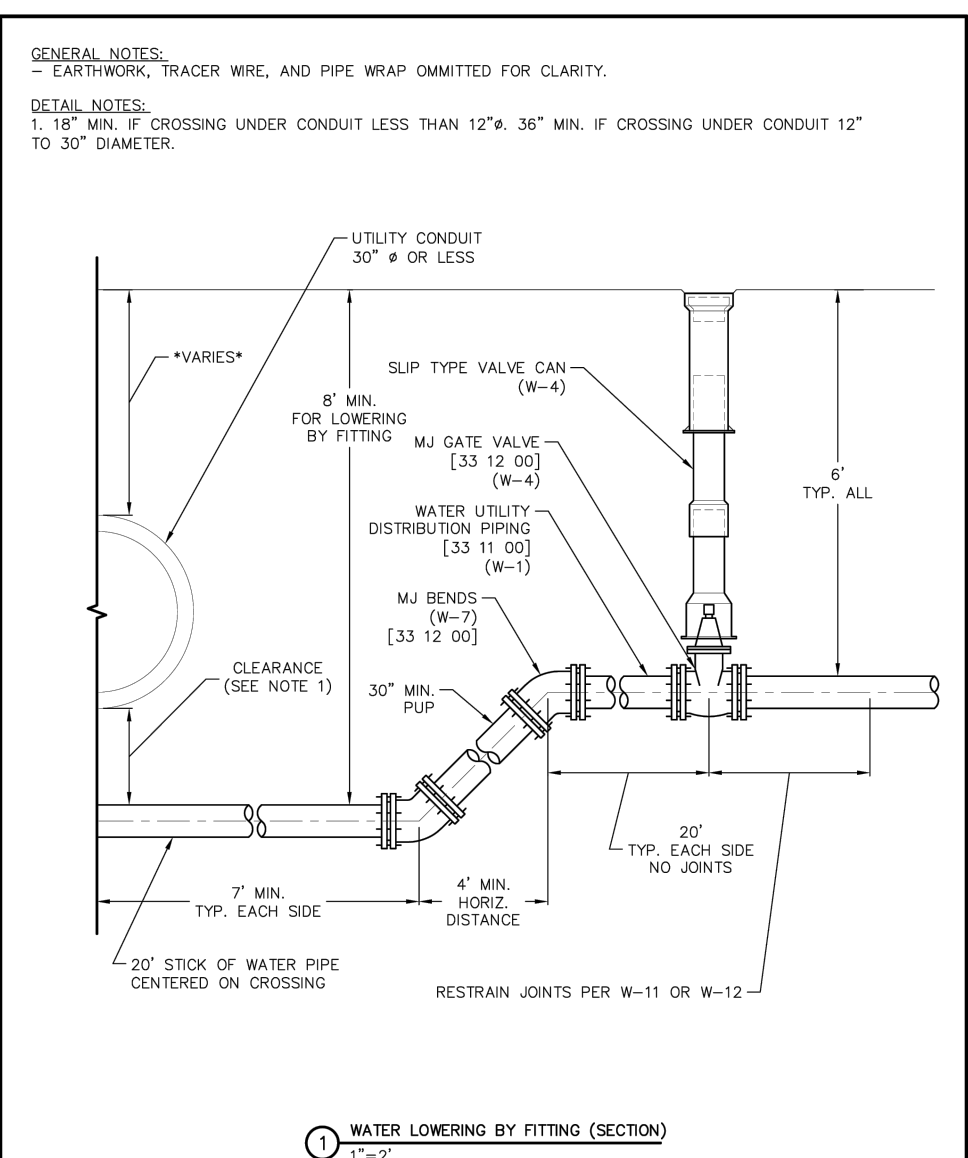
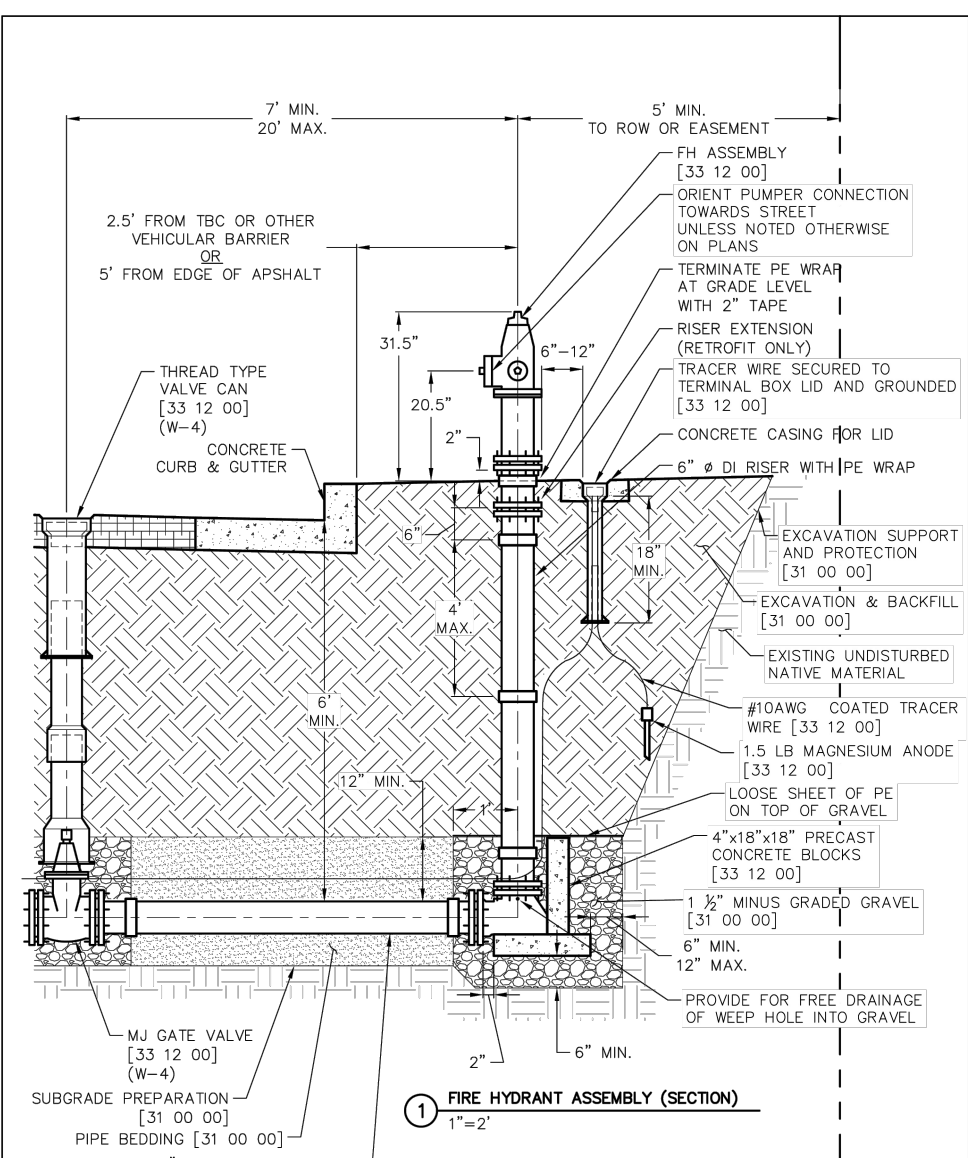
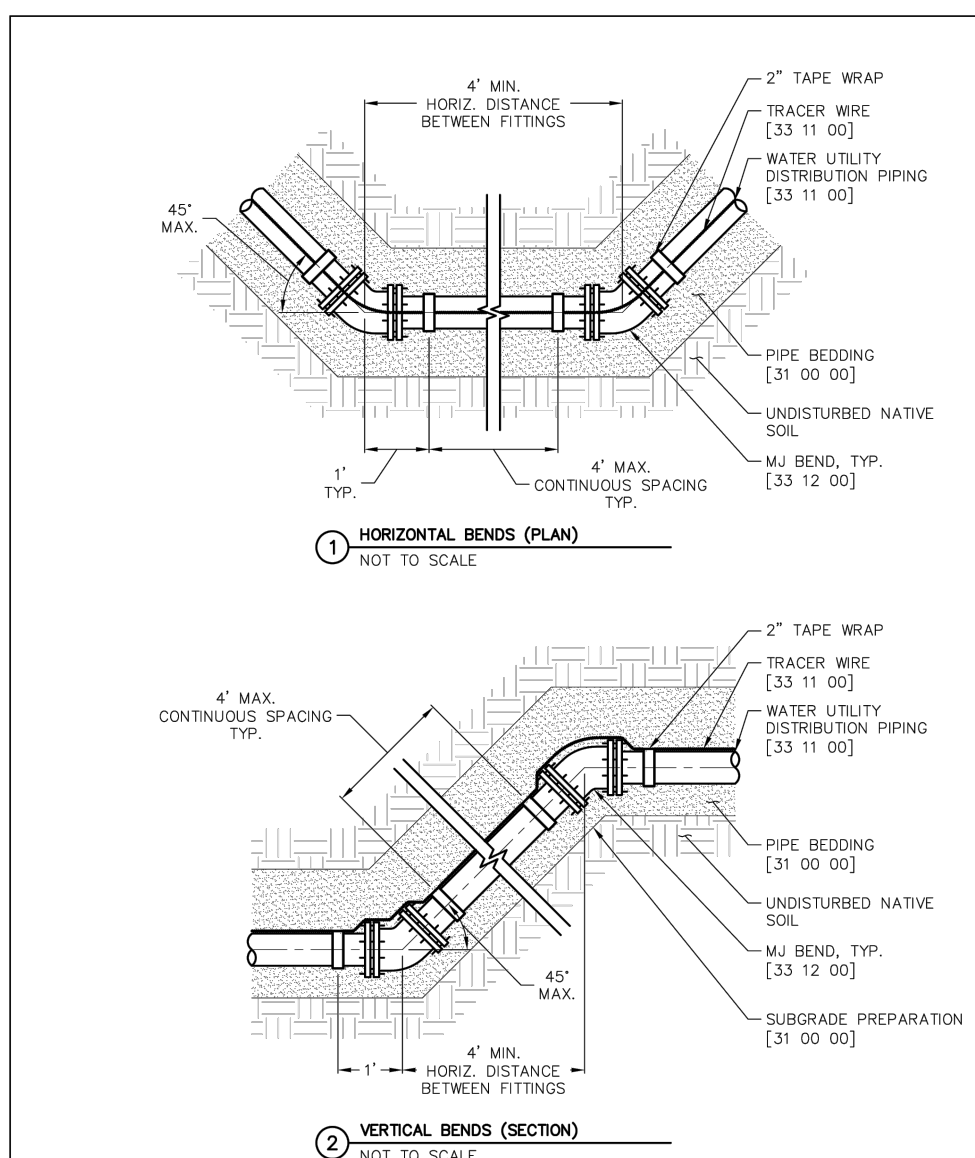
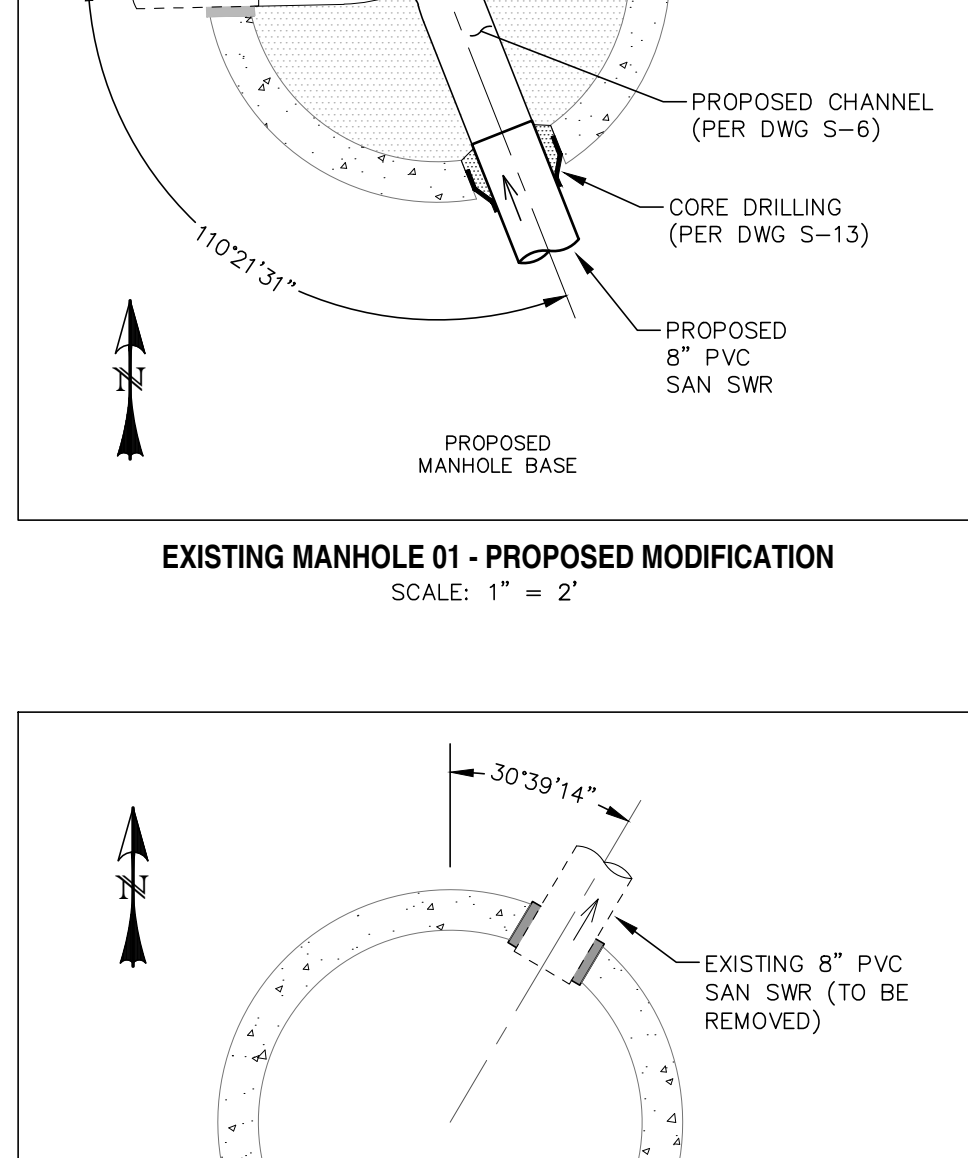
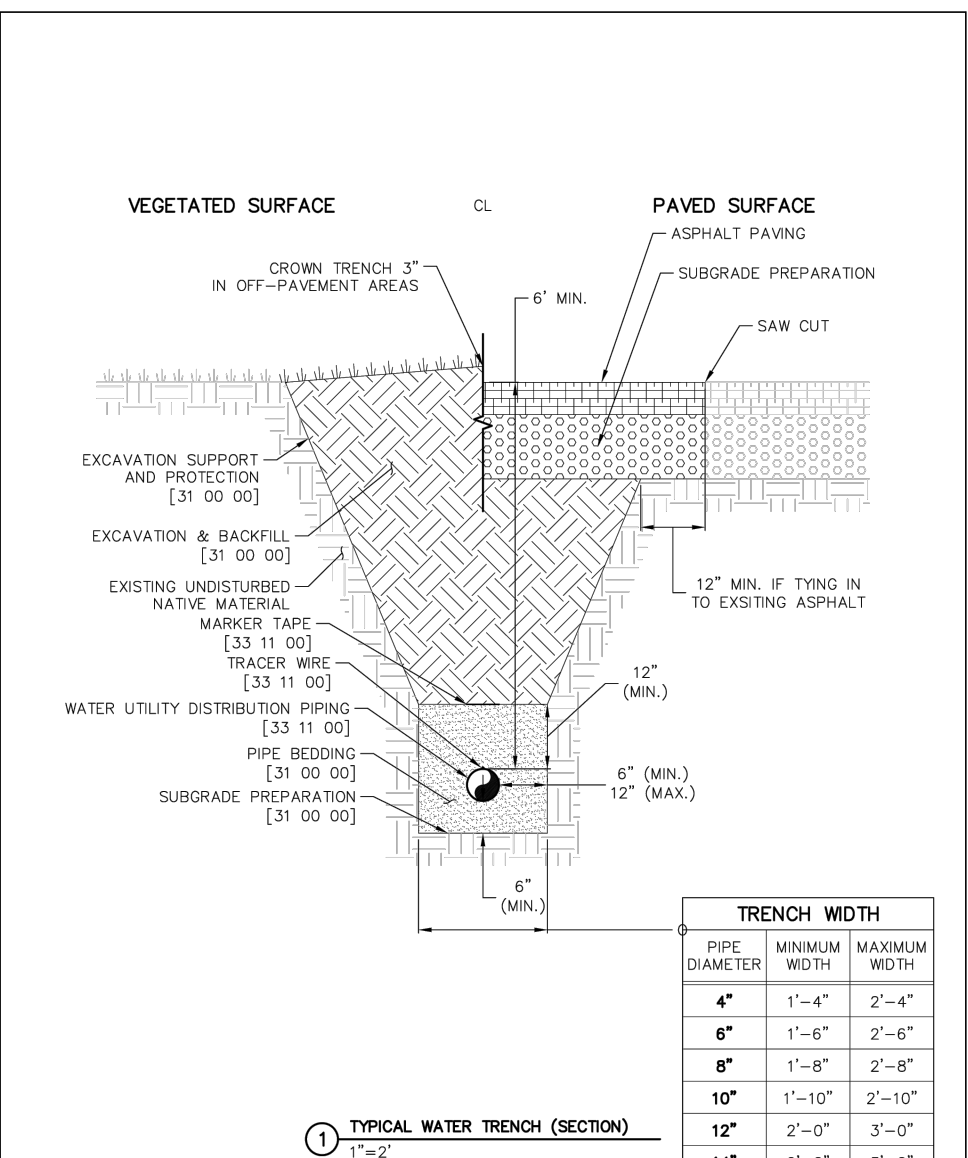
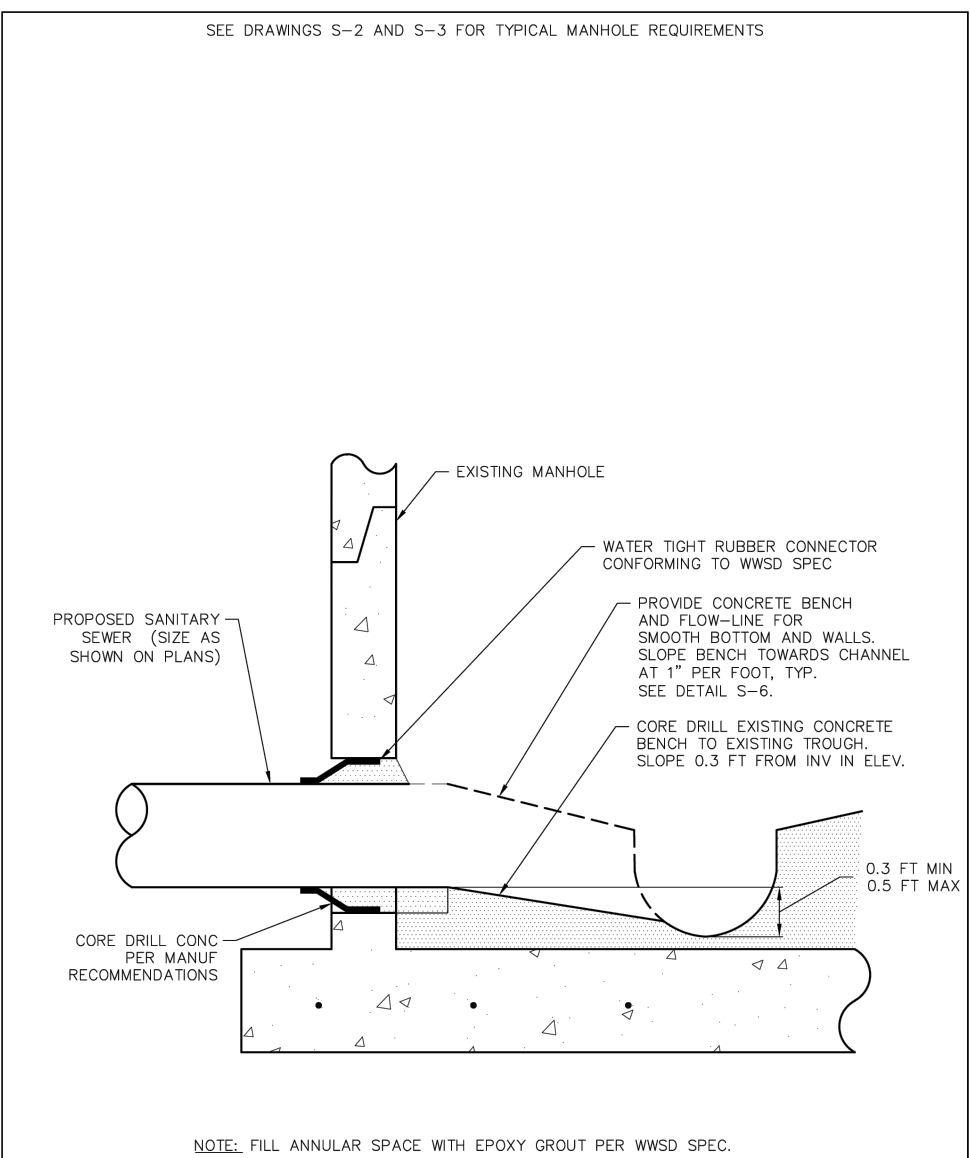
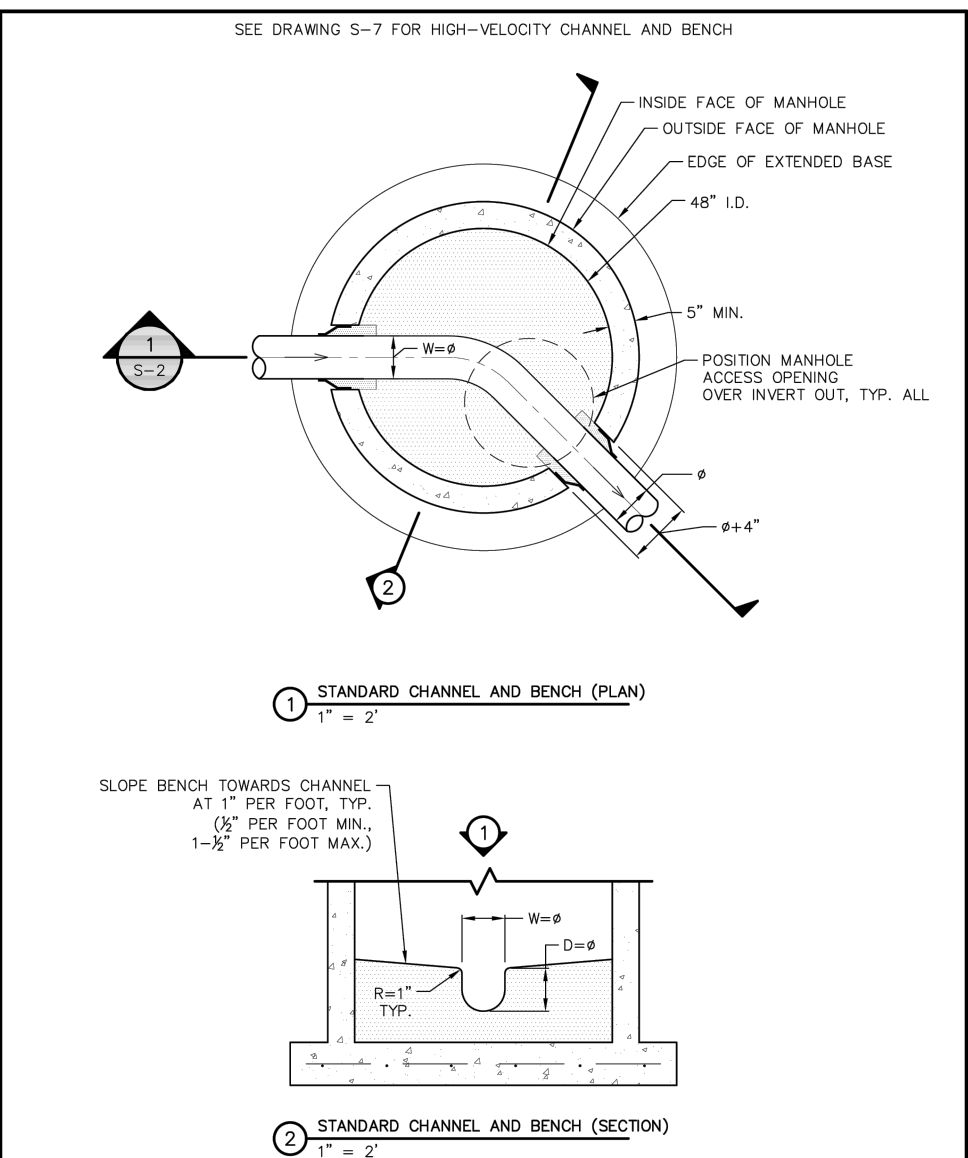
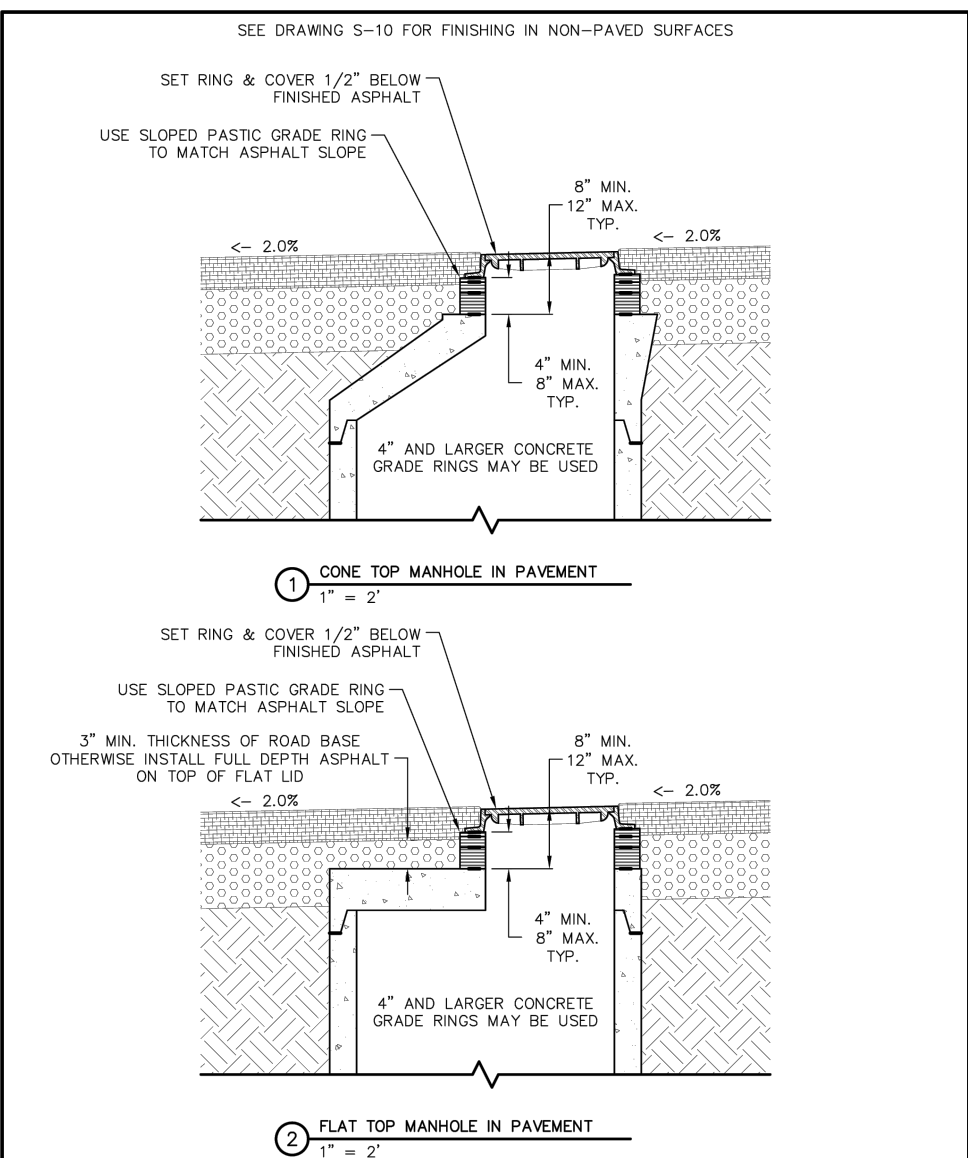
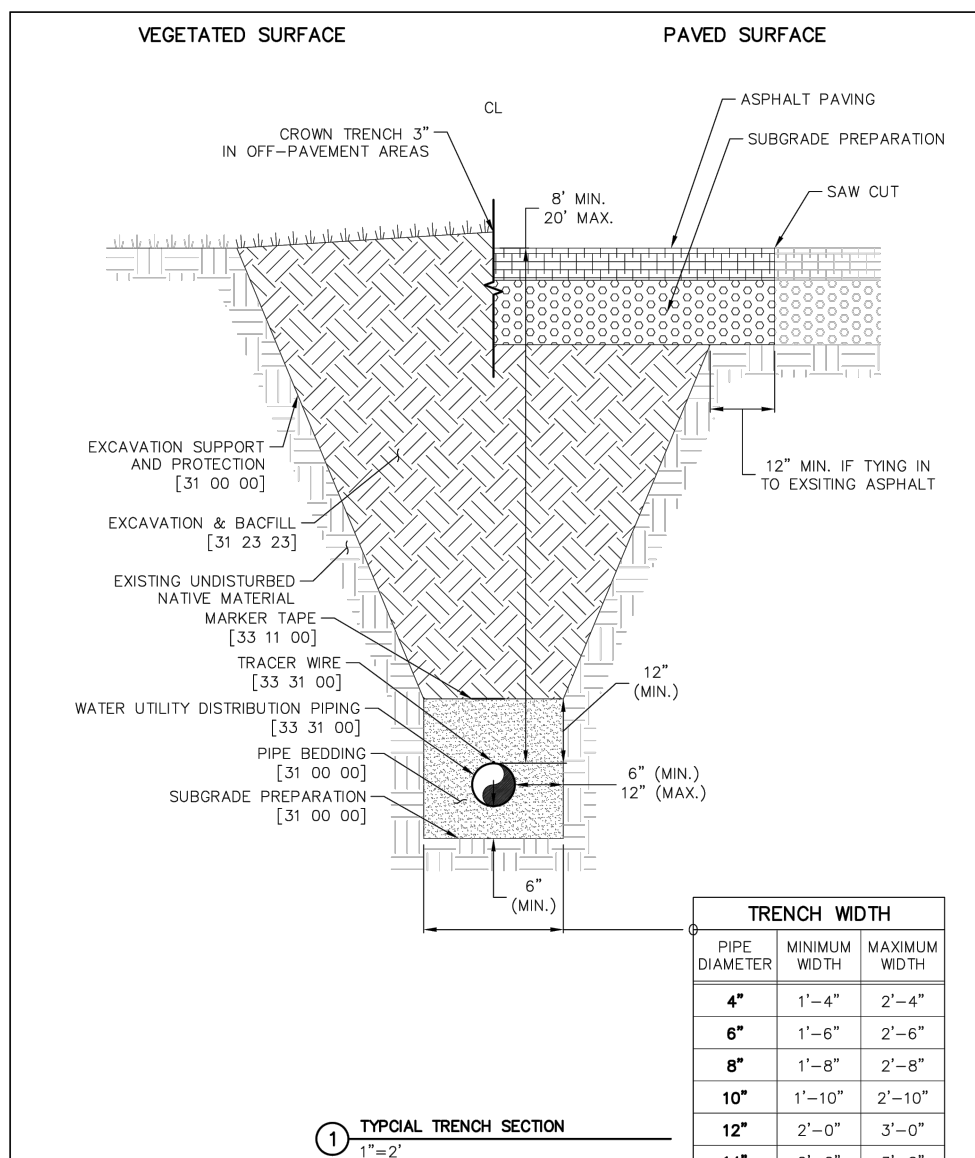
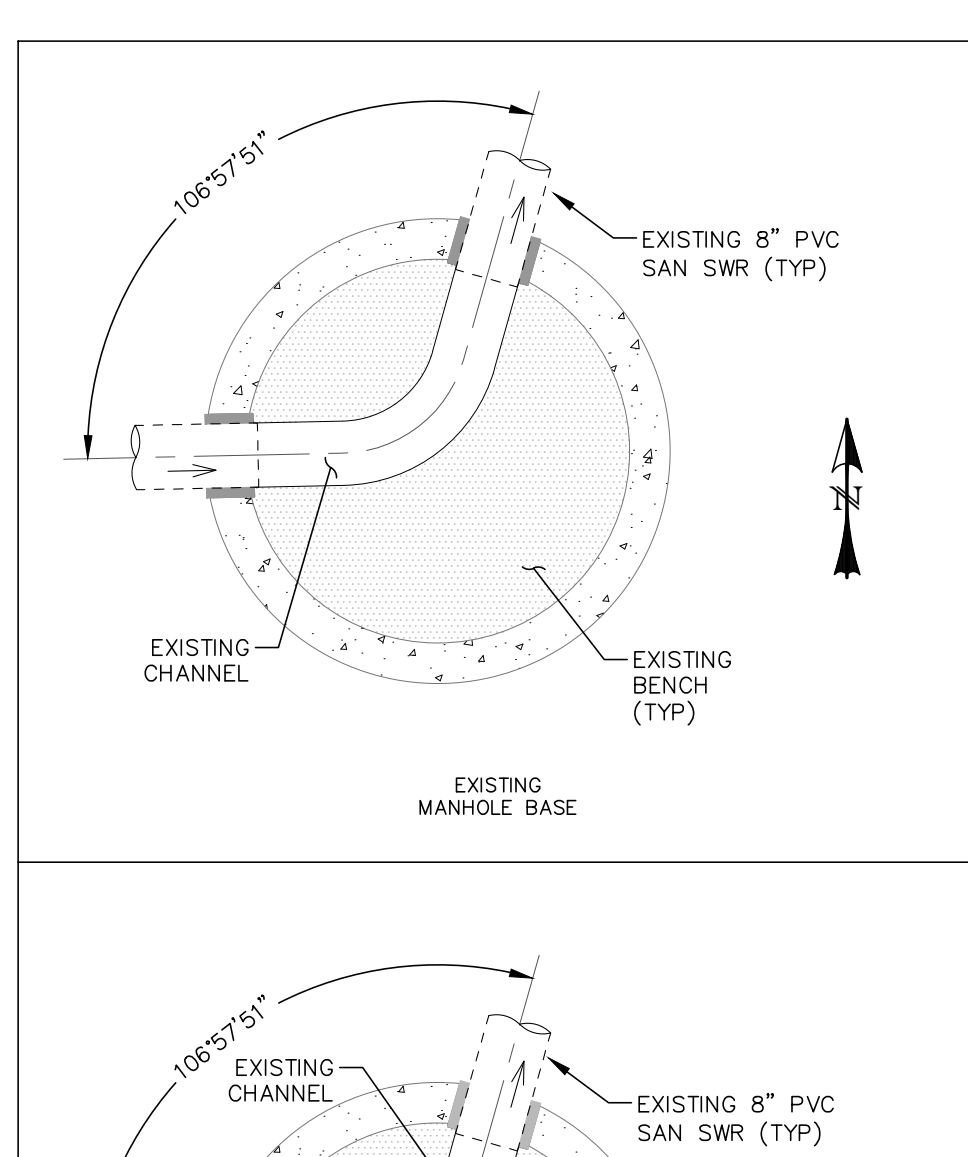
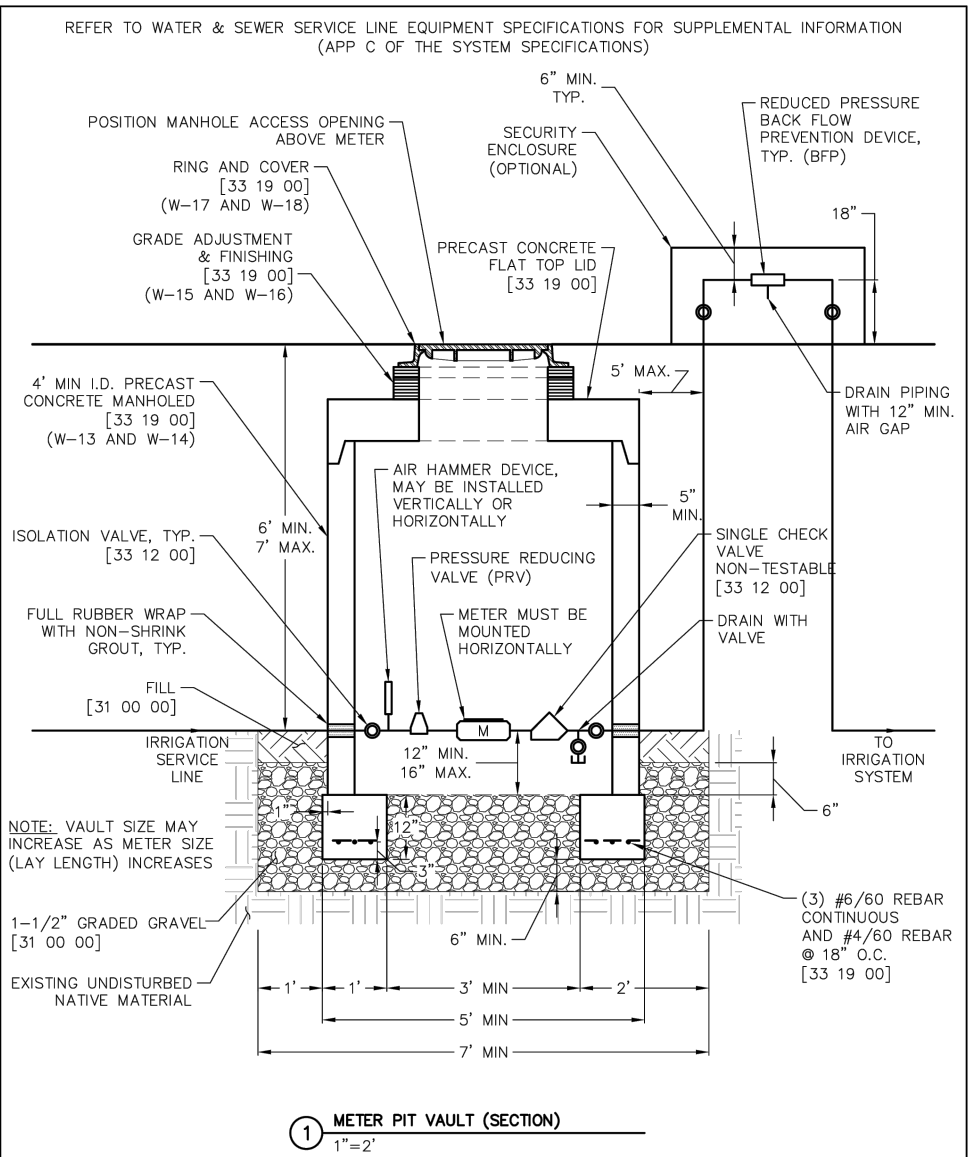
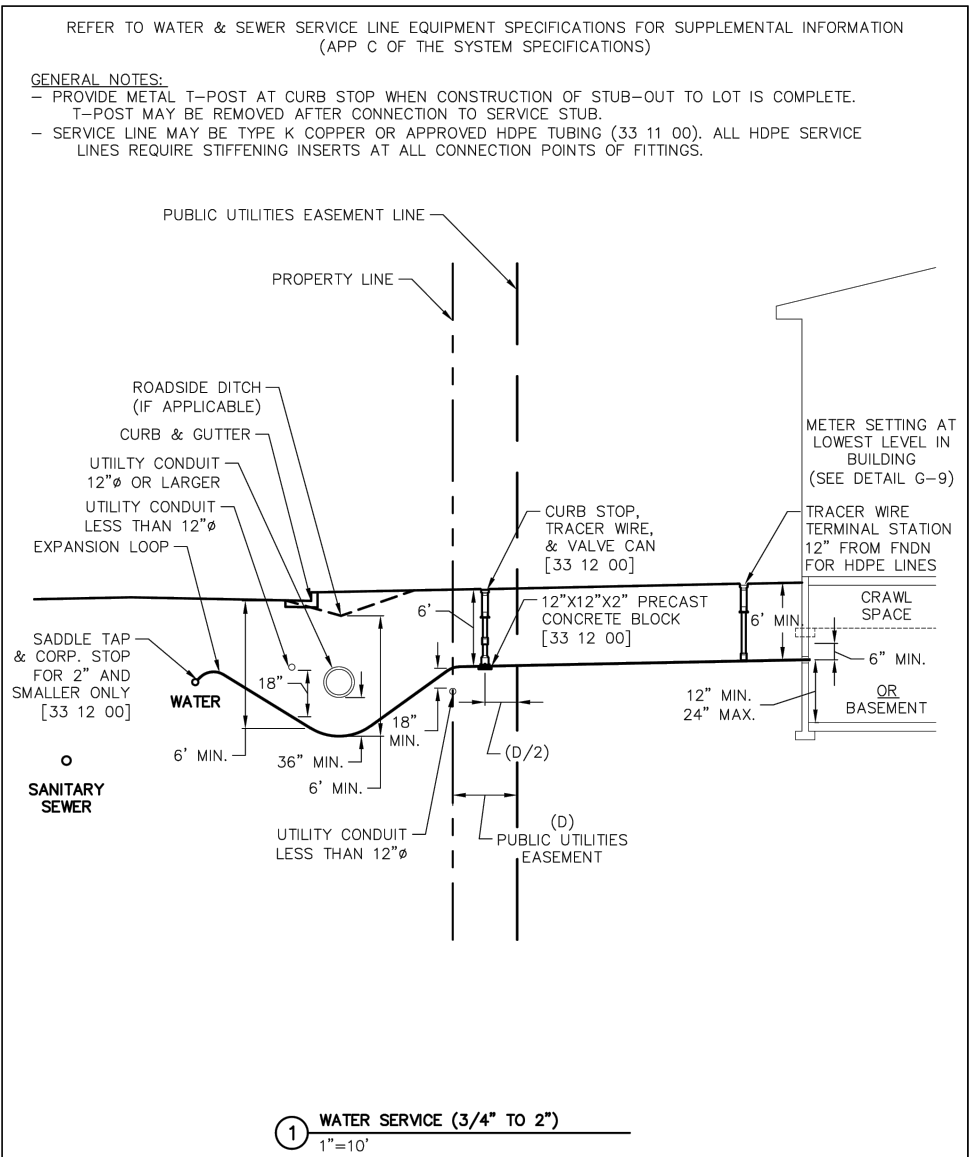
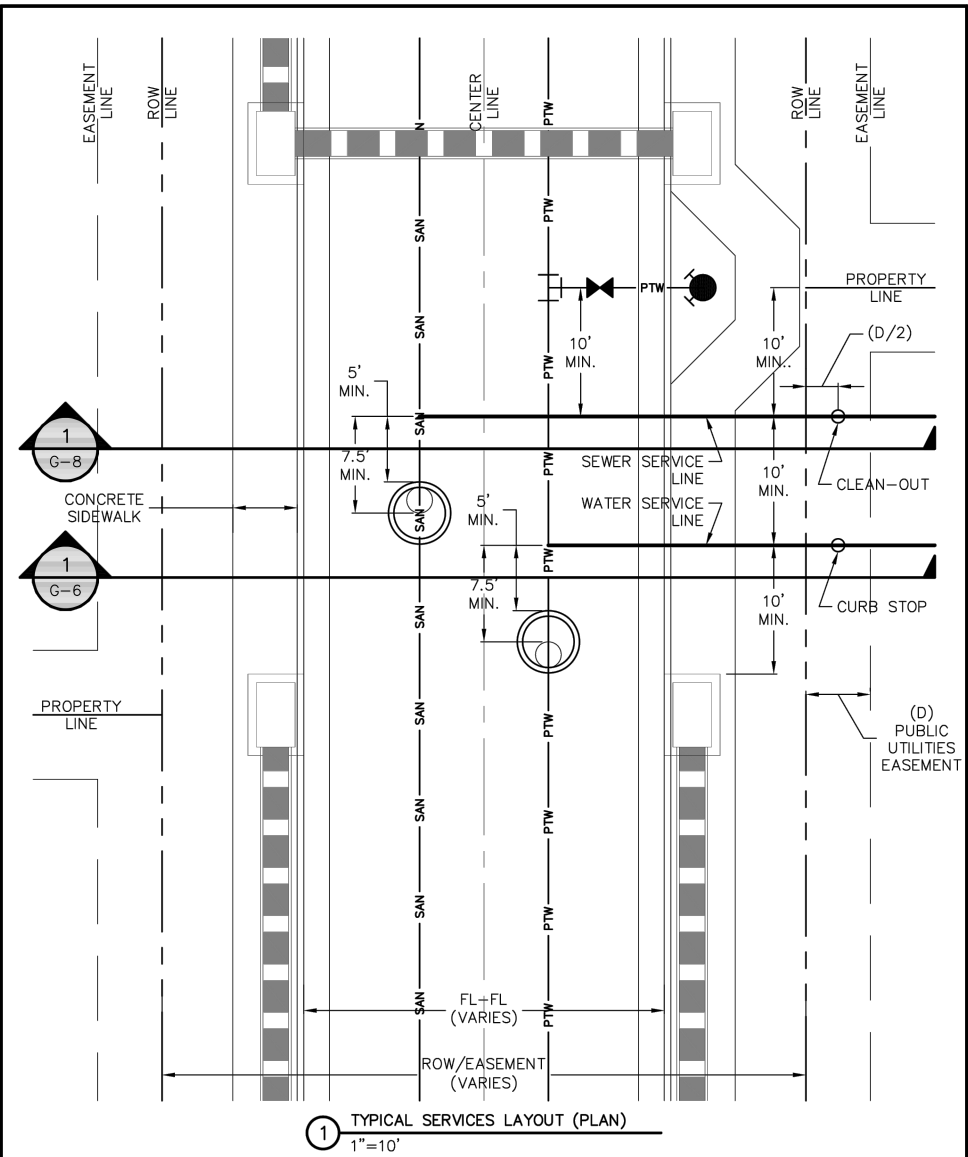
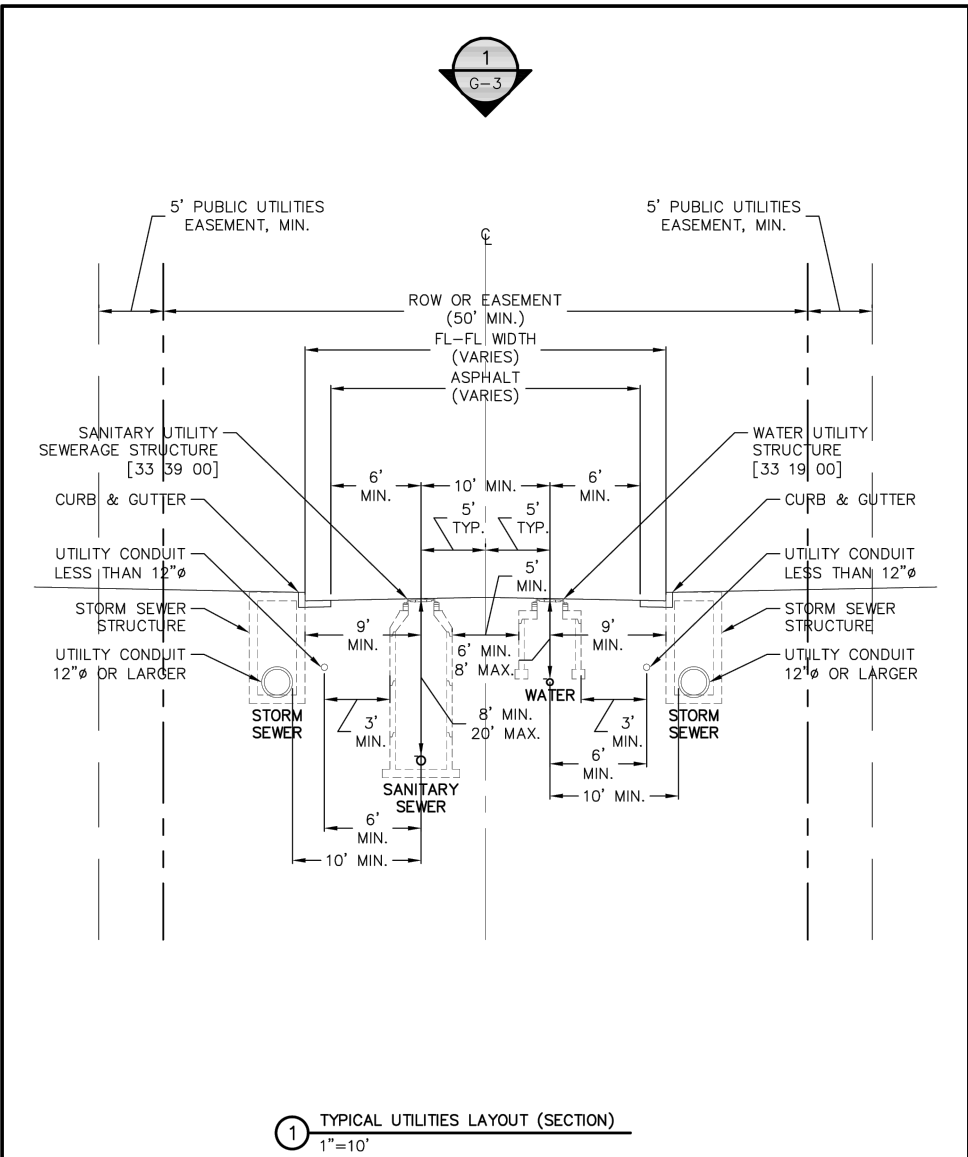
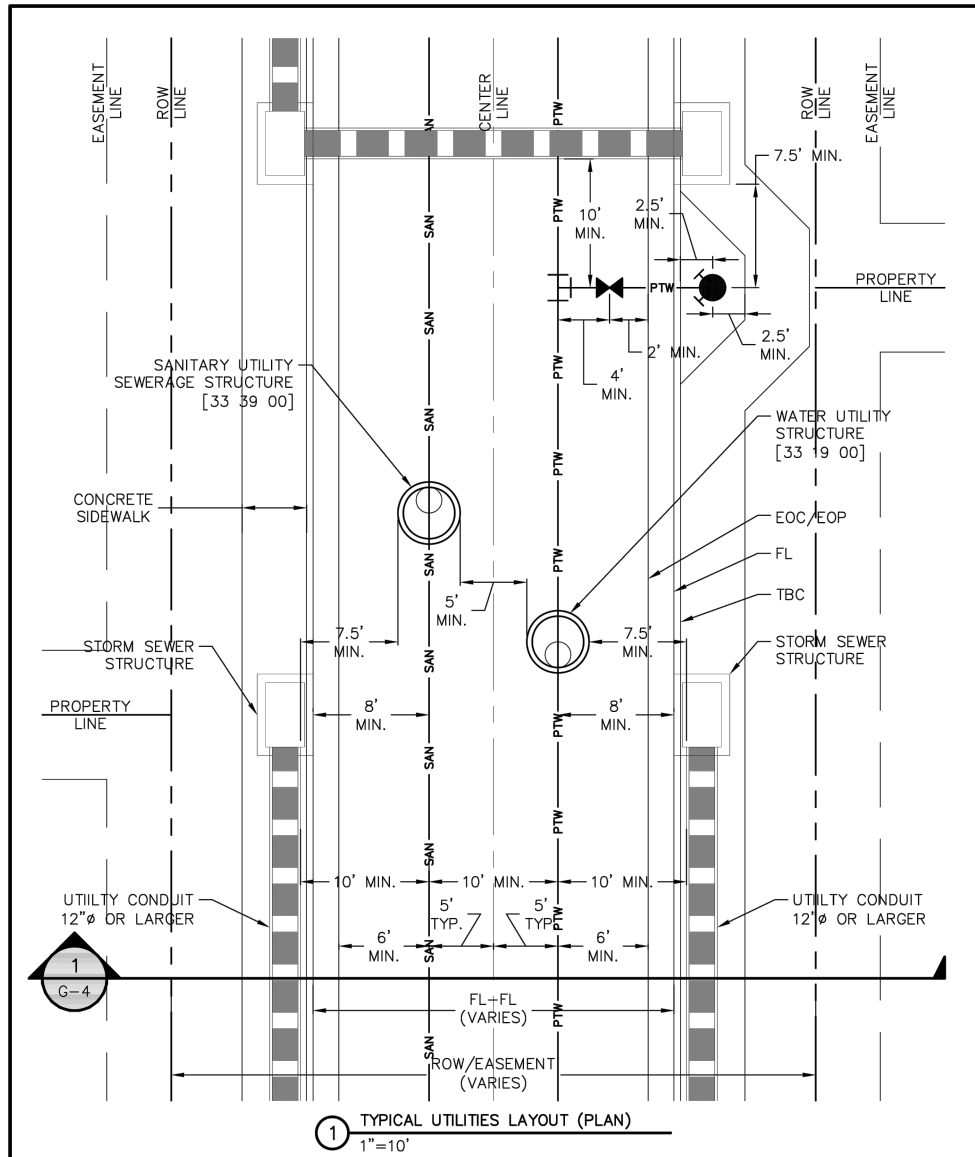
PREPARED FOR:
MONUMENT RIDGE EAST, LLC
5055 LIST DRIVE
COLORADO SPRINGS, CO 80919

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1655 W. UTAH STREET, SUITE 114
COLORADO SPRINGS, CO 80904
(719) 291-2744

MONUMENT RIDGE EAST
FILING NO. 1
UTILITY SERVICE PLAN

DESIGNED BY:	MGP	DRAWN BY:	MGP
SCALE:	1" = 40'	DATE:	04/28/25
JOB NUMBER	24-001	SHEET	10 OF 12



WOODMOOR WATER AND SANITARY DISTRICT NO. 1

APPROVED FOR CONSTRUCTION

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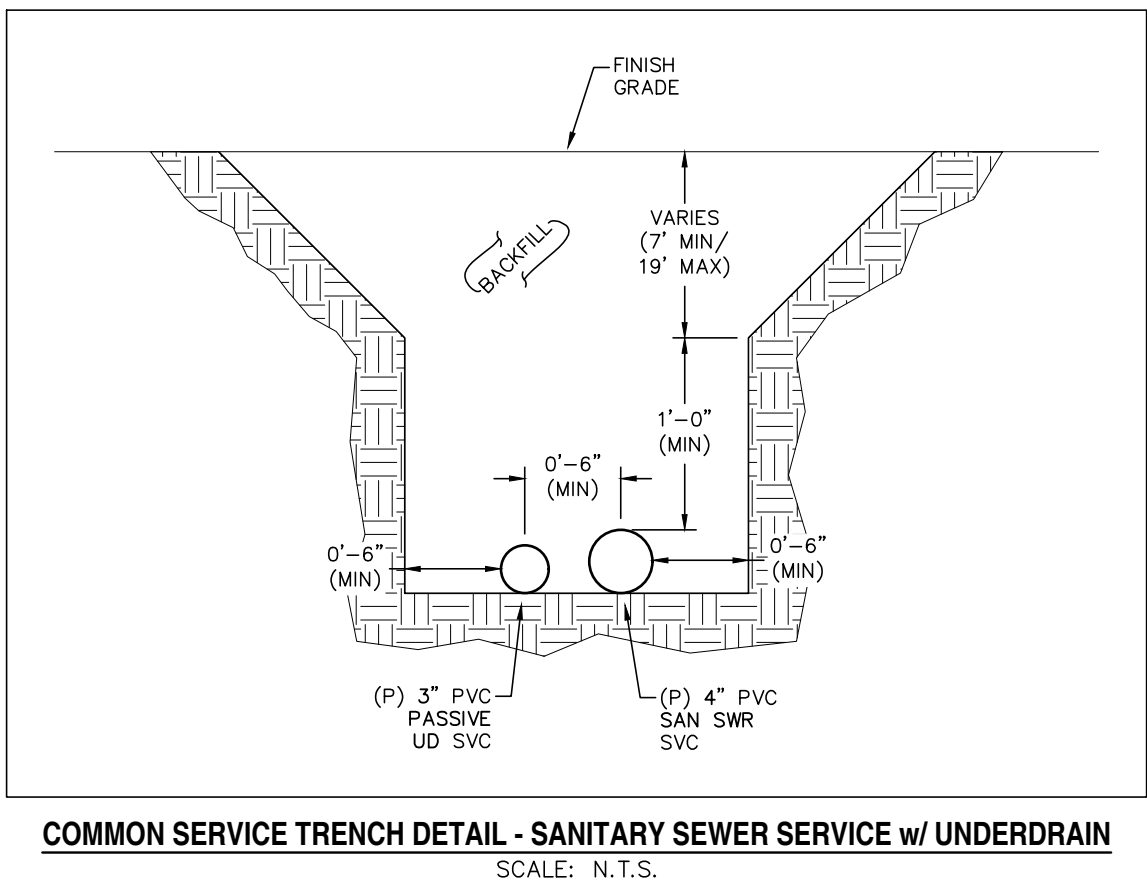
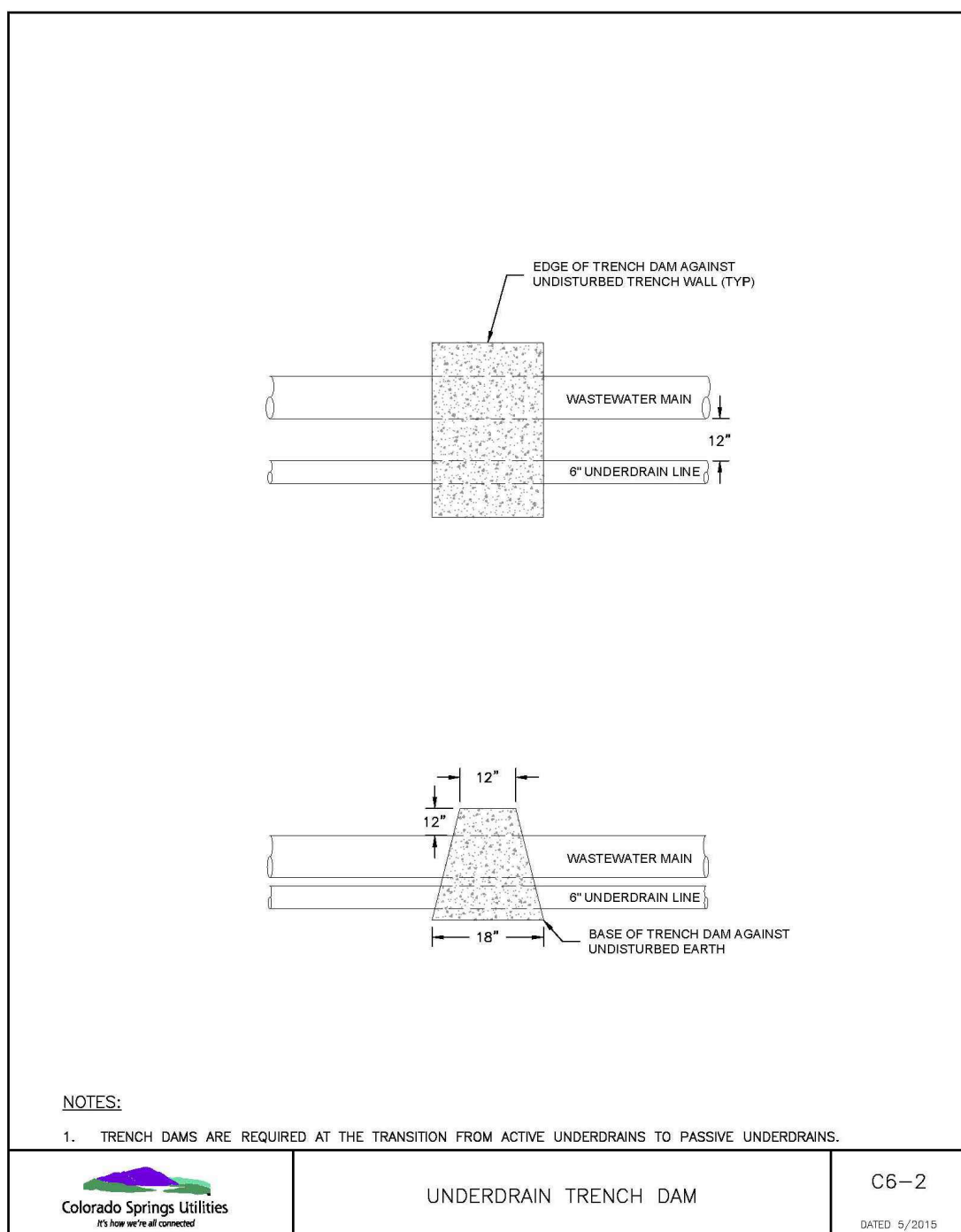
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COLORADO SPRINGS, CO 80904
(719) 291-2744

MONUMENT RIDGE EAST
FILING NO. 1
DETAIL SHEET

DESIGNED BY: MGP
DRAWN BY: MGP
SCALE: N/A
DATE: 04/28/25
JOB NUMBER: 24-001
SHEET: 11 OF 12

P:\Projects\24-001_MRD\DWG\24-001-11-DETAILS.dwg - PRC - Monday, May 12, 2025 9:35:53 AM - Manual Print



REF: COLORADO SPRINGS UTILITIES 2026 WASTEWATER LINE EXTENSION AND SERVICE STANDARDS

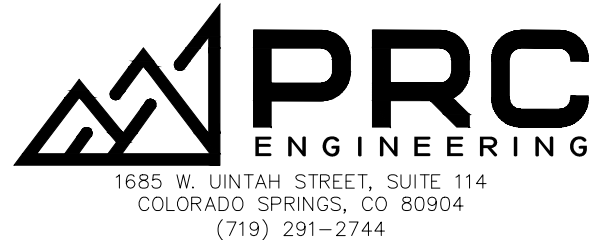


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MONUMENT RIDGE EAST
FILING NO. 1

DETAIL SHEET

DESIGNED BY: MGP	DRAWN BY: MGP
SCALE: N/A	DATE: 04/28/25
JOB NUMBER	SHEET
24-001	12 OF 12

APPROVED FOR CONSTRUCTION

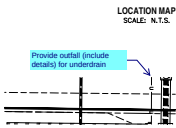
DATE _____ BY _____

BY _____

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V5_UT CDs.pdf Markup Summary

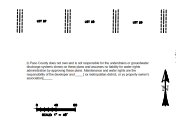
Callout (1)



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Page Label: 10
Author: CDurham
Date: 8/7/2026 4:01:21 PM
Status:
Color: ■
Layer:
Space:

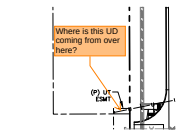
Provide outfall (include details) for underdrain

Image (1)



Subject: Image
Page Label: 10
Author: CDurham
Date: 8/7/2026 3:58:06 PM
Status:
Color: ■
Layer:
Space:

SW - Textbox with Arrow (3)



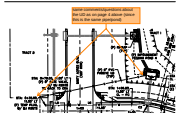
Subject: SW - Textbox with Arrow
Page Label: 4
Author: Glenn Reese - EPC Stormwater
Date: 8/12/2026 10:04:24 AM
Status:
Color: ■
Layer:
Space:

Where is this UD coming from over here?



Subject: SW - Textbox with Arrow
Page Label: 4
Author: Glenn Reese - EPC Stormwater
Date: 8/12/2026 10:05:55 AM
Status:
Color: ■
Layer:
Space:

The pond has not been sized for the flows from this underdrain. MHFD recommends all GW/underdrain flows be routed to past the outlet structure (or within the outlet structure, just past the orifice plate)



Subject: SW - Textbox with Arrow
Page Label: 6
Author: Glenn Reese - EPC Stormwater
Date: 8/12/2026 10:10:46 AM
Status:
Color: ■
Layer:
Space:

same comments/questions about the UD as on page 4 above (since this is the same pipe/pond)

Add this note:

Subject: Text Box
Page Label: 10
Author: CDurham
Date: 8/7/2026 3:58:57 PM
Status:
Color: 
Layer:
Space:

Add this note: