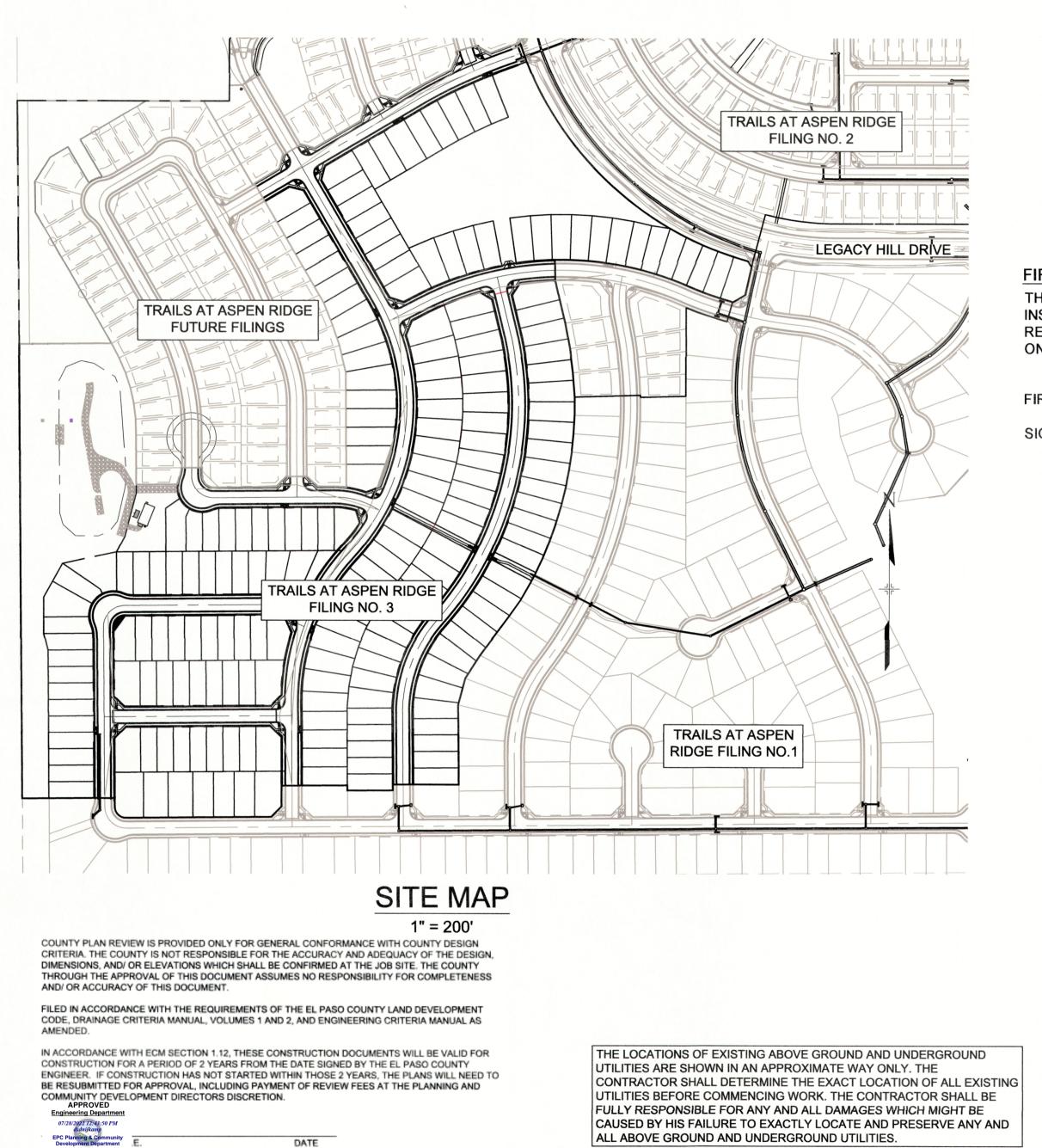
# TRAILS AT ASPEN RIDGE - FILING NO. EL PASO COUNTY, COLORADO **PUBLIC WATERLINE PLANS**

TS01 GN01	No.	SHEET NA	ME			SHEET No.
WT01		WATERLIN		FILE	OVERALL LAYOUT	1 2 3-13 14-16
OWNER/[	DEVELOPE	R		REEK PARKWAY, S PRINGS, CO 80921		
CIVIL ENG	GINEER			GN GROUP CH PARKWAY, SUI PRINGS, CO 80920		
WATER &	& SANITARY	Y SEWER	8495 FONTAIN COLORADO SI	ATER AND SANITA E BOULEVARD PRINGS, CO 80925 NISTER, (719) 390-7		
ELECTRIC	C		MOUNTAIN VIE (719) 495-2283	EW ELECTRIC ASS	OCIATION	
GAS			1521 HANCOC COLORADO SI	PRINGS UTILITIES K EXPRESSWAY PRINGS, CO JND (719) 668-4083	3	
STREET			EL PASO COU (719) 520-6460		ICES DEPARTMENT	
DRAINAG	Ε		EL PASO COU (719) 520-6460		ICES DEPARTMENT	
FIRE DEP	PARTMENT		SECURITY FIR 400 SECURITY SECURITY, CC (719) 392-7121	80911		
		NODE	FIRE FLOW (GPM)	PSI @ MDD		
		А	FIRE FLOW (GPM) 2297.03	PSI @ MDD 32.3		
		A B	FIRE FLOW (GPM) 2297.03 2280.51	PSI @ MDD 32.3 31.2		
		А	FIRE FLOW (GPM) 2297.03	PSI @ MDD 32.3 31.2 24.0		
		A B C	FIRE FLOW (GPM) 2297.03 2280.51 2260.96	PSI @ MDD 32.3 31.2		
		A B C D	FIRE FLOW (GPM) 2297.03 2280.51 2260.96 2248.39	PSI @ MDD 32.3 31.2 24.0 26.7		
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COMPUTER FILE MANAGEMENT FILE NAME: s:\20.886.028 (trails f3)\100 Dwg\104 plan sets\construction plans\utility plans\water plan\TS01.dwg CTB FILE: Matrix(black).ctb PLOT DATE: March 1, 2022 12:42:05 PM THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.

REVISIONS

## **MARCH 2022**



COUNTY ENGINEER / ECM ADMINISTRATOR SHEET KEY

BY

## BENCHMARK

## COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206

A BERNTSEN TOP SECURITY MONUMENT SYSTEM WITH A 3.5-INCH DIAMETER ALUMINUM CAP IN A ROAD BOX, LOCATED ON THE NORTHWEST CORNER OF FONTAINE BOULEVARD AND POWERS BOULEVARD,

ELEVATION - 5897.89' U.S. SURVEY FT

### BASIS OF BEARING

BEARINGS ARE BASED ON THE NORTH LINE OF TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. SAID LINE BEARS S89"51"23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 ½" AULM. CAP PLS 17664) TO THE N ½ CORNER OF SAID SECTION 9 (3 ½" AULM. CAP PLS 10377) BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 9,

PREPARED BY:

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FOR AND ON BEHALF OF       DESIGNED BY:       BAS       SCALE       DATE ISSUED:       MARCH 2023         MATRIX DESIGN GROUP, INC.       DRAWN BY:       BAS       HORIZ.       N/A	2 DR/

## WIDEFIELD WATER AND SANITATION DISTRICT GENERAL NOTES

- 1. ALL UTILITY CONSTRUCTION TO BE CONDUCTED IN CONFORMANCE WITH THE CURRENT WIDEFIELD WATER AND SANITATION DISTRICT SPECIFICATIONS. COMPACTION REQUIREMENTS SHALL BE 95% STANDARD PROCTOR AS DETERMINED BY ASTM D698, UNLESS OTHERWISE APPROVED BY THE WIDEFIELD WATER AND SANITATION DISTRICT OR A HIGHER STANDARD IS IMPOSED BY ANOTHER AGENCY HAVING **RIGHT-OF-WAY JURISDICTION.**
- 2. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE WIDEFIELD WATER AND SANITATION DISTRICT. THE WIDEFIELD WATER AND SANITATION DISTRICT RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- 3. THE DEVELOPER OR HIS ENGINEER HAS LOCATED ALL FIRE HYDRANTS AND FUTURE SERVICE STUBS. ANY REQUIRED REALIGNMENT, EITHER HORIZONTAL OR VERTICAL, SHALL BE AT THE EXPENSE OF THE DEVELOPER.
- 4. ALL DUCTILE IRON PIPE, TO INCLUDE FITTINGS, VALVES AND FIRE HYDRANTS WILL BE WRAPPED WITH POLYETHYLENE TUBING, AND ELECTRICALLY ISOLATED.
- 5. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE DOUBLE BONDED. SPECIFICATIONS FOR CATHODIC PROTECTION ON BOTH DIP MAINS AND PVC MAINS IS SPECIFIED IN THE STANDARDS AND SPECIFICATIONS.
- 6. PVC MAIN LINES SHALL BE INSTALLED WITH COATED NO. 12 TRACER WIRE.
- 7. THE CONTRACTOR IS REQUIRED TO NOTIFY THE WIDEFIELD WATER AND SANITATION DISTRICT (390-7111) A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION ADJACENT TO THE KNOWN UTILITY LINES.
- 8. THE LOCATION OF ALL UTILITIES AS SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED PRIOR TO CONSTRUCTION BY THE CONTRACTOR.
- 9. THE CONTRACTOR SHALL FIELD EXCAVATE AND VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF ALL TIE-INS. CONTRACTOR SHALL NOTIFY THE WIDEFIELD WATER AND SANITATION DISTRICT AND THE ENGINEER OF THE FIELD VERIFIED INFORMATION PRIOR TO CONSTRUCTION.
- 10. ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION.
- 11. ANY WATER UTILITY MATERIAL REMOVED AND NOT REUSED SHALL BE RETURNED TO THE WIDEFIELD WATER AND SANITATION DISTRICT IF THE DISTRICT SO REQUESTS.
- 12. THE CONTRACTOR SHALL AT HIS EXPENSE SUPPORT AND PROTECT ALL UTILITY MAINS SO THAT THEY WILL FUNCTION CONTINUOUSLY DURING CONSTRUCTION. SHOULD A UTILITY MAIN FAIL AS A RESULT OF THE CONTRACTOR'S OPERATION, IT WILL BE REPLACED IMMEDIATELY BY EITHER THE CONTRACTOR OR THE WIDEFIELD WATER AND SANITATION DISTRICT AT FULL COST OF LABOR AND MATERIALS TO THE CONTRACTOR.
- 13. ANY PUMPING OR BYPASS OPERATIONS MUST BE REVIEWED AND APPROVED PRIOR TO EXECUTION BY BOTH THE WIDEFIELD WATER AND SANITATION DISTRICT AND THE ENGINEER.
- 14. CONTRACTOR MUST REPLACE OR REPAIR ANY DAMAGE TO ALL SURFACE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO FENCES, CURB AND GUTTER AND/OR ASPHALT THAT MAY BE CAUSED DURING CONSTRUCTION.
- 15. ALL WATER LINES 6" AND LARGER, AND ALL SEWER LINES 8" AND LARGER, SHALL HAVE AS "AS-BUILT" PLANS PREPARED AND APPROVED PRIOR TO FINAL ACCEPTANCE BY THE WIDEFIELD WATER AND SANITATION DISTRICT.
- 16. PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION CONFERENCE IS REQUIRED A MINIMUM OF 72 HOURS IN ADVANCE OF COMMENCEMENT OF 7. WORK. TO SET THE PRE-CONSTRUCTION CONFERENCE, CONTACT BRANDON BERNARD-WATER DIVISION MANAGER AND/OR JASON DREESSEN, WASTEWATER DIVISION MANAGER AT (719)955-0548 OF THE WIDEFIELD WATER AND SANITATION DISTRICT FOR A TIME. NO PRE-CONSTRUCTION CONFERENCE TIMES WILL BE SET UNTIL 4 SETS OF SIGNED DRAWINGS ARE RECEIVED BY THE WIDEFIELD W & S DISTRICT. PRE-CONSTRUCTION DATE/INITIALS

## ABBREV/IATIONS

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ASSY BOP BOV CPLG. (INS.) (RED.) (STR.) CRA CTRB DEFL DIP EL. EX FLG FH GPM GRD BRK HYD ASSY INV LT MIN MJ N,S,E,W PL PSI PVC RCP RED RSNTS RT SJ SS STA STS TOP TYP WL	BLOW COUP (INS (RE (ST CONC CONC DEFLE DUCT ELEV/ EXIST FLANC FIRE F GALLC V.P.I. INCLU TIE RC INVER LEFT MINIM MECH NORT POUN POLY REDU MJ RE RIGHT SLIP J SANIT STOR TOP C TYPIC WATE	DM OF OFF AS LING SULATII DUCIN RAIGH RETE I RETE I CT ILE IRC ATION ING GRADE DDS, AI DDS, AI DDS, AI COF CEN UM ANICAI H,SOU ERTY L OF CEN OF CEN	SSEMBLY NG) G) T) REVERSE THRUST DN PIPE NT ER MINUT E BREAK RE HYDF ND REVE NTER LIN L JOINT TH,EAST LINE R SQUAR CHLORID D CONCF NT (i.e. M ENTER LI EWER	E ANCHO REACTIO E RANT, LA RSE ANO E WEST E INCH E PIPE ETE PIP EGALUG	R IN BLOC TERAL, CHOR.				E-G		VA BL PL PL PF CL EX PF CL EX PF EX PF EX PF EX PF MA	EXIST FF (PI FF (E) G FIR G FIR SED F G GA G WA SED V SED V SED V SED V SED S G SAI SED S G SAI SED S G MA	ring) Ropo Xistin Dsed Ng) E Hyi Ire H Ine S Mai Ter Vatef Vatef Vatef Vatef Orm I STORM SAN. S NHOL	PSED) NG) DRAN <sup>-</sup> IYDRA N R (8") R (12") R (16") DRAIN A DRA WER EWEF E	NT	
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CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).

CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN. THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING: a. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)

c. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION d. CDOT M & S STANDARDS NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM

DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.

5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.

6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.

(ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST

IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT PERMITS.

CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.

9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.

10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.

12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.

13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTCO CRITERIA, IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]

14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT. INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.

15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

No. DATE DESCRIPTION REVISIONS COMPUTER FILE MANAGEMENT FILE NAME: S:\20.886.028 (Trails F3)\100 Dwg\104 Plan Sets\Construction Plans\Utility Plans\Water Plan\GN01.dwg CTB FILE: Matrix(black).ctb PLOT DATE: July 27, 2022 11:39:42 AM

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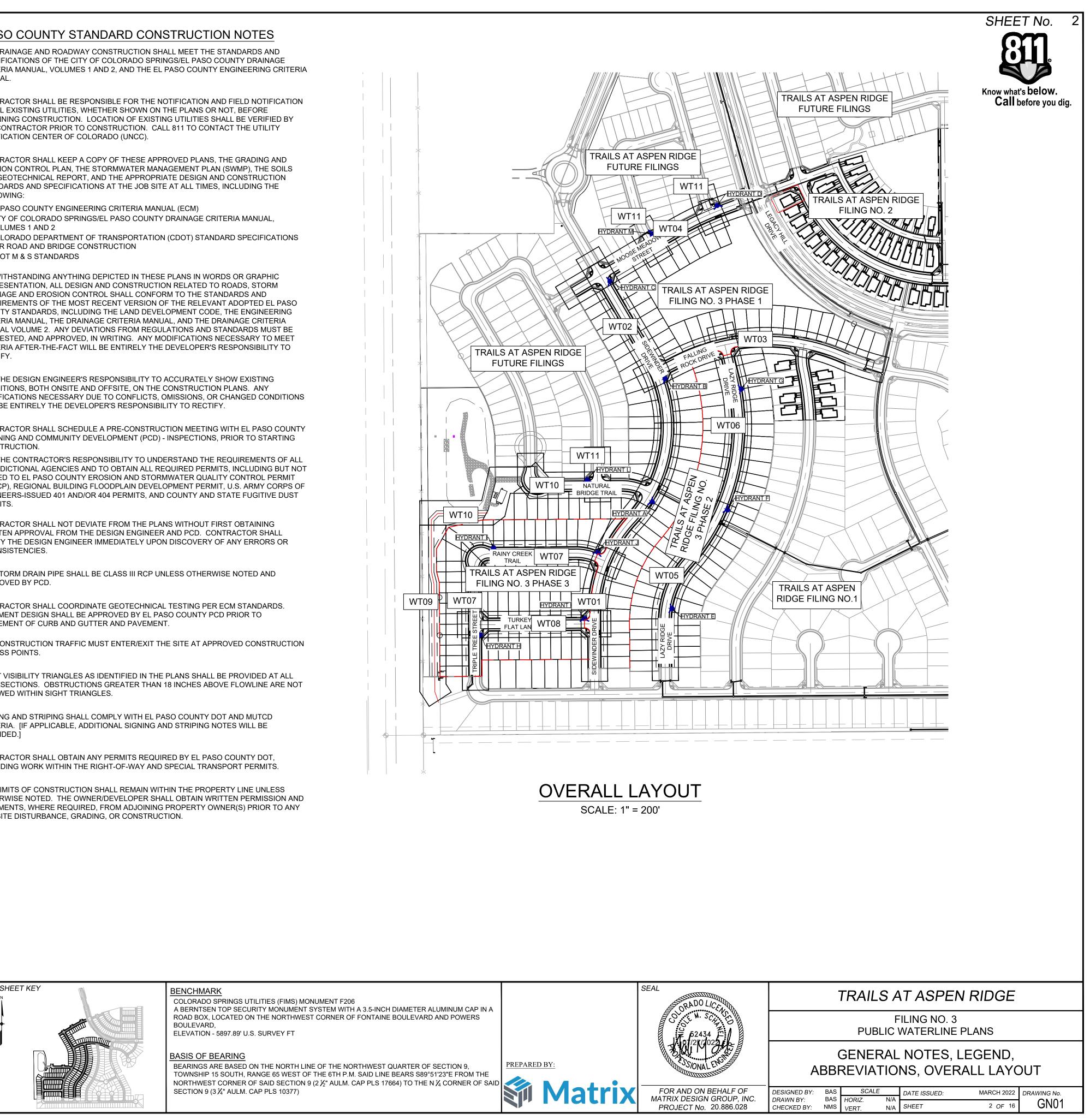
## EL PASO COUNTY STANDARD CONSTRUCTION NOTES

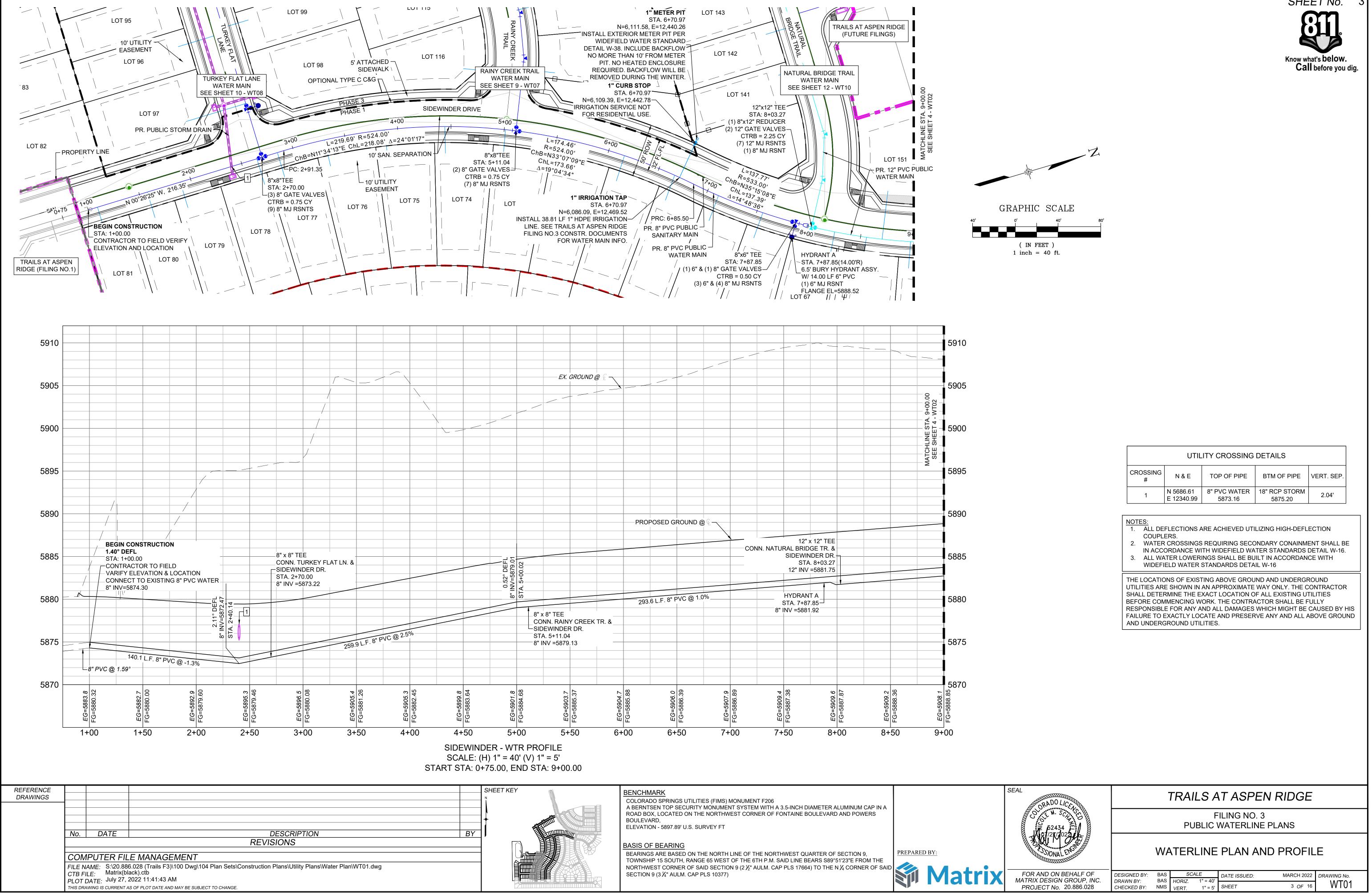
ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.

b. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2

11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.



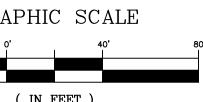




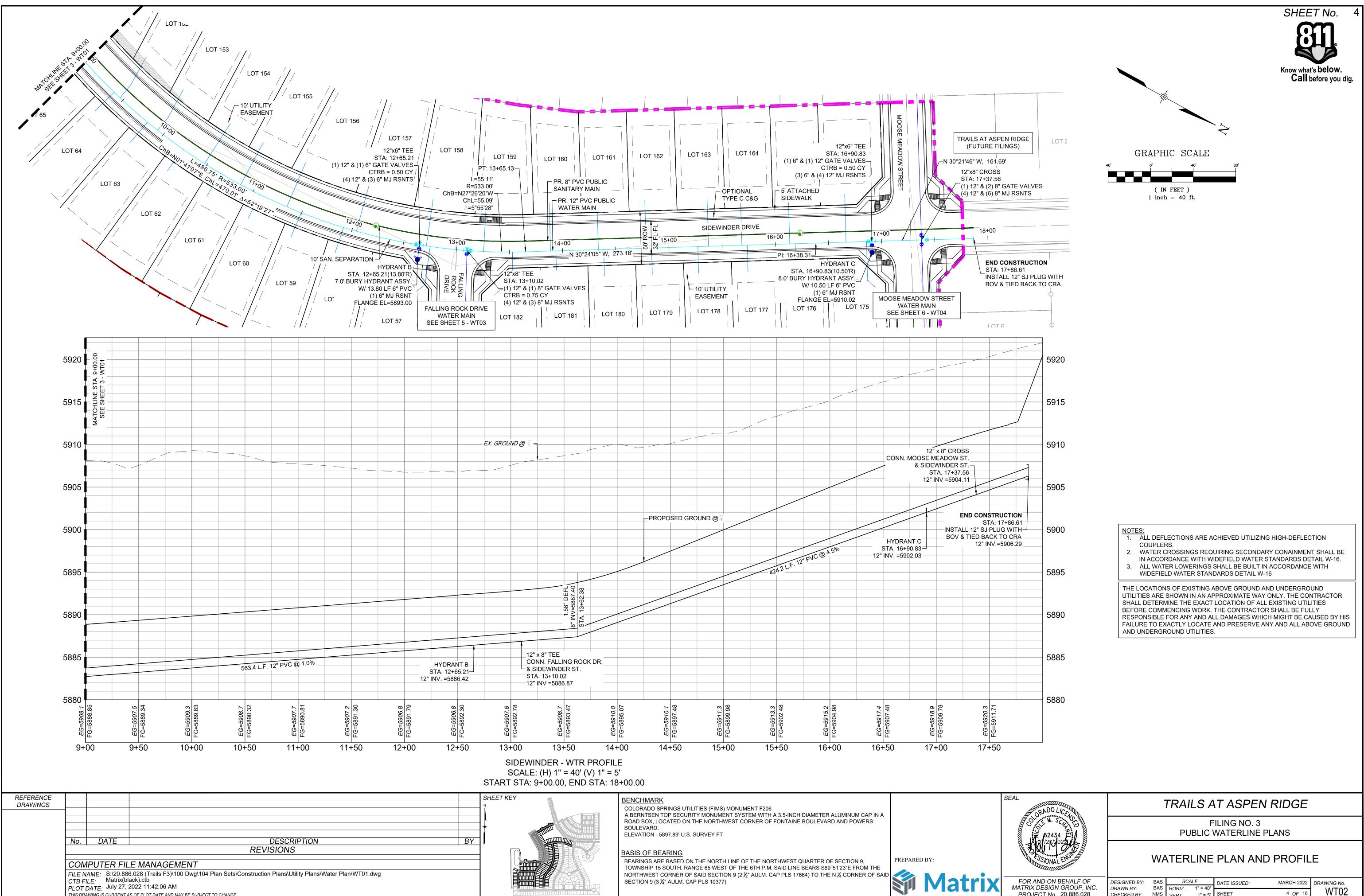
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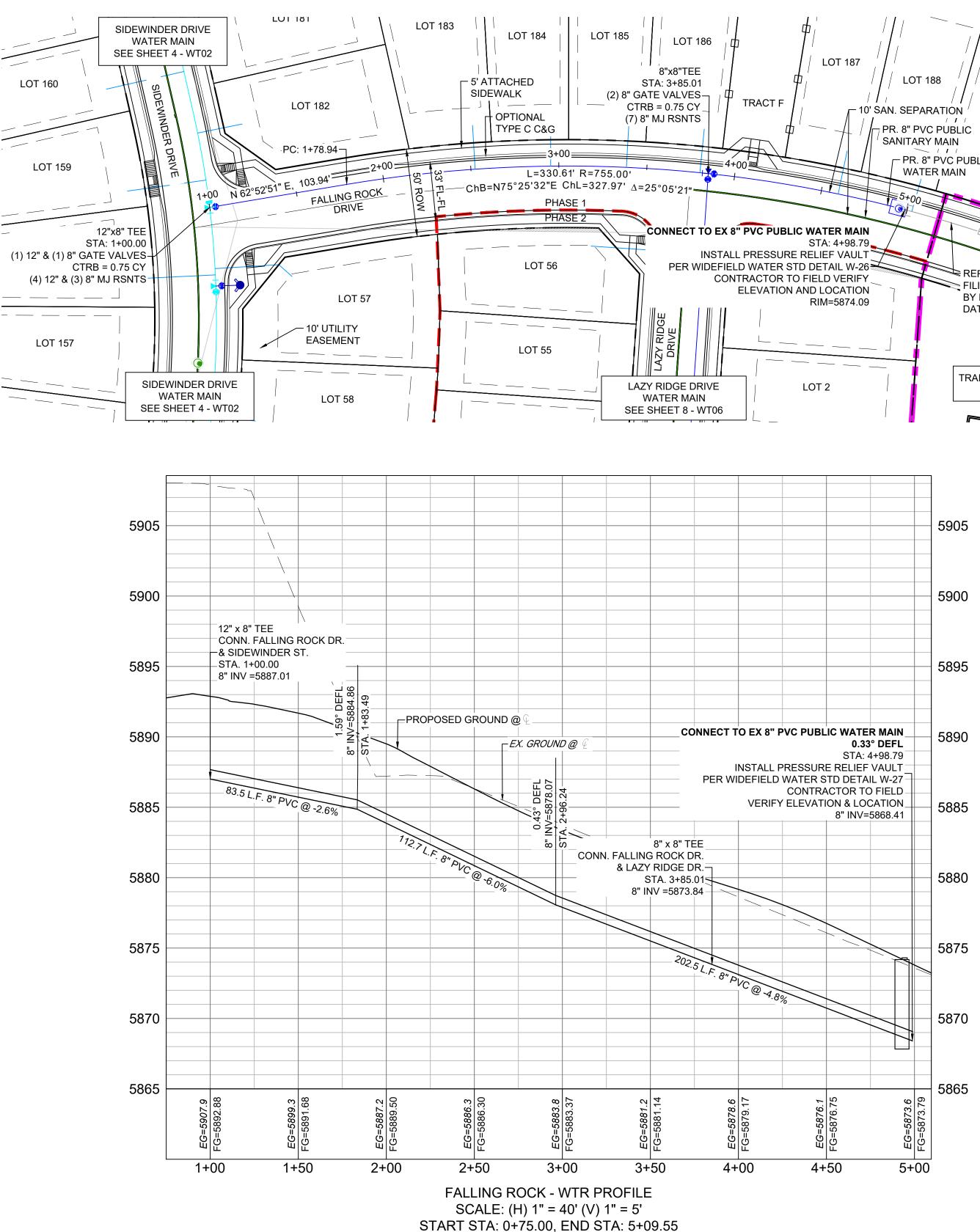


UTILITY CROSSING DETAILS							
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.			
1	N 5686.61 E 12340.99	8" PVC WATER 5873.16	18" RCP STORM 5875.20	2.04'			

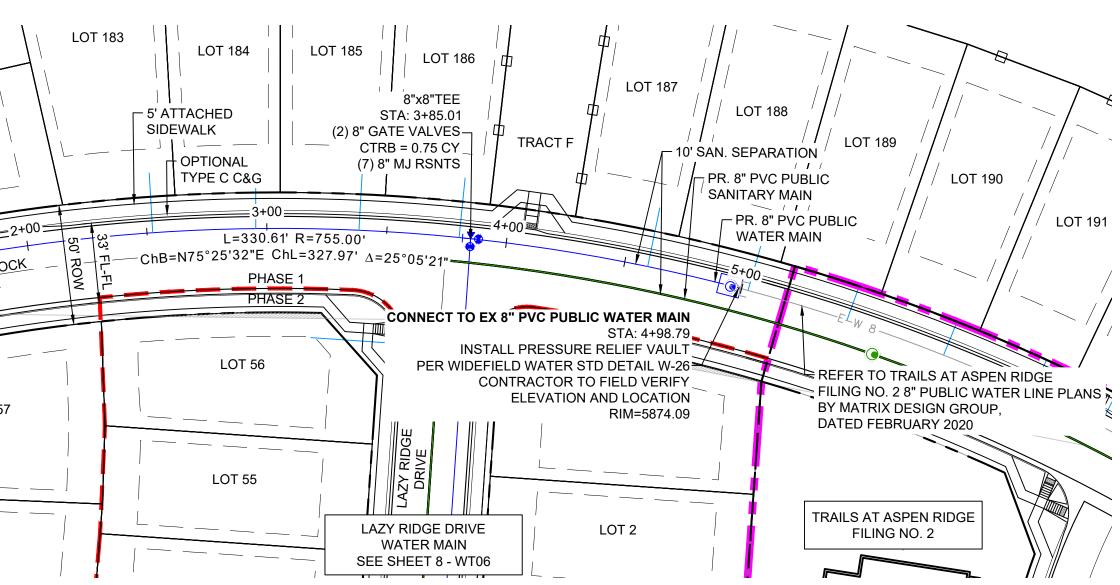


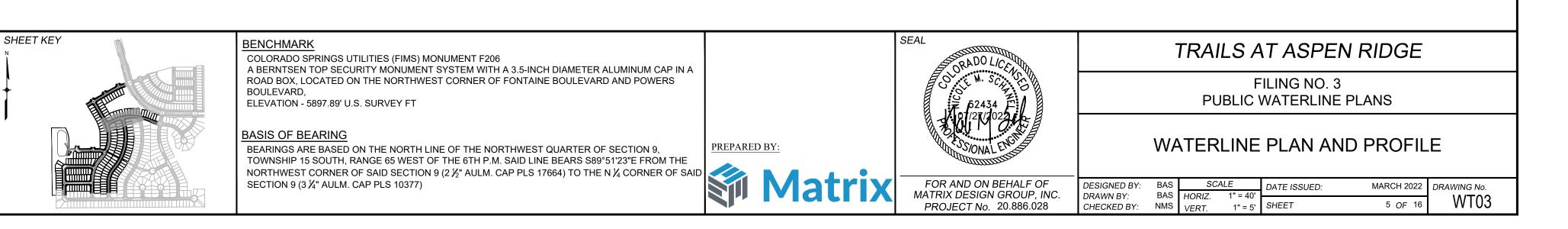
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FOR AND ON BEHALF OF	DESIGNED BY:	BAS	SCA	ALE	DATE ISSUED:	MARCH 2022	DRAWING No.
ATRIX DESIGN GROUP, INC. PROJECT No. 20.886.028	DRAWN BY: CHECKED BY:	BAS NMS	HORIZ. VERT.	1" = 40' 1" = 5'	SHEET	4 OF 16	WT02



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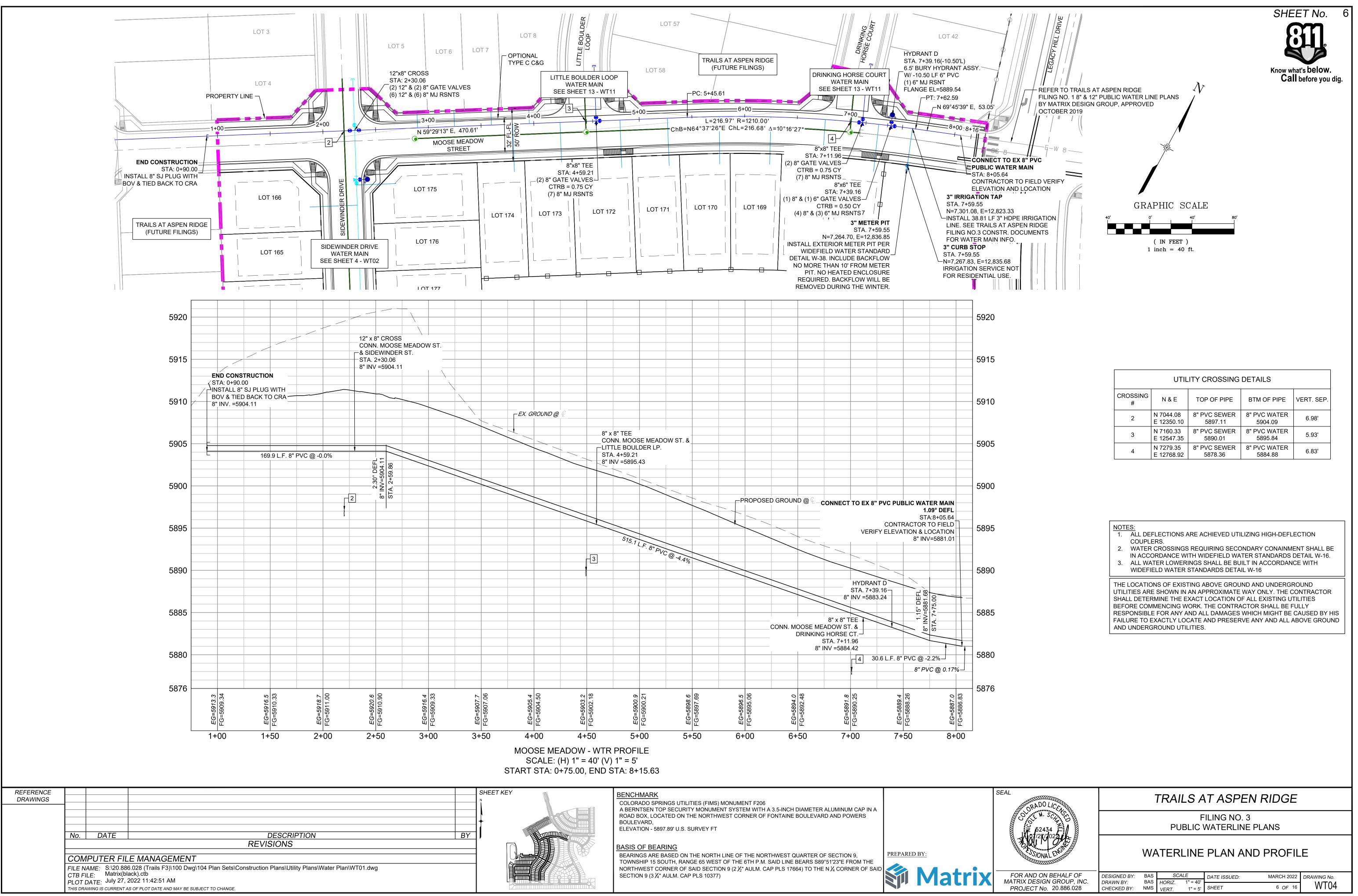


GRAPHIC	C SCALE	
0'	40' 	8
( IN F 1 inch =		

NOTES 1. ALL DEFLECTIONS ARE ACHIEVED UTILIZING HIGH-DEFLECTION COUPLERS.

2. WATER CROSSINGS REQUIRING SECONDARY CONAINMENT SHALL BE IN ACCORDANCE WITH WIDEFIELD WATER STANDARDS DETAIL W-16. 3. ALL WATER LOWERINGS SHALL BE BUILT IN ACCORDANCE WITH WIDEFIELD WATER STANDARDS DETAIL W-16

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

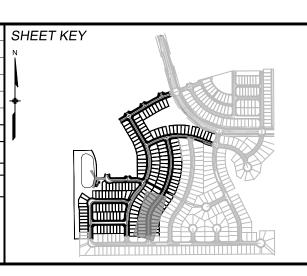


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NING IS	CURRENT	AS OF PL	OT DATE	RE SUR	IECT

UTILITY CROSSING DETAILS									
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.					
2	N 7044.08 E 12350.10	8" PVC SEWER 5897.11	8" PVC WATER 5904.09	6.98'					
3	N 7160.33 E 12547.35	8" PVC SEWER 5890.01	8" PVC WATER 5895.84	5.93'					
4	N 7279.35 E 12768.92	8" PVC SEWER 5878.36	8" PVC WATER 5884.88	6.83'					

LOT TRAILS AT ASPEN RIDGE FILING NO. 1	, <b>\</b> \	LOT 30	LOT : N. SEPA	, <b>\</b> \	LOT 32	LOT	(2) 8" &	LOT 34 S (1) 6" GA CTR 3" & (3) 6
AN SAN E-W 8	1+0		$\top$	W, 187.86			6.5' Bl	PC: 2 STA. 3+1 JRY HYD W/ 14. (1) FLANGE
REFER TO TRAILS AT ASPEN RIDGE FILING NO. 1 8"&12" PUBLIC WATER LINE PLANS BY MATRIX DESIGN GROUP, DATED OCTOBER 2019		STA: 1+( CONTRA ELEVAT	00.00 ACTOR T	O FIELD	ΟN N		LOT 2	
5885								
						EX. 0	GROUND @	
5880	)							
5875	/	0.11° I STA: 1 CONT VERIF	<b>DEFL</b> I+00.00 RACTOR	EX 8" PV TO FIEL	C PUBLIC	WATER	MAIN	
5870								
5865		-8" PVC @	0.99%					
5862	EG=5873.7	FG=5870.37	EG=5872.3		EG=5877.5			FG=5871.63
		00		50	2+			·50

REFERENCE									
DRAWINGS									
	No.	DATE	DESCRIPTION		BY				
			REVISIONS						
	COMPUTER FILE MANAGEMENT								
	CTB FI	IF Matrix(bla	6.028 (Trails F3)\100 Dwg\104 Plan Sets\Construction Plans\Utility Plans\Water Plan\WT01.dwg ack).ctb 2022 11:43:16 AM						
			S OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.						



SCALE: (H) 1" = 40' (V) 1" = 5' START STA: 0+75.00, END STA: 6+50.00

BENCHMARK

COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206 A BERNTSEN TOP SECURITY MONUMENT SYSTEM WITH A 3.5-INCH DIAMETER ALUMINUM CAP IN A ROAD BOX, LOCATED ON THE NORTHWEST CORNER OF FONTAINE BOULEVARD AND POWERS

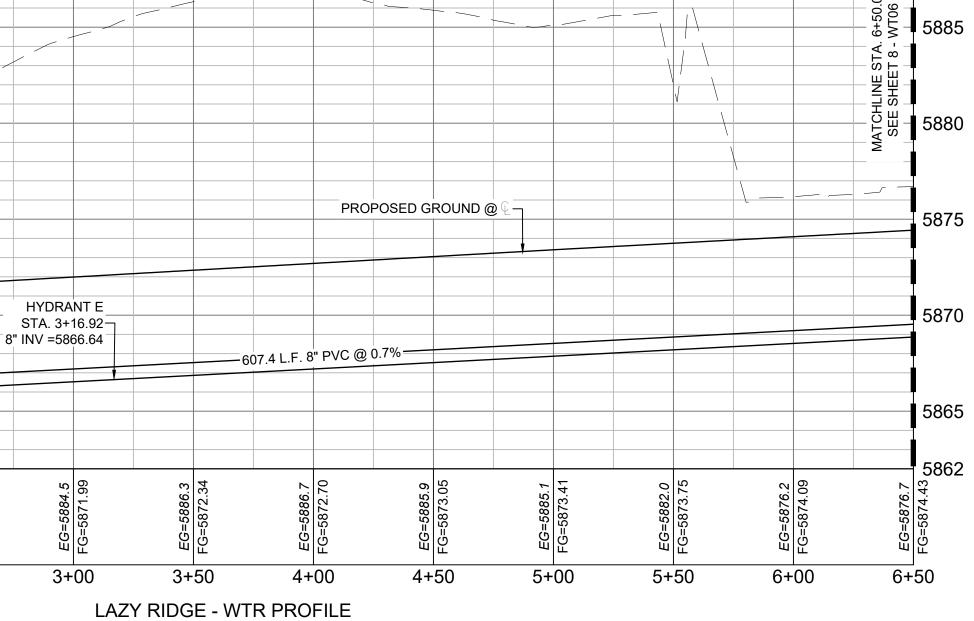
BOULEVARD,

ELEVATION - 5897.89' U.S. SURVEY FT

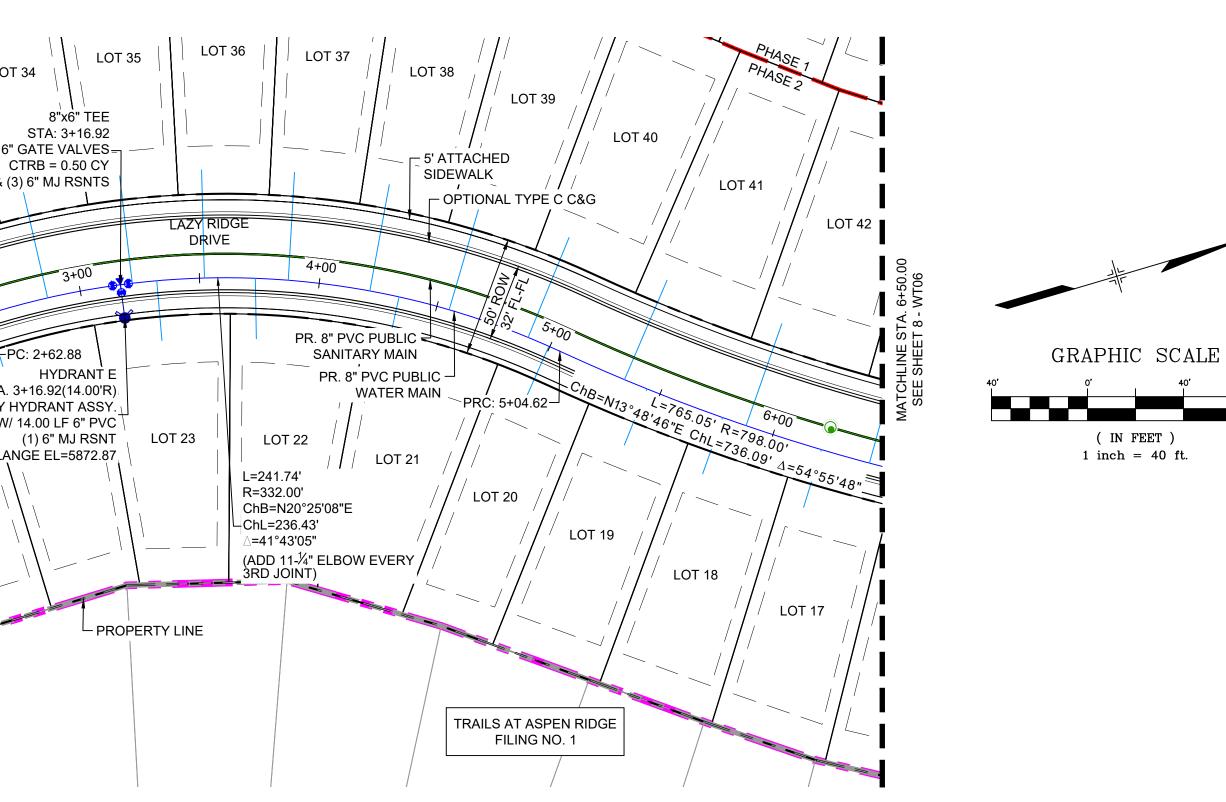
## BASIS OF BEARING

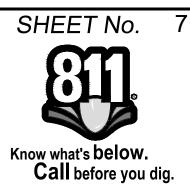
BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 9, BEARINGS ARE BASED ON THE NORTHER OF THE 6TH P.M. SAID LINE BEARS \$89°51'23'E FROM THE TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. SAID LINE BEARS \$89°51'23'E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 ½" AULM. CAP PLS 17664) TO THE N ½ CORNER OF SAID SECTION 9 (3 ¼" AULM. CAP PLS 10377)

PREPARED BY: Matrix



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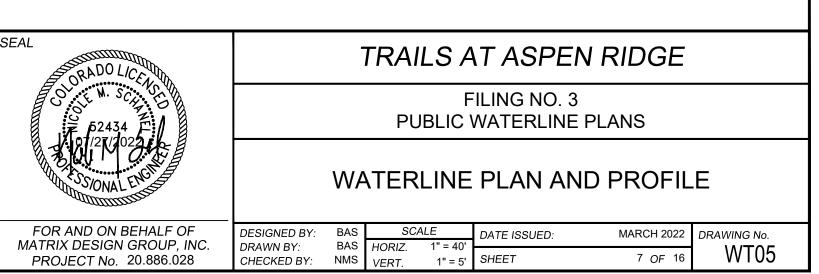


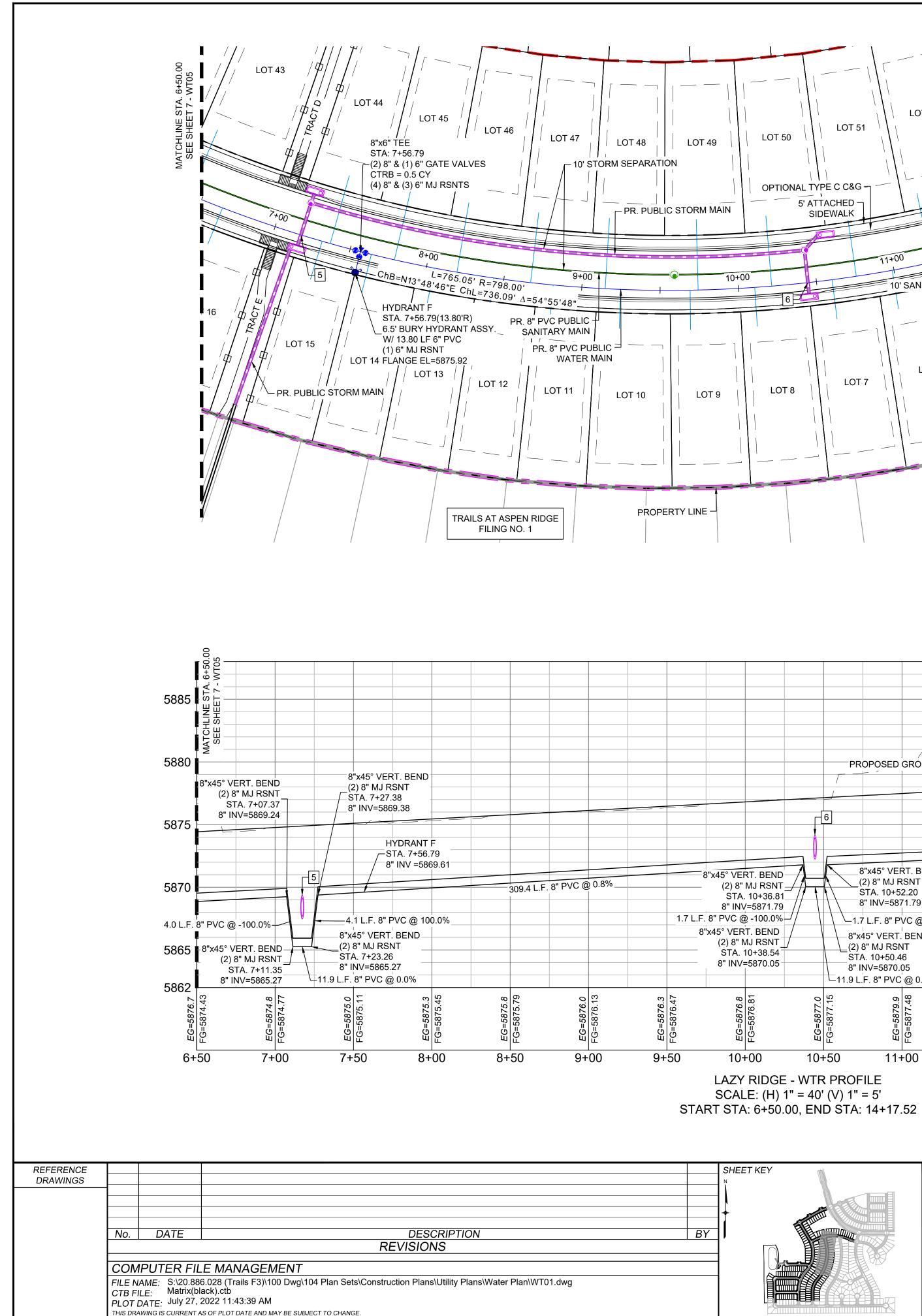
NOTES

1. ALL DEFLECTIONS ARE ACHIEVED UTILIZING HIGH-DEFLECTION COUPLERS.

2. WATER CROSSINGS REQUIRING SECONDARY CONAINMENT SHALL BE IN ACCORDANCE WITH WIDEFIELD WATER STANDARDS DETAIL W-16. 3. ALL WATER LOWERINGS SHALL BE BUILT IN ACCORDANCE WITH WIDEFIELD WATER STANDARDS DETAIL W-16

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BOULEVARD, ELEVATION - 5897.89' U.S. SURVEY FT

**BASIS OF BEARING** 

11+50

ROAD BOX, LOCATED ON THE NORTHWEST CORNER OF FONTAINE BOULEVARD AND POWERS

## BENCHMARK

COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206 A BERNTSEN TOP SECURITY MONUMENT SYSTEM WITH A 3.5-INCH DIAMETER ALUMINUM CAP IN A

12+00

12+50

BEARINGS ARE BASED ON THE NUKLINE OF THE 6TH P.M. SAID LINE BEARS S89°5123 E FINOW THE TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. SAID LINE BEARS S89°5123 E FINOW THE NORTHWEST CORNER OF SAID SECTION 9 (2 ½" AULM. CAP PLS 17664) TO THE N ½ CORNER OF SAID

13+00

13+50

14+00

PREPARED BY:

																		5885
					/				EX.	GROUND @	2 2 1							
				PROPOSED	GROUND	<b>@</b> @												5880
			1													8" x 8" TE		
			_/					HYDR	ANT G						& LAZ	NG ROCK DE	۲.–	
			6						+20.34							STA. 14+07.5 INV =5873.8		5875
											0.0%							
			F	01.45%)/5					355.3 L.F	. 8" PVC @	0.6%							
(2) 8"	RT. BEND MJ RSNT	_// <b>}</b>		8"x45° VE	RSNT													5870
	10+36.81 /=5871.79		$\left\{ \right\}$	STA. 10+5 8" INV=58													7	
	9 -100.0%	$\neg /  $	$  \rangle $	└_1.7 L.F. 8" P	VC @ 100	.0%												
x45° VER (2) 8" N	T. BEND /J RSNT		$\left  \right $	_8"x45° VERT _(2) 8" MJ RSI												•		5005
	10+38.54 <sup>-</sup> =5870.05-			_(2) 0 105 105 _STA. 10+50.4 8" INV=5870.	6													5865
			1	1.9 L.F. 8" PVC	1													5000
6.8	6.81	0.7.	7.15	0.0	7.48	<u>ب</u> ۲	7.82	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	8.16	81.4	8.50	32.6	8.82	4 4	9.10	<u>'</u> 9.2	9.90	5862
G=587	FG=5876.81	EG=5877.0	FG=5877.15	G=587	FG=5877.48		FG=5877.82	FG=5882 7	FG=5878.16	EG=5881.4	FG=5878.50	EG=5882.6	FG=5878.82	EG=5884.4	FG=5879.10	G=587	FG=5879.90	
Ű	Щ	Щ	Щ	Щ	Ц	ŭ		ŭ		Щ	Ш	Щ	Щ	Ŭ	Ц	Ш	Ч	

LOT 54 LOT 53 8"x8"TEE STA: 14+07.52 LOT 52 8"x6" TEE (2) 8" GATE VALVES STA: 12+20.34 PT: 12+69.67- $\Delta$  CTRB = 0.75 CY (2) 8" & (1) 6" GATE VALVES (7) 8" MJ RSNTS CTRB = 0.5 CY (4) 8" & (3) 6" MJ RSNTS 147.8 13°39'08" W, LOT 187 LAZY RIDGE DRIVE PHASE 1: INSTALL 8" PLUG W/ BOV PHASE 2: REMOVE 8" PLUG W/ BOV dT 1 & BEGIN CONSTRUCTION FALLING ROCK DRIVE STA: 13+64.37 WATER MAIN N:6740.86 SEE SHEET 5 - WT03 10' SAN. SEPARATION -E:12846.67 LOT 3 HYDRANT G STA. 12+20.34(13.80'R) LOT 4 6.5' BURY HYDRANT ASSY. W/ 13.80 LF 6" PVC LOT 5 (1) 6" MJ RSNT LOT 6 FLANGE EL=5879.07 TRAILS AT ASPEN RIDGE FILING NO. 2









GRAPHIC SCALE

( IN FEET )

1 inch = 40 ft.



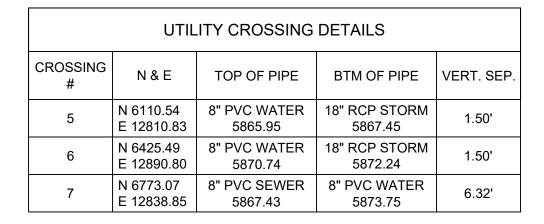
LOT 190

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LOT 191

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LOT 192



SHEET No.

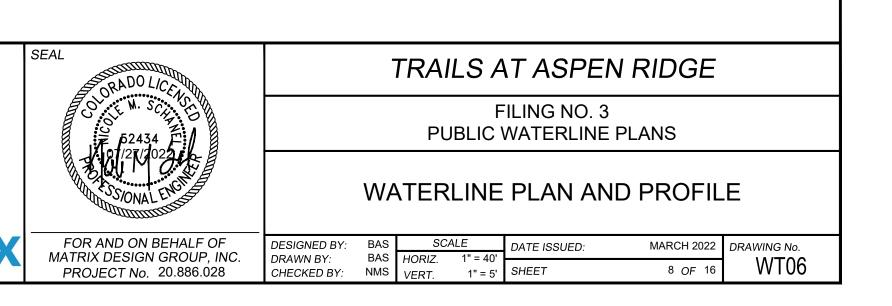
Know what's **below**.

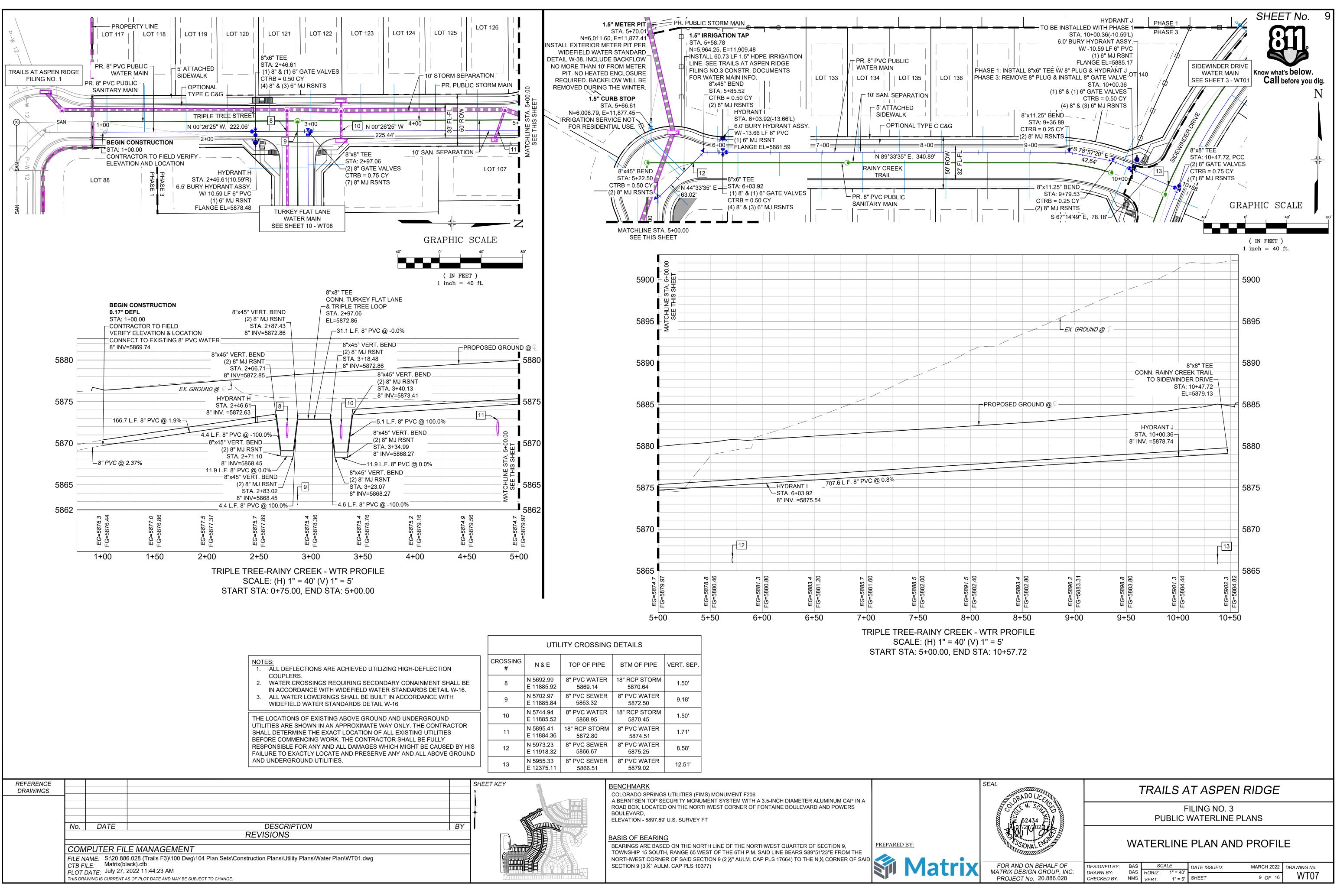
Call before you dig.

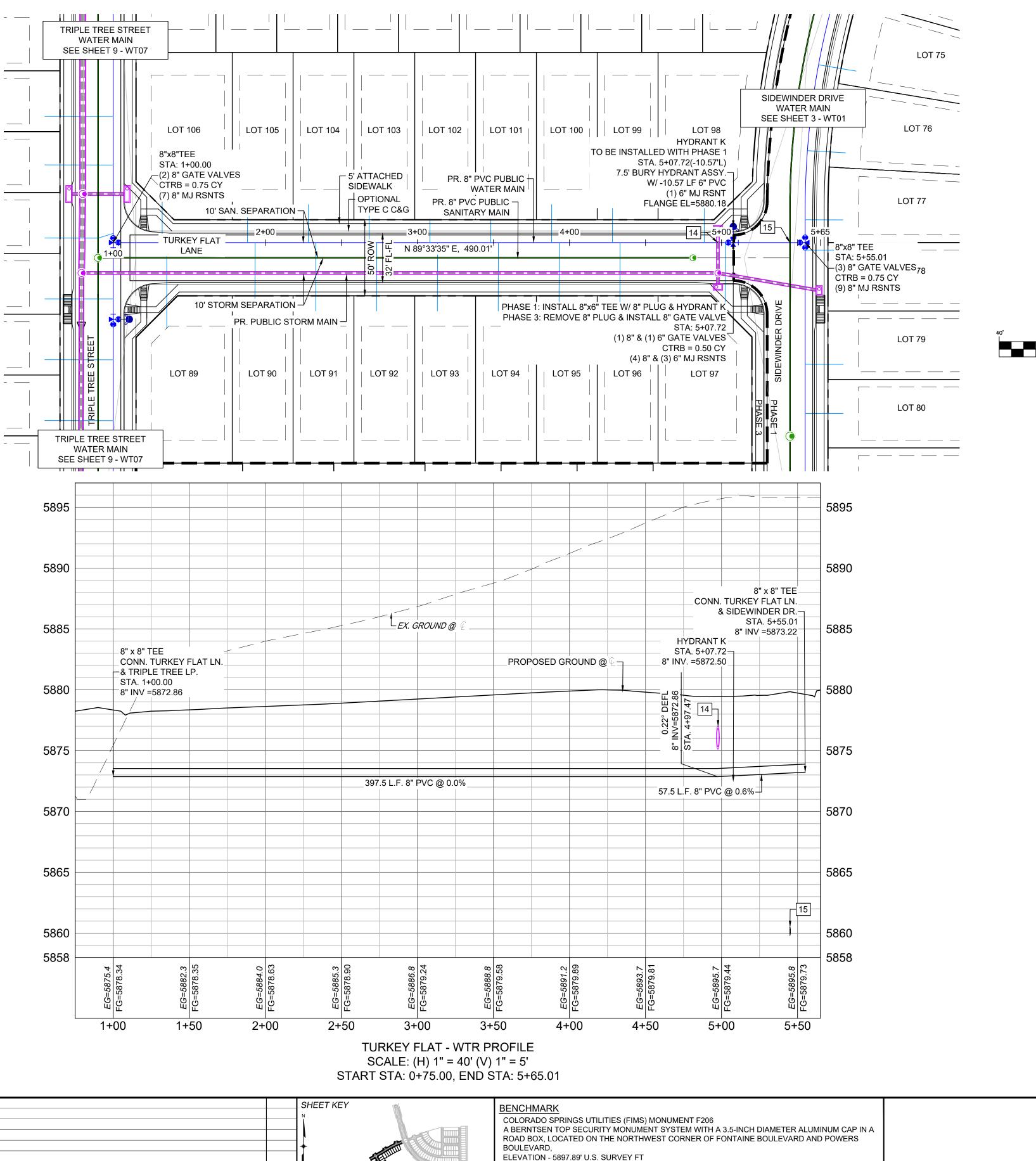
NOTES 1. ALL DEFLECTIONS ARE ACHIEVED UTILIZING HIGH-DEFLECTION

- COUPLERS.
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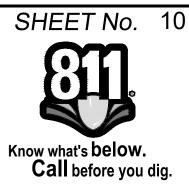
REFERENCE									
DRAWINGS									
	No. DATE	DESCRIPTION	BY						
	REVISIONS								
	COMPUTER FILE MANAGEMENT								
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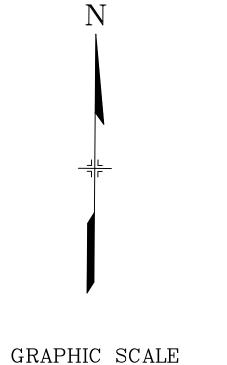
## BASIS OF BEARING

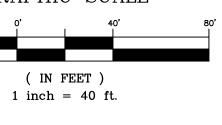
BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. SAID LINE BEAKS 509 51 23 E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 ½" AULM. CAP PLS 17664) TO THE N ¼ CORNER OF SAID SECTION 9 (3 ¼" AULM. CAP PLS 10377)

PREPARED BY:

Matrix





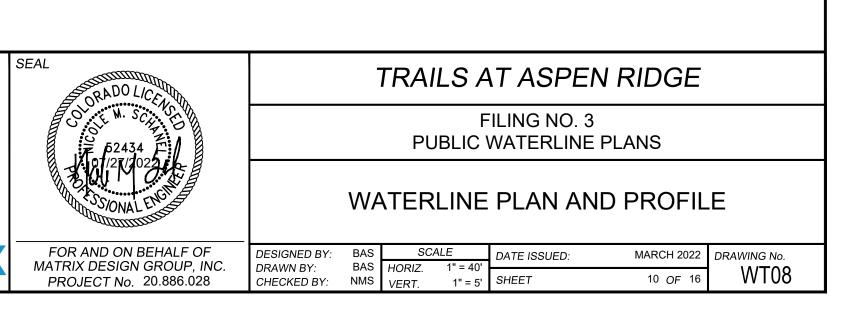


UTILITY CROSSING DETAILS									
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.					
14	N 5716.02 E 12283.30	8" PVC WATER 5873.55	18" RCP STORM 5875.11	1.56'					
15 N 5716.38 E 12330.76		8" PVC SEWER 5860.51	8" PVC WATER 5873.14	12.63'					

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WIDEFIELD WATER STANDARDS DETAIL W-16 THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND



AND UNDERGROUND UTILITIES.

<u> </u>			
Г	16"x22.5° BEND STA: 1+67.64 CTRB = 1.00 CY (2) 16" MJ RSNTS 2+00		3+00
	BEGIN CONSTRUCTION STA: 1+25.00	_	
TRAILS AT ASPEN RIDGE (FILING NO.1)	CONNECT TO EXISTING 12 INSTALL 16"x12" TEE -(1) 16" & (2) 12" GATE VALV CTRB = 6.00 CY (3) 16" & (6) 12" MJ RSNTS CONTRACTOR TO FIELD VE ELEVATION AND LOCATION	ES 118 ERIFY	3     LOT 119   

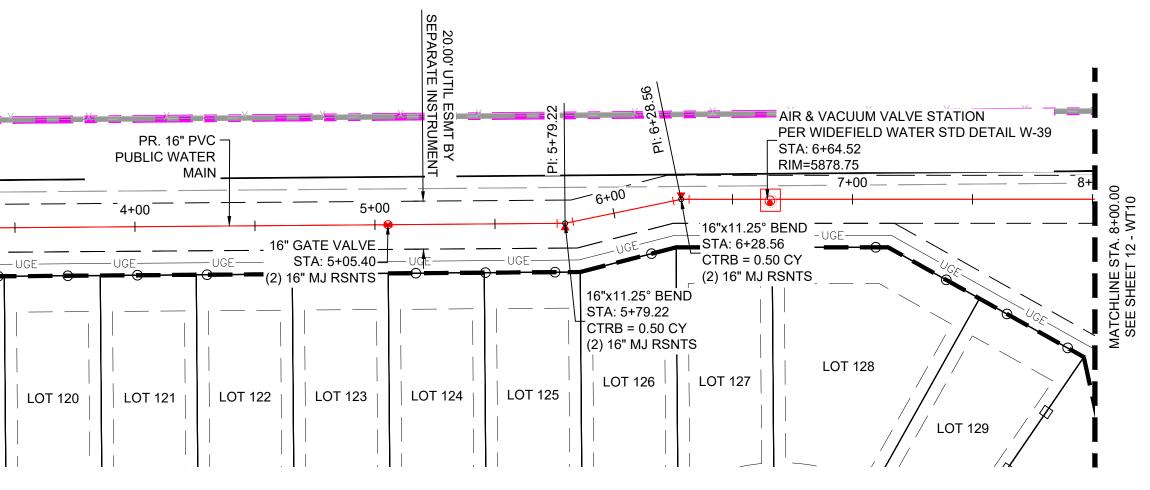
		5880 -			<u></u>							
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		5875 -										
					CONSTR	UCTION				PF	ROPOSED	D GRC
				STA: 1+		XISTING 12		ΜΔΙΝΙ-				
		5870 -			L 12"x16"							
						O FIELD V						
					ΓΙΟΝ AND . =5856.61	LOCATIO	N				$\int$	-
					-3030.0			1				_
		5865 -					EFI 8.29		7			
							585 D	2.7				
							).56  V≓(	2+2				
							0.56° DEFL 0.56° DEFL 16" INV=5858.29	STA. 2+25.7				
		5860					16	S				
										-		
							-0/					
				10	0.81 F.16	" PVC @ 1	.7%					
				10	J.0 E.1 *							
		5855 -			<u> </u>							
			32.9	33.0		33.0		8 73	2.27	37.3	7.53	
			:586	586		586		286	280	586	586	
			EG=5862.9	EG=5863.0		EG=5863.0		" "	FG=5865.24	= 5	FG=5867.53	
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			1+00	) 1+	·50	2+	00	2.	+50	3+	-00	
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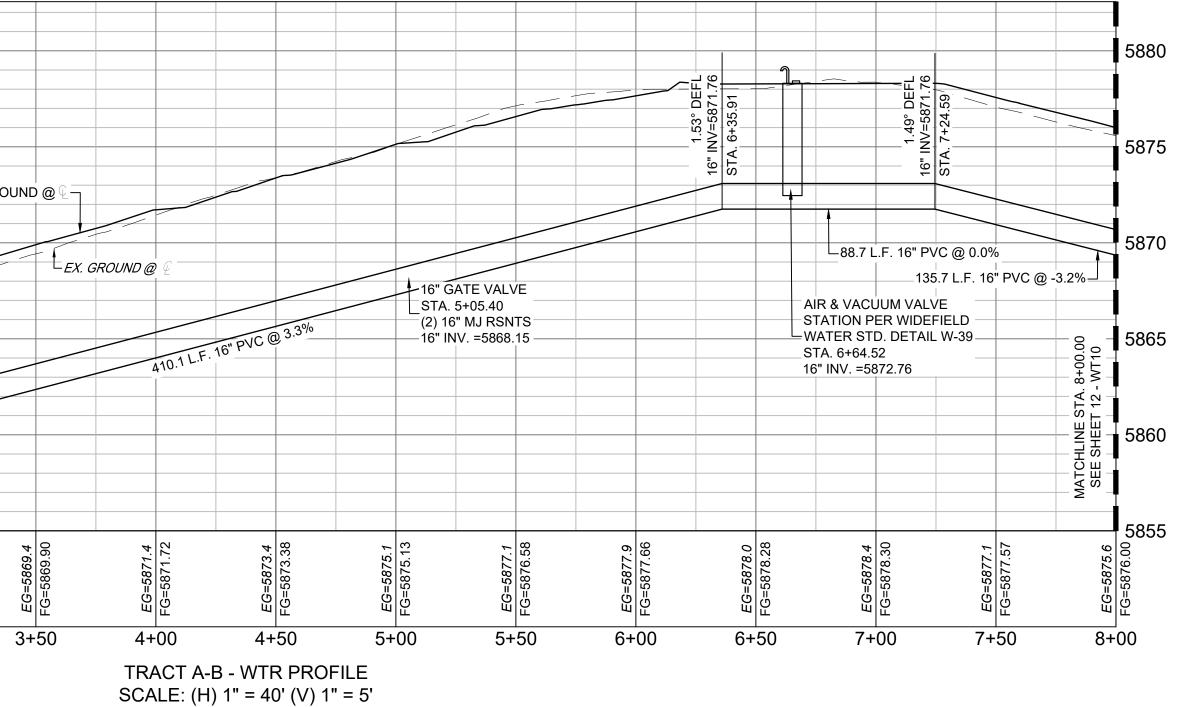
REFERENCE

DRAWINGS

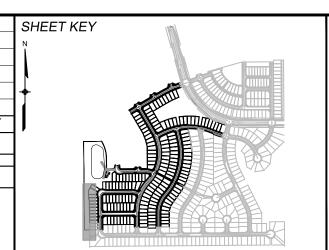
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THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.





START STA: 0+75.00, END STA: 8+00.00



BENCHMARK

COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206 A BERNTSEN TOP SECURITY MONUMENT SYSTEM WITH A 3.5-INCH DIAMETER ALUMINUM CAP IN A ROAD BOX, LOCATED ON THE NORTHWEST CORNER OF FONTAINE BOULEVARD AND POWERS

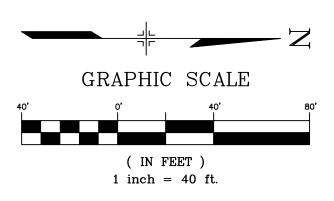
BOULEVARD, ELEVATION - 5897.89' U.S. SURVEY FT

BASIS OF BEARING

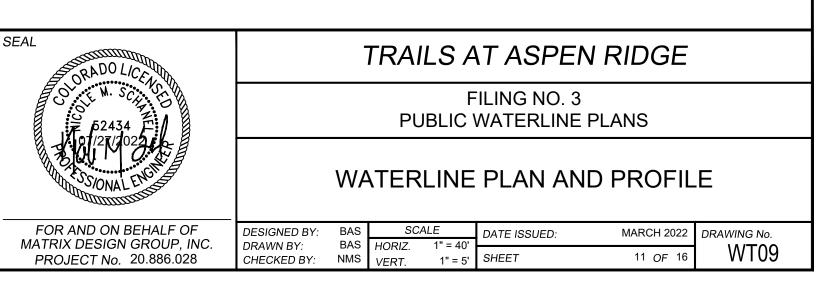
BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. SAID LINE BEAKS 589 51 23 E FINOW THE NORTHWEST CORNER OF SAID SECTION 9 (2 ½" AULM. CAP PLS 17664) TO THE N ¼ CORNER OF SAID SECTION 9 (3 ¼" AULM. CAP PLS 10377)

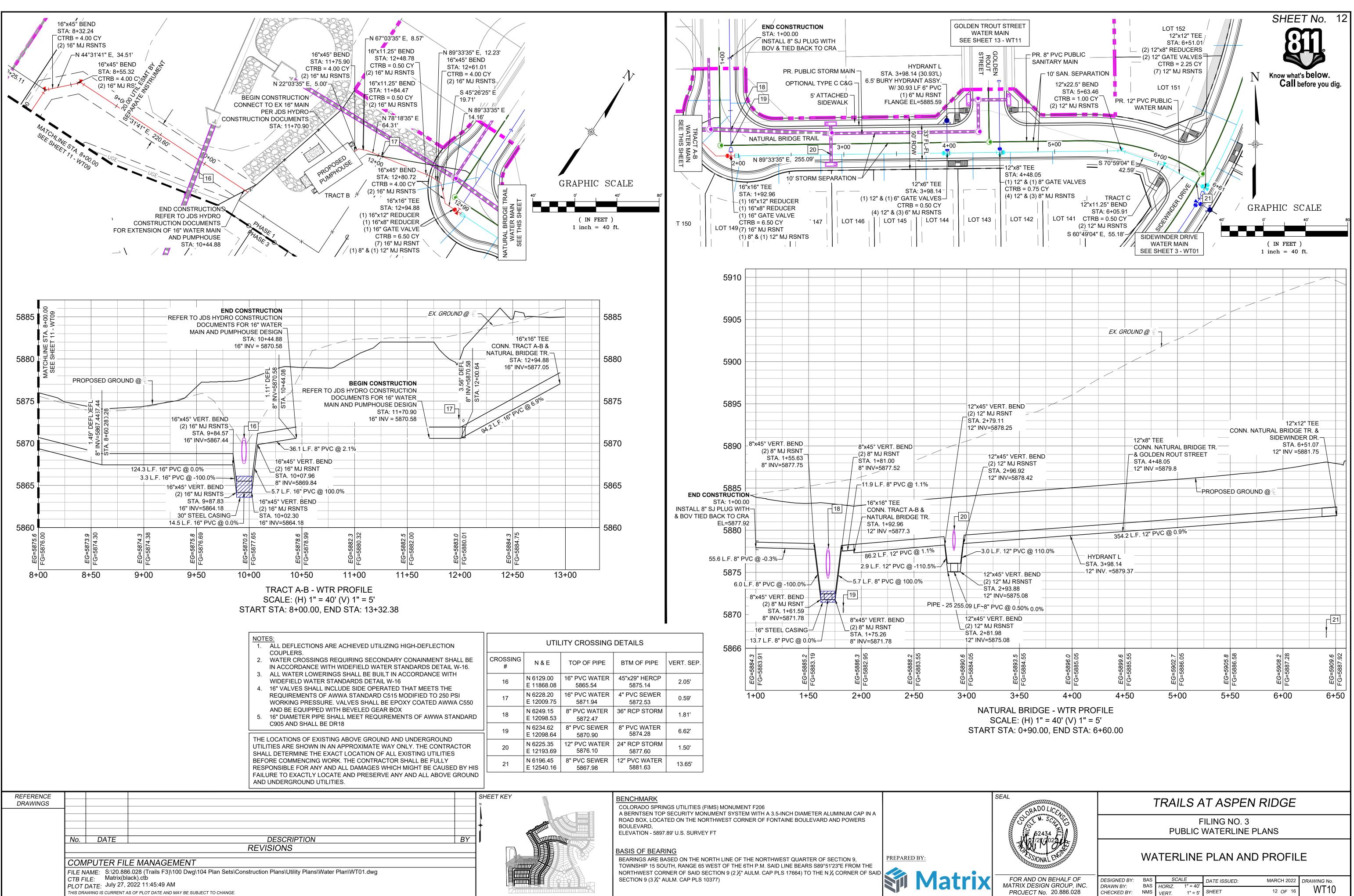
PREPARED BY:

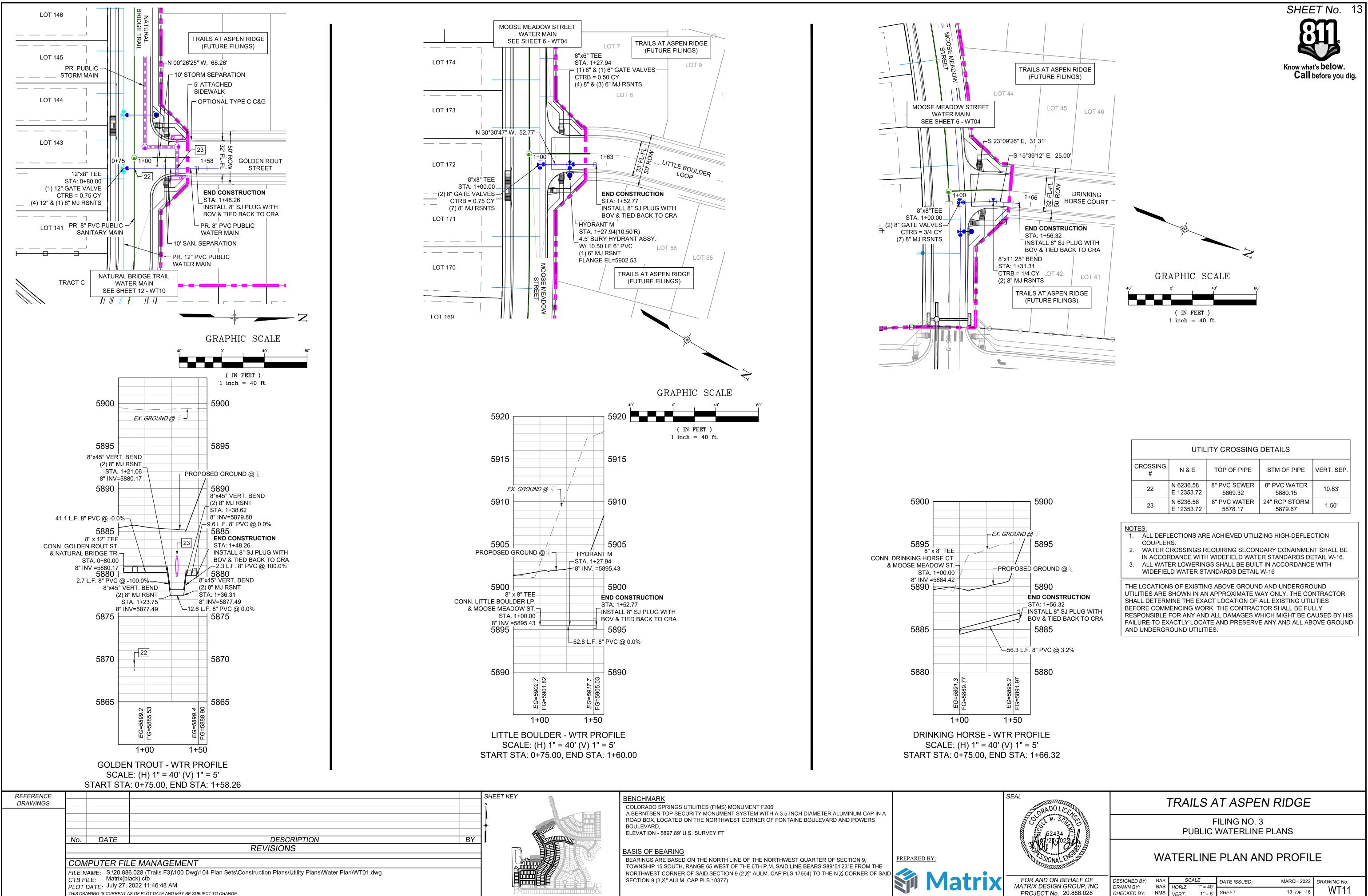




NOT	<u>ES:</u>
1.	ALL DEFLECTIONS ARE ACHIEVED UTILIZING HIGH-DEFLECTION
	COUPLERS.
2.	WATER CROSSINGS REQUIRING SECONDARY CONAINMENT SHALL BE
3.	IN ACCORDANCE WITH WIDEFIELD WATER STANDARDS DETAIL W-16. ALL WATER LOWERINGS SHALL BE BUILT IN ACCORDANCE WITH
3.	WIDEFIELD WATER STANDARDS DETAIL W-16
4.	16" VALVES SHALL INCLUDE SIDE OPERATED THAT MEETS THE
4.	REQUIREMENTS OF AWWA STANDARD C515 MODIFIED TO 250 PSI
	WORKING PRESSURE, VALVES SHALL BE EPOXY COATED AWWA C550
	AND BE EQUIPPED WITH BEVELED GEAR BOX
5.	16" DIAMETER PIPE SHALL MEET REQUIREMENTS OF AWWA STANDARD
0.	C905 AND SHALL BE DR18
6.	AIR RELEASE VALVE TO BE CONSTRUCTED IN ACCORDANCE WITH
	WIDEFIELD STANDARD DETAIL W-39
THE	LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND
UTIL	ITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR
SHA	LL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES
BEF	ORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY
RES	PONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS
FAIL	URE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND
AND	UNDERGROUND UTILITIES.



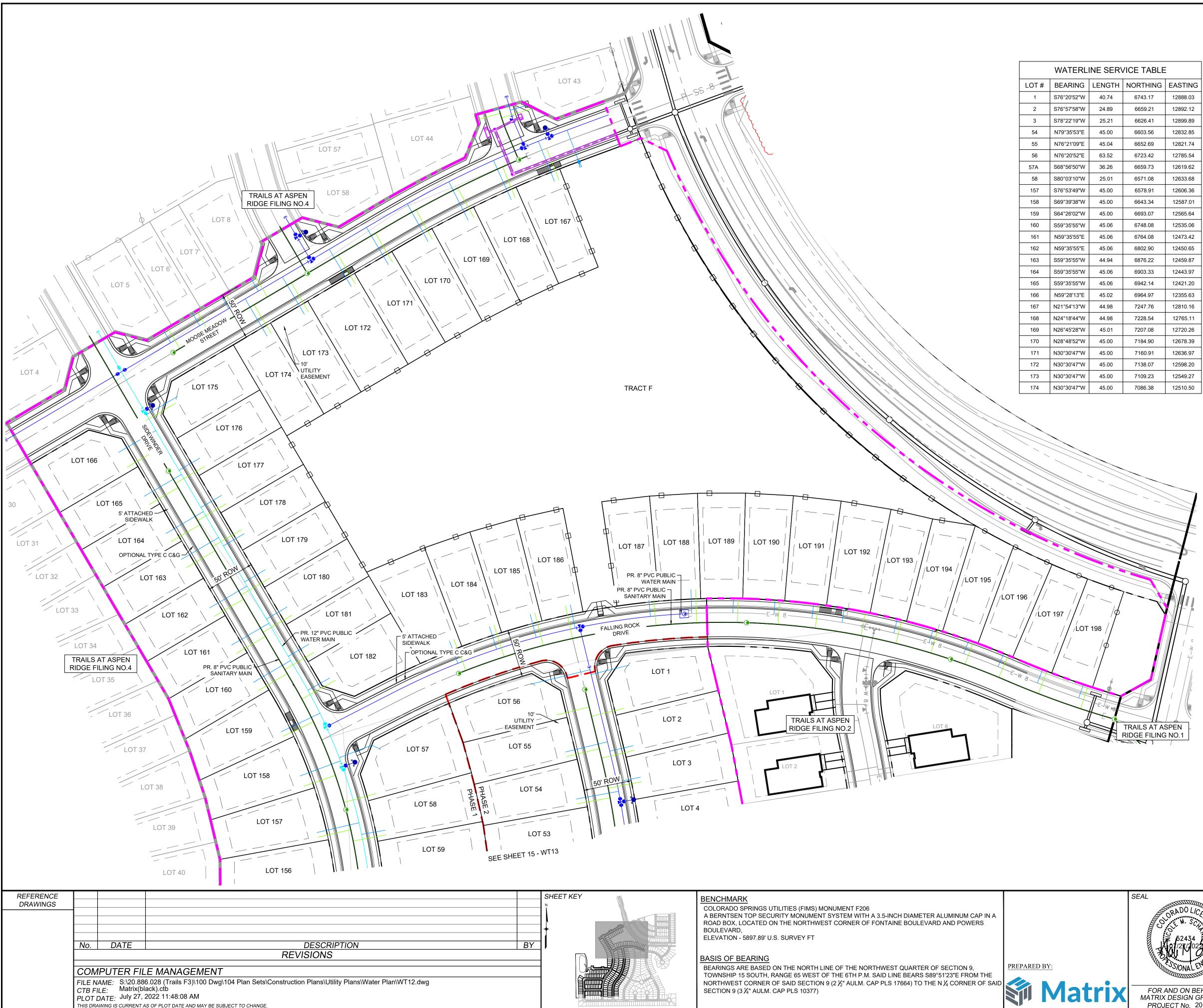




UTILITY	<b>CROSSING DETAILS</b>
---------	-------------------------

		CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.	
		22	N 6236.58 E 12353.72	8" PVC SEWER 5869.32	8" PVC WATER 5880.15	10.83'	
	5900	23	N 6236.58 E 12353.72	8" PVC WATER 5878.17	24" RCP STORM 5879.67	1.50'	
ROUND @	<sup>9</sup> 2 5895	COUPLEF 2. WATER C IN ACCOF 3. ALL WAT	RS. CROSSINGS R RDANCE WITH ER LOWERING	E ACHIEVED UTILI EQUIRING SECON H WIDEFIELD WATE GS SHALL BE BUIL ANDARDS DETAIL	DARY CONAINMEN ER STANDARDS DE T IN ACCORDANCE	IT SHALL BE ETAIL W-16.	
s J/II	STA: 1+56.32 NSTALL 8" SJ PLUG WITH SOV & TIED BACK TO CRA	TILITIES ARE HALL DETERN EFORE COMM ESPONSIBLE NILURE TO EX	SHOWN IN AN /INE THE EXA /IENCING WOF FOR ANY ANI	IG ABOVE GROUNI N APPROXIMATE W ACT LOCATION OF RK. THE CONTRAC D ALL DAMAGES W TE AND PRESERVI IES.	AY ONLY. THE CO ALL EXISTING UTIL TOR SHALL BE FU HICH MIGHT BE C/	NTRACTOR LITIES LLY AUSED BY HIS	
56.3 L.F.	8" PVC @ 3.2%						
+ EG=5895.2 FG=5891.97	5880						
R PRC /) 1" =							

	_								
SEAL	TRAILS AT ASPEN RIDGE								
52434 F		FILING NO. 3 PUBLIC WATERLINE PLANS							
SSIONAL ENGINE		WA	ATERLINE	PLAN AN	D PROFIL	E			
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.	DESIGNED BY: DRAWN BY:	BAS BAS	SCALE HORIZ. 1" = 40'	DATE ISSUED:	MARCH 2022	DRAWING No.			
PROJECT No. 20.886.028	CHECKED BY:	NMS	VERT. 1" = 5'	SHEET	13 OF 16	W111			



SHEET KEY	

PREPARED BY:	
🇊 Matrix	-

TABLE			
Ι	EASTING		
T	12888.03		
	12892.12		
T	12899.89		
İ	12832.85		
T	12821.74		
ľ	12785.54		
T	12619.62		
	12633.68		
t	12606.36		
t	12587.01		
	12565.64		
	12535.06		
t	12473.42		
t	12450.65		
	12459.87		
t	12443.97		
T	12421.20		
T	12355.63		
t	12810.16		
t	12765.11		
	12720.26		
ł	12678.39		
t	12636.97		
t	12598.20		
t	12549.27		
t	12510.50		

	GR	APHI	C SC	ALE				
,		0'	5	0'	10 			
( IN FEET )								

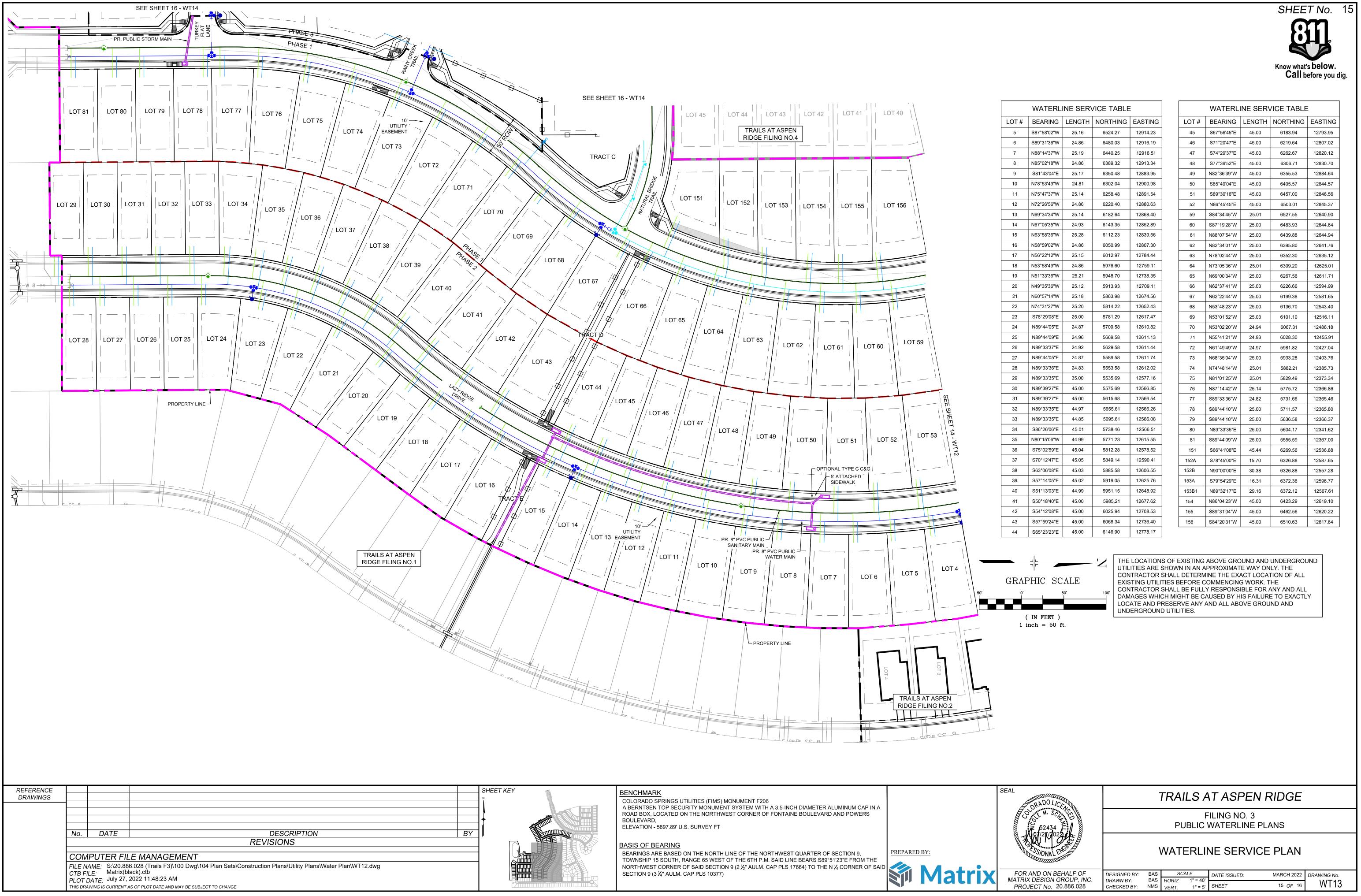
SHEET No. 14

Know what's below. Call before you dig.

1 inch = 50 ft.

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

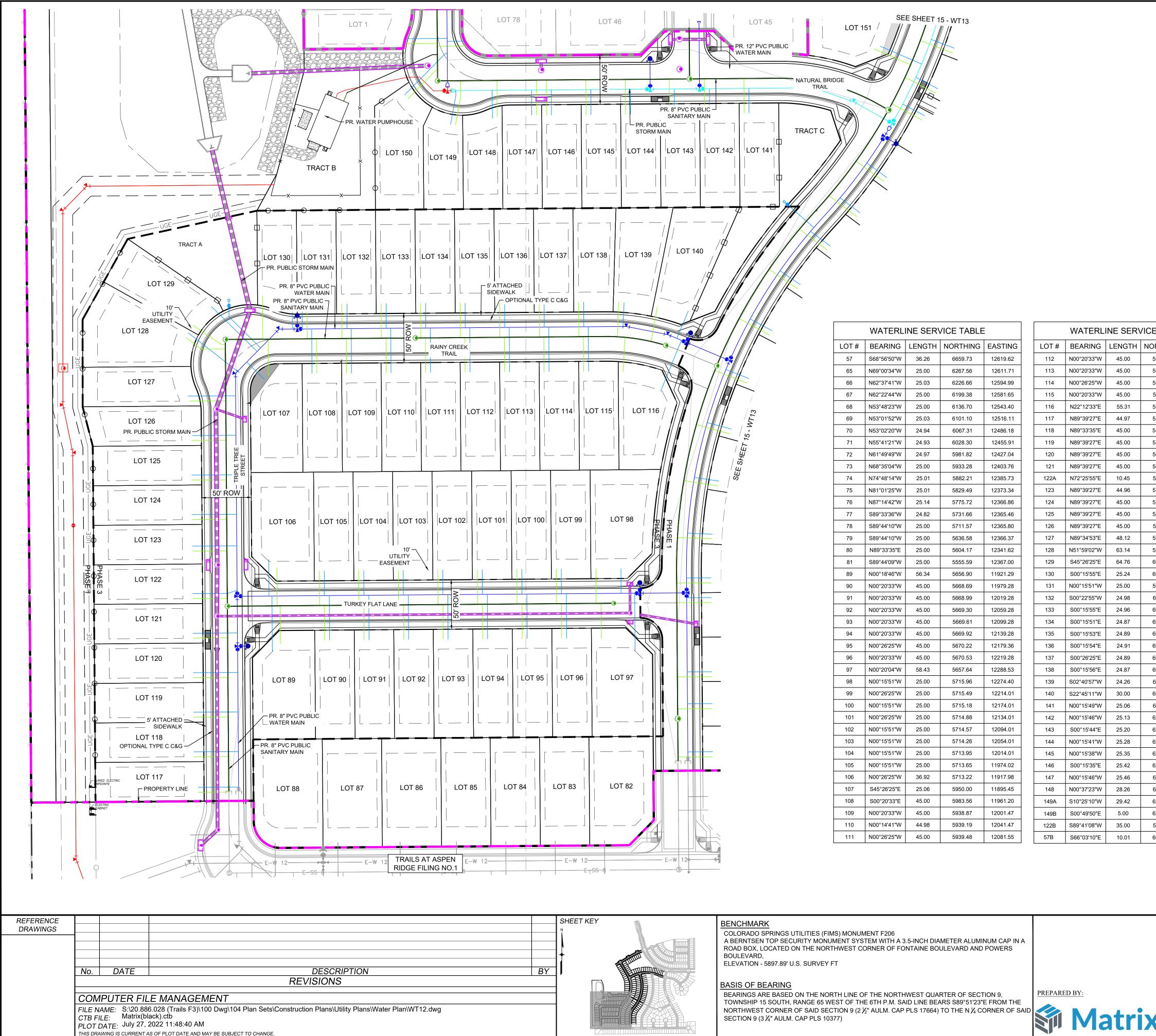
SEAL	TRAILS AT ASPEN RIDGE				
52434 F	FILING NO. 3 PUBLIC WATERLINE PLANS				
SSIONAL ENGINE	WATERLINE SERVICE PLAN				
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 20.886.028	DESIGNED BY:BASSCALEDATE ISSUED:MARCH 2022DRAWING No.DRAWN BY:BASHORIZ.1" = 40'SHEET14 OF 16WT12CHECKED BY:NMSVERT.1" = 5'SHEET14 OF 16WT12				





LOT #BEARINGLENGTHNORTHINGEASTING5S87*58'02'W25.166524.2712914.236S89*31'36'W24.866480.0312916.197N88'14'37'W25.196440.2512916.518N85'02'18'W24.866339.3212913.349S81*4'30'W24.816302.0412900.9810N78*53'9'W24.816302.0412980.6311N75*47'37'W25.146182.6412880.6312N72*26'5'W24.866620.9012807.3013N69*34'34'W25.146112.231283.5614N67*05'35'W24.936114.3312852.8915N63*58'36'W25.286012.9712784.4418N53*58'49'W24.865976.6012759.1119N51*33'36'W25.125948.7012784.5418N53*58'49'W24.865976.6012759.1119N51*33'36'W25.125948.7012784.5418N53*58'49'W24.865976.6012759.1119N51*33'36'W25.125948.7012784.5418N53*58'49'W25.125948.7012784.4418N53*58'49'W25.145948.7012784.5419N51*33'36'W25.125948.7012761.7119N51*33'36'W25.125948.7012761.7119N51*33'36'K25.005781.2912617.4121N60*5714'W25.18 <th colspan="7">WATERLINE SERVICE TABLE</th>	WATERLINE SERVICE TABLE						
Internet         Internet         Internet         Internet           6         S80°31'36"W         24.86         6480.03         12916.51           7         N88°14'37"W         25.19         6440.25         12916.51           8         N85'02'18"W         24.86         6389.32         12913.34           9         S81'43'04"E         25.17         6350.48         12883.95           10         N78'53'49"W         24.81         6302.04         12900.98           11         N75'47'37"W         25.14         6182.64         12880.63           13         N69°34'34"W         25.14         6182.64         12880.63           14         N67'05'35"W         24.93         6143.35         12852.89           15         N63'58'36"W         25.28         6112.23         12807.30           17         N56'221'2"W         25.15         6012.97         12784.44           18         N53'58'49"W         24.86         5976.60         12759.11           19         N51'33'36"W         25.12         5913.93         12674.56           22         N74'31'2"W         25.20         5814.22         12652.43           23         S78'2908"E         24.90	LOT #	BEARING	LENGTH NORTHING		EASTING		
7         N88°14'37'W         25.19         6440.25         12916.51           8         N85'02'18'W         24.86         6389.32         12913.34           9         S81'43'04'E         25.17         6350.48         12883.95           10         N78'53'49'W         24.81         6302.04         12900.98           11         N75'47'37'W         25.14         6258.48         12880.63           13         N69'34'34'W         25.14         6182.64         12880.63           13         N69'34'34'W         25.14         6182.64         12880.63           14         N67'05'35'W         24.86         6050.99         12807.30           17         N56'22'12'W         25.15         6012.97         12784.44           18         N53'58'49'W         24.86         5976.60         12759.11           19         N51'33'36'W         25.21         5948.70         12783.35           20         N49'35'36'W         25.18         5863.98         12674.56           22         N74'31'2'W         25.18         5863.98         12617.47           24         N89'44'05'E         24.87         5709.58         1261.43           25         N89'44'05'E	5	S87°58'02"W	25.16	6524.27	12914.23		
8         N85°02'18"W         24.86         6389.32         12913.34           9         S81°43'04"E         25.17         6350.48         12883.95           10         N78°53'49"W         24.81         6302.04         12900.98           11         N75°47'37"W         25.14         6258.48         12891.54           12         N72°26'56"W         24.86         6220.40         12880.63           13         N69°34'34"W         25.14         6162.64         12868.40           14         N67'05'35"W         24.93         6143.35         12852.89           15         N63°58'36"W         25.28         6112.23         12807.30           17         N56°22'12"W         25.15         6012.97         12784.44           18         N53°58'36"W         25.21         5948.70         12738.35           20         N49°35'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         24.92         5629.58         12611.41           24         N89°41'05"E	6	S89°31'36"W	24.86	6480.03	12916.19		
9         S81*43'04"E         25.17         63350.48         12883.95           10         N78*53'49"W         24.81         6302.04         12900.98           11         N75*47'37"W         25.14         6258.48         1281.54           12         N72*26'56"W         24.86         6220.40         12880.63           13         N69*34'34"W         25.14         6182.64         12884.40           14         N67*05'35"W         24.93         6143.35         12852.89           15         N63*58'36"W         25.28         6112.23         12807.30           17         N56*22'12"W         25.15         6012.97         12784.44           18         N53*58'49"W         24.86         5976.60         12759.11           19         N51*33'36"W         25.21         5913.93         1207.91           121         N60*57'14"W         25.18         5863.98         12617.47           24         N89*44'05"E         24.87         5709.58         12610.82           25         N89*44'05"E         24.87         5569.58         12611.41           26         N89*33'36"E         24.83         5553.58         1261.22           128         N89*33'36"E	7	N88°14'37"W	25.19	6440.25	12916.51		
10         N78*53'49"W         24.81         6302.04         12900.98           11         N75*47'37"W         25.14         6258.48         12891.54           12         N72*26'56"W         24.86         6220.40         12880.63           13         N69*34'34"W         25.14         6182.64         12868.40           14         N67*05'35"W         24.93         6143.35         12852.89           15         N63*58'36"W         25.28         6112.23         12839.56           16         N58*59'02"W         24.86         6050.99         12807.30           17         N56*22'12"W         25.15         6012.97         12784.44           18         N53*58'49"W         24.86         5976.60         12759.11           19         N51*33'36"W         25.12         5918.70         12783.35           20         N49*35'36"W         25.12         5913.93         12674.56           21         N60*57'14"W         25.18         5863.98         12617.47           24         N89*44'05"E         24.87         5709.58         12610.82           25         N89*44'05"E         24.87         5569.58         12611.44           27         N89*33'36"E <td>8</td> <td>N85°02'18"W</td> <td>24.86</td> <td>6389.32</td> <td>12913.34</td>	8	N85°02'18"W	24.86	6389.32	12913.34		
11         N75*47'37'W         25.14         6258.48         12891.54           12         N72*26'56'W         24.86         6220.40         12880.63           13         N69*34'34'W         25.14         6182.64         12868.40           14         N67*05'35'W         24.93         6143.35         12852.89           15         N63*58'36'W         25.28         6112.23         12839.56           16         N58*59'02'W         24.86         6050.99         12807.30           17         N56*22'12'W         25.15         6012.97         12784.44           18         N53*58'49'W         24.86         5976.60         12759.11           19         N51*33'36'W         25.12         5913.93         12709.11           21         N60*57'14''W         25.18         5863.98         12674.56           22         N74*31'27''W         25.20         5814.22         12652.43           23         S78*2908''E         24.92         5669.58         12611.44           24         N89*44'09''E         24.92         5629.58         12611.44           27         N89*33'36''E         24.83         5553.58         12612.02           29         N89*33'36''	9	S81°43'04"E	25.17	6350.48	12883.95		
12         N72°26'56"W         24.86         6220.40         12880.63           13         N69°34'34"W         25.14         6182.64         12868.40           14         N67°05'35"W         24.93         6143.35         12852.89           15         N63°58'36"W         25.28         6112.23         12839.56           16         N58°59'02"W         24.86         6050.99         12807.30           17         N56°22'12"W         25.15         6012.97         12784.44           18         N53°56'49"W         24.86         5976.60         12759.11           19         N51°33'6"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         24.87         5709.58         12610.82           24         N89°44'05"E         24.87         5709.58         12611.74           25         N89°44'05"E         24.87         5589.58         12611.44           27         N89°44'05"E         24.87         5589.58         12611.74           28         N89°33'35"E	10	N78°53'49"W	24.81	6302.04	12900.98		
13         N69°34'34"W         25.14         6182.64         12868.40           14         N67°05'35"W         24.93         6143.35         12852.89           15         N63°56'36"W         25.28         6112.23         12839.56           16         N58°59'02"W         24.86         6050.99         12807.30           17         N56°22'12"W         25.15         6012.97         12784.44           18         N53°56'49"W         24.86         5976.60         12759.11           19         N51°33'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12611.82           25         N89°44'05"E         24.92         5629.58         12611.74           26         N89°33'35"E         24.92         5653.58         12612.02           29         N89°33'35"E         24.83         5553.58         12566.54           31         N89°33'35"E <td>11</td> <td>N75°47'37"W</td> <td>25.14</td> <td>6258.48</td> <td colspan="2">12891.54</td>	11	N75°47'37"W	25.14	6258.48	12891.54		
14         N67°05'35"W         24.93         6143.35         12852.89           15         N63°58'36"W         25.28         6112.23         12839.56           16         N58°59'02"W         24.86         6050.99         12807.30           17         N56°22'12"W         25.15         6012.97         12784.44           18         N53°58'49"W         24.86         5976.60         12759.11           19         N51°33'36"W         25.21         5948.70         12738.35           20         N49°35'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12611.82           25         N89°44'05"E         24.87         5589.58         12611.74           28         N89°33'35"E         24.83         5553.58         12612.02           29         N89°33'35"E         45.00         5575.69         12566.56           30         N89°33'35"E <td>12</td> <td>N72°26'56"W</td> <td>24.86</td> <td>6220.40</td> <td>12880.63</td>	12	N72°26'56"W	24.86	6220.40	12880.63		
15         N63°58'36''W         25.28         6112.23         12839.56           16         N58°59'02''W         24.86         6050.99         12807.30           17         N56°22'12''W         25.15         6012.97         12784.44           18         N53°58'49''W         24.86         5976.60         12759.11           19         N51°33'36''W         25.21         5948.70         12738.35           20         N49°35'36''W         25.12         5913.93         12709.11           21         N60°57'14''W         25.18         5863.98         12674.56           22         N74°31'27''W         25.20         5814.22         12652.43           23         S78°29'08''E         24.87         5709.58         12610.82           24         N89°44'05''E         24.87         5709.58         12611.74           24         N89°44'05''E         24.87         5589.58         12611.74           25         N89°44'05''E         24.83         5553.58         12612.02           29         N89°33'35''E         35.00         5535.69         12567.16           30         N89°33'35''E         44.85         5695.61         12566.26           31         N	13	N69°34'34"W	25.14	6182.64	12868.40		
16         N58°59'02"W         24.86         6050.99         12807.30           17         N56°22'12"W         25.15         6012.97         12784.44           18         N53°58'49"W         24.86         5976.60         12759.11           19         N51°33'36"W         25.21         5948.70         12738.35           20         N49°35'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12611.82           25         N89°44'05"E         24.87         5569.58         12611.74           26         N89°33'37"E         24.92         5629.58         12611.74           28         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5615.68         12566.54           31         N89°33'35"E         44.97         5655.61         12566.56           31         N89°33'35"E <td>14</td> <td>N67°05'35"W</td> <td>24.93</td> <td>6143.35</td> <td>12852.89</td>	14	N67°05'35"W	24.93	6143.35	12852.89		
17         N56°22'12"W         25.15         6012.97         12784.44           18         N53°58'49"W         24.86         5976.60         12759.11           19         N51°33'36"W         25.21         5948.70         12738.35           20         N49°35'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12610.82           25         N89°44'05"E         24.87         5589.58         12611.74           26         N89°33'37"E         24.92         5629.58         12611.74           28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         45.00         5615.68         12566.54           30         N89°33'35"E         44.97         5665.61         12566.54           31         N89°33'35"E         44.85         5695.61         12566.51           34         S86°26'06"E <td>15</td> <td>N63°58'36"W</td> <td>25.28</td> <td>6112.23</td> <td>12839.56</td>	15	N63°58'36"W	25.28	6112.23	12839.56		
18         N53°58'49"W         24.86         5976.60         12759.11           19         N51°33'36"W         25.21         5948.70         12738.35           20         N49°35'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.12         5913.93         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12610.82           25         N89°44'05"E         24.96         5669.58         12611.74           26         N89°33'37"E         24.92         5629.58         12611.74           28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5575.69         12566.85           31         N89°33'35"E         44.97         5655.61         12566.68           32         N89°33'35"E         44.97         5655.61         12566.61           33         N89°33'35"E         44.97         5655.61         12566.26           34         S86°26'06"E <td>16</td> <td>N58°59'02"W</td> <td>24.86</td> <td>6050.99</td> <td>12807.30</td>	16	N58°59'02"W	24.86	6050.99	12807.30		
19         N51°33'36"W         25.21         5948.70         12738.35           20         N49°35'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12610.82           25         N89°44'05"E         24.96         5669.58         12611.13           26         N89°33'37"E         24.92         5629.58         12611.74           28         N89°33'36"E         24.87         5589.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°33'35"E         45.00         5575.69         12566.54           31         N89°33'35"E         44.97         5655.61         12566.54           32         N89°33'35"E         44.85         5695.61         12566.54           33         N89°33'35"E         44.97         5655.61         12566.51           34         S86°26'06"E <td>17</td> <td>N56°22'12"W</td> <td>25.15</td> <td>6012.97</td> <td>12784.44</td>	17	N56°22'12"W	25.15	6012.97	12784.44		
20         N49°35'36"W         25.12         5913.93         12709.11           21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'09"E         24.87         5709.58         12611.82           25         N89°44'09"E         24.96         5669.58         12611.13           26         N89°33'37"E         24.92         5629.58         12611.44           27         N89°44'05"E         24.87         5589.58         12611.74           28         N89°33'35"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5615.68         12566.54           31         N89°33'35"E         44.97         5655.61         12566.65           33         N89°33'35"E         44.97         5655.61         12566.51           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W <td>18</td> <td>N53°58'49"W</td> <td>24.86</td> <td>5976.60</td> <td>12759.11</td>	18	N53°58'49"W	24.86	5976.60	12759.11		
21         N60°57'14"W         25.18         5863.98         12674.56           22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12610.82           25         N89°44'09"E         24.96         5669.58         12611.13           26         N89°33'37"E         24.92         5629.58         12611.74           28         N89°34'05"E         24.87         5589.58         12611.74           28         N89°33'35"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12566.85           31         N89°39'27"E         45.00         5615.68         12566.54           32         N89°33'35"E         44.97         5655.61         12566.08           33         N89°33'35"E         44.85         5695.61         12566.08           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E <td>19</td> <td>N51°33'36"W</td> <td>25.21</td> <td>5948.70</td> <td>12738.35</td>	19	N51°33'36"W	25.21	5948.70	12738.35		
22         N74°31'27"W         25.20         5814.22         12652.43           23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'05"E         24.87         5709.58         12610.82           25         N89°44'05"E         24.96         5669.58         12611.13           26         N89°33'37"E         24.92         5629.58         12611.44           27         N89°44'05"E         24.87         5589.58         12611.74           28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5615.68         12566.85           31         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.51           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E <td>20</td> <td>N49°35'36"W</td> <td>25.12</td> <td>5913.93</td> <td>12709.11</td>	20	N49°35'36"W	25.12	5913.93	12709.11		
23         S78°29'08"E         25.00         5781.29         12617.47           24         N89°44'09"E         24.87         5709.58         12610.82           25         N89°44'09"E         24.96         5669.58         12611.13           26         N89°33'37"E         24.92         5629.58         12611.44           27         N89°44'05"E         24.87         5589.58         12611.74           28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5615.68         12566.54           31         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.51           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E <td>21</td> <td>N60°57'14"W</td> <td>25.18</td> <td>5863.98</td> <td>12674.56</td>	21	N60°57'14"W	25.18	5863.98	12674.56		
24         N89°44'05"E         24.87         5709.58         12610.82           25         N89°44'09"E         24.96         5669.58         12611.13           26         N89°33'37"E         24.92         5629.58         12611.44           27         N89°33'36"E         24.87         5589.58         12611.74           28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5615.68         12566.85           31         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.26           33         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.97         5655.61         12566.26           34         S86°26'06"E         45.01         5778.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E <td>22</td> <td>N74°31'27"W</td> <td>25.20</td> <td>5814.22</td> <td>12652.43</td>	22	N74°31'27"W	25.20	5814.22	12652.43		
25         N89°44'09"E         24.96         5669.58         12611.13           26         N89°33'37"E         24.92         5629.58         12611.44           27         N89°44'05"E         24.87         5589.58         12611.74           28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5615.68         12566.85           31         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.51           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.03         5885.58         12606.55           39         S57°14'05"E <td>23</td> <td>S78°29'08"E</td> <td>25.00</td> <td>5781.29</td> <td>12617.47</td>	23	S78°29'08"E	25.00	5781.29	12617.47		
26         N89°33'37"E         24.92         5629.58         12611.44           27         N89°44'05"E         24.87         5589.58         12611.74           28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5575.69         12566.85           31         N89°39'27"E         45.00         5615.68         12566.26           33         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.26           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E         45.02         5919.05         12625.76           40         S51°13'03"E <td>24</td> <td>N89°44'05"E</td> <td>24.87</td> <td>5709.58</td> <td>12610.82</td>	24	N89°44'05"E	24.87	5709.58	12610.82		
27N89°44'05"E24.875589.5812611.7428N89°33'36"E24.835553.5812612.0229N89°33'35"E35.005535.6912577.1630N89°39'27"E45.005575.6912566.8531N89°39'27"E45.005615.6812566.5432N89°33'35"E44.975655.6112566.2633N89°33'35"E44.855695.6112566.0834S86°26'06"E45.015778.4612566.5135N80°15'06"W44.995771.2312615.5536S75°02'59"E45.045812.2812578.5237S70°12'47"E45.055849.1412590.4138S63°06'08"E45.035885.5812606.5539S57°14'05"E45.025919.0512625.7640S51°13'03"E44.995951.1512648.9241S50°18'40"E45.005085.2112677.6242S54°12'08"E45.006025.9412708.5343S57°59'24"E45.006068.3412736.40	25	N89°44'09"E	24.96	5669.58	12611.13		
28         N89°33'36"E         24.83         5553.58         12612.02           29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5575.69         12566.85           31         N89°39'27"E         45.00         5615.68         12566.54           32         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.08           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E <td>26</td> <td>N89°33'37"E</td> <td>24.92</td> <td>5629.58</td> <td>12611.44</td>	26	N89°33'37"E	24.92	5629.58	12611.44		
29         N89°33'35"E         35.00         5535.69         12577.16           30         N89°39'27"E         45.00         5575.69         12566.85           31         N89°39'27"E         45.00         5615.68         12566.54           32         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.08           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12708.53	27	N89°44'05"E	24.87	5589.58	12611.74		
30         N89°39'27"E         45.00         5575.69         12566.85           31         N89°39'27"E         45.00         5615.68         12566.54           32         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.08           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5849.14         12590.41           38         S63°06'08"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	28	N89°33'36"E	24.83	5553.58	12612.02		
31         N89°39'27"E         45.00         5615.68         12566.54           32         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.08           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12590.41           38         S63°06'08"E         45.03         5885.58         12606.55           39         S57°14'05"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	29	N89°33'35"E	35.00	5535.69	12577.16		
32         N89°33'35"E         44.97         5655.61         12566.26           33         N89°33'35"E         44.85         5695.61         12566.08           34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E         45.03         5885.58         12606.55           39         S57°14'05"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	30	N89°39'27"E	45.00	5575.69	12566.85		
33       N89°33'35"E       44.85       5695.61       12566.08         34       S86°26'06"E       45.01       5738.46       12566.51         35       N80°15'06"W       44.99       5771.23       12615.55         36       S75°02'59"E       45.04       5812.28       12578.52         37       S70°12'47"E       45.05       5849.14       12590.41         38       S63°06'08"E       45.02       5919.05       12625.76         40       S51°13'03"E       44.99       5951.15       12648.92         41       S50°18'40"E       45.00       5985.21       12677.62         42       S54°12'08"E       45.00       6025.94       12708.53         43       S57°59'24"E       45.00       6068.34       12736.40	31	N89°39'27"E	45.00	5615.68	12566.54		
34         S86°26'06"E         45.01         5738.46         12566.51           35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	32	N89°33'35"E	44.97	5655.61	12566.26		
35         N80°15'06"W         44.99         5771.23         12615.55           36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E         45.03         5885.58         12606.55           39         S57°14'05"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	33	N89°33'35"E	44.85	5695.61	12566.08		
36         S75°02'59"E         45.04         5812.28         12578.52           37         S70°12'47"E         45.05         5849.14         12590.41           38         S63°06'08"E         45.03         5885.58         12606.55           39         S57°14'05"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	34	S86°26'06"E	45.01	5738.46	12566.51		
37       S70°12'47"E       45.05       5849.14       12590.41         38       S63°06'08"E       45.03       5885.58       12606.55         39       S57°14'05"E       45.02       5919.05       12625.76         40       S51°13'03"E       44.99       5951.15       12648.92         41       S50°18'40"E       45.00       5985.21       12677.62         42       S54°12'08"E       45.00       6025.94       12708.53         43       S57°59'24"E       45.00       6068.34       12736.40	35	N80°15'06"W	44.99	5771.23	12615.55		
38         S63°06'08"E         45.03         5885.58         12606.55           39         S57°14'05"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	36	S75°02'59"E	45.04	5812.28	12578.52		
39         S57°14'05"E         45.02         5919.05         12625.76           40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	37	S70°12'47"E	45.05	5849.14	12590.41		
40         S51°13'03"E         44.99         5951.15         12648.92           41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	38	S63°06'08"E	45.03	5885.58	12606.55		
41         S50°18'40"E         45.00         5985.21         12677.62           42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	39	S57°14'05"E	45.02	5919.05	12625.76		
42         S54°12'08"E         45.00         6025.94         12708.53           43         S57°59'24"E         45.00         6068.34         12736.40	40	S51°13'03"E	44.99	5951.15	12648.92		
43 S57°59'24"E 45.00 6068.34 12736.40	41	S50°18'40"E	45.00	5985.21	12677.62		
	42	S54°12'08"E	45.00	6025.94	12708.53		
44 S65°23'23"E 45.00 6146.90 12778.17	43	S57°59'24"E	45.00	6068.34	12736.40		
	44	S65°23'23"E	45.00	6146.90	12778.17		

WATERLINE SERVICE TABLE						
LOT #	BEARING	LENGTH NORTHING		EASTING		
45	S67°56'45"E	45.00	6183.94	12793.95		
46	S71°20'47"E	45.00	6219.64	12807.02		
47	S74°29'37"E	45.00	6262.67	12820.12		
48	S77°39'52"E	45.00	6306.71	12830.70		
49	N82°36'39"W	45.00	6355.53	12884.64		
50	S85°49'04"E	45.00	6405.57	12844.57		
51	S89°30'16"E	45.00	6457.00	12846.56		
52	N86°45'45"E	45.00	6503.01	12845.37		
59	S84°34'45"W	25.01	6527.55	12640.90		
60	S87°19'28"W	25.00	6483.93	12644.64		
61	N88°07'54"W	25.00	6439.88	12644.94		
62	N82°34'01"W	25.00	6395.80	12641.76		
63	N78°02'44"W	25.00	6352.30	12635.12		
64	N73°05'36"W	25.01	6309.20	12625.01		
65	N69°00'34"W	25.00	6267.56	12611.71		
66	N62°37'41"W	25.03	6226.66	12594.99		
67	N62°22'44"W	25.00	6199.38	12581.65		
68	N53°48'23"W	25.00	6136.70	12543.40		
69	N53°01'52"W	25.03	6101.10	12516.11		
70	N53°02'20"W	24.94	6067.31	12486.18		
71	N55°41'21"W	24.93	6028.30	12455.91		
72	N61°49'49"W	24.97	5981.82	12427.04		
73	N68°35'04"W	25.00	5933.28	12403.76		
74	N74°48'14"W	25.01	5882.21	12385.73		
75	N81°01'25"W 25.01 5829.		5829.49	12373.34		
76	N87°14'42"W	25.14	5775.72	12366.86		
77	S89°33'36"W	24.82	5731.66	12365.46		
78	S89°44'10"W	25.00	5711.57	12365.80		
79	S89°44'10"W	25.00	5636.58	12366.37		
80	N89°33'35"E	25.00	5604.17	12341.62		
81	S89°44'09"W	25.00	5555.59	12367.00		
151	S66°41'08"E	45.44	6269.56	12536.88		
152A	S78°45'00"E	15.70	6326.88	12587.65		
152B	N90°00'00"E	30.38	6326.88	12557.28		
153A	S79°54'29"E	16.31	6372.36	12596.77		
153B1	N89°32'17"E	29.16	6372.12	12567.61		
154	N86°04'23"W	45.00	6423.29	12619.10		
155	S89°31'04"W	45.00	6462.56	12620.22		
156	S84°20'31"W	45.00	6510.63	12617.64		



	WATERL	INE SERV	/ICE TABLE		
LOT #	BEARING	LENGTH	NORTHING	EASTIN	
112 N00°20'33'		45.00	5939.79	12121.47	
113	N00°20'33"W	45.00	5940.09	12161.47	
114	N00°26'25"W	45.00	5940.40	12201.54	
115	N00°20'33"W	45.00	5940.71	12241.46	
116	N22°12'33"E	55.31	5920.77	12314.53	
117	N89°39'27"E	44.97	5519.62	11842.25	
118	N89°33'35"E	45.00	5555.55	11841.97	
119	N89°39'27"E	45.00	5595.62	11841.66	
120	N89°39'27"E	45.00	5635.62	11841.35	
121	N89°39'27"E	45.00	5675.62	11841.05	
122A	N72°25'55"E	10.45	5715.81	11875.74	
123	N89°39'27"E	44.96	5763.69	11840.37	
124	N89°39'27"E	45.00	5795.62	11840.12	
125	N89°39'27"E	45.00	5835.62	11839.82	
126	N89°39'27"E	45.00	5875.61	11839.51	
127	N89°34'53"E	48.12	5915.53	11836.08	
128	N51°59'02"W	63.14	5940.57	11886.13	
129	S45°26'25"E	64.76	6006.12	11859.83	
130	S00°15'55"E	25.24	6008.65	11941.53	
131	N00°15'51"W	25.00	5983.48	11951.64	
132	S00°22'55"W	24.98	6008.81	11997.00	
133	S00°15'55"E	24.96	6009.10	12036.53	
134	S00°15'51"E	24.87	6009.32	12076.52	
135	S00°15'53"E	24.89	6009.68	12116.52	
136	S00°15'54"E	24.91	6009.97	12156.52	
137	S00°26'25"E	24.89	6010.26	12196.44	
138	S00°15'56"E	24.87	6010.55	12236.52	
139	S02°40'57"W	24.26	6010.21	12277.41	
140	S22°45'11"W	30.00	6001.57	12342.43	
141	N00°15'49"W	25.06	6201.91	12403.92	
142	N00°15'46"W	25.13	6201.53	12363.93	
143	S00°15'44"E	25.20	6226.38	12328.26	
144	N00°15'41"W	25.28	6200.77	12283.93	
145	N00°15'38"W	25.35	6200.39	12243.93	
146	S00°15'35"E	25.42	6225.43	12203.82	
147	N00°15'46"W	25.46	6199.81	12183.93	
148	N00°37'23"W	28.26	6196.71	12144.12	
149A	S10°25'10"W	29.42	6219.65	12107.12	
149B	S00°49'50"E	5.00	6224.65	12107.05	
122B	S89°41'08"W	35.00	5715.81	11875.74	
57B	S66°03'10"E	10.01	6659.73	12619.62	

6659.73

6267.56

6226.66

6199.38

6136.70

6101.10

6067.31

6028.30

5981.82

5933.28

5882.21

5829.49

5775.72

5731.66

5711.57

5636.58

5604.17

5555.59

5656.90

5668.69

5668.99

5669.30

5669.61

5669.92

5670.22

5670.53

5657.64

5715.96

5715.49

5715.18

5714.88

5714.57

5714.26

5713.95

5713.65

5713.22

5950.00

5983.56

5938.87

5939.19

5939.48

12619.62

12611.71

12594.99

12581.65

12543.40

12516.11

12486.18

12455.91

12427.04

12403.76

12385.73

12373.34

12366.86

12365.46

12365.80

12366.37

12341.62

12367.00

11921.29

11979.28

12019.28

12059.28

12099.28

12139.28

12179.36

12219.28

12288.53

12274.40

12214.01

12174.01

12134.01

12094.01

12054.01

12014.01

11974.02

11917.98

11895.45

11961.20

12001.47

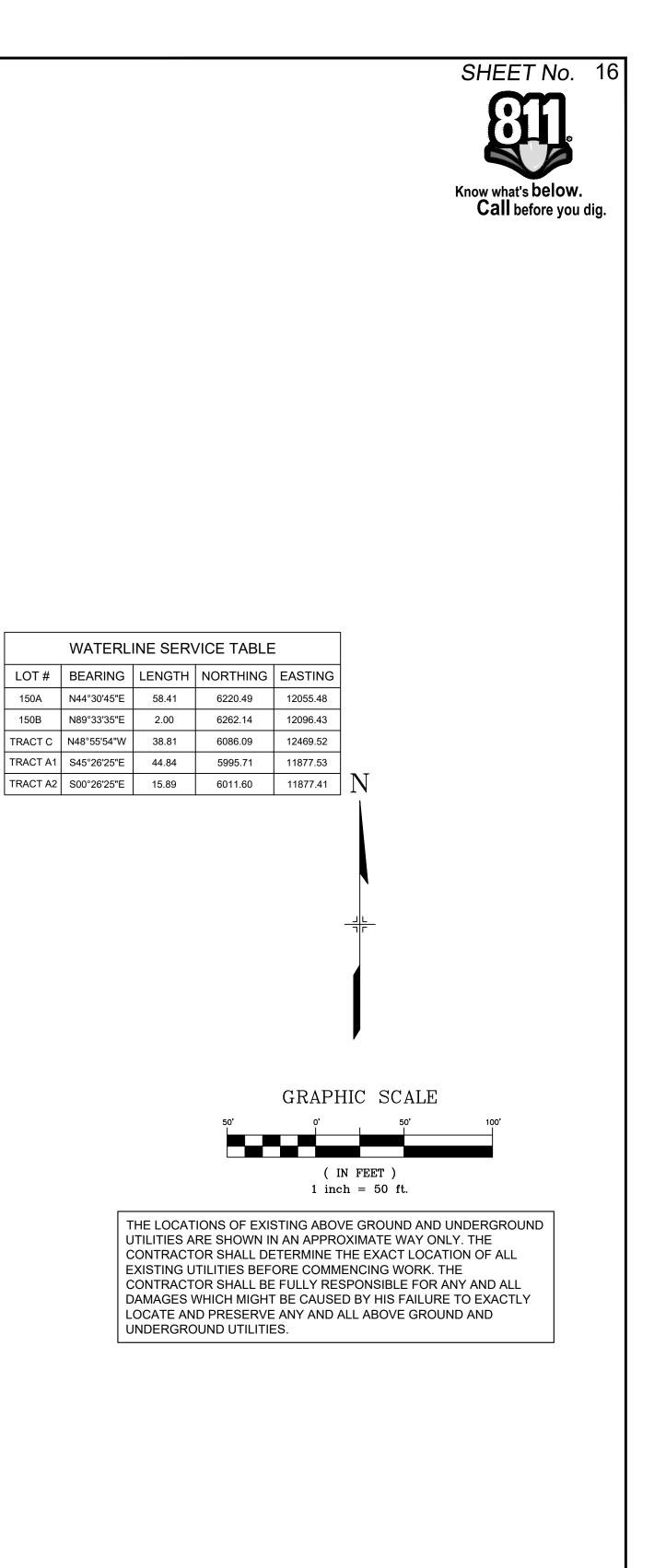
12041.47

12081.55

A BERNTSEN TOP SECURITY MONUMENT SYSTEM WITH A 3.5-INCH DIAMETER ALUMINUM CAP IN A ROAD BOX, LOCATED ON THE NORTHWEST CORNER OF FONTAINE BOULEVARD AND POWERS

BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. SAID LINE BEARS S89°51'23"E FROM THE





SEAL	_	TRAILS A	AT ASPEN	RIDGE	
52434 F			FILING NO. 3 WATERLINE PLANS		
SSIONAL ENGINE	١	WATERLI	NE SERVIC	E PLAN	
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.	BAS BAS	SCALE HORIZ. 1" = 40'	DATE ISSUED:	MARCH 2022	DRAWING No.
PROJECT No. 20.886.028	 NMS	VERT. 1" = 5'	SHEET	16 OF 16	VVI14