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# TRAILS AT ASPEN RIDGE - FILING NO. 3

## EL PASO COUNTY, COLORADO

### 8" PUBLIC SANITARY MAIN PLANS

### MARCH 2022

DWG No.	SHEET NAME	SHEET No.
TS01	TITLE SHEET	1
GN01	GENERAL NOTES, LEGEND & ABBREVIATIONS	2
SS01-SS10	WASTEWATER PLAN & PROFILE	3-12
SS11-SS13	SANITARY SERVICE PLAN	13-15

**OWNER/DEVELOPER** COLA, LLC  
555 MIDDLE CREEK PARKWAY, SUITE 380  
COLORADO SPRINGS, CO 80921

**CIVIL ENGINEER** MATRIX DESIGN GROUP  
2435 RESEARCH PARKWAY, SUITE 300  
COLORADO SPRINGS, CO 80920

**WATER & SANITARY SEWER** WIDEFIELD WATER AND SANITATION DISTRICT  
8495 FONTAINE BOULEVARD  
COLORADO SPRINGS, CO 80925  
ROBERT BANNISTER, (719) 390-7111

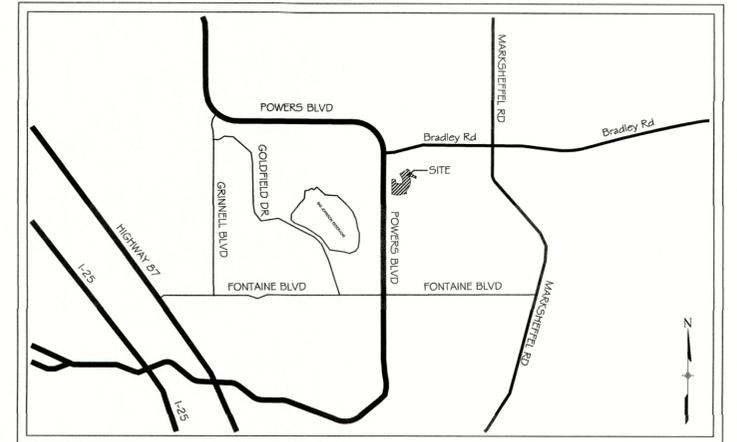
**ELECTRIC** MOUNTAIN VIEW ELECTRIC ASSOCIATION  
(719) 495-2283

**GAS** COLORADO SPRINGS UTILITIES  
1521 HANCOCK EXPRESSWAY  
COLORADO SPRINGS, CO  
MARY HOAGLUND (719) 668-4083

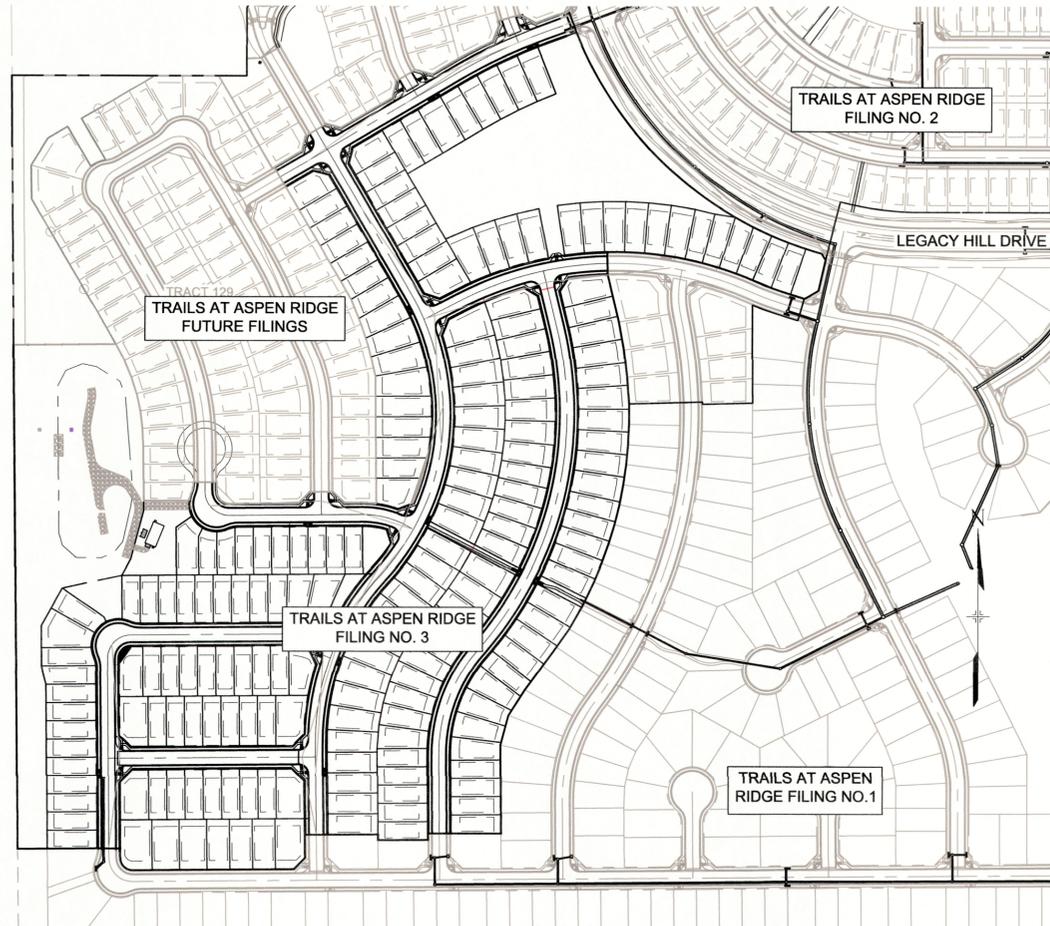
**STREET** EL PASO COUNTY PUBLIC SERVICES DEPARTMENT  
(719) 520-6460

**DRAINAGE** EL PASO COUNTY PUBLIC SERVICES DEPARTMENT  
(719) 520-6460

**FIRE DEPARTMENT** SECURITY FIRE DEPARTMENT  
400 SECURITY BOULEVARD  
SECURITY, CO 80911  
(719) 392-7121



VICINITY MAP  
N.T.S.



SITE MAP  
1" = 200'

**ENGINEER'S STATEMENT:**

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS REPORT.

*Nicole Schanel*  
NICOLE SCHANEL, PE #52434  
15 MARCH 2022  
DATE

**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 ECM 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 DIRECTORS DISCRETION.

APPROVED  
Engineering Department  
07/28/2022 12:47:17 PM  
Matrix(black).ctb  
EPC Planning & Community Development Department  
COUNTY ENGINEER / ECM ADMINISTRATOR  
DATE

**DISTRICT APPROVALS:**

THE WIDEFIELD WATER AND SANITATION DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN AND HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

WIDEFIELD WATER AND SANITATION DISTRICT  
WATER DESIGN APPROVAL  
DATE: 3/31/2022 BY: *Robert Bannister*  
PROJECT NUMBER: \_\_\_\_\_

IN CASE OF ERRORS OR OMISSIONS WITH THE WATER DESIGN AS SHOWN ON THIS DOCUMENT THE STANDARDS AS DEFINED IN THE "RULES AND REGULATIONS FOR INSTALLATION OF WATER MAINS AND SERVICES" SHALL RULE.

APPROVAL EXPIRES 180 DAYS FROM DESIGN APPROVAL

**WATER AND SANITARY SEWER APPROVAL**

ANY CHANGES OR ALTERATIONS AFFECTING THE GRADE, ALIGNMENT, ELEVATION, AND/OR DEPTH OF COVER OF ANY WATER OR SEWER MAINS OR OTHER APPURTENANCE SHOWN ON THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR ALL OPERATION DAMAGES AND DEFECTS IN INSTALLATION AND MATERIAL FOR MAINS AND SERVICES FROM THE DATE OF APPROVAL UNTIL FINAL ACCEPTANCE IS ISSUED.

SIGNED: *Tim Buschar* DATE: 3/1/22  
OWNER/DEVELOPER

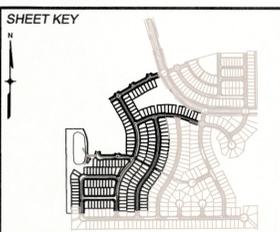
PRINT NAME: Tim Buschar

DBA: COLA, LLC

ADDRESS: 555 Middle Creek Parkway, Suite 500  
Colorado Springs, CO 80921

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.

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
<b>COMPUTER FILE MANAGEMENT</b>				
FILE NAME: s:\20.886.028 (trails f3)\100 Dwg\104 plan sets\construction plans\utility plans\Sanitary Plan\TS01.dwg				
CTB FILE: Matrix(black).ctb				
PLOT DATE: March 1, 2022 12:53:21 PM				
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.				



**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/4 CORNER OF SAID SECTION 9 (3 1/2' AULM. CAP PLS 10377)

PREPARED BY:  
**Matrix**



<b>TRAILS AT ASPEN RIDGE</b>			
FILING NO. 3			
8" SANITARY SEWER PLANS			
TITLE SHEET			
DESIGNED BY: BAS	SCALE	DATE ISSUED:	MARCH 2022
DRAWN BY: BAS	HORIZ N/A	DRAWING No.	TS01
CHECKED BY: NMS	VERT. N/A	SHEET	1 OF 15



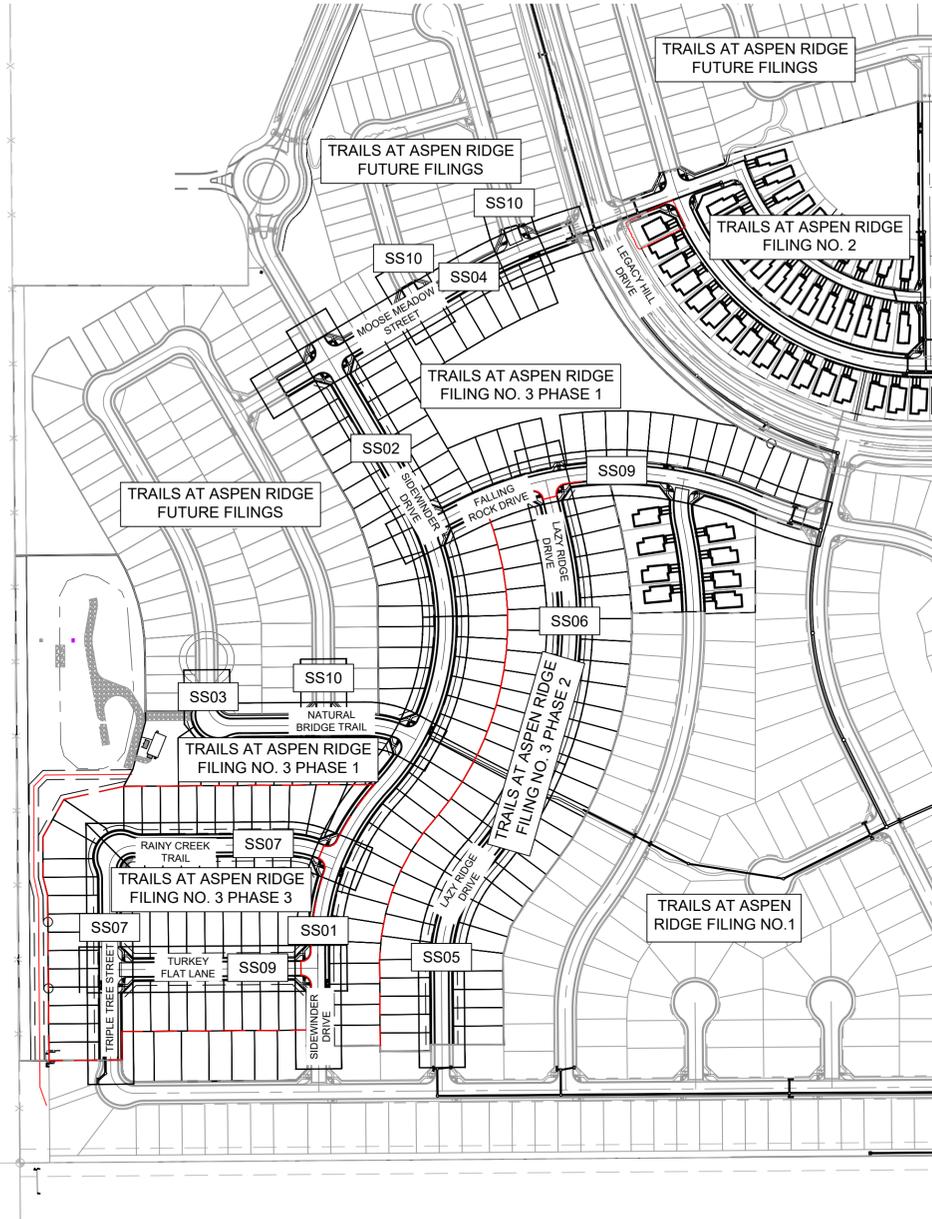
Know what's below.  
Call before you dig.

**WIDEFIELD WATER AND SANITATION DISTRICT GENERAL NOTES**

- 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.
- 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.
- 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.
- ALL DUCTILE IRON PIPE, TO INCLUDE FITTINGS, VALVES AND FIRE HYDRANTS WILL BE WRAPPED WITH POLYETHYLENE TUBING, AND ELECTRICALLY ISOLATED.
- 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.
- PVC MAIN LINES SHALL BE INSTALLED WITH COATED NO. 12 TRACER WIRE.
- 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.
- 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.
- 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.
- ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION.
- ANY WATER UTILITY MATERIAL REMOVED AND NOT REUSED SHALL BE RETURNED TO THE WIDEFIELD WATER AND SANITATION DISTRICT IF THE DISTRICT SO REQUESTS.
- 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.
- ANY PUMPING OR BYPASS OPERATIONS MUST BE REVIEWED AND APPROVED PRIOR TO EXECUTION BY BOTH THE WIDEFIELD WATER AND SANITATION DISTRICT AND THE ENGINEER.
- 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.
- 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.
- PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION CONFERENCE IS REQUIRED A MINIMUM OF 72 HOURS IN ADVANCE OF COMMENCEMENT OF 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

**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.
- 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:
  - EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
  - CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
  - COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
  - 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.
- 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.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- 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 (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST 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.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
- 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.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
- 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.
- SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- 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.



**OVERALL LAYOUT**

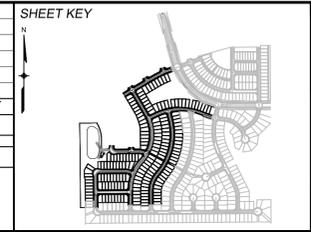
SCALE: 1" = 200'

**LEGEND**

	VALVE (PROPOSED)		EXISTING WATER
	VALVE (EXISTING)		PROPOSED WATER
	BLOWOFF (PROPOSED)		EXISTING STORM DRAIN
	BLOWOFF (EXISTING)		PROPOSED STORM DRAIN
	PLUG (PROPOSED)		EXISTING SAN. SEWER
	PLUG (EXISTING)		PROPOSED SAN. SEWER
	EXISTING FIRE HYDRANT		EXISTING MANHOLE
	PROPOSED FIRE HYDRANT		PROPOSED MANHOLE
	PROPERTY LINE		MATCHLINE
	CURB LINE		PHASE LINE
	EXISTING GAS MAIN		

UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
1	N 5688.22 E 12330.98	8" PVC SEWER 5859.82	18" RCP STORM 5875.14	15.32'
2	N 5716.39 E 12330.76	8" PVC SEWER 5860.51	8" PVC WATER 5873.05	12.54'
3	N 5955.33 E 12375.11	8" PVC SEWER 5866.51	8" PVC WATER 5879.02	12.51'
4	N 6196.45 E 12540.16	8" PVC SEWER 5867.98	12" PVC WATER 5881.63	13.65'
5	N 7043.98 E 12349.93	8" PVC SEWER 5893.78	8" PVC WATER 5904.09	10.31'
6	N 6249.55 E 12088.53	8" PVC SEWER 5871.33	36" RCP STORM 5874.14	2.81'
7	N 6235.29 E 12098.97	8" PVC SEWER 5870.90	8" PVC WATER 5877.52	6.62'
8	N 6235.29 E 12193.58	8" PVC SEWER 5870.42	24" RCP STORM 5877.15	6.73'
9	N 6236.58 E 12353.72	8" PVC SEWER 5869.32	8" PVC WATER 5880.15	10.83'
10	N 7265.76 E 12762.69	8" PVC SEWER 5878.46	24" RCP STORM 5880.38	1.92'
11	N 6115.04 E 12801.82	8" PVC SEWER 5859.90	18" RCP STORM 5867.58	7.68'
12	N 6425.98 E 12880.82	8" PVC SEWER 5863.22	18" RCP STORM 5872.19	8.97'
13	N 5692.89 E 11875.92	8" PVC SEWER 5862.82	18" RCP STORM 5870.52	7.70'
14	N 5744.86 E 11875.52	8" PVC SEWER 5863.64	18" RCP STORM 5870.36	6.72'
15	N 5898.88 E 11874.33	8" PVC SEWER 5865.18	18" RCP STORM 5870.29	5.11'
16	N 5930.88 E 11874.08	8" PVC SEWER 5865.49	38"x24" STORM 5868.60	3.11'
17	N 5973.00 E 11888.59	8" PVC SEWER 5866.37	38"x24" STORM 5868.47	2.10'
18	N 5973.23 E 11918.32	8" PVC SEWER 5866.67	8" PVC WATER 5875.26	8.59'
19	N 5702.97 E 11885.84	8" PVC SEWER 5863.32	8" PVC WATER 5867.73	4.41'
20	N 6773.07 E 12838.85	8" PVC SEWER 5867.43	8" PVC WATER 5873.76	6.33'
21	N 6694.47 E 13369.12	8" PVC SEWER 5844.10	24" RCP STORM 5849.51	5.41'
22	N 6667.39 E 13414.87	8" PVC SEWER 5843.40	30" RCP STORM 5848.10	4.70'
23	N 6654.15 E 13428.61	8" PVC SEWER 5843.25	48" RCP STORM 5846.27	3.02'
24	N 7279.35 E 12768.92	8" PVC SEWER 5878.05	8" PVC WATER 5884.88	6.83'
25	N 7306.17 E 12757.74	8" PVC SEWER 5878.34	18" RCP STORM 5881.75	3.41'
26	N 6276.57 E 12343.41	8" PVC SEWER 5870.07	24" RCP STORM 5879.34	9.27'
27	N 7160.33 E 12547.35	8" PVC SEWER 5889.91	8" PVC WATER 5895.84	5.93'

REFERENCE DRAWINGS	DESCRIPTION	BY
No.	DATE	
REVISIONS		
COMPUTER FILE MANAGEMENT		
FILE NAME: S:\20.886.028 (Trails F3)\100 Dwg\104 Plan Sets\Construction Plans\Utility Plans\Sanitary Plan\GN01.DWG		
CTB FILE: Matrix(black).ctb		
PLOT DATE: July 27, 2022 11:55:17 AM		
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.		



**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/4' AULM. CAP PLS 10377)

PREPARED BY:

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

**TRAILS AT ASPEN RIDGE**

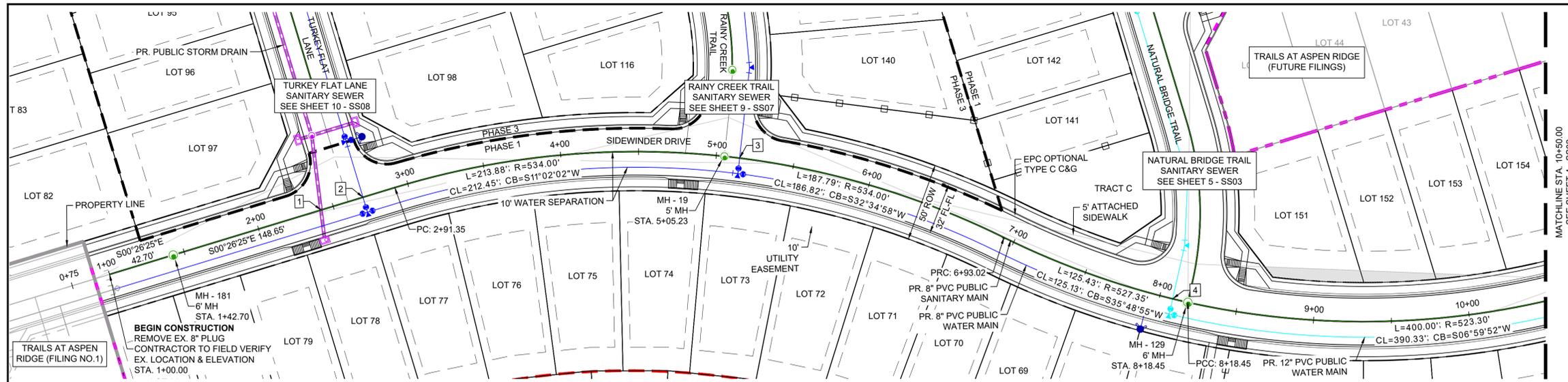
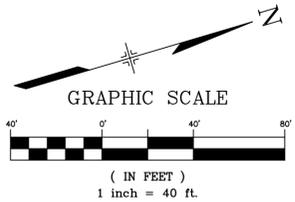
FILING NO. 3  
8" SANITARY SEWER PLANS

**GENERAL NOTES, LEGEND & ABBREVIATIONS**

DESIGNED BY: BAS	SCALE: HORIZ N/A	DATE ISSUED: MARCH 2022	DRAWING No. GN01
DRAWN BY: BAS	VERT. N/A	SHEET 2 OF 15	
CHECKED BY: NMS			

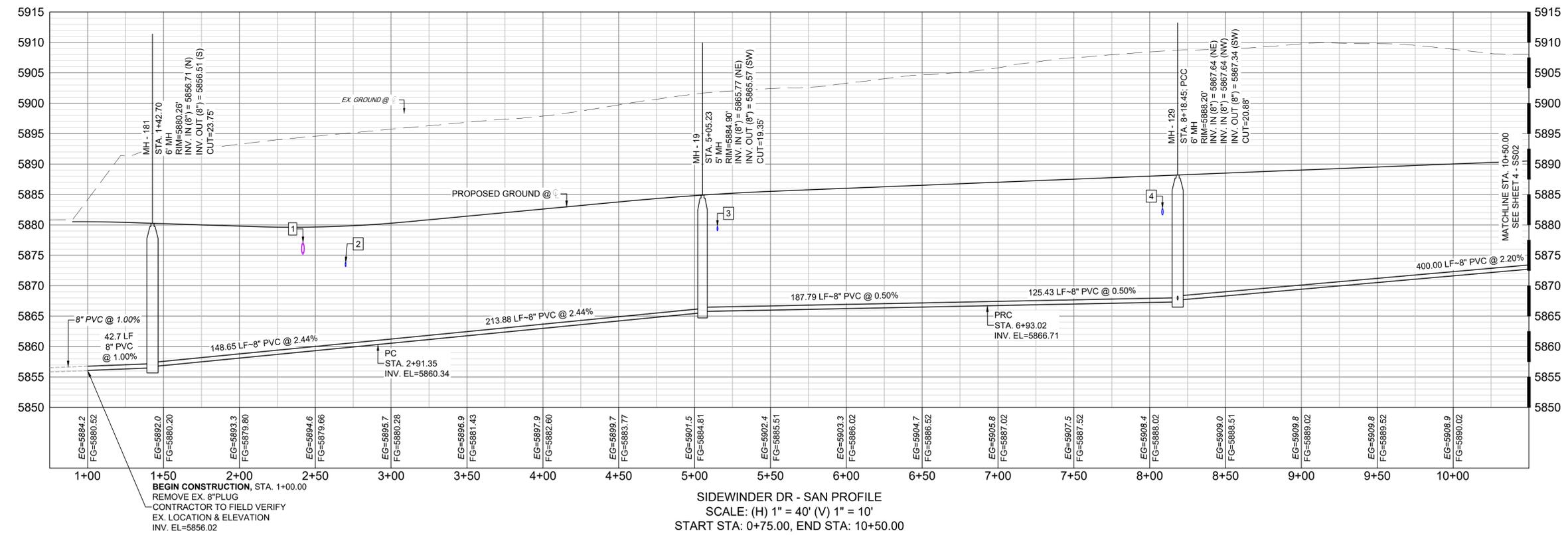


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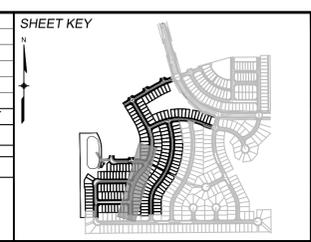
NOTE: CURVILINEAR PIPE OF RADII 523' - 534' TO UTILIZE 3° BENDS AT EVERY OTHER JOINT

UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
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COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206  
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**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**WASTEWATER PLAN & PROFILE**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

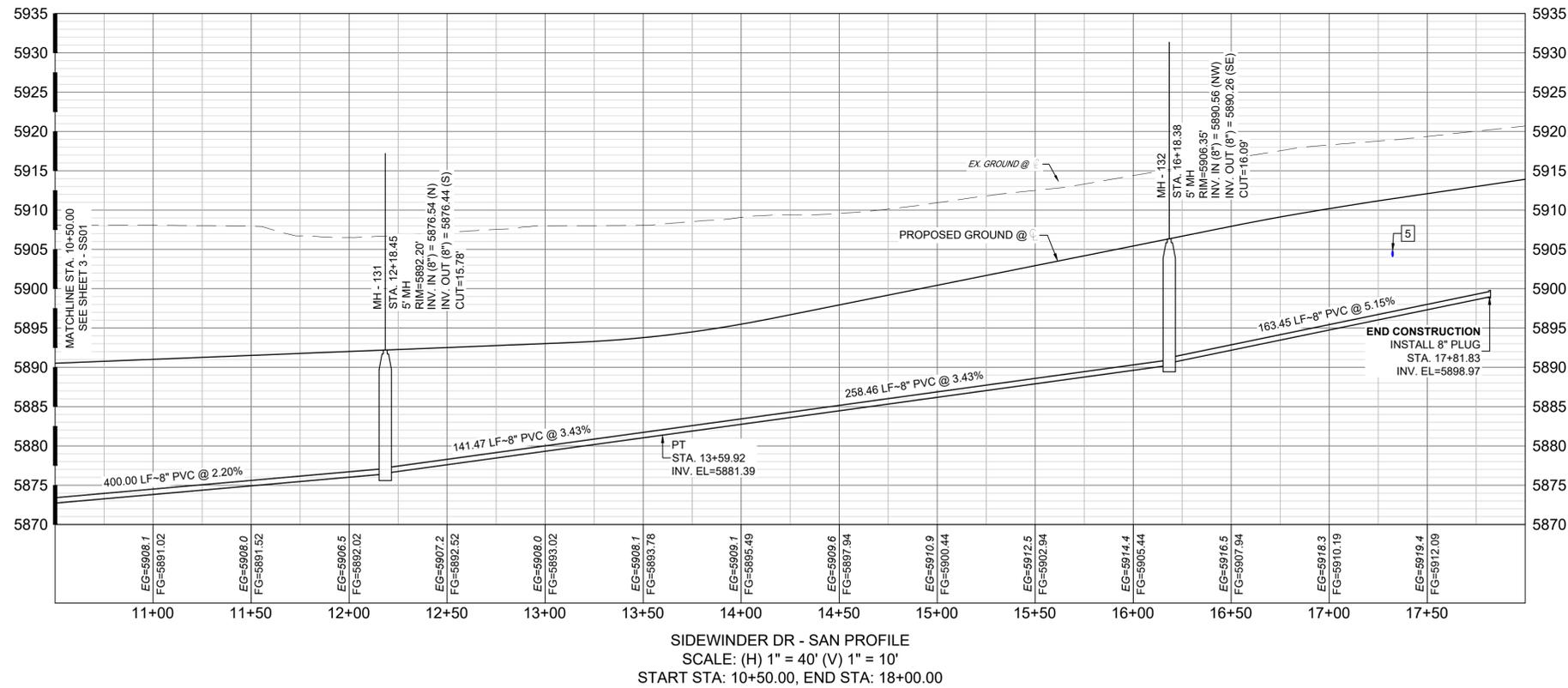
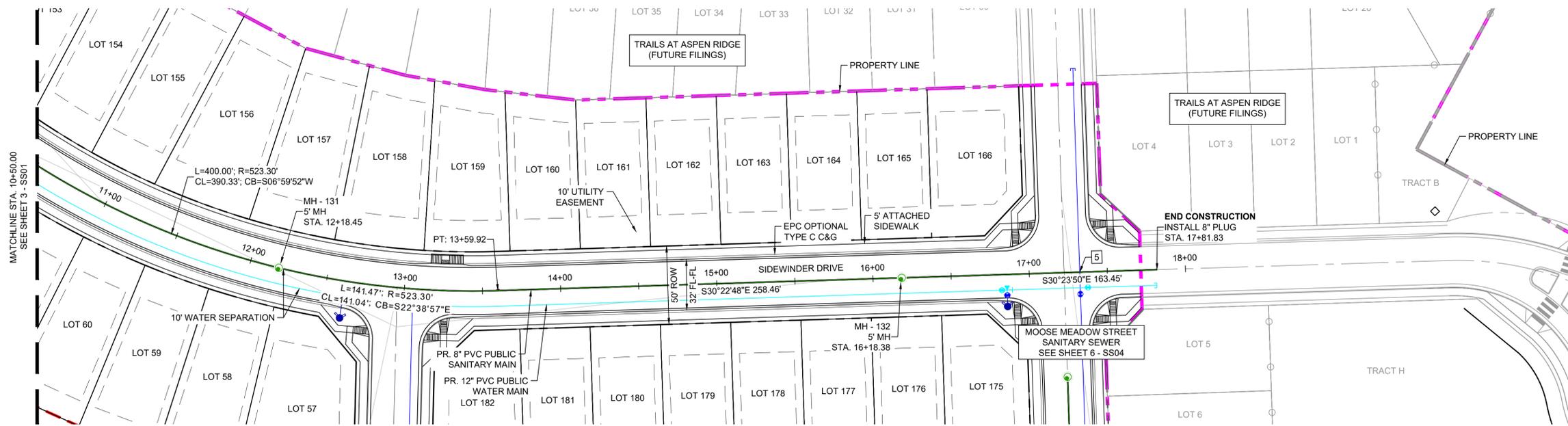
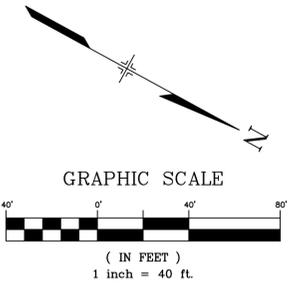
SCALE: HORIZ 1" = 40'  
VERT 1" = 10'

DATE ISSUED: MARCH 2022  
SHEET 3 OF 15

DRAWING No. SS01



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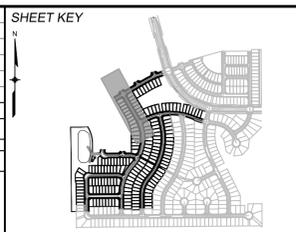


NOTE: CURVILINEAR PIPE OF RADII 523.30' TO UTILIZE 3° BENDS AT EVERY OTHER JOINT

UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
5	N 7043.98 E 12349.93	8" PVC SEWER 5893.78	8" PVC WATER 5904.09	10.31'

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.

No.	DATE	DESCRIPTION	BY
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THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**BENCHMARK**  
COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206  
A BERTSEN 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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/4' AULM. CAP PLS 10377)



**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**WASTEWATER PLAN & PROFILE**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

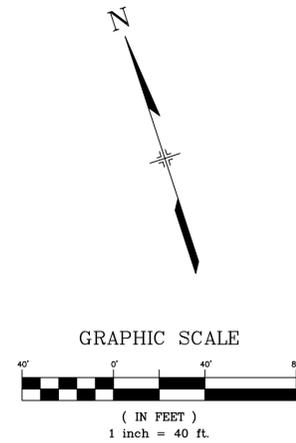
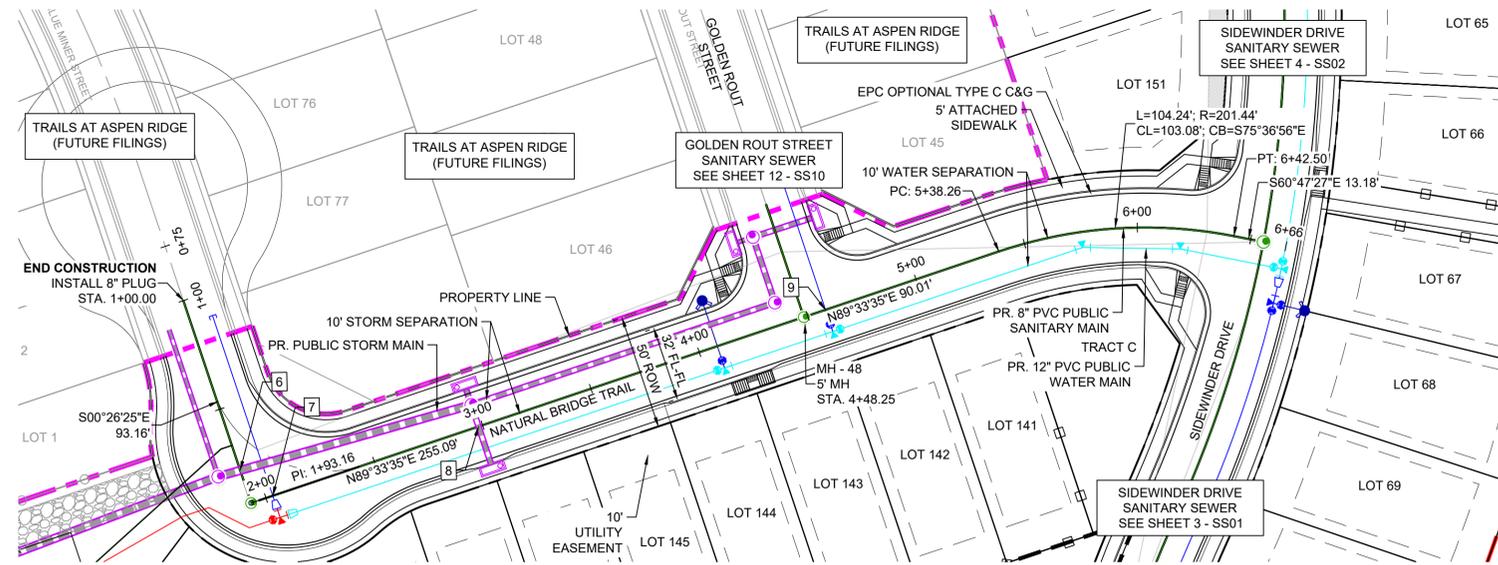
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VERT 1" = 10'

DATE ISSUED: MARCH 2022  
SHEET 4 OF 15

DRAWING No. SS02

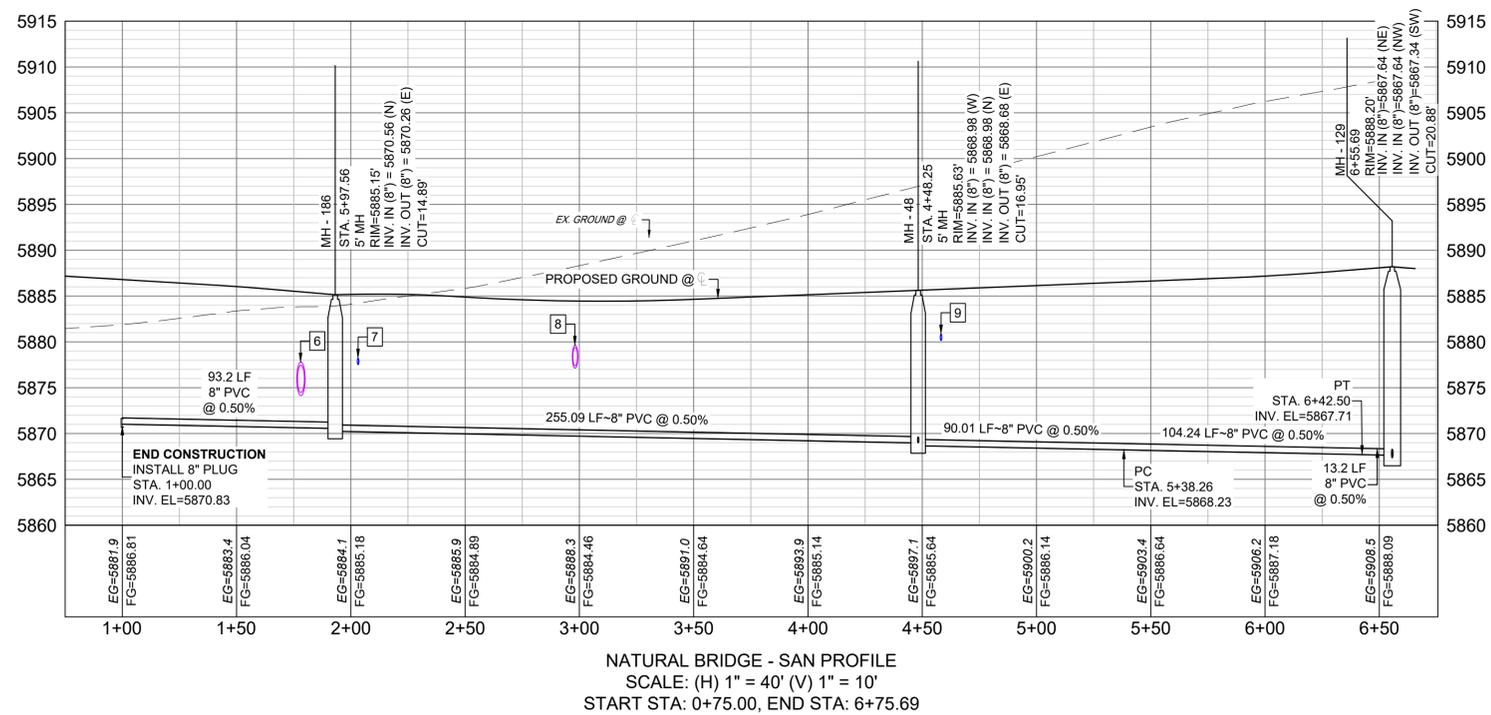


Know what's below.  
Call before you dig.



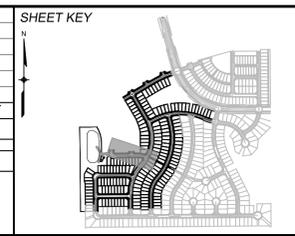
NOTE: CURVILINEAR PIPE OF RADII 201.44' TO UTILIZE 3° BENDS AT EVERY JOINT. MAX PIPE LENGTH OF 10'.

UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
6	N 6249.55	8" PVC SEWER	36" RCP STORM	2.81'
	E 12088.53	5871.33	5874.14	
7	N 6235.29	8" PVC SEWER	8" PVC WATER	6.62'
	E 12098.97	5870.90	5877.52	
8	N 6235.29	8" PVC SEWER	24" RCP STORM	6.73'
	E 12193.58	5870.42	5877.15	
9	N 6236.58	8" PVC SEWER	8" PVC WATER	10.83'
	E 12353.72	5869.32	5880.15	



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.

No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
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THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/2' AULM. CAP PLS 10377)

PREPARED BY:

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**WASTEWATER PLAN & PROFILE**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

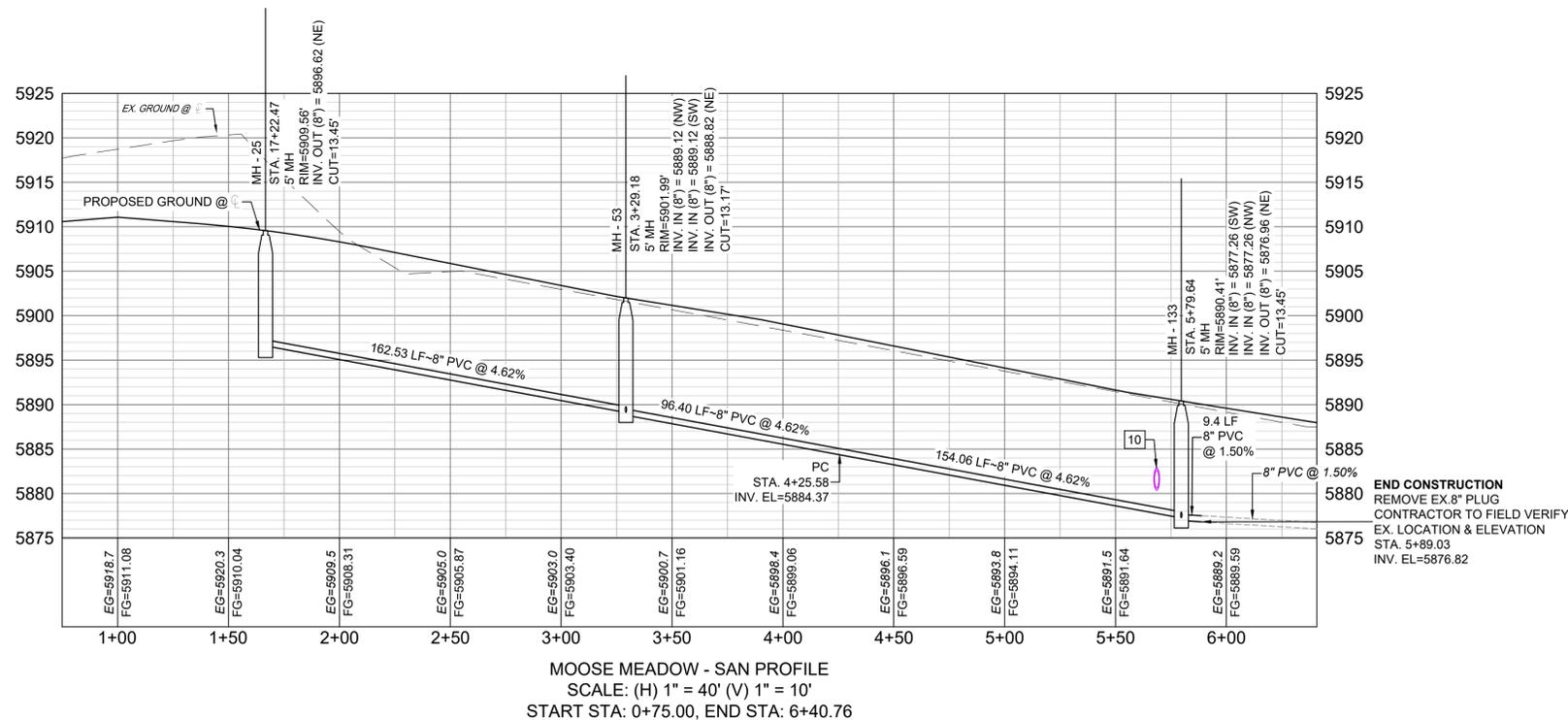
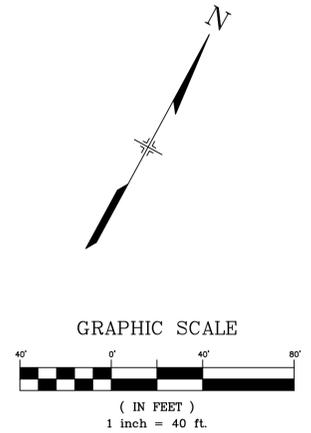
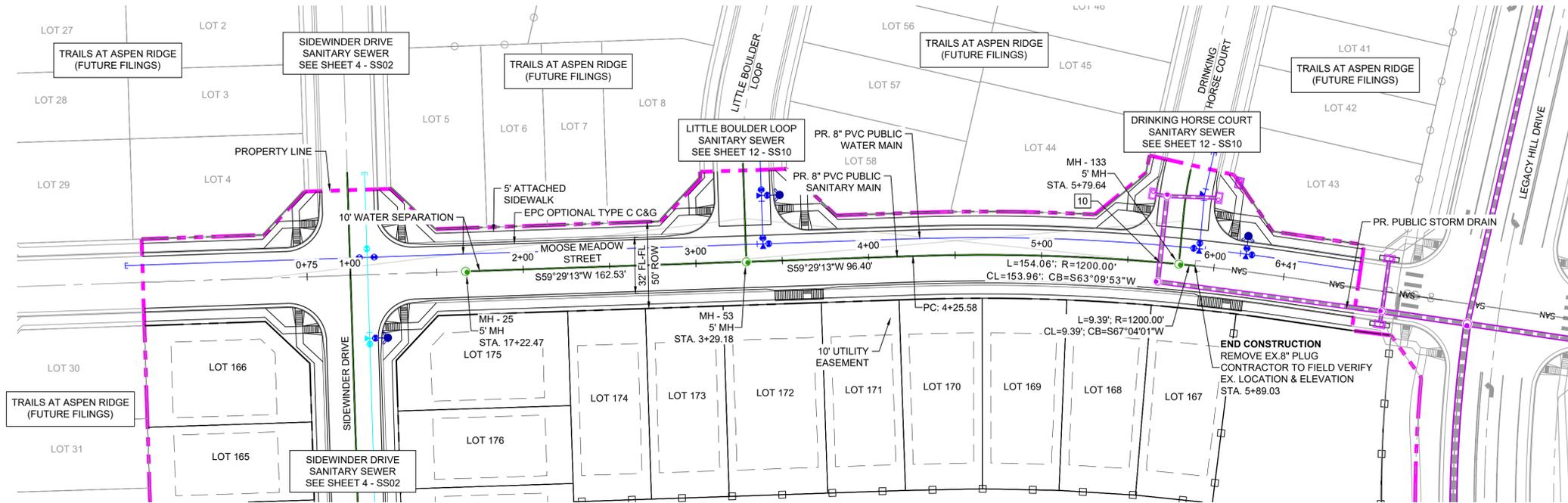
SCALE: HORIZ 1" = 40'  
VERT 1" = 10'

DATE ISSUED: MARCH 2022  
SHEET 5 OF 15

DRAWING No. SS03



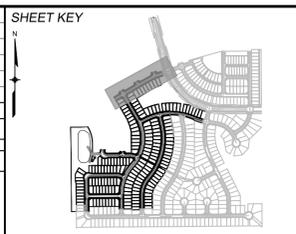
Know what's below.  
Call before you dig.



UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
10	N 7265.76 E 12762.69	8" PVC SEWER 5878.46	24" RCP STORM 5880.38	1.92'

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.

REFERENCE DRAWINGS		SHEET KEY	
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CTB FILE: Matrix(black).ctb			
PLOT DATE: July 27, 2022 11:59:14 AM			
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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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/4' AULM. CAP PLS 10377)



**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

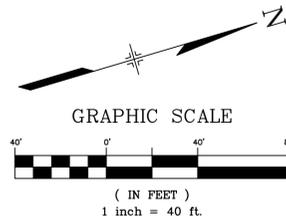
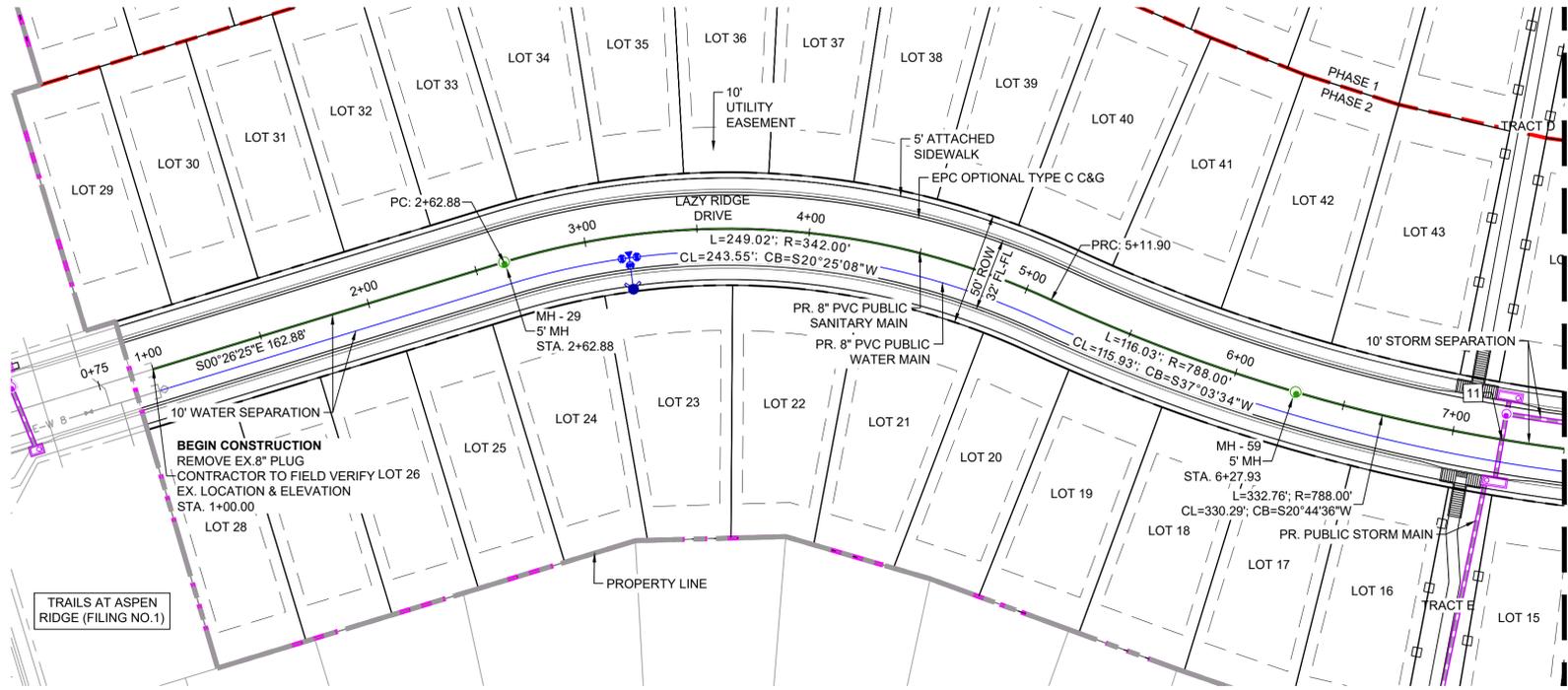
**WASTEWATER PLAN & PROILE**

DESIGNED BY: BAS	SCALE: HORIZ 1" = 40'	DATE ISSUED: MARCH 2022	DRAWING No. SS04
DRAWN BY: BAS	VERT. 1" = 10'	SHEET 6 OF 15	
CHECKED BY: NMS			

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

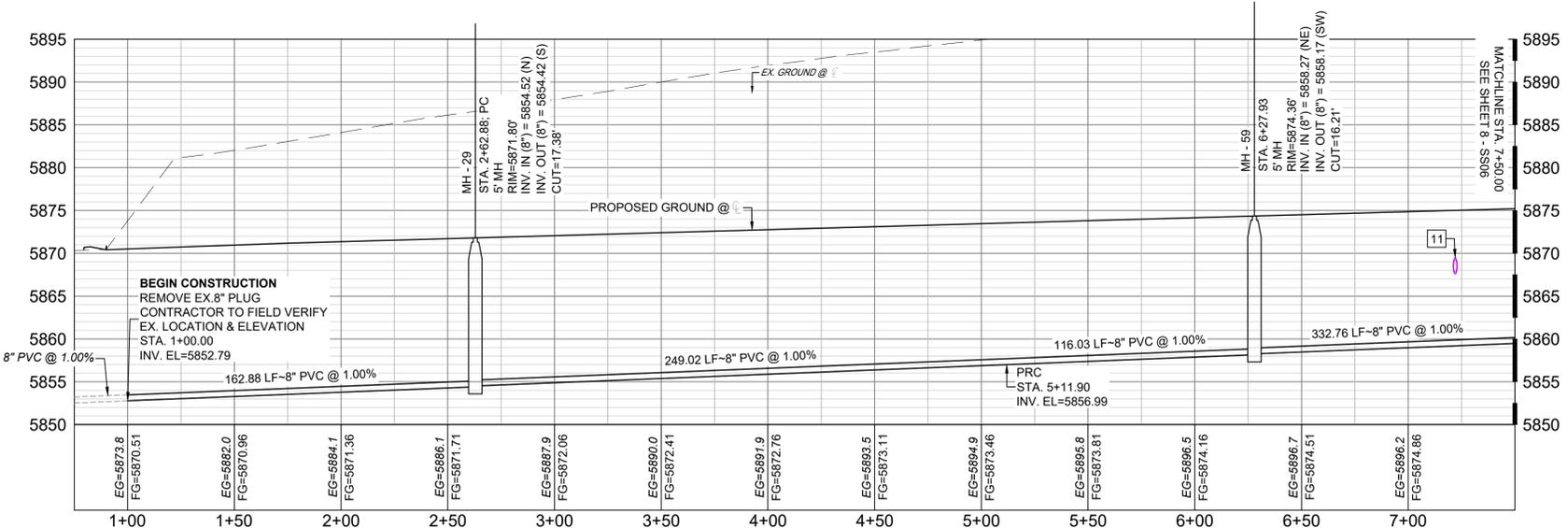


Know what's below.  
Call before you dig.



NOTE: CURVILINEAR PIPE OF RADII 342' TO UTILIZE 3° BENDS AT EVERY JOINT  
NOTE: CURVILINEAR PIPE OF RADII 788' TO UTILIZE 3° BENDS AT EVERY 3RD JOINT

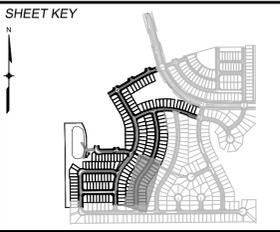
UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
11	N 6115.04 E 12801.82	8" PVC SEWER 5859.90	18" RCP STORM 5867.58	7.68'



LAZY RIDGE - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 0+75.00, END STA: 7+50.00

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.

No.	DATE	DESCRIPTION	BY
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**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/2' AULM. CAP PLS 10377)



**TRAILS AT ASPEN RIDGE**  
FILING NO. 3  
8" SANITARY SEWER PLANS

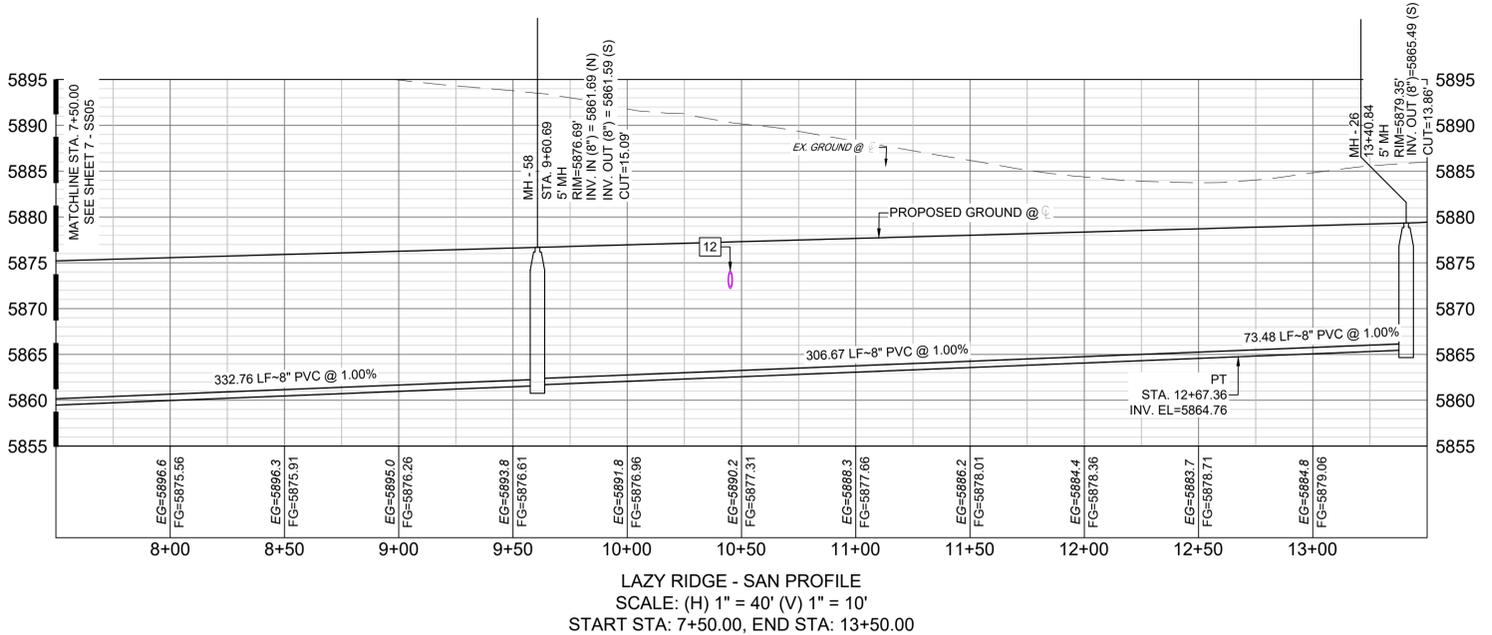
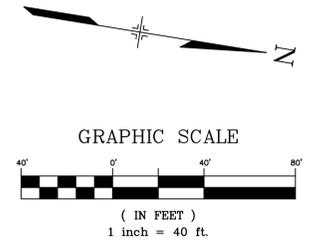
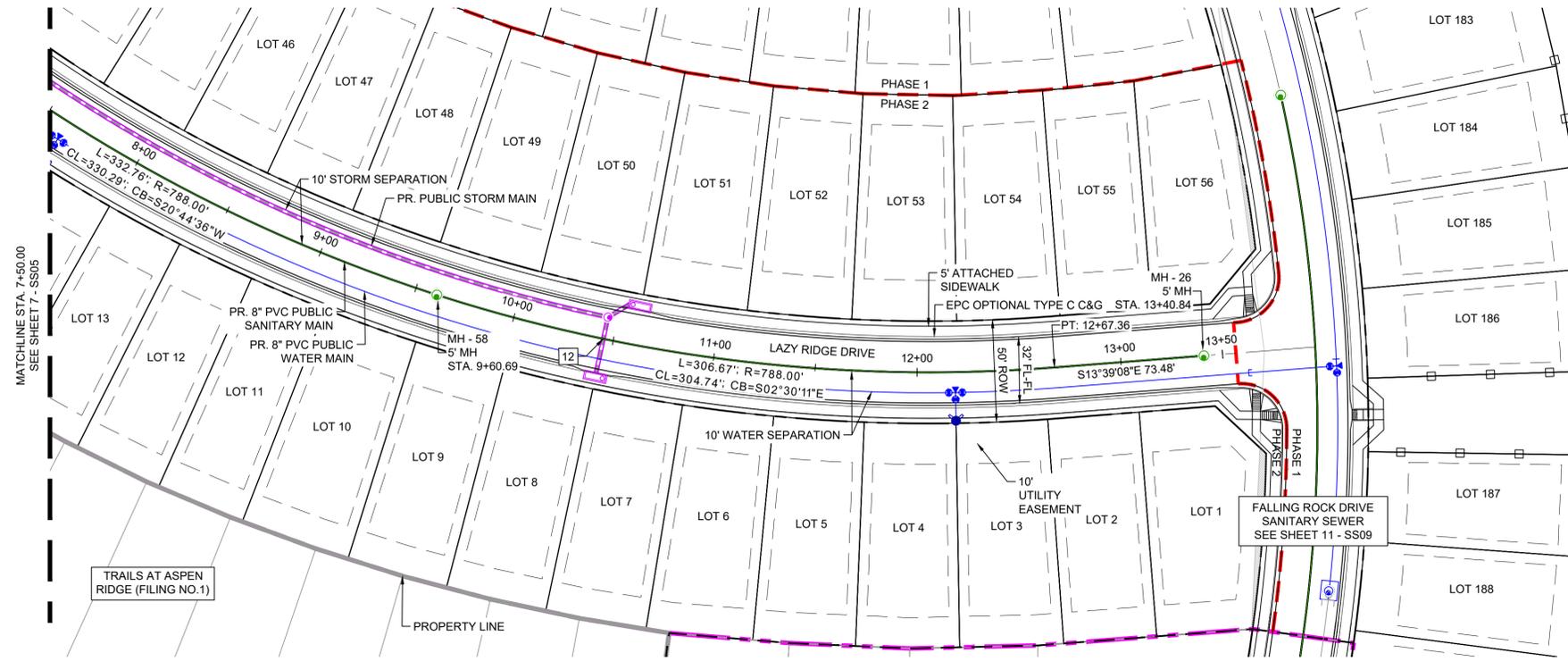
**WASTEWATER PLAN & PROFILE**

DESIGNED BY: BAS	SCALE: HORIZ 1" = 40'	DATE ISSUED: MARCH 2022	DRAWING No. SS05
DRAWN BY: BAS	VERT. 1" = 10'	SHEET 7 OF 15	
CHECKED BY: NMS			

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028



Know what's below.  
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NOTE: CURVILINEAR PIPE OF RADII 788' TO UTILIZE 3° BENDS AT EVERY 3RD JOINT

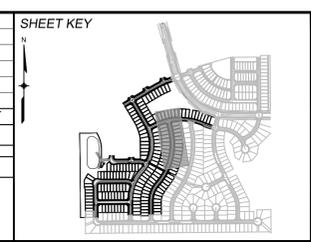
UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
12	N 6425.98 E 12880.82	8" PVC SEWER 5863.22	18" RCP STORM 5872.19	8.97'

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.

No.	DATE	DESCRIPTION	BY
REVISIONS			

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CTB FILE:	Matrix(black).ctb
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**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 BEARS S89°51'23\"/>

PREPARED BY:

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**WASTEWATER PLAN & PROFILE**

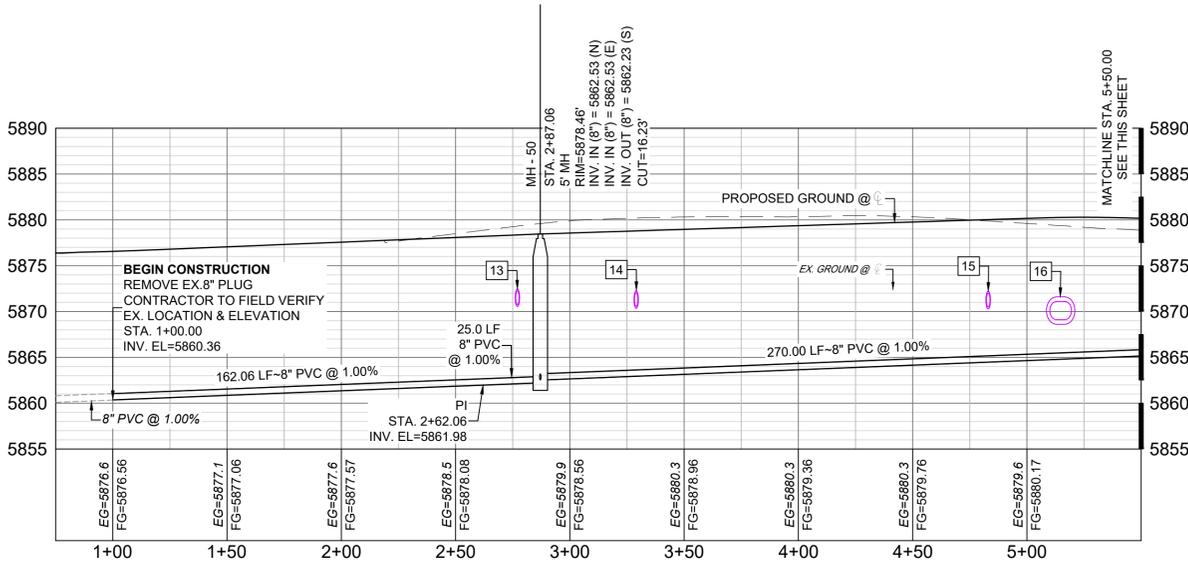
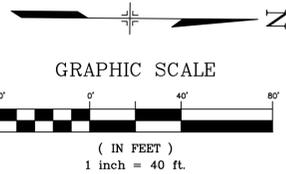
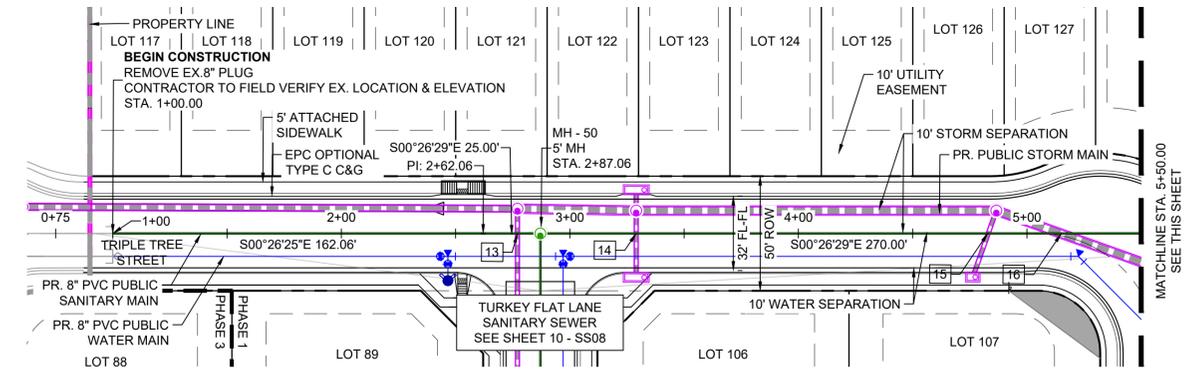
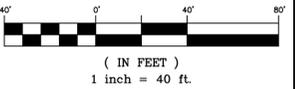
DESIGNED BY:	BAS	SCALE:	DATE ISSUED:	MARCH 2022	DRAWING No.
DRAWN BY:	BAS	HORIZ. 1" = 40'	SHEET	8 OF 15	SS06
CHECKED BY:	NMS	VERT. 1" = 10'			



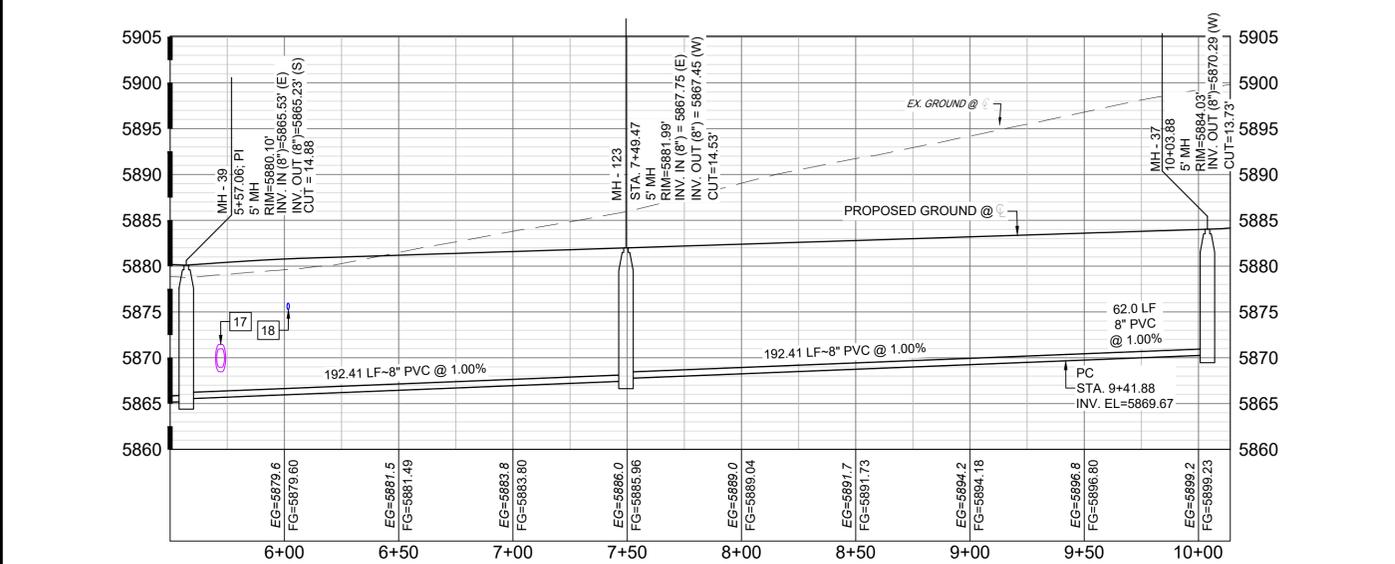
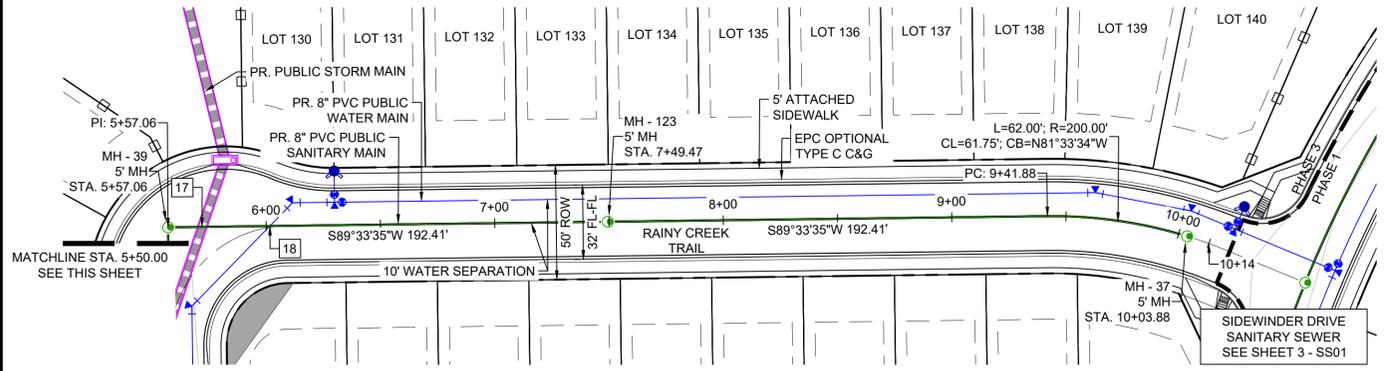
Know what's below.  
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GRAPHIC SCALE



TRIPLE TREE-RAINY CREEK - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 0+75.00, END STA: 5+50.00



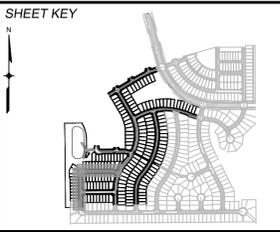
TRIPLE TREE-RAINY CREEK - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 5+50.00, END STA: 10+13.88

NOTE: CURVILINEAR PIPE OF RADII 200' TO UTILIZE 3° BENDS AT EVERY JOINT. MAX PIPE LENGTH OF 10'.

UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
13	N 5692.89 E 11875.92	8" PVC SEWER 5862.82	18" RCP STORM 5870.52	7.70'
14	N 5744.86 E 11875.52	8" PVC SEWER 5863.84	18" RCP STORM 5870.36	6.72'
15	N 5898.88 E 11874.33	8" PVC SEWER 5865.18	18" RCP STORM 5870.29	5.11'
16	N 5930.88 E 11874.08	8" PVC SEWER 5865.49	38"x24" STORM 5868.60	3.11'
17	N 5973.00 E 11888.59	8" PVC SEWER 5866.37	38"x24" STORM 5868.47	2.10'
18	N 5973.23 E 11918.32	8" PVC SEWER 5866.67	8" PVC WATER 5875.26	8.59'

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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CTB FILE: Matrix(black).ctb			
PLOT DATE: July 27, 2022 12:01:00 PM			
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**BENCHMARK**  
COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206  
A BERTSEN 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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/4" AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/4" AULM. CAP PLS 10377)

PREPARED BY:

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**WASTEWATER PLAN & PROFILE**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

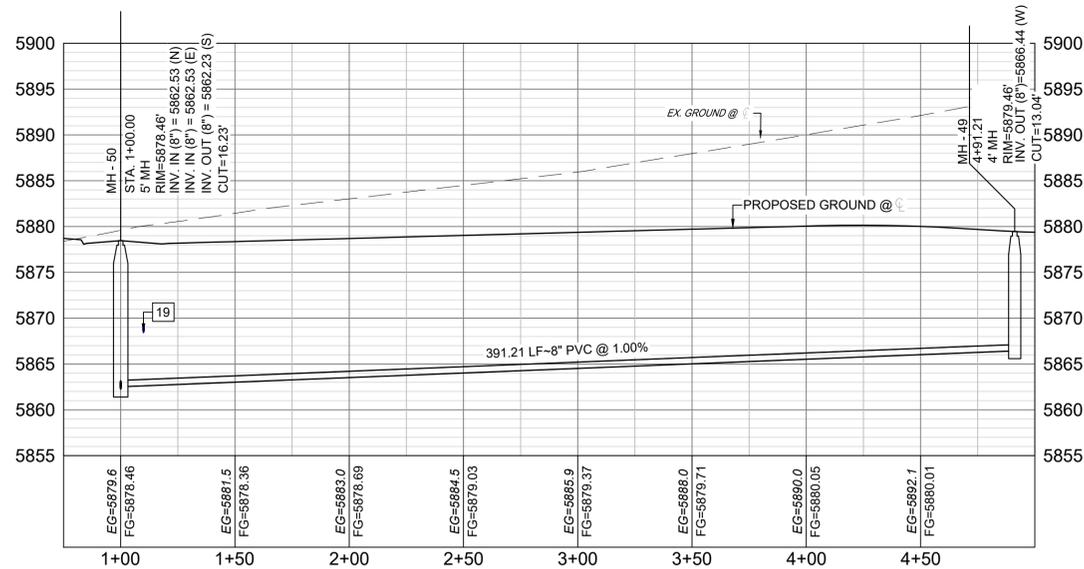
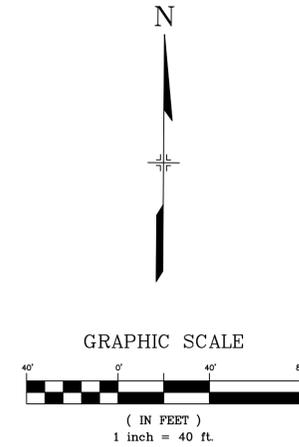
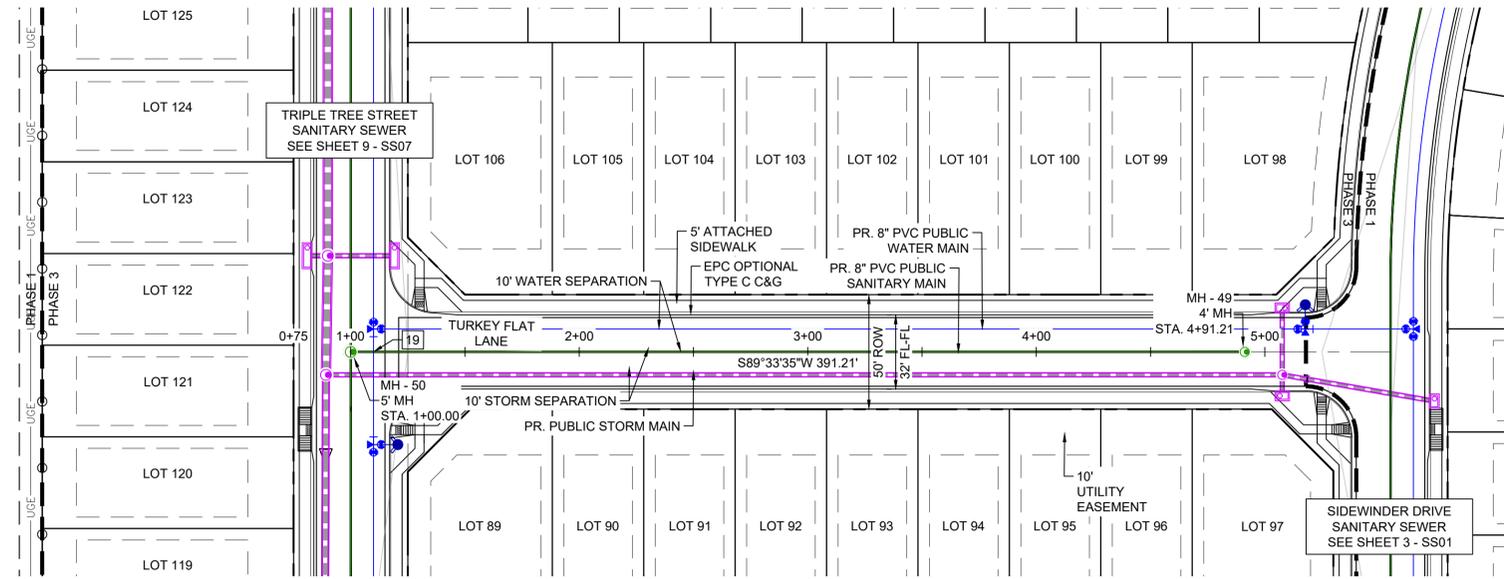
SCALE: HORIZ 1" = 40'  
VERT 1" = 10'

DATE ISSUED: MARCH 2022  
SHEET 9 OF 15

DRAWING No. SS07



Know what's below.  
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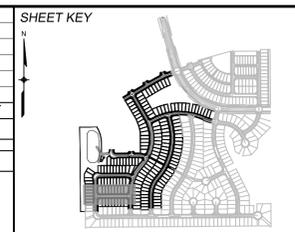


TURKEY FLAT - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 0+75.00, END STA: 5+00.00

UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
19	N 5702.97 E 11885.84	8" PVC SEWER 5863.32	8" PVC WATER 5867.73	4.41'

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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COMPUTER FILE MANAGEMENT			
FILE NAME: S:\20.886.028 (Trails F3)\100 Dwg\104 Plan Sets\Construction Plans\Utility Plans\Sanitary PlanSS01.dwg			
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**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 3/4' AULM. CAP PLS 10377)

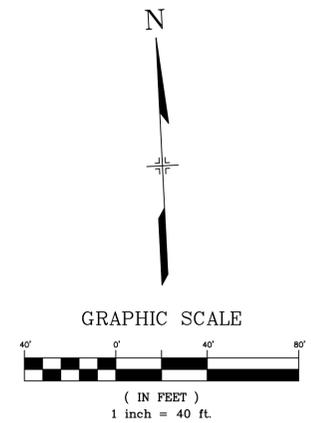
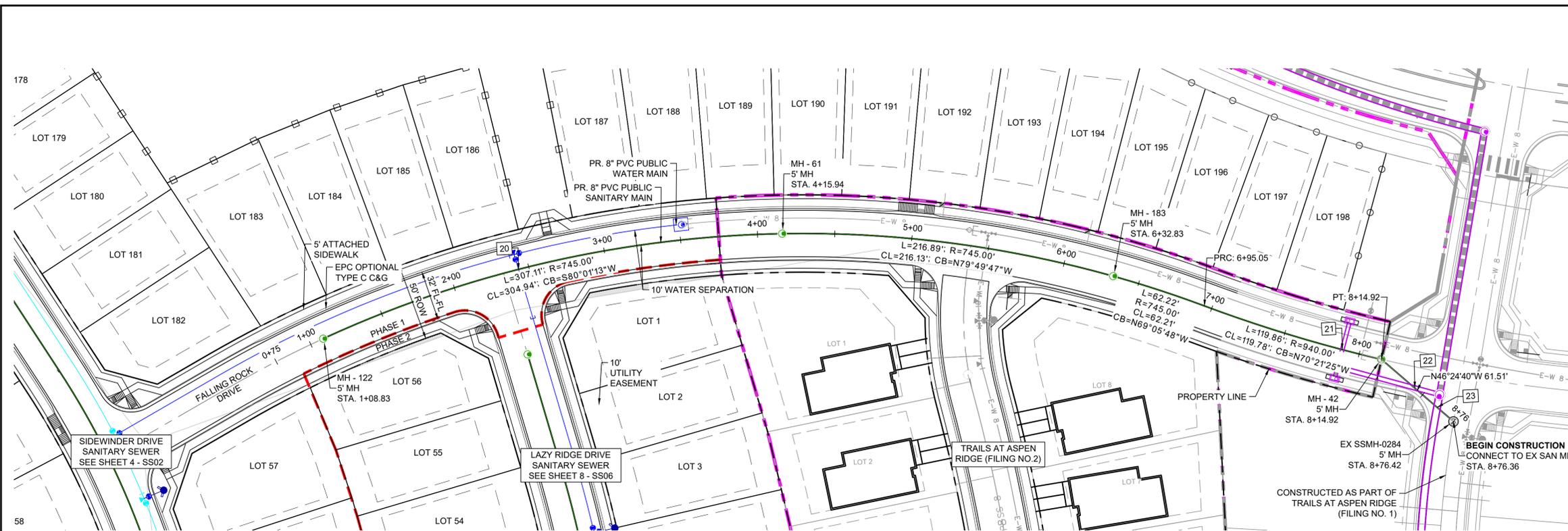


FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

TRAILS AT ASPEN RIDGE			
FILING NO. 3			
8" SANITARY SEWER PLANS			
WASTEWATER PLAN & PROFILE			
DESIGNED BY: BAS	SCALE: 1" = 40'	DATE ISSUED: MARCH 2022	DRAWING No. SS08
DRAWN BY: BAS	HORIZ: 1" = 40'	SHEET: 10 OF 15	
CHECKED BY: NMS	VERT: 1" = 10'		

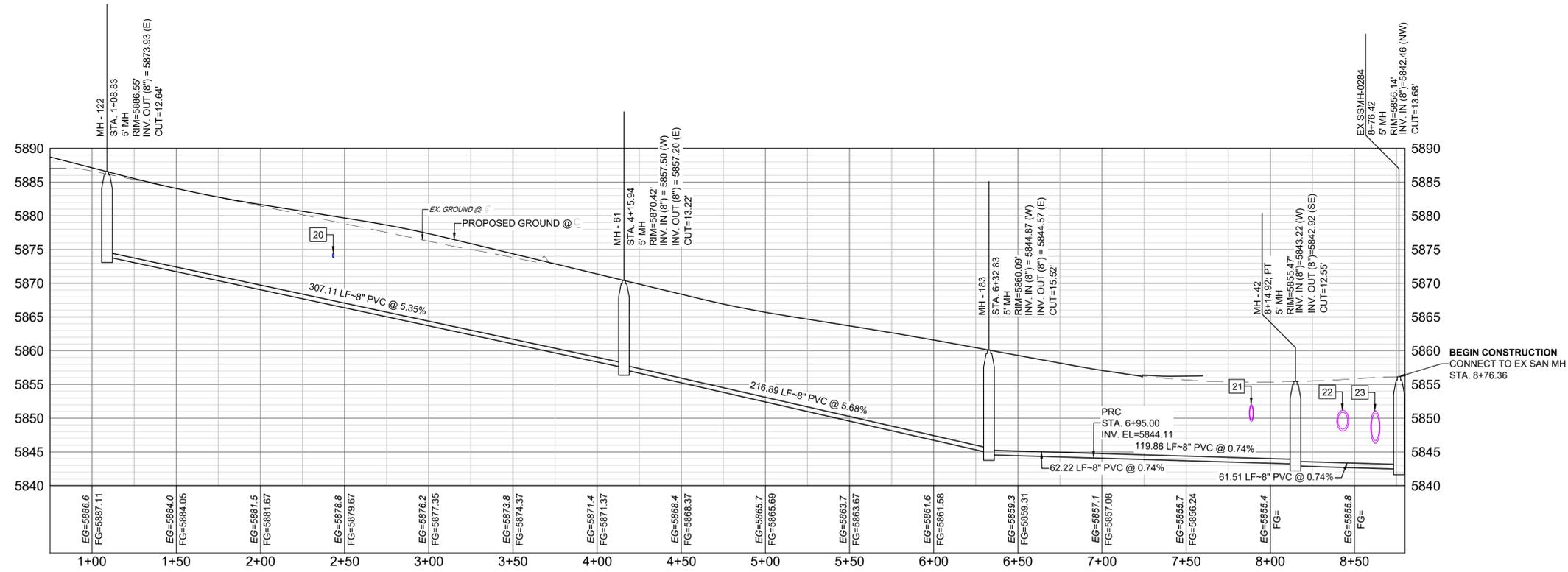


Know what's below.  
Call before you dig.



NOTE: CURVILINEAR PIPE OF RADII 745' TO UTILIZE 3° BENDS AT EVERY OTHER JOINT.  
NOTE: CURVILINEAR PIPE OF RADII 940' TO UTILIZE NO FITTINGS.

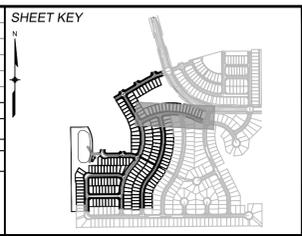
UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
20	N 6773.07 E 12838.85	8" PVC SEWER 5867.43	8" PVC WATER 5873.76	6.33'
21	N 6694.47 E 13369.12	8" PVC SEWER 5844.10	24" RCP STORM 5849.51	5.41'
22	N 6667.39 E 13414.87	8" PVC SEWER 5843.40	30" RCP STORM 5848.10	4.70'
23	N 6654.15 E 13428.61	8" PVC SEWER 5843.25	48" RCP STORM 5846.27	3.02'



FALLING ROCK - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 0+75.00, END STA: 8+80.00

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.

No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: S:\20.886.028 (Trails F3)\100 Dwg\104 Plan Sets\Construction Plans\Utility Plans\Sanitary Plan\SS01.dwg			
CTB FILE: Matrix(black).ctb			
PLOT DATE: July 27, 2022 12:02:06 PM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/2' AULM. CAP PLS 10377)



**TRAILS AT ASPEN RIDGE**  
FILING NO. 3  
8" SANITARY SEWER PLANS

**WASTEWATER PLAN & PROFILE**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

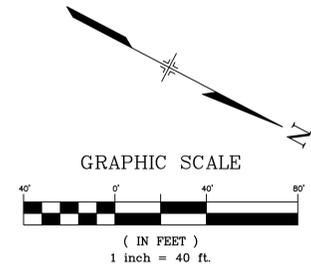
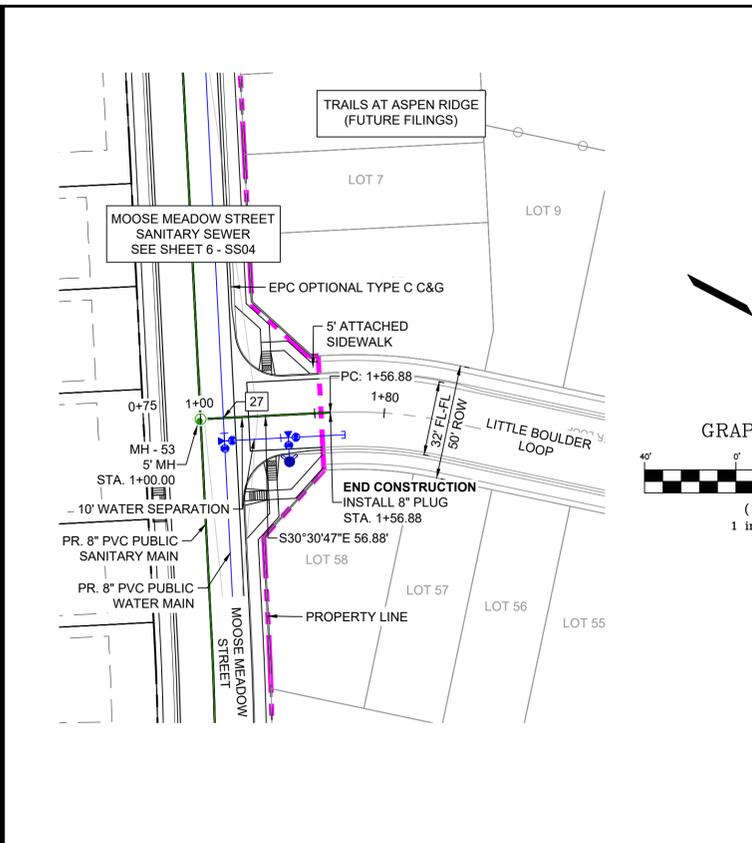
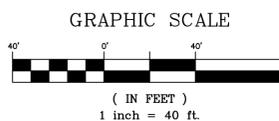
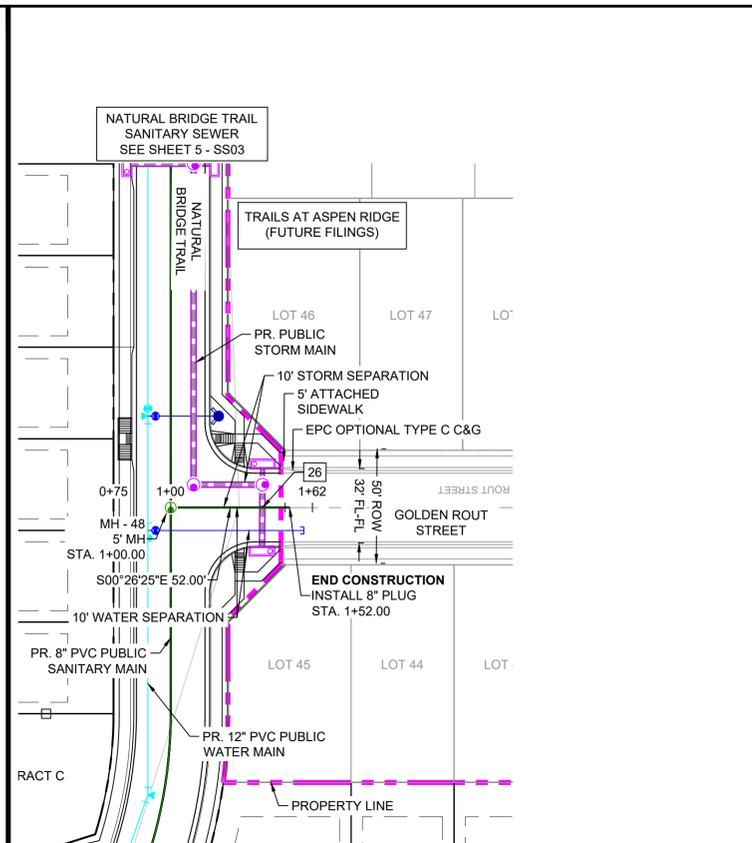
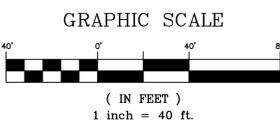
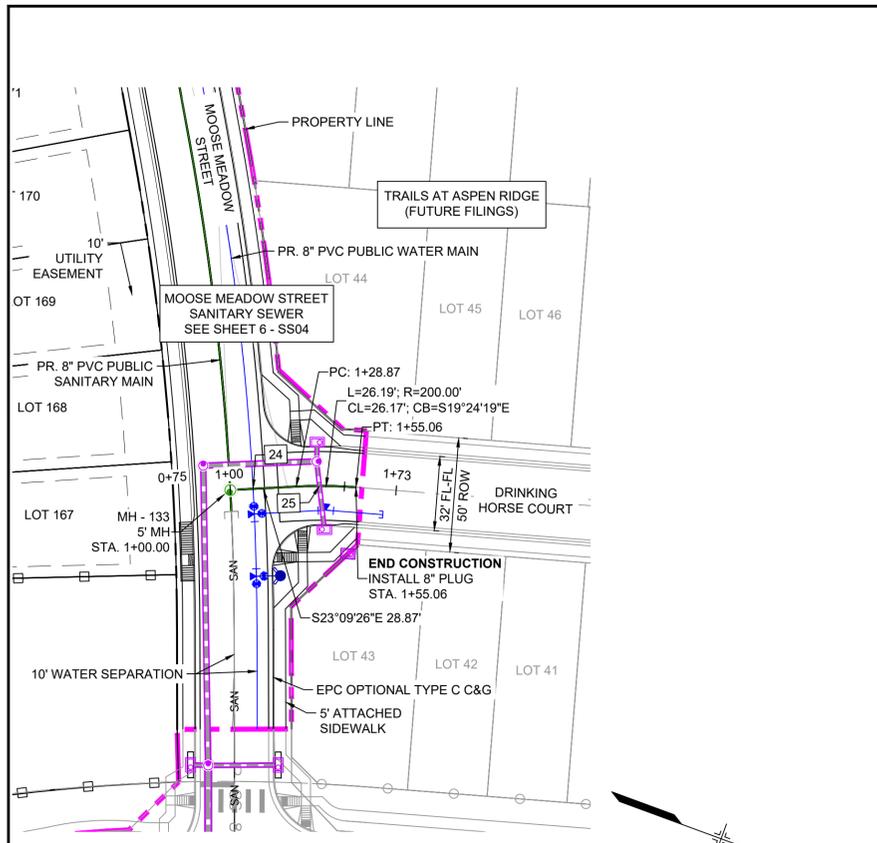
SCALE: HORIZ 1" = 40'  
VERT 1" = 10'

DATE ISSUED: MARCH 2022  
SHEET 11 OF 15

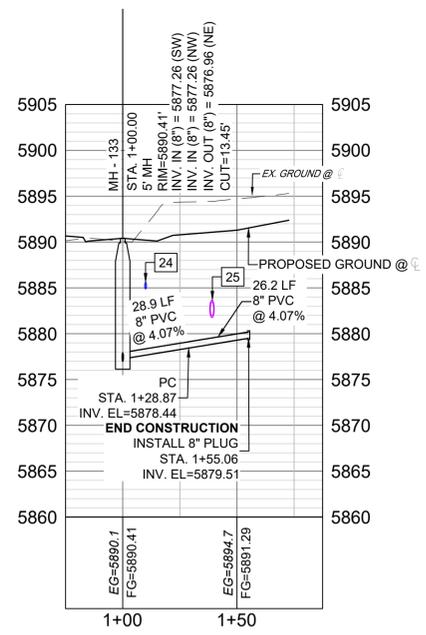
DRAWING No. SS09



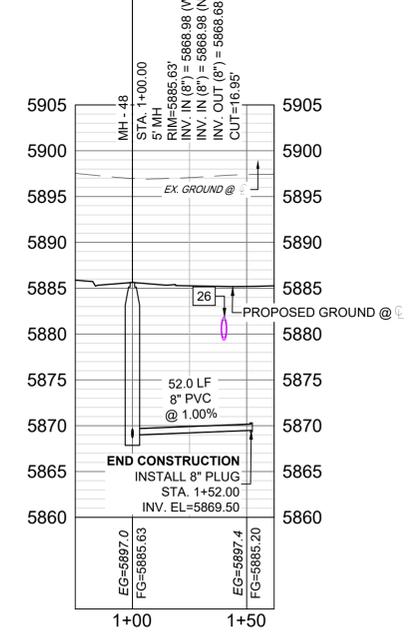
Know what's below.  
Call before you dig.



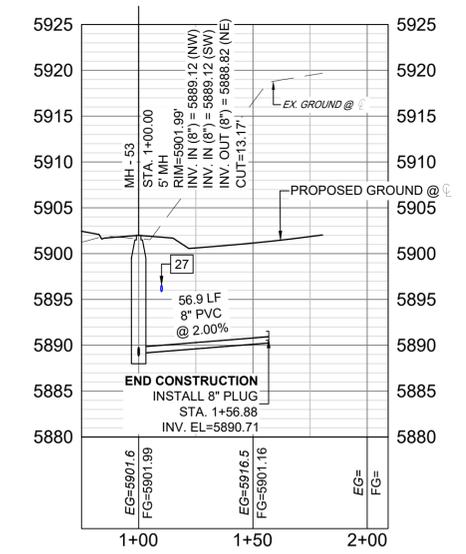
UTILITY CROSSING DETAILS				
CROSSING #	N & E	TOP OF PIPE	BTM OF PIPE	VERT. SEP.
24	N 7279.35 E 12768.92	8" PVC SEWER 5878.05	8" PVC WATER 5884.88	6.83'
25	N 7306.17 E 12757.74	8" PVC SEWER 5879.54	18" RCP STORM 5881.75	2.21'
26	N 6276.57 E 12343.41	8" PVC SEWER 5870.07	24" RCP STORM 5879.34	9.27'
27	N 7160.33 E 12547.35	8" PVC SEWER 5890.09	8" PVC WATER 5895.84	5.75'



DRINKING HORSE - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 0+75.00, END STA: 1+87.45



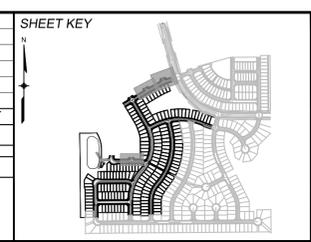
GOLDEN ROUT - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 0+75.00, END STA: 1+62.00



LITTLE BOULDER - SAN PROFILE  
SCALE: (H) 1" = 40' (V) 1" = 10'  
START STA: 0+75.00, END STA: 2+09.18

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.

No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: S:\20.886.028 (Trails F3)\100 Dwg\104 Plan Sets\Construction Plans\Utility Plans\Sanitary Plan\SS01.dwg			
CTB FILE: Matrix(black).ctb			
PLOT DATE: July 27, 2022 12:03:04 PM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**BENCHMARK**  
COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206  
A BERTSEN 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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/2' AULM. CAP PLS 10377)

PREPARED BY:

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**WASTEWATER PLAN & PROFILE**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

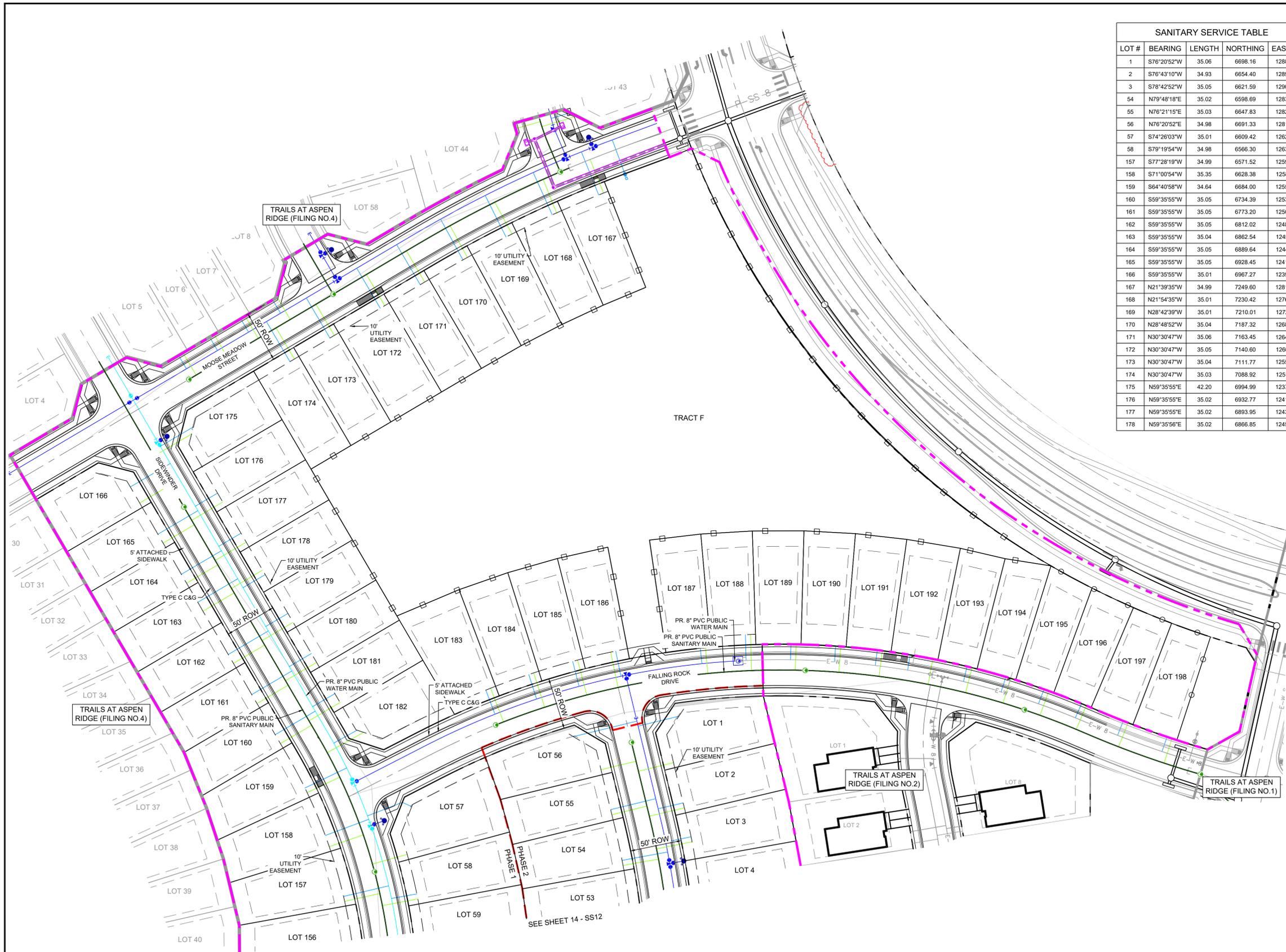
SCALE: HORIZ 1" = 40'  
VERT 1" = 10'

DATE ISSUED: MARCH 2022  
SHEET 12 OF 15

DRAWING No. SS10



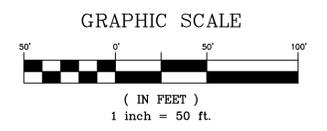
Know what's below.  
Call before you dig.



SANITARY SERVICE TABLE				
LOT #	BEARING	LENGTH	NORTHING	EASTING
1	S76°20'52"W	35.06	6698.16	12882.83
2	S76°43'10"W	34.93	6654.40	12893.33
3	S78°42'52"W	35.05	6621.59	12900.85
54	N79°48'18"E	35.02	6598.69	12833.78
55	N76°21'15"E	35.03	6647.83	12822.93
56	N76°20'52"E	34.98	6691.33	12812.42
57	S74°26'03"W	35.01	6609.42	12624.33
58	S79°19'54"W	34.98	6566.30	12634.64
157	S77°28'19"W	34.99	6571.52	12597.78
158	S71°00'54"W	35.35	6628.38	12582.11
159	S64°40'58"W	34.64	6684.00	12558.53
160	S59°35'55"W	35.05	6734.39	12531.49
161	S59°35'55"W	35.05	6773.20	12508.72
162	S59°35'55"W	35.05	6812.02	12485.95
163	S59°35'55"W	35.04	6862.54	12456.31
164	S59°35'55"W	35.05	6889.84	12440.41
165	S59°35'55"W	35.05	6928.45	12417.63
166	S59°35'55"W	35.01	6967.27	12394.87
167	N21°39'35"W	34.99	7249.60	12814.76
168	N21°54'35"W	35.01	7230.42	12769.29
169	N28°42'39"W	35.01	7210.01	12726.11
170	N28°48'52"W	35.04	7187.32	12682.76
171	N30°30'47"W	35.06	7163.45	12641.28
172	N30°30'47"W	35.05	7140.60	12602.51
173	N30°30'47"W	35.04	7111.77	12553.58
174	N30°30'47"W	35.03	7088.92	12514.81
175	N59°35'55"E	42.20	6994.99	12378.63
176	N59°35'55"E	35.02	6932.77	12415.10
177	N59°35'55"E	35.02	6893.95	12437.88
178	N59°35'56"E	35.02	6866.85	12453.78

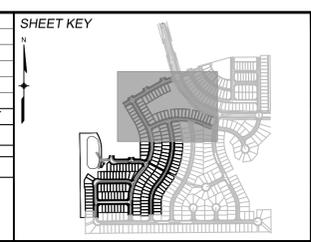
SANITARY SERVICE TABLE				
LOT #	BEARING	LENGTH	NORTHING	EASTING
179	N59°35'55"E	34.41	6816.50	12483.71
180	N59°35'55"E	35.01	6777.52	12506.19
181	N59°35'55"E	35.00	6738.70	12528.96
182	S60°55'11"W	40.47	6727.54	12582.10
183	N21°09'39"W	34.94	6737.68	12717.82
184	N17°53'53"W	34.95	6751.86	12757.80
185	N14°38'07"W	34.95	6763.74	12798.52
186	N11°50'40"W	34.95	6771.01	12828.95
187	N05°26'15"W	34.95	6784.56	12916.17
188	N01°33'15"W	34.95	6787.38	12958.49
189	N02°09'46"E	25.22	6787.55	13000.91
190	N04°21'03"E	25.15	6785.60	13043.27
191	N07°36'49"E	25.10	6781.66	13082.19
192	N10°26'56"E	25.00	6774.02	13129.92
193	N14°23'20"E	25.03	6765.93	13166.31
194	N17°17'50"E	25.00	6755.93	13202.67
195	N20°10'25"E	24.84	6744.08	13238.50
196	N23°05'22"E	24.59	6730.44	13273.67
197	N21°41'47"E	25.02	6713.56	13314.75
198	N17°46'48"E	25.02	6697.76	13358.95
201	N74°19'28"E	25.00	7311.96	12729.50
202	S73°22'46"W	35.60	7324.08	12789.03
203	N30°30'47"W	25.00	7073.34	12419.44
204	N30°30'47"W	25.00	7091.11	12449.60
205	N30°30'47"W	25.00	7108.88	12479.75
206	S30°30'47"E	25.18	7148.86	12497.98

NOTE: LOTS 201-206 ARE FUTURE LOT SANITARY LINES TO BE BUILT AS PART OF TRAILS AT ASPEN RIDGE F3



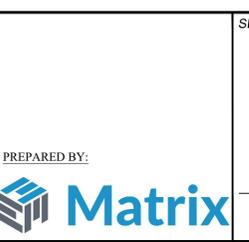
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REFERENCE DRAWINGS		SHEET KEY	
No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
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CTB FILE: Matrix(black).ctb			
PLOT DATE: July 27, 2022 12:04:08 PM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/4' AULM. CAP PLS 10377)



SEAL

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**SANITARY SERVICE PLAN**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

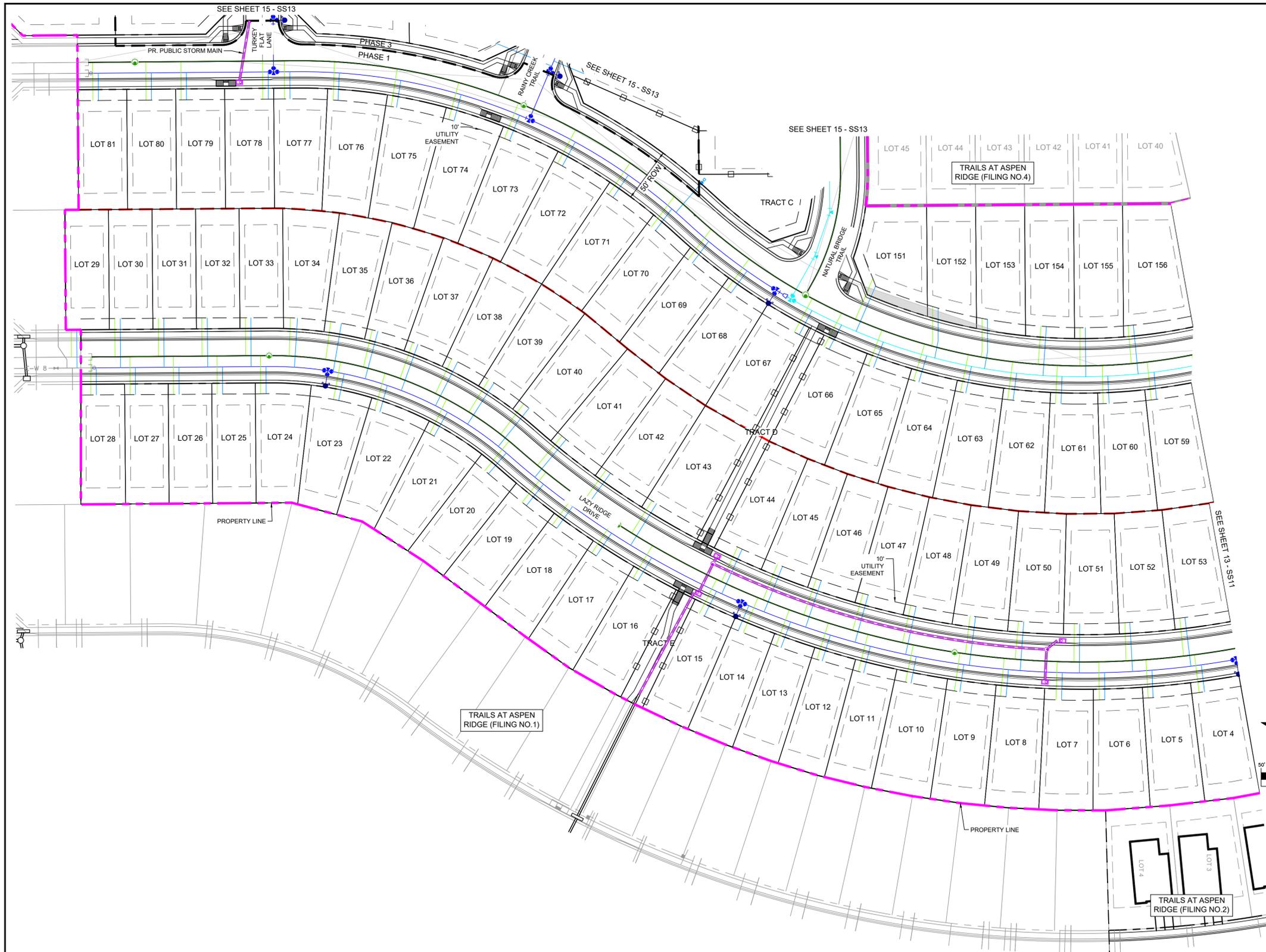
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DATE ISSUED: MARCH 2022  
SHEET 13 OF 15

DRAWING No. **SS11**

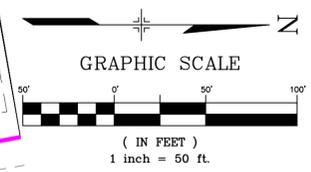


Know what's below.  
Call before you dig.



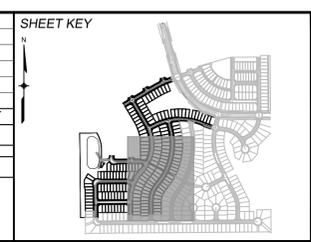
SANITARY SERVICE TABLE				
LOT #	BEARING	LENGTH	NORTHING	EASTING
4	S82°41'48"W	34.67	6566.75	12909.58
5	S86°36'31"W	35.08	6519.87	12914.51
6	S89°15'58"W	34.91	6475.03	12916.36
7	N88°14'37"W	35.15	6435.26	12916.34
8	N84°27'14"W	34.92	6384.23	12912.95
9	S81°43'04"E	35.11	6346.97	12873.37
10	N78°11'31"W	34.92	6297.00	12900.02
11	N75°26'29"W	35.08	6253.59	12890.23
12	N72°41'26"W	34.92	6215.64	12879.22
13	N69°34'34"W	35.08	6177.95	12866.64
14	N67°20'04"W	34.81	6148.02	12854.78
15	N63°18'17"W	35.20	6107.59	12837.38
16	N59°27'53"W	34.92	6046.70	12804.89
17	N56°22'12"W	35.08	6008.81	12781.65
18	N53°16'32"W	34.92	5972.43	12756.14
19	N51°36'30"W	35.05	5944.81	12735.22
20	N50°25'50"W	35.15	5910.48	12706.25
21	N64°12'58"W	35.16	5860.13	12672.40
22	N74°34'48"W	35.23	5809.48	12650.89
23	S79°23'21"E	34.99	5777.99	12606.64
24	N89°41'06"E	34.90	5704.50	12600.86
25	N89°41'08"E	34.96	5664.50	12601.17
26	N89°41'06"E	34.91	5624.50	12601.47
27	N89°41'05"E	34.86	5584.50	12601.78
28	N89°41'03"E	34.82	5548.51	12602.06
29	N89°33'35"E	25.00	5530.69	12577.19
30	N89°33'35"E	35.00	5570.61	12566.89
31	N89°41'08"E	35.00	5610.68	12566.58
32	N89°33'35"E	34.98	5650.61	12566.29
33	N89°41'03"E	34.86	5690.68	12566.10
34	S88°06'35"E	34.77	5732.01	12566.17
35	S82°31'38"E	34.99	5769.00	12569.65
36	S76°36'38"E	35.00	5807.18	12577.19
37	S70°41'38"E	35.01	5844.38	12588.64
38	S64°46'37"E	35.00	5880.19	12603.86
39	S58°17'04"E	35.05	5914.29	12622.74
40	S52°56'36"E	34.95	5946.15	12644.98
41	S50°06'16"E	35.02	5981.37	12674.48
42	S53°59'44"E	35.02	6021.89	12705.65
43	S57°45'22"E	35.03	6064.11	12733.80
44	S65°02'28"E	35.00	6142.74	12776.25

SANITARY SERVICE TABLE				
LOT #	BEARING	LENGTH	NORTHING	EASTING
45	S67°44'34"E	35.10	6179.34	12792.12
46	S70°35'43"E	35.02	6215.03	12805.44
47	S74°23'24"E	35.02	6257.87	12818.80
48	S77°27'28"E	35.02	6301.85	12829.67
49	N82°45'42"W	35.11	6351.91	12874.16
50	S84°45'02"E	35.08	6400.77	12844.20
51	S89°21'45"E	35.00	6452.11	12846.53
52	N88°32'03"E	35.03	6498.59	12845.61
53	N84°08'49"E	35.02	6548.82	12841.37
59	S83°51'37"W	34.98	6522.71	12641.48
60	S88°50'53"W	34.99	6478.47	12644.87
61	N87°05'16"W	34.98	6434.71	12644.75
62	N82°34'01"W	34.97	6390.84	12641.18
63	N78°02'44"W	34.96	6347.39	12634.15
64	N73°05'36"W	34.96	6304.38	12623.66
65	N69°00'34"W	34.94	6262.87	12609.98
66	N62°37'41"W	34.98	6222.11	12592.89
67	N61°47'19"W	34.96	6194.87	12579.26
68	N53°48'23"W	35.00	6132.63	12540.50
69	N53°01'52"W	35.07	6097.27	12512.89
70	N53°02'20"W	34.94	6063.49	12482.94
71	N55°41'21"W	34.92	6024.19	12453.06
72	N61°49'49"W	34.97	5977.43	12424.66
73	N68°35'04"W	34.99	5928.66	12401.86
74	N74°48'14"W	35.00	5877.41	12384.35
75	N81°01'25"W	35.00	5824.56	12372.49
76	N88°02'23"W	35.13	5771.22	12366.56
77	S89°41'03"W	34.84	5726.58	12365.52
78	S89°41'09"W	35.00	5706.57	12365.84
79	S89°41'09"W	35.00	5651.58	12366.41
80	N89°41'08"E	35.00	5599.09	12331.66
81	S89°41'08"W	35.00	5550.59	12367.04
151	S66°41'08"E	40.58	6266.97	12530.24
152A	S78°45'00"E	4.84	6321.88	12587.16
152B	N90°00'00"E	31.31	6321.88	12555.85
153A	S79°54'29"E	5.88	6367.35	12596.35
153B	N89°42'39"E	29.65	6367.20	12566.71
154	N85°41'44"W	34.97	6418.82	12608.74
155	N89°56'19"W	34.64	6457.23	12609.88
156	S84°54'50"W	34.66	6504.38	12607.85



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.

REFERENCE DRAWINGS		SHEET KEY	
No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: S:\20.886.028 (Trails F3)\100 Dwg\104 Plan Sets\Construction Plans\Utility Plans\Sanitary Plan\SS11.dwg			
CTB FILE: Matrix(black).ctb			
PLOT DATE: July 27, 2022 12:04:29 PM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**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 BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/2 CORNER OF SAID SECTION 9 (3 1/4' AULM. CAP PLS 10377)

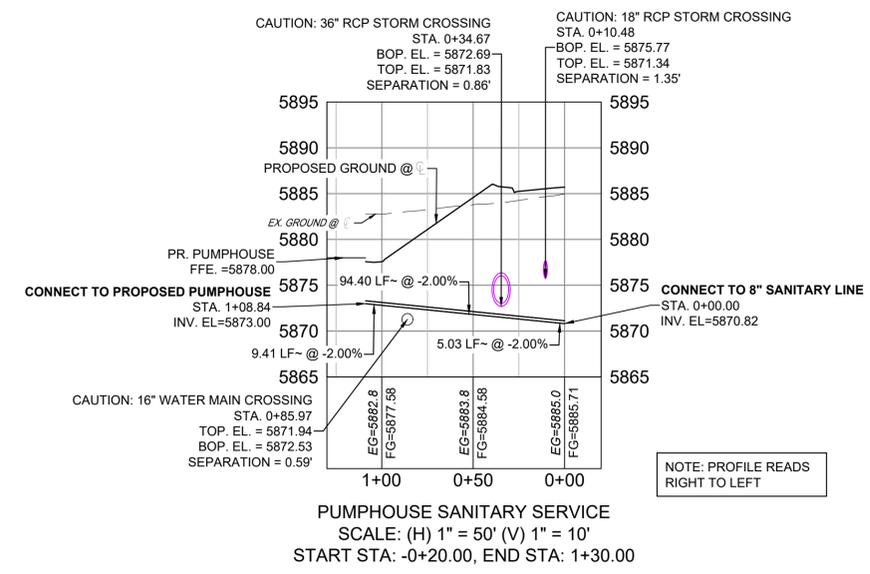
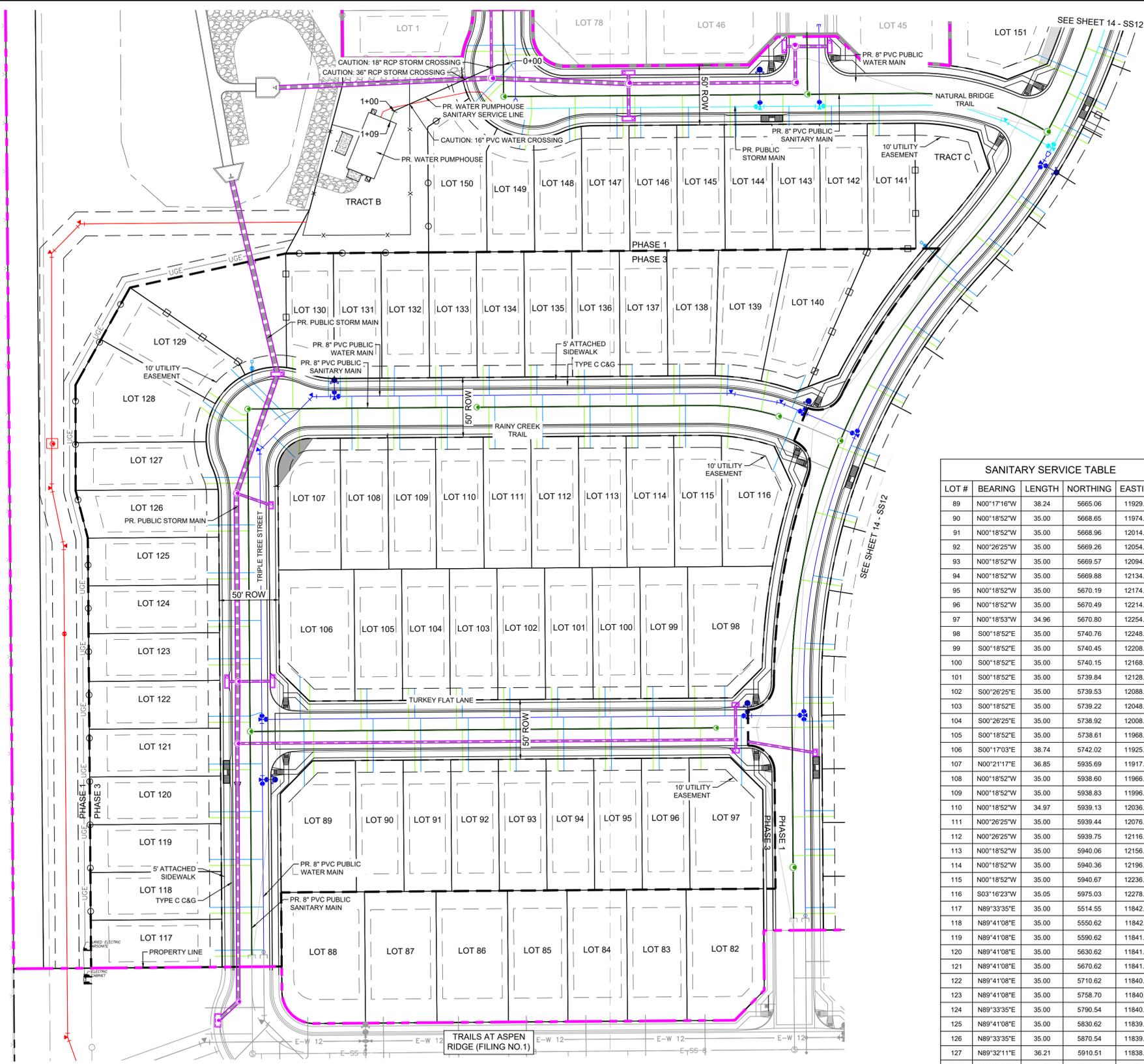
PREPARED BY:

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

TRAILS AT ASPEN RIDGE			
FILING NO. 3			
8" SANITARY SEWER PLANS			
SANITARY SERVICE PLAN			
DESIGNED BY:	BAS	SCALE:	DATE ISSUED:
DRAWN BY:	BAS	HORIZ. 1" = 50'	MARCH 2022
CHECKED BY:	NMS	VERT. N/A	SHEET 14 OF 15
			DRAWING No. SS12



Know what's below.  
Call before you dig.

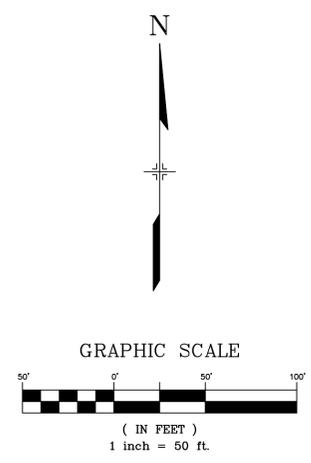


LOT #	BEARING	LENGTH	NORTHING	EASTING
89	N00°17'16"W	38.24	5665.06	11929.32
90	N00°18'52"W	35.00	5668.65	11974.28
91	N00°18'52"W	35.00	5668.96	12014.28
92	N00°26'25"W	35.00	5669.26	12054.36
93	N00°18'52"W	35.00	5669.57	12094.28
94	N00°18'52"W	35.00	5669.88	12134.28
95	N00°18'52"W	35.00	5670.19	12174.28
96	N00°18'52"W	35.00	5670.49	12214.28
97	N00°18'53"W	34.96	5670.80	12254.28
98	S00°18'52"E	35.00	5740.76	12248.89
99	S00°18'52"E	35.00	5740.45	12208.89
100	S00°18'52"E	35.00	5740.15	12168.89
101	S00°18'52"E	35.00	5739.84	12128.90
102	S00°26'25"E	35.00	5739.53	12088.82
103	S00°18'52"E	35.00	5739.22	12048.90
104	S00°26'25"E	35.00	5738.92	12008.82
105	S00°18'52"E	35.00	5738.61	11968.90
106	S00°17'03"E	38.74	5742.02	11925.94
107	N00°21'17"E	36.85	5935.69	11917.15
108	N00°18'52"W	35.00	5938.60	11966.47
109	N00°18'52"W	35.00	5938.83	11996.47
110	N00°18'52"W	34.97	5939.13	12036.53
111	N00°26'25"W	35.00	5939.44	12076.55
112	N00°26'25"W	35.00	5939.75	12116.55
113	N00°18'52"W	35.00	5940.06	12156.47
114	N00°18'52"W	35.00	5940.36	12196.47
115	N00°18'52"W	35.00	5940.67	12236.46
116	S03°16'23"W	35.05	5975.03	12278.40
117	N89°33'35"E	35.00	5514.55	11842.29
118	N89°41'08"E	35.00	5550.62	11842.01
119	N89°41'08"E	35.00	5590.62	11841.70
120	N89°41'08"E	35.00	5630.62	11841.39
121	N89°41'08"E	35.00	5670.62	11841.08
122	N89°41'08"E	35.00	5710.62	11840.78
123	N89°41'08"E	35.00	5750.70	11840.41
124	N89°33'35"E	35.00	5790.54	11840.16
125	N89°41'08"E	35.00	5830.62	11839.85
126	N89°33'35"E	35.00	5870.54	11839.55
127	N89°32'11"E	36.21	5910.51	11838.03
128A	S89°39'54"W	24.76	5963.32	11873.85

LOT #	BEARING	LENGTH	NORTHING	EASTING
128B	S51°59'02"E	8.38	5968.34	11842.48
129A	N89°42'35"W	4.20	5967.88	11873.80
129B	S55°57'35"E	24.58	5981.66	11849.24
130	S00°20'13"E	43.44	6016.95	11911.46
131	S00°18'52"E	35.00	6008.52	11956.53
132	S00°18'53"E	34.98	6008.77	11991.53
133	S00°26'25"E	34.96	6009.06	12031.45
134	S00°18'54"E	34.95	6009.35	12071.52
135	S00°18'54"E	34.93	6009.64	12111.52
136	S00°18'55"E	34.91	6009.93	12151.52
137	S00°18'56"E	34.89	6010.22	12191.52
138	S00°18'56"E	34.88	6010.51	12231.52
139	S02°09'19"W	35.00	6010.55	12271.95
140	S10°21'16"W	35.04	6005.25	12311.09
141	N00°18'50"W	35.06	6201.86	12398.92
142	N00°18'48"W	35.14	6201.48	12358.93
143	S00°26'25"E	35.20	6236.35	12323.18
144	N00°18'43"W	35.29	6200.72	12278.93
145	N00°26'25"W	35.36	6200.34	12239.01
146	S00°18'38"E	35.43	6235.39	12198.74
147	N00°18'52"W	35.45	6199.86	12188.93
148	N00°18'57"W	36.51	6198.30	12148.94
149A	S00°34'55"E	15.48	6234.71	12111.97
149B	N10°25'10"E	19.91	6199.64	12108.53
150A	N89°33'35"E	2.00	6244.97	12086.56
150B	N44°30'45"E	40.06	6216.40	12058.47

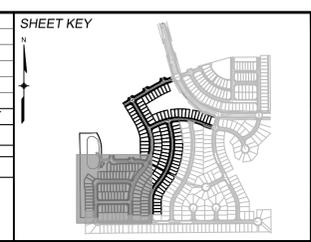
LINE #	BEARING	LENGTH	NORTHING	EASTING
207	S89°33'35"W	5.01	6261.06	12088.44
208	S66°02'09"W	94.40	6261.02	12083.43
209	S22°03'35"W	9.41	6222.68	11997.17

NOTE: LINES 207-209 ARE SANITARY LINES TO BE BUILT AS PART OF THE PROPOSED PUMPHOUSE



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PLOT DATE: July 27, 2022 12:04:52 PM			
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**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**  
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PREPARED BY:

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 20.886.028

**TRAILS AT ASPEN RIDGE**

FILING NO. 3  
8" SANITARY SEWER PLANS

**SANITARY SERVICE PLAN**

DESIGNED BY: BAS  
DRAWN BY: BAS  
CHECKED BY: NMS

SCALE: HORIZ 1" = 50'  
VERT: N/A

DATE ISSUED: MARCH 2022  
SHEET: 15 OF 15

DRAWING No. **SS13**