

THE ESTATES AT ROLLING HILLS RANCH FILING 2

UNPLATTED


FALCON REGIONAL PARK

ROLLING HILLS RANCH FILING 3

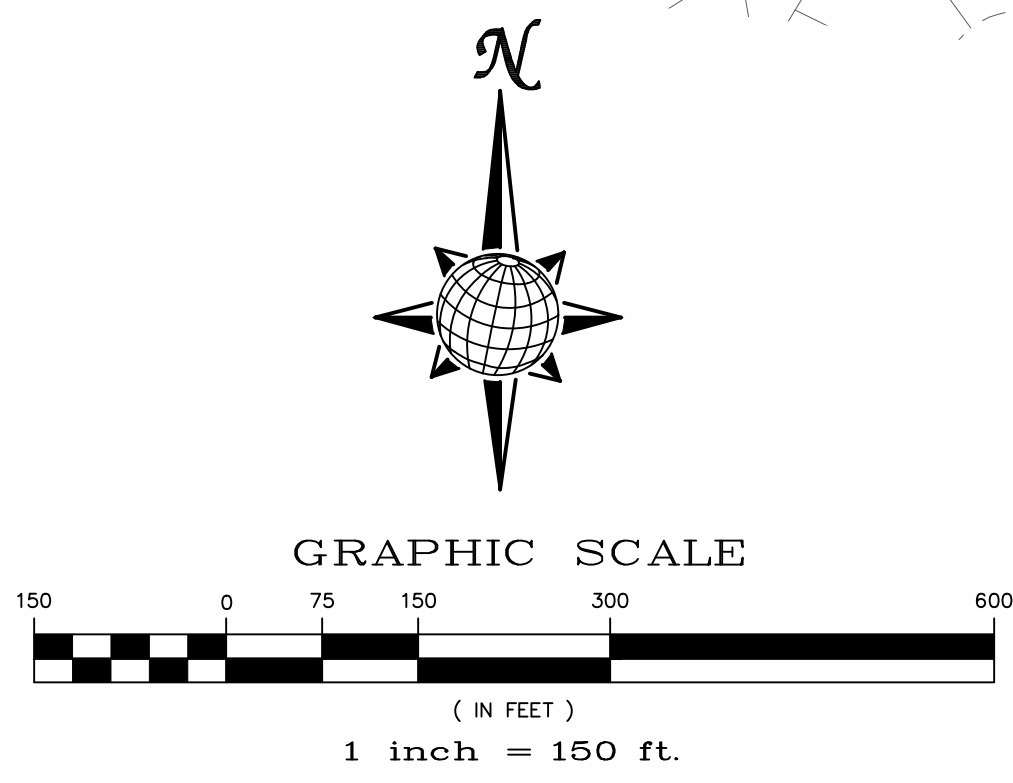
THE SANCTUARY FILING 1 AT MERIDIAN RANCH

ROLLING HILLS RANCH FILING 2

FALCON REGIONAL PARK

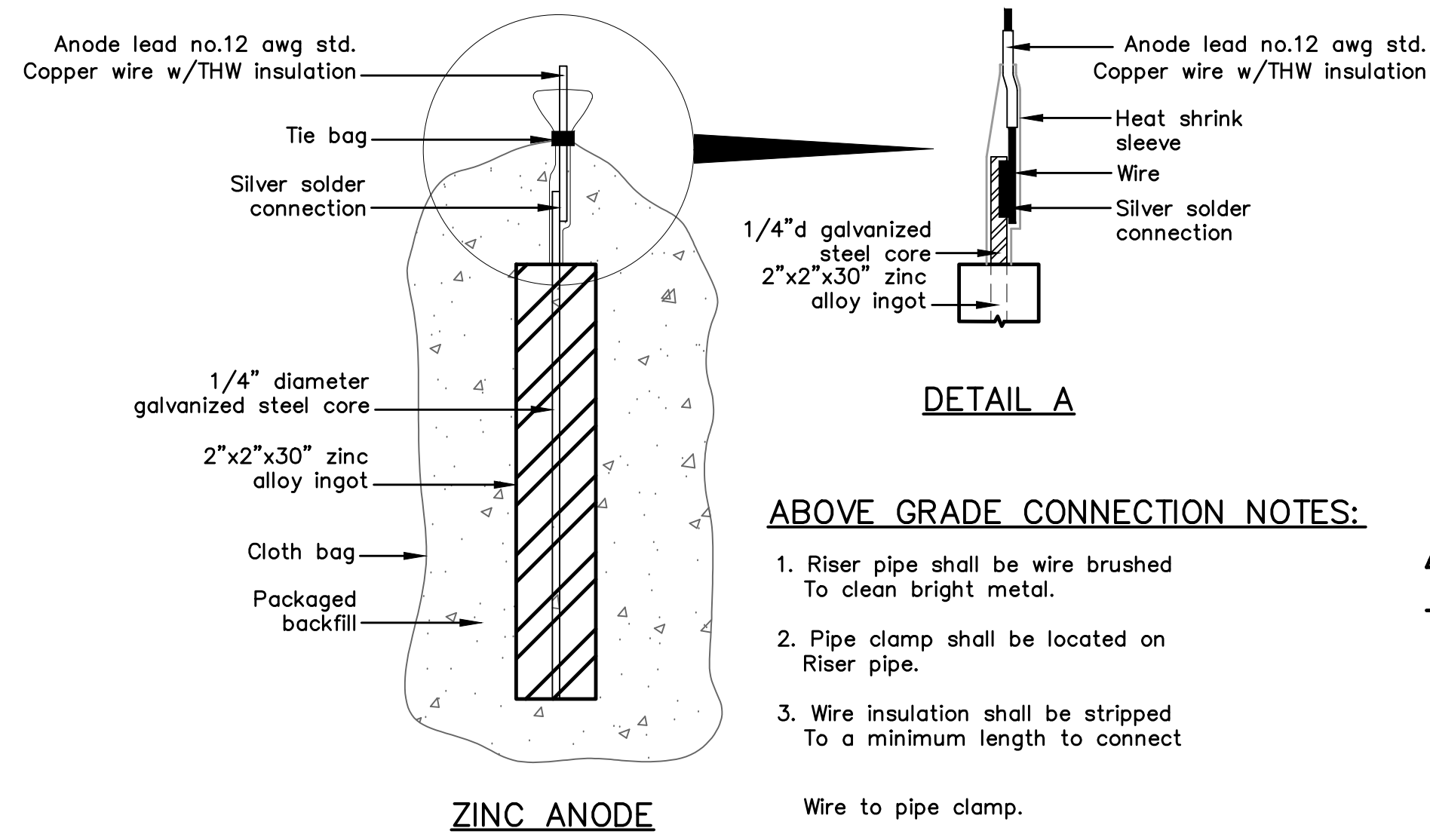


TWO WORKING DAYS
**BEFORE YOU DIG
CALL 811**
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)



Plans to be stamped prior to approval.
Will be stamped prior to approval.

Scale AS SHOWN	Drawn by LOG	Checked by TAK	Date NOVEMBER 2023	ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS INDEX SHEET				TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444				
				2	of	37	No.	1	2	3	4	
				MERIDIAN RANCH				Revisions				
				Date	Invt.	Appr.	Date	Invt.	Appr.	Date	Invt.	Appr.



ZINC ANODE AND CONNECTORS FOR 1" AND 2" WATER SERVICE

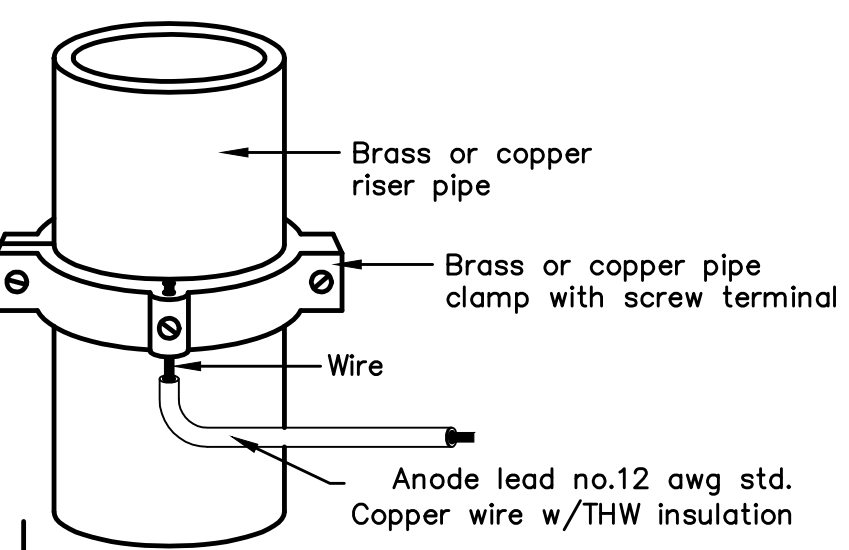
ABOVE GRADE CONNECTION NOTES:

1. Riser pipe shall be wire brushed To clean bright metal.
2. Pipe clamp shall be located on Riser pipe.
3. Wire insulation shall be stripped To a minimum length to connect

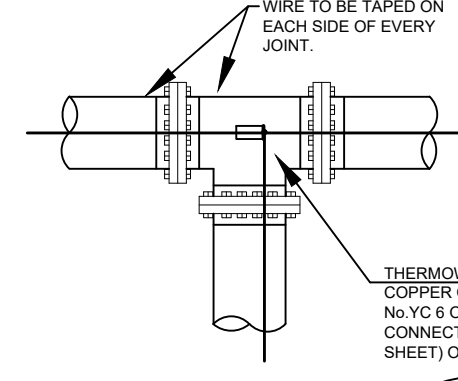
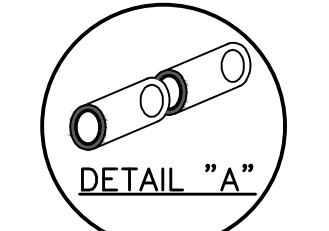
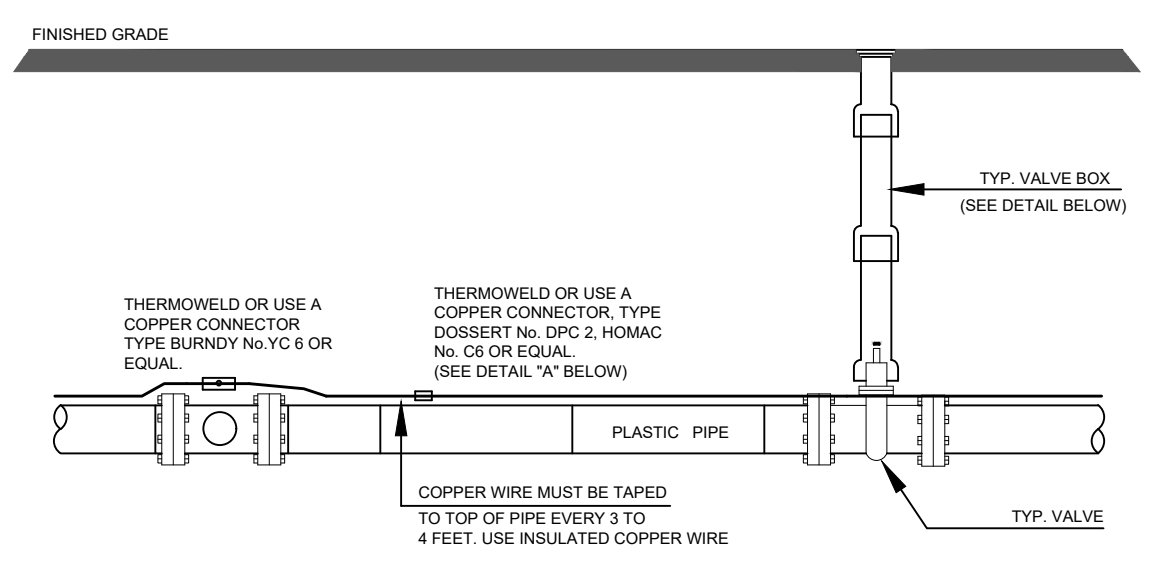
PACKAGED BACKFILL COMPOSITION:

75% gypsum
20% bentonite
5% sodium sulfate

Ingot weight: 30 lbs.
Pkgd. Weight: 70 lbs. Approx.



ANODE LEAD ABOVE GRADE CONNECTION



NOTE

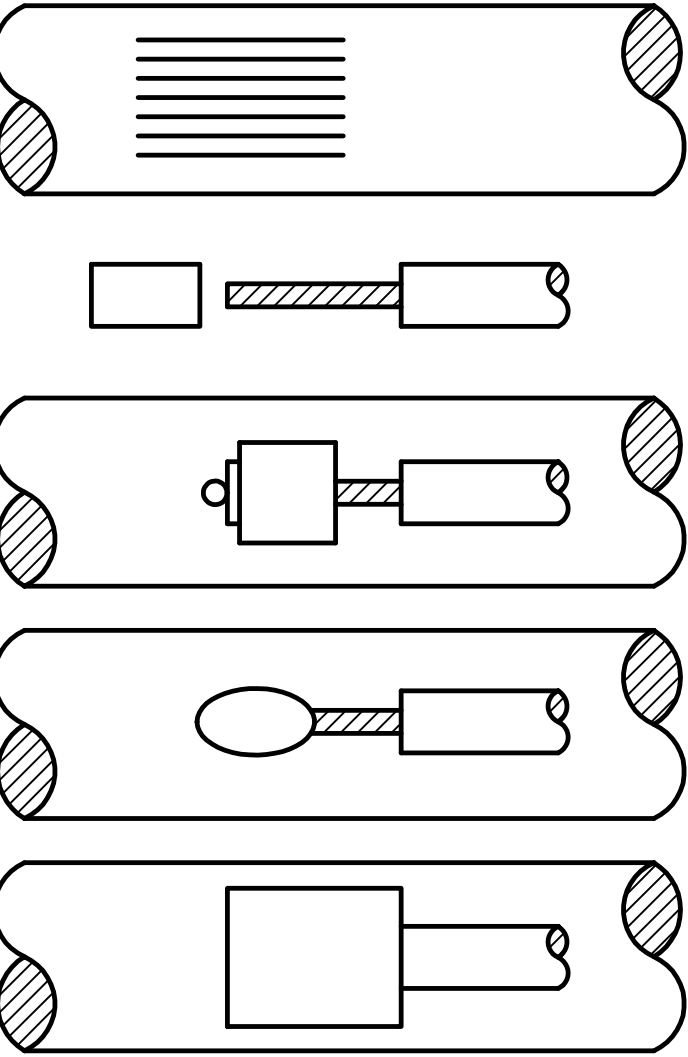
1. Contractor is responsible for continuity of all tracer wire.
2. Tracer wire is required on all pipes per MSMD specifications (PVC and HDPE).

FIELD INSTALLATION OF POLYETHYLENE WRAP FOR DIP PIPE AND FITTINGS.

STEP 1:
PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO TRENCH.

STEP 2:
PULL TUBE OVER THE LENGTH OF THE PIPE. TAPE TUBE TO END AT JOINT. FOLD MATERIAL AROUND THE ADJACENT SPIGOT END AND WRAP WITH TAPE TO HOLD THE PLASTIC TUBE IN PLACE. INSTALL BONDING STRAP OR WIRE AT EVERY JOINT OF PIPE PRIOR TO WRAPPING.

STEP 3:
OVERLAP FIRST TUBE WITH ADJACENT TUBE AND SECURE WITH PLASTIC ADHESIVE TAPE. THE POLYETHYLENE TUBE MATERIAL COVERING THE PIPE SHALL BE LOOSE. EXCESS MATERIAL SHALL BE NEATLY DRAWN UP AROUND THE PIPE BARREL, FOLDED ON TOP OF PIPE AND TAPED IN PLACE.

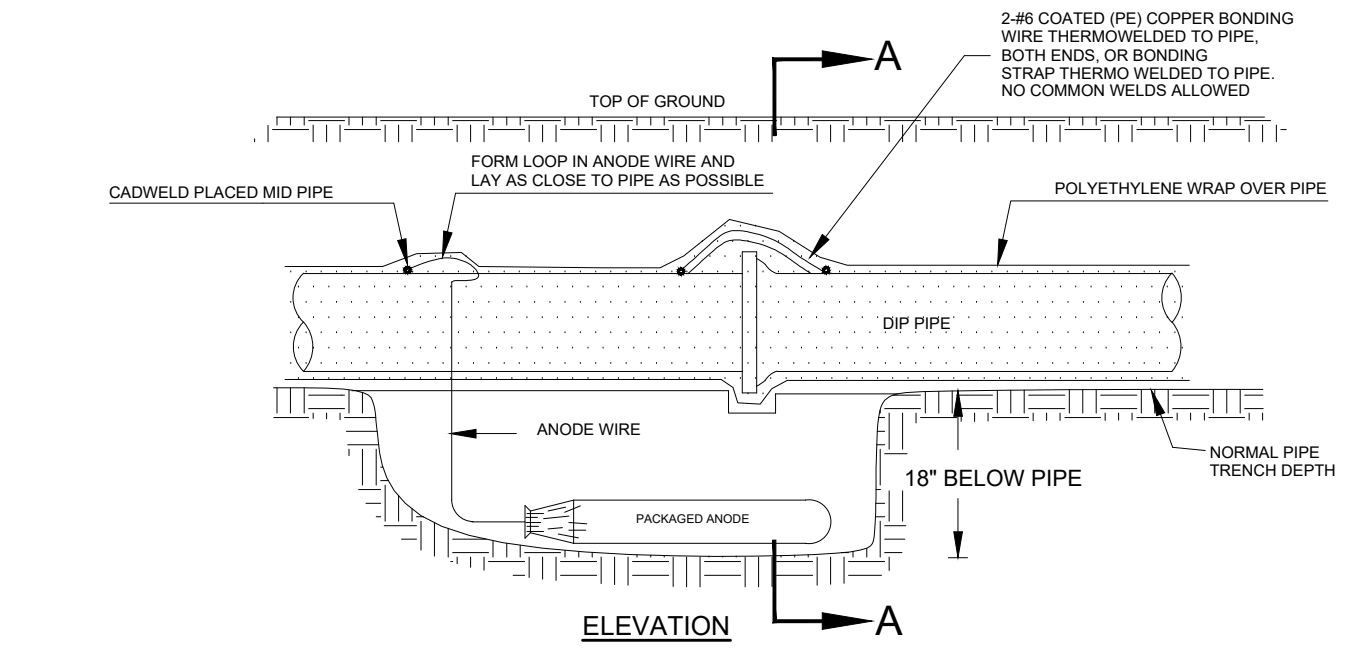


- STEP 1.** File structure connection area (3 in x 3 in) to bare shiny metal and clean.
- STEP 2.** Strip insulation from wire. Attach sleeve where required by manufacturer.
- STEP 3.** Hold mold firmly with opening away from operator and ignite with flint gun.
- STEP 4.** Remove slag from connection and peen weld for soundness.
- STEP 5.** Cover connection and exposed structure surface with a bituminous coating compound. Place plastic shield cap firmly over connection.

NOTES:

1. All wire welds shall be minimum 3 inches apart.
2. Standard weld cartridges shall be used for steel surfaces.

EXOTHERMIC WELD PROCESS



Anode Design

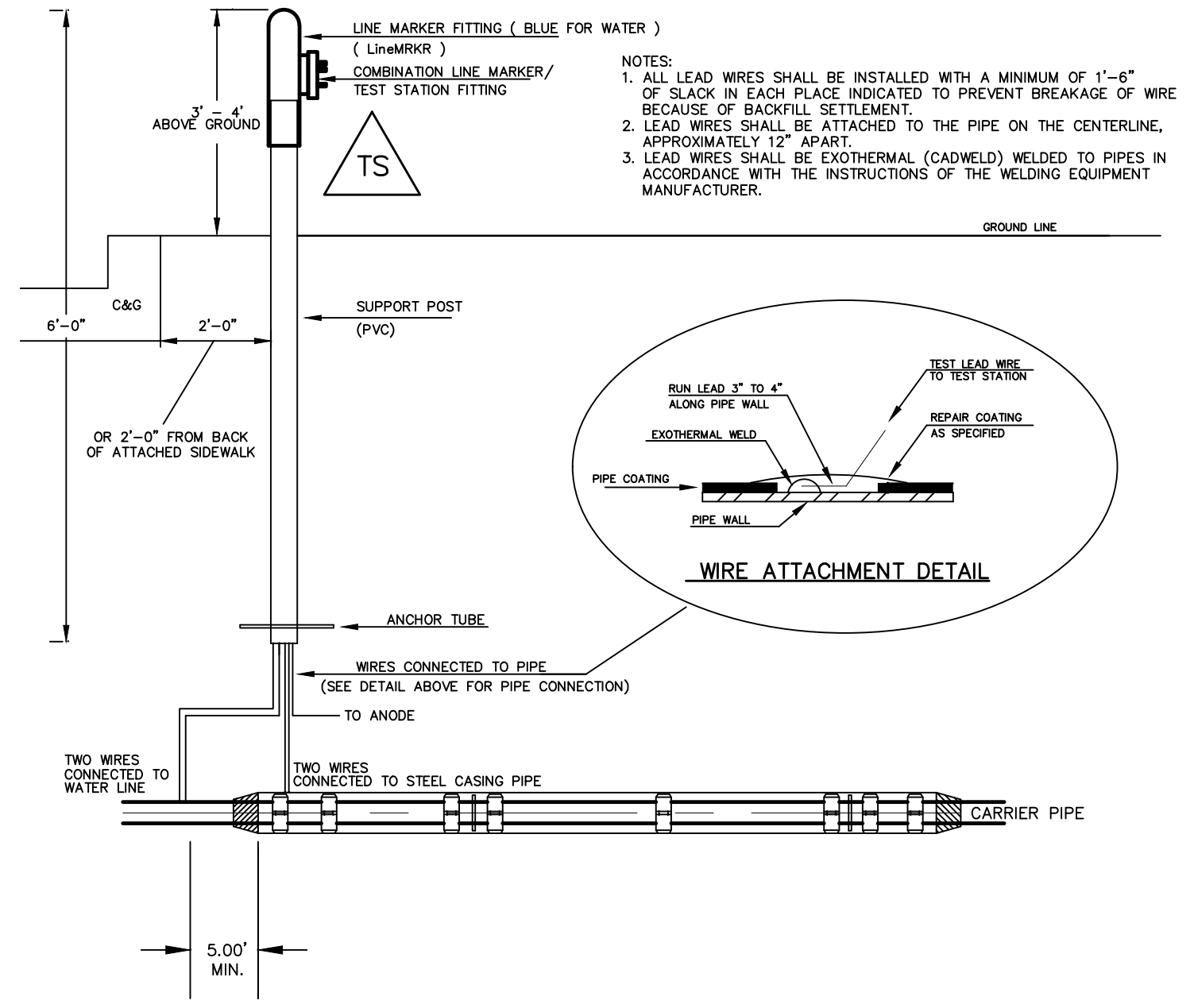
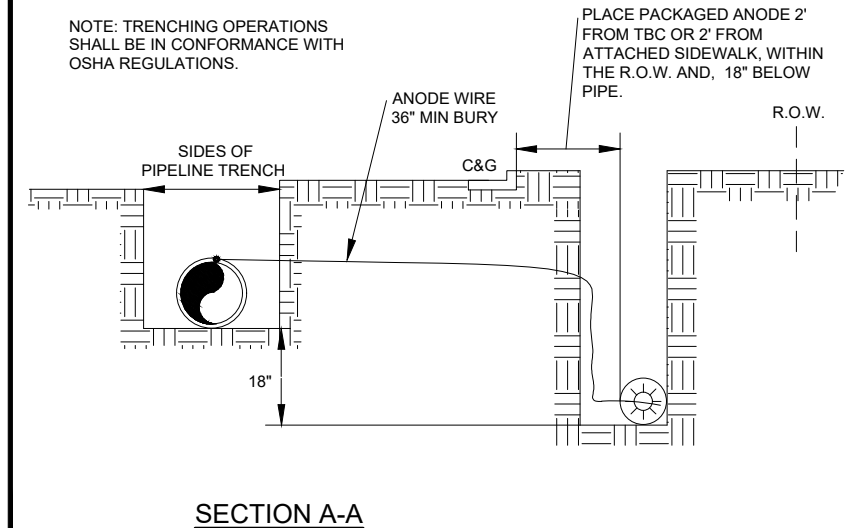
For use with DIP in conjunction with poly-wrap sleeves and piping in 1000 ohm-cm soil estimating a 5% holiday area.

Pipe Size Inches	Actual OD Inches	Anode Spacing Feet	Anode (see note 2)
4	4.8	763	17 lb
6	6.9	531	17 lb
8	9.05	405	17 lb
12	13.20	277	17 lb
16	16	210	32 lb
20	20	169	32 lb
24	24	142	48 lb
30	30	114	48 lb
36	36	95.7	48 lb
42	42	82.4	48 lb
48	48	72.1	48 lb
54	54	64.2	48 lb

The distance from the point of the beginning to the first anode shall not exceed one half the recommended spacing.

NOTES

1. Cadweld connection to be primed and coated carefully. Packed anode should be covered with fine soil containing no rocks or dirt clumps, tamped.
2. When anodes are required with metal fittings and appurtenances together with PVC pipe installations, the anodes shall be placed and attached to the metal fittings in same manner as shown on this drawing. 9 lb anodes can be used on metal fittings when using PVC pipe.
3. Packaged anode to be wetted and covered with soil prior to backfilling.

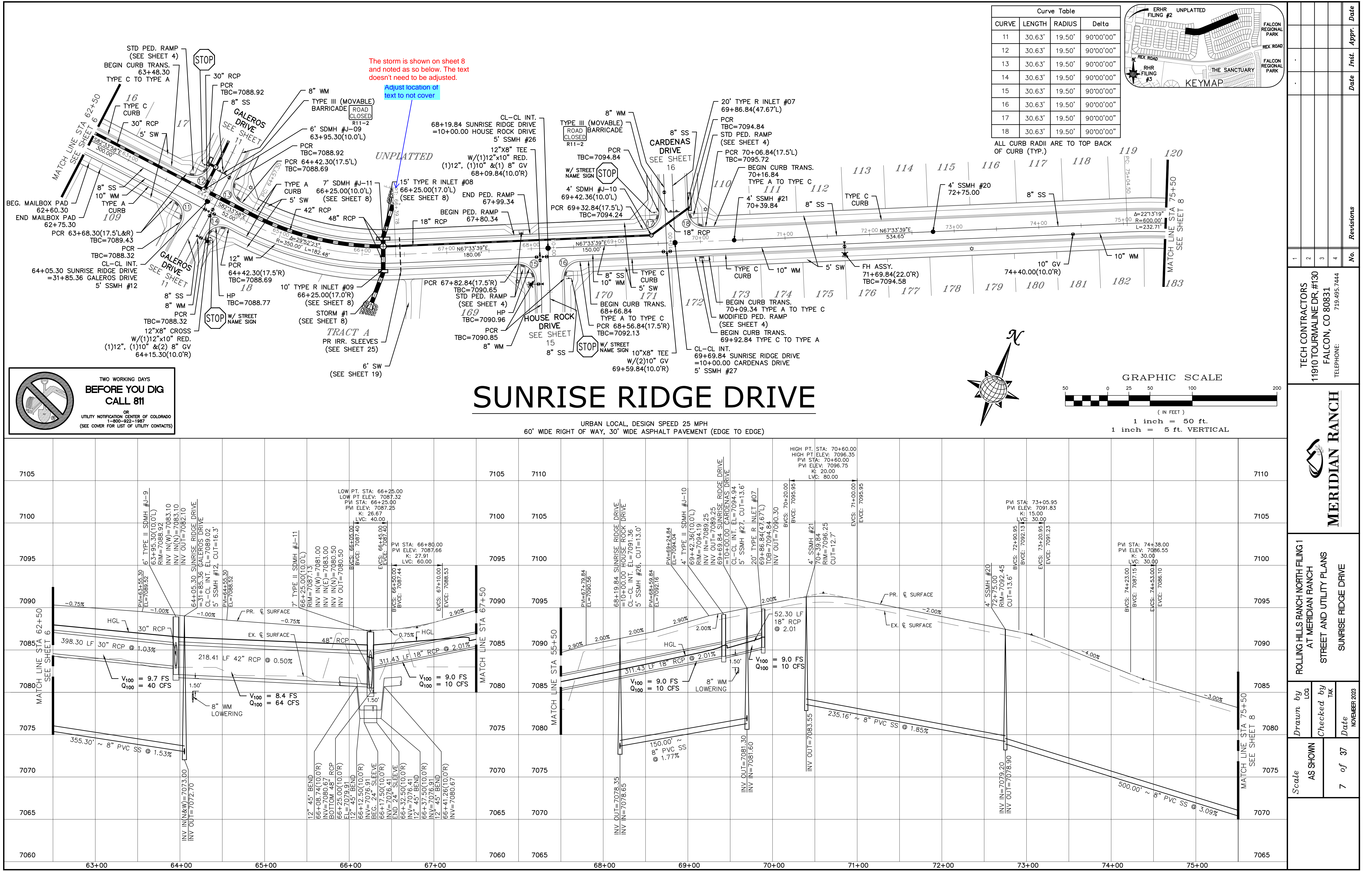


TYPICAL DETAIL FOR TEST STATION WITH STEEL SLEEVE INSTALLATION

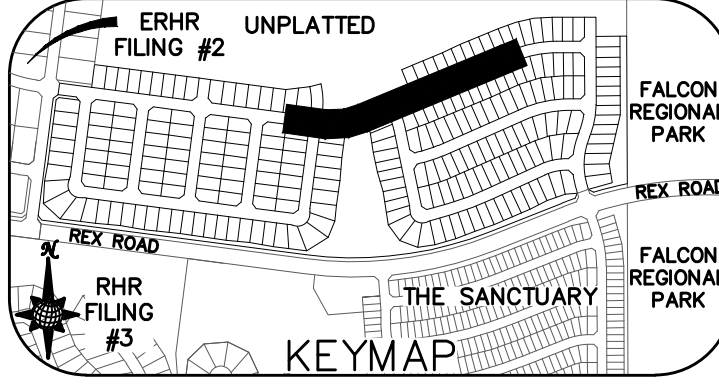
NOTES:

- 1.) Lowerings to be cathodically protected under the direction of the MSMD Inspector, per standards. (For anode size see detail above.)
- 2.) Example can vary due to site conditions and MSMD Inspector's direction's.
- 3.) Reference Colorado Springs Utilities Standard Detail Drawing No. A 8-6 - Steel Sleeve Installation.

1	2	3	4	No.	Revisions	Date	Appr.
<p>TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444</p>							
<p>MERIDIAN RANCH</p>							
<p>ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS DETAIL SHEET</p>							
Scale	AS SHOWN	Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023
	5 of 37						



Curve Table			
CURVE	LENGTH	RADIUS	Delta
11	30.63'	19.50'	90°00'00"
12	30.63'	19.50'	90°00'00"
13	30.63'	19.50'	90°00'00"
14	30.63'	19.50'	90°00'00"
15	30.63'	19.50'	90°00'00"
16	30.63'	19.50'	90°00'00"
17	30.63'	19.50'	90°00'00"
18	30.63'	19.50'	90°00'00"

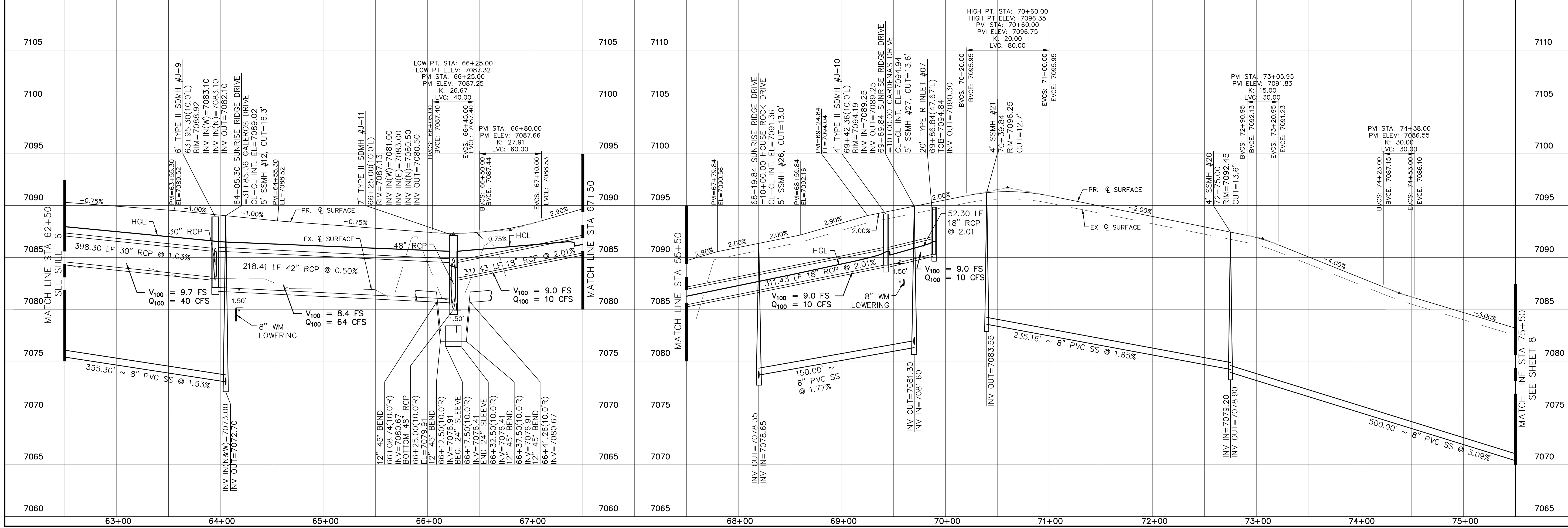
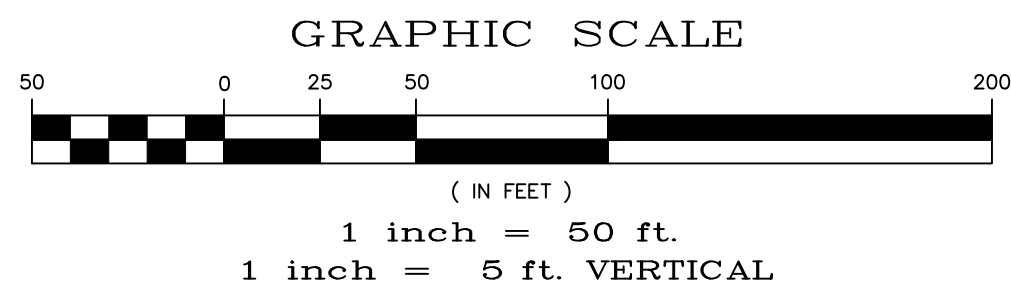
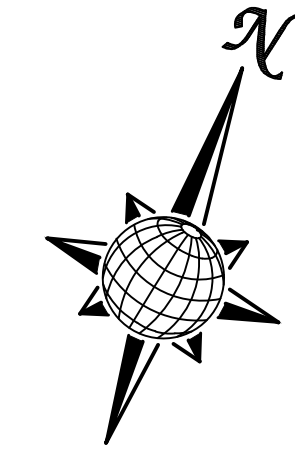


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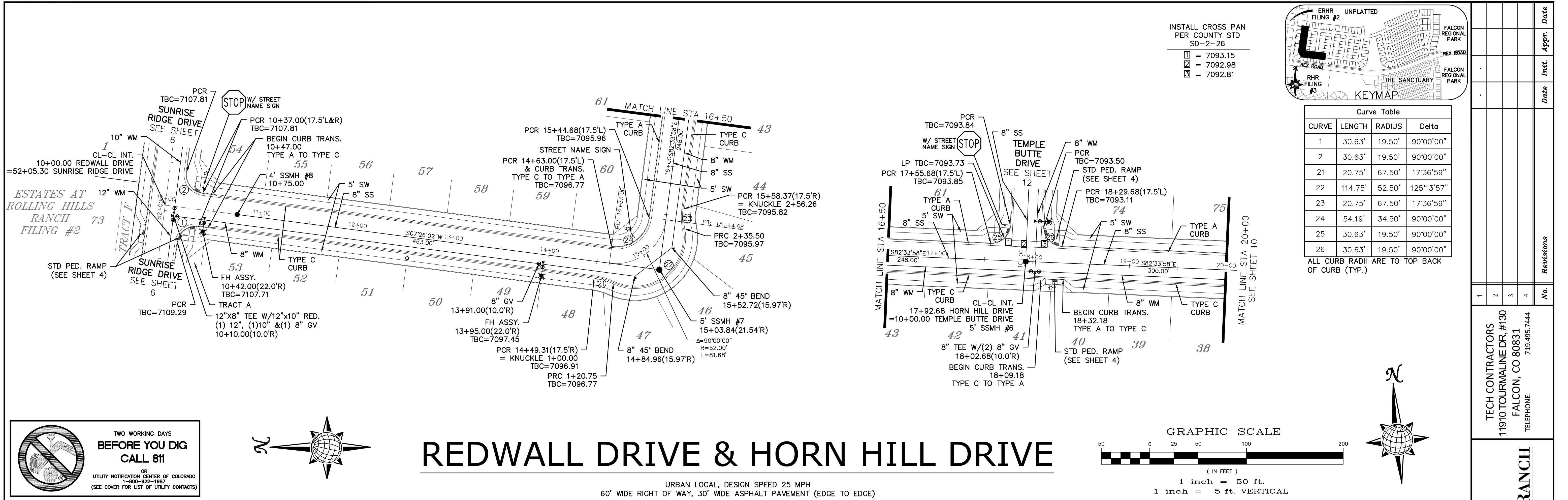
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

SUNRISE RIDGE DRIVE

URBAN LOCAL, DESIGN SPEED 25 MPH
60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



1	2	3	4
No.	Revisions	Date	Appr.
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444			
MERIDIAN RANCH			
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS SUNRISE RIDGE DRIVE			
Scale	AS SHOWN	7 of 37	
Drawn by	LOG	Checked by	TAK
Date	NOVEMBER 2023		

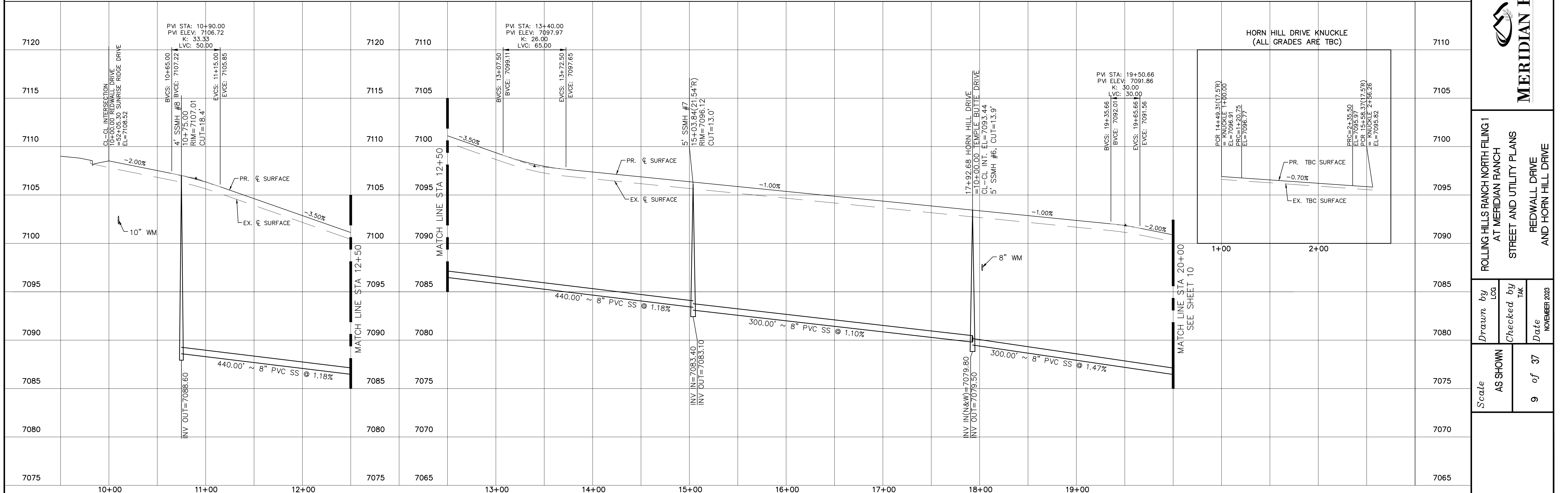


TWO WORKING DAYS BEFORE YOU DIG CALL 811

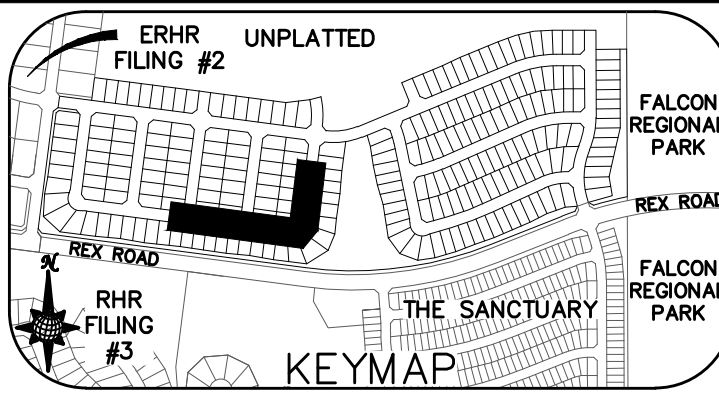
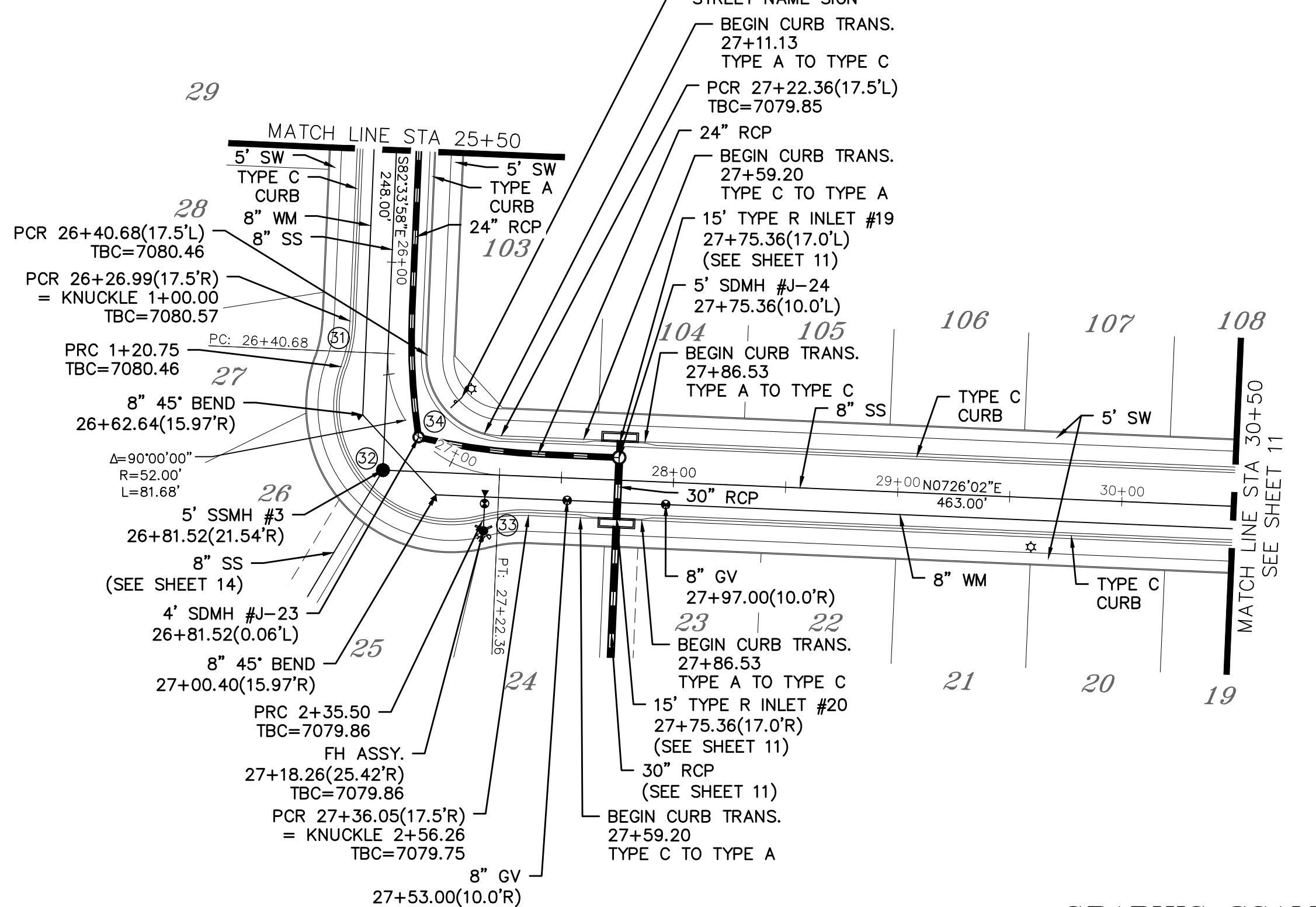
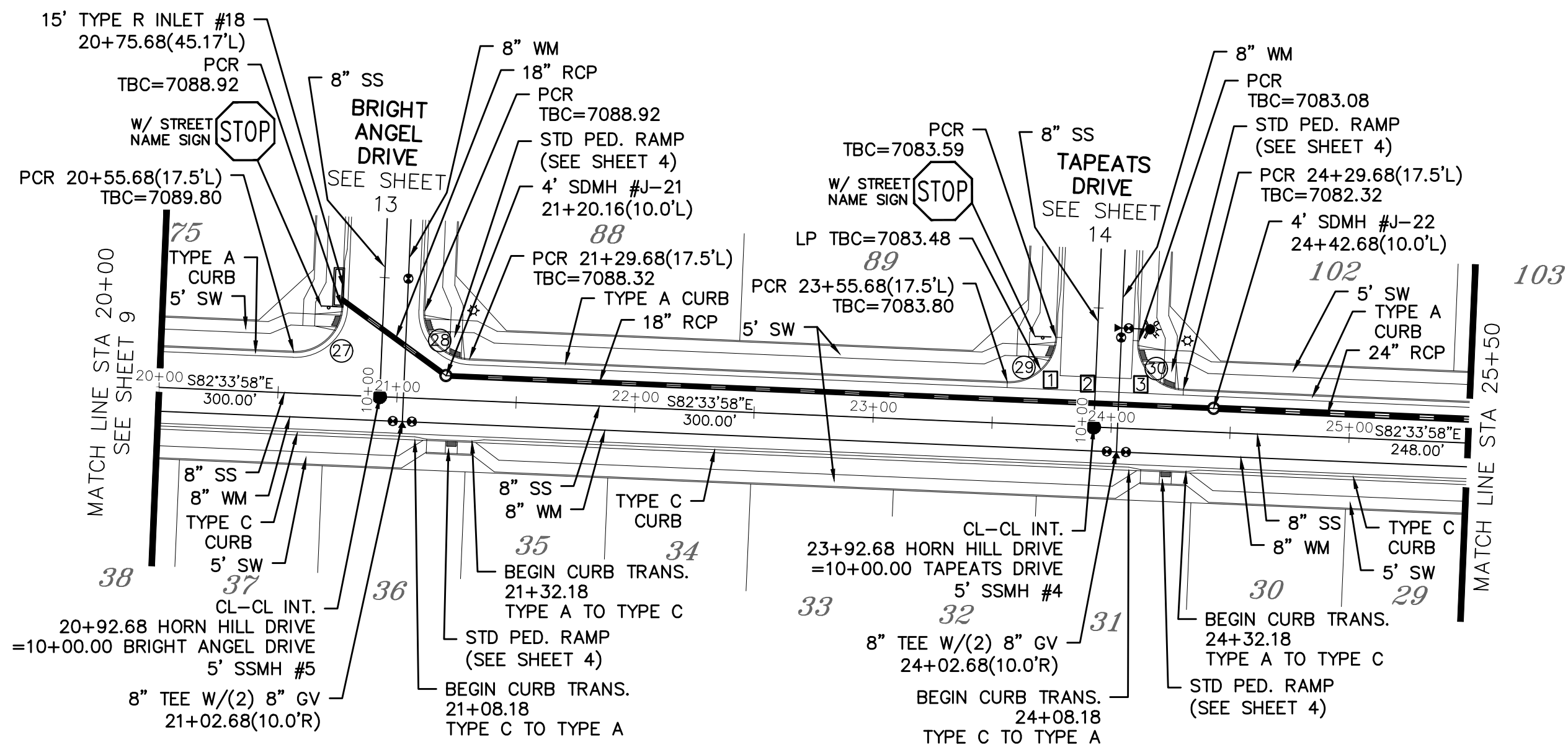
OR
 UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-922-1987
 (SEE COVER FOR LIST OF UTILITY CONTACTS)

REDWALL DRIVE & HORN HILL DRIVE

URBAN LOCAL, DESIGN SPEED 25 MPH
 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



Date	Appr.	Date	Invt.
No.	Revisions		
1	TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444		
2	 MERIDIAN RANCH		
3			
4	ROLLING HILLS RANCH NORTH FILING #1 AT MERIDIAN RANCH STREET AND UTILITY PLANS REDWALL DRIVE AND HORN HILL DRIVE		
Scale	AS SHOWN	9 of 37	
Drawn by	LOG	Checked by	TAK
		Date	NOVEMBER 2023



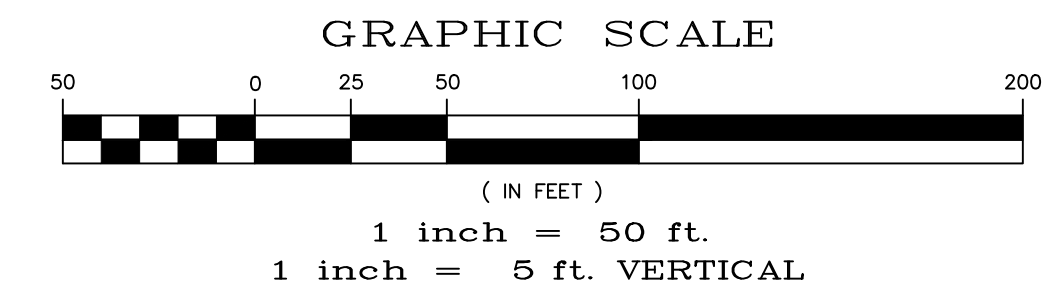
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27	30.63'	19.50'	90°00'00"
28	30.63'	19.50'	90°00'00"
29	30.63'	19.50'	90°00'00"
30	30.63'	19.50'	90°00'00"
31	20.75'	67.50'	17°36'59"
32	114.75'	52.50'	125°13'57"
33	20.75'	67.50'	17°36'59"
34	54.19'	34.50'	90°00'00"

ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)

- INSTALL CROSS PAN PER COUNTY STD SD-2-26
- = 7082.90
 - = 7082.56
 - = 7082.22

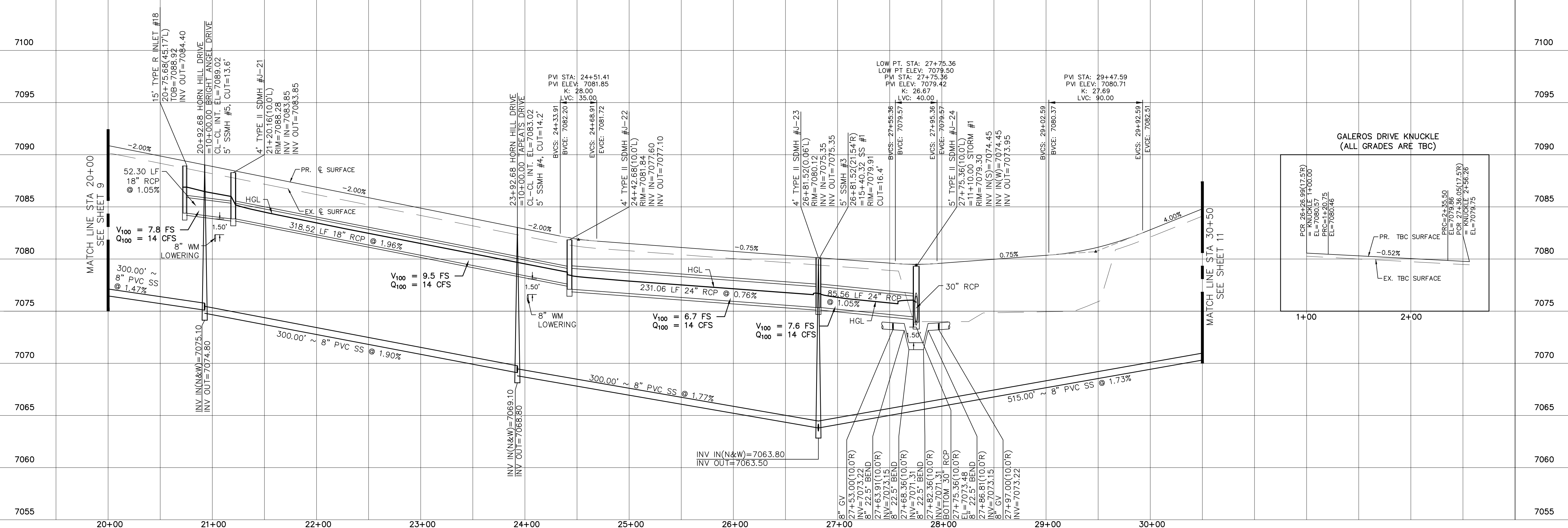
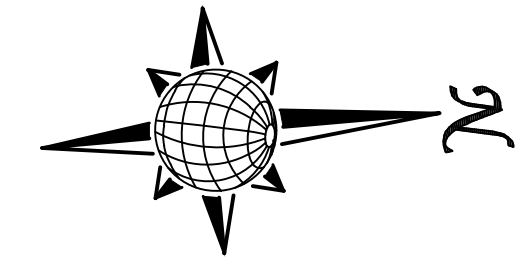
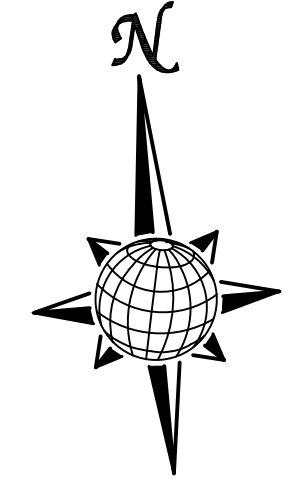
HORN HILL DRIVE & GALEROS DRIVE

URBAN LOCAL, DESIGN SPEED 25 MPH
60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)

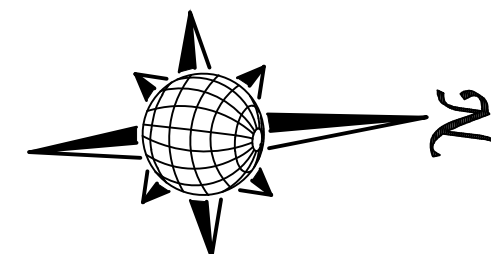


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OR
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1-800-922-1987
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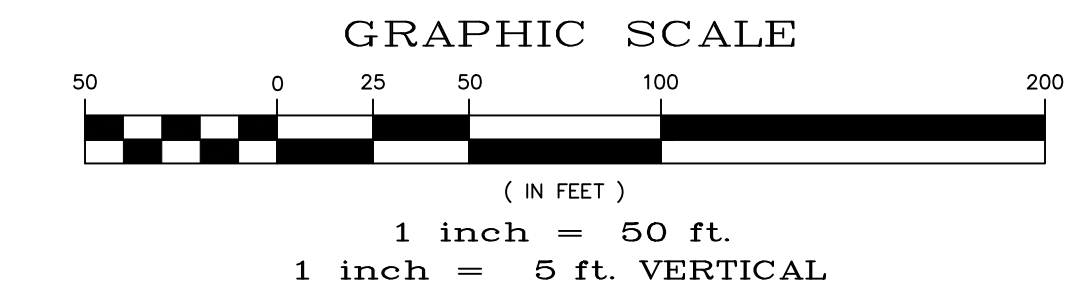


TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444		MERIDIAN RANCH	
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS		HORN HILL DRIVE AND GALEROS DRIVE	
Scale AS SHOWN	Drawn by LOG	Checked by TAK	Date NOVEMBER 2023
10 of 37			

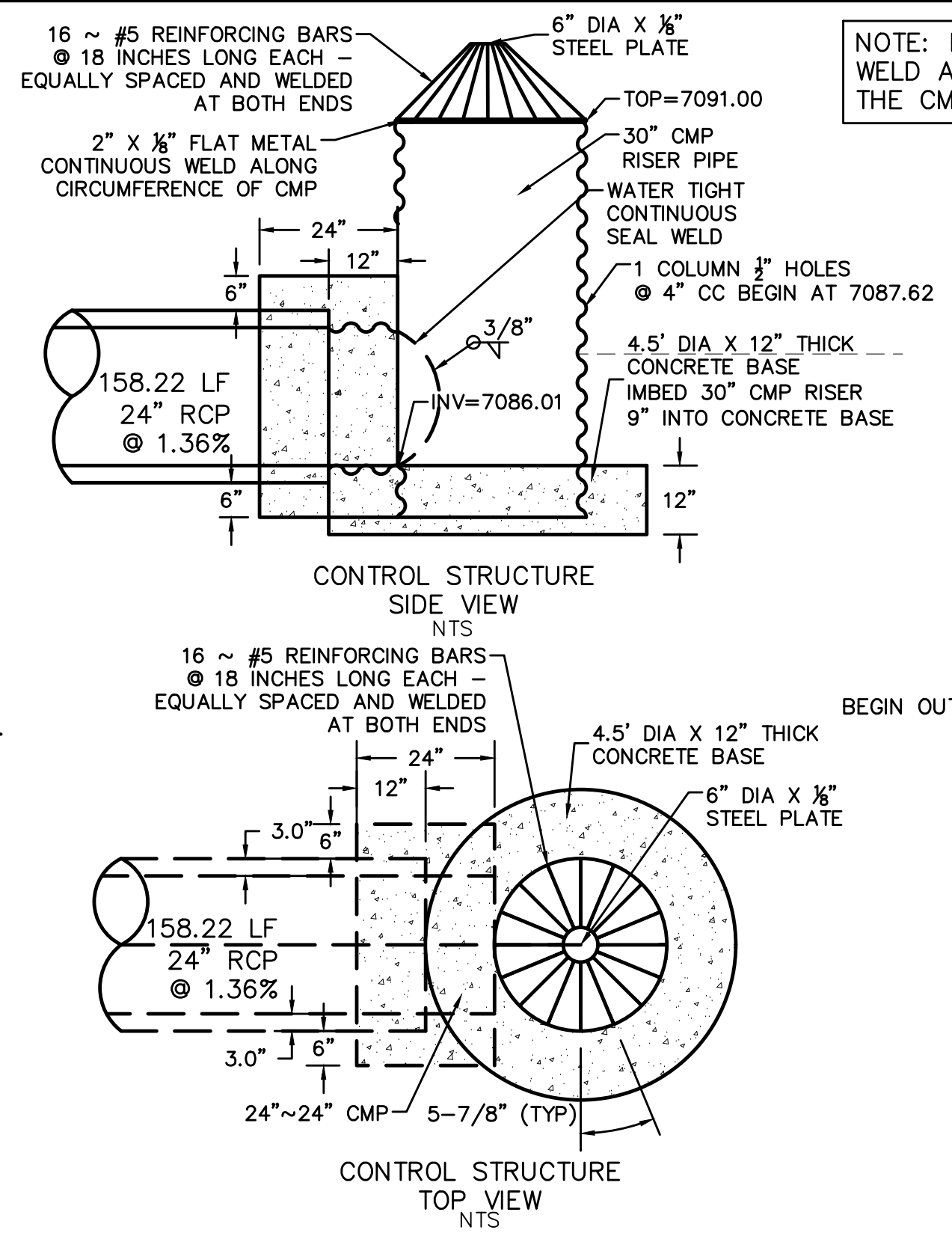
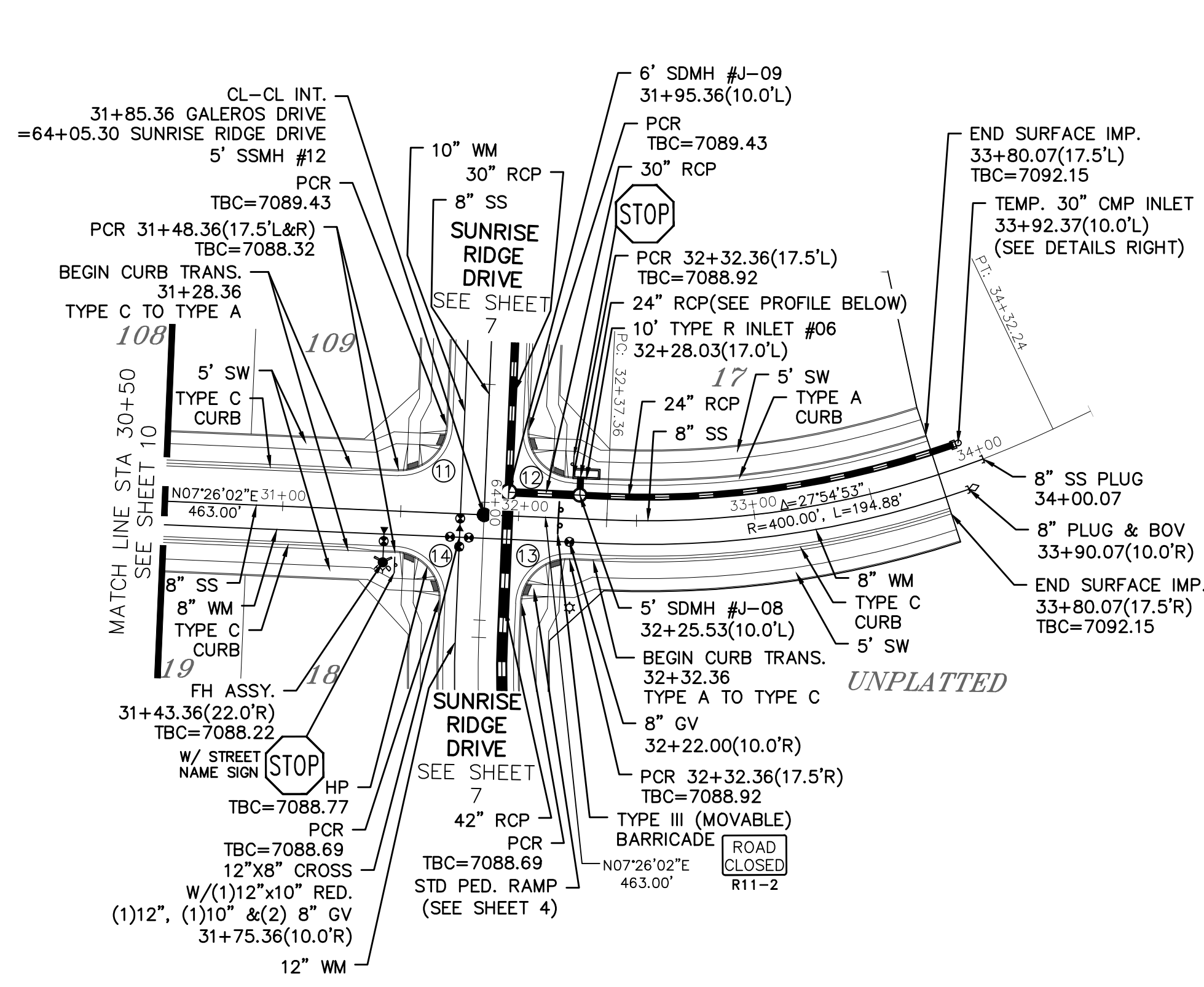
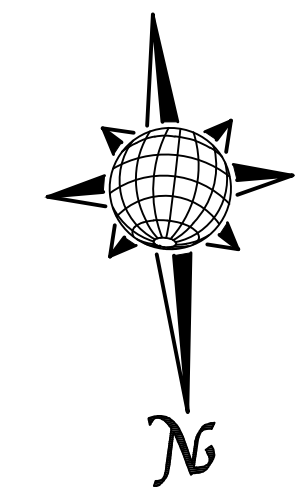


GALEROS DRIVE

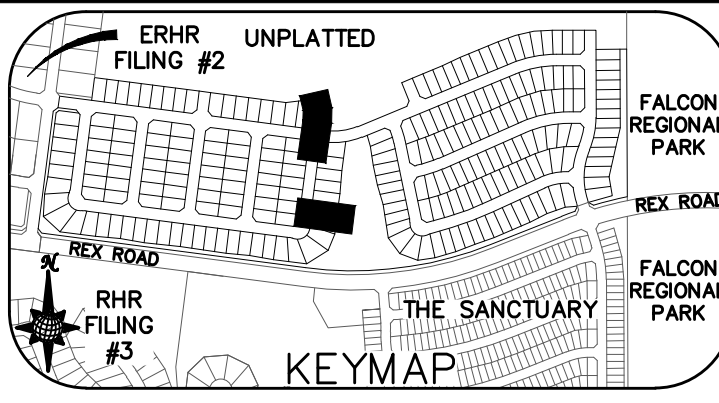
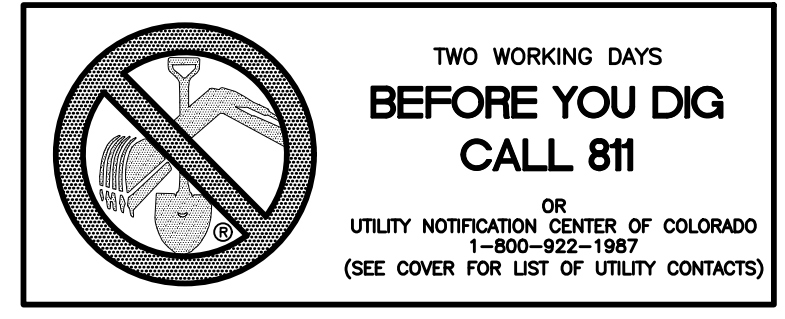
URBAN LOCAL, DESIGN SPEED 25 MPH
60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



STORM #2

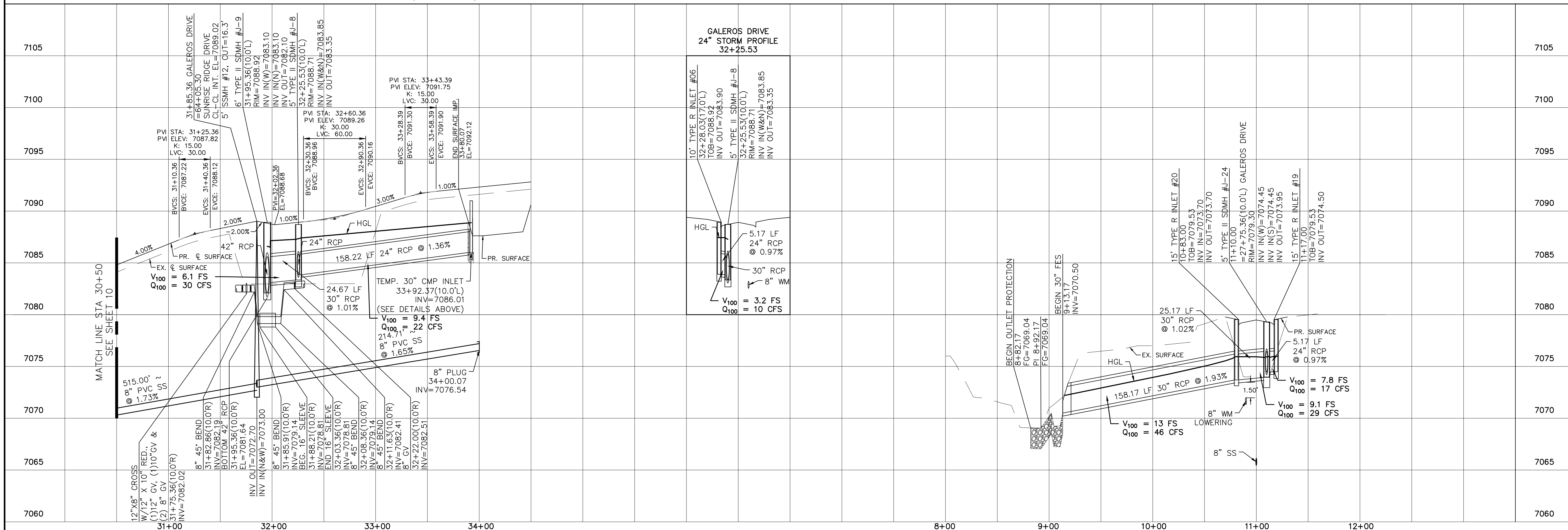
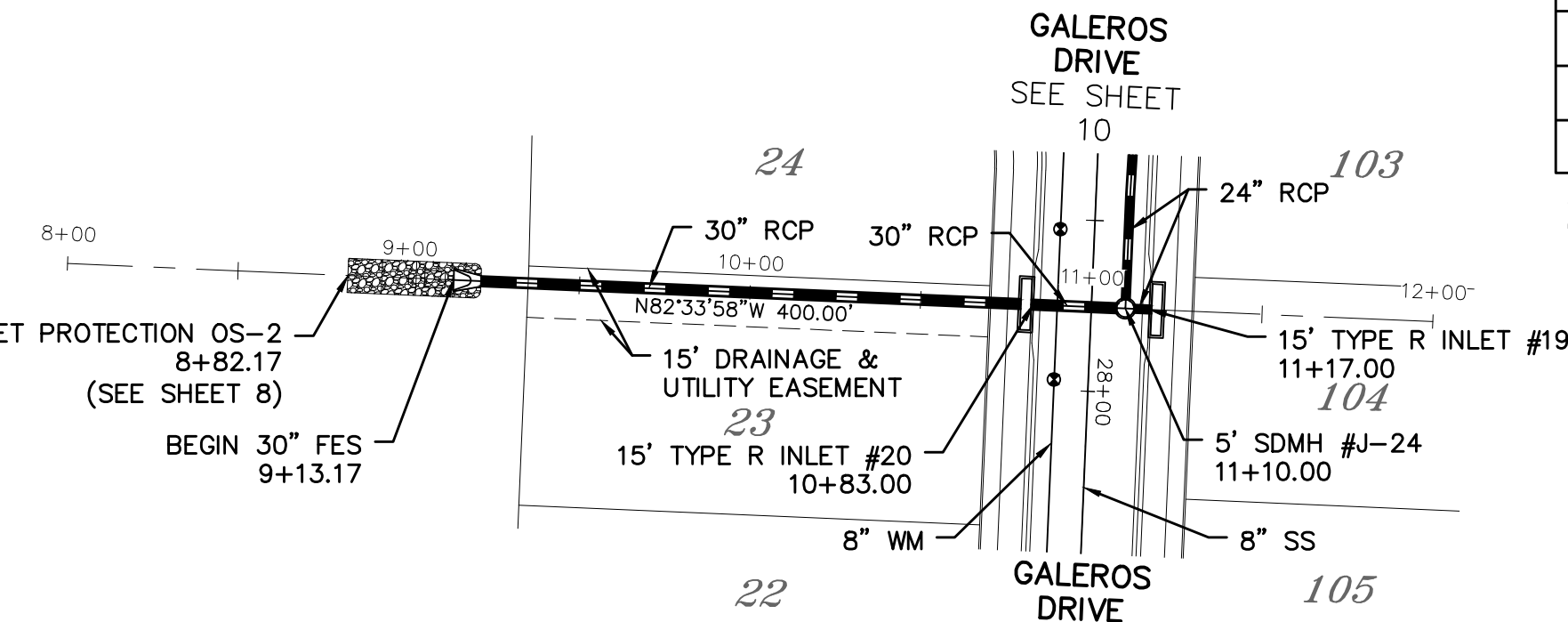


NOTE: PAINT OR COAT ALL WELD AND CUT AREAS OF THE CMP PIPES.



CURVE	LENGTH	RADIUS	Delta
11	30.63'	19.50'	90°00'00"
12	30.63'	19.50'	90°00'00"
13	30.63'	19.50'	90°00'00"
14	30.63'	19.50'	90°00'00"

ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)



No.	Revisions	Date	Appr.
1			
2			
3			
4			

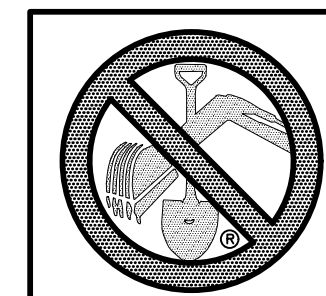
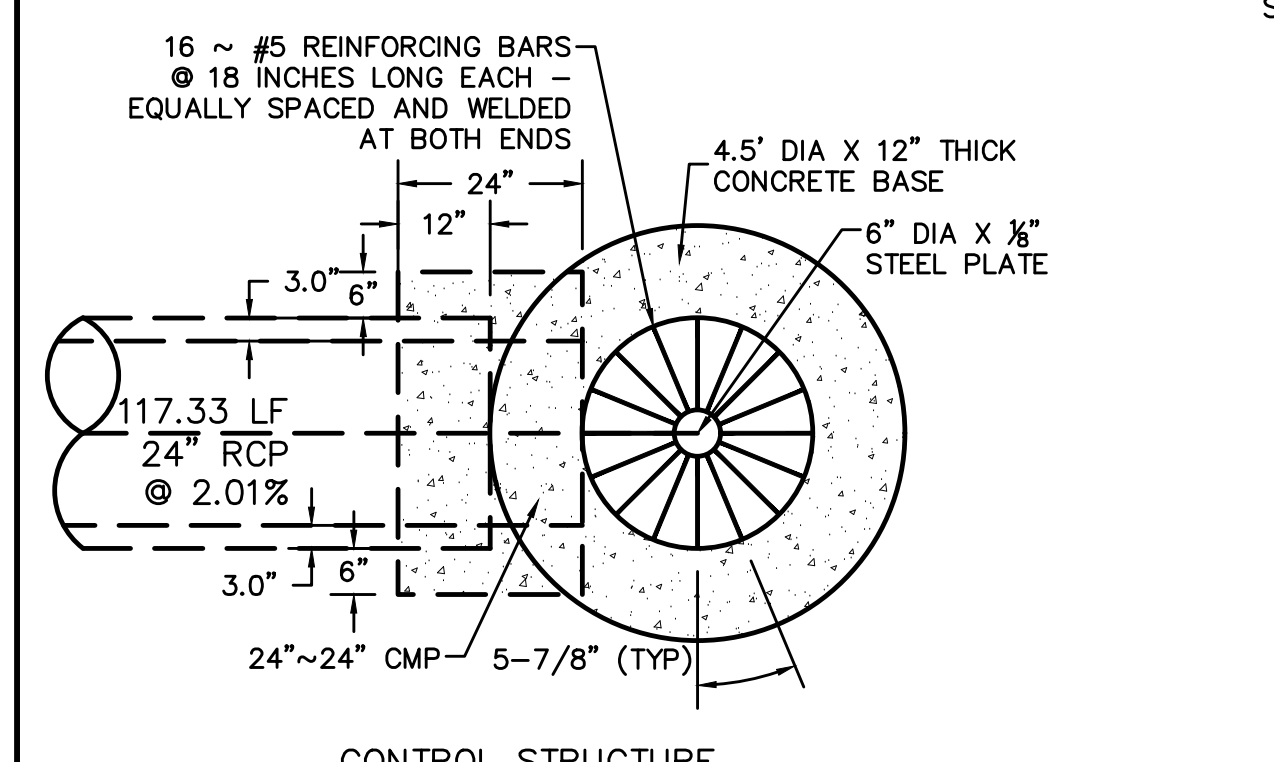
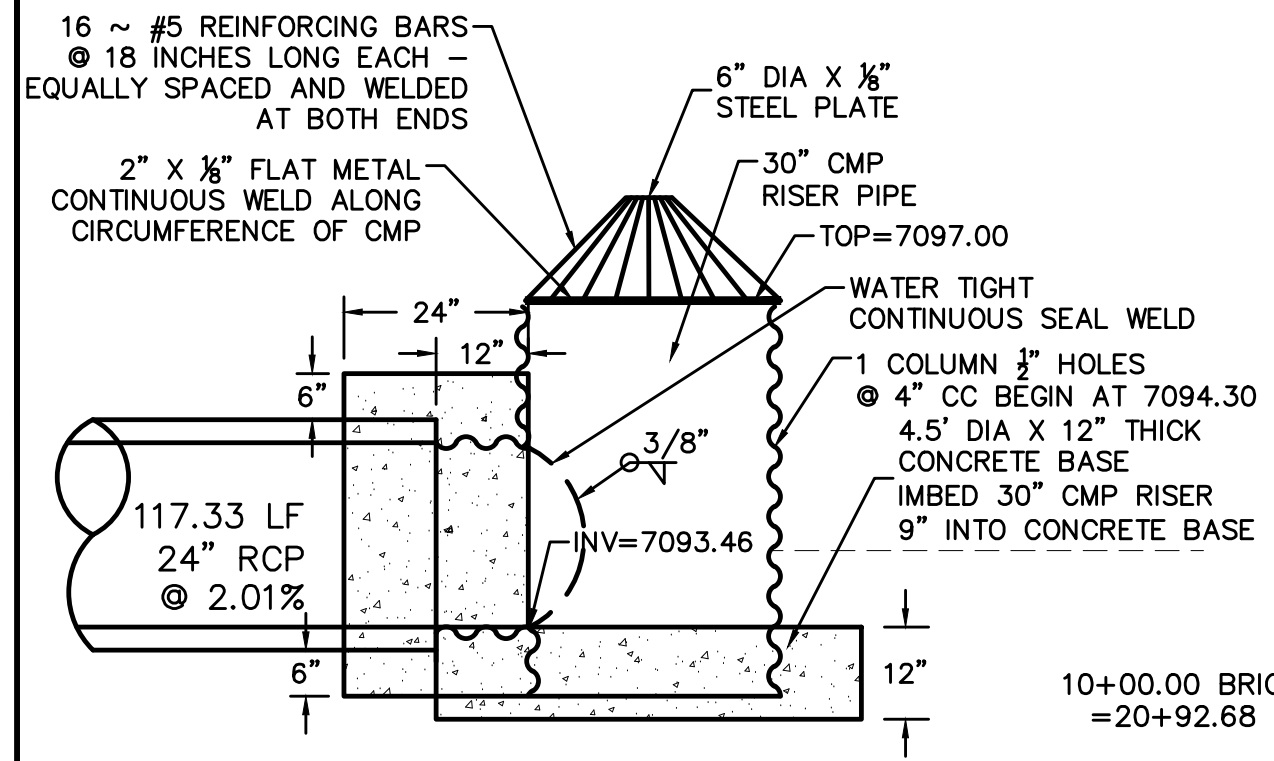
TECH CONTRACTORS
11910 TOURMALINE DR, #130
FALCON, CO 80831
TELEPHONE: 719.495.7444

MERIDIAN RANCH

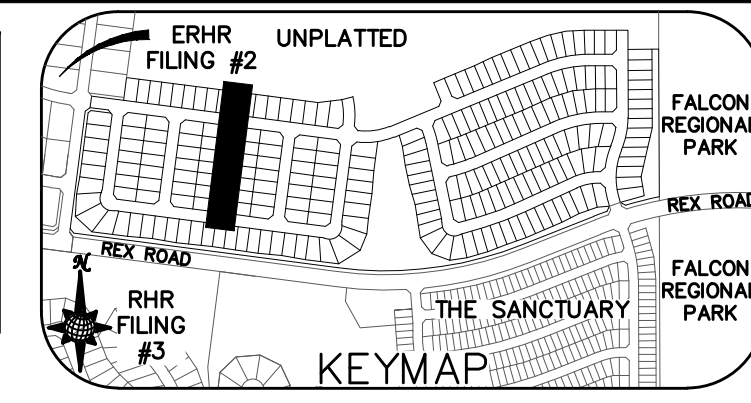
ROLLING HILLS RANCH NORTH FILING 1
AT MERIDIAN RANCH
STREET AND UTILITY PLANS
GALERIOS DRIVE
AND STORM #2

Drawn by: AS SHOWN
Checked by: LOG
Date: NOVEMBER 2023
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NOTE: PAINT OR COAT ALL WELD AND CUT AREAS OF THE CMP PIPES.

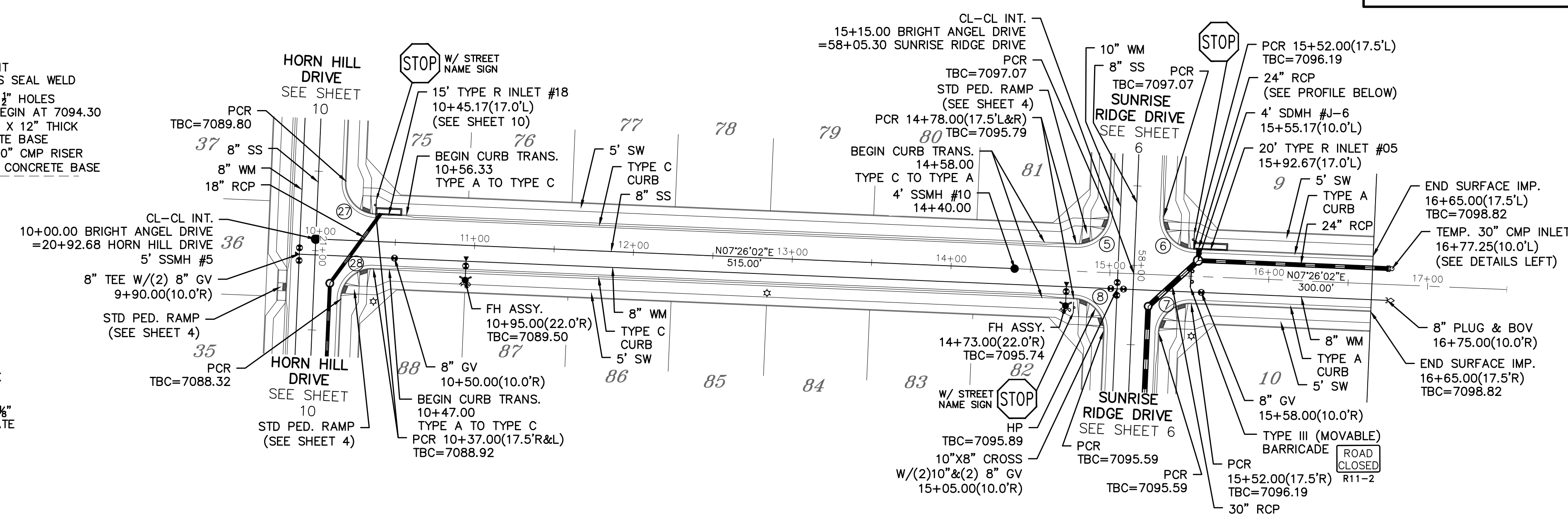


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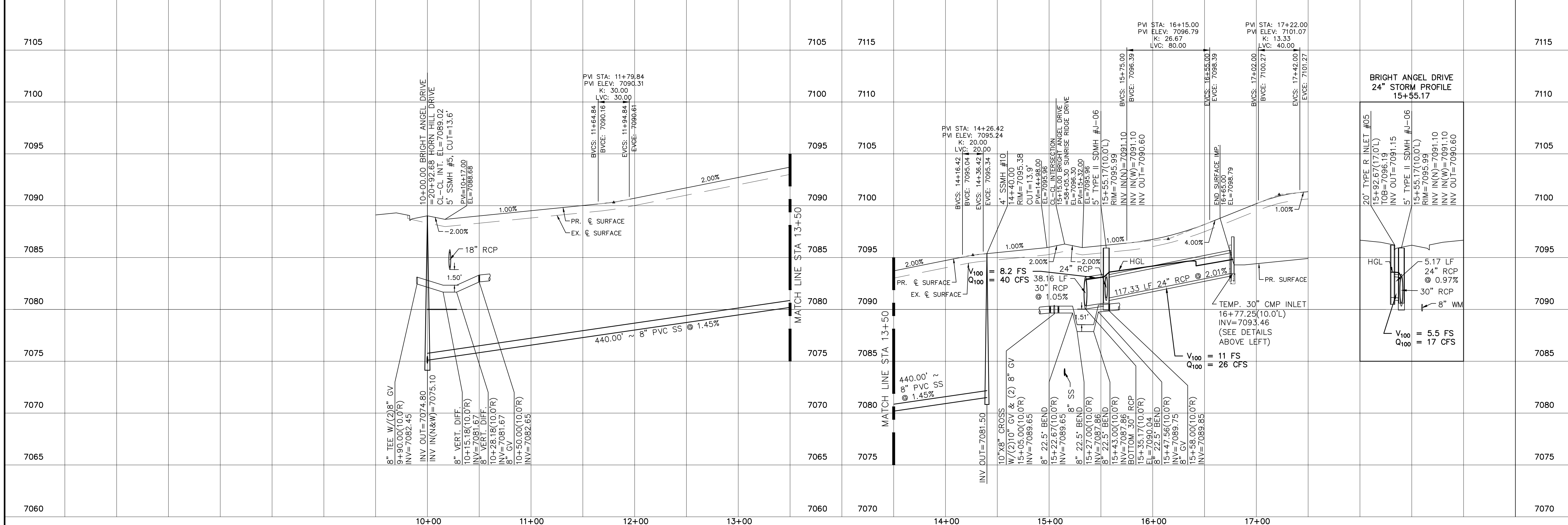
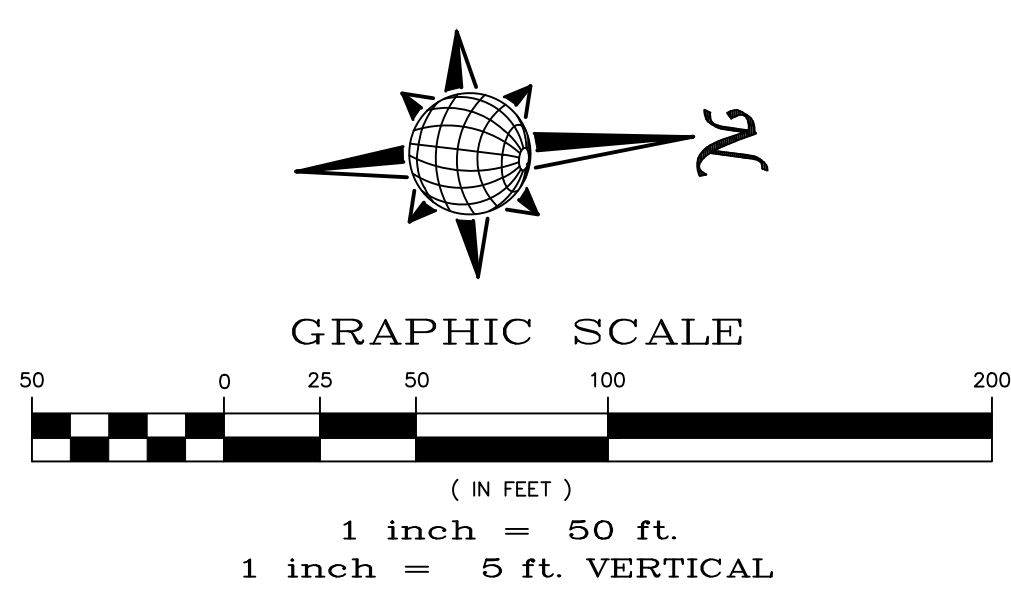
CURVE	LENGTH	RADIUS	Delta
5	30.63'	19.50'	90°00'00"
6	30.63'	19.50'	90°00'00"
7	30.63'	19.50'	90°00'00"
8	30.63'	19.50'	90°00'00"
27	30.63'	19.50'	90°00'00"
28	30.63'	19.50'	90°00'00"

ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)

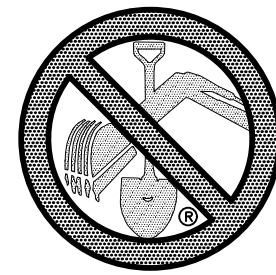


BRIGHT ANGEL DRIVE

URBAN LOCAL, DESIGN SPEED 25 MPH
60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



1	2	3	4
No.	Revisions	Date	Appr.
TECH CONTRACTORS 11910 TOURMALINE DR, #130 FALCON, CO 80831 TELEPHONE: 719.495.7444			
MERIDIAN RANCH			
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS BRIGHT ANGEL DRIVE			
Scale	Drawn by	Checked by	Date
AS SHOWN	LOG	TAK	NOVEMBER 2023
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TWO WORKING DAYS
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CALL 811

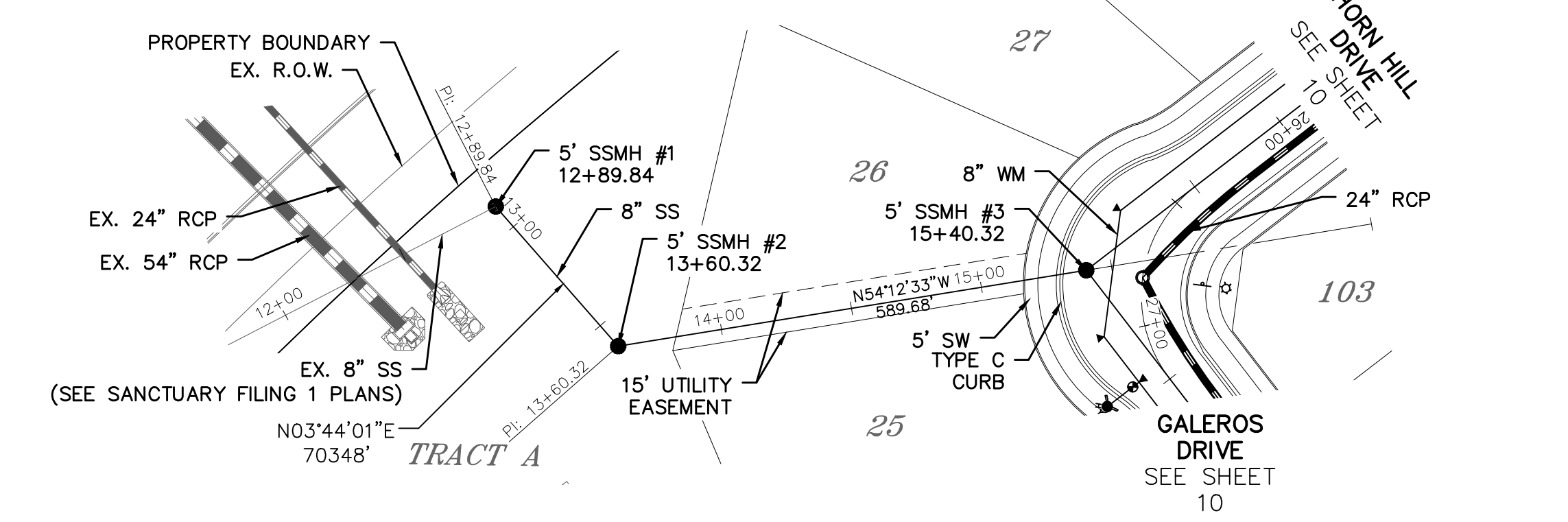
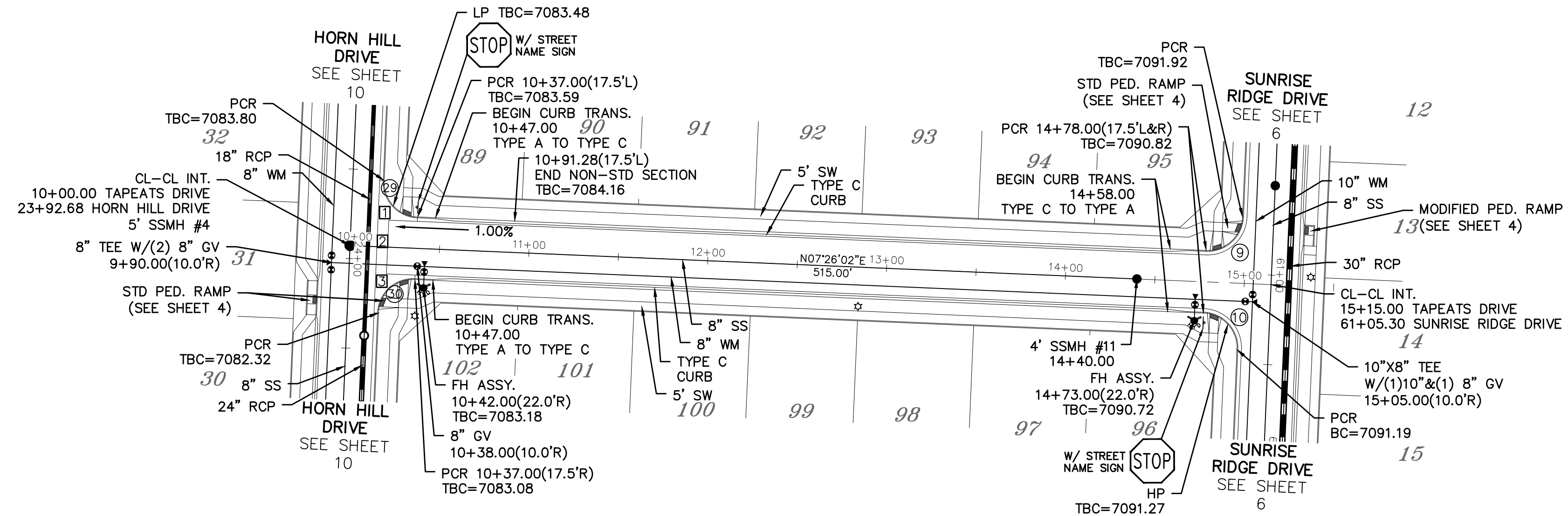
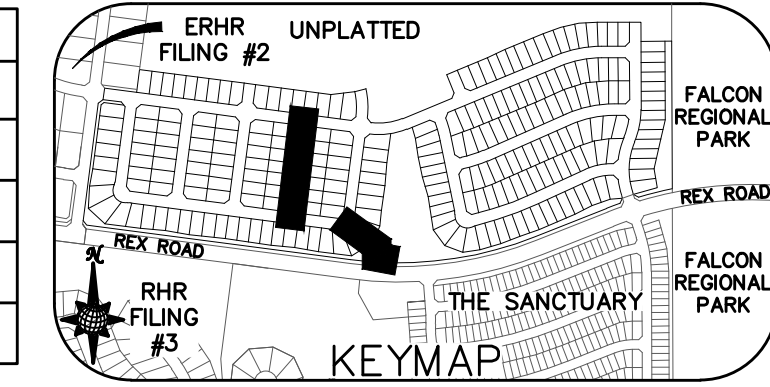
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

INSTALL CROSS PAN
PER COUNTY STD
SD-2-26

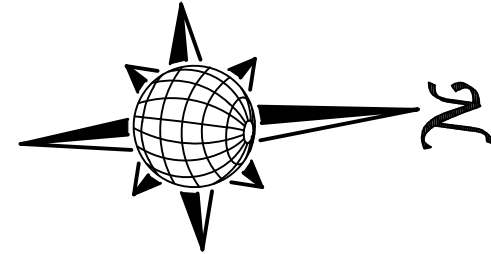
- ☐ = 7082.90
- ☒ = 7082.56
- ☑ = 7082.22

Curve Table			
CURVE	LENGTH	RADIUS	Delta
9	30.63'	19.50'	90°00'00"
10	30.63'	19.50'	90°00'00"
29	30.63'	19.50'	90°00'00"
30	30.63'	19.50'	90°00'00"

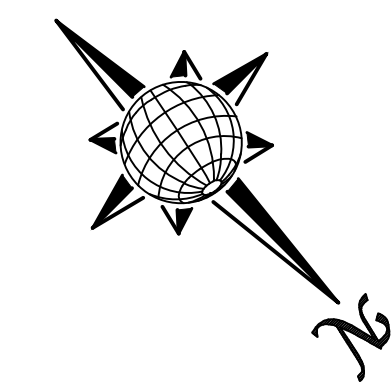
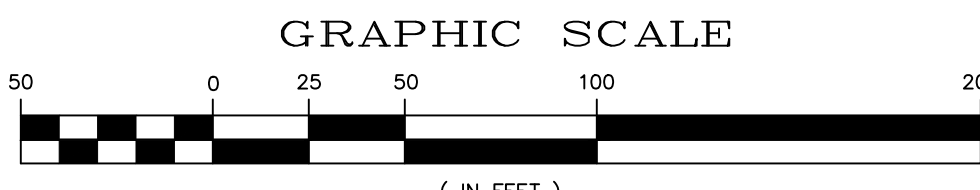
ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)



NOTE: CONTRACTOR TO CONFIRM INV ELEVATION OF EXISTING 8" PVC SS PRIOR TO NEW MANHOLE AND PIPE INSTALLATION



TAPEATS DRIVE



SS #1

URBAN LOCAL, DESIGN SPEED 25 MPH
60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)

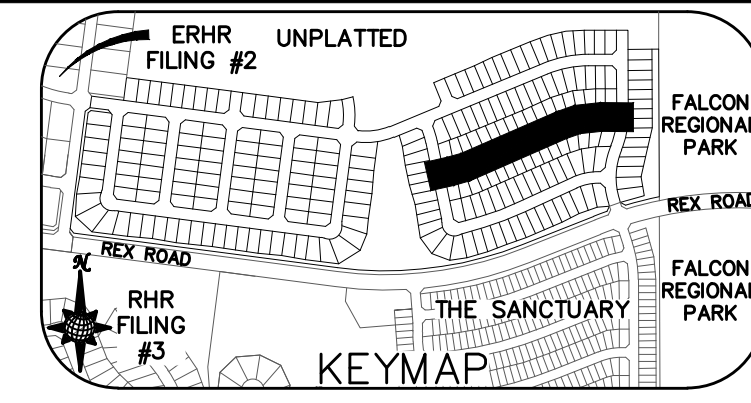
Station	Profile	Vertical Curve Data	Notes
7100	7100	PVI STA: 11+01.28 PVI ELEV: 7084.33 K: 20.00 LVC: 28.00	
7095	7105	BVCS: 10+91.28 BVCE: 7084.13 EVCS: 11+11.28 EVCE: 7084.43	
7090	7100	PVI STA: 13+26.86 PVI ELEV: 7086.59 K: 30.00 LVC: 60.00	
7085	7095	BVCS: 12+96.86 BVCE: 7086.29 EVCS: 13+46.86 EVCE: 7087.49	
7080	7090	PVI STA: 14+40.00 PVI ELEV: 7089.97 K: 14.2 LVC: 14.2	
7075	7085	BVCS: 14+34.30 BVCE: 7089.81 EVCS: 14+54.30 EVCE: 7090.31	
7070	7080	PVI STA: 15+40.32 PVI ELEV: 7064.00 K: 11.2 LVC: 11.2	
7065	7075	BVCS: 15+34.30 BVCE: 7063.80 EVCS: 15+40.32 EVCE: 7063.90	
7060	7070		
7055	7065		

NOTE: CONTRACTOR TO CONFIRM INV ELEVATION OF EXISTING 8" PVC SS PRIOR TO NEW MANHOLE AND PIPE INSTALLATION

1	2	3	4	No.	Revisions	Date	Appr.
<p>TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444</p>							
<p>MERIDIAN RANCH</p>							
<p>ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS TAPEATS DRIVE AND SS #1</p>							
Scale		AS SHOWN		14 of 37		NOVEMBER 2023	
Drawn by		LOG		Checked by		TAK	
Date		NOVEMBER 2023		Date		NOVEMBER 2023	

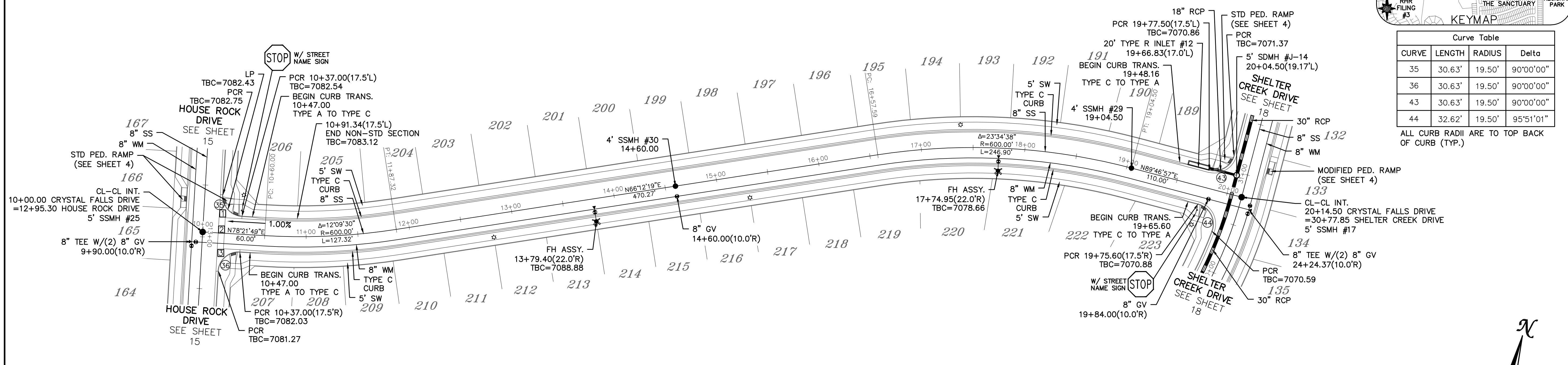
INSTALL CROSS PAN
PER COUNTY STD
SD-2-26

1 = 7081.85
2 = 7081.51
3 = 7081.17



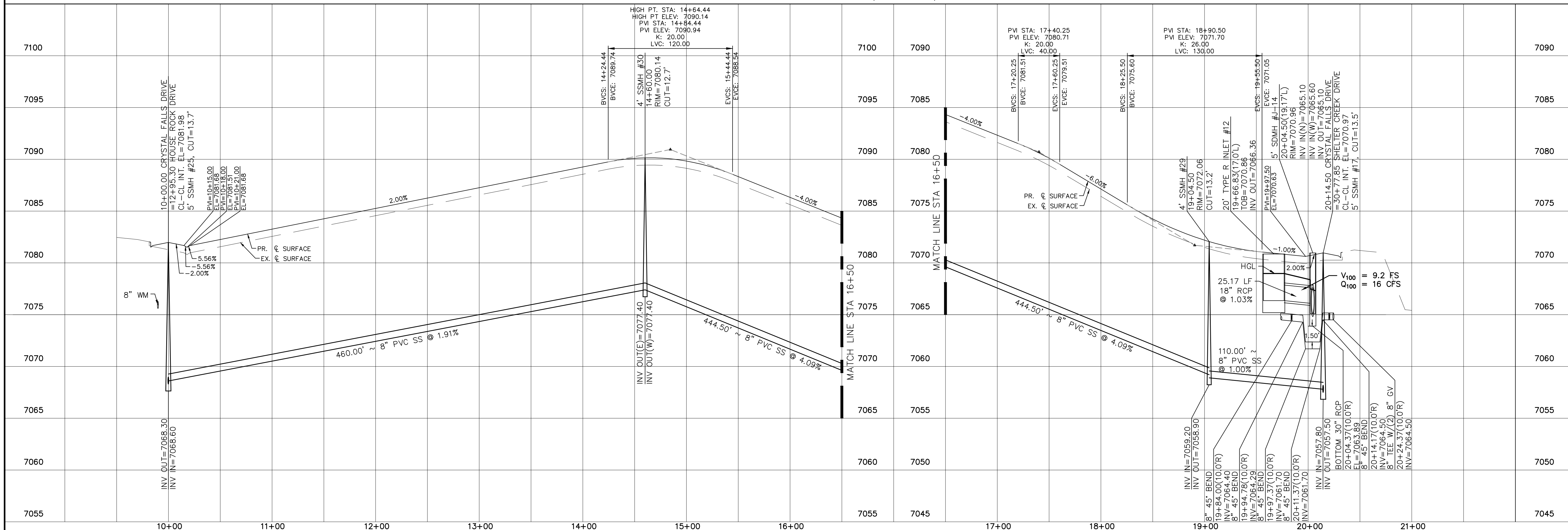
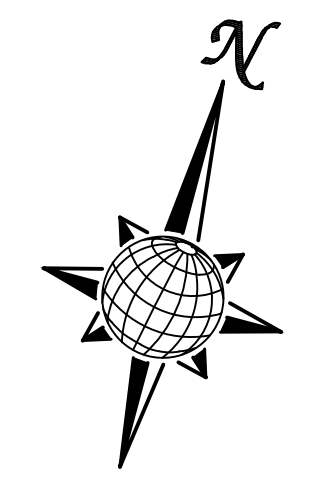
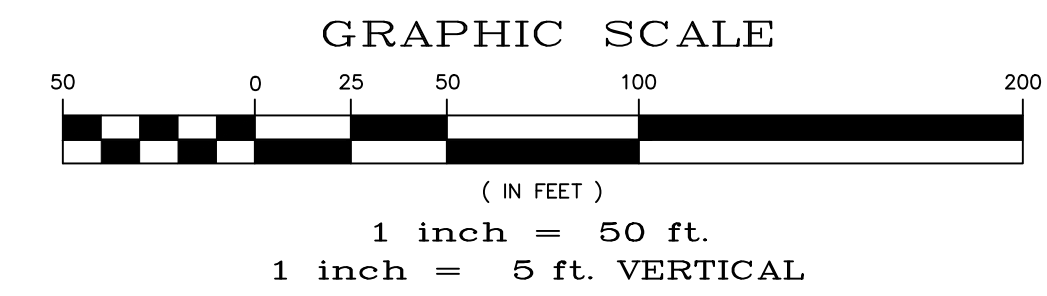
Curve Table			
CURVE	LENGTH	RADIUS	Delta
35	30.63'	19.50'	90°00'00"
36	30.63'	19.50'	90°00'00"
43	30.63'	19.50'	90°00'00"
44	32.62'	19.50'	95°51'01"

ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)

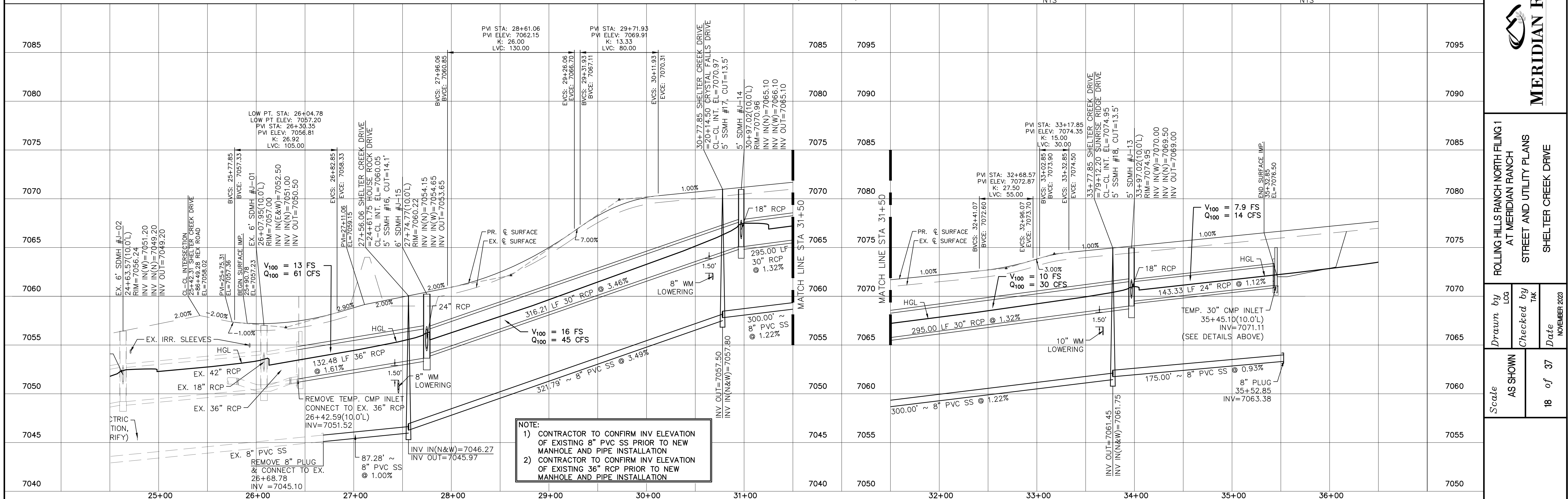
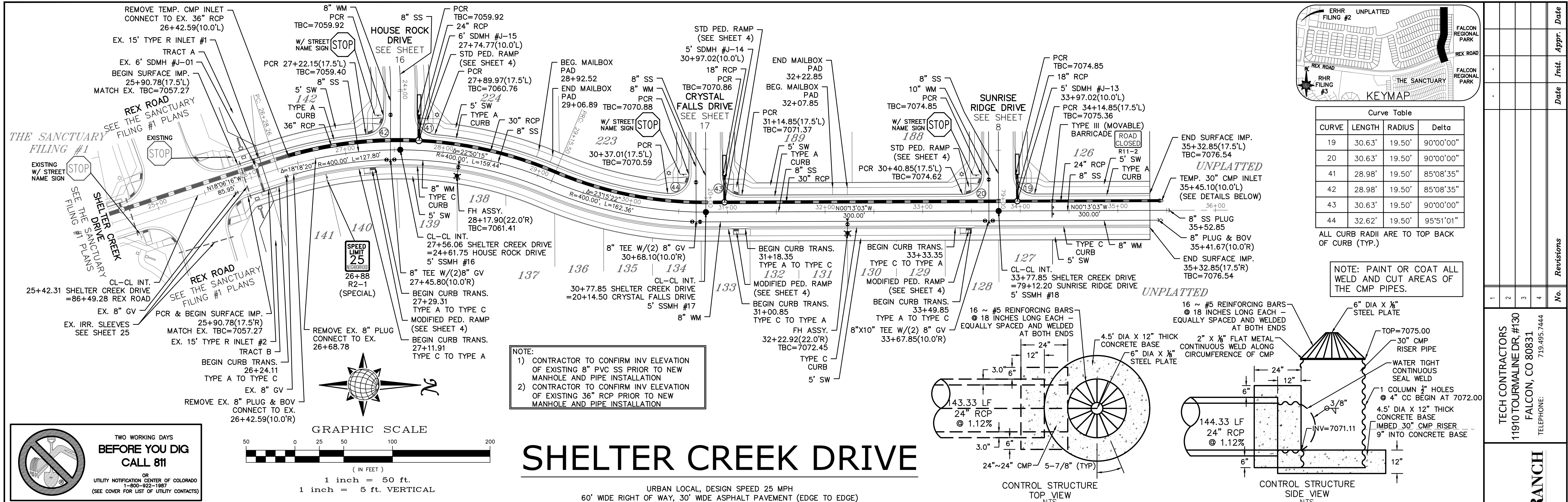


CRYSTAL FALLS DRIVE

URBAN LOCAL, DESIGN SPEED 25 MPH
60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



Date	Appr.	Date	Invt.
No.	Revisions		
1			
2			
3			
4			
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444			
MERIDIAN RANCH			
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS CRYSTAL FALLS DRIVE			
Scale	Drawn by	Checked by	Date
AS SHOWN	LOG	TAK	NOVEMBER 2023
17 of 37			

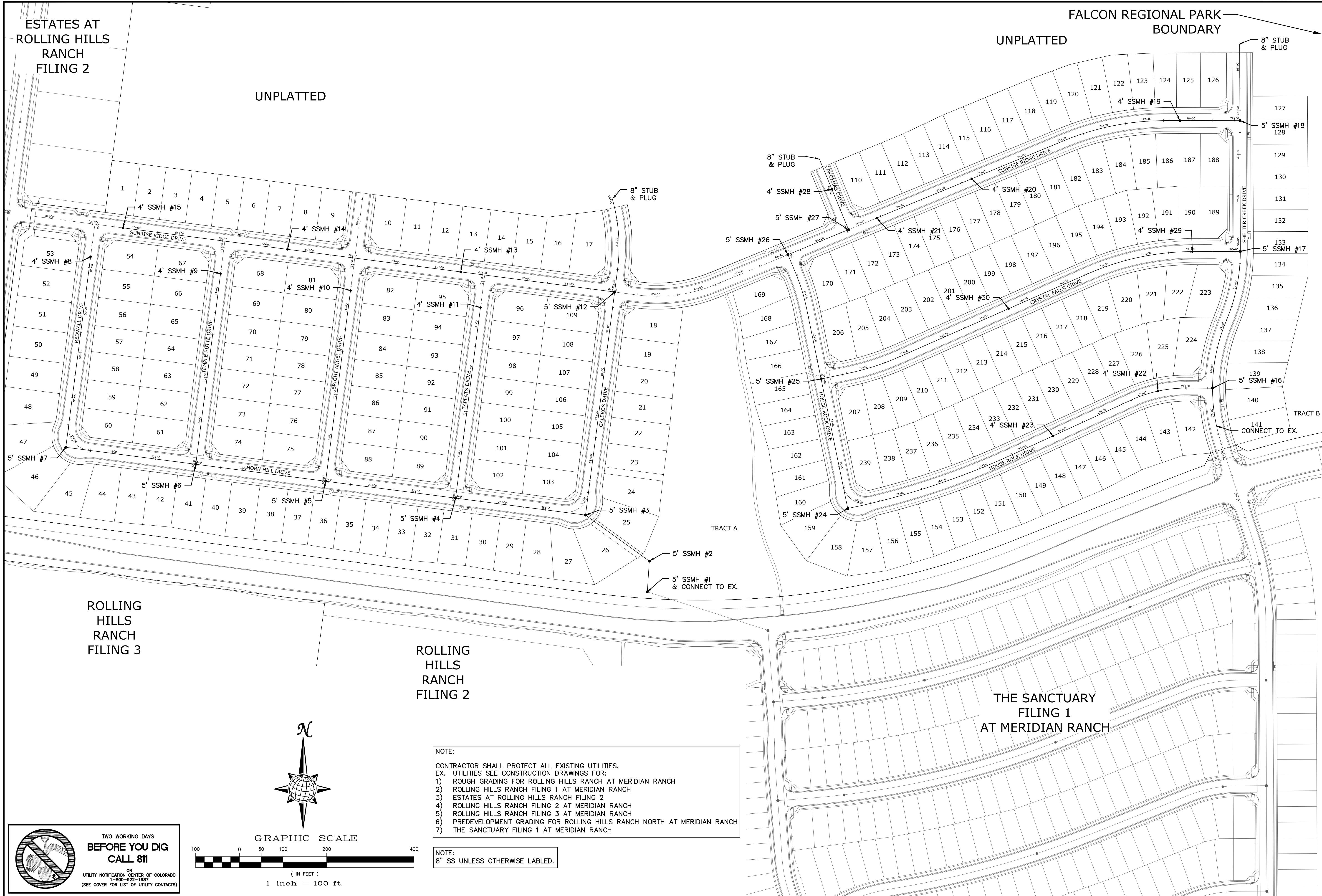


Date	Appr.	Date	Revis.
No.	TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444		
MERIDIAN RANCH			
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS SHELTER CREEK DRIVE			
Scale	AS SHOWN	Drawn by	LOG
		Checked by	TAK
	18 of 37	Date	NOVEMBER 2023

ESTATES AT ROLLING HILLS RANCH FILING 2

UNPLATTED

FALCON REGIONAL PARK UNPLATTED BOUNDARY

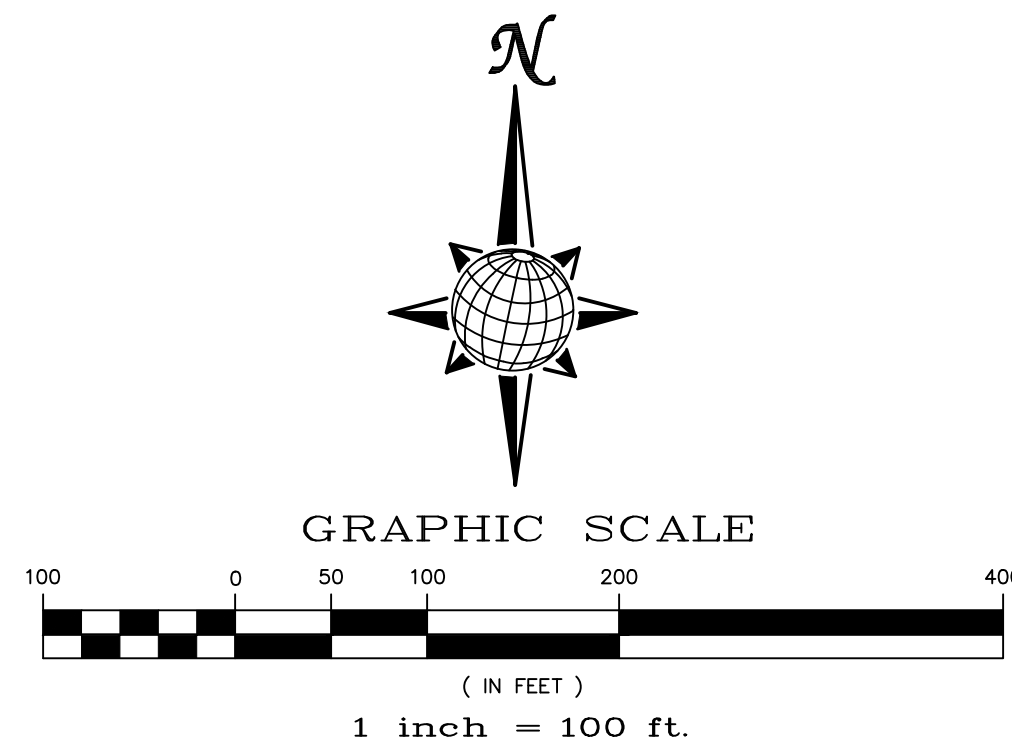


ROLLING HILLS RANCH FILING 3

ROLLING HILLS RANCH FILING 2

THE SANCTUARY FILING 1 AT MERIDIAN RANCH

TWO WORKING DAYS BEFORE YOU DIG CALL 811
 OR
 UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-822-1987
 (SEE COVER FOR LIST OF UTILITY CONTACTS)



NOTE:
 CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
 EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
 1) ROUGH GRADING FOR ROLLING HILLS RANCH AT MERIDIAN RANCH
 2) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
 3) ESTATES AT ROLLING HILLS RANCH FILING 2
 4) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
 5) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
 6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
 7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

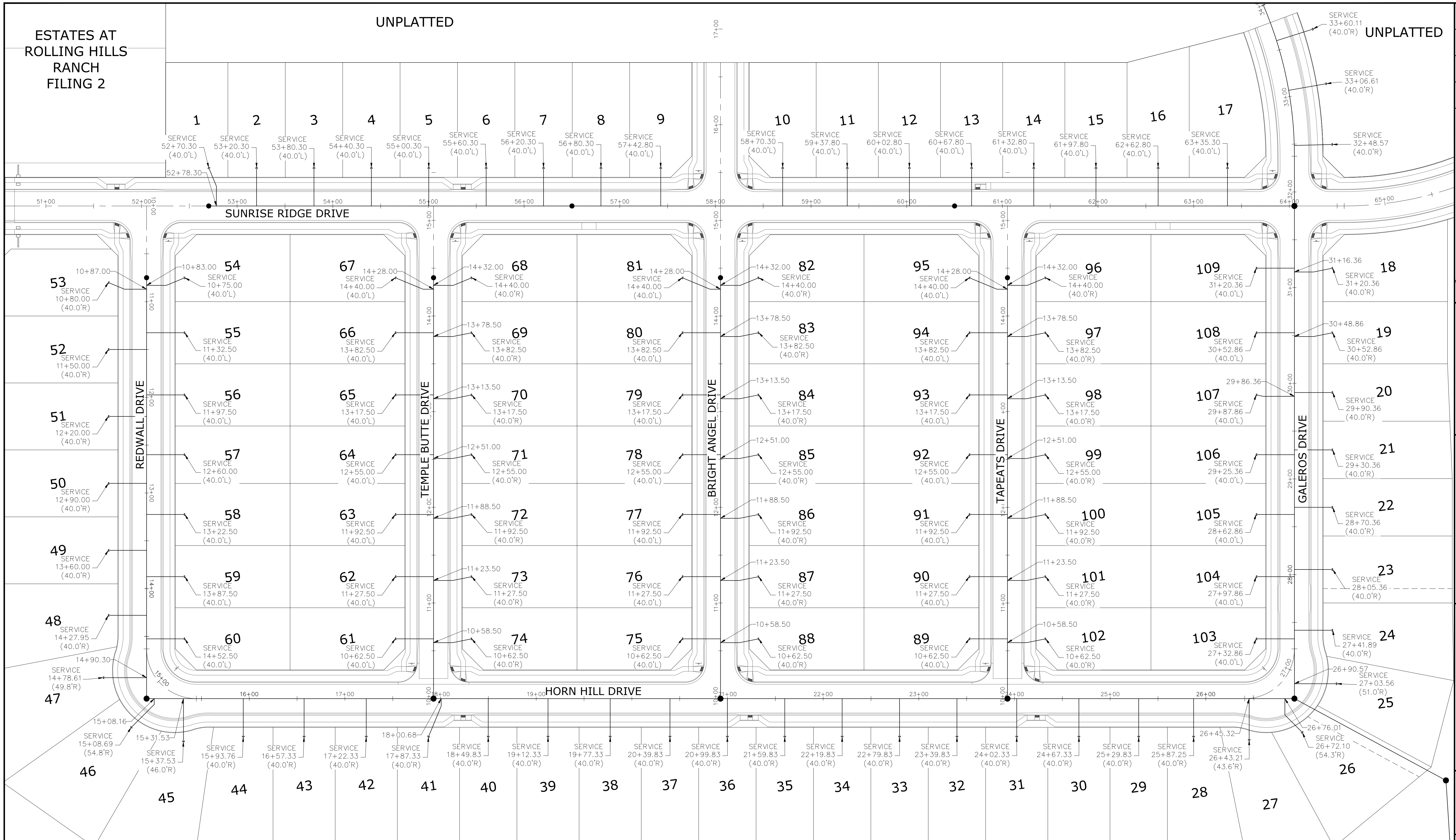
NOTE:
 8" SS UNLESS OTHERWISE LABELED.

1		2		3		4	
TECH CONTRACTORS		11910 TOURMALINE DR. #130		FALCON, CO 80831		TELEPHONE: 719.495.7444	
<p>MERIDIAN RANCH</p>		ROLLING HILLS RANCH NORTH FILING 1		AT MERIDIAN RANCH		STREET AND UTILITY PLANS	
		OVERALL SANITARY SEWER					
Scale	AS SHOWN	Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023
	20 of 37						
						Revisions	Date
							Appr.
							Date

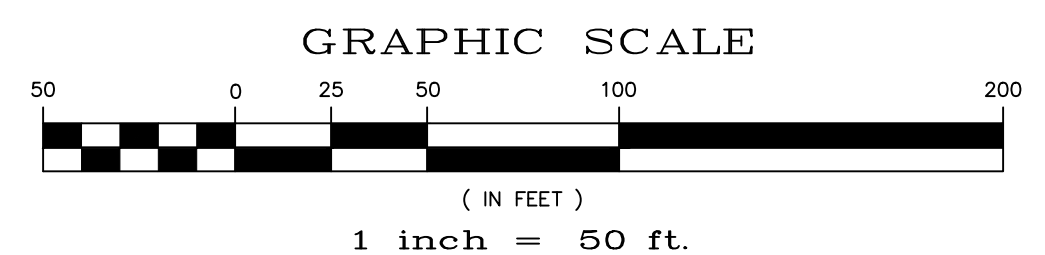
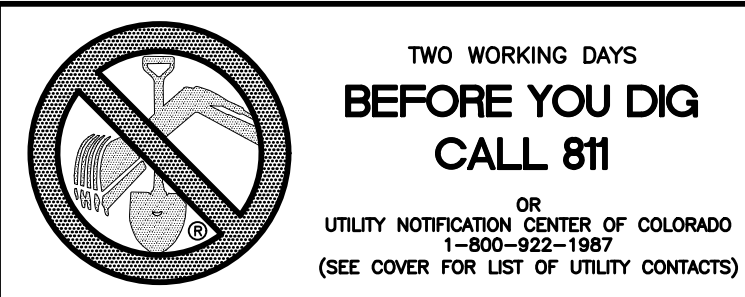
ESTATES AT
ROLLING HILLS
RANCH
FILING 2

UNPLATTED

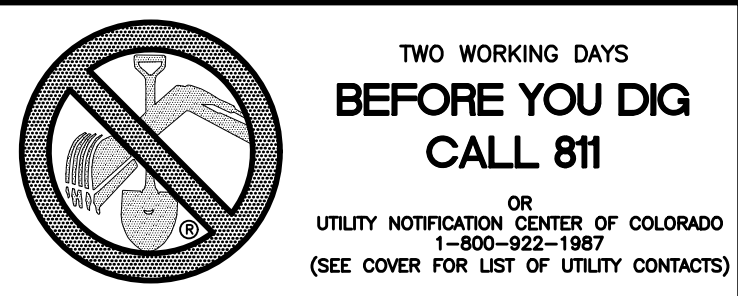
UNPLATTED



NOTE:
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EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1) ROUGH GRADING FOR ROLLING HILLS RANCH AT MERIDIAN RANCH
2) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
3) ESTATES AT ROLLING HILLS RANCH FILING 2
4) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
5) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

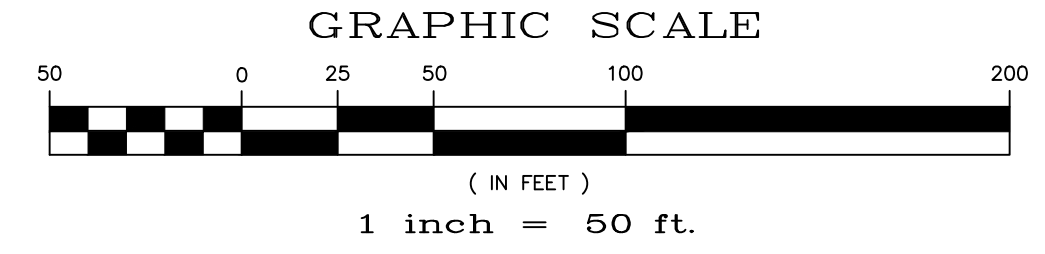
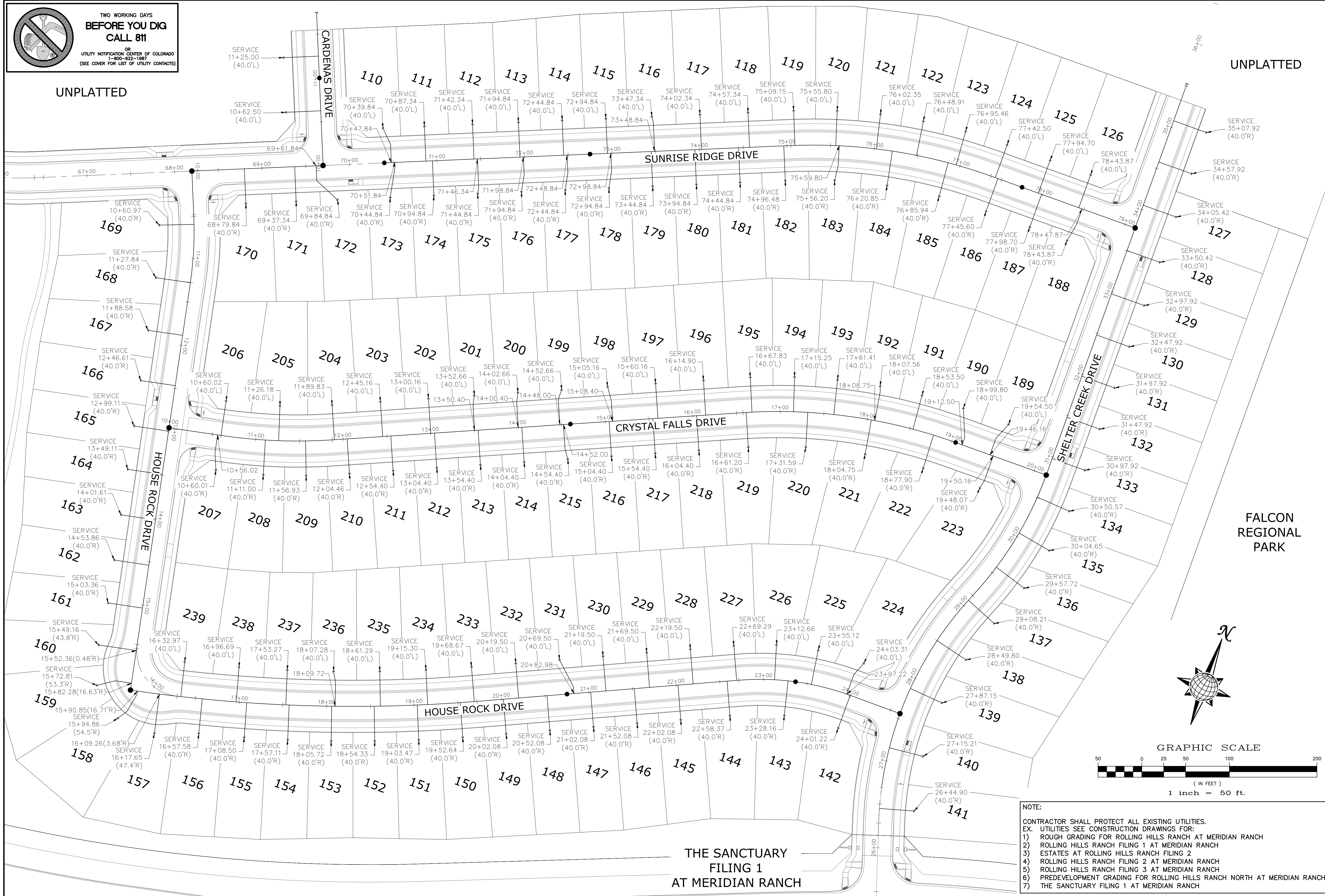


Scale	AS SHOWN	21 of 37		
Drawn by	Log	Checked by		
	TAK	Date		
		NOVEMBER 2023		
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL SANITARY SEWER SERVICES				
<p>MERIDIAN RANCH</p>				
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444				
No.	1	2	3	4
Revisions				
Date				
Appr.				



UNPLATTED

UNPLATTED



NOTE:
 CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
 EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
 1) ROUGH GRADING FOR ROLLING HILLS RANCH AT MERIDIAN RANCH
 2) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
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 4) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
 5) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
 6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
 7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

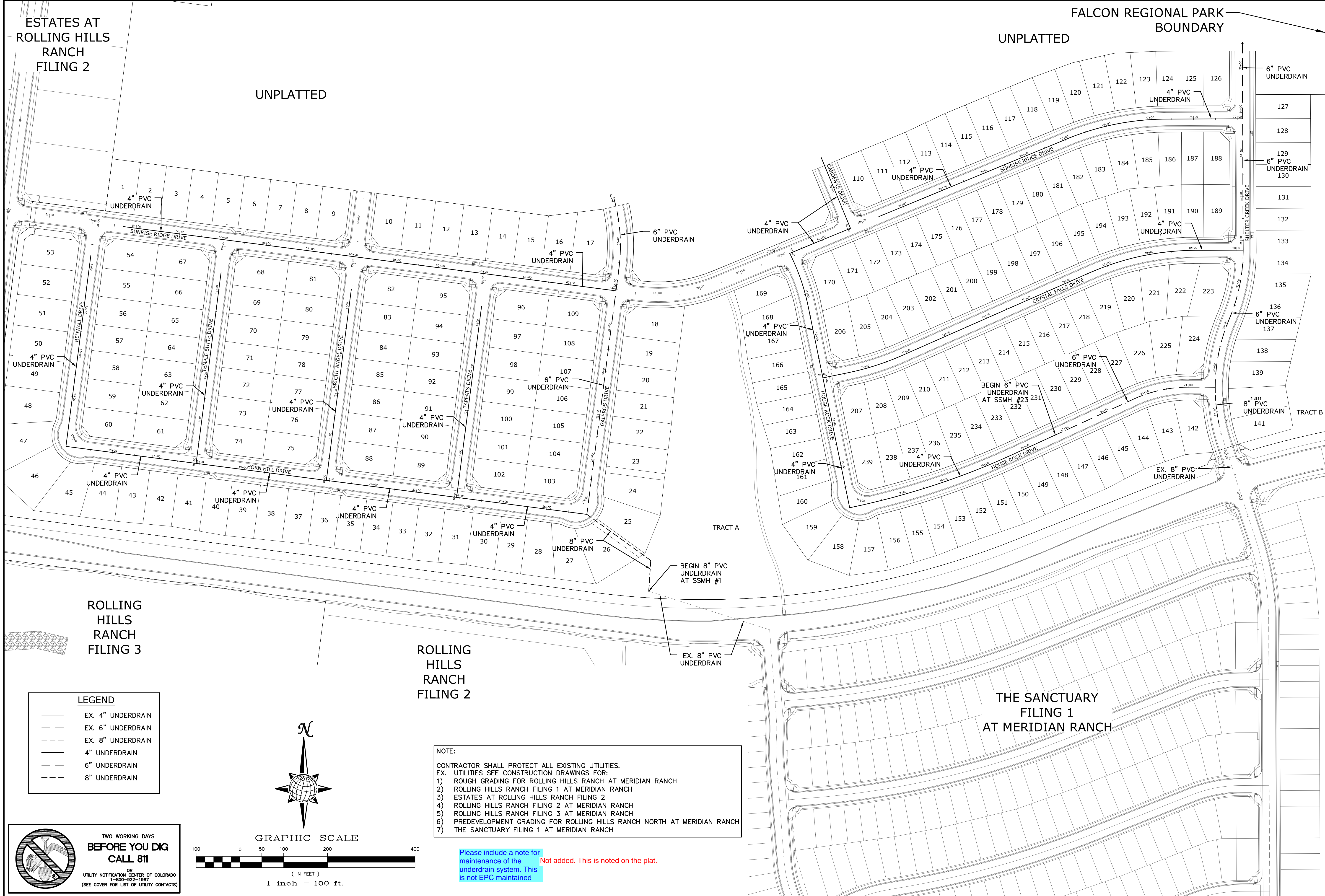
THE SANCTUARY
 FILING 1
 AT MERIDIAN RANCH

1	2	3	4	No.	Revisions			
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444								
MERIDIAN RANCH								
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL SANITARY SEWER SERVICES								
Scale	AS SHOWN	22 of 37	Drawn by LOG	Checked by TAK	Date NOVEMBER 2023			
<table border="1"> <tr> <td>Date</td> <td>Appr.</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					Date	Appr.		
Date	Appr.							

ESTATES AT ROLLING HILLS RANCH FILING 2

UNPLATTED

FALCON REGIONAL PARK UNPLATTED BOUNDARY



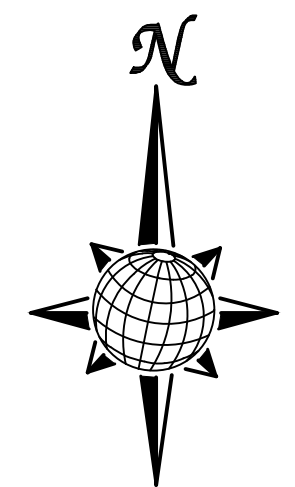
ROLLING HILLS RANCH FILING 3

ROLLING HILLS RANCH FILING 2

THE SANCTUARY FILING 1 AT MERIDIAN RANCH

LEGEND

- EX. 4" UNDERDRAIN
- EX. 6" UNDERDRAIN
- EX. 8" UNDERDRAIN
- 4" UNDERDRAIN
- 6" UNDERDRAIN
- 8" UNDERDRAIN



GRAPHIC SCALE

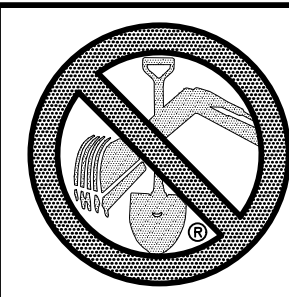


(IN FEET)
1 inch = 100 ft.


NOTE:

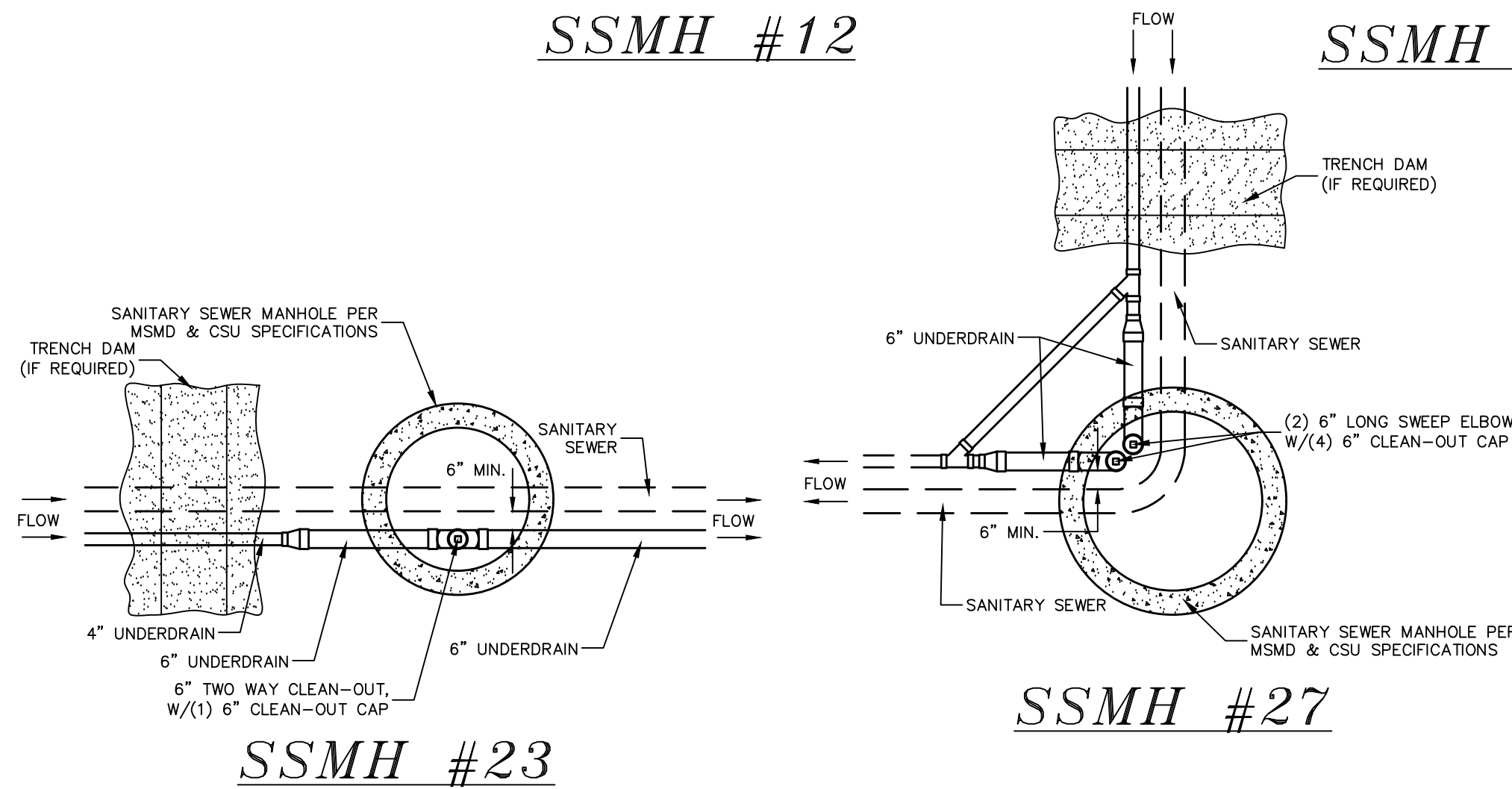
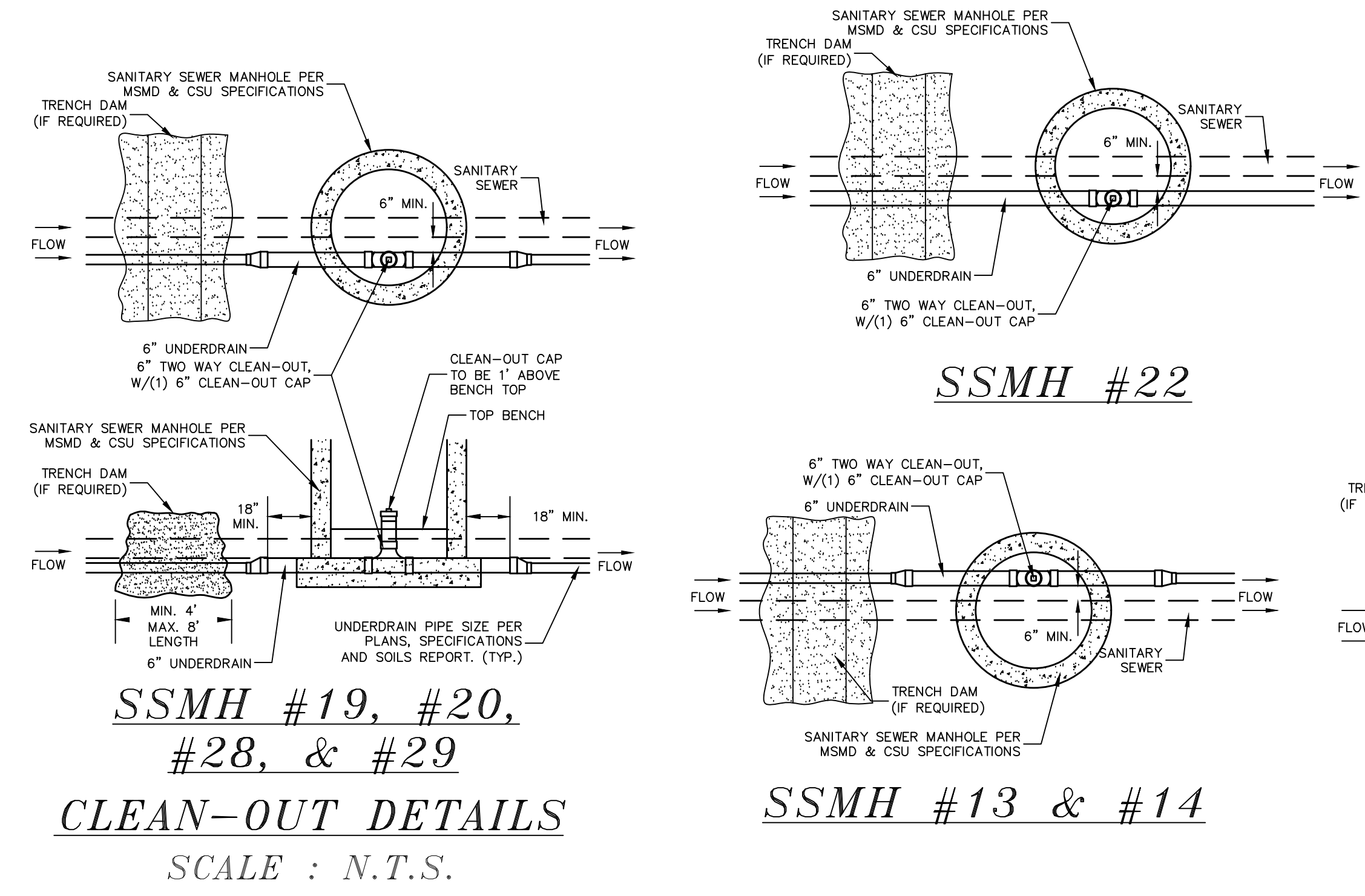
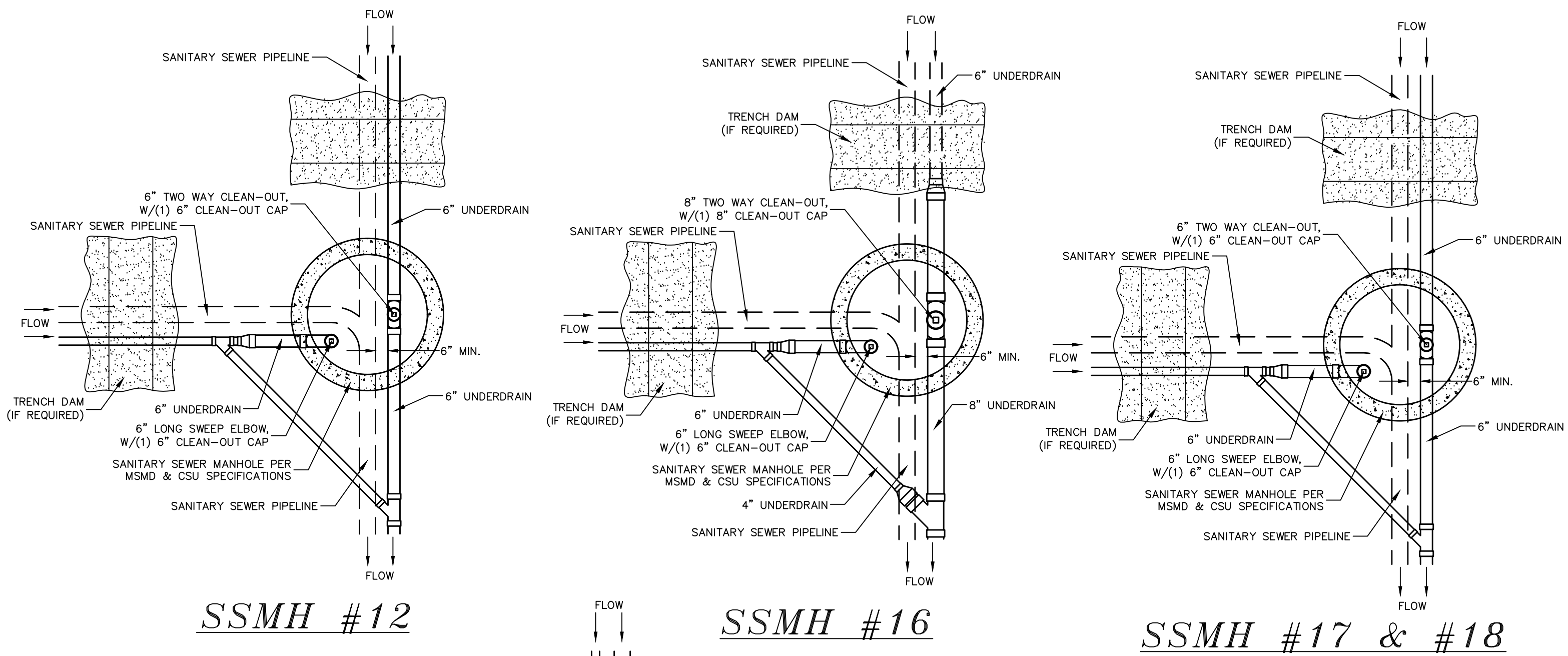
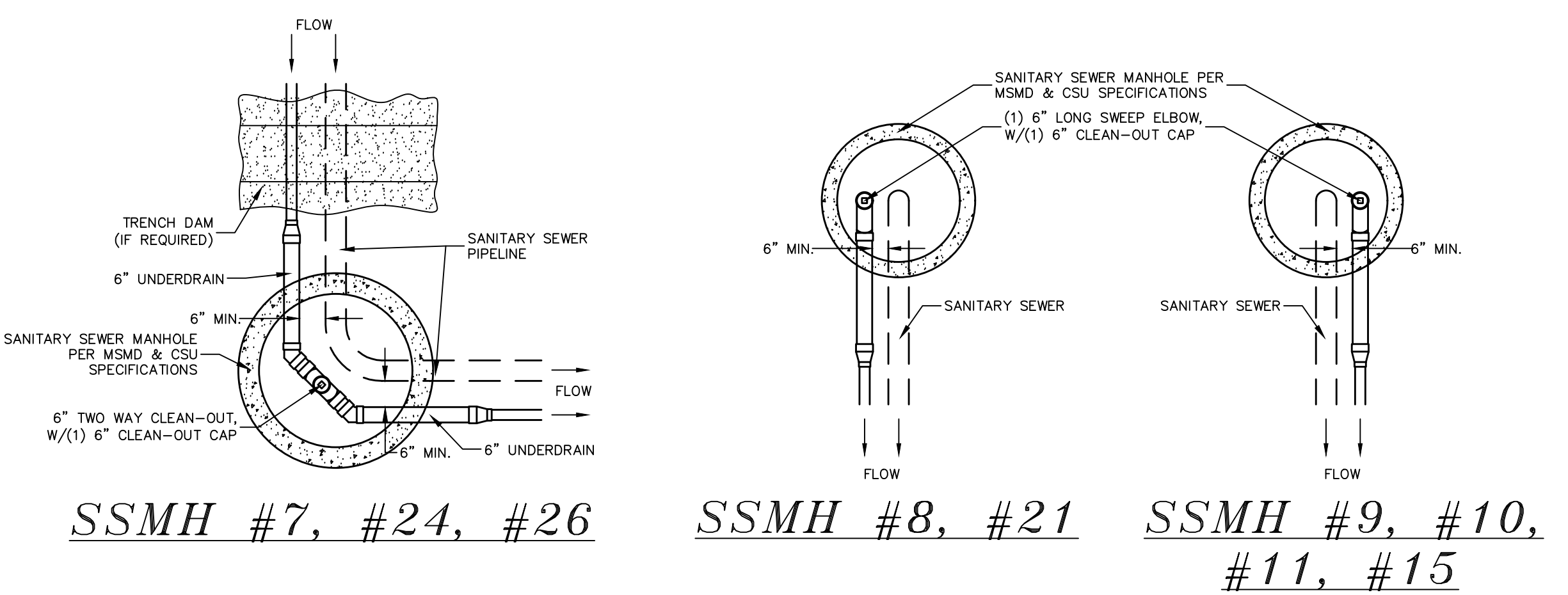
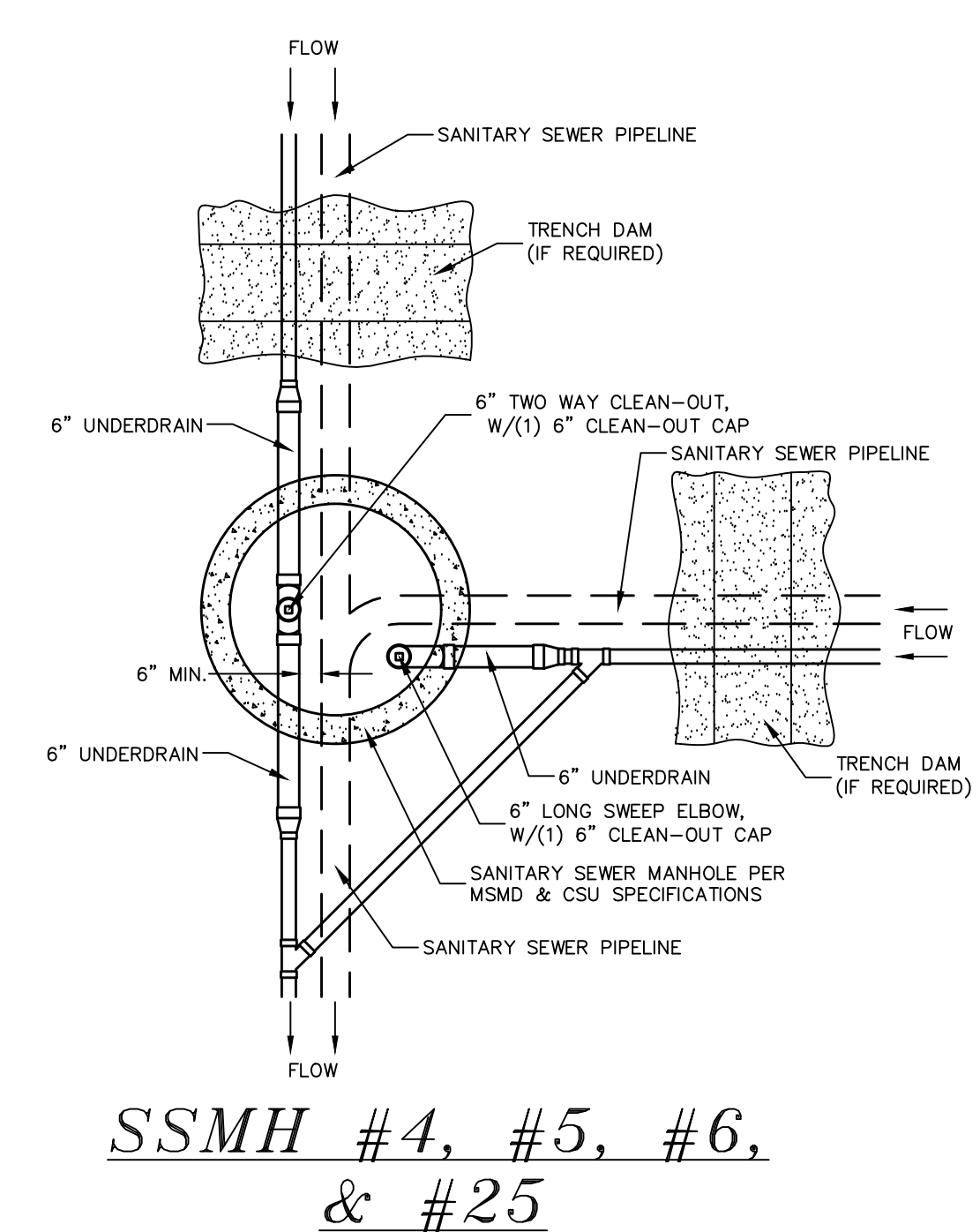
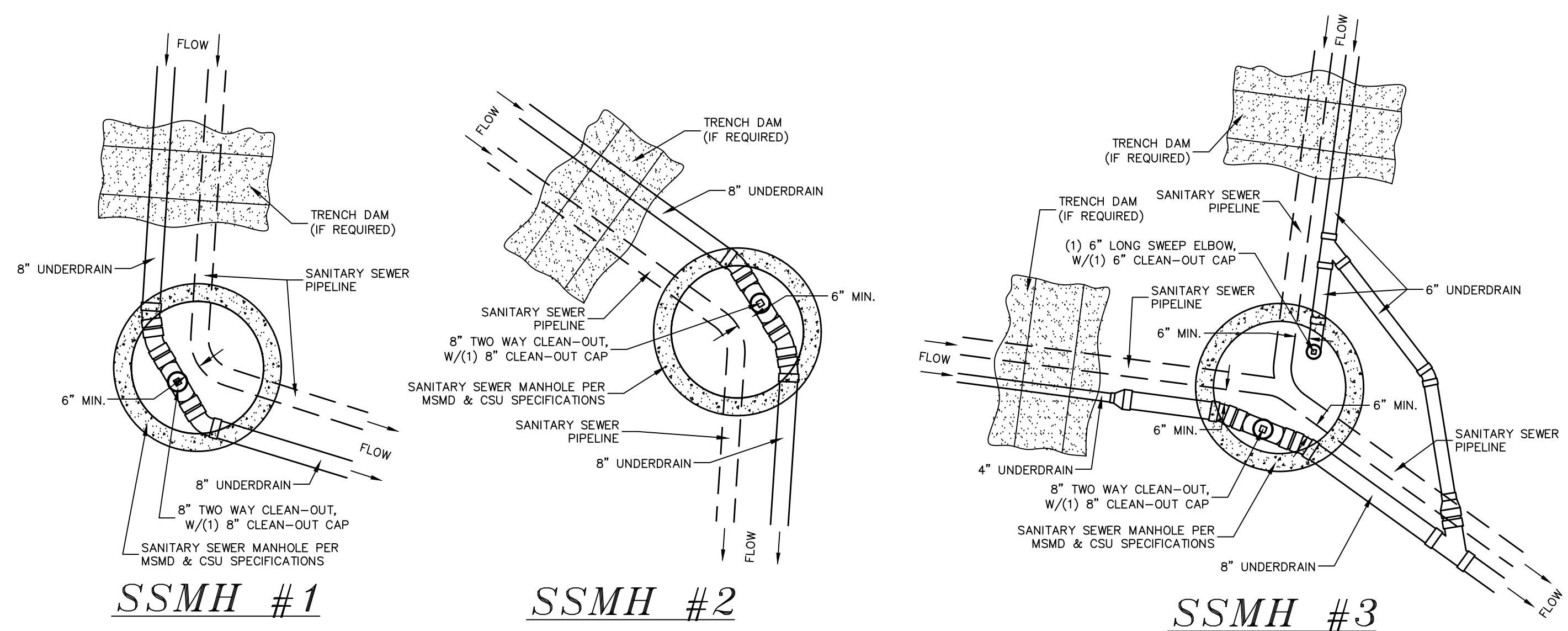
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1) ROUGH GRADING FOR ROLLING HILLS RANCH AT MERIDIAN RANCH
2) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
3) ESTATES AT ROLLING HILLS RANCH FILING 2
4) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
5) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

Please include a note for maintenance of the underdrain system. This is not EPC maintained. Not added. This is noted on the plat.



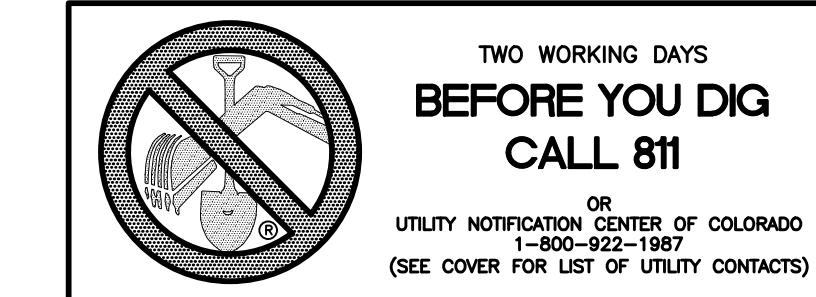
TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR UTILITY NOTIFICATION CENTER OF COLORADO 1-800-922-1987 (SEE COVER FOR LIST OF UTILITY CONTACTS)

1		2		3		4	
No.		Revisions		Date		Appr.	
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444							
 MERIDIAN RANCH							
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL UNDERDRAIN							
Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023		
Scale	AS SHOWN		23 of 37				



- NOTES:**
1. THE UNDERDRAIN SYSTEM SHALL BE PASSIVE, WATER TIGHT, NON-PERFORATED PIPE, WITH THE MAIN LINE SIZE DESIGNED BY THE ENGINEER. ALL UNDERDRAIN PIPES AND FITTINGS SHALL BE SDR 35 PVC, OR MSMD APPROVED EQUAL, INSTALLED PER THE SAME INSTALLATION STANDARDS AS OUTLINED BY CSUS FOR SANITARY SEWER SYSTEMS. THE UNDERDRAIN SYSTEM AT EACH SANITARY SEWER MANHOLE SHALL CONTAIN 6" CLEAN-OUTS IN EACH UNDERDRAIN MAIN DIRECTION PER THE CLEAN-OUT DETAIL. ALL LOTS SHALL RECEIVE A WHITE 3" UNDERDRAIN SERVICE LATERAL ADJACENT TO THE SANITARY SEWER SERVICE LATERAL.
 2. TESTING OF THE UNDERDRAIN SYSTEM WILL CONSIST OF VISUAL INSPECTIONS FOR WATER IN THE SYSTEM, ALONG WITH A VIDEO INSPECTION PERFORMED BY MSMD PERSONNEL. ALL UNDERDRAIN MAINS AND DOWNSTREAM INFILTRATION STRUCTURES SHALL BE CLEAN AND DEBRIS FREE UPON COMPLETION OF THE SYSTEM AND PRIOR TO CCTV. ALL UNDERDRAIN MAINS SHALL BE CCTV INSPECTED BY MSMD AND REVIEWED FOR APPROVAL. THE SPECIFICATION FOR ALLOWABLE STANDING WATER AND WATER INFILTRATION IN THE UNDERDRAIN SYSTEM SHALL BE THE SAME AS PER CSUS FOR SANITARY SEWER SYSTEMS. IF EXCESS WATER IS OBSERVED IN THE UNDERDRAIN SYSTEM, THE CONTRACTOR SHALL LOCATE THE SOURCE OF WATER INFILTRATION AND REPAIR AS NECESSARY TO MEET CSUS.
 3. IF THE UNDERDRAIN MAIN HAS LOW SPOTS THAT EXCEED CSUS STANDARDS, THE CONTRACTOR SHALL REPAIR THE LINE AS NECESSARY TO MEET CSUS. UNDERDRAIN MAINS THAT DO NOT MEET MSMD STANDARDS SHALL BE REPLACED AND OR REPAIRED AS NECESSARY. THE CONTRACTOR SHALL RE-CCTV INSPECT THE UNDERDRAIN MAIN LINES AFTER THE REPAIRS HAVE BEEN MADE WITH ONE VIDEO SUBMITTED TO MSMD FOR REVIEW AND APPROVAL.
 4. UNDER DRAIN MAIN LINES SHALL HAVE CONTINUOUS POSITIVE DRAINAGE TO THE POINT OF DISCHARGE INTO A BELOW GRADE AN APPROVED UNDERDRAIN INFILTRATION STRUCTURE WHEREVER POSSIBLE. UNDERDRAIN INFILTRATION STRUCTURES SHALL BE DESIGNED WITH OVERFLOW LINES FOR FUTURE EXPANSION AS NEEDED. IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION OF THE INFILTRATION STRUCTURE, STOP INSTALLATION AND CONTACT THE DISTRICT ENGINEER FOR POSSIBLE ALTERNATE DESIGN.
 5. UNDERDRAINS WILL DAYLIGHT AT LOCATIONS SHOWN ON THE DRAWINGS.
 6. UNDERDRAIN CLEANOUTS SHALL BE 6 INCH AND SHALL BE LOCATED AT EVERY MANHOLE. UNDERDRAIN CLEANOUTS AND CLEANOUT CONSTRUCTION WILL LEAVE NO INFILTRATION WITHIN SEWER MANHOLES. MANHOLE PENETRATIONS TO BE FILLED WITH NON-SHRINKING GROUT. UNDERDRAIN SIZE WILL NOT BE REDUCED THROUGH THE MANHOLE.
 7. TRENCH DAMS WILL BE PROVIDED AT INTERVALS NO GREATER THAN 350 FEET IN SANITARY SEWER SECTIONS WHERE GROUNDWATER EXISTS OR WHERE DIRECTED BY THE ENGINEER. A TRENCH DAM WILL BE CONSTRUCTED WITHIN THE FIRST 100 FEET OF EITHER ENTERING OR EXITING GROUNDWATER. THE CONTRACTOR SHALL NOTIFY THE DISTRICT WHEN GROUNDWATER IS ENCOUNTERED TO REVIEW TRENCH DAM NEEDS, LOCATIONS, AND MATERIALS.
 8. TRENCH DAMS MAY BE CONSTRUCTED OF ON SITE MATERIALS IF APPROVED BY THE SOILS ENGINEER.
 9. TRENCH DAMS SHALL COMPLETELY INTERRUPT GRAVEL BEDDING AND STABILIZATION THE FULL WIDTH OF THE TRENCH FOR A LENGTH OF NO LESS THAN 4 FEET BUT NO GREATER THAN 8 FEET.
 10. TRENCH DAMS SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR AROUND THE SEWER AND UNDERDRAIN PIPELINES.
 11. IF ALTERNATE MATERIALS (CONCRETE) OR SOIL AMENDED TRENCH DAMS ARE NECESSARY OR REQUIRED BY THE ENGINEER, THE DAMS SHALL BE EXTENDED A MINIMUM OF 6 FEET ABOVE THE PIPELINE BUT IN NO CASE CLOSER THAN 6' FROM THE SURFACE.

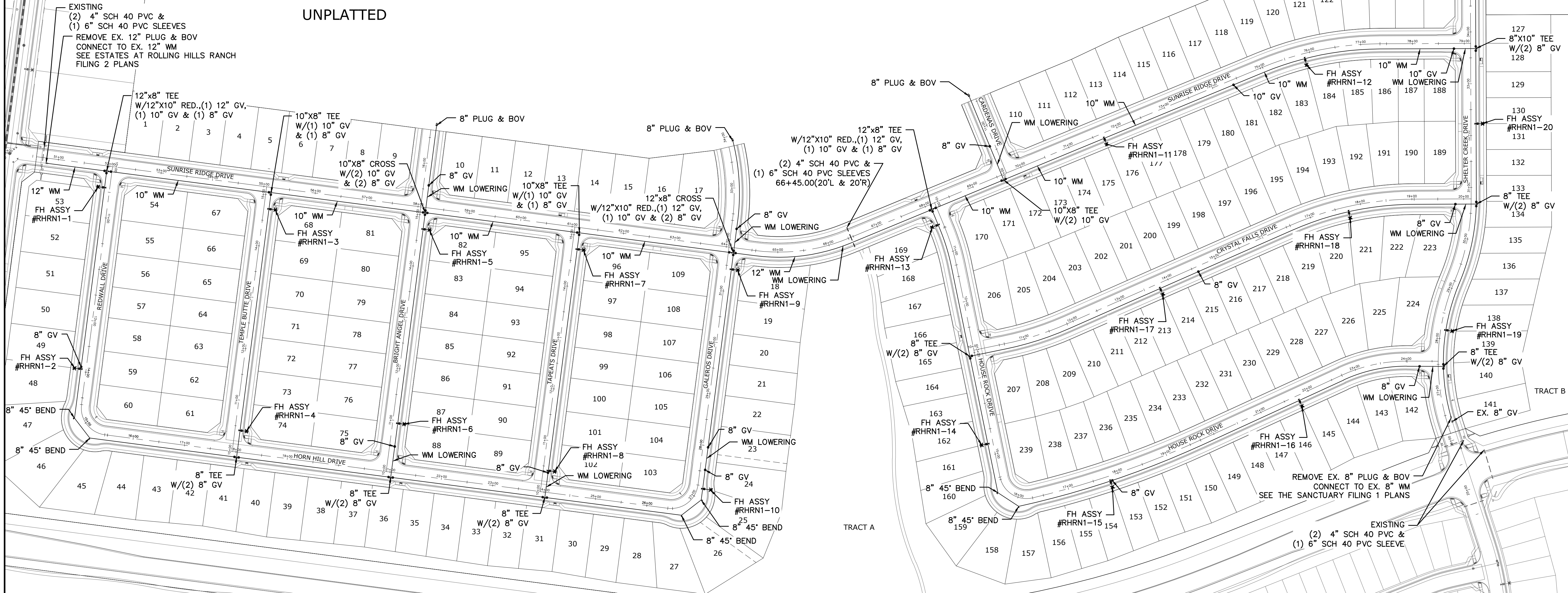
1	2	3	4	No.	Revisions	Date	Appr.
TECH CONTRACTORS				11910 TOURMALINE DR. #130			
FALCON, CO 80831				719.495.7444			
MERIDIAN RANCH				UNDERDRAIN DETAILS			
ROLLING HILLS RANCH NORTH FILING 1				AT MERIDIAN RANCH			
STREET AND UTILITY PLANS				NOVEMBER 2023			
Scale	AS SHOWN	Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023
	24						
	of						
	37						



ESTATES AT ROLLING HILLS RANCH FILING 2

UNPLATTED

FALCON REGIONAL PARK UNPLATTED BOUNDARY

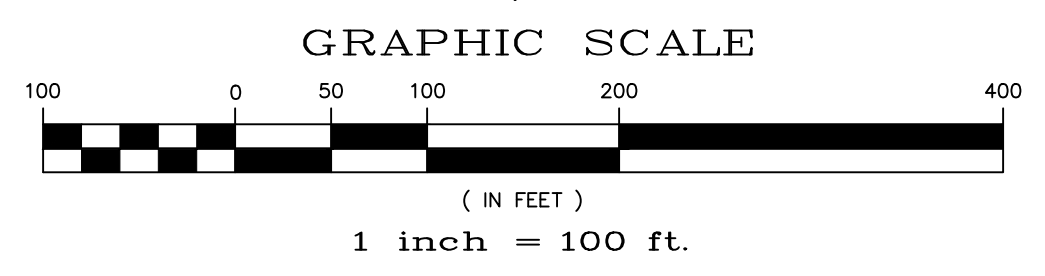
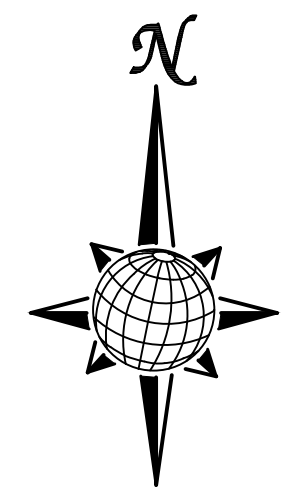


ROLLING HILLS RANCH FILING 3

ROLLING HILLS RANCH FILING 2

THE SANCTUARY FILING 1 AT MERIDIAN RANCH

RESIDENTIAL HOME
4,800 SQ. FT. (MAX)
VB CONSTRUCTION
REQ'D FIRE FLOW: 1750 GPM
HYDRANT SPACING: 500' (MAX)
HOSE LAY DIST.: 250' (MAX)
NON-SPRINKLER



NOTE:
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EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1) ROUGH GRADING FOR ROLLING HILLS RANCH AT MERIDIAN RANCH
2) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
3) ESTATES AT ROLLING HILLS RANCH FILING 2
4) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
5) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

NOTE:
8" WM UNLESS OTHERWISE LABELED.

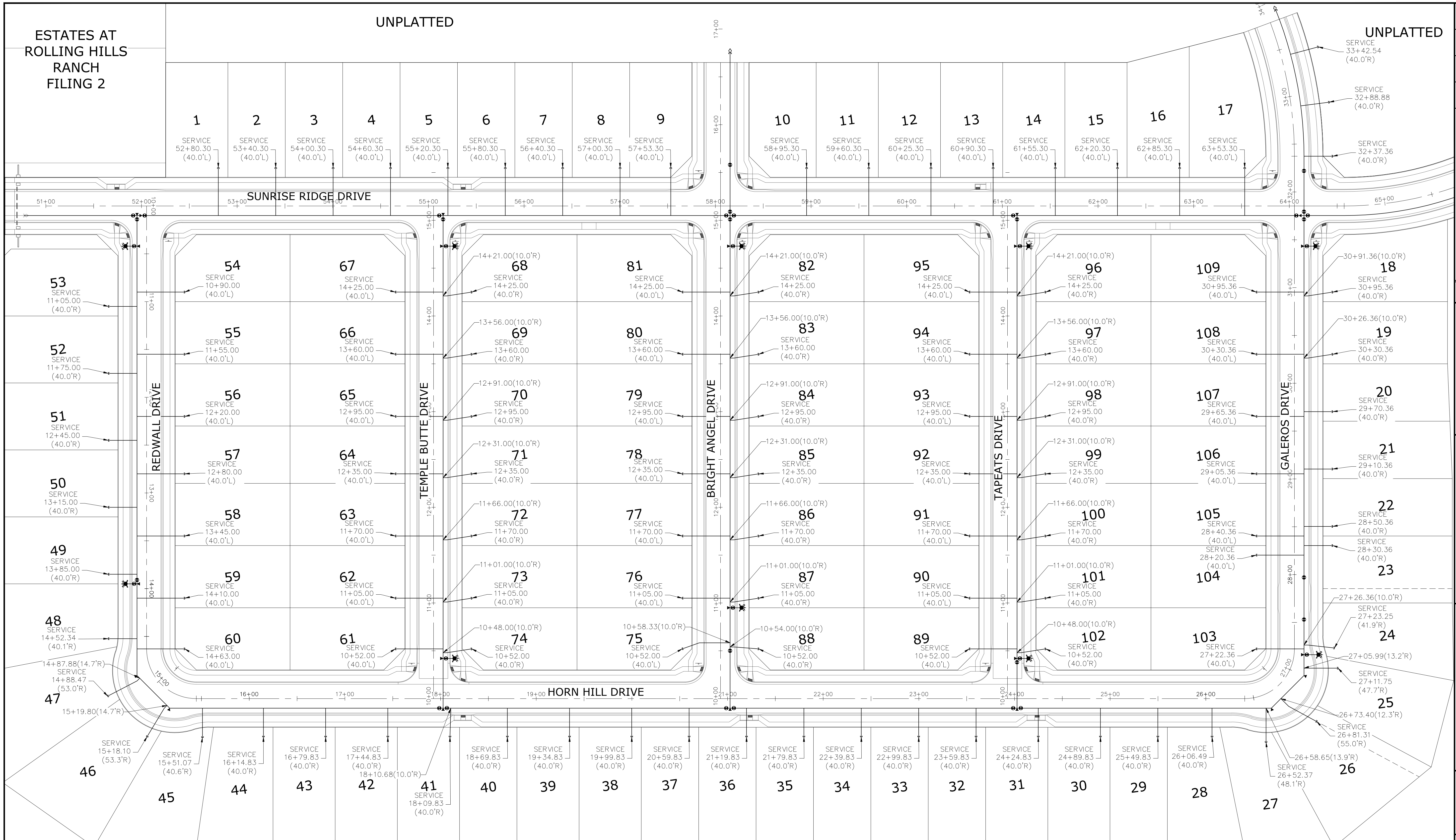
TWO WORKING DAYS
**BEFORE YOU DIG
CALL 811**
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-422-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

1	2	3	4	No.	Revisions	Date	Appr.	
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444				MERIDIAN RANCH				ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL WATER
Scale	AS SHOWN	Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023	
	25 of 37							

ESTATES AT ROLLING HILLS RANCH FILING 2

UNPLATTED

UNPLATTED



No.	Revisions	Date	Init.	Appr.	Date
1					
2					
3					
4					

TECH CONTRACTORS
11910 TOURMALINE DR. #130
FALCON, CO 80831
TELEPHONE: 719.495.7444



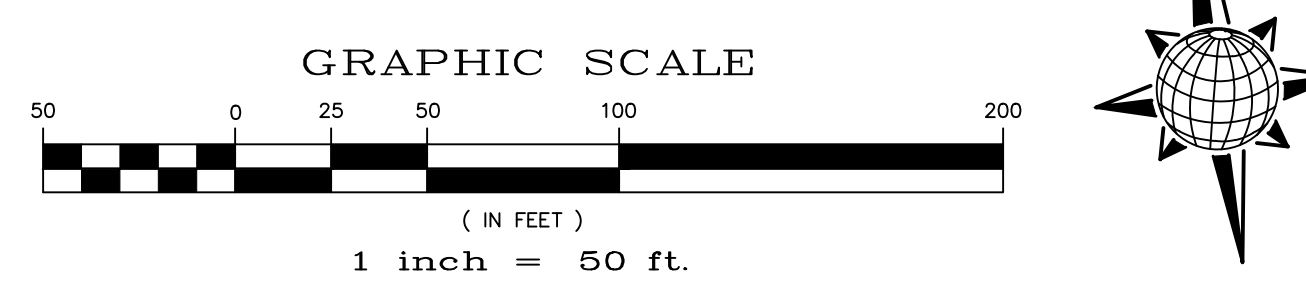
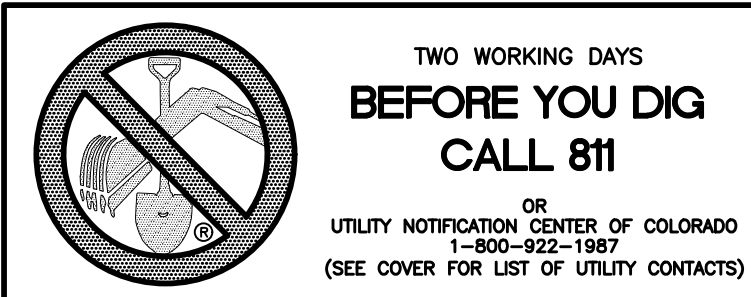
ROLLING HILLS RANCH NORTH FILING 1
AT MERIDIAN RANCH
STREET AND UTILITY PLANS
OVERALL WATER SERVICES

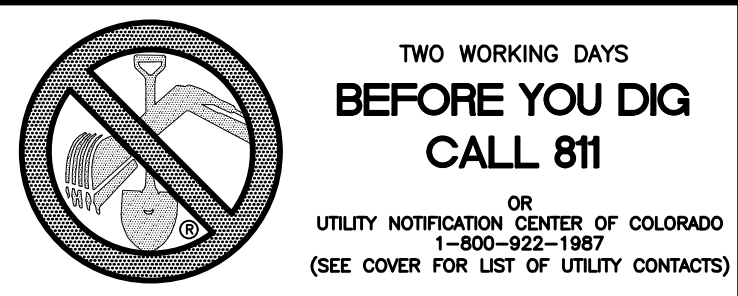
Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023
Scale	AS SHOWN	26	of	37	

NOTE:
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1) ROUGH GRADING FOR ROLLING HILLS RANCH AT MERIDIAN RANCH
2) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
3) ESTATES AT ROLLING HILLS RANCH FILING 2
4) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
5) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

NOTE:
3/4" WATER SERVICE UNLESS OTHERWISE LABELED.

RESIDENTIAL HOME
4,800 SQ. FT. (MAX)
VB CONSTRUCTION
REQ'D FIRE FLOW: 1750 GPM
HYDRANT SPACING: 500' (MAX)
HOSE LAY DIST.: 250' (MAX)
NON-SPRINKLER



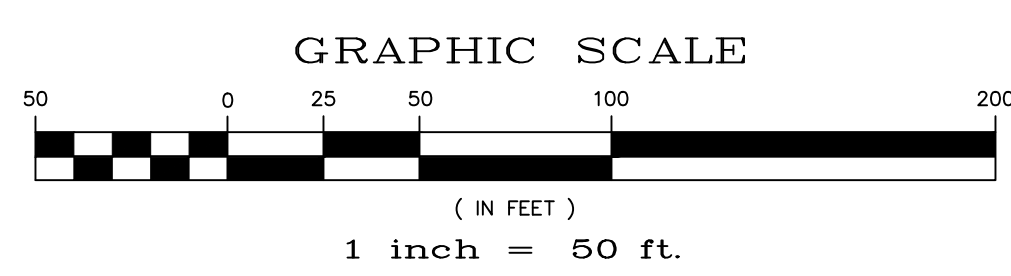
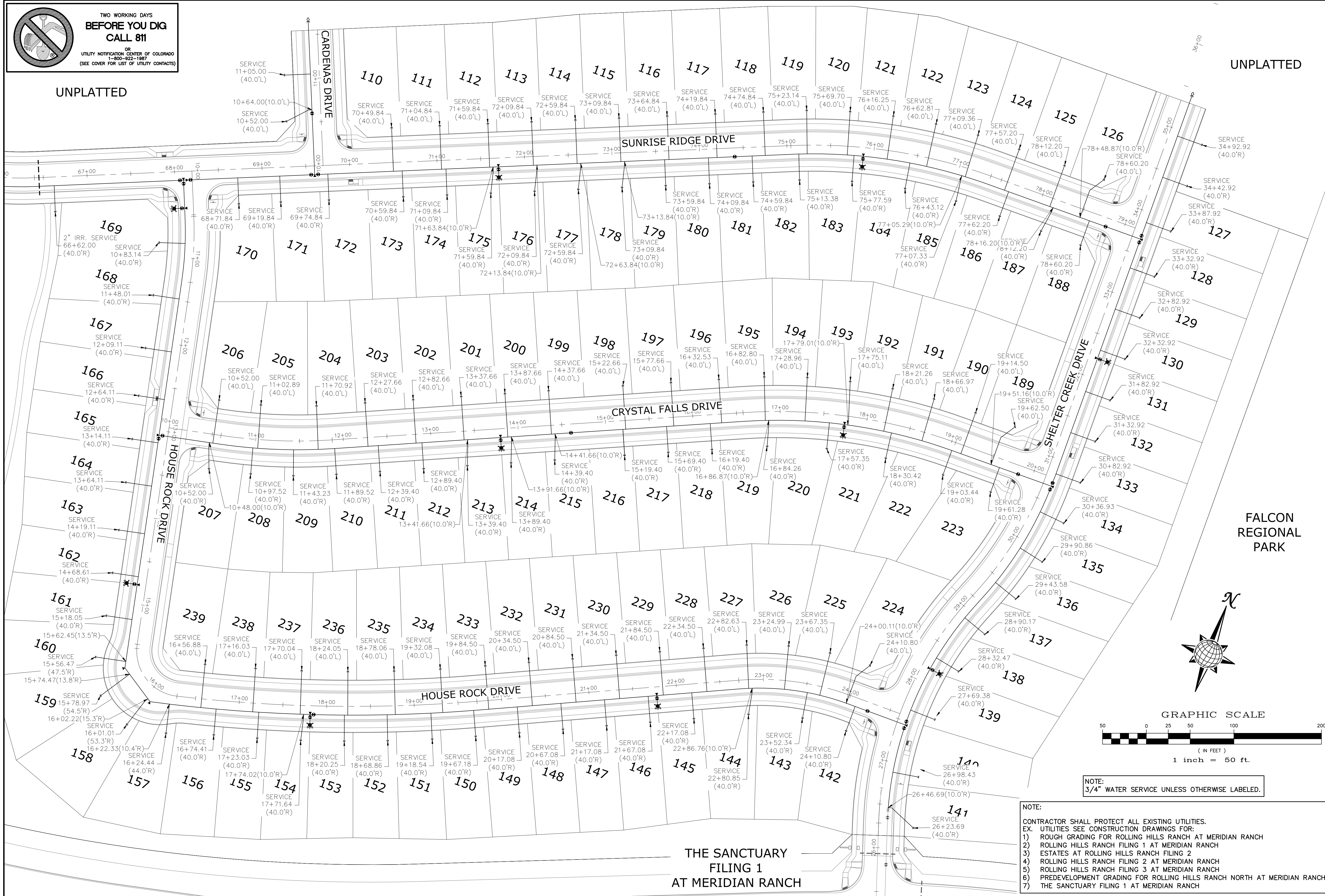


**TWO WORKING DAYS
BEFORE YOU DIG
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OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

UNPLATTED

UNPLATTED

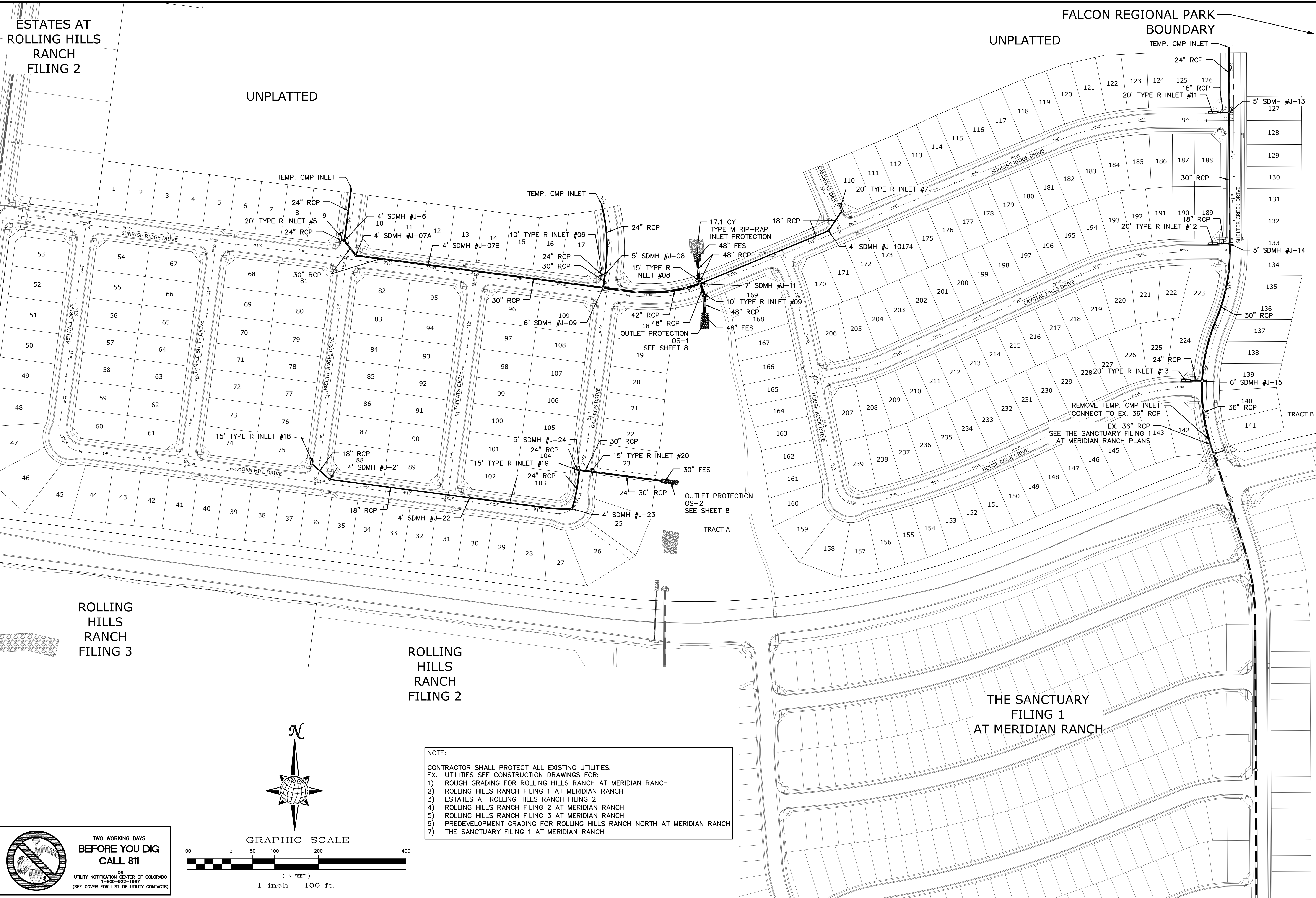


NOTE:
3/4" WATER SERVICE UNLESS OTHERWISE LABELED.

NOTE:
CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1) ROUGH GRADING FOR ROLLING HILLS RANCH AT MERIDIAN RANCH
2) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
3) ESTATES AT ROLLING HILLS RANCH FILING 2
4) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
5) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

**THE SANCTUARY
FILING 1
AT MERIDIAN RANCH**

Scale	AS SHOWN	27 of 37	Date	NOVEMBER 2023
Drawn by	LOG	Checked by	TAK	
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL WATER SERVICES				
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444				
MERIDIAN RANCH				
FALCON REGIONAL PARK				
UNPLATTED				
No.	1	2	3	4
Revisions				
Date				
Appr.				



ESTATES AT ROLLING HILLS RANCH FILING 2

UNPLATTED

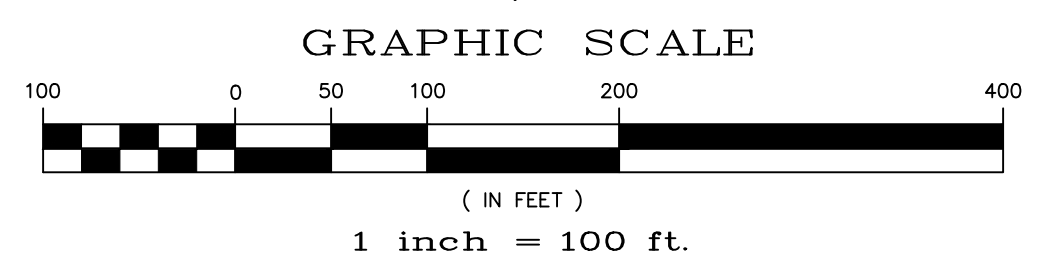
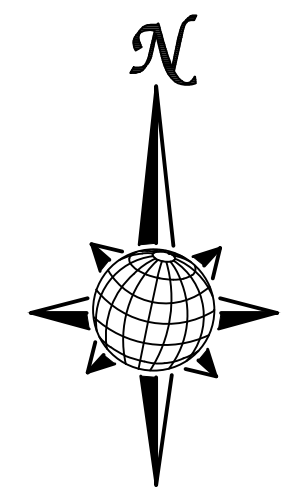
FALCON REGIONAL PARK UNPLATTED BOUNDARY

ROLLING HILLS RANCH FILING 3

ROLLING HILLS RANCH FILING 2

THE SANCTUARY FILING 1 AT MERIDIAN RANCH

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 OR
 UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-822-1987
 (SEE COVER FOR LIST OF UTILITY CONTACTS)

No.	Revisions	Date	Init.	Appr.	Date
1					
2					
3					
4					

TECH CONTRACTORS
 11910 TOURMALINE DR. #130
 FALCON, CO 80831
 TELEPHONE: 719.495.7444

MERIDIAN RANCH

ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL STORM DRAIN

Scale	AS SHOWN
Drawn by	LOG
Checked by	TAK
Date	NOVEMBER 2023

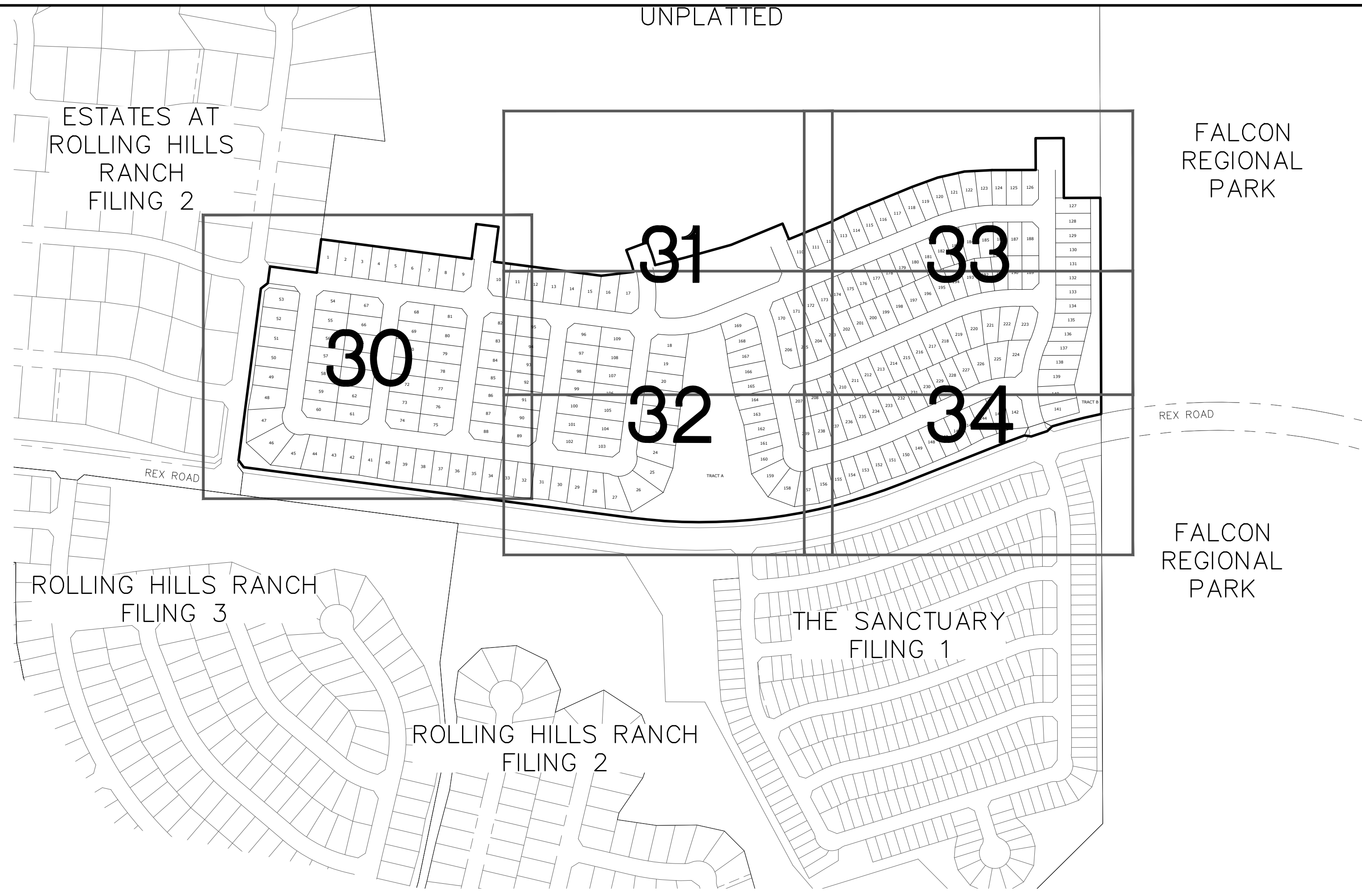
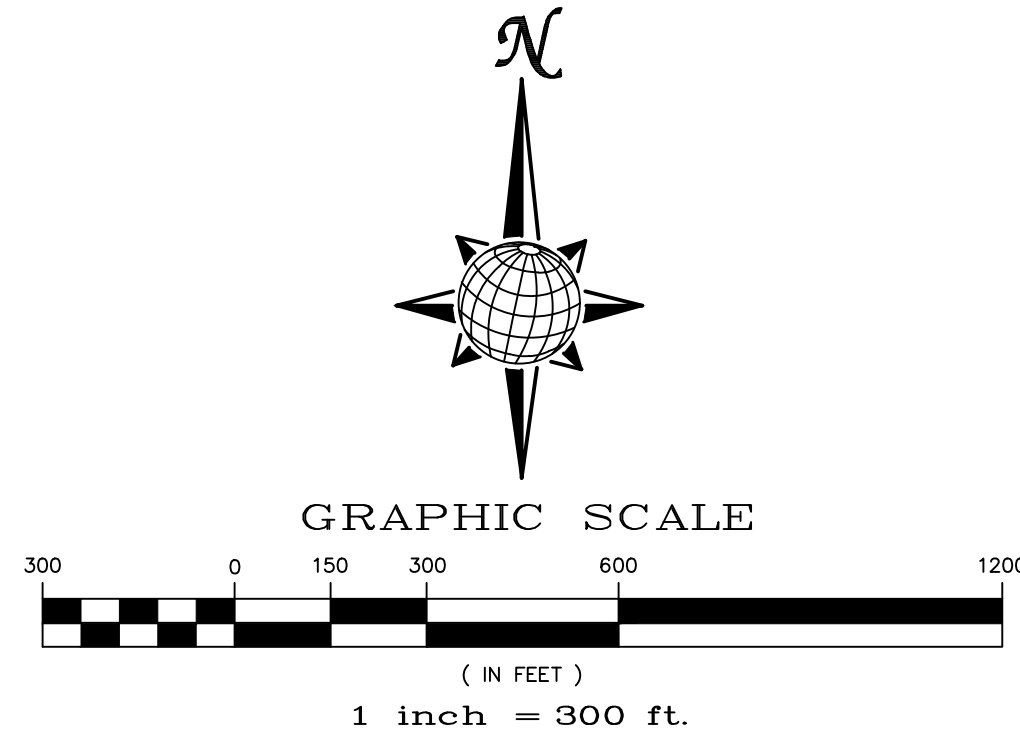
28 of 37

PCD PROJECT NO. SF--XX--XX

EL PASO COUNTY STANDARD NOTES:

- STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF SITE WATERS, INCLUDING WETLANDS.
- 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 TO REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
- A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON SITE AT ALL TIMES AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
- ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
- CONTROL MEASURES MUST BE INSTALLED PRIOR COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
- ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
- FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS, ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
- COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENEED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF SITE.
- CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
- DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WATER MAY BE DISCHARGED ON SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
- EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
- TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
- NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ONSITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ONSITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
- THE SOILS REPORTS FOR THIS SITE ARE ROLLING HILLS RANCH NORTH FILING 1 & 2 DATED APRIL 20, 2022 AND ROLLING HILLS RANCH DATED JULY 15, 2019 BOTH HAVE BEEN PREPARED BY ENTECH ENGINEERING, INC. AND SHALL BE CONSIDERED A PART OF THESE PLANS.
- AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
WATER QUALITY CONTROL DIVISION
WOOD - PERMITS
4300 CHERRY CREEK DRIVE SOUTH
DENVER, CO 80246-1530
ATTN: PERMITS UNIT



GEC Checklist Item bb - show all existing permanent storm water management facilities (show location of Pond G since it is providing treatment for the site).
Revised → POND G

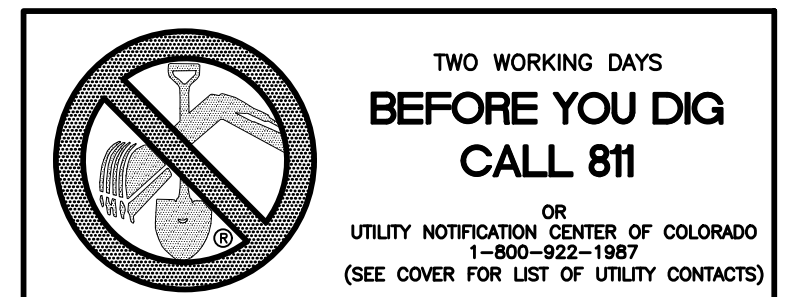
Show existing silt fence from Stage 1 on plans. Seeding has been established and there will be no existing silt fence from phase 1 at the time of construction of these plans.

Stage	Description	Control Measures	Begin Date	End Date
Stage 1	Overlot Grading	Silt fence & VTC Temporary Sed. Basins Swale Checks as needed Surface Roughening	June 2022	August 2022
Stage 2	Underground utilities Surface Improvements	Perimeter Control Inlet Protection	June 2024	August 2025
Stage 3	Home Construction	Inlet Protection Individual Lot Perimeter Control	August 2025	November 2026
Final Stabilization	Permit Close	Final Stabilization Permanent Seeding Permanent Measures	November 2026	

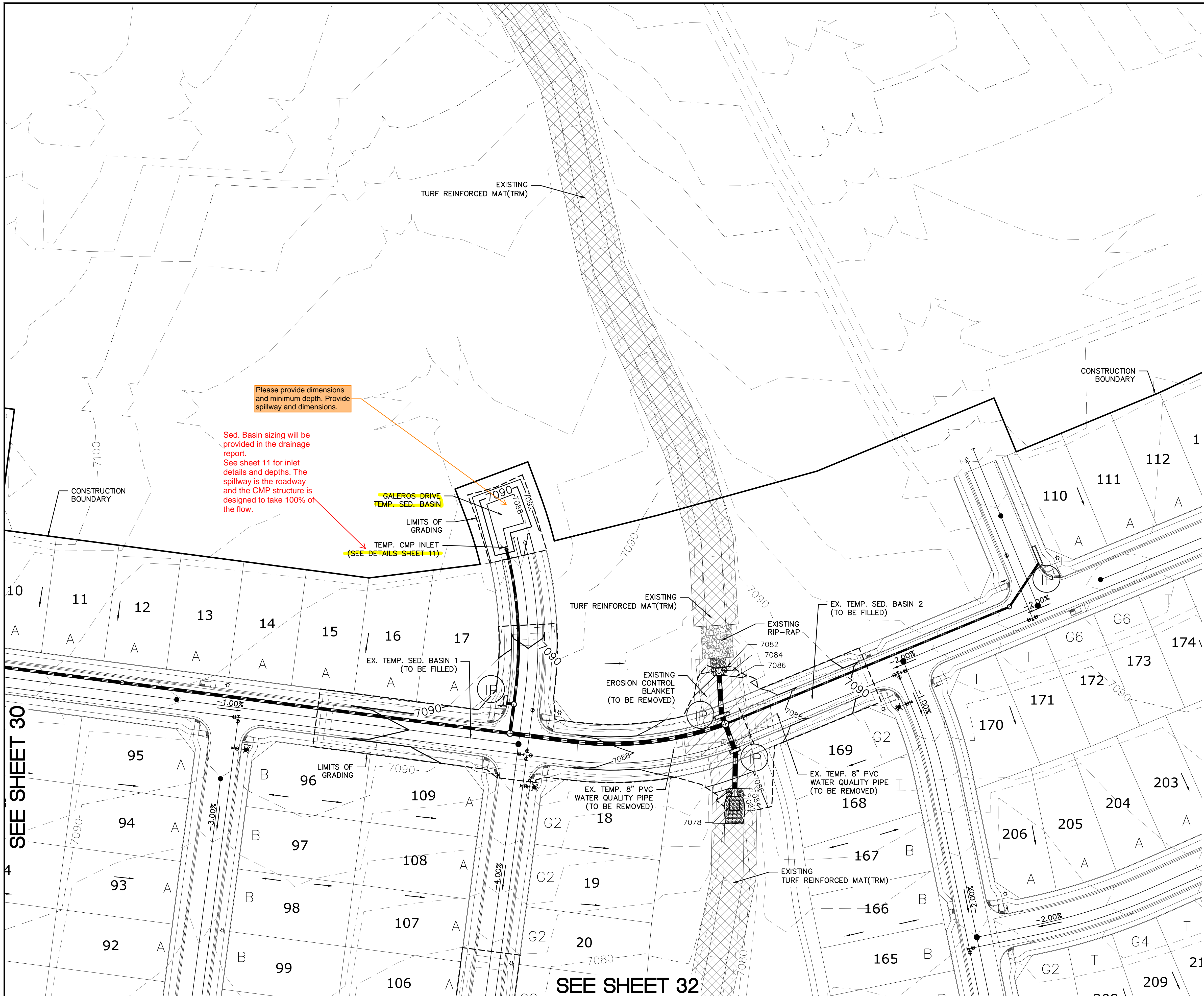
show permanent seeding on plans and in legend.

EARTHWORK QUANTITIES			
NET YARDS	BALANCE		
TOTAL STRIPPINGS	0.11 AC.	60 CY	
	CUT	FILL	
NET YARDS	2,590 CY	8,182 CY	
20% COMPACTION FACTOR			
NOTE: FILL WILL BE GENERATED FROM UTILITY INSTALLATION.			

- NOTE:
- TING VEGETATION ON THE PROJECT SITE AND THE IN SURROUNDING AREAS CONSISTS OF A MIXTURE OF LIVE GRASSES AND WEEDS WITH COVERAGE APPROXIMATING 70% DENSITY UNLESS OTHERWISE NOTED. SOME AS HAVE NEGLIGIBLE VEGETATIVE GROWTH AT THIS TIME AS THE SITE WAS PREVIOUSLY GRADED AND SEEDED OR USED AS A BUILDERS' STOCKPILE LOCATION. AREAS PREVIOUSLY GRADED HAS BEEN RE-SEEDED IN THE APPROVED COUNTY SEED MIX.
 - MATERIAL STORAGE, TOPSOIL STOCKPILES(EDFCD: MM-2), STAGING(UDFCD: SM-6), CONCRETE WASHOUT AND WASTE AREAS SHALL BE IDENTIFIED BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION AND ADJUSTED AS NECESSARY.
 - THERE IS NO CONCRETE BATCH PLANT ASSOCIATED WITH THIS PROJECT.
 - NO SLOPES GREATER THAN 3:1 ARE EXPECTED ON THIS SITE. SLOPES GREATER THAN 3:1 REQUIRE EROSION CONTROL BLANKET.
 - MIRIFI FABRIC TO BE PLACED BELOW ALL RIP-RAP.

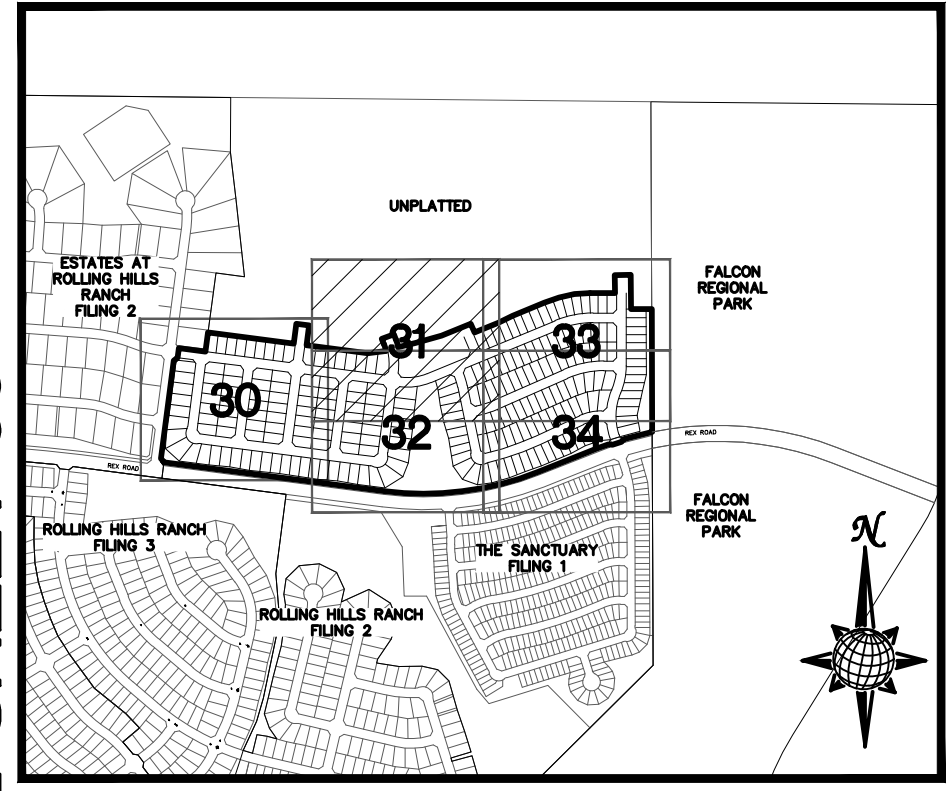


1	2	3	4	No.	Revisions	Date	Appr.
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444				 MERIDIAN RANCH			
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH GRADING/EROSION CONTROL PLAN							
Scale AS SHOWN				Drawn by Log			
29 of 37				Checked by TJK			
				Date NOVEMBER 2023			
				GRADING INDEX SHEET			



Please provide dimensions and minimum depth. Provide spillway and dimensions.

Sed. Basin sizing will be provided in the drainage report. See sheet 11 for inlet details and depths. The spillway is the roadway and the CMP structure is designed to take 100% of the flow.



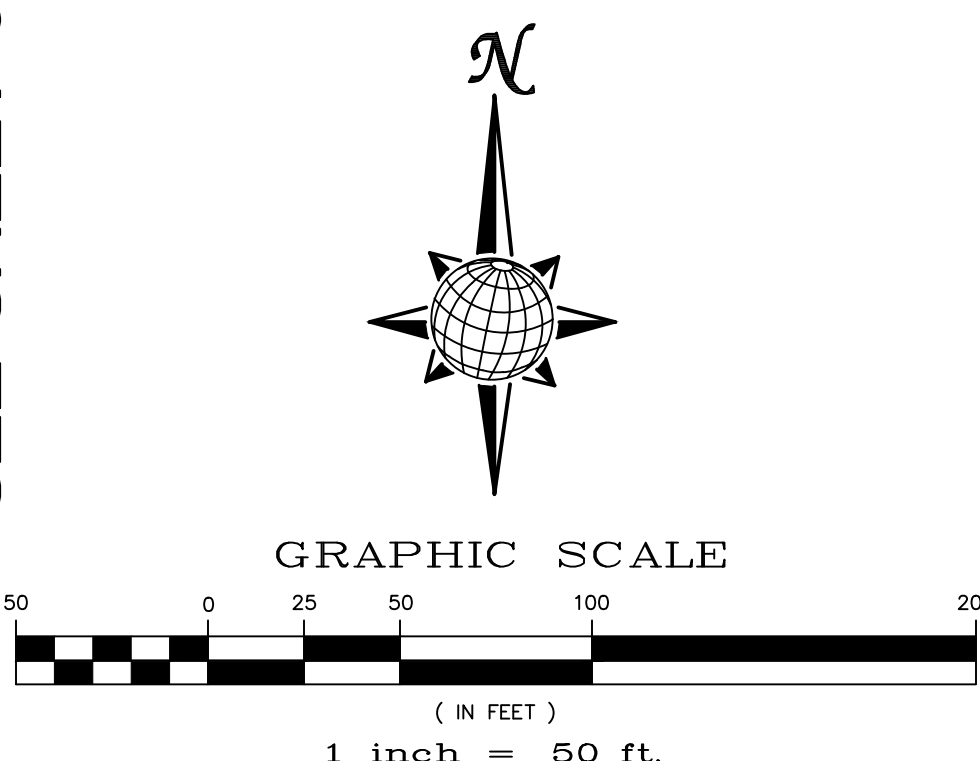
INDEX MAP N.T.S.

LEGEND

SYMBOL	ACRONYM	DESCRIPTION
		STRAW BALES PER DETAIL SHEET 37
		EX. EROSION WATTLES(UNLESS OTHERWISE NOTED) PER DETAIL SHEET 37
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	SF	SILT FENCE PER DETAIL SF-1, SF-2 & SF-3 DCM VOL. 2
	VTC	VEHICLE TRACKING CONTROL PER DETAIL VT-2 DCM VOL. 2
	IP	INLET PROTECTION PER DETAIL SHEET 37
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		CONSTRUCTION BOUNDARY
		FLOW DIRECTION
	2.00%	GRADE
	A	LOT GRADE TYPE
	75	LOT NUMBER

NOTE: ALL CONTOURS SHOWN WITHIN THE PLAN SET ARE TO FINISHED SURFACE. ALL STREET SECTIONS ARE TO BE GRADED TO ROUGH SUB-GRADE AS SHOWN IN THEIR RESPECTIVE TYPICAL STREET SECTION SHOWN ON SHEET 36.

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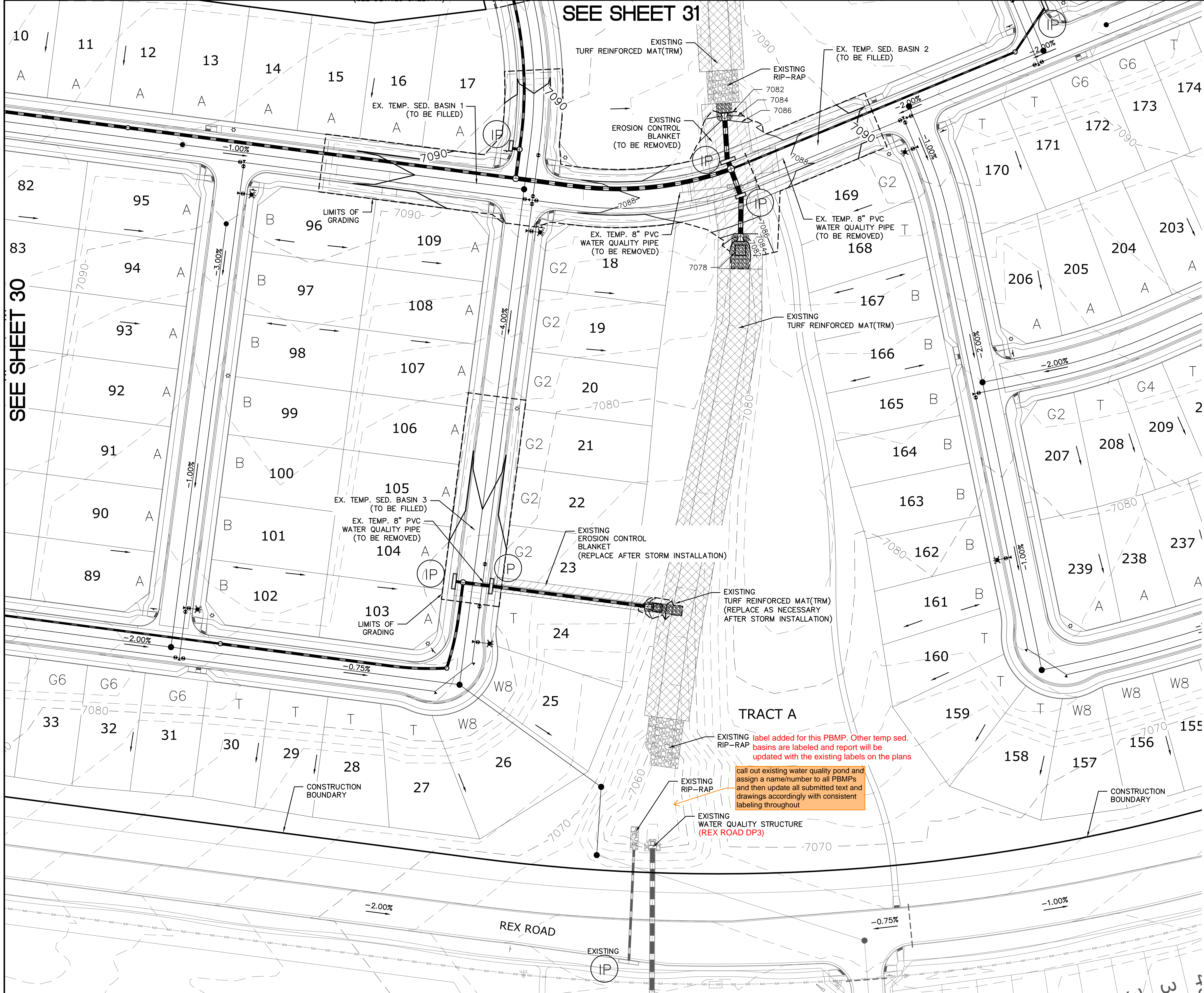


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1	2	3	4	No.	Revisions	Date	Appr.
Scale	AS SHOWN	31	of	37			
Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023		

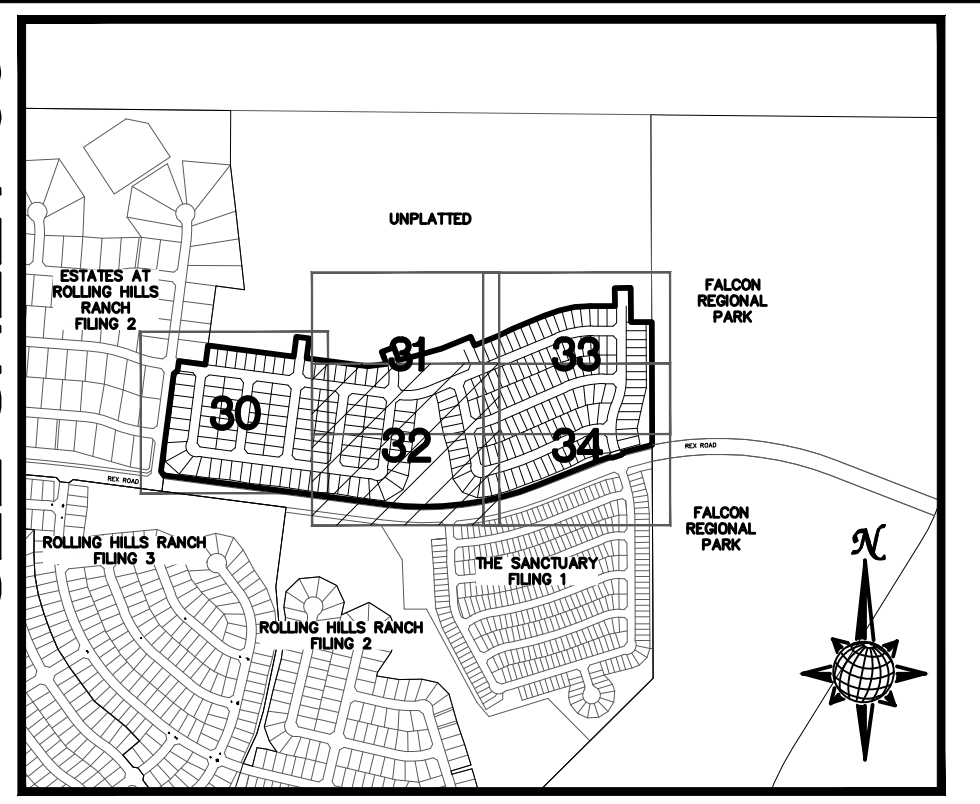
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SEE SHEET 31

SEE SHEET 33

SEE SHEET 34



INDEX MAP

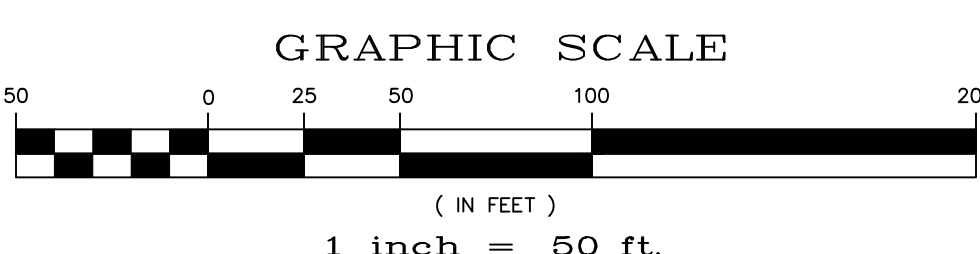
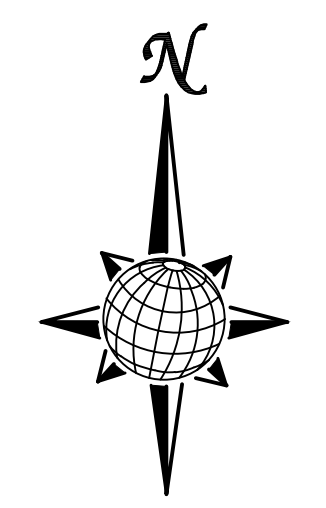
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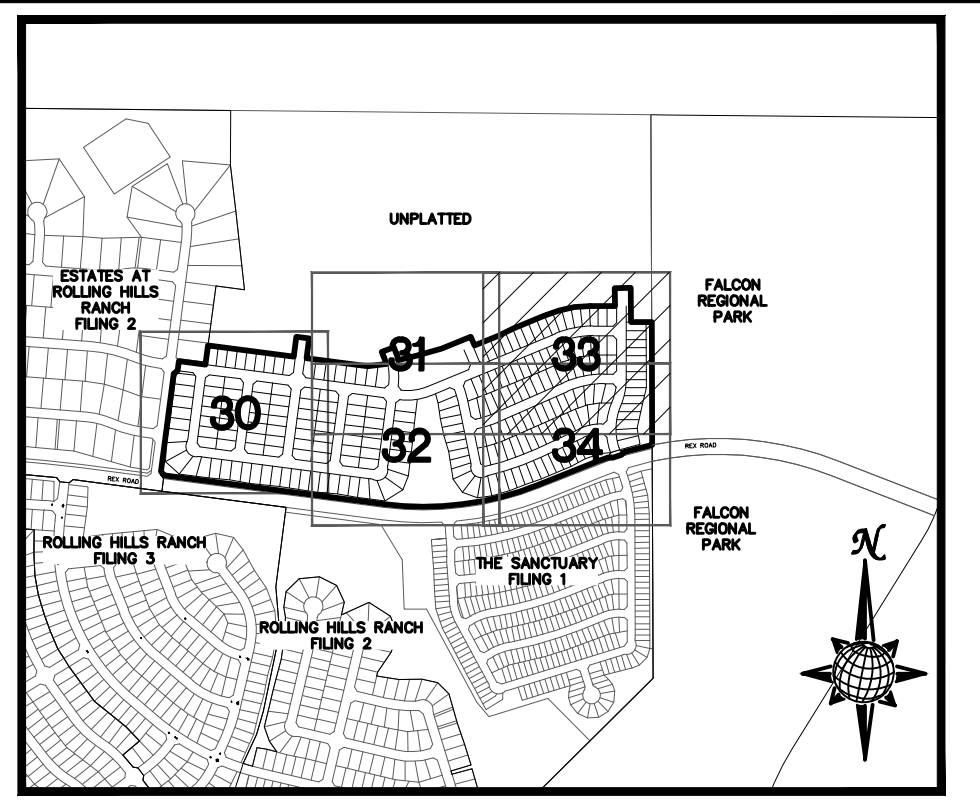
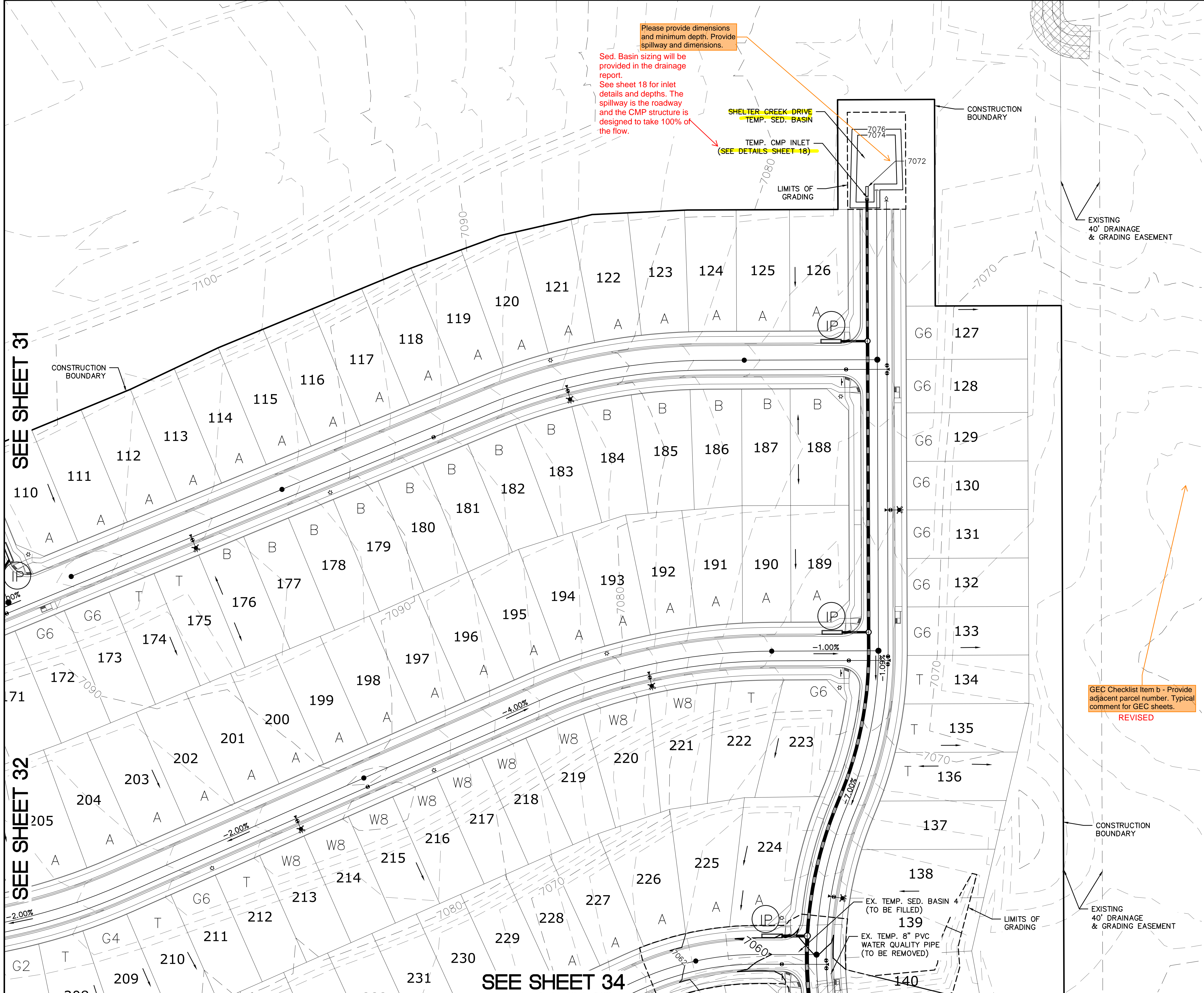


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Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023
Scale	AS SHOWN	32 of 37			

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		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		CONSTRUCTION BOUNDARY
		FLOW DIRECTION
		GRADE
	A	LOT GRADE TYPE
	75	LOT NUMBER

NOTE:
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CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES. EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
 1) ESTATES AT ROLLING HILLS RANCH FILING 2
 2) ROLLING HILLS RANCH FILING 3 AT MERIDIAN RANCH
 3) ROLLING HILLS RANCH FILING 2 AT MERIDIAN RANCH
 4) ROLLING HILLS RANCH FILING 1 AT MERIDIAN RANCH
 5) ROUGH GRADING FOR ROLLING HILLS RANCH
 6) PREDEVELOPMENT GRADING FOR ROLLING HILLS RANCH NORTH AT MERIDIAN RANCH
 7) THE SANCTUARY FILING 1 AT MERIDIAN RANCH

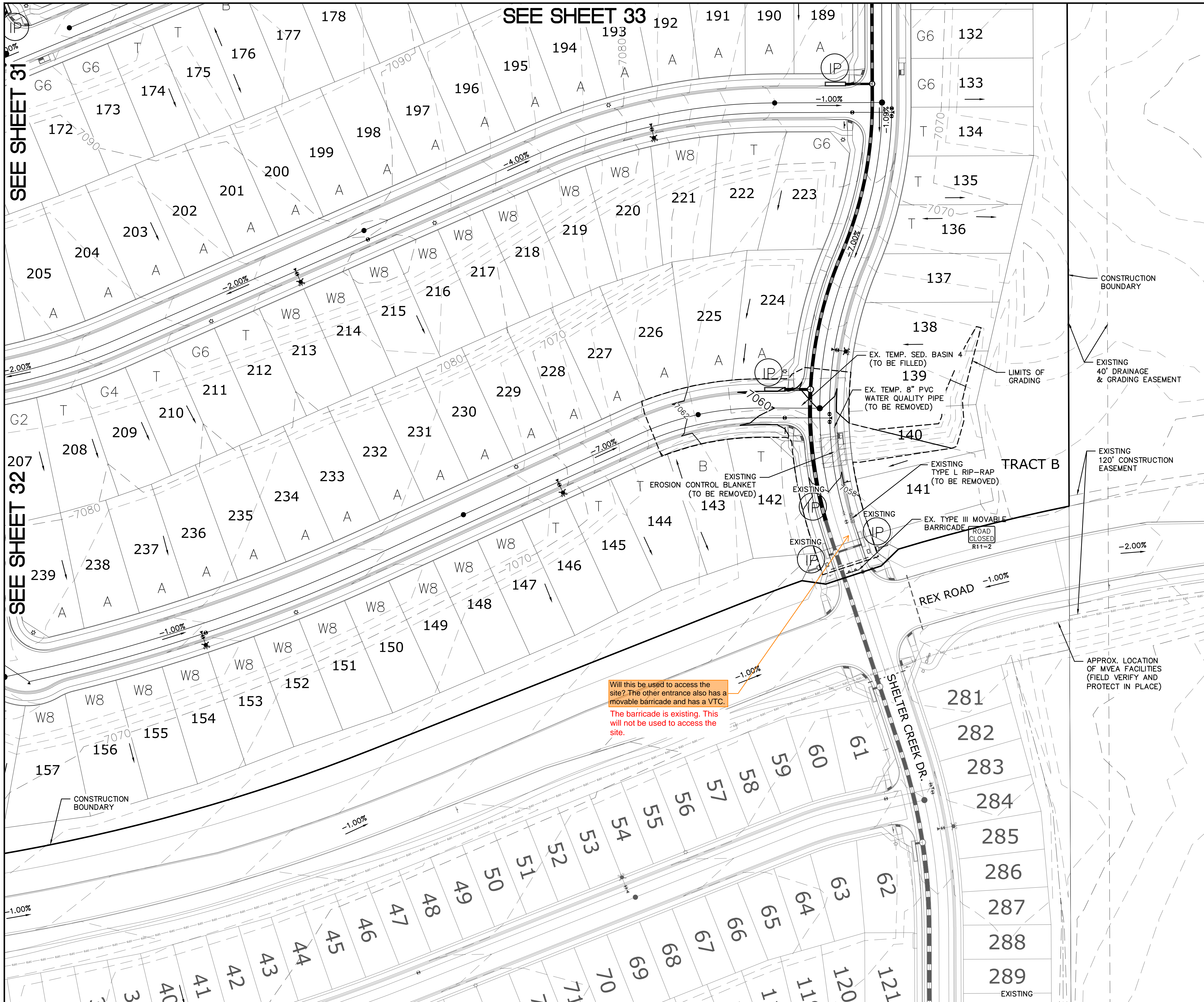
GEC Checklist item b - Provide adjacent parcel number. Typical comment for GEC sheets.
REVISED

GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

Scale AS SHOWN 33 of 37

BEFORE YOU DIG CALL 811
TWO WORKING DAYS
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

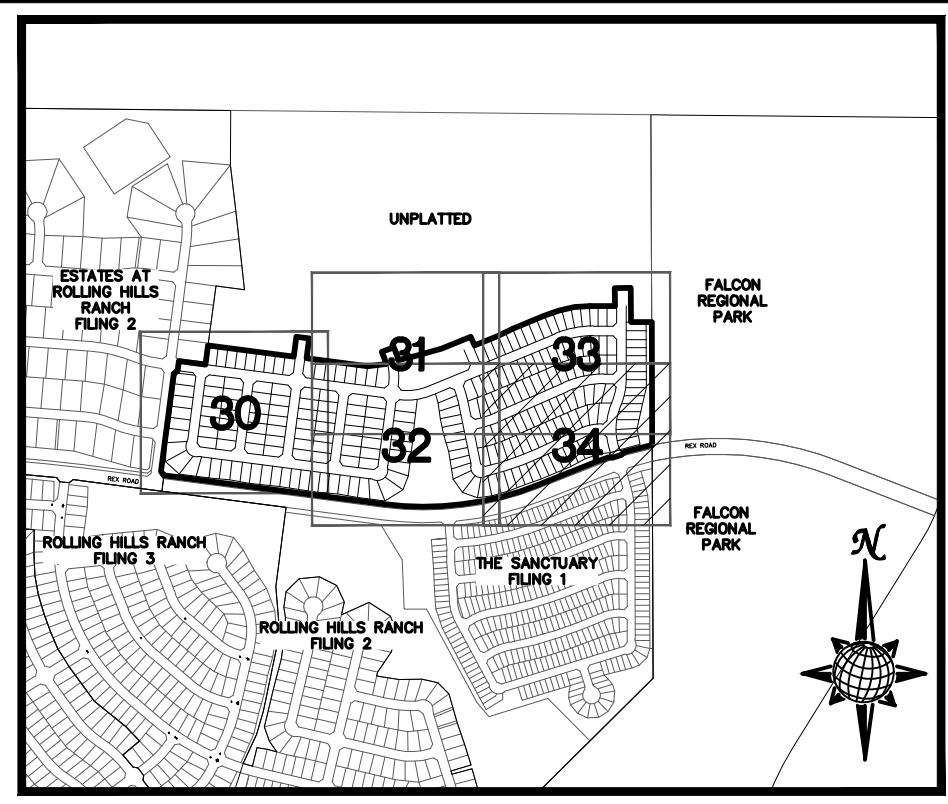
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444		MERIDIAN RANCH		ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH GRADING+EROSION CONTROL PLAN		PLAN SHEET	
Drawn by LOG	Checked by TAK	Date NOVEMBER 2023	Scale	AS SHOWN	33 of 37		
						Revisions	
No.	1	2	3	4			Date
Appr.							Date



SEE SHEET 31

SEE SHEET 32

SEE SHEET 33



INDEX MAP
N.T.S.

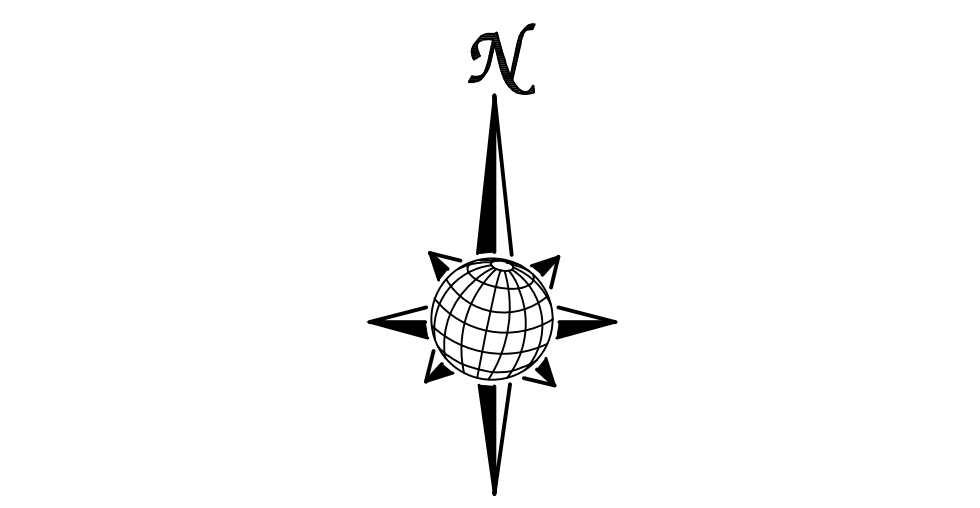
LEGEND

SYMBOL	ACRONYM	DESCRIPTION
		STRAW BALES PER DETAIL SHEET 37
		EX. EROSION WATTLES(UNLESS OTHERWISE NOTED) PER DETAIL SHEET 37
		EX. EROSION CONTROL BLANKET (UNLESS OTHERWISE NOTED) PER DETAIL ECB-1 & ECB-2 DCM VOL. 2
	RCP	REINFORCED CONCRETE PIPE
	SF	SILT FENCE PER DETAIL SF-1, SF-2 & SF-3 DCM VOL. 2
	VTC	VEHICLE TRACKING CONTROL PER DETAIL VT-2 DCM VOL. 2
	IP	INLET PROTECTION PER DETAIL SHEET 37
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		CONSTRUCTION BOUNDARY
		FLOW DIRECTION
	2.00%	GRADE
	A	LOT GRADE TYPE
	75	LOT NUMBER

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Will this be used to access the site? The other entrance also has a movable barricade and has a VTC. The barricade is existing. This will not be used to access the site.



Scale AS SHOWN 34 of 37
1 inch = 50 ft.

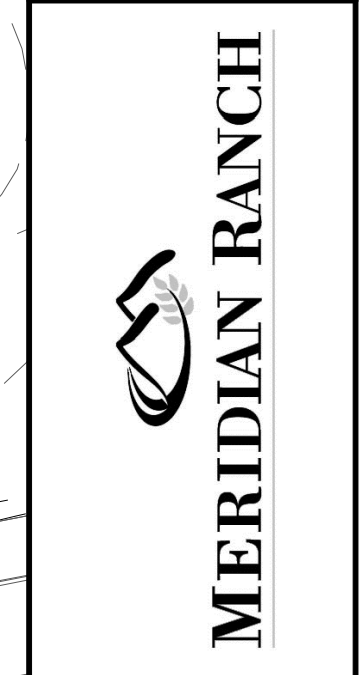
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OR
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1	2	3	4	No.	Revisions
TECH CONTRACTORS 11910 TOURMALINE DR. #130 FALCON, CO 80831 TELEPHONE: 719.495.7444					Date
MERIDIAN RANCH					Date
ROLLING HILLS RANCH NORTH FILING 1 AT MERIDIAN RANCH GRADING/EROSION CONTROL PLAN					Date
Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023
PLAN SHEET					Appr.



No.	Revisions	Date	Init.	Appr.	Date
1					
2					
3					
4					

TECH CONTRACTORS
 11910 TOURMALINE DR. #130
 FALCON, CO 80831
 TELEPHONE: 719.495.7444



ROLLING HILLS RANCH NORTH FILING 1
 AT MERIDIAN RANCH
 GRADING/EROSION CONTROL PLAN
 CUT-FILL SHEET

Drawn by	LOG
Checked by	TAK
Date	NOVEMBER 2023

Scale	AS SHOWN
	35 of 37

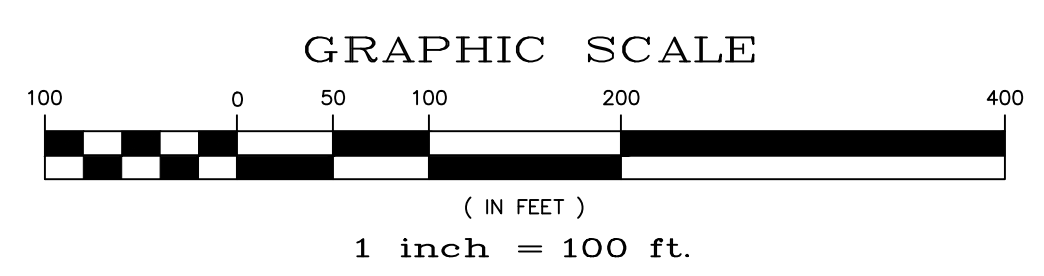
ROLLING HILLS RANCH
 FILING 3

ROLLING HILLS RANCH
 FILING 2

THE SANCTUARY
 FILING 1

FALCON
 REGIONAL
 PARK

UNPLATTED



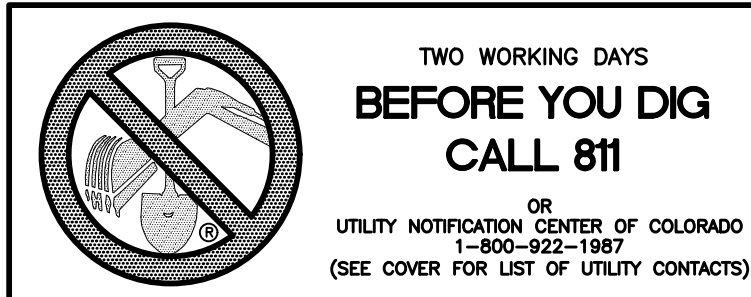
LEGEND:

- AREAS OF CUT
- AREAS OF FILL

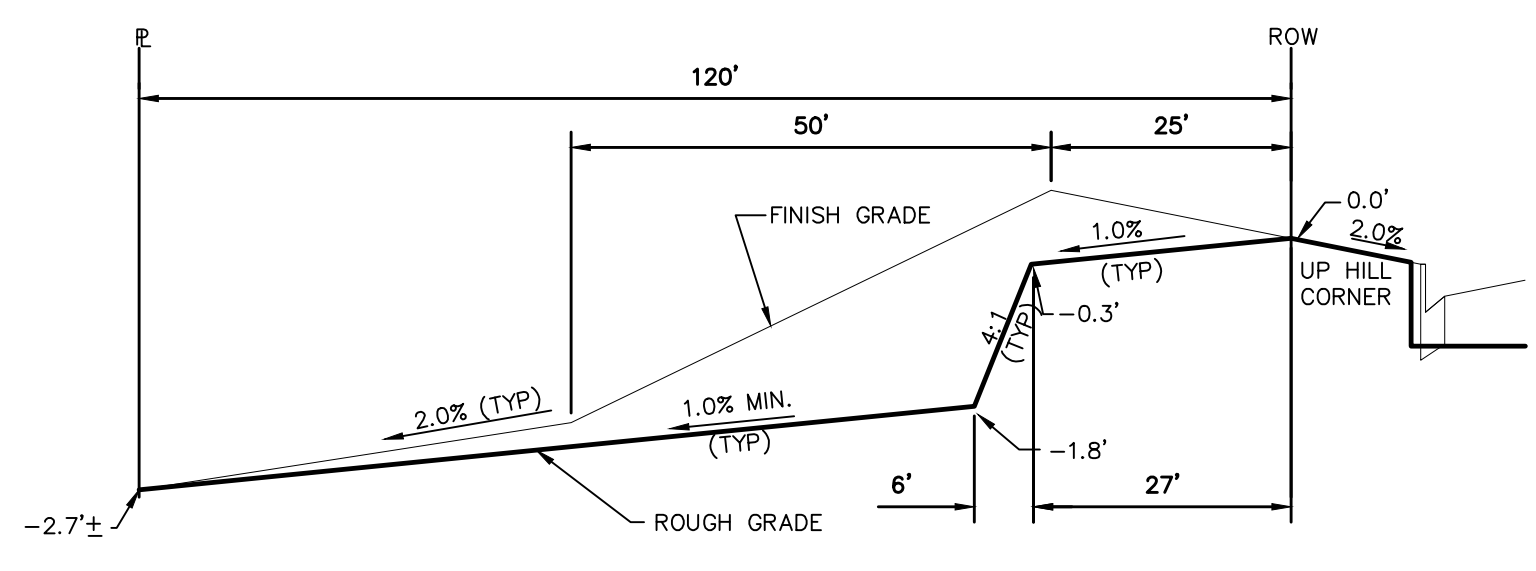
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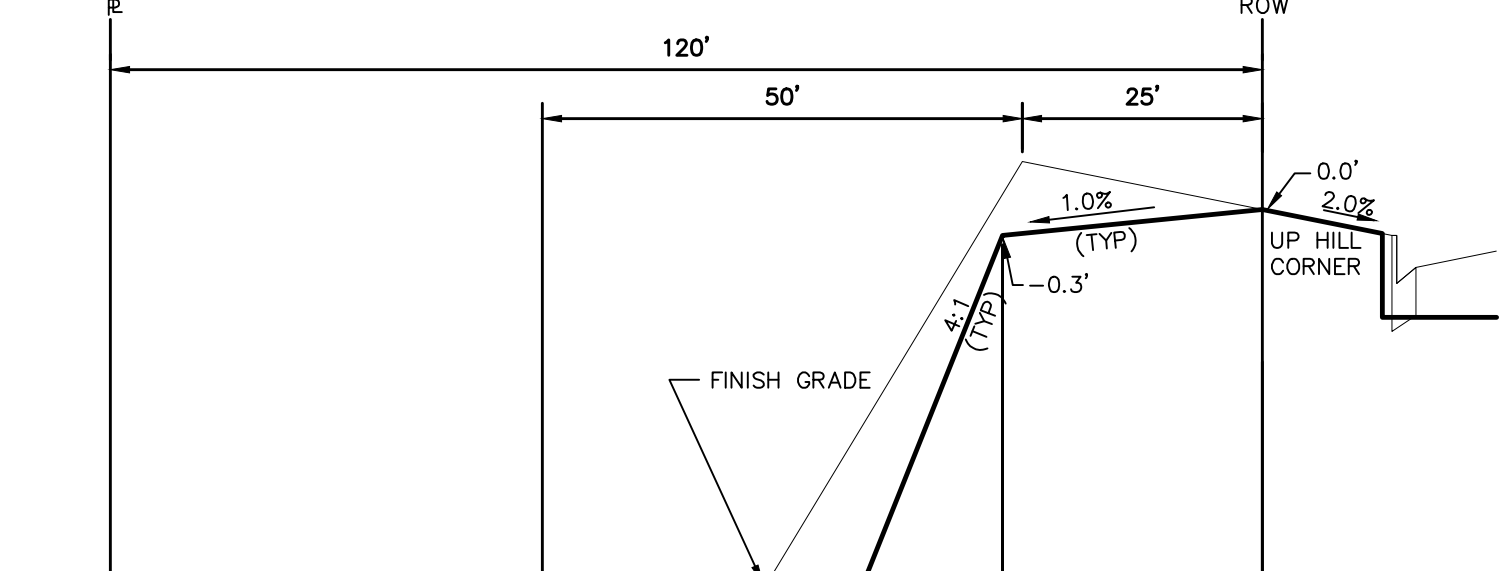
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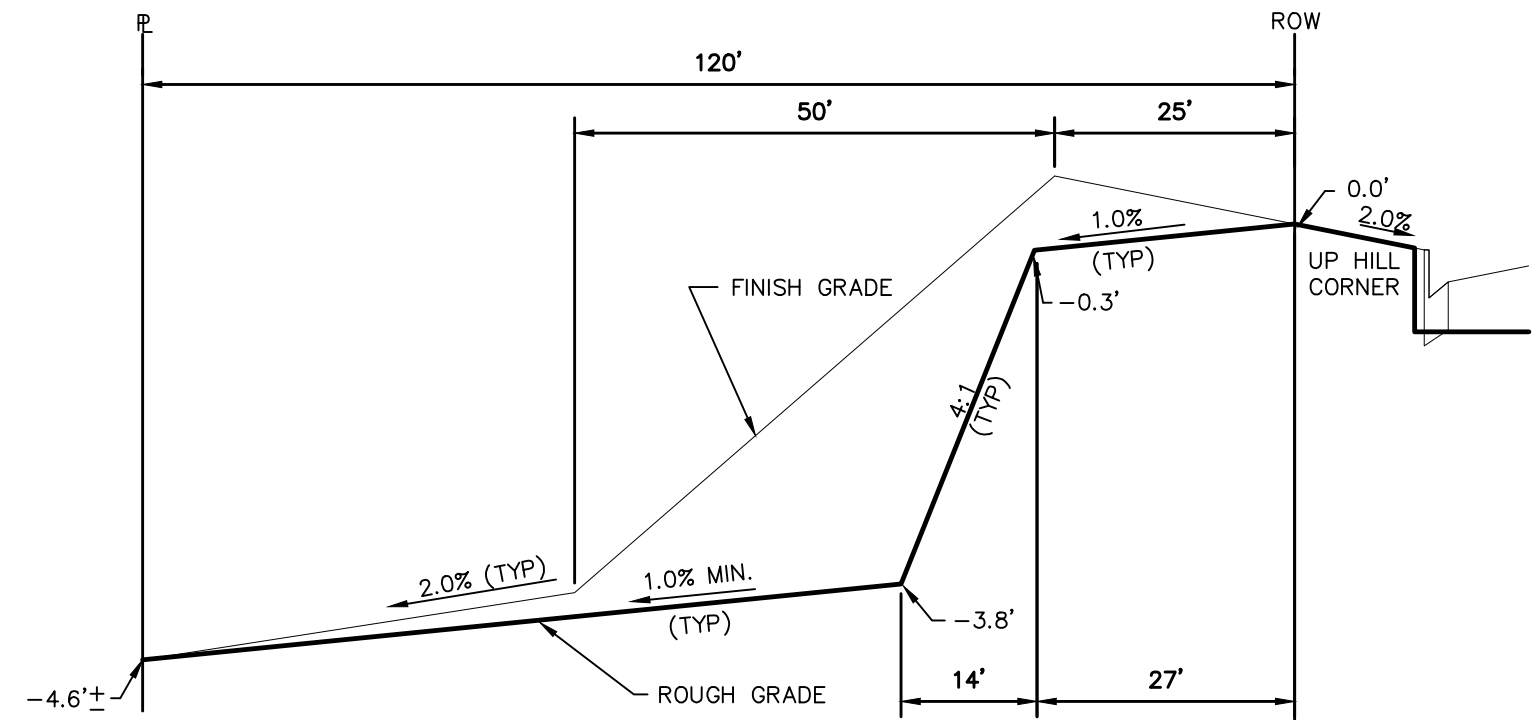
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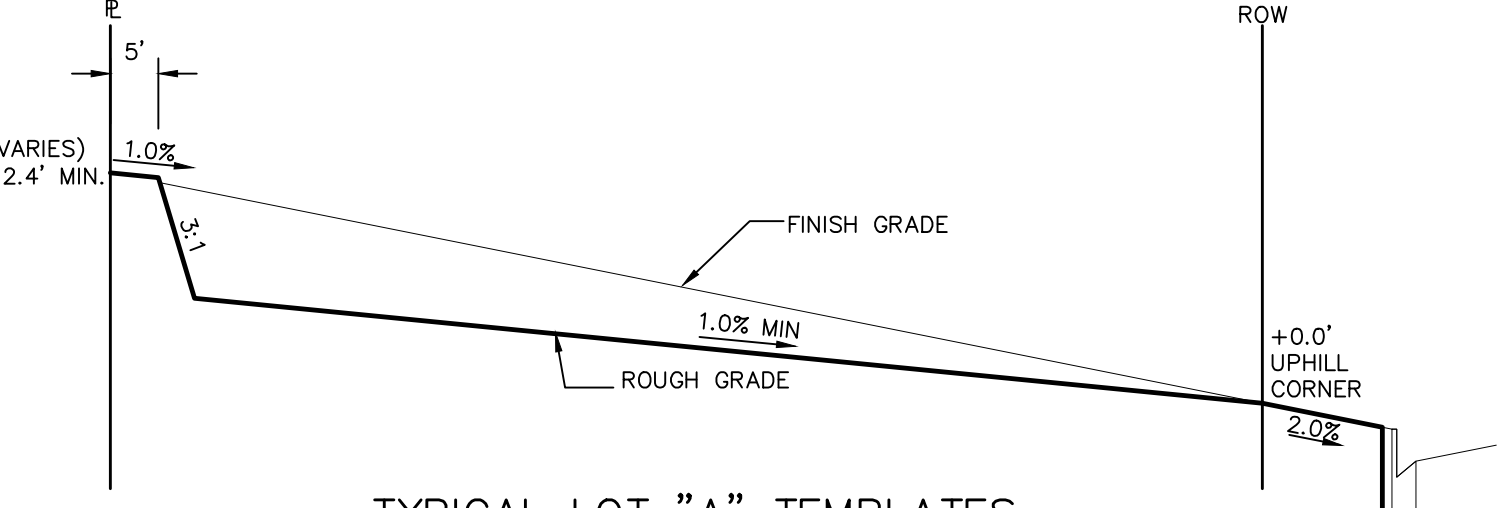
TYPICAL LOT "G2" TEMPLATES
NTS



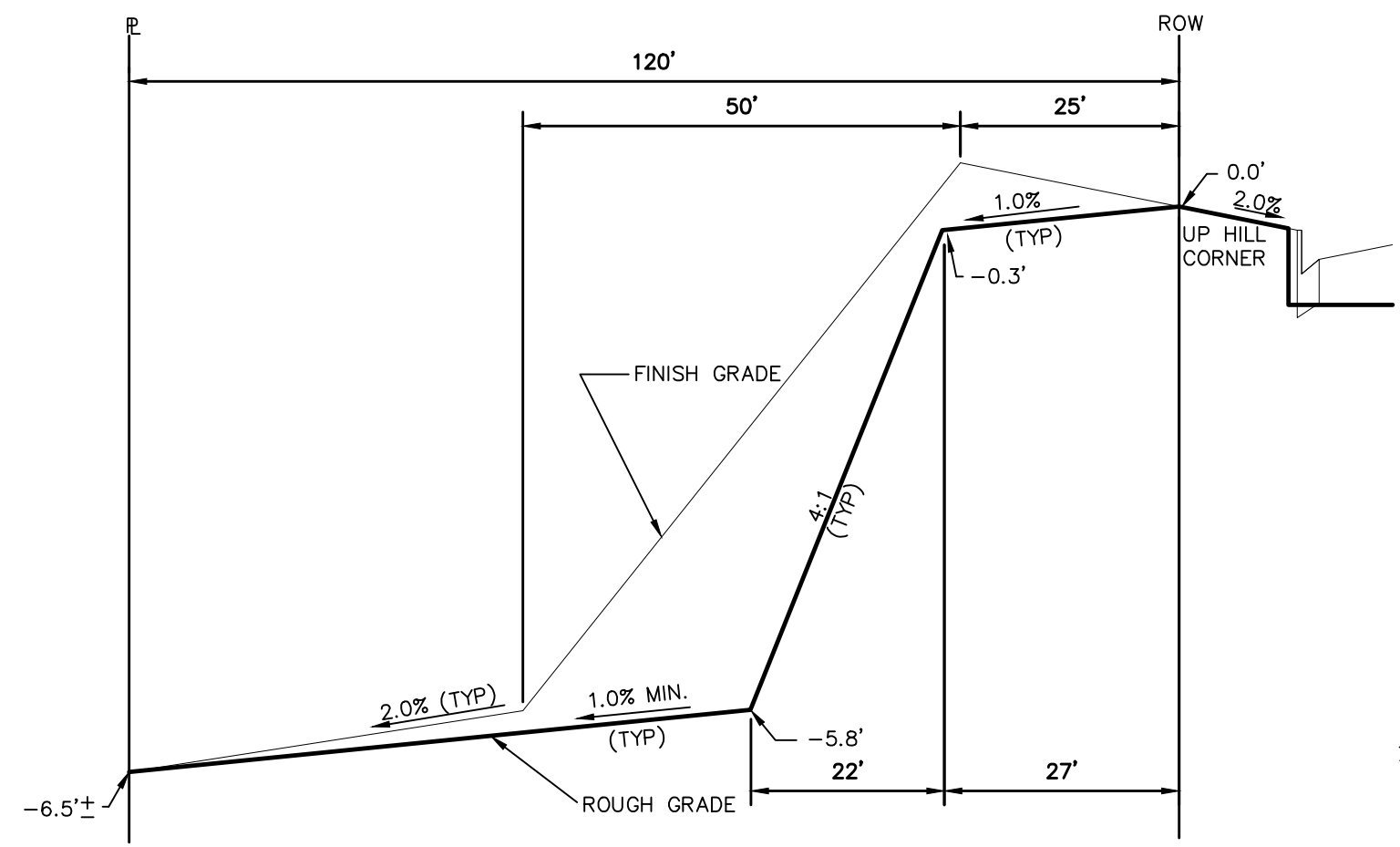
TYPICAL LOT "W8" TEMPLATES
NTS



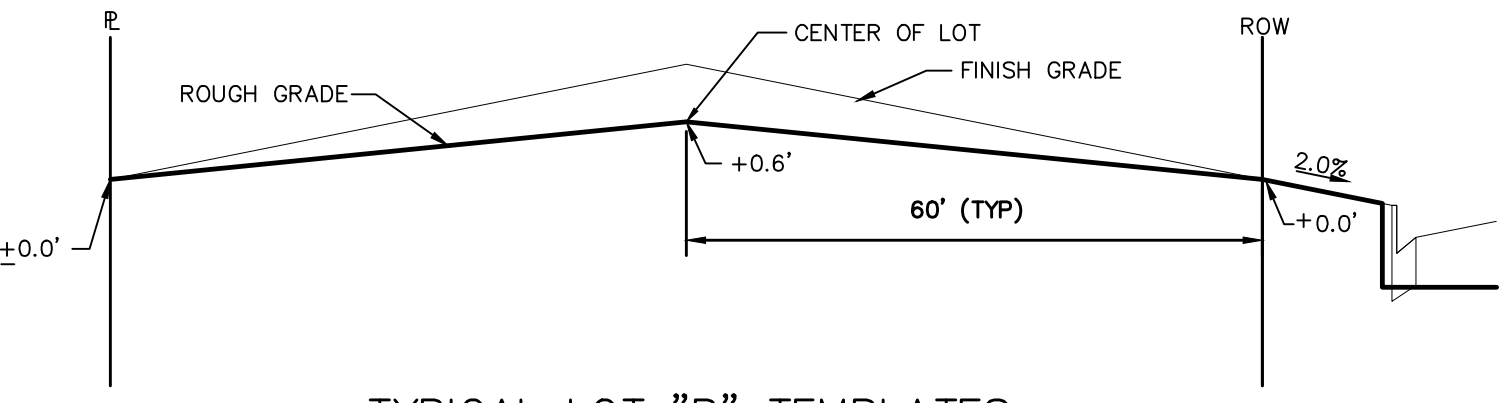
TYPICAL LOT "G4" TEMPLATES
NTS



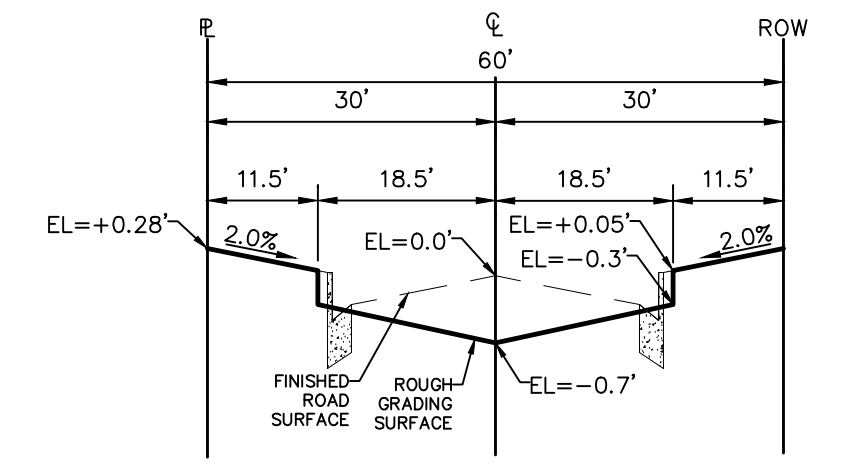
TYPICAL LOT "A" TEMPLATES
NTS



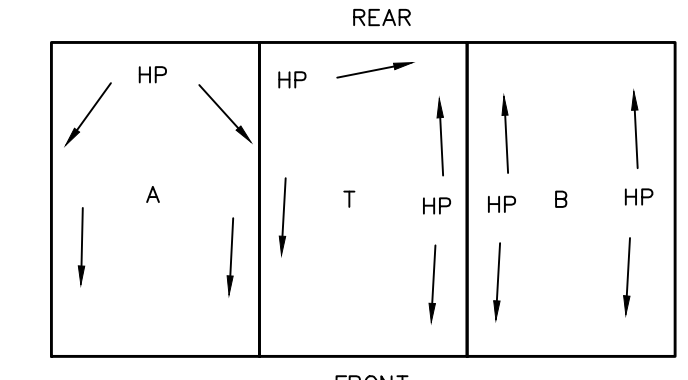
TYPICAL LOT "G6" TEMPLATES
NTS



TYPICAL LOT "B" TEMPLATES
NTS



TYPICAL RESIDENTIAL STREET SECTION
60' ROW
NTS



TYPICAL DRAINAGE PATTERN
NTS

NOTE: "T" IS A TRANSITION BETWEEN LOT TEMPLATES

STEPS FOR CONSTRUCTION

THE ANTICIPATED START FOR THIS PROJECT IS JUNE 2024 WITH AN ANTICIPATED COMPLETION DATE OF AUGUST 2025. BELOW IS A BRIEF OUTLINE OF THE CONSTRUCTION SEQUENCE FOR THIS PROJECT.

- * INSTALL INITIAL BMP'S
- * SANITARY SEWER
- * WATER
- * STORM SEWER AND CULVERTS
- * ELECTRIC
- * GAS
- * PHONE & CABLE TV
- * FINISHED ROAD GRADING AND PAVING

EROSION AND SEDIMENT CONTROLS

SILT FENCES AND STRAW BALE CHECK DAMS (OR APPROVED EQUAL) WILL BE INSTALLED PRIOR TO ANY EXCAVATION FOR THE MAJOR ROADS. STRAW BALE CHECK DAMS, FILTREX OR APPROVED EQUAL WILL BE PLACED AT ALL ENTRANCES AND EXITS OF DRAINAGE WAYS. STRAW BALES, FILTREX OR APPROVED EQUAL WILL BE INSTALLED AROUND THE OUTLET AND OVERFLOW STRUCTURE. THE OUTLET STRUCTURE WILL ALSO BE PROTECTED WITH RIPRAP ON THE DOWNSTREAM SIDE.

NON-STRUCTURE PRACTICES TO CONTROL EROSION AND SEDIMENTATION WILL INCLUDE RESEEDING OF GROUND COVER IN DISTURBED AREAS ACCORDING TO THE EROSION CONTROL PLAN. TEMPORARY SEEDING OF THE DETENTION POND AND MULCHING ALONG STEEP EMBANKMENTS WILL BE PERFORMED AS REQUIRED.

SILT FENCE IS REQUIRED TO BE IN PLACE PRIOR TO ANY MOVEMENT OF DIRT.

MATERIAL HANDLING AND SPILL PREVENTION

THE MOST PROBABLE SOURCE OF NON-STORMWATER POLLUTION IS REFUELING AND DAILY MAINTENANCE OPERATIONS. IF MOBILE FUEL TRUCKS ARE USED TO SERVICE EQUIPMENT, ABSORBENT MATERIALS AND CONTAINERS FOR THE STORAGE OF USED ABSORBENT MATERIAL WILL BE CLOSE BY. IF A FUEL TANK IS LEFT ON SITE, BERMS WILL BE BUILT AROUND THE TANK TO CAPTURE ANY SPILLED FUEL. AGAIN, ABSORBENT MATERIALS AND THEIR CONTAINERS WILL BE ON HAND.

THERE ARE NO DEDICATED ASPHALT OR CONCRETE BATCH PLANTS PLANNED ON SITE.

FINAL STABILIZATION AND LONG TERM STORMWATER MANAGEMENT

ONCE THE MAJOR ROADS ARE PAVED AND THE SURROUNDING DISTURBED AREAS ARE 70% ESTABLISHED WITH VEGETATION AND ACCEPTANCE BY THE MERIDIAN RANCH SERVICE DISTRICT, THE CHECK DAMS AND THE SILT FENCES AROUND THE STREETS CAN BE REMOVED. AFTER COMPLETION OF THE STORM SEWER SYSTEM, THE STRAW BALES AND/OR FILTREX CAN BE REMOVED. AFTER ALL GROUND DISTURBING CONSTRUCTION HAS BEEN COMPLETED AND ALL SLOPES ARE 70% ESTABLISHED WITH VEGETATION AND ACCEPTANCE BY THE MERIDIAN RANCH SERVICE DISTRICT, REMAINING CHECK DAMS AND SILT FENCES CAN BE REMOVED. THE RIPRAP ON ANY OF THE OUTLETS WILL REMAIN AFTER CONSTRUCTION TO REDUCE EROSION OF THE CHANNELS. ALL PERMANENT SWALES WILL BE LINED WITH LANDSCAPING TO SLOW RUNOFF AND FILTER SEDIMENTS.

OTHER CONTROLS

- THERE ARE SEVERAL BEST MANAGEMENT PRACTICES THAT CAN BE EMPLOYED TO PREVENT OR MITIGATE THE SOURCE OF POLLUTANTS AND CONTAMINATION OF STORMWATER RUNOFF. SOME OF THESE ARE:
- * ALL REFUSE DUMPSTERS AND RECEPTACLES SHALL BE EQUIPPED WITH FUNCTIONAL LIDS TO PREVENT RAIN AND SNOW FROM ENTERING.
 - * STORAGE CONTAINERS, DRUMS AND BAGS SHALL BE STORED AWAY FROM DIRECT TRAFFIC ROUTES TO PREVENT ACCIDENTAL SPILLS.
 - * EMPTY DRUMS SHALL BE COVERED TO PREVENT COLLECTION OF PRECIPITATION.
 - * CONTAINERS SHALL BE STORED ON PALLETS OR OTHER DUNNAGE TO PREVENT CORROSION OF CONTAINERS, WHICH CAN RESULT WHEN CONTAINERS COME IN CONTACT WITH MOISTURE ON THE GROUND.
 - * REGULARLY SCHEDULED REMOVAL OF CONSTRUCTION TRASH AND DEBRIS.
- THE CONTRACTOR IS CERTAINLY NOT LIMITED TO THESE GOOD HOUSEKEEPING MEASURES, AND MAY IMPLEMENT FURTHER CONTROLS AS PRUDENCE AND GOOD JUDGEMENT DEEM NECESSARY.

INSPECTION AND MAINTENANCE

- A THOROUGH INSPECTION OF THE STORMWATER MANAGEMENT SYSTEM SHALL BE PERFORMED EVERY 14 DAYS AS WELL AS AFTER ANY RAIN OR SNOWMELT EVENT THAT CAUSES SURFACE EROSION:
- * EROSION OF V-NOTCH SWALES, CHANNELS AND SIDE SLOPES SHALL BE REPAIRED.
 - * WHEN THE CHECK DAMS HAVE SILTED UP TO HALF THEIR HEIGHT, THE SILT SHALL BE REMOVED, CHANNEL GRADE REESTABLISHED, AND SIDE SLOPES RE-SEEDED IF NECESSARY. ANY CHECK DAMS THAT HAVE SHIFTED OR DECAYED SHALL BE REPAIRED OR REPLACED.
 - * SILT FENCES SHALL BE CLEANED WHENEVER SEDIMENT HAS REACHED A DEPTH OF 6" AT THE FENCE, AND BROKEN WOODEN PARTS OR TORN FABRIC SHALL BE REPAIRED OR REPLACED.
 - * ANY ACCUMULATED TRASH OR DEBRIS SHALL BE REMOVED FROM OUTLETS.
 - * IF THE DEPTH OF THE SILT IN THE TEMPORARY SEDIMENTATION TRAP EXCEEDS 1/2 OF THE ORIGINAL DEPTH, THE TRAP SHALL BE CLEANED OUT AND RESTORED TO ITS ORIGINAL DEPTH. THE OVERFLOW SPILLWAY SHALL BE CLEANED OR REPAIRED AS NECESSARY.
- AN INSPECTION AND MAINTENANCE LOG FOLLOWS THIS STORMWATER MANAGEMENT PLAN.

REVEGETATION AND SEEDING

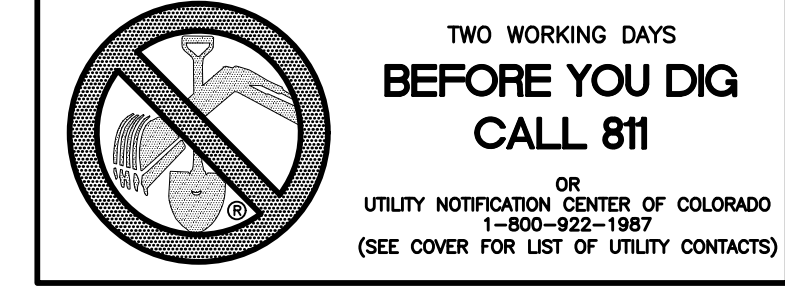
ALL DISTURBED AREAS SHALL BE REQUIRE SEEDING WITHIN TWO (2) WEEKS FOLLOWING THE ESTABLISHMENT OF FINAL GRADE. AREAS TO RECEIVE PAVEMENT DURING THE CONSTRUCTION OF THE ROAD SYSTEM SHALL NOT RECEIVE ANY SEEDING. SEEDING SHOULD BE ACCOMPLISHED USING AN APPROPRIATE GRASS DRILL, BY BROADCASTING OR BY HYDROMULCHING. IF SEEDING BY THE BROADCAST METHOD IS SELECTED THE APPLICATION RATE SHOULD BE DOUBLED. IF HYDROMULCHING IS SELECTED TWO OPERATIONS SHOULD BE CONSIDERED, APPLYING THE SEED FIRST AND THE MULCH IN A SECOND OPERATION. UPON COMPLETION OF THE SEEDING OPERATION THE SITE SHOULD BE COVERED WITH WEED FREE MULCH AT A RATE OF 4,000 LBS. PER ACRE. MULCH SHALL BE INSTALLED PER DCM VOLUME 2, FIGURE MU-1, FOUND ON PAGE 3-30.

BELOW IS THE ACCEPTED GRASS MIX FOR SANDY SOILS:

GRASS	VARIETY	AMOUNT IN PLS LBS. PER ACRE
SIDEOTS GRAMA	EL RENO	3.0
WESTERN WHEATGRASS	BARTON	2.5
SLENDER WHEATGRASS	NATIVE	2.0
LITTLE BLUESTERN	PASTURA	2.0
SAND DROPSEED	NATIVE	0.5
SWITCH GRASS	NEBRASKA	3.0
WEEPING LOVE GRASS	MORPHA	1.0

NOTE:

"FINISH GRADE" IN THE TEMPLATES ARE ONLY APPROXIMATE GRADES. ACTUAL FINISHED GRADES WILL VARY DEPENDING ON INDIVIDUAL HOME PLOT PLANS. PLOT PLANS SHALL CLOSELY FOLLOW THE FINISH GRADE PATTERNS SHOWN IN THE TEMPLATES WITHOUT ADVERSELY AFFECTING THE GRADES AND DRAINAGE PATTERNS OF NEIGHBORING LOTS OR TRACTS. CONTOURS SHOWN ON THESE PLANS ARE ROUGH GRADES AND WILL CHANGE WITH EVERY HOME CONSTRUCTION. FIELD VERIFY ALL GRADES PRIOR DESIGN OF INDIVIDUAL HOME PLOT PLANS.



1	2	3	4	No.	Revisions	Date	Appr.
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Drawn by	LOG	Checked by	TAK	Date	NOVEMBER 2023		
Scale	AS SHOWN			36	of 37		

