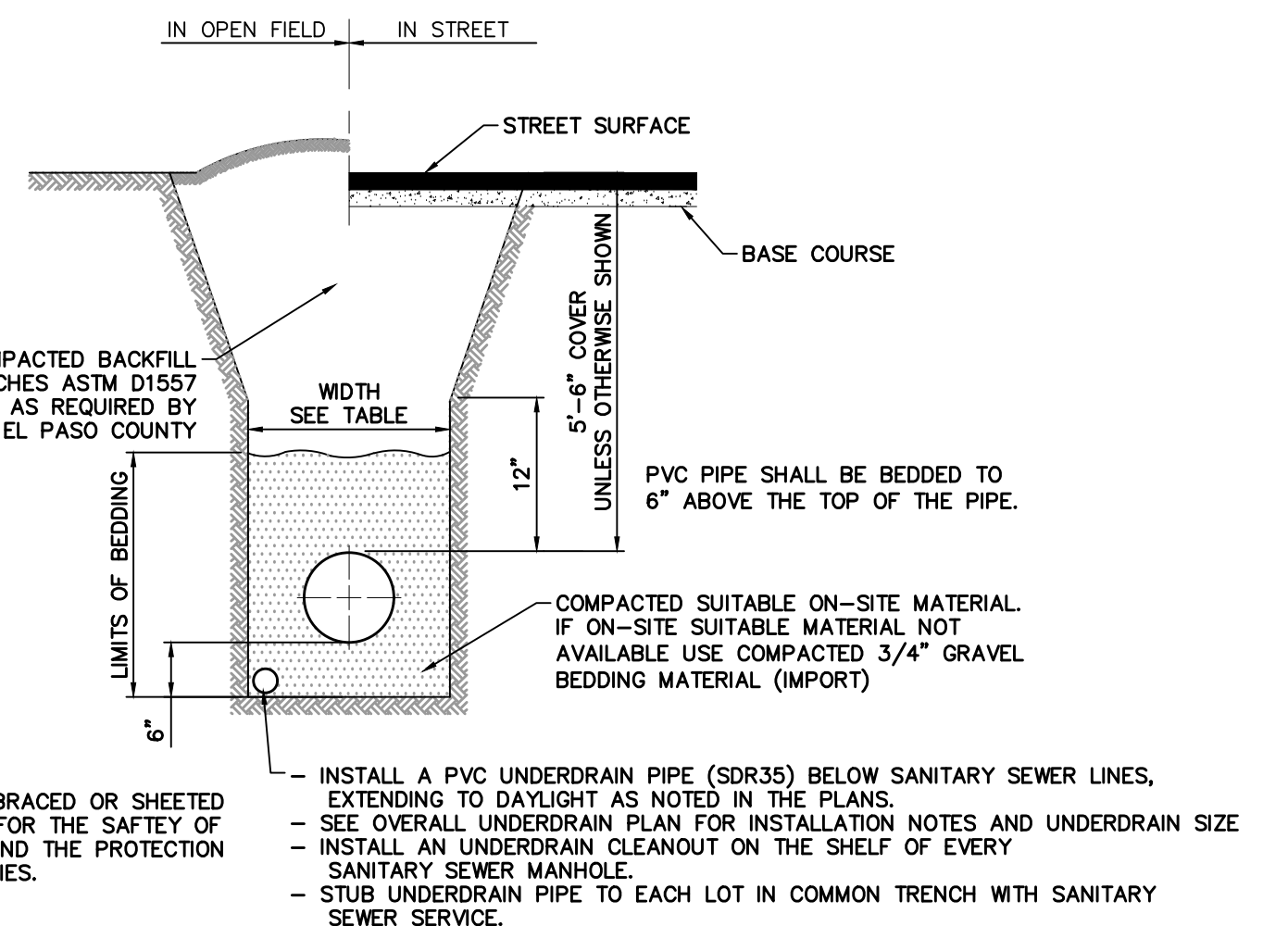


NOTES:

1. FIRE HYDRANTS SHALL BE AVM MODEL 2780 NALCO OPEN RIGHT WITH A 1 1/2" PENTAGON OPERATING NUT AND SERVICE CAPS, STANDARD 4" PUMPER NOZZLE WITH A THREAD PATTERN OF 5-3/8"-6 TP(THREADS PER INCH) ALONG WITH TWO STANDARD 2 1/2" NTS(NATIONAL STANDARD THREAD) SIZE NOZZLES.
2. HYDRANT SHALL BE INSTALLED PLUMB IN ALL DIRECTIONS.
3. MECHANICAL JOINT RESTRAINTS. SEE COLORADO SPRINGS UTILITIES FOR MECH. JOINT PIPE RESTRAINT SPECIFICATIONS.
4. SEE COLORADO SPRINGS UTILITIES FOR MECH. JOINT PIPE RESTRAINTS SPECIFICATIONS.
5. FINAL TOP OF FLANGE ELEVATION TO BE 10.8 INCHES ABOVE TOP BACK OF CURB (TBC). WATERMAIN CONTRACTOR TO ADJUST HYDRANTS AS NECESSARY AFTER INSTALLATION OF CURB AND GUTTER TO ACHIEVE PROPER FINISHED ELEVATION.
6. NO OBSTRUCTIONS TO BE CONSTRUCTED IN FRONT OF THE FIRE HYDRANT.
7. PROVIDE 12" OF 1/2" MAGNESIUM ANODE AND TEST STATION AT EACH HYDRANT PER ANNUAL MERIDIAN SERVICE METROPOLITAN DISTRICT STANDARD NOTES.
8. HYDRANT SHALL BE PAINTED WITH RUSTOLEUM 659 SAFETY YELLOW PRIOR TO ACCEPTANCE.

FIRE HYDRANT ASSEMBLY

SCALE : *N.T.S.*




























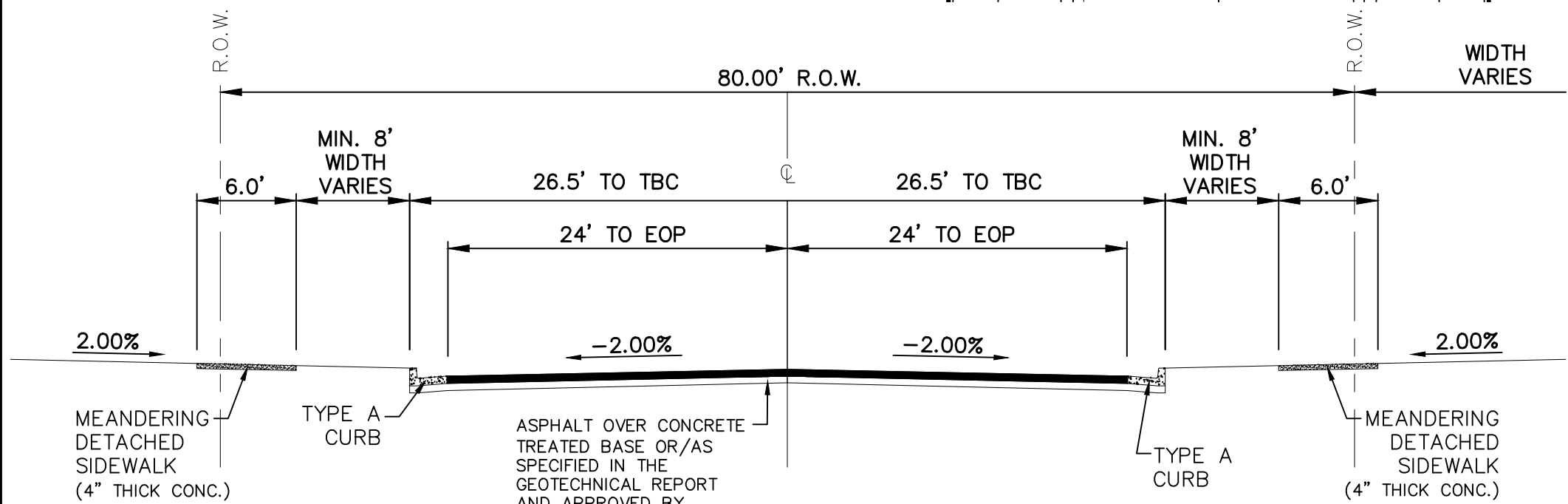
TRENCH TO BE BRACED OR SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES.

TYPICAL TRENCH & BEDDING DETAIL

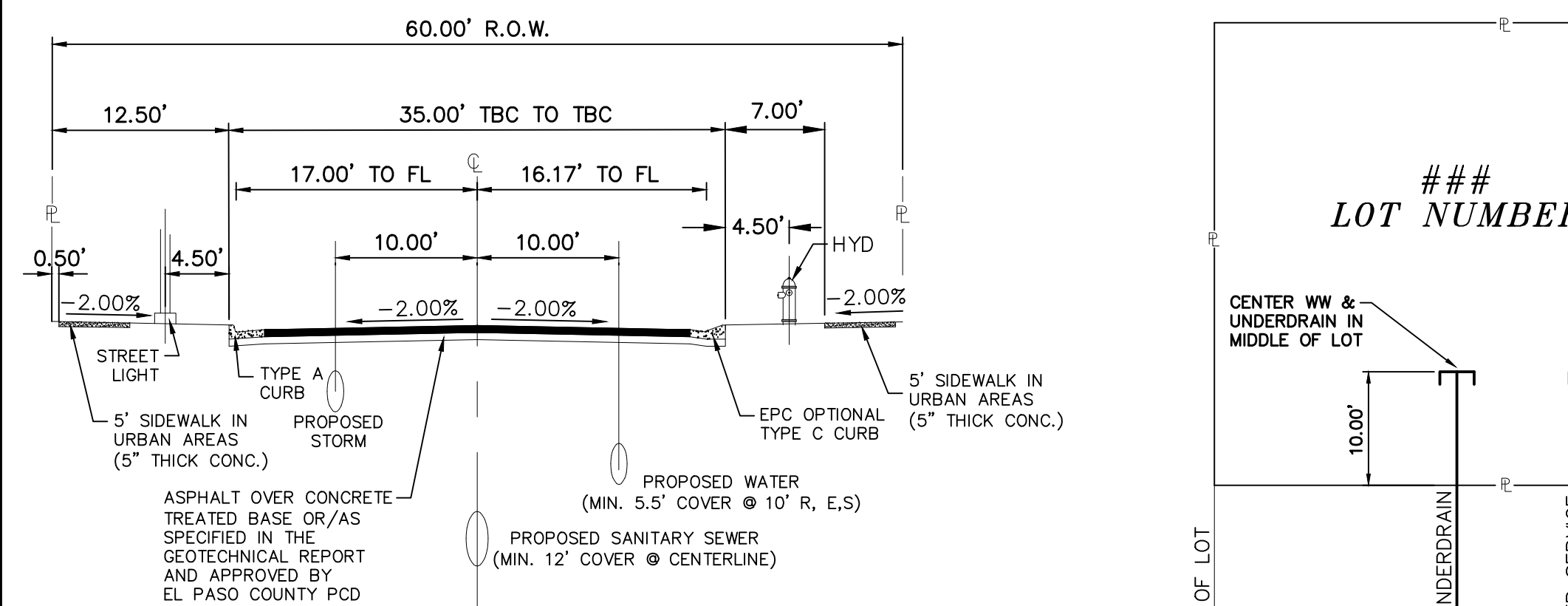
SCALE : N.T.S.

PIPE DIAMETER	MINIMUM WIDTH	MAXIMUM WIDTH
4"	1'-4"	4'-0"
6"	1'-6"	4'-0"
8"	1'-8"	4'-0"
12"	2'-0"	4'-0"
18"	3'-0"	4'-0"
24"	3'-6"	4'-0"
30"	4'-0"	6'-0"
36"	5'-0"	6'-0"
42"	6'-0"	8'-0"
48"	6'-0"	8'-0"
54"	8'-0"	8'-0"
60"	8'-0"	8'-0"
66"	8'-0"	10'-0"
72"	10'-0"	12'-0"

LEGEND	
SYMBOL	ACRONYM DESCRIPTION
	RCP W/FES REINFORCED CONCRETE PIPE W/FLARED END SECTIONS
	INLET STORM SEWER INLET BOX
	STMH STORM SEWER MANHOLE
	ST STORM SEWER LINE
	SS SANITARY SEWER MAIN
	SSMH SANITARY SEWER MANHOLE
	WM WATER MAIN (ALL PIPES PVC, UNLESS OTHERWISE NOTED)
	GV WATER GATE VALVE
	BV WATER BUTTERFLY VALVE
	BOV WATER BLOW-OFF VALVE
	HYD ASSY FIRE HYDRANT ASSEMBLY
	TTE W/GV WATER TEE W/ GATE VALVES
	ATT SW ATTACHED SIDEWALK
	STANDARD PEDESTRIAN RAMP PER SD-2-40 & M-608-1 (SH 6 OF 6)
	ANODE (CATHODIC PROTECTION)
	TS TEST STATION
	HB HAY BALE DAM
	SF SILT FENCE
	EXIST EXISTING FEATURES
	LOT NUMBERS
	CROSS PAN PER SD-2-26
	PI POINT OF INTERSECTION
	BT BEGINNING OF TRANSITION
	ET END OF TRANSITION
	EXISTING CONTOUR (10')
	EXISTING CONTOUR (2')



LAMBERT ROAD
NON-RESIDENTIAL COLLECTOR



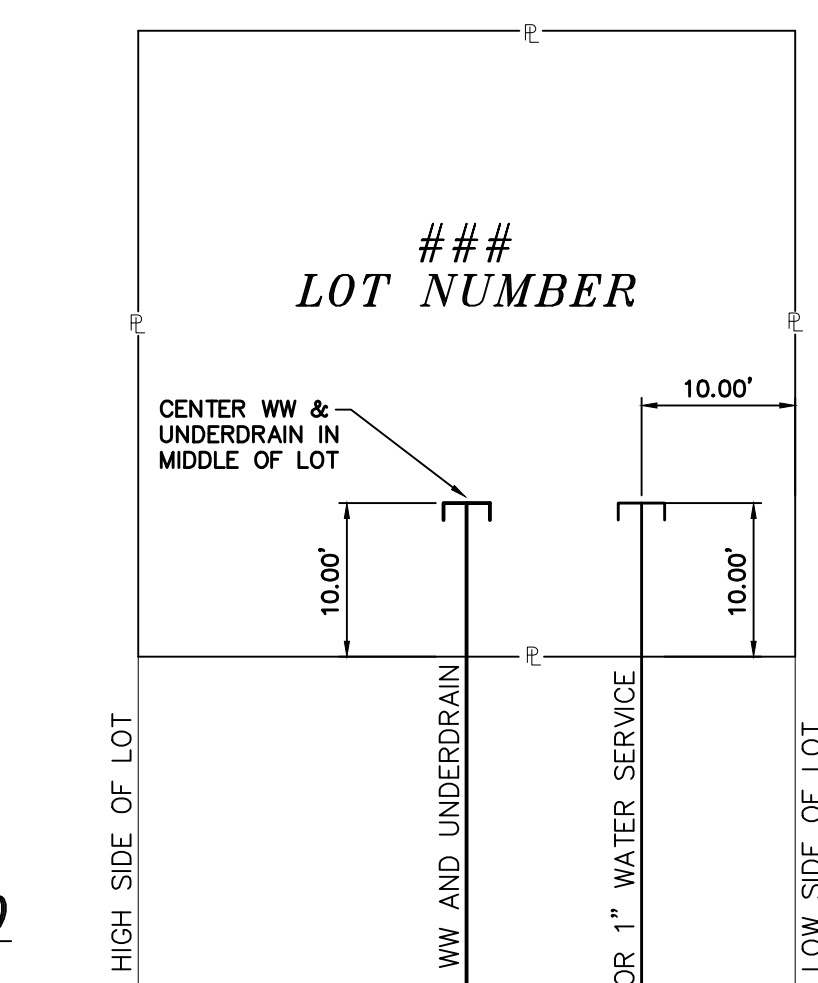
NOTES:

1. NON-STANDARD STREET SECTION PER DEVIATION NO. DEV314 APPROVED BY EL PASO COUNTY PCD.
2. ELEV. OPTIONAL TYPE C CURB USED ON ALL RESIDENTIAL STREETS UNLESS OTHERWISE NOTED.
3. CLEAR ZONES MUST BE MAINTAINED AT ALL TIMES. ALL STRUCTURAL COMPONENTS LARGER THAN 4" IN DIA. MUST BE A MINIMUM OF 7' FROM EDGE OF TRAVEL WAY FOR TYPE C CURB AND 1.5' FROM FACE OF CURB FOR TYPE A CURB.
4. ASPHALT DETERMINED BY HVEEM METHOD AND APPROVED BY EL PASO COUNTY PCD.
5. ALL COUNTY SIDEWALK LOCATED WITHIN OR ADJACENT TO A COUNTRY RIGHT OF WAY ALONG RESIDENTIAL STREETS WILL BE 5" THICK PER RESOLUTION 16-446

60' R.O.W.
RESIDENTIAL ROAD
(TYPICAL)

URBAN LOCAL &
URBAN LOCAL LOW-VOLUME

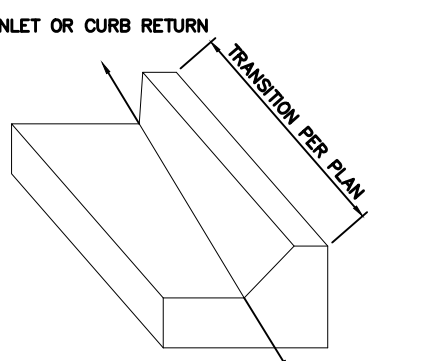
SCALE : N.T.S.



1. EXTEND SERVICE LINES AS SHOWN AT ALL LOTS OR AS DIRECTED BY MERIDIAN SERVICE METROPOLITAN DISTRICT.
2. DRIVEWAYS ARE TO BE LOCATED ON THE HIGH SIDE OF THE LOT(TYPICAL).

TYPICAL SERVICE DETAIL

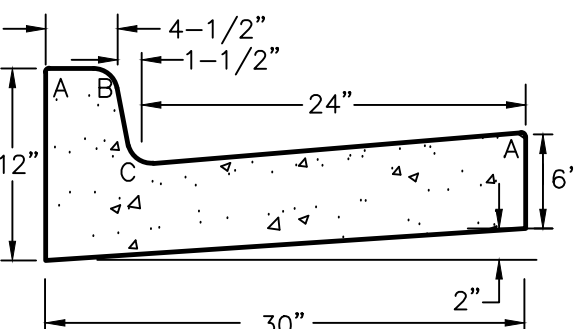
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CURB TRANSITION
NOT TO SCALE

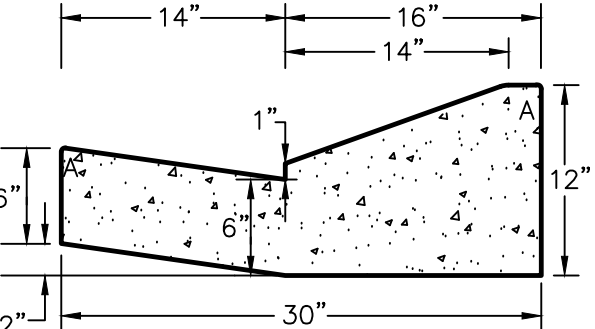
NOT TO

LEGEND FOR RADII	
A	1/8" TO 1/4"
B	1-1/2"
C	1-1/2" TO 2"



TYPE A CURB

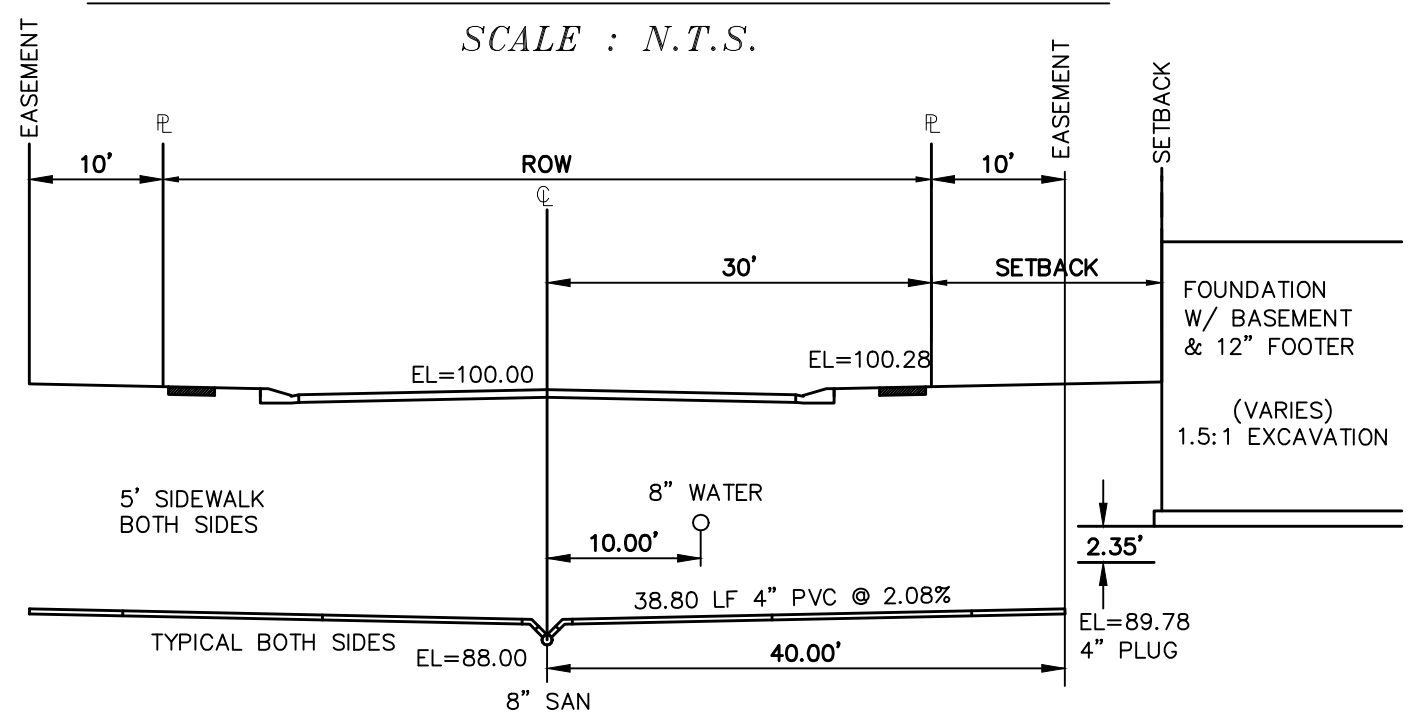
NOT TO SCALE



EPC OPTIONAL TYPE C CURB*

NOT TO SCALE

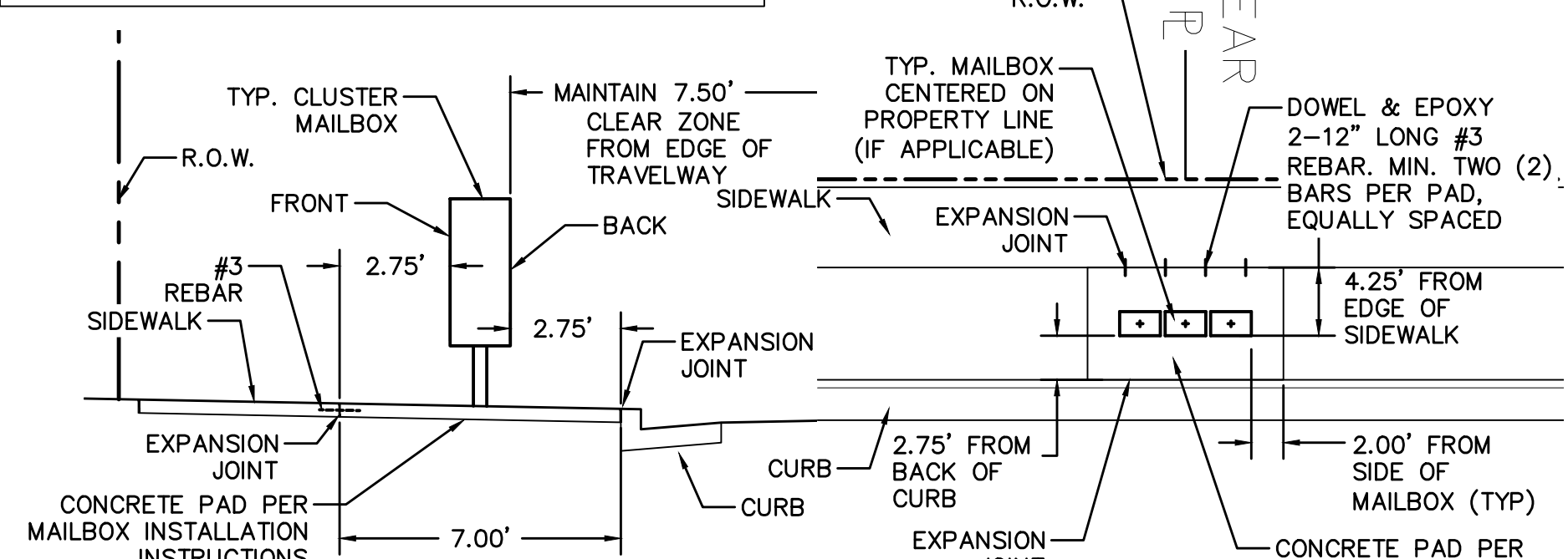
* ALL TYPE C CURB IDENTIFIED
IN THIS PLAN TO BE EPC
OPTIONAL TYPE C CURB



TYPICAL SEWER SERVICE CONNECTION DETAIL

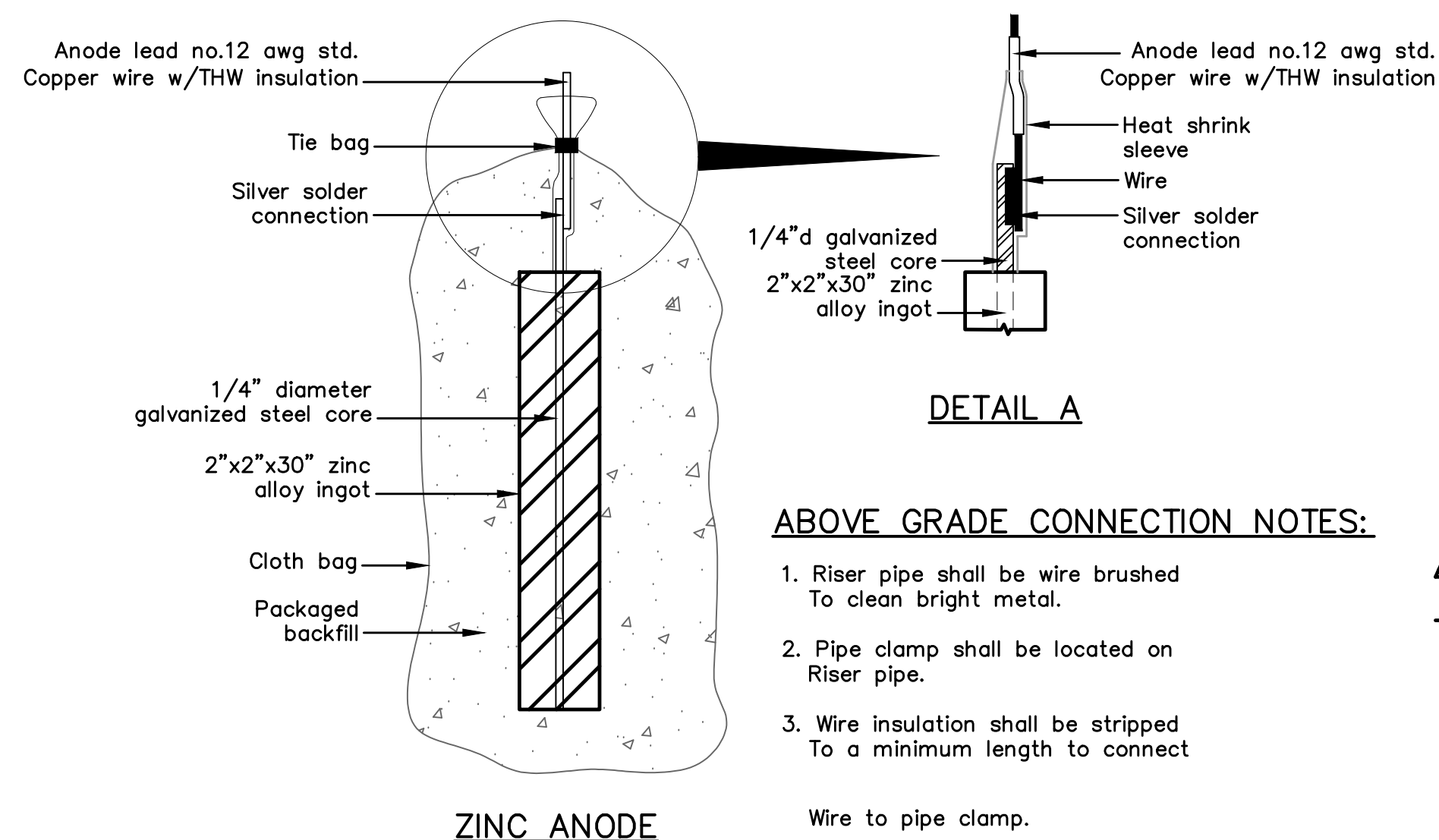
NOTE: SERVICE LINE MAY VARY IN DEPTH DUE TO SITE CONDITIONS OR THE CONSTRUCTION OF A CRAWL SPACE/BASEMENT UNDER THE HOUSE.

4" PVC SDR 35	2.08% OR 1/4" PER FOOT
4" SCH 40 PVC	1.04% OR 1/8" PER FOOT
6" PVC SDR 35	1.04% OR 1/8" PER FOOT

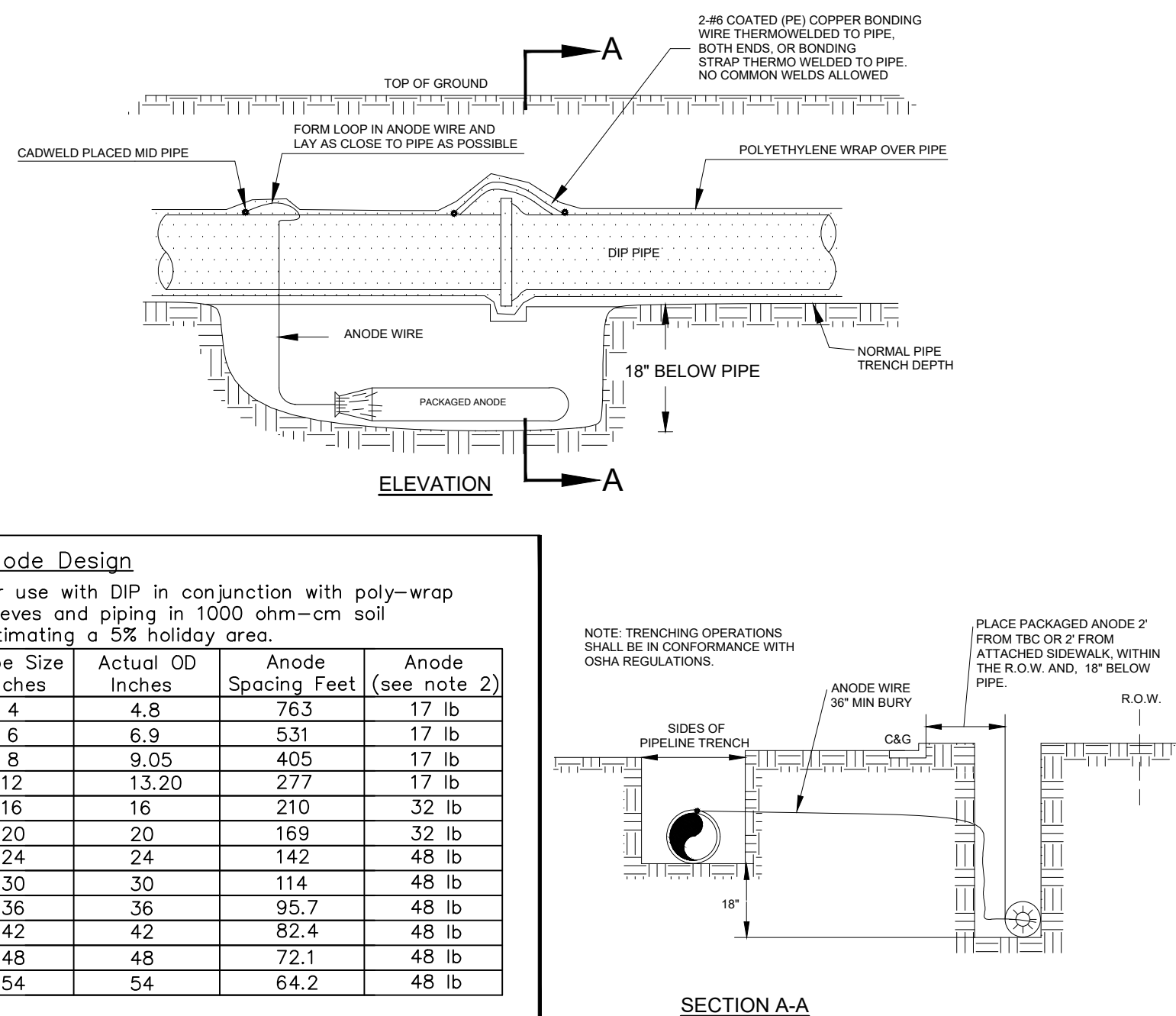
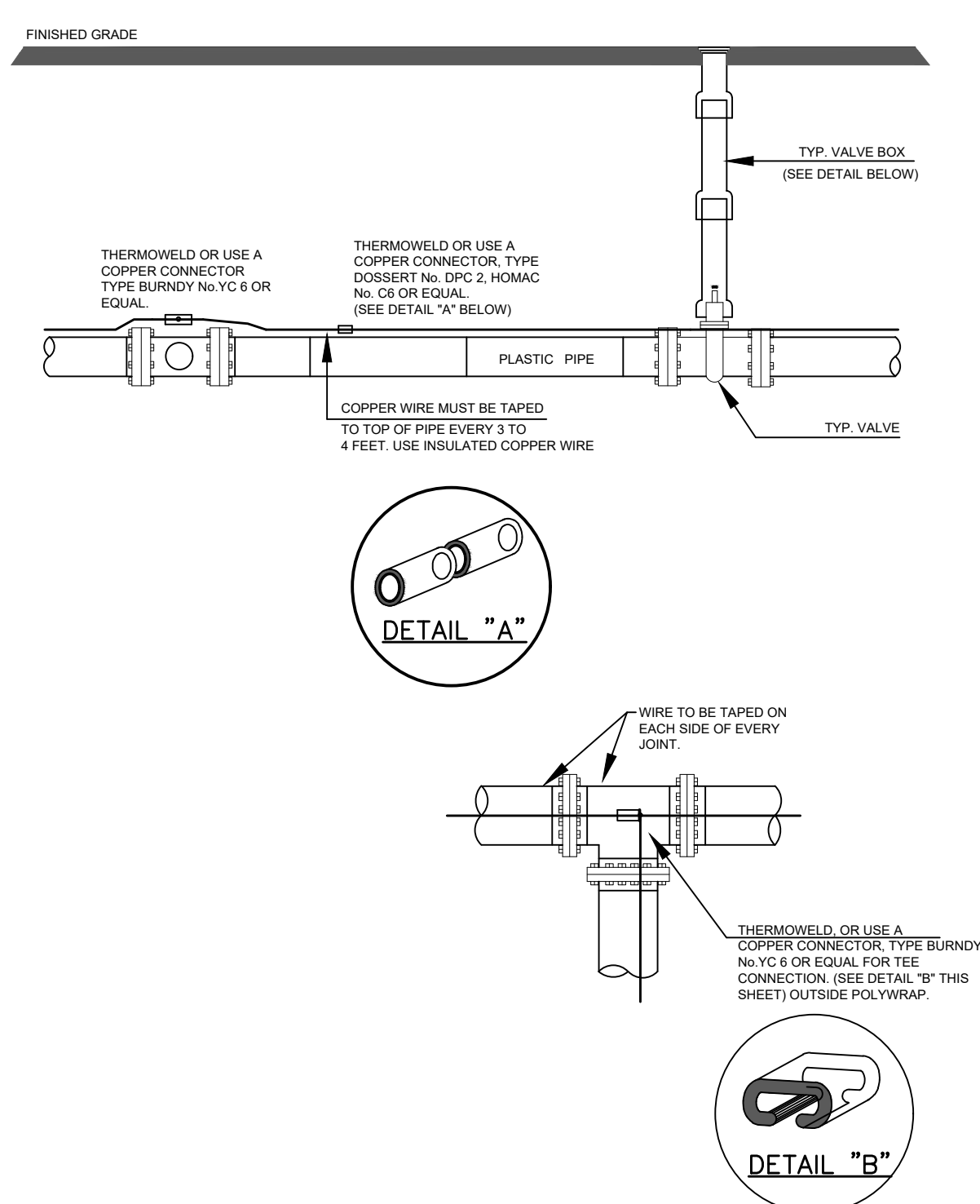
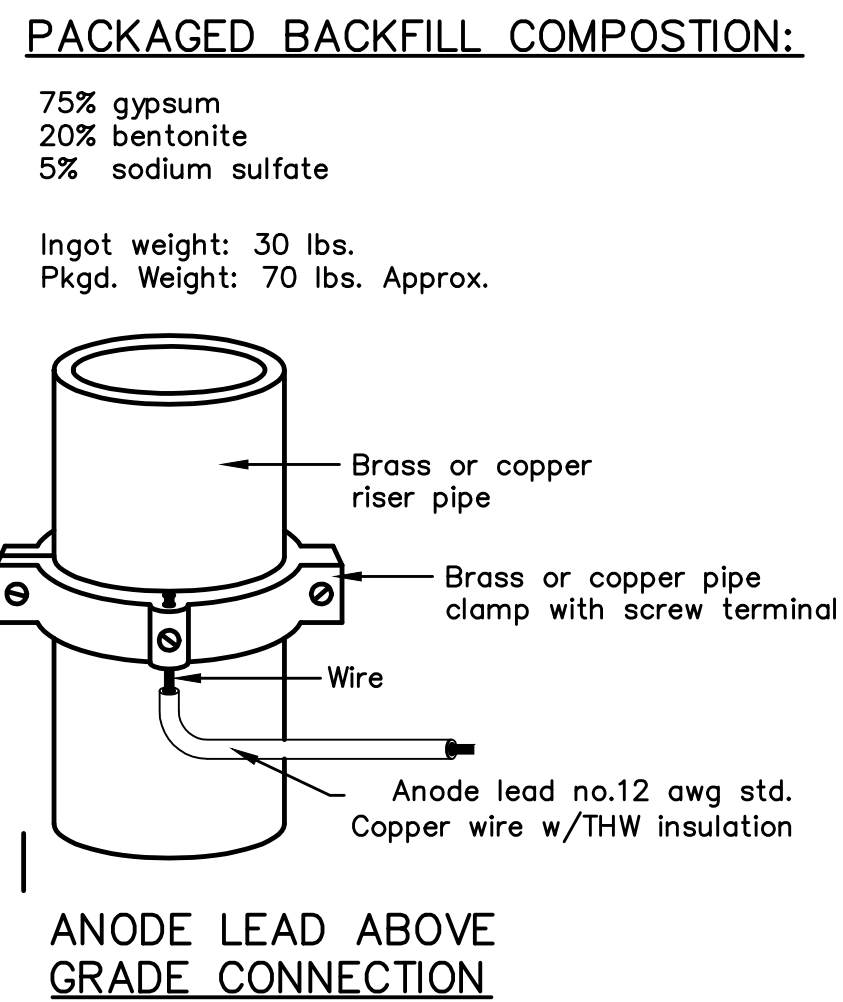


GENERAL MAILBOX LAYOUT DETAIL

NOT TO SCALE



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

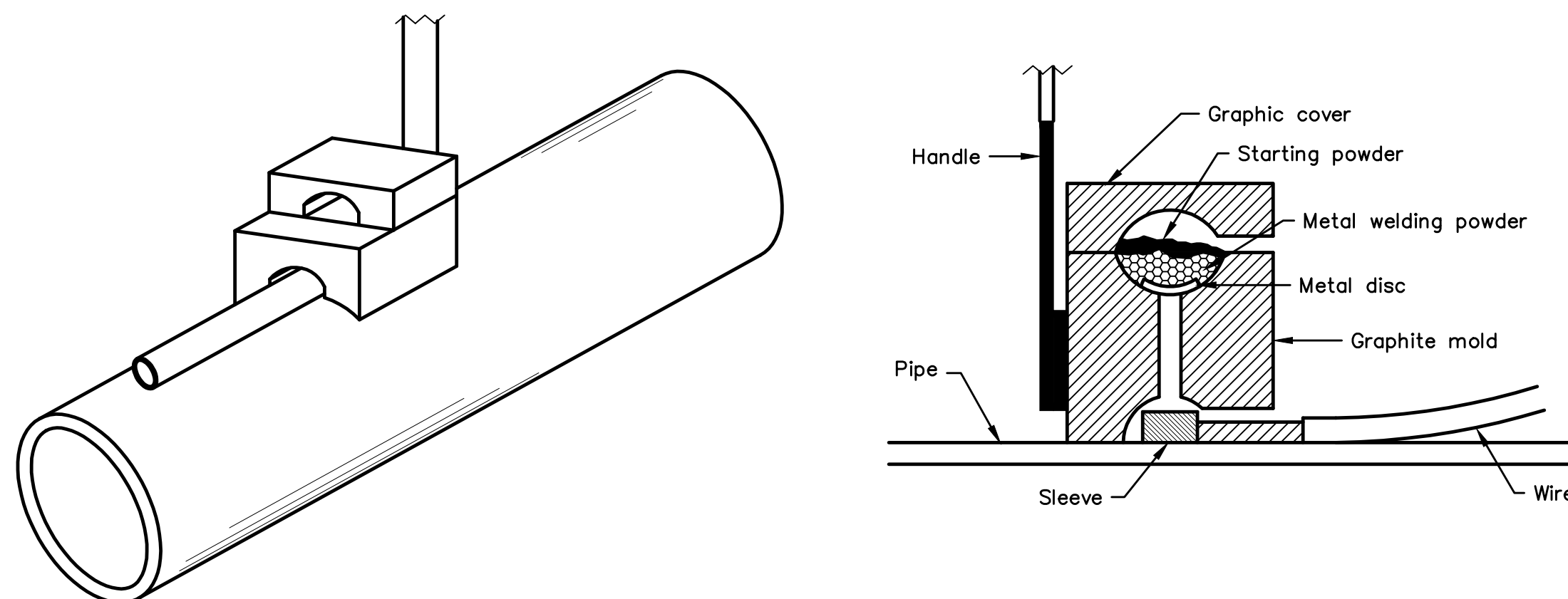


Pipe Size Inches	Actual Inches	Anode Spacing (ft)	Anode See (note 2)
4	4.8	763	17 lb
6	6.9	531	17 lb
8	9.05	405	17 lb
12	13.20	277	17 lb
16	16	210	32 lb
20	20	169	32 lb
24	24	142	48 lb
30	30	114	48 lb
36	36	95.7	48 lb
42	42	82.4	48 lb
48	48	72.1	48 lb
54	54	64.2	48 lb

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. Packed anode to be wetted and covered with soil prior to backfilling.



FIELD INSTALLATION OF POLYETHYLENE WRAP FOR DIP PIPE AND FITTINGS.

STEP 1:

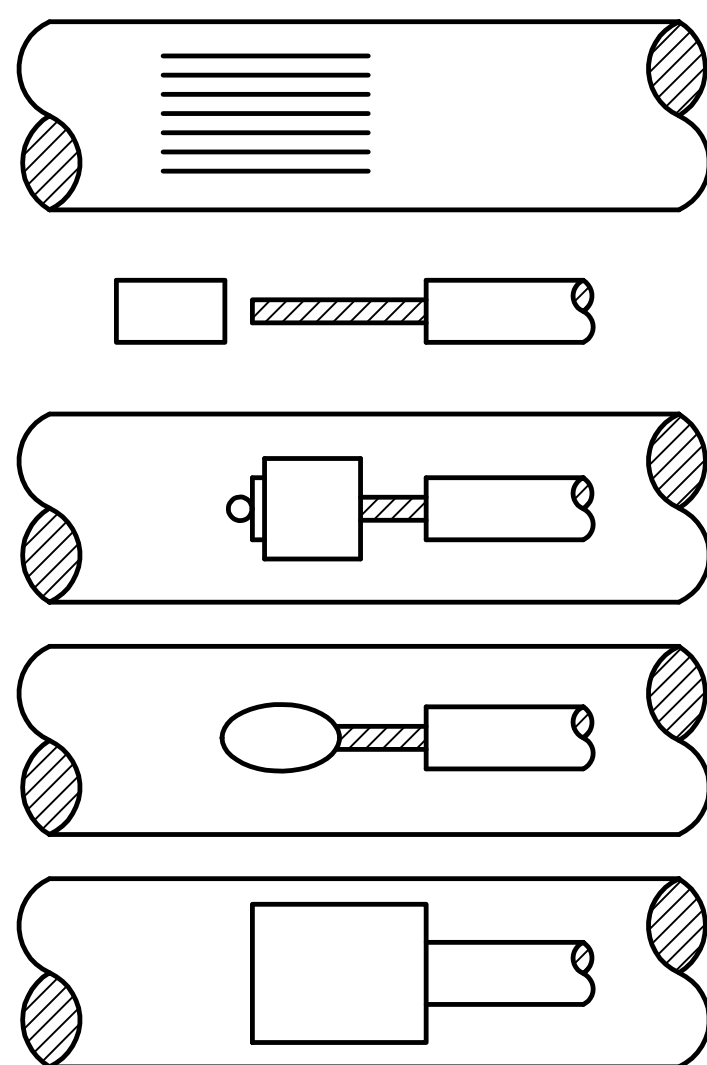
PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO TRENCH.

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.

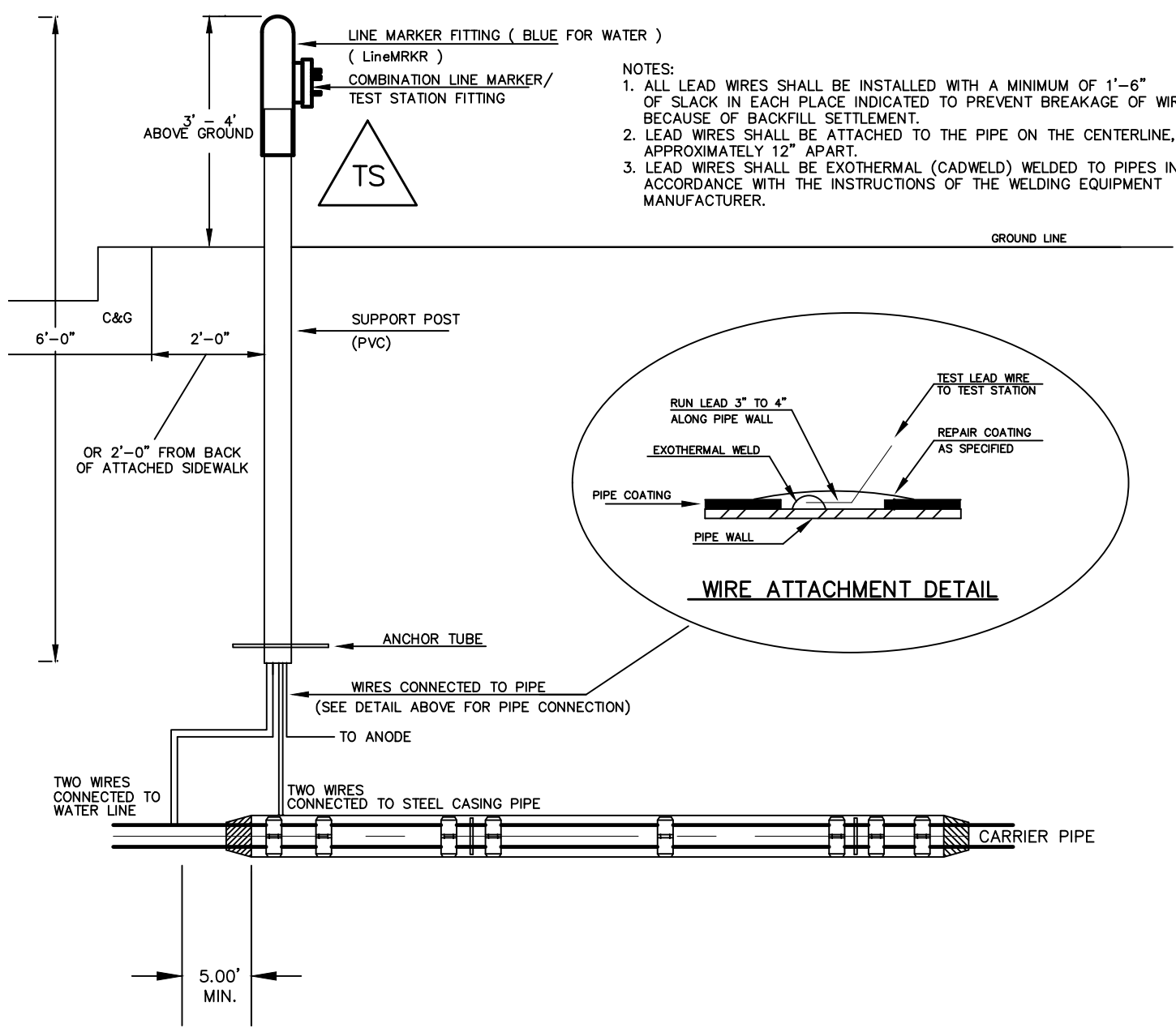


- STEP 1. File structure connection area (3 in x 3 in) to bare shiny metal and clean.
- STEP 2. Strip insulation from wire. Attach sleeve where required by manufacturer.
- STEP 3. Hold mold firmly with opening away from operator and ignite with flint gun.
- STEP 4. Remove slag from connection and peen 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



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.

No.	Revisions	Date	Instr.	Appr.	Date

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457



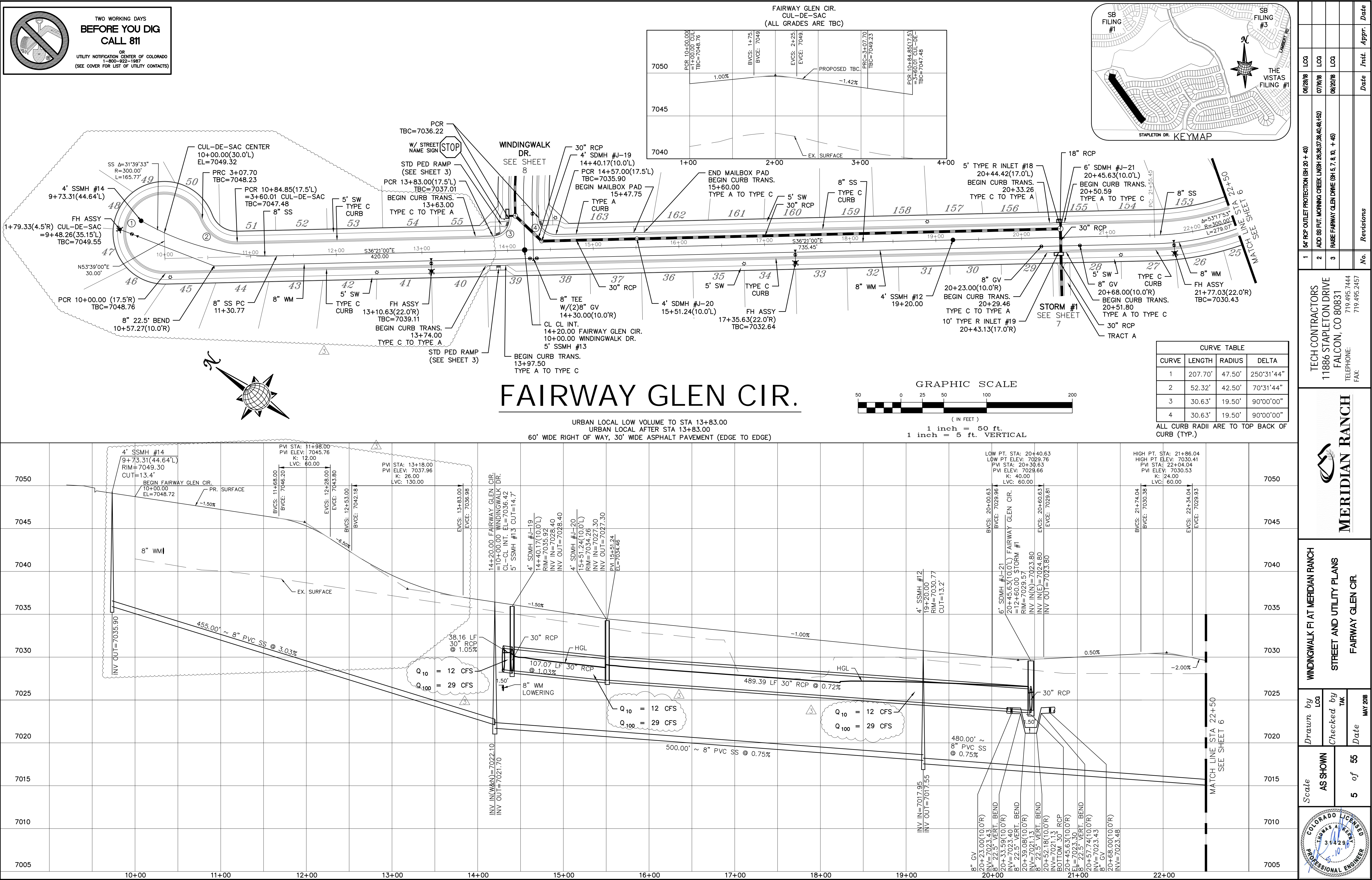
MERIDIAN RANCH

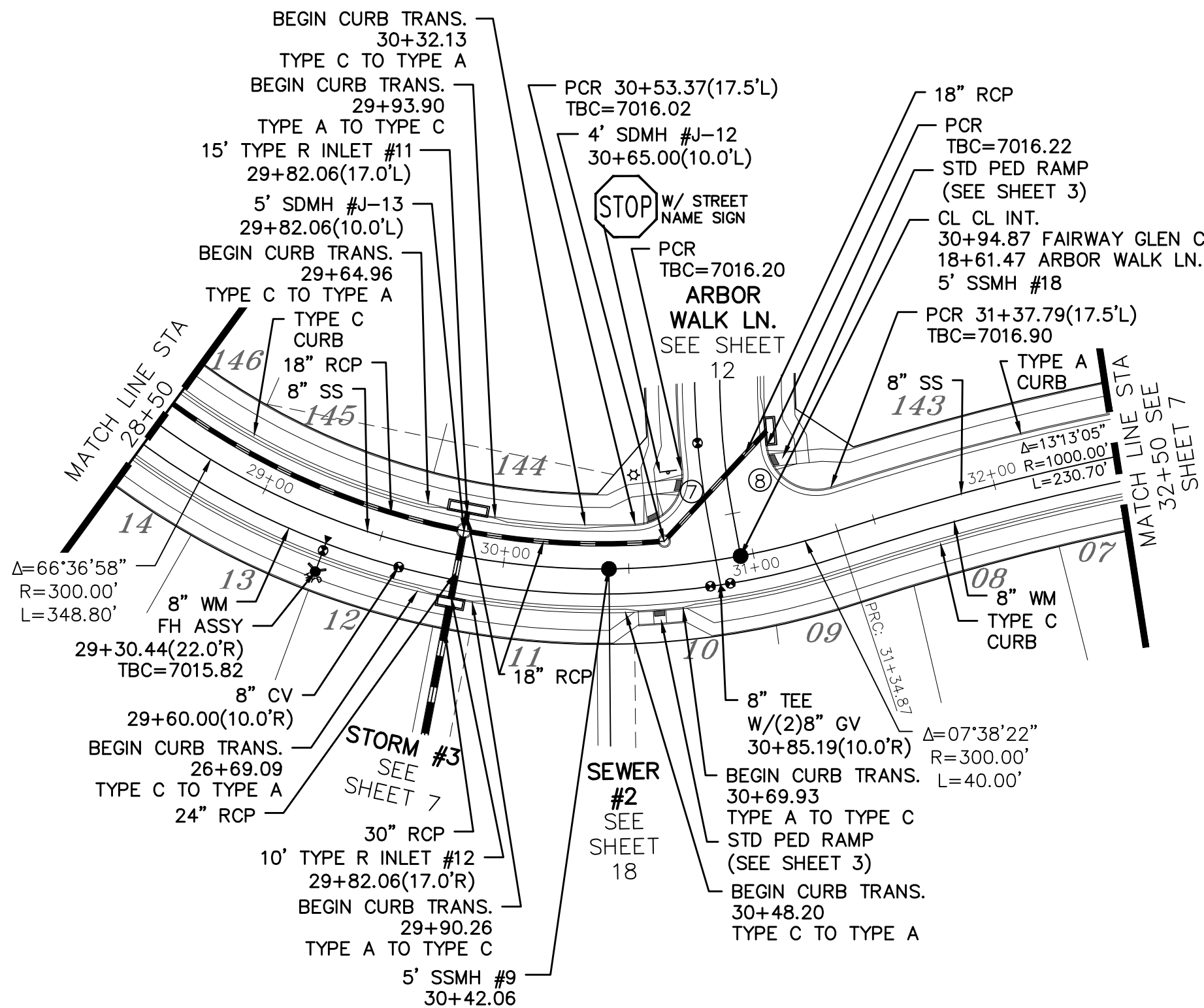
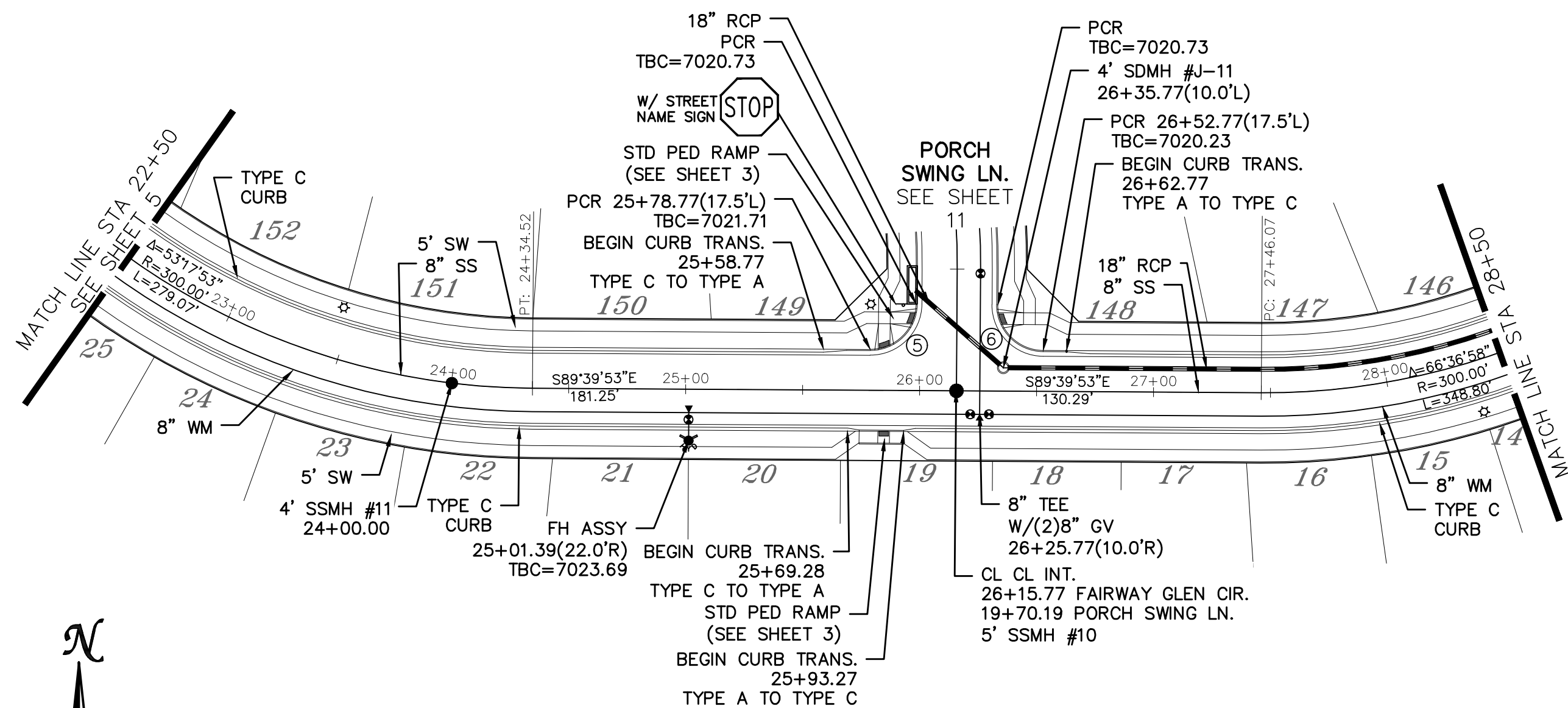
WINDINGWALK F1 AT MERIDIAN RANCH
STREET AND UTILITY PLANS
DETAIL SHEET

<i>Drawn by</i>	<i>LOG</i>
<i>Checked by</i>	<i>TAK</i>
<i>Date</i>	MAY 2018

<i>Scale</i>	AS SHOWN
4	<i>of</i> 55

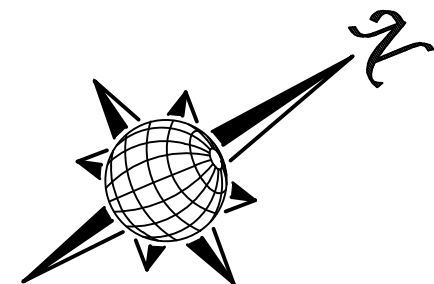






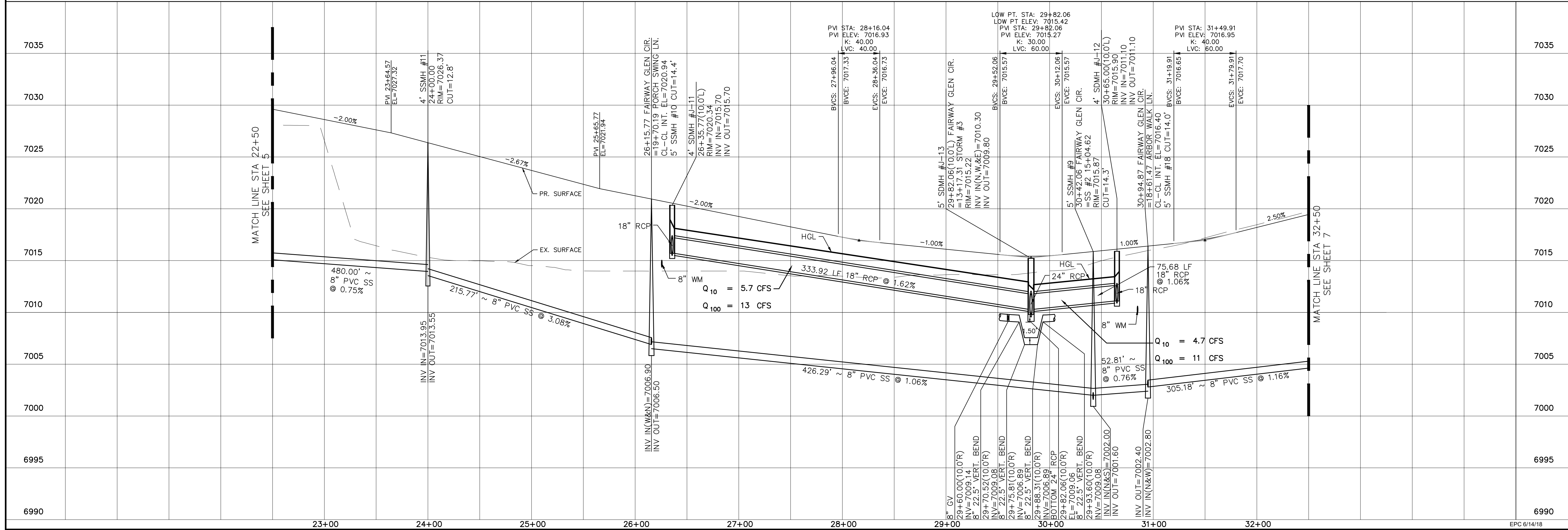
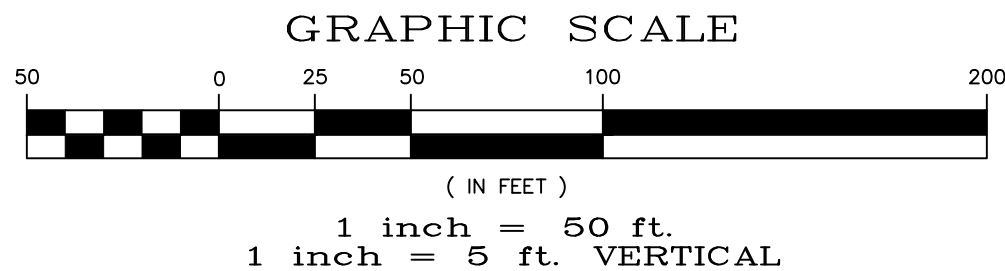
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
5	30.63'	19.50'	90°00'00"
6	30.63'	19.50'	90°00'00"
7	32.04'	19.50'	94°08'36"
8	34.84'	19.50'	102°22'10"

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

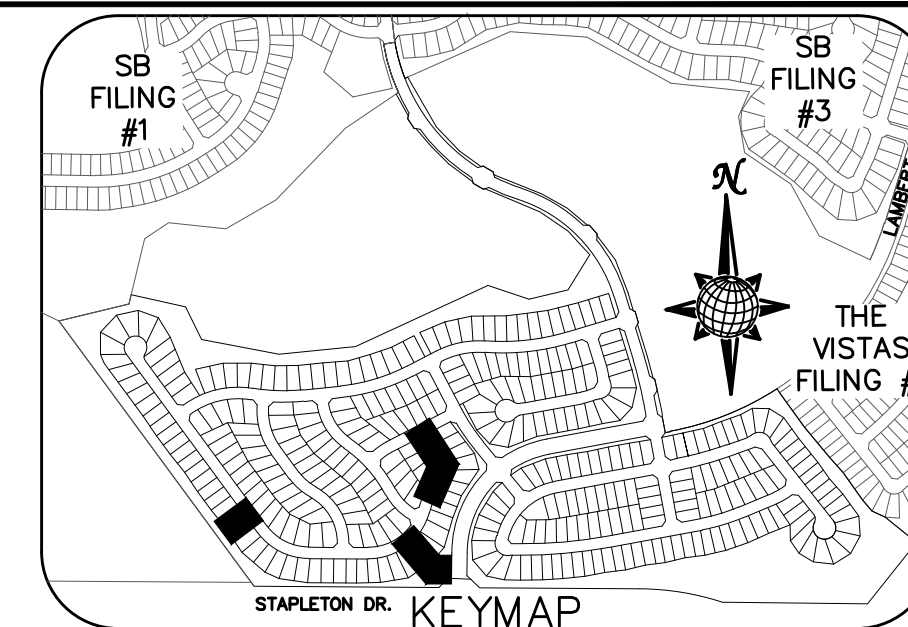


FAIRWAY GLEN CIR.

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



	Scale	<div>Drawn by LCS</div> <div>Checked by TAK</div> <div>Date MAY 2008</div>	<div>WINDINGWALK FI AT MERIDIAN RANCH</div> <div>STREET AND UTILITY PLANS</div> <div>FAIRWAY GLEN CIR.</div>	 <div>MERIDIAN RANCH</div>	<div>TECH CONTRACTORS</div> <div>11886 STAPLETON DRIVE</div> <div>FALCON, CO 80831</div> <div>TELEPHONE: 719.495.7444</div> <div>FAX: 719.495.2457</div>									
	AS SHOWN													
	6 of 55													
						No.	Revisions	Date	Init.	Appr.	Date			



1	54" RCP OUTLET PROTECTION (SH 20 + 43)	06/28/18	LOG	
2	ADD SS FOT, MORNING CREEK (LN SH 26.36, 37.38, 40.48, 42.52)	07/16/18	LOG	
3	RAISE FARMWAY GLEN DRIVE (SH 5, 7, 8, 10, + 45)	08/20/18	LOG	
<i>No.</i>	<i>Revisions</i>	<i>Date</i>	<i>Init.</i>	<i>Appr.</i>

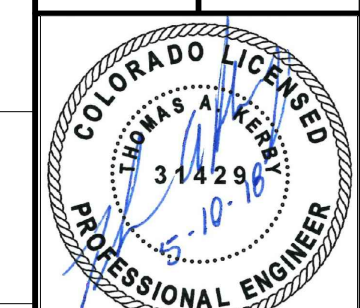
TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457


MERIDIAN RANCH

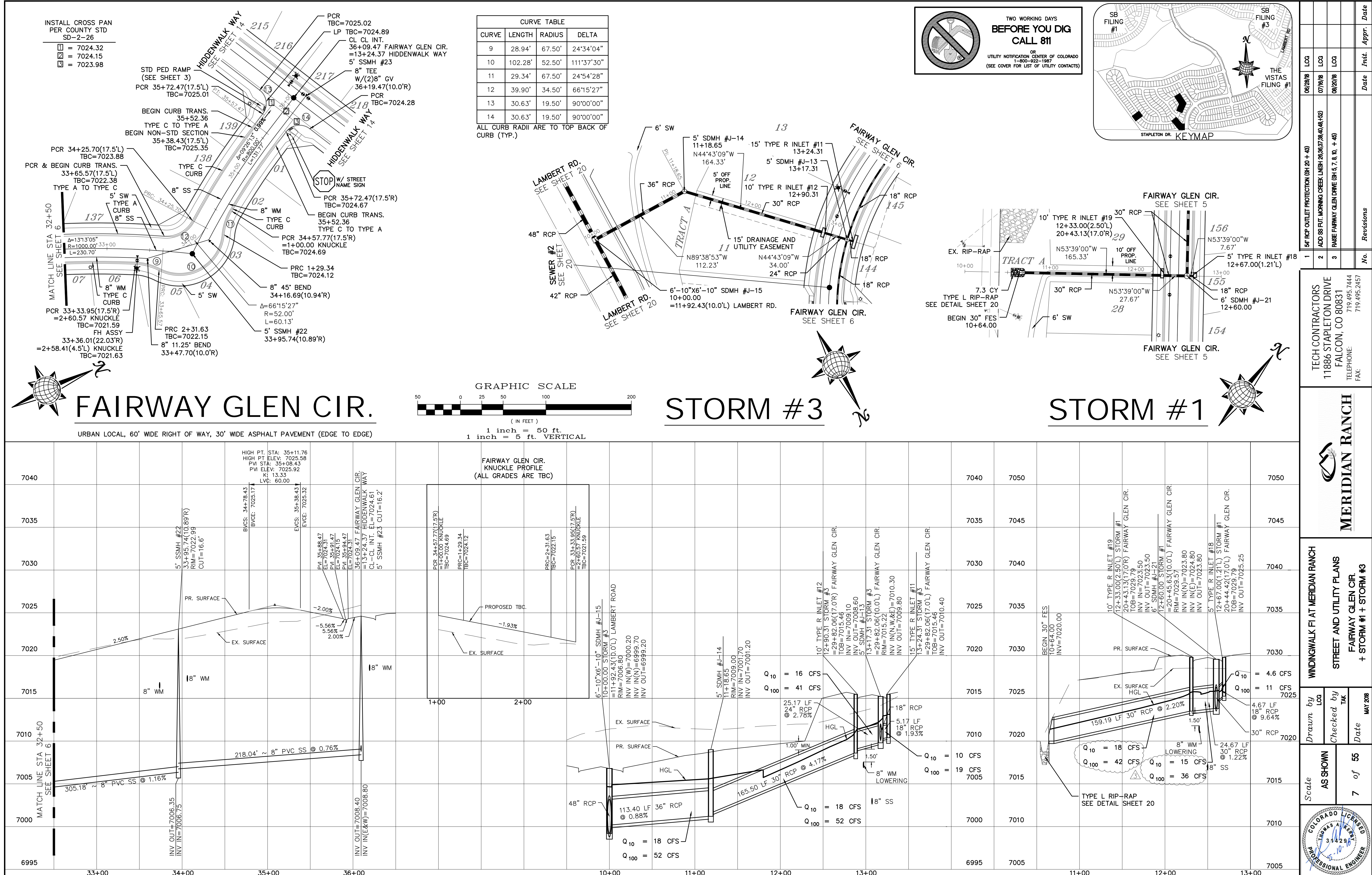
WINDINGWALK F1 AT MERIDIAN RANCH

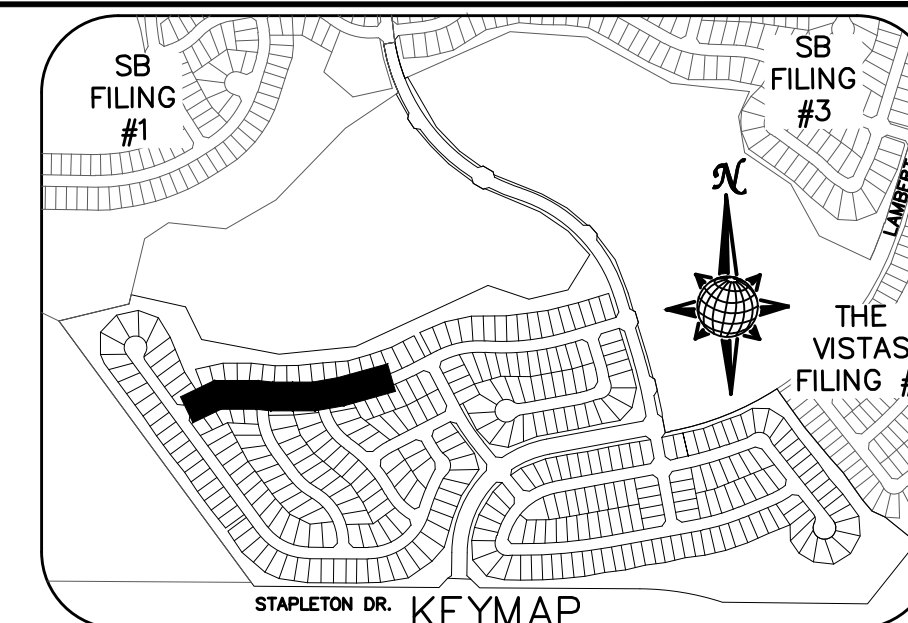
STREET AND UTILITY PLANS
FAIRWAY GLEN CIR.

Scale AS SHOWN	<i>Drawn by</i> LOG
	<i>Checked by</i> TAK
	<i>Date</i> MAY 2018



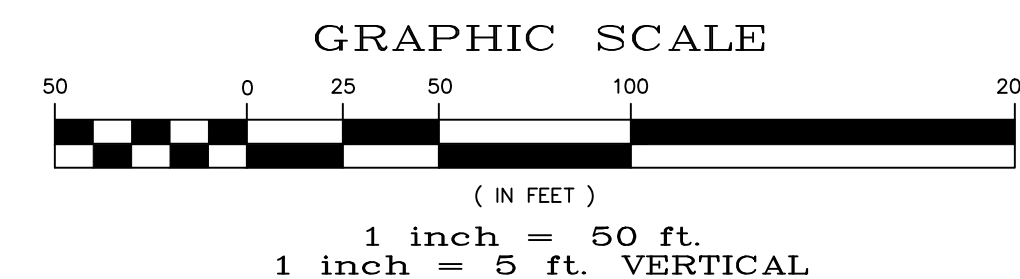
PCD PROJECT NO. SF-18-002





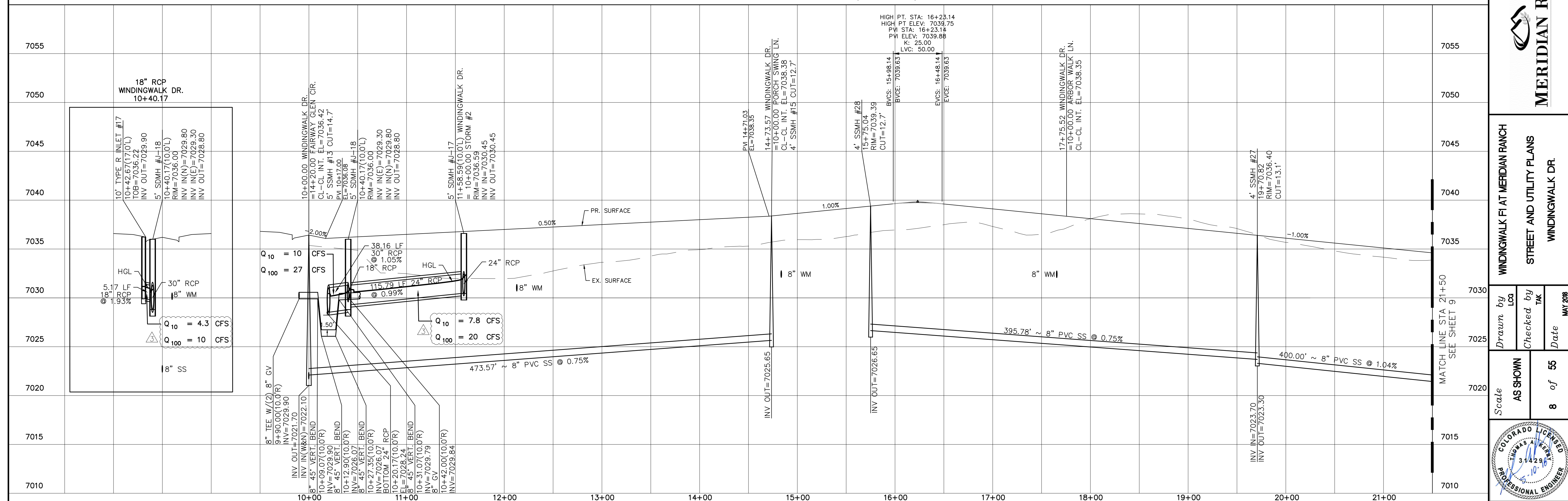
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
3	30.63'	19.50'	90°00'00"
4	30.63'	19.50'	90°00'00"
15	29.93'	19.50'	87°57'19"
16	29.93'	19.50'	87°57'19"
17	30.63'	19.50'	90°00'00"
18	30.63'	19.50'	90°00'00"

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

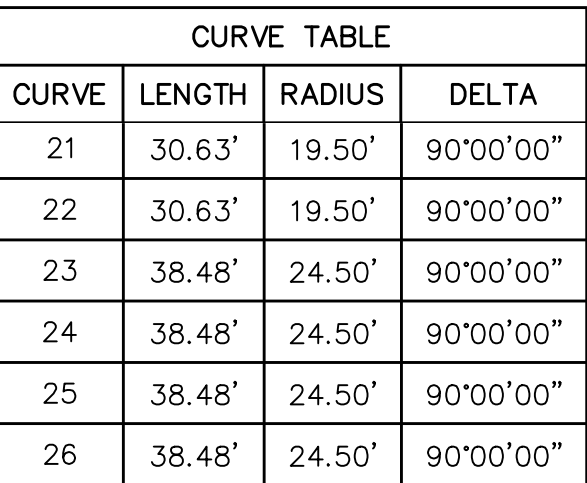


WINDINGWALK DR.

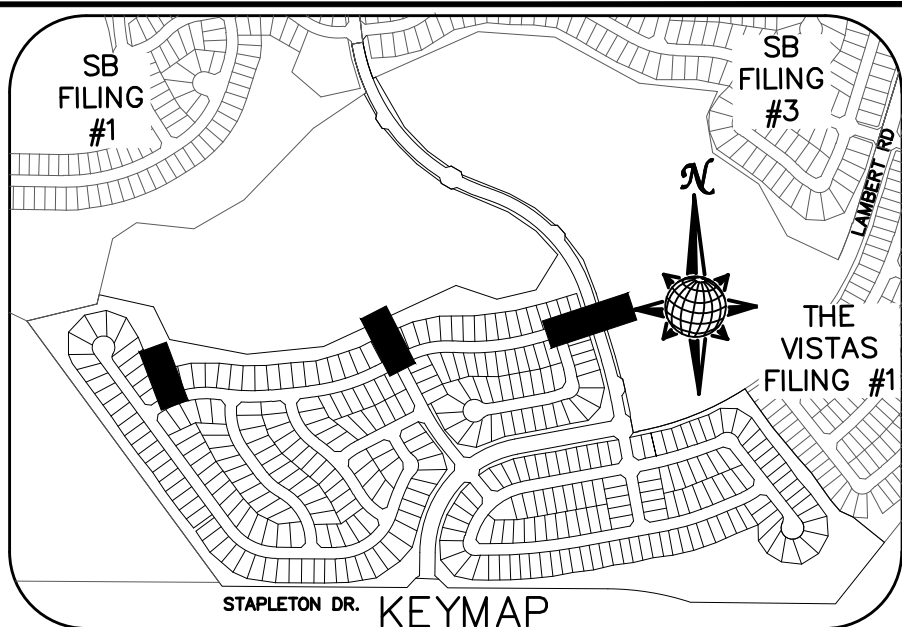
URBAN LOCAL, 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



PCD PROJECT NO. SF-18-002



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

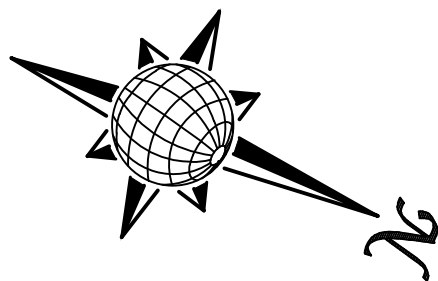


TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831		719.495.7444 719.495.2457		TELEPHONE: FAX:	
1	54" RCP OUTLET PROTECTION (SH 20 + 40)	06/28/18	LOG		
2	ADD 88' FT. MORNING CREEK LWSH (28,36,37,38,40,48+52)	07/16/18	LOG		
3	RAISE FARWAY GLEN DRIVE (SH 5, 7, 8, 10, + 45)	08/20/18	LOG		
No.	Revisions	Date	Initi.	Appr.	Date

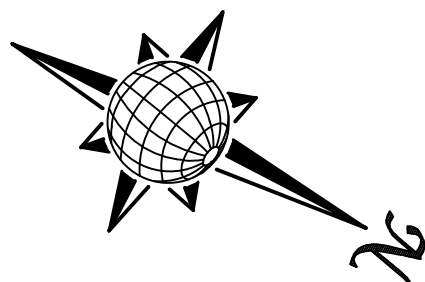


WINDINGWALK DR.

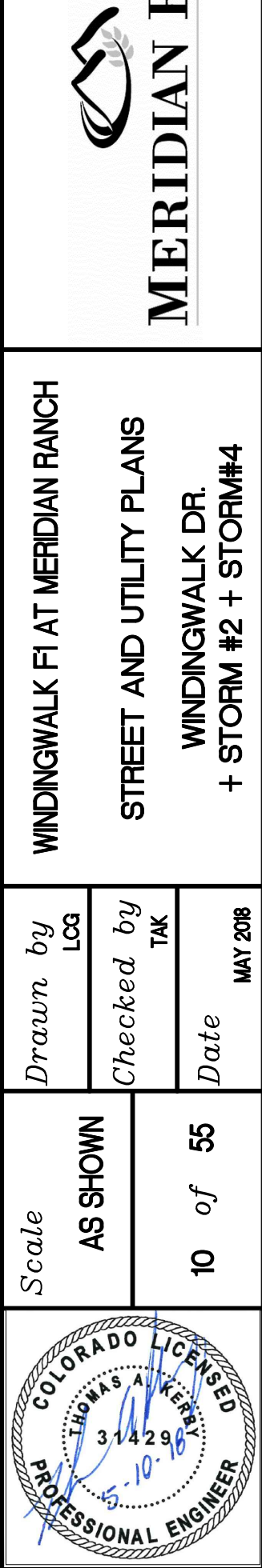
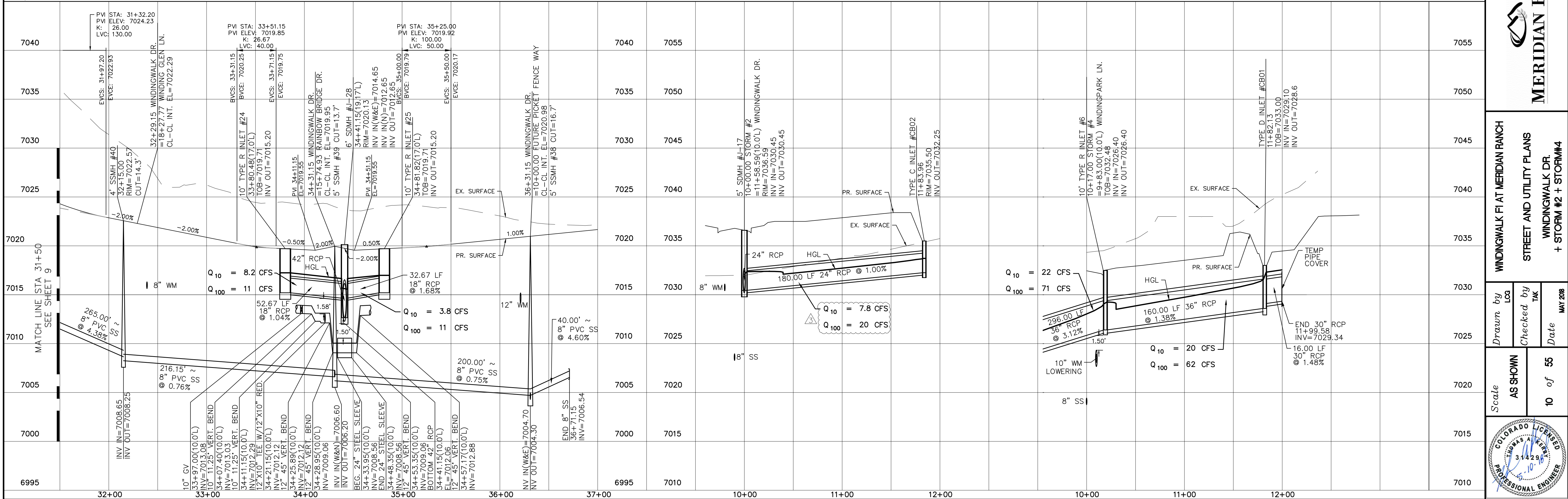
URBAN LOCAL, 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)

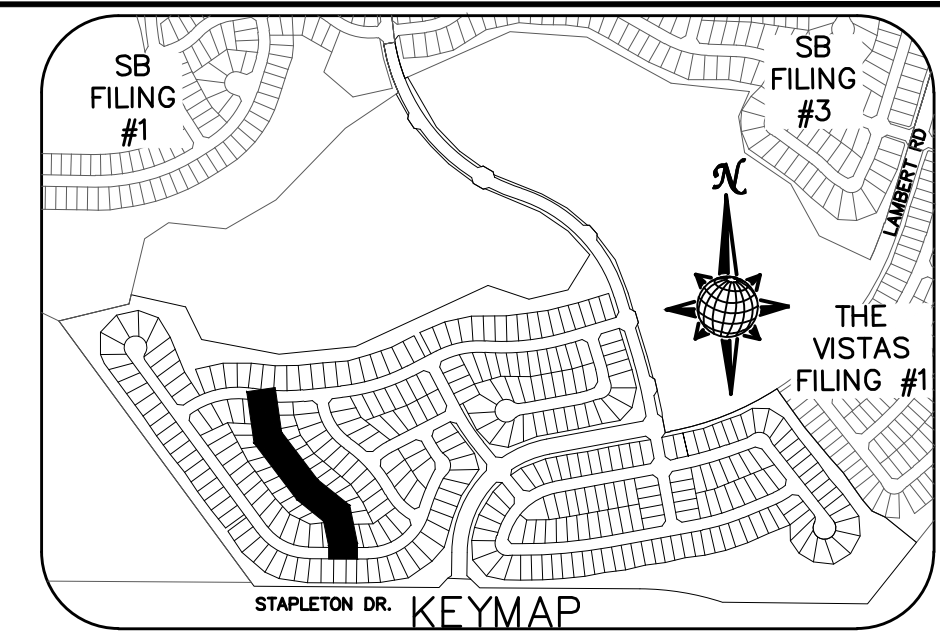


STORM #2



STORM #4





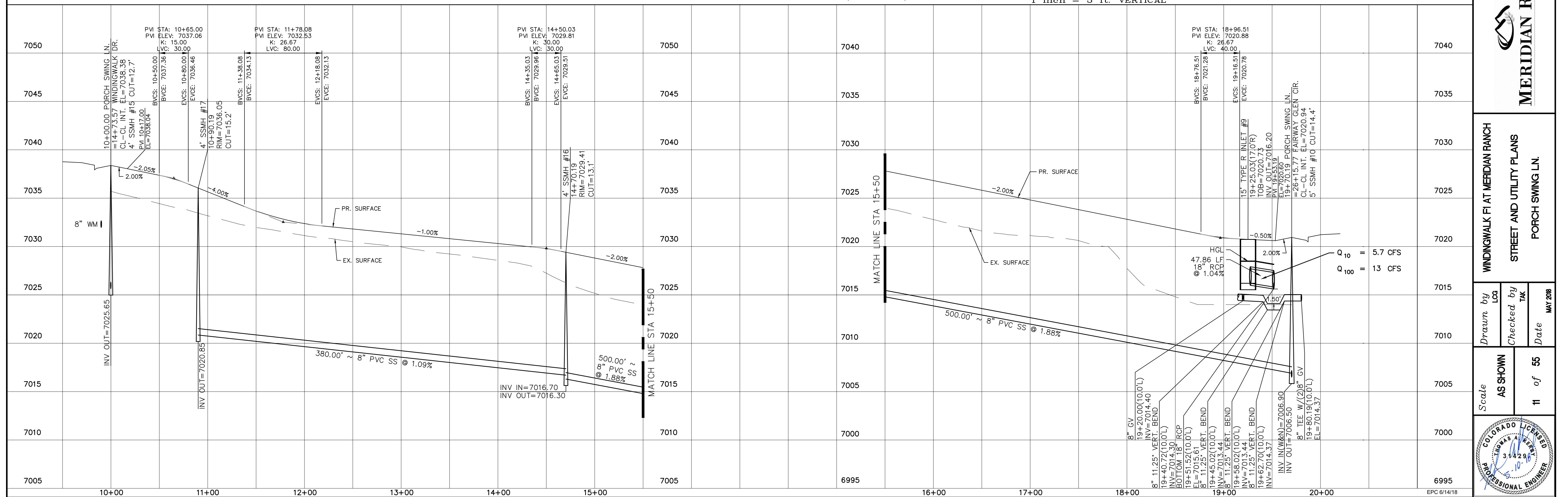
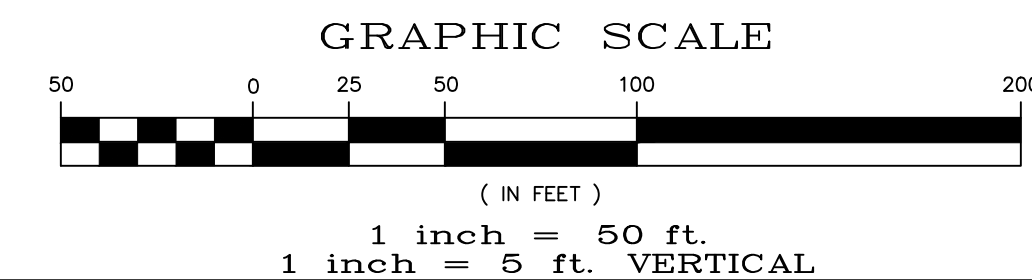
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
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6	30.63'	19.50'	90°00'00"
15	29.93'	19.50'	87°57'19"
16	29.93'	19.50'	87°57'19"

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



PORCH SWING LN.

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



TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457


MERIDIAN RANCH

STREET AND UTILITY PLANS
PORCH SWING LN.

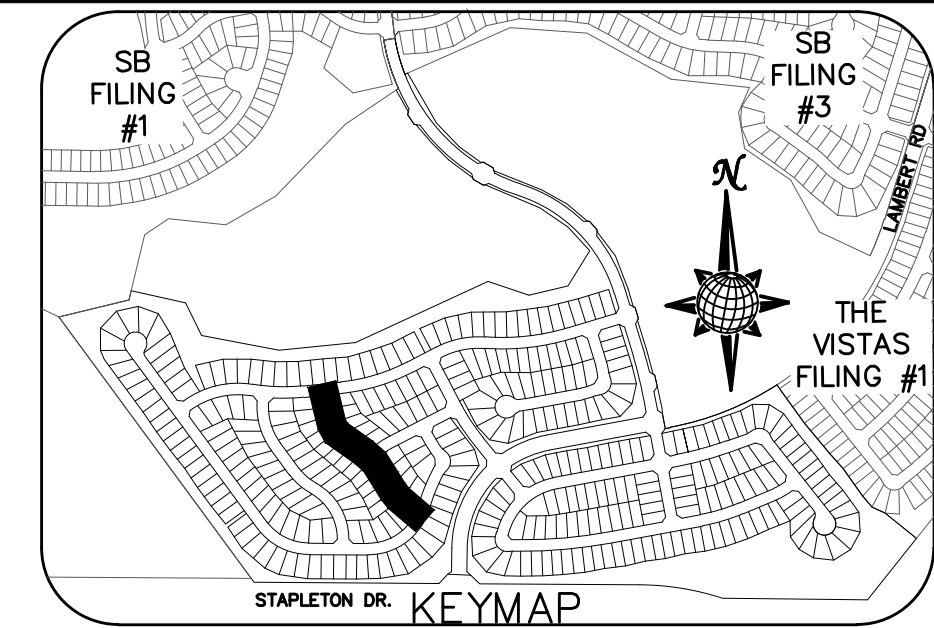
LOG	Checked by TAK	Date MAY 2018
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AS SHOWN	11 of 55
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INSTALL CROSS PAN
PER COUNTY STD
SD-2-26

1	=	7023.67
2	=	7023.34
3	=	7023.00

[illegible]

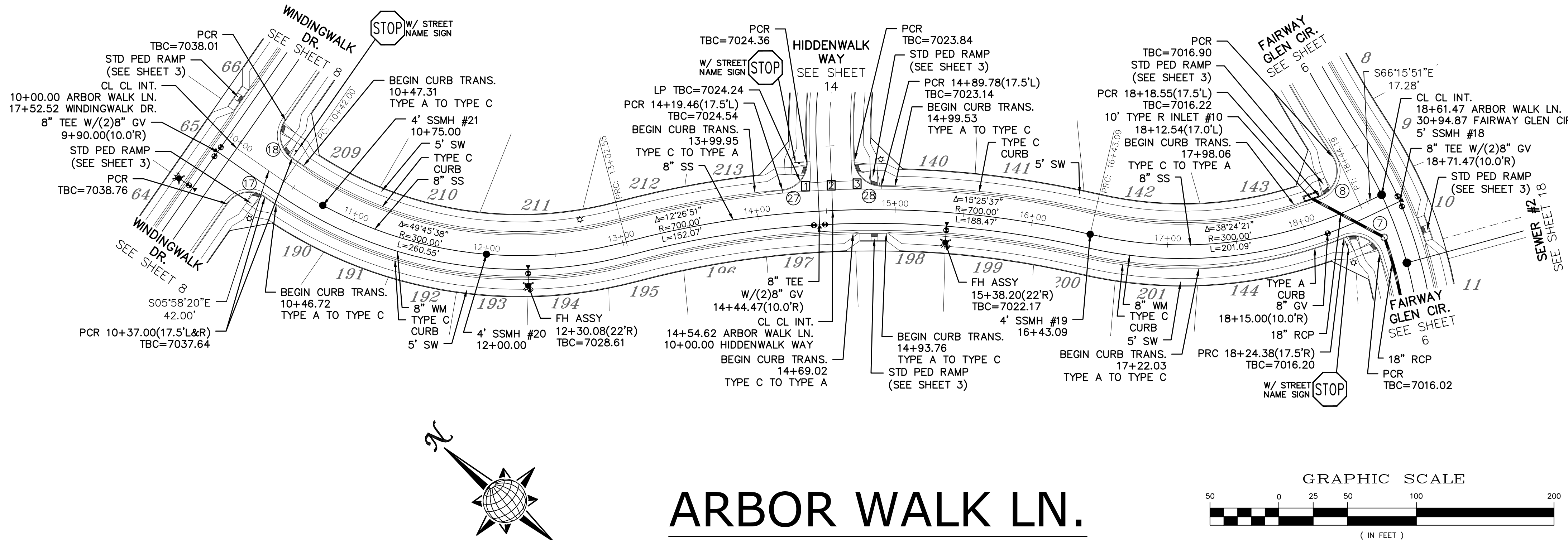
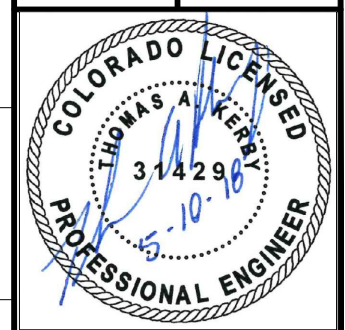
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11886 STAPLETON DRIVE
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FAX: 719.495.2457



MERIDIAN RANCH

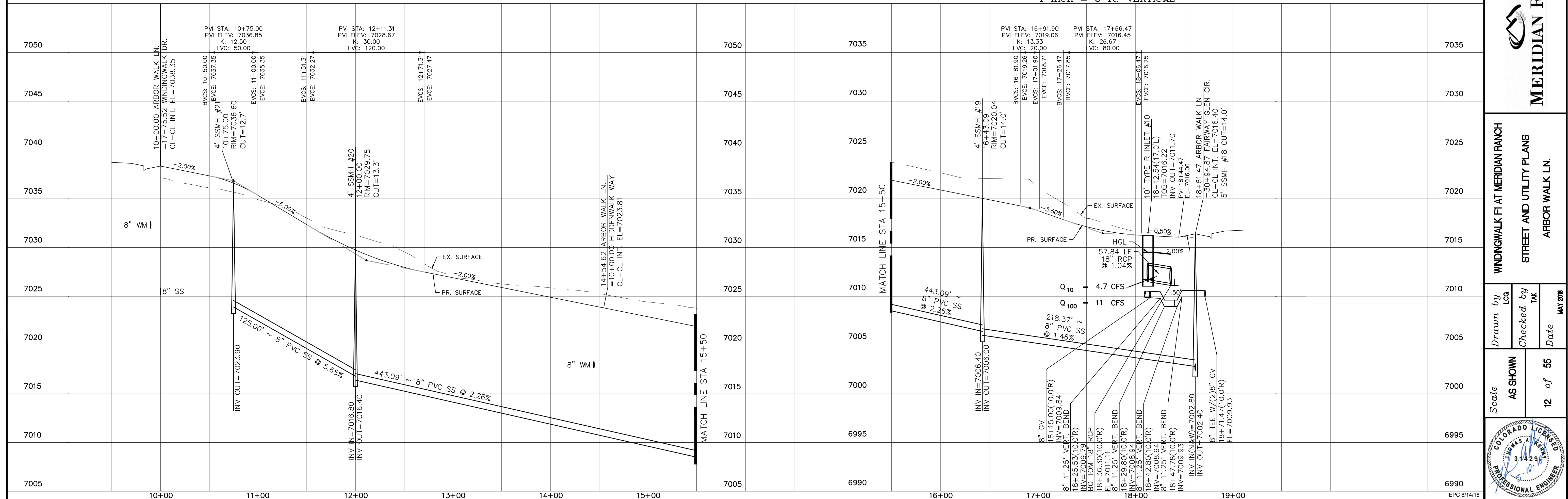
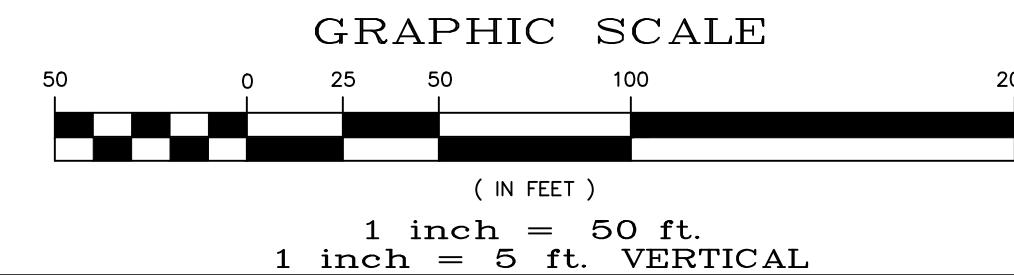
WINDINGWALK FL AT MERIDIAN RANCH
STREET AND UTILITY PLANS
ARBOR WALK LN.

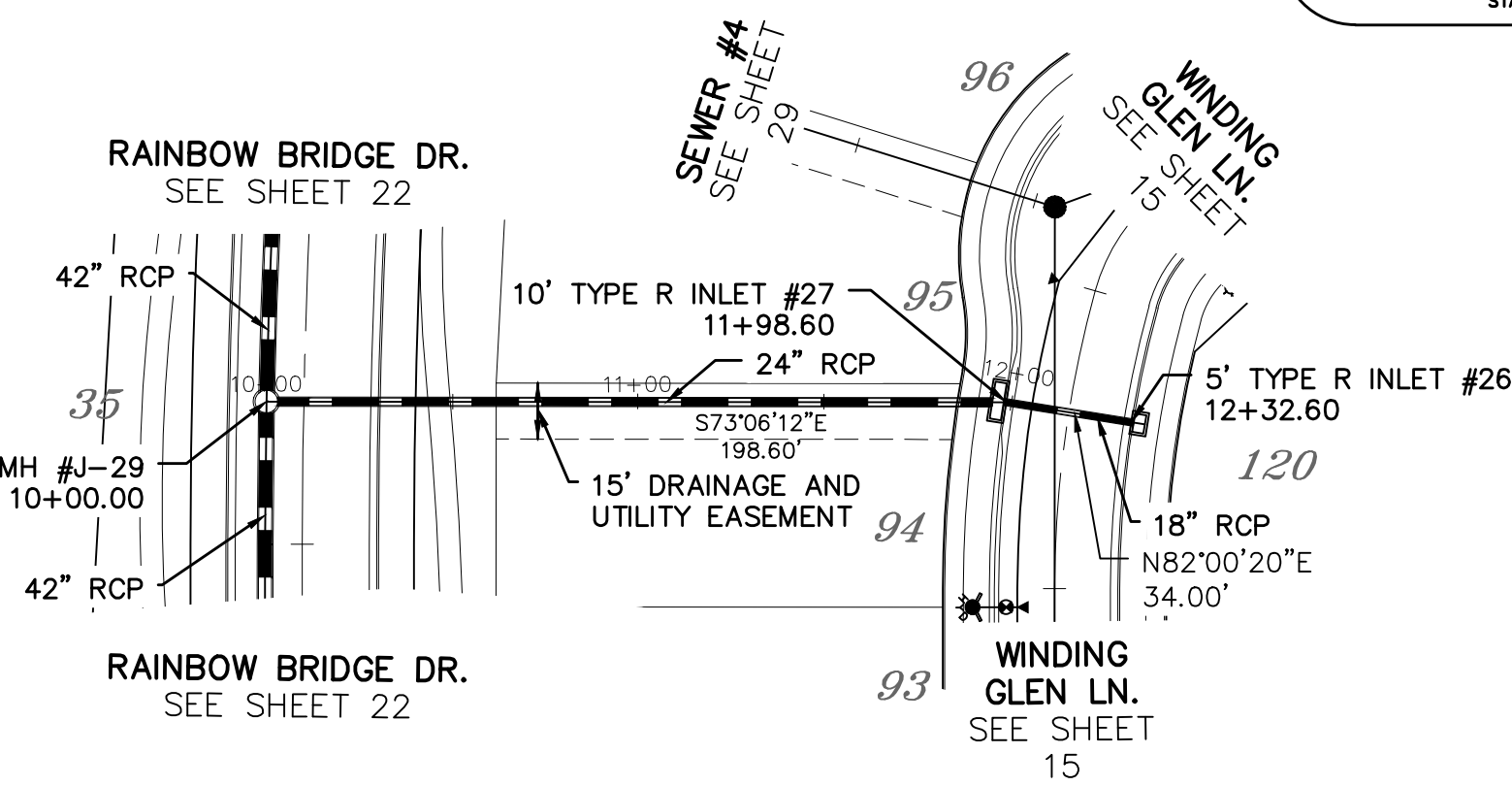
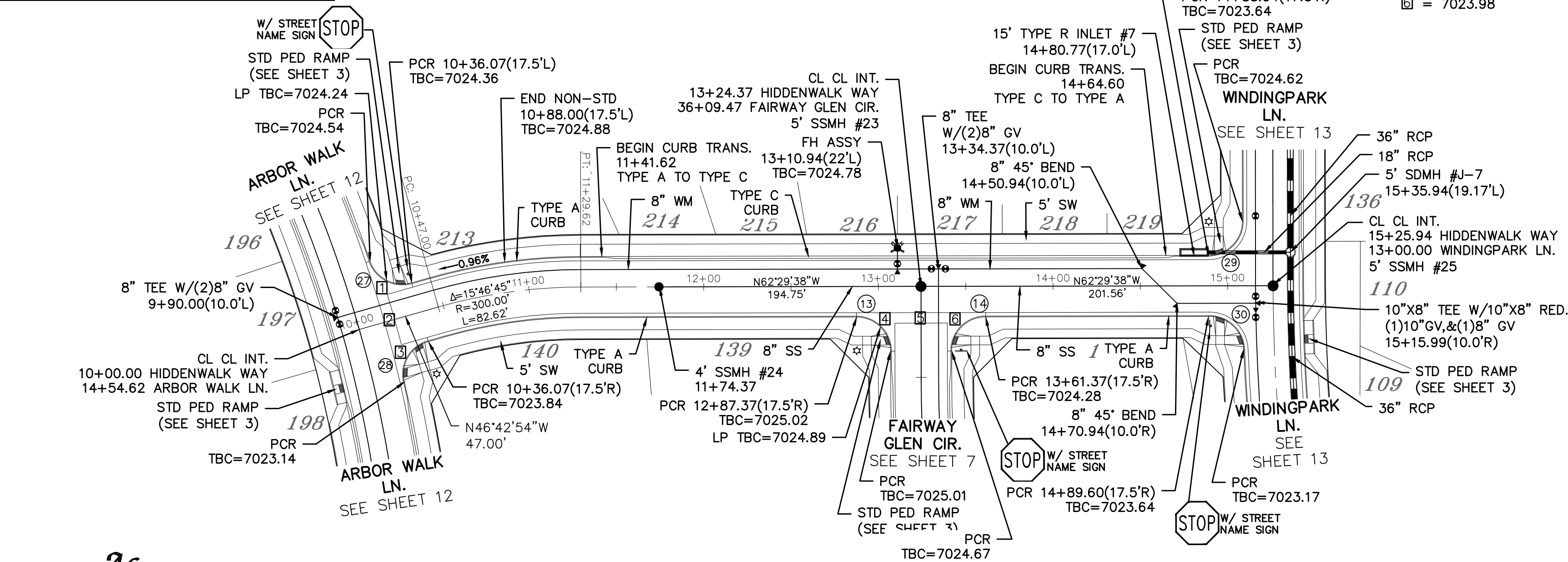
Scale AS SHOWN	<i>Drawn by</i> Log
	<i>Checked by</i> TAK
	<i>Date</i> MAY 2018



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
7	32.04'	19.50'	94°08'36"
8	34.84'	19.50'	102°22'10"
17	30.63'	19.50'	90°00'00"
18	30.63'	19.50'	90°00'00"
27	29.65'	19.50'	87°07'20"
28	29.65'	19.50'	87°07'20"

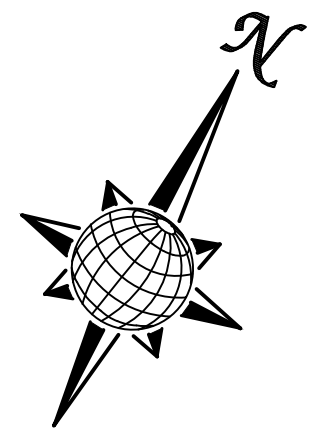
ALL CURB RADII ARE TO TOP BACK OF
CURB (TYP.)





CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
13	30.63'	19.50'	90°00'00"
14	30.63'	19.50'	90°00'00"
27	29.65'	19.50'	87°07'20"
28	29.65'	19.50'	87°07'20"
29	30.63'	19.50'	90°00'00"
30	29.93'	19.50'	87°57'19"

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



HIDDENWALK WAY

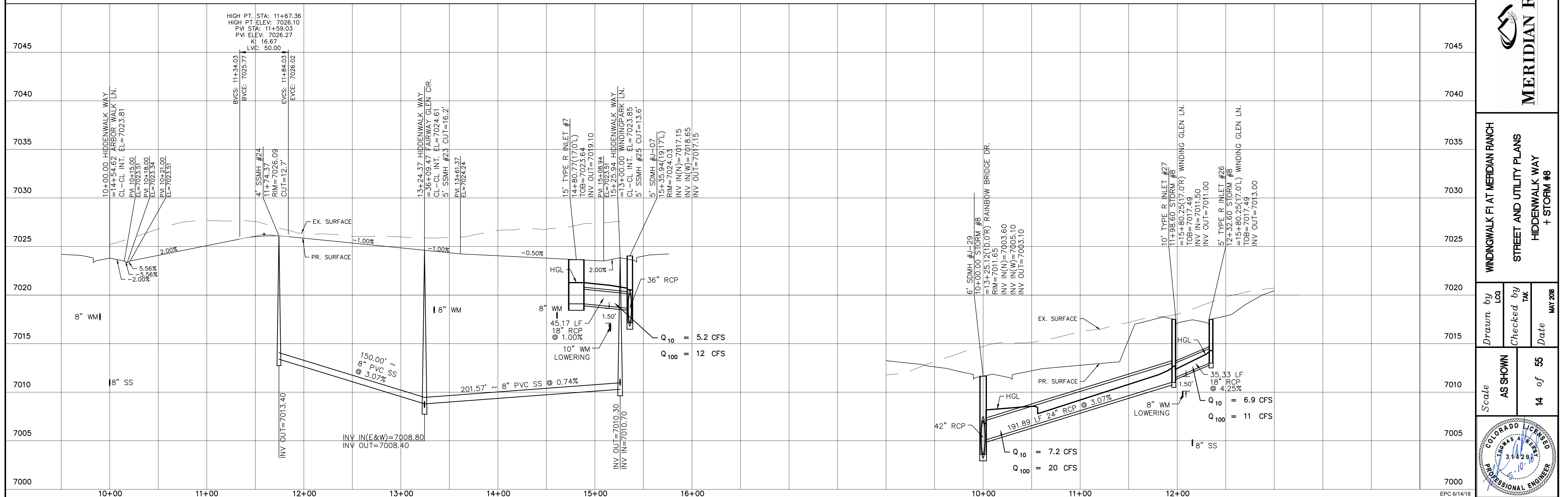
URBAN LOCAL, 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)




GRAPHIC SCALE

(IN FEET)

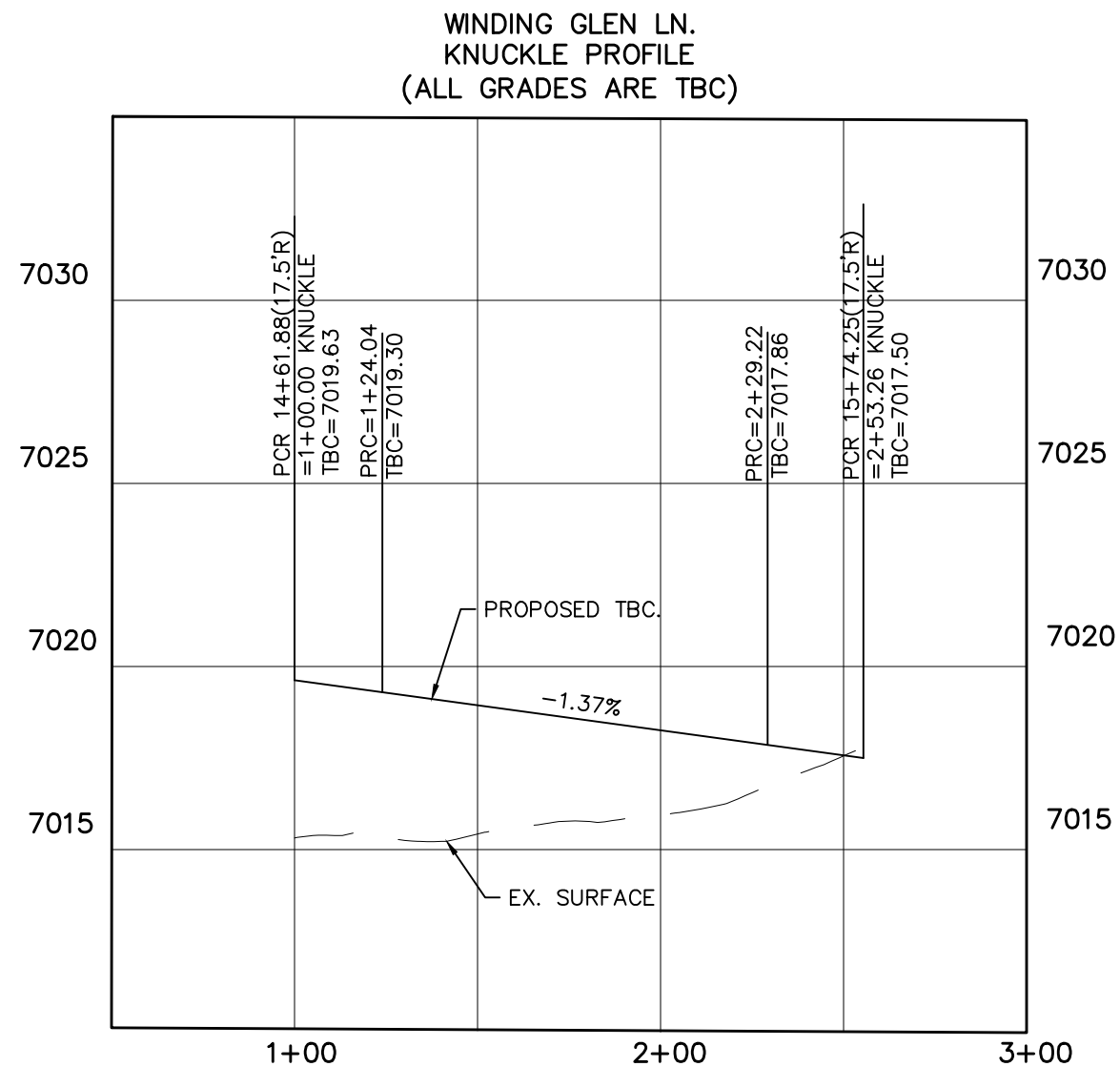
1 inch = 50 ft.
1 inch = 5 ft. VERTICAL





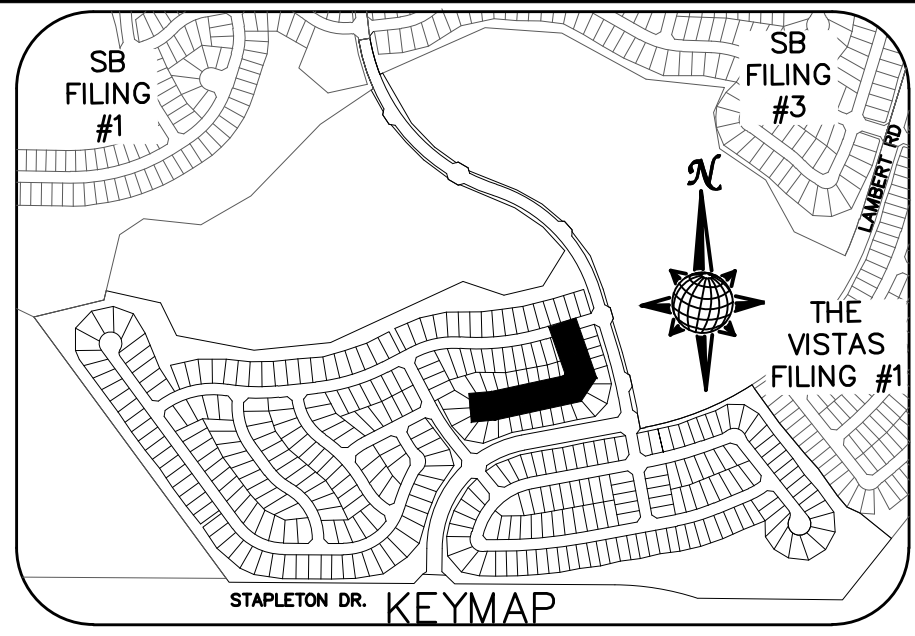
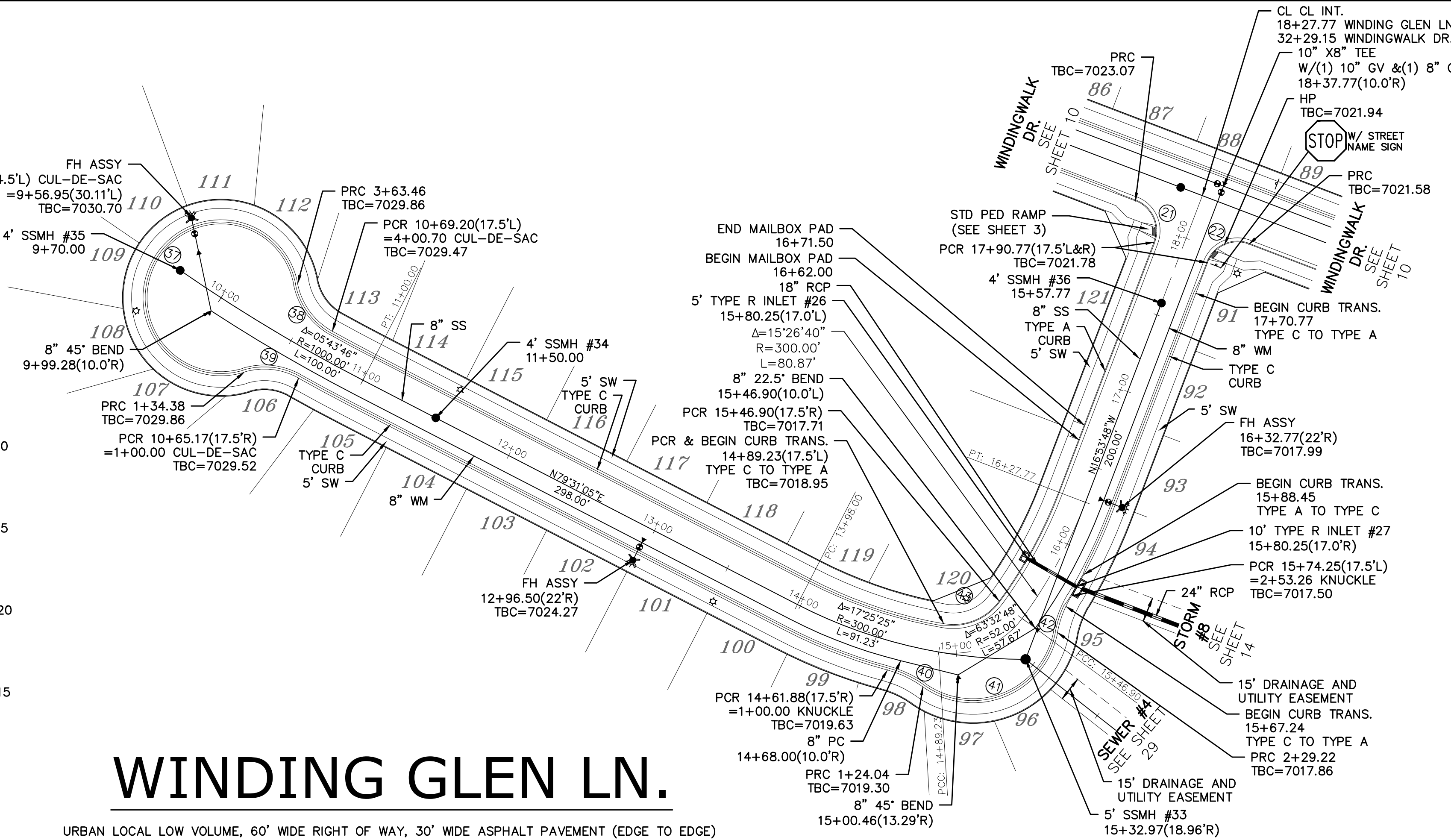
TWO WORKING DAYS
**BEFORE YOU DIG
CALL 811**

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



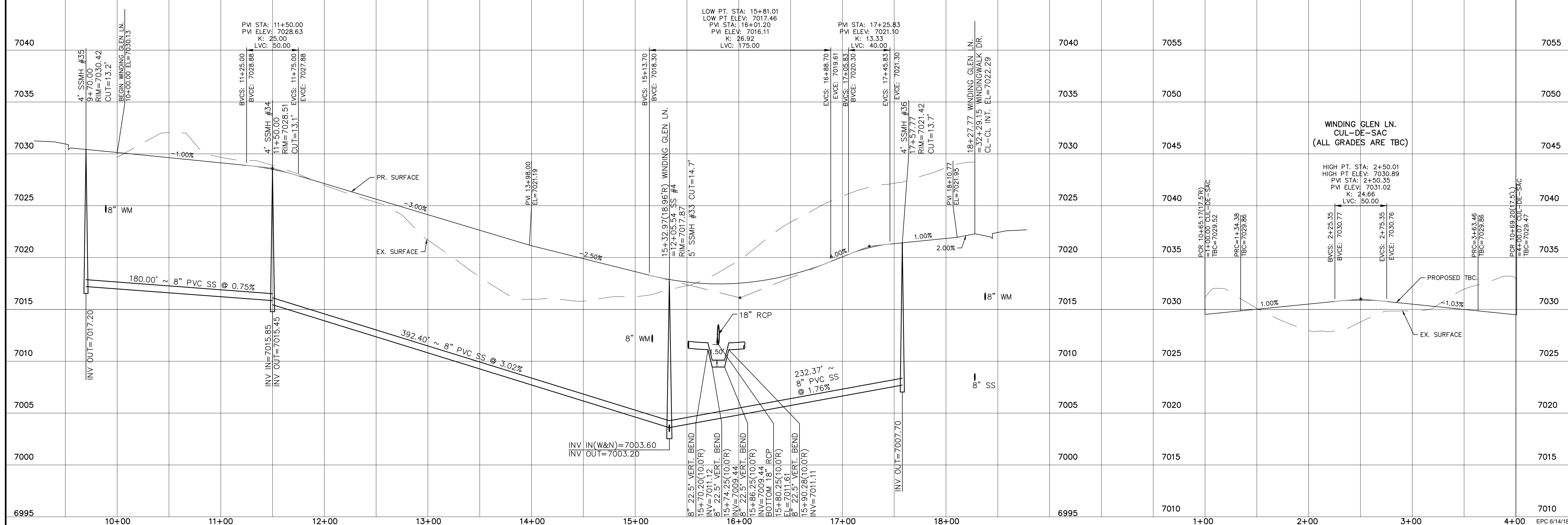
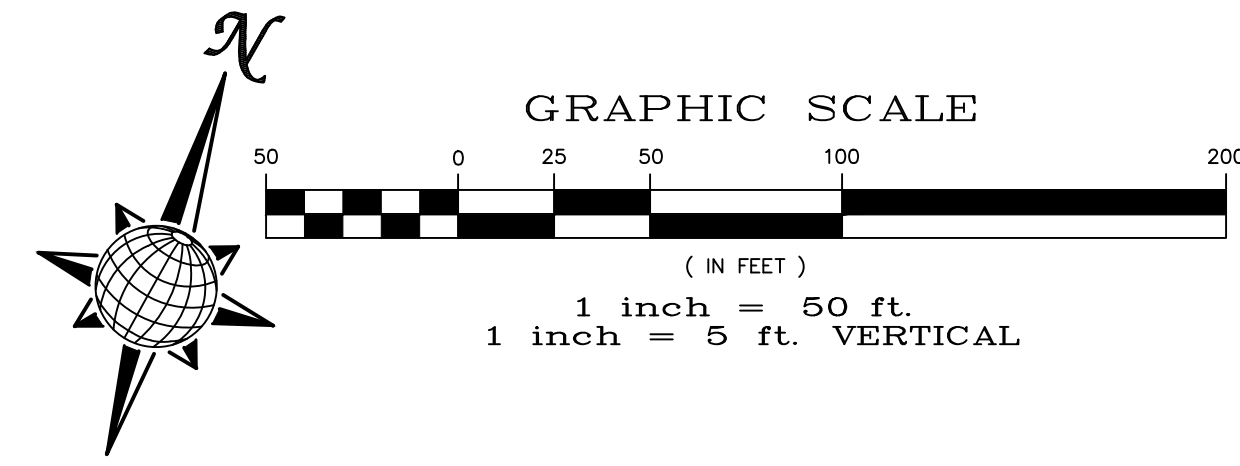
WINDING GLEN LN.

URBAN LOCAL LOW VOLUME, 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
21	30.63'	19.50'	90°00'00"
22	30.63'	19.50'	90°00'00"
37	229.08'	47.50'	276°19'18"
38	37.24'	42.50'	50°12'10"
39	34.38'	42.50'	46°21'00"
40	24.04'	67.50'	20°24'08"
41	105.19'	52.50'	114°47'50"
42	24.04'	67.50'	20°24'08"
43	38.26'	34.50'	63°32'48"

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



Date

Appr.

Init.

Date

No.

Revisions


TECH CONTRACTORS

11886 STAPLETON DRIVE

FALCON, CO 80831

TELEPHONE 719.495.7444

FAX 719.495.2457



MERIDIAN RANCH

WINDINGWALK F1 AT MERIDIAN RANCH

STREET AND UTILITY PLANS

WINDING GLEN LN.

Drawn by

Loc

Checked by

TAK

Date

MAY 2018

Scale

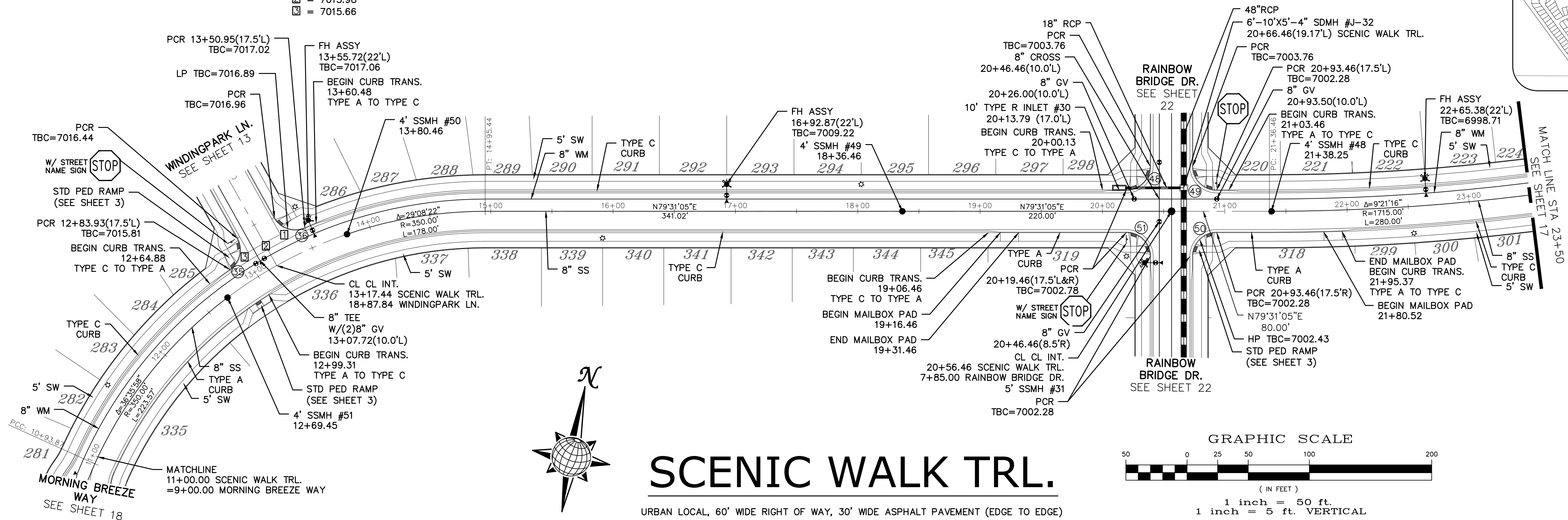
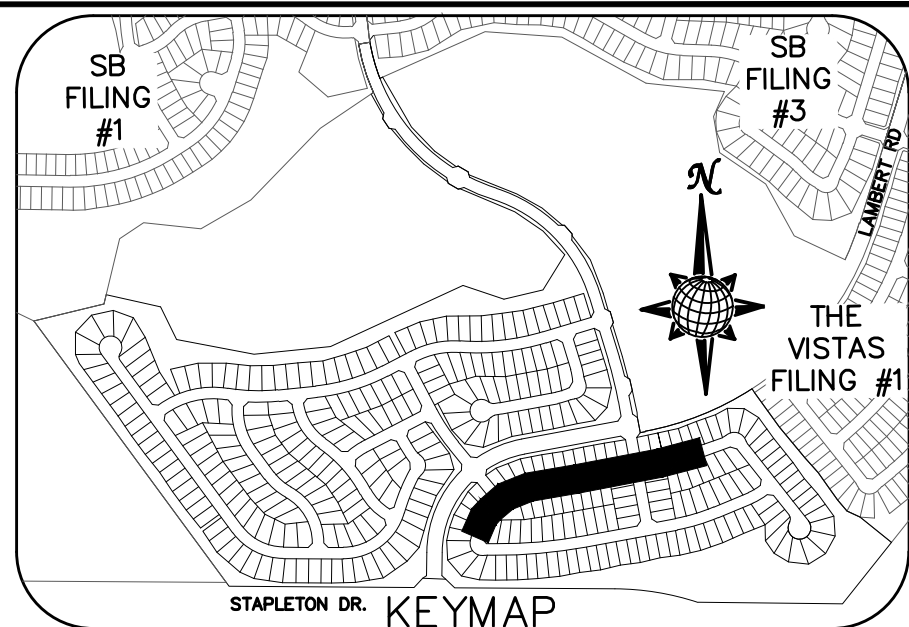
AS SHOWN

15 of 55

COLORADO LICENSED PROFESSIONAL ENGINEER

31429

10/10/18

$$\begin{aligned} \textcircled{1} &= 7016.29 \\ \textcircled{2} &= 7015.98 \\ \textcircled{3} &= 7015.66 \end{aligned}$$


CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
35	28.76'	19.50'	84°30'49"
36	28.76'	19.50'	84°30'49"
48	30.63'	19.50'	90°00'00"
49	30.63'	19.50'	90°00'00"
50	30.63'	19.50'	90°00'00"
51	30.63'	19.50'	90°00'00"

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

No.	Revisions	Date	Init.	Appr.	Date

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831

TELEPHONE: 719.495.7444
FAX: 719.495.2457



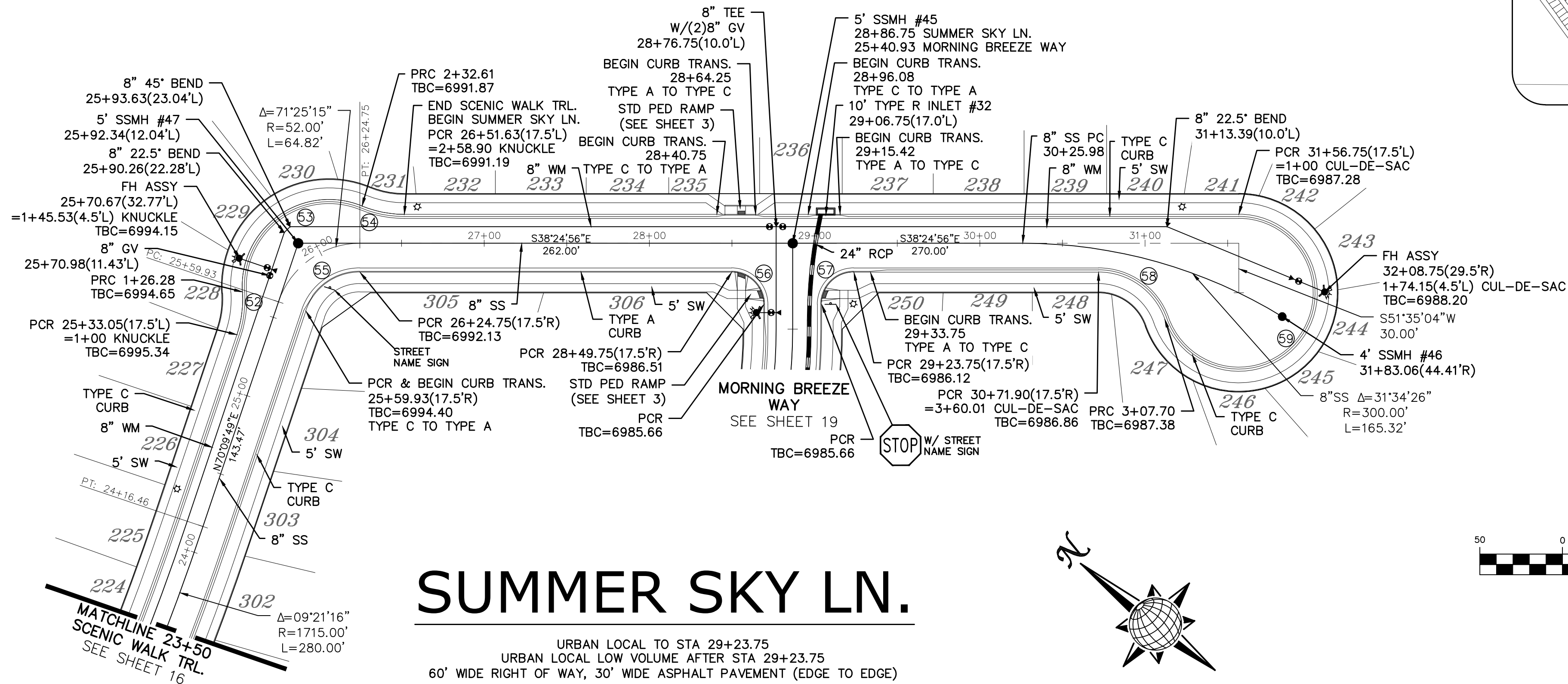
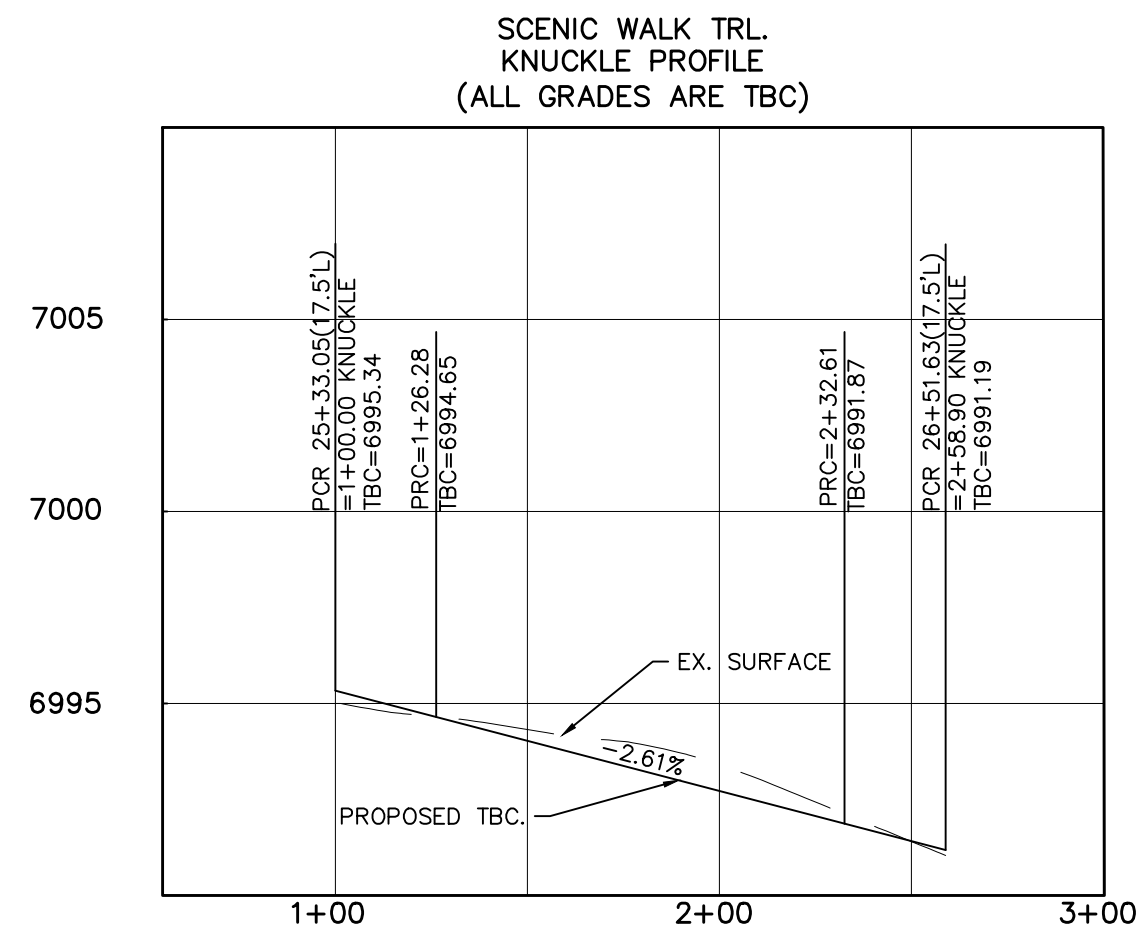
MERIDIAN RANCH

WINDINGWALK FI AT MERIDIAN RANCH
STREET AND UTILITY PLANS
SCENIC WALK TRAIL

<i>Drawn by</i> LCG	<i>Checked by</i> TAK	<i>Date</i> MAY 2018
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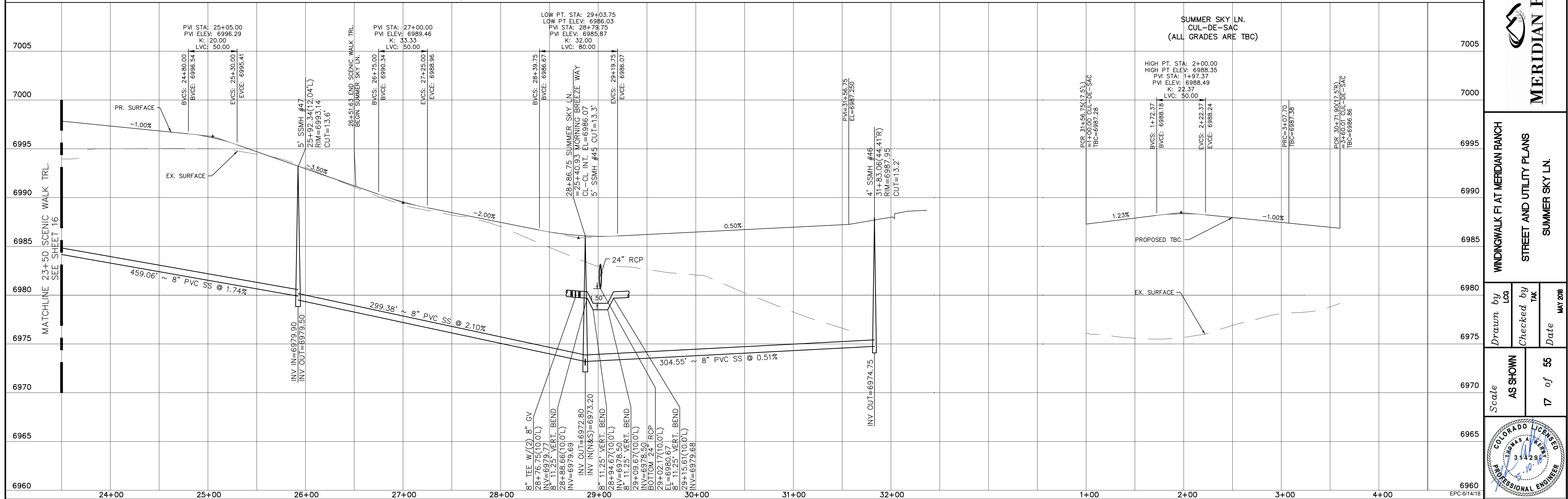
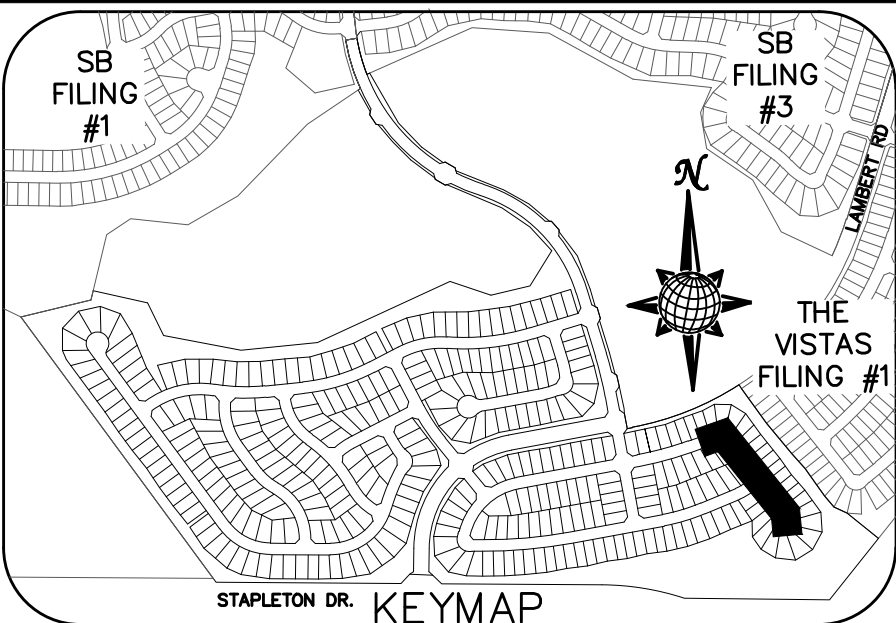
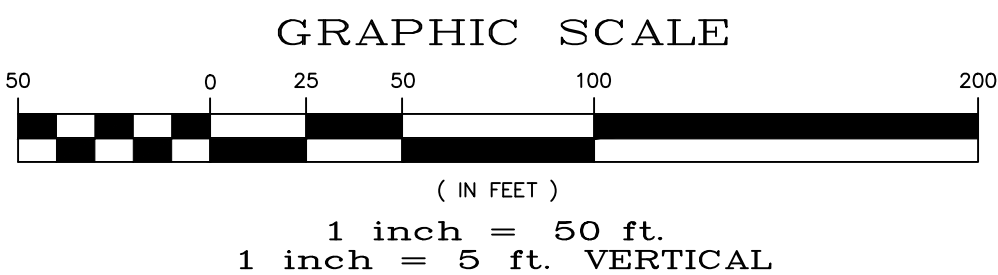
Scale
AS SHOWN

PCD PROJECT NO. SF-18-002

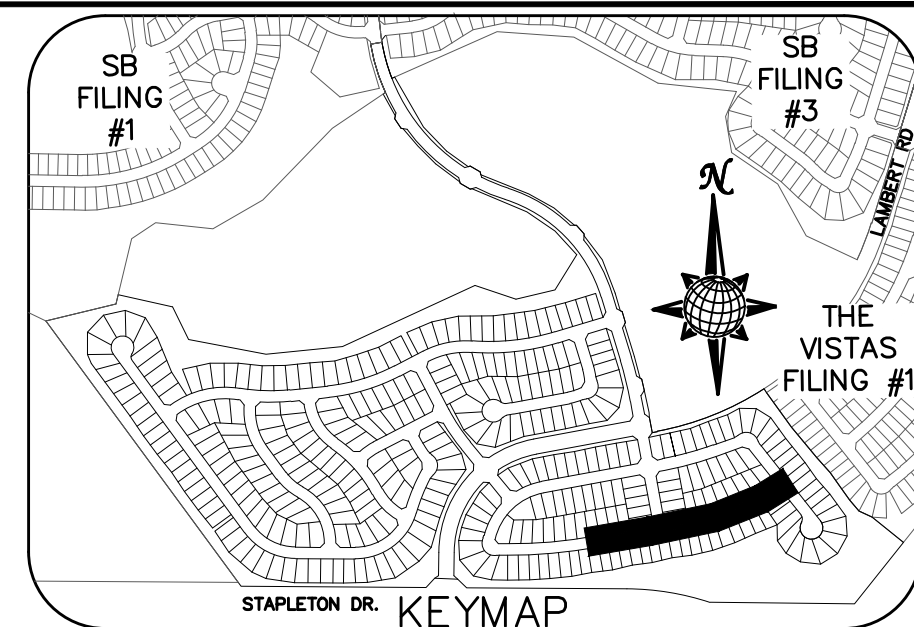


CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
52	26.28'	67.50'	22°18'38"
53	106.33'	52.50'	116°02'31"
54	26.28'	67.50'	22°18'38"
55	43.01'	34.50'	71°25'15"
56	30.63'	19.50'	90°00'00"
57	30.63'	19.50'	90°00'00"
58	52.32'	42.50'	70°31'44"
59	207.70'	47.50'	250°31'44"

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

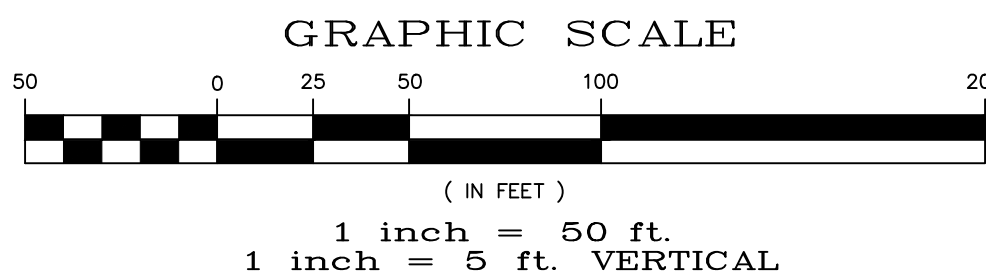






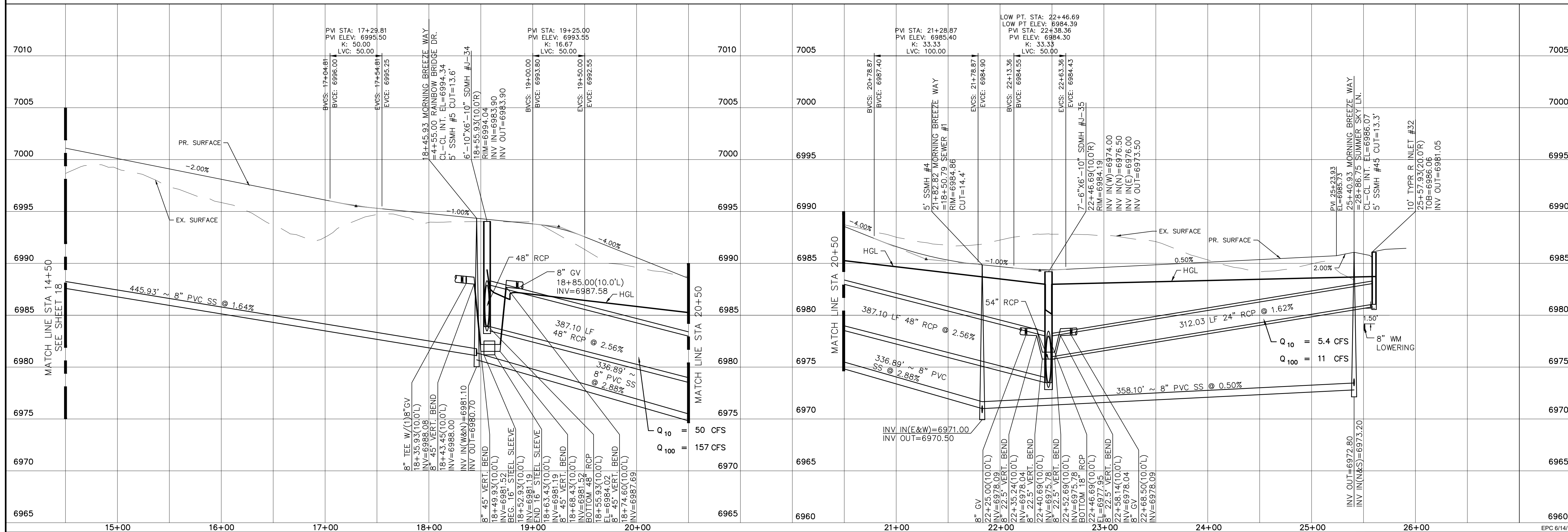
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
56	30.63'	19.50'	90°00'00"
57	30.63'	19.50'	90°00'00"
60	30.63'	19.50'	90°00'00"
61	30.63'	19.50'	90°00'00"

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



MORNING BREEZE WAY

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



No.	Revisions	Date	Issd.	Appr.	Date

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457

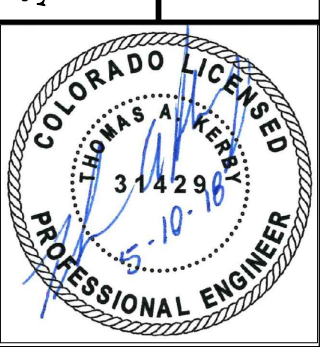


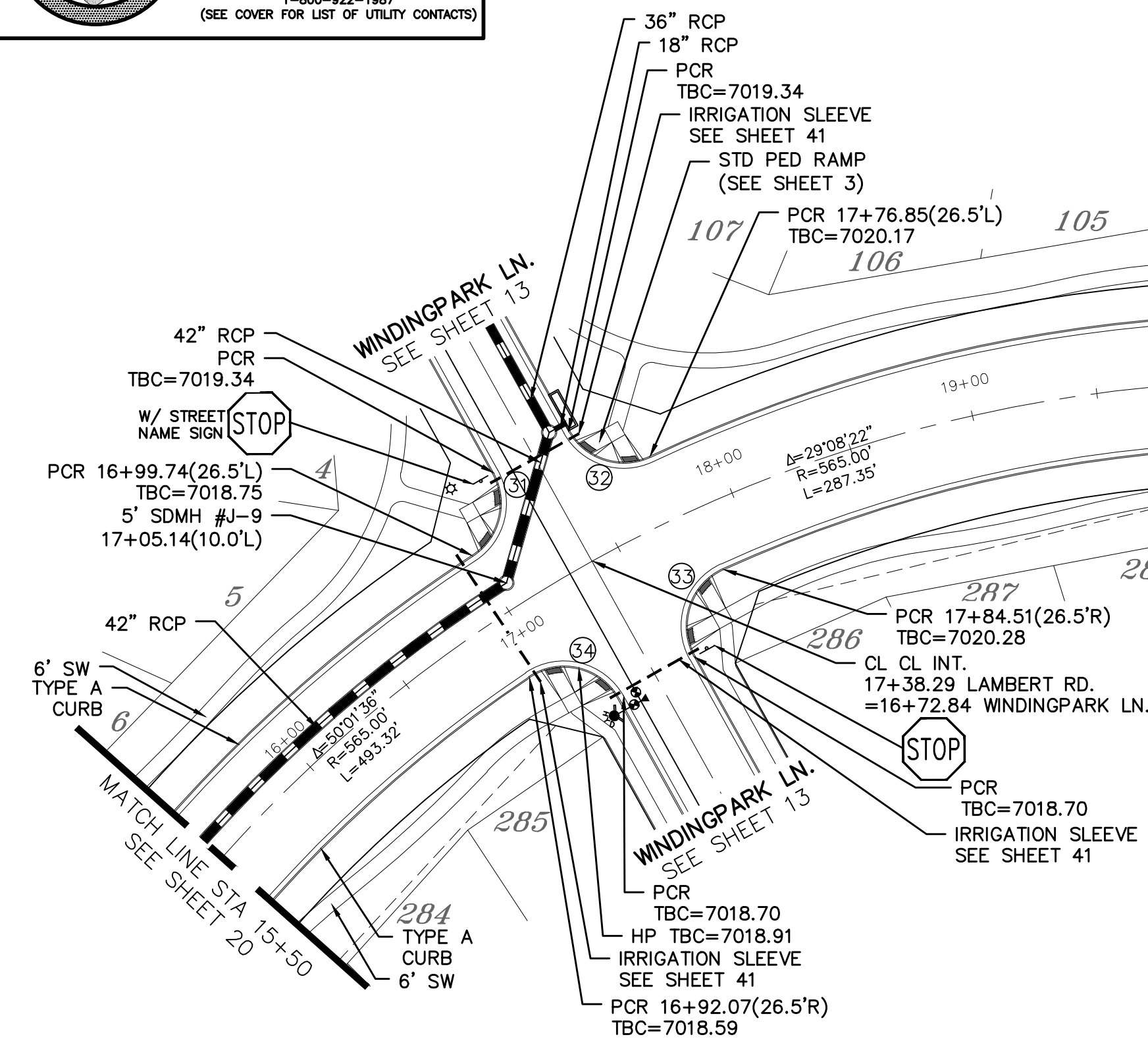
MERIDIAN RANCH

WINDINGWALK F1 AT MERIDIAN RANCH
STREET AND UTILITY PLANS
MORNING BREEZE WAY

Drawn by LOG	Checked by TAK	Date MAY 2018
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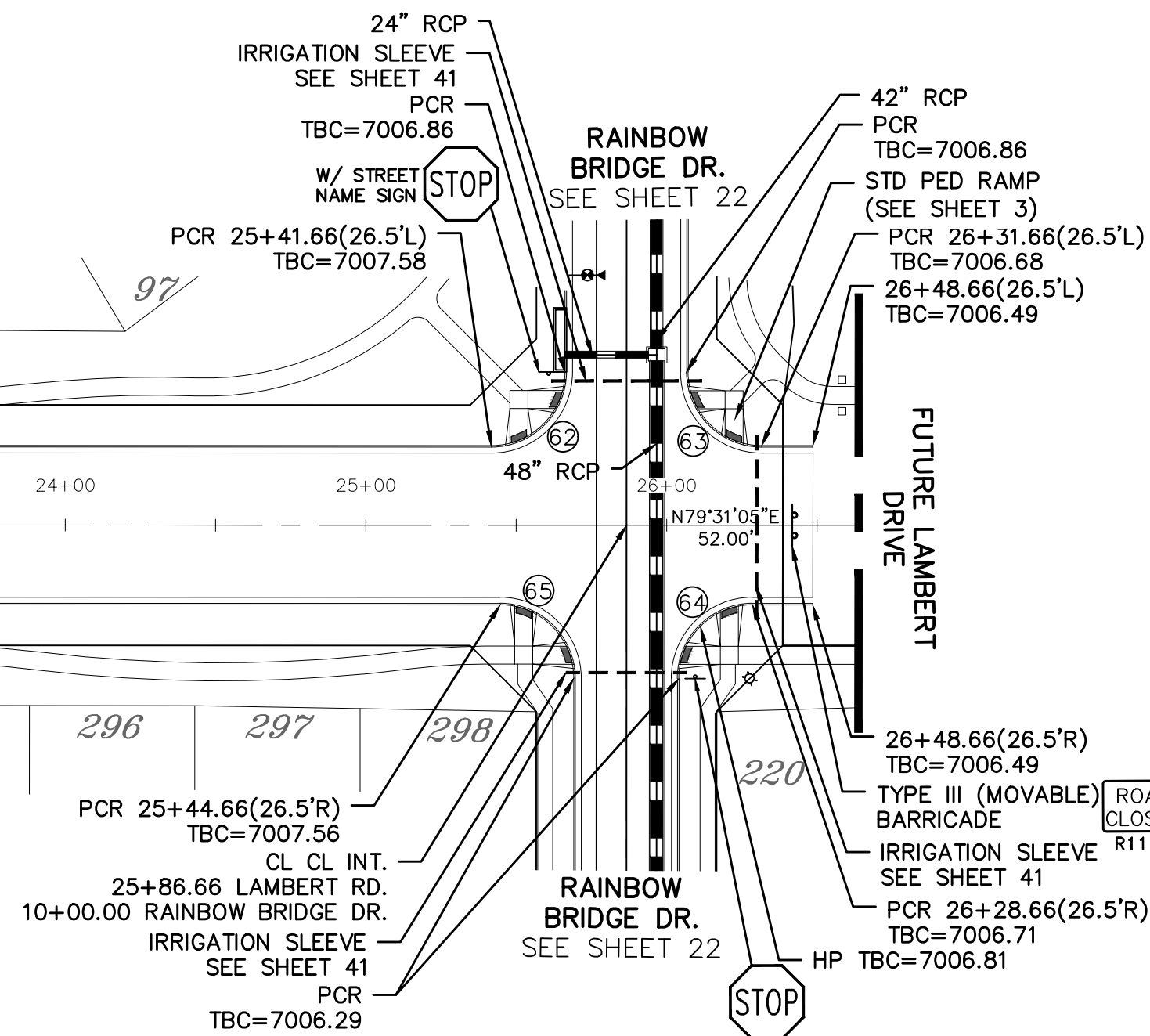
Scale	AS SHOWN
19	of 55





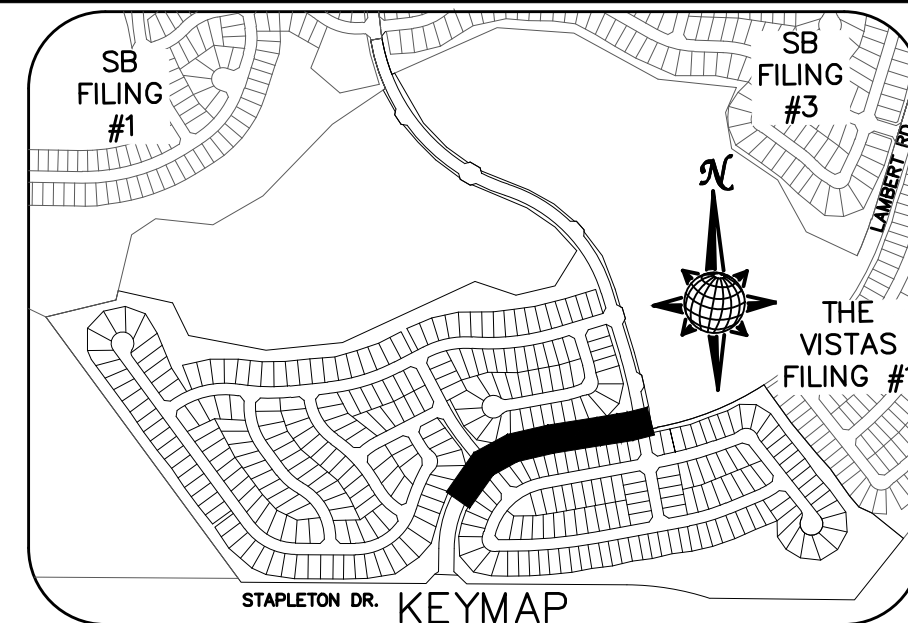
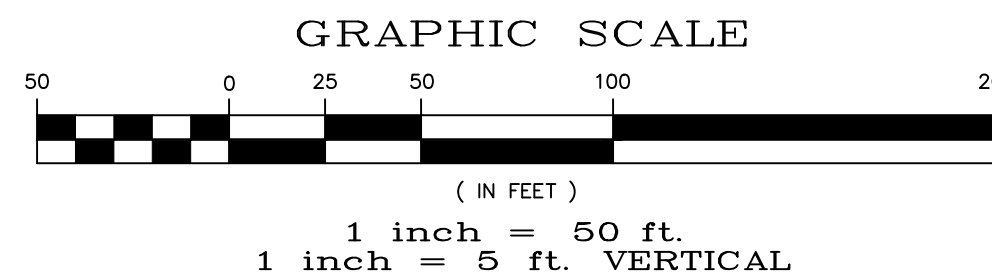
LAMBERT RD.

NON-RESIDENTIAL COLLECTOR, 80' WIDE RIGHT OF WAY, 48' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
31	36.81'	24.50'	86°05'26"
32	36.81'	24.50'	86°05'26"
33	40.49'	24.50'	94°41'13"
34	40.49'	24.50'	94°41'13"
62	38.48'	24.50'	90°00'00"
63	38.48'	24.50'	90°00'00"
64	38.48'	24.50'	90°00'00"
65	38.48'	24.50'	90°00'00"

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



No.	Revisions	Date	Instr.	Appr.	Date

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457



MERIDIAN RANCH

WINDINGWALK F1 AT MERIDIAN RANCH

STREET AND UTILITY PLANS

LAMBERT RD.

Drawn by

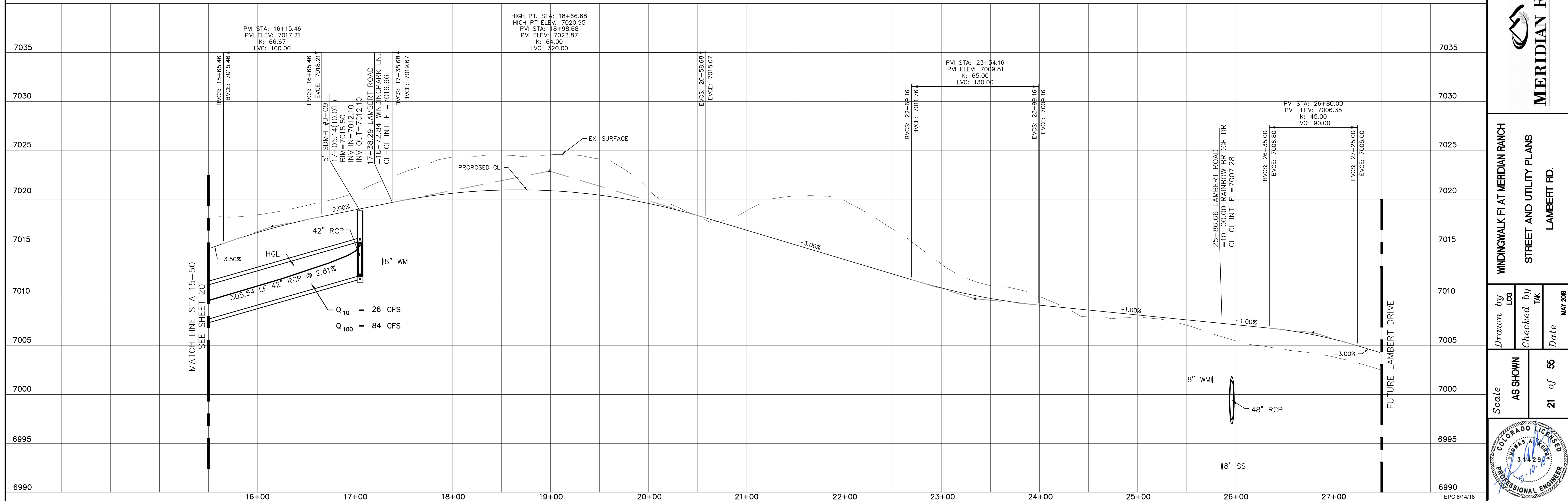
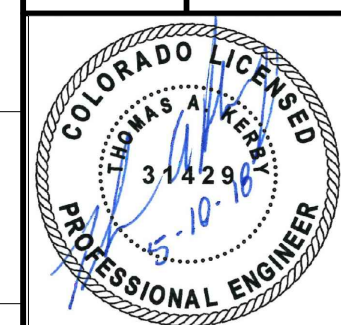
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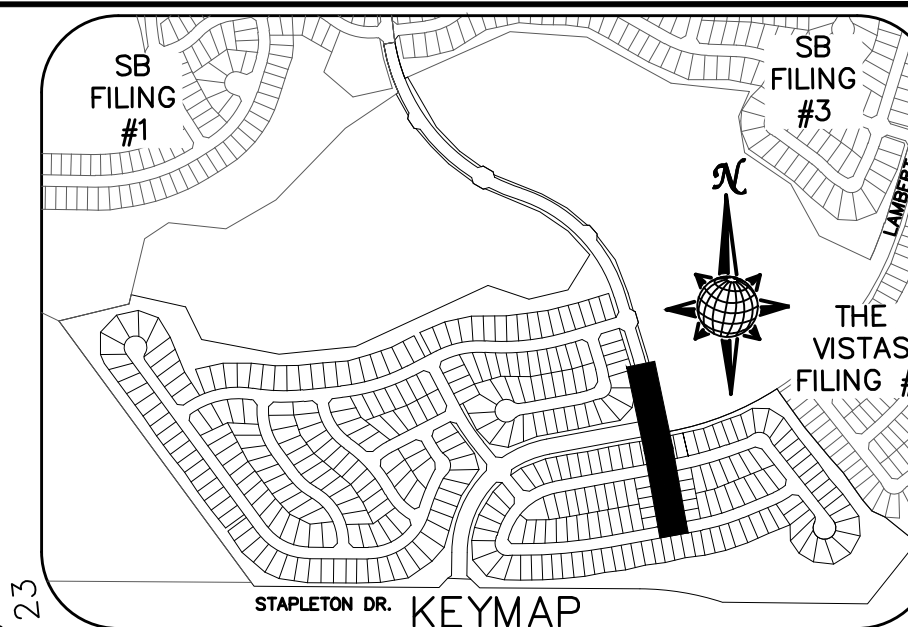
Date	1/2/2020
Page	1

Scale

As 31

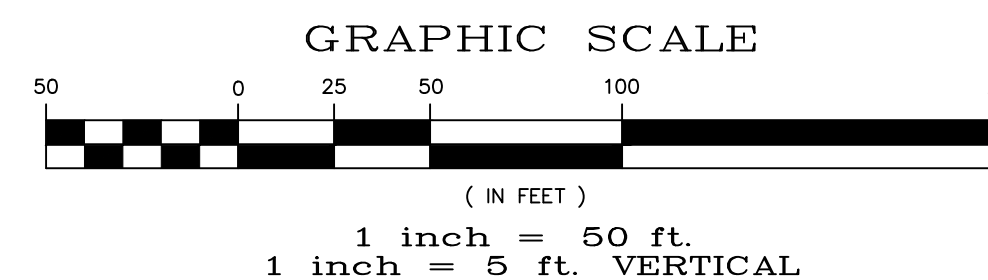
21 of





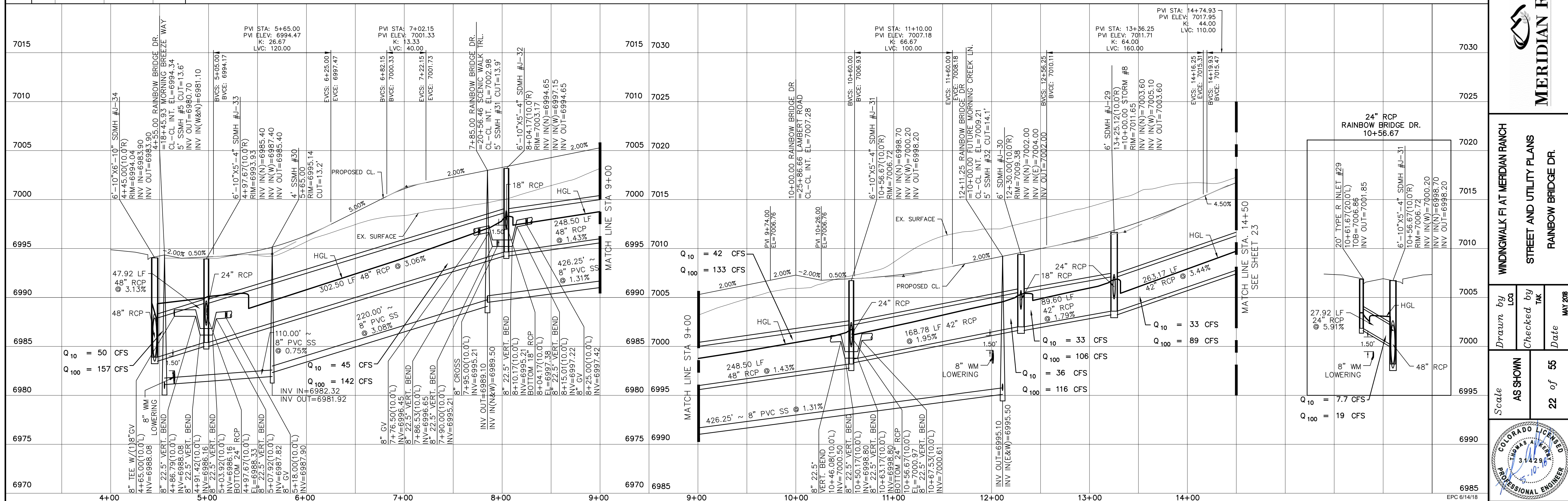
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
48	30.63'	19.50'	90°00'00"
49	30.63'	19.50'	90°00'00"
50	30.63'	19.50'	90°00'00"
51	30.63'	19.50'	90°00'00"
60	30.63'	19.50'	90°00'00"
61	30.63'	19.50'	90°00'00"
62	38.48'	24.50'	90°00'00"
63	38.48'	24.50'	90°00'00"
64	38.48'	24.50'	90°00'00"
65	38.48'	24.50'	90°00'00"
66	37.98'	24.50'	88°49'23"
67	37.98'	24.50'	88°49'23"

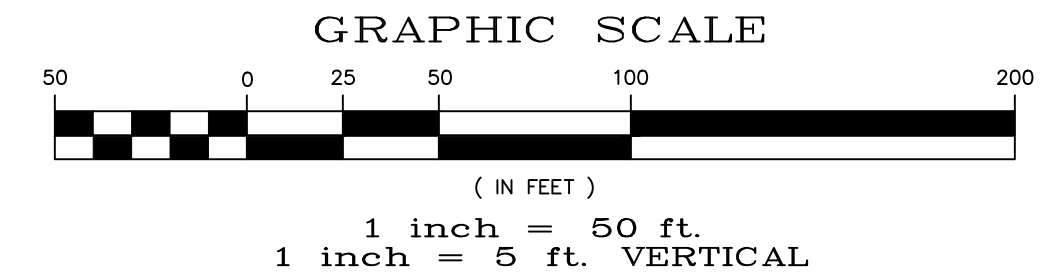
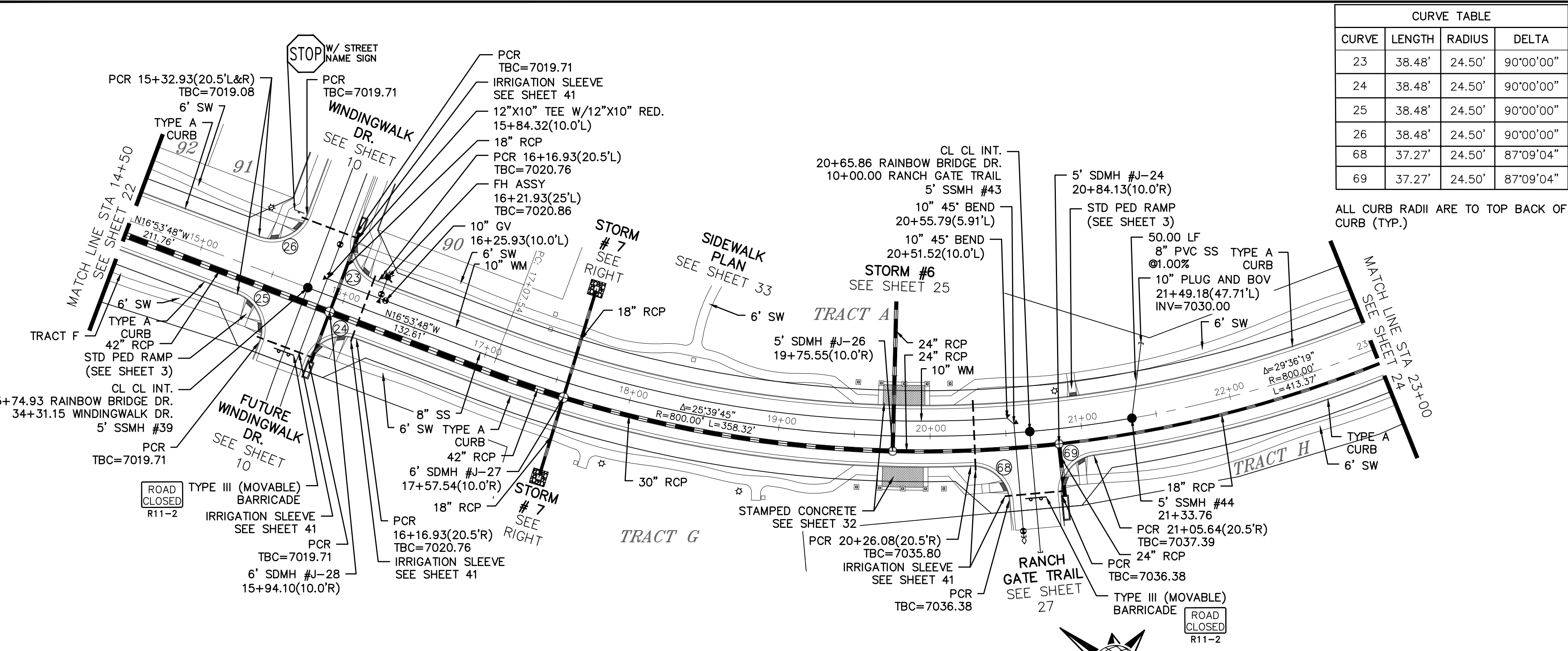
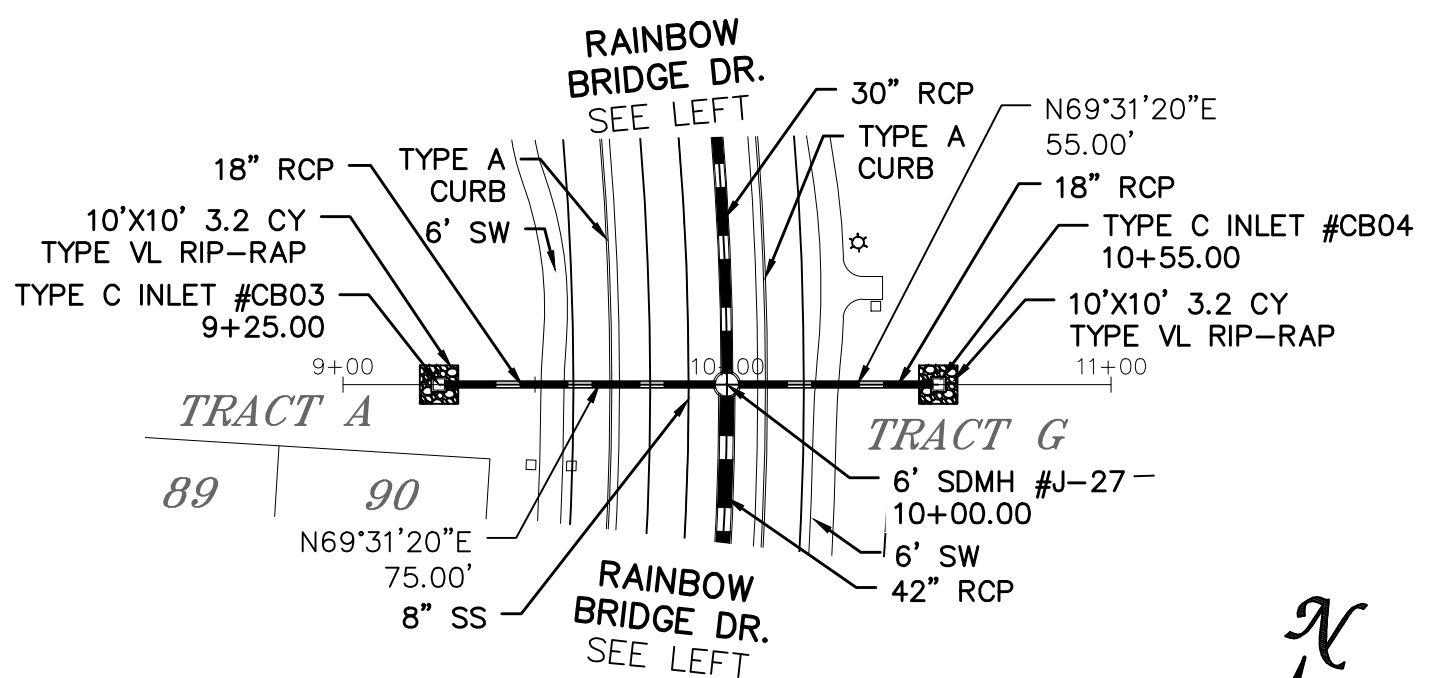
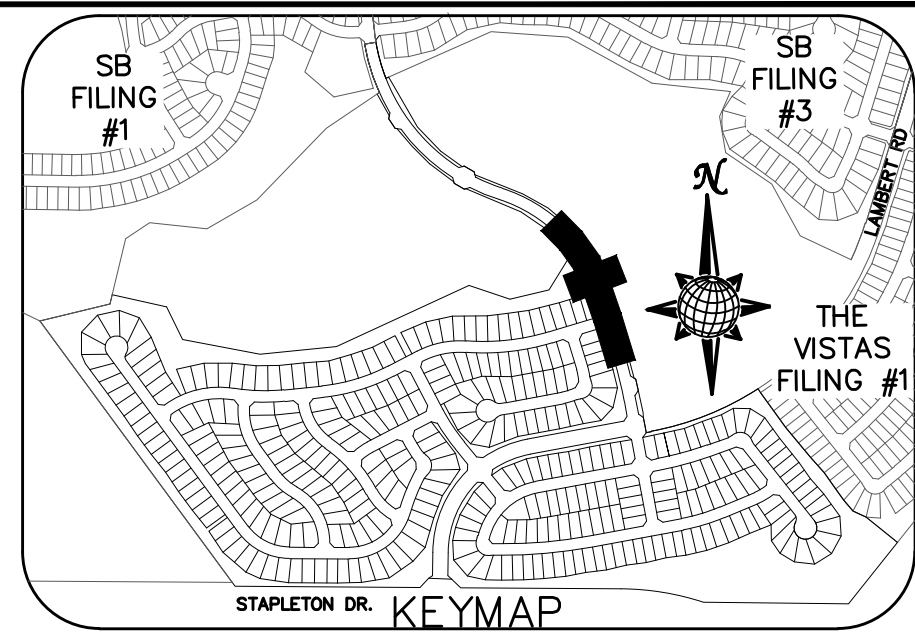
ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)



RAINBOW BRIDGE DR.

URBAN LOCAL TO STA 9+49.00, 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)
RESIDENTIAL COLLECTOR AFTER STA 10+51.00, 60' WIDE RIGHT OF WAY, 36' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)





RAINBOW BRIDGE DR.

RESIDENTIAL COLLECTOR, 60' WIDE RIGHT OF WAY, 36' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)

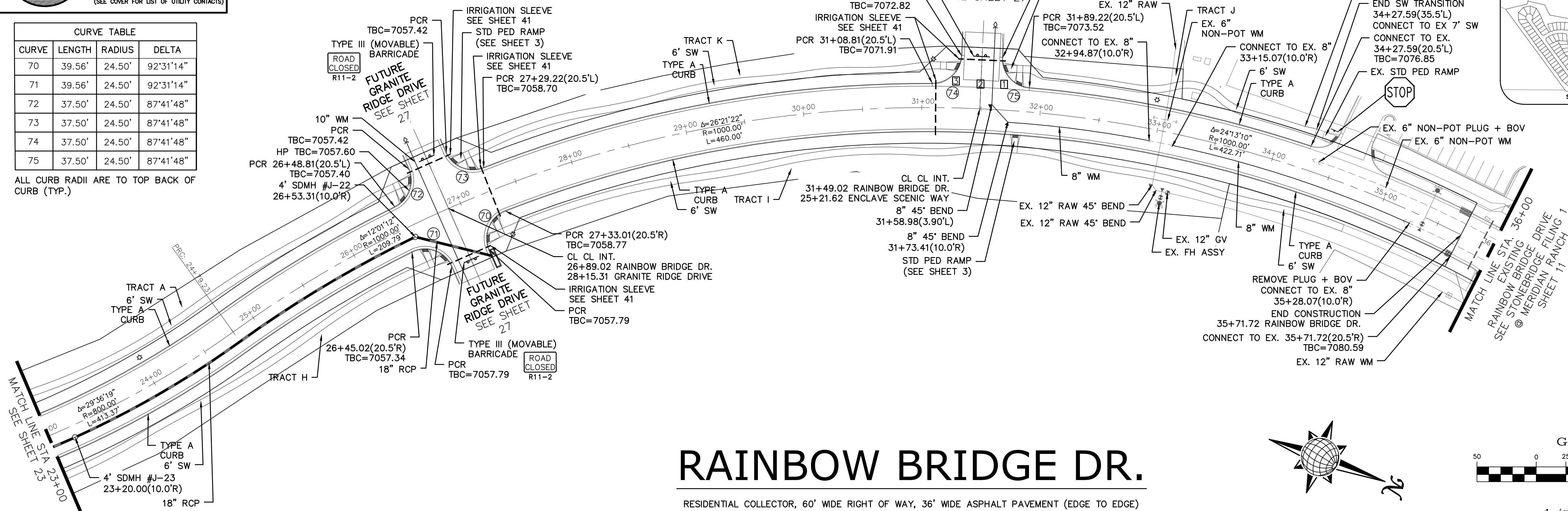


STORM #7

[illegible]

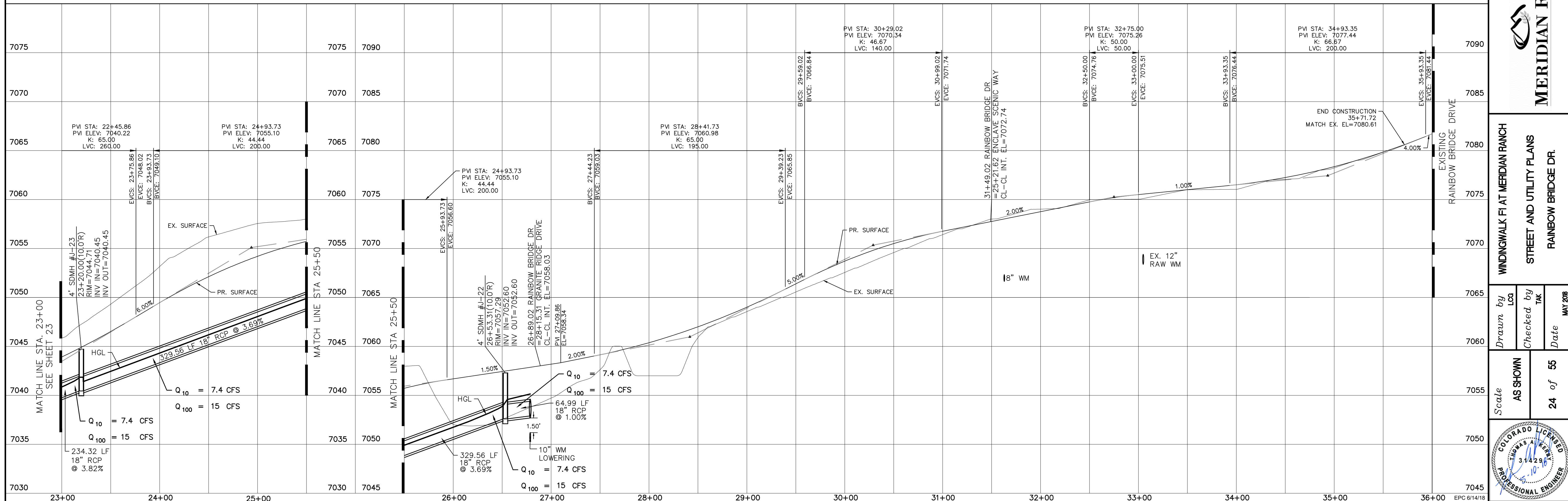
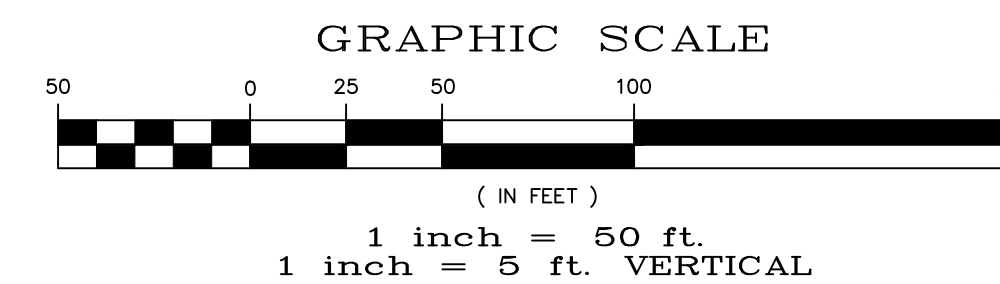
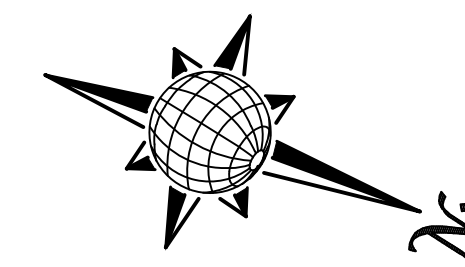
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
70	39.56'	24.50'	92°31'14"
71	39.56'	24.50'	92°31'14"
72	37.50'	24.50'	87°41'48"
73	37.50'	24.50'	87°41'48"
74	37.50'	24.50'	87°41'48"
75	37.50'	24.50'	87°41'48"

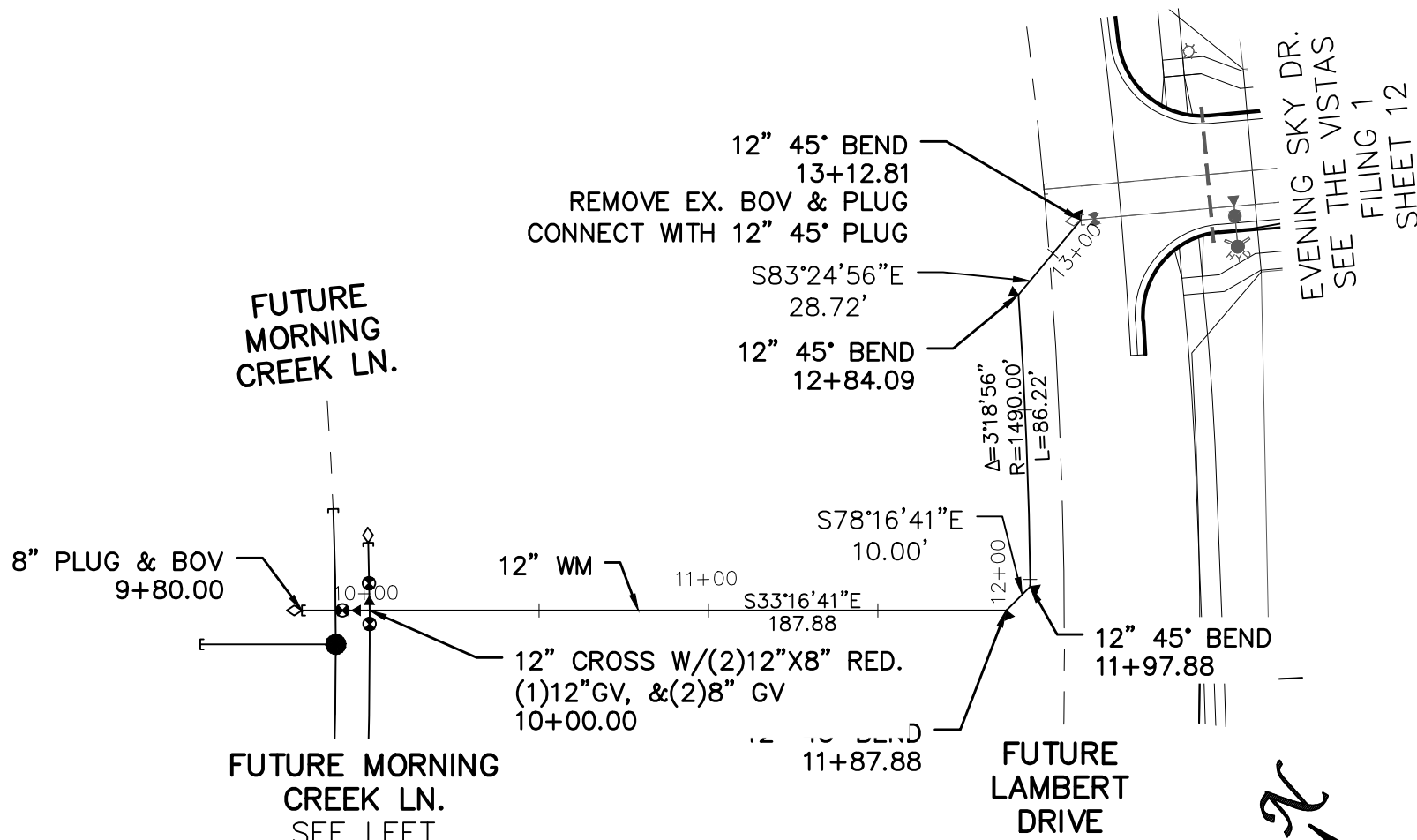
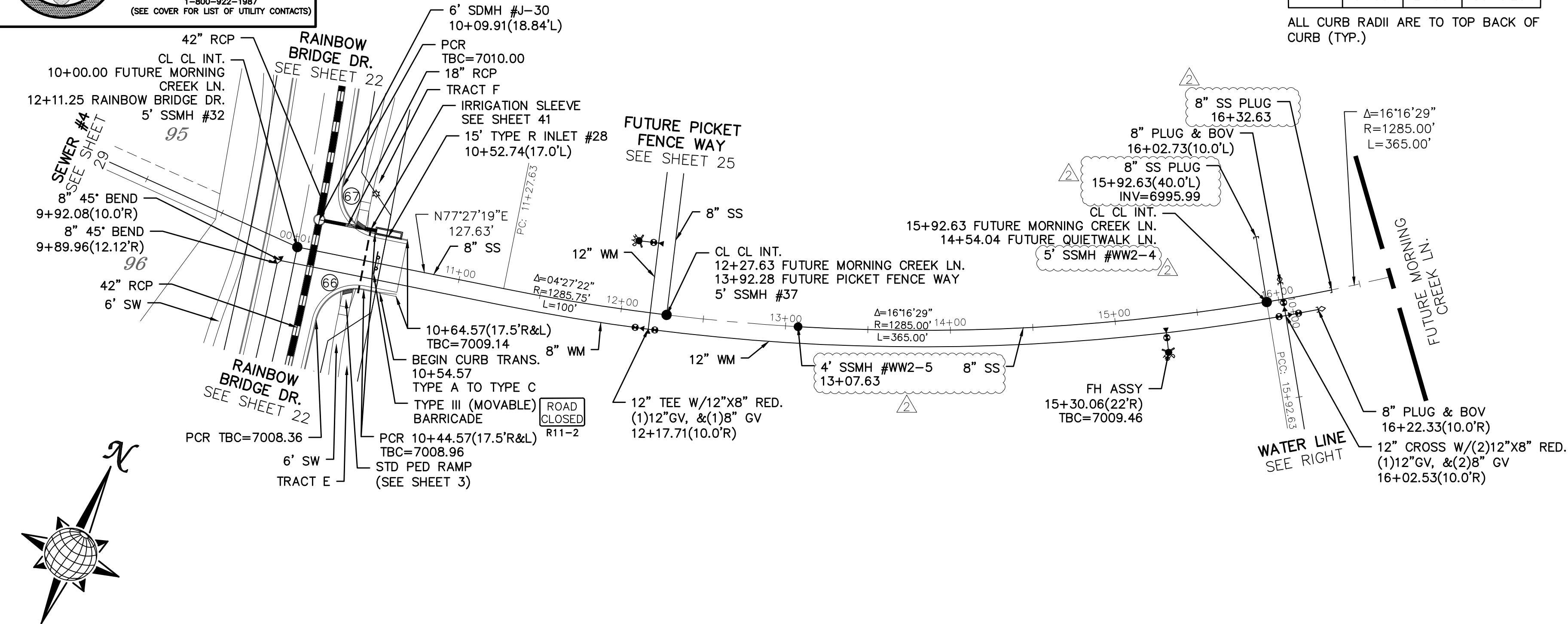
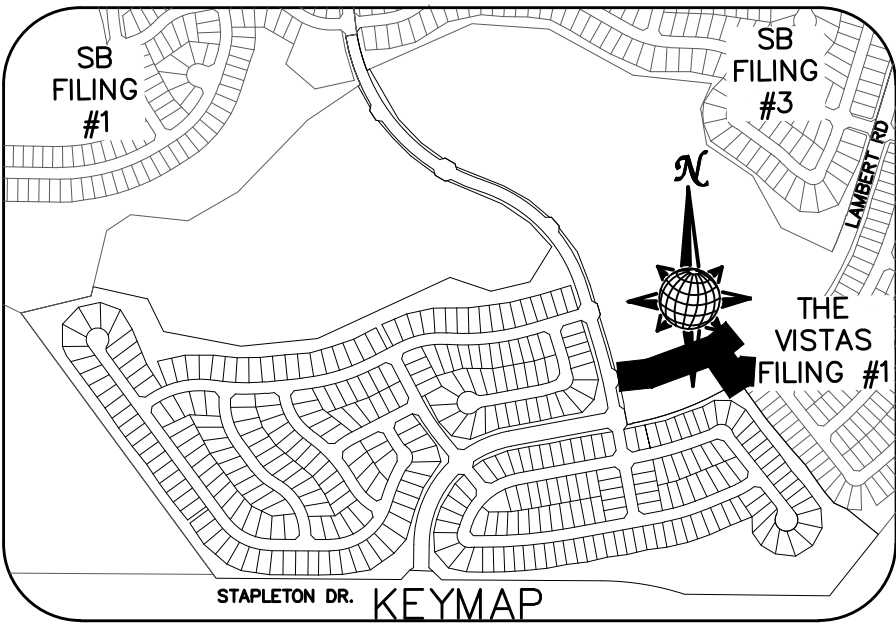
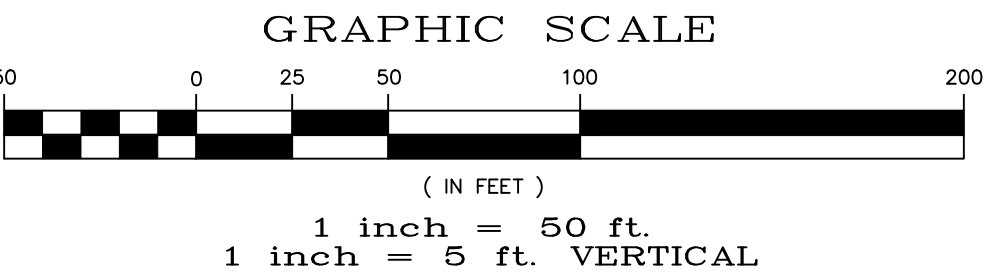
ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)



RAINBOW BRIDGE DR.

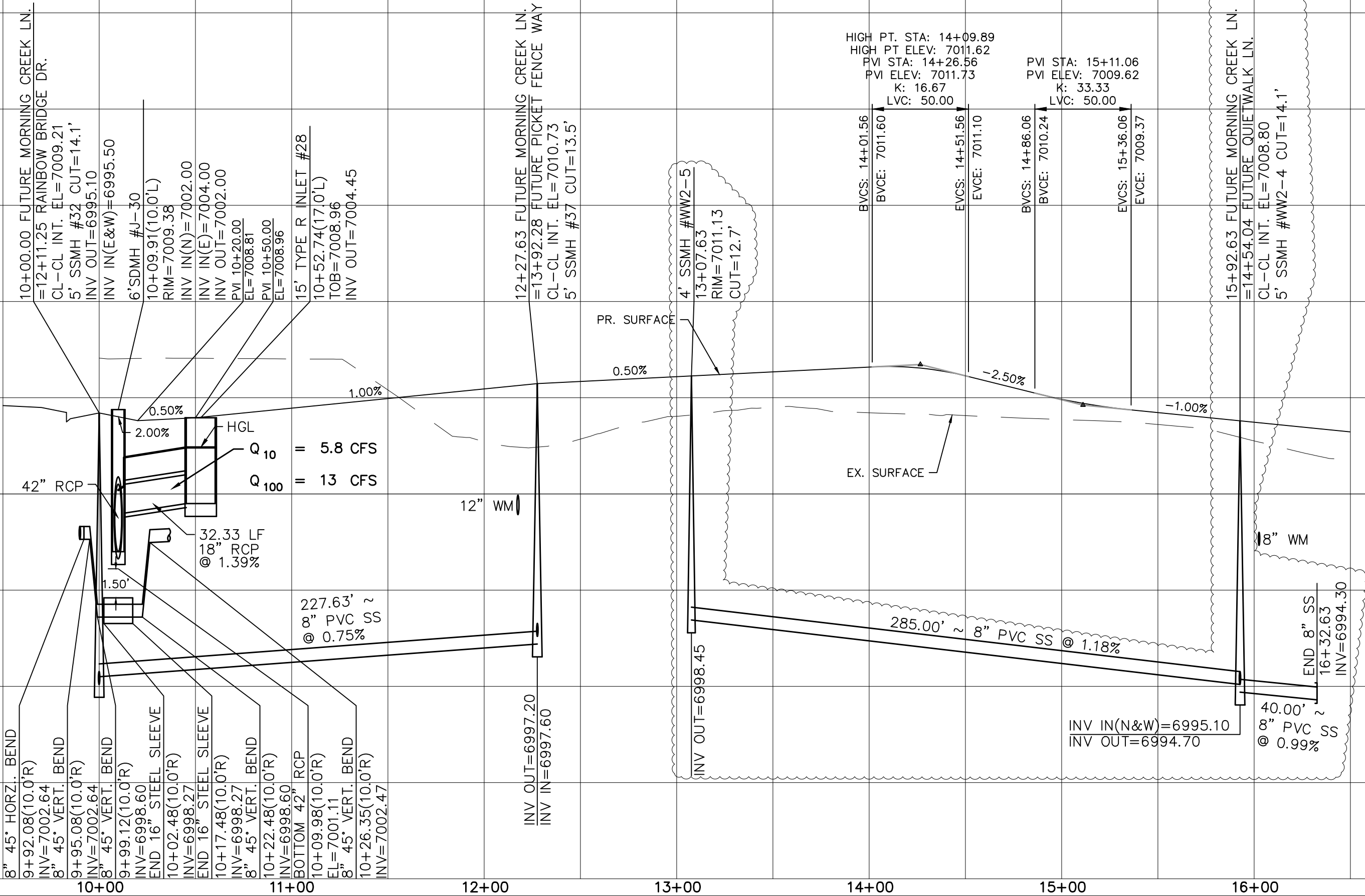
RESIDENTIAL COLLECTOR, 60' WIDE RIGHT OF WAY, 36' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)





12" WATER MAIN

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



	Scale AS SHOWN	Drawn by LOQ	WINDINGWALK FI AT MERIDIAN RANCH STREET AND UTILITY PLANS FUTURE MORNING CREEK LN. + 12' WATER MAIN	 MERIDIAN RANCH	TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457	1	54" RCP OUTLET PROTECTION (SH 20 + 140)	06/29/18	LOQ		
						2	ADD SS FLUT. MORNING CREEK LN(SH 26,36,37,38,40,48,142)	07/16/18	LOQ		
	26 of 55	Date MAY 2008				No.	Revisions	Date	Invt.	Appr.	Date

ENCLAVE SCENIC WAY

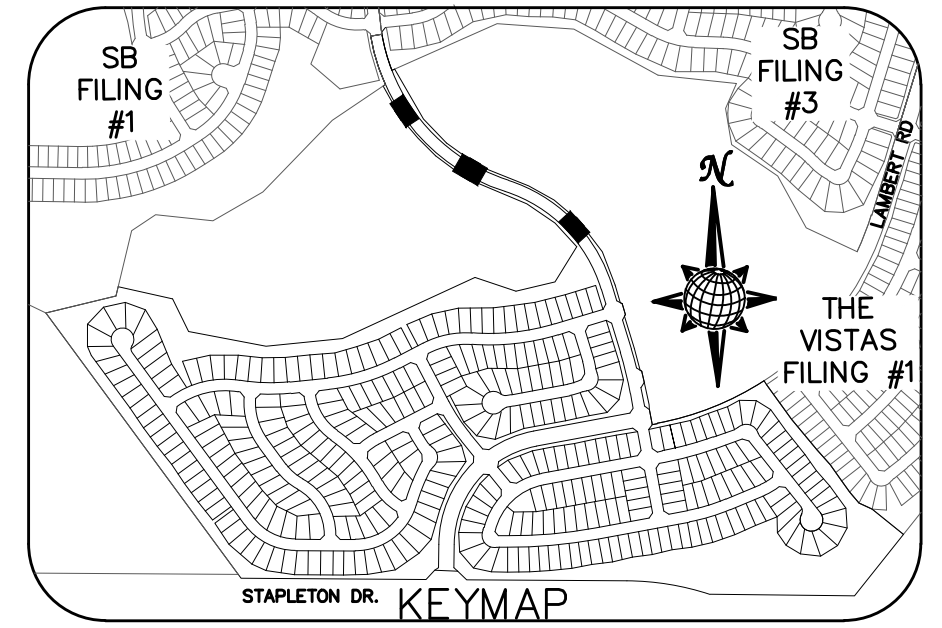
URBAN LOCAL, 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)

GRANITE RIDGE DR.

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

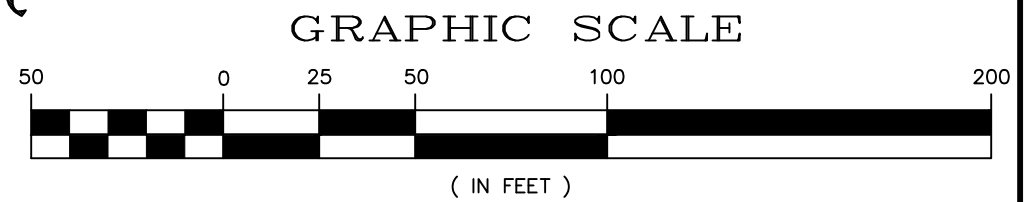
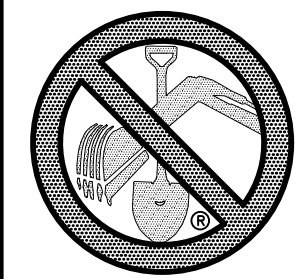
RANCH GATE TRL.

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



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
68	37.27'	24.50'	87°09'04"
69	37.27'	24.50'	87°09'04"
70	39.56'	24.50'	92°31'14"
71	39.56'	24.50'	92°31'14"
72	37.50'	24.50'	87°41'48"
73	37.50'	24.50'	87°41'48"
74	37.50'	24.50'	87°41'48"
75	37.50'	24.50'	87°41'48"

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


$$\frac{1 \text{ inch}}{1 \text{ inch}} = \frac{50 \text{ ft.}}{5 \text{ ft. VERTICAL}}$$


**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)

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831

TELEPHONE: 719.495.7444
FAX: 719.495.2457

MERIDIAN RANCH

WINDINGWALK F1A1 MEHDIAN HANCH

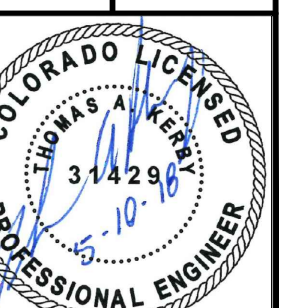
STREET AND UTILITY PLANS


RAINBOW BRIDGE INTERSECTIONS

Drawn by	LOG
Checked by	TAK
Date	MAY 2018

AS SHOWN

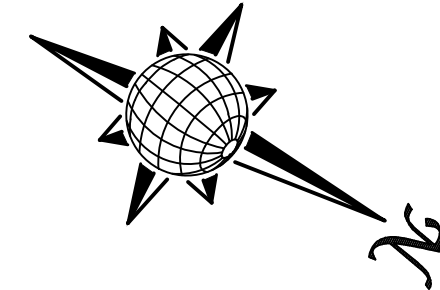
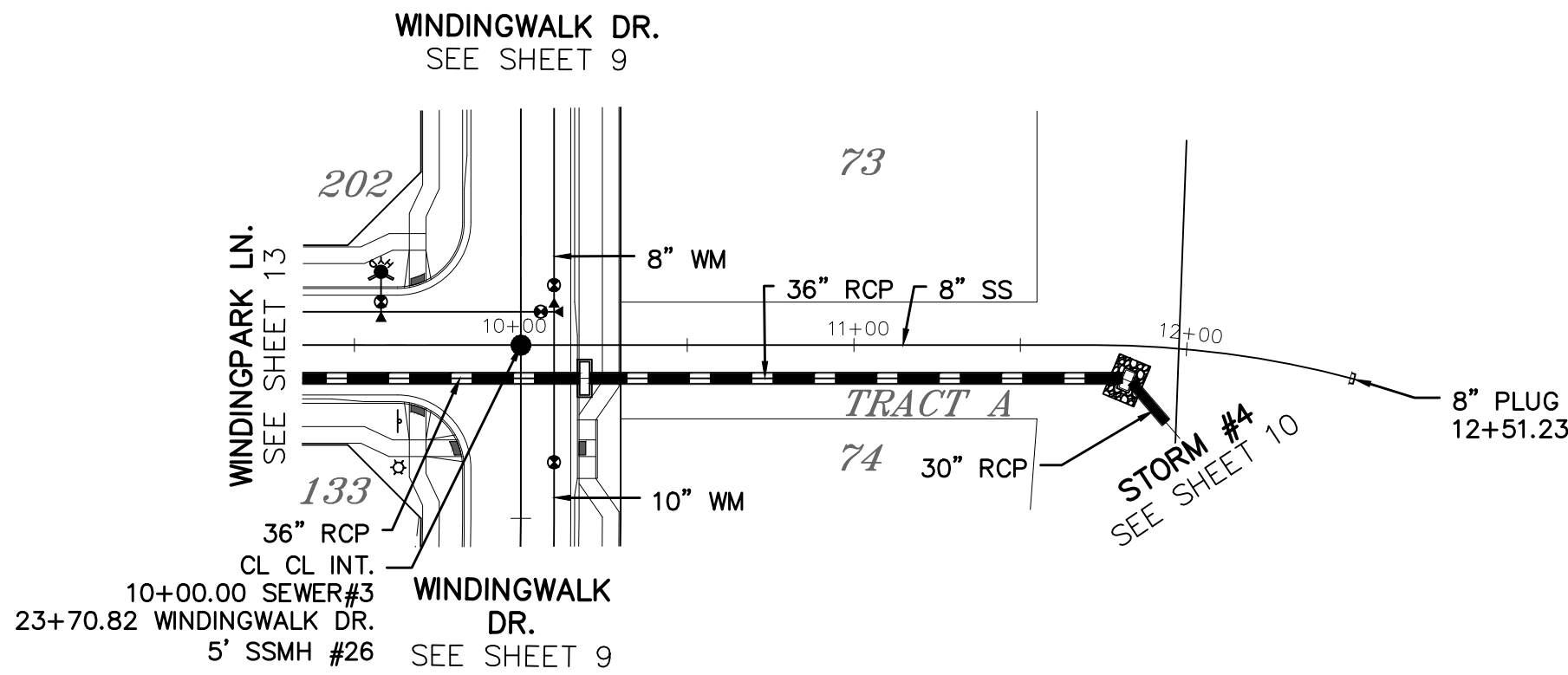
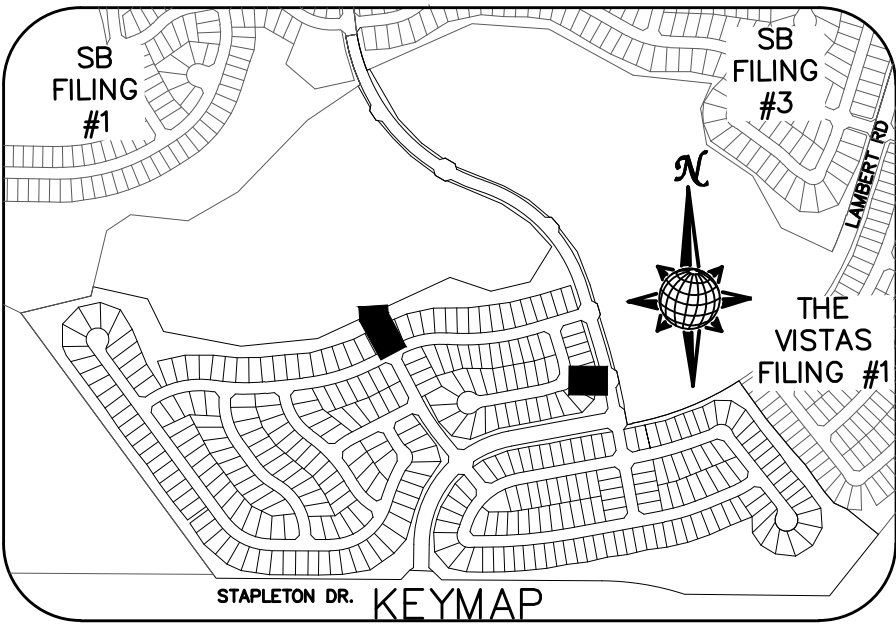
27 of 55



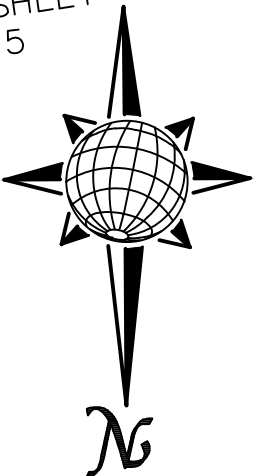
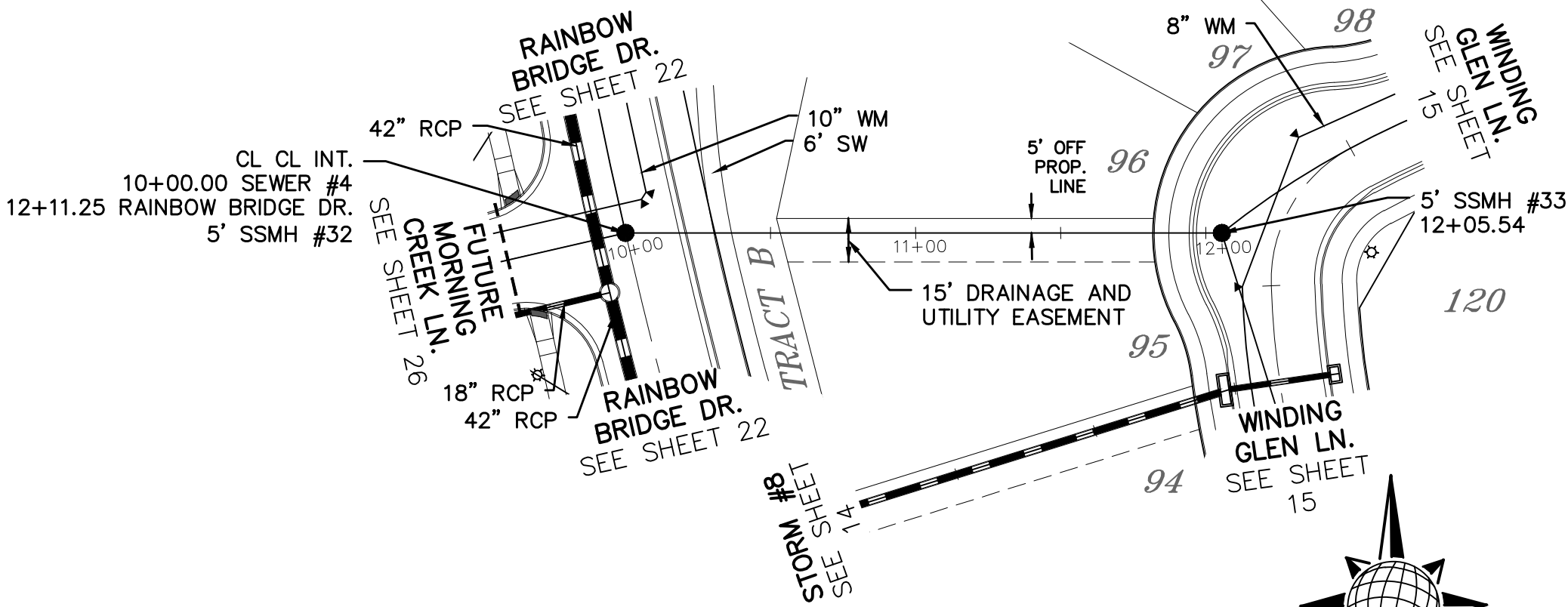
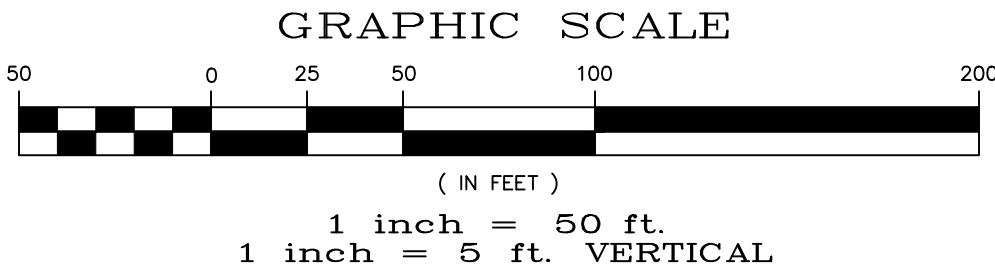


TWO WORKING DAYS
BEFORE YOU DIG
CALL 811

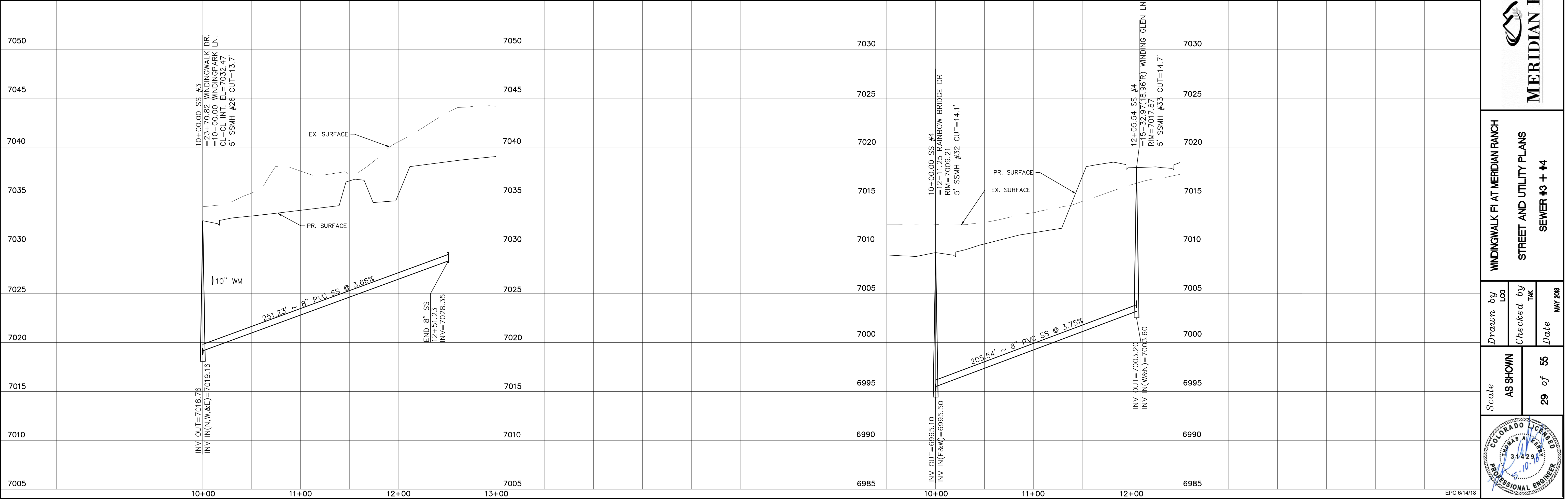
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)





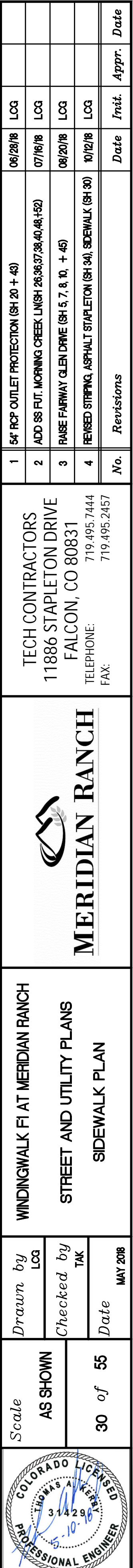
SEWER #3

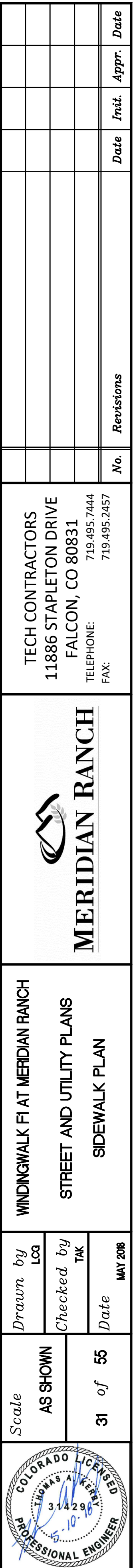


SEWER #4



No.		Revisions		Date	Init.	Appr.	Date
<div>TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE 719.495.7444 FAX 719.495.2457</div>							
<div>MERIDIAN RANCH</div>							
WINDINGWALK F1 AT MERIDIAN RANCH STREET AND UTILITY PLANS SEWER #3 + #4							
Scale	AS SHOWN		Drawn by	Loc	Checked by	TAK	Date
	29 of 55						MAY 2018
<div></div>							

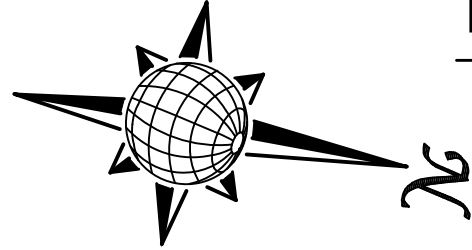




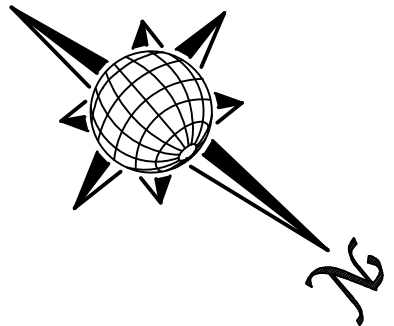
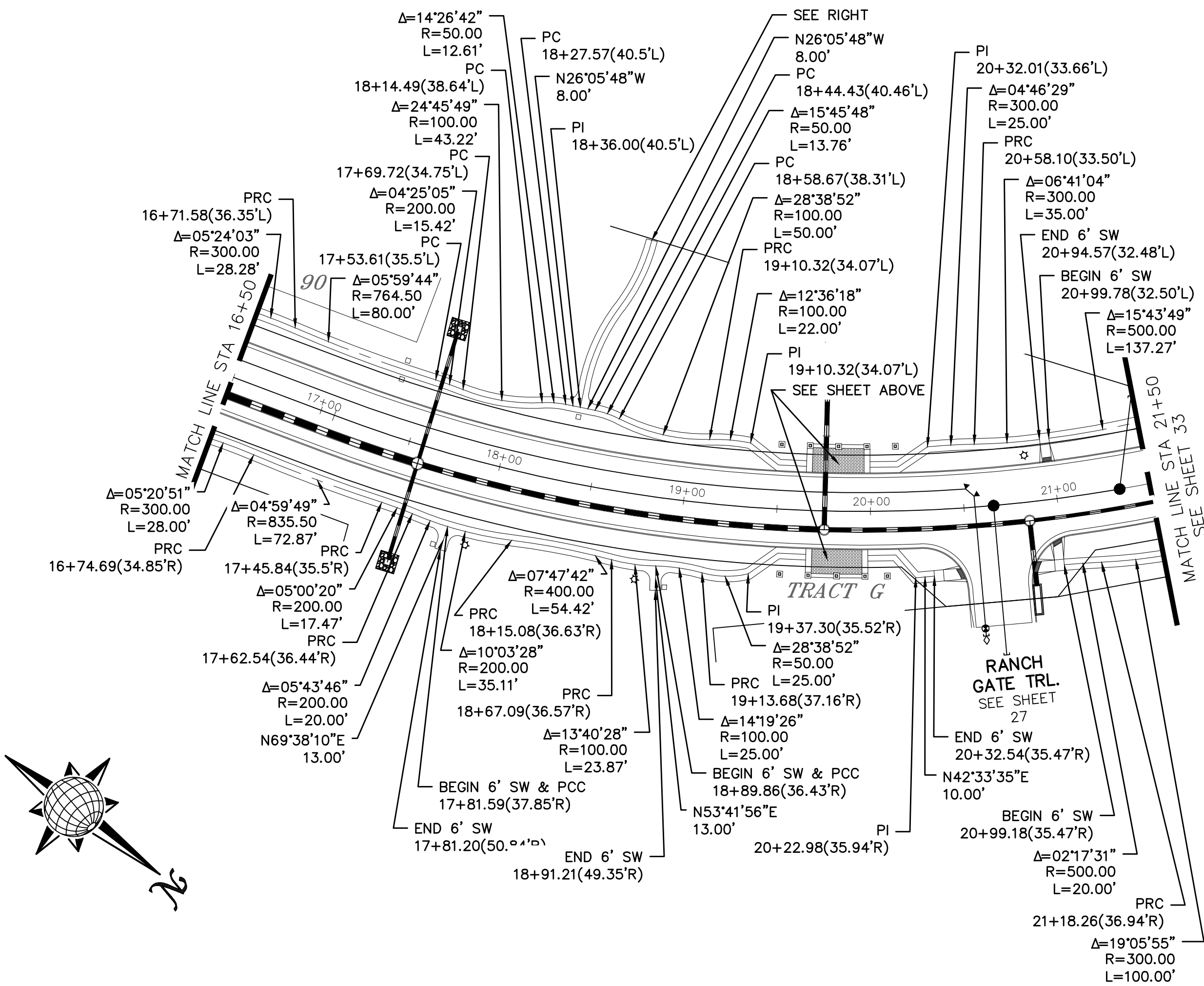
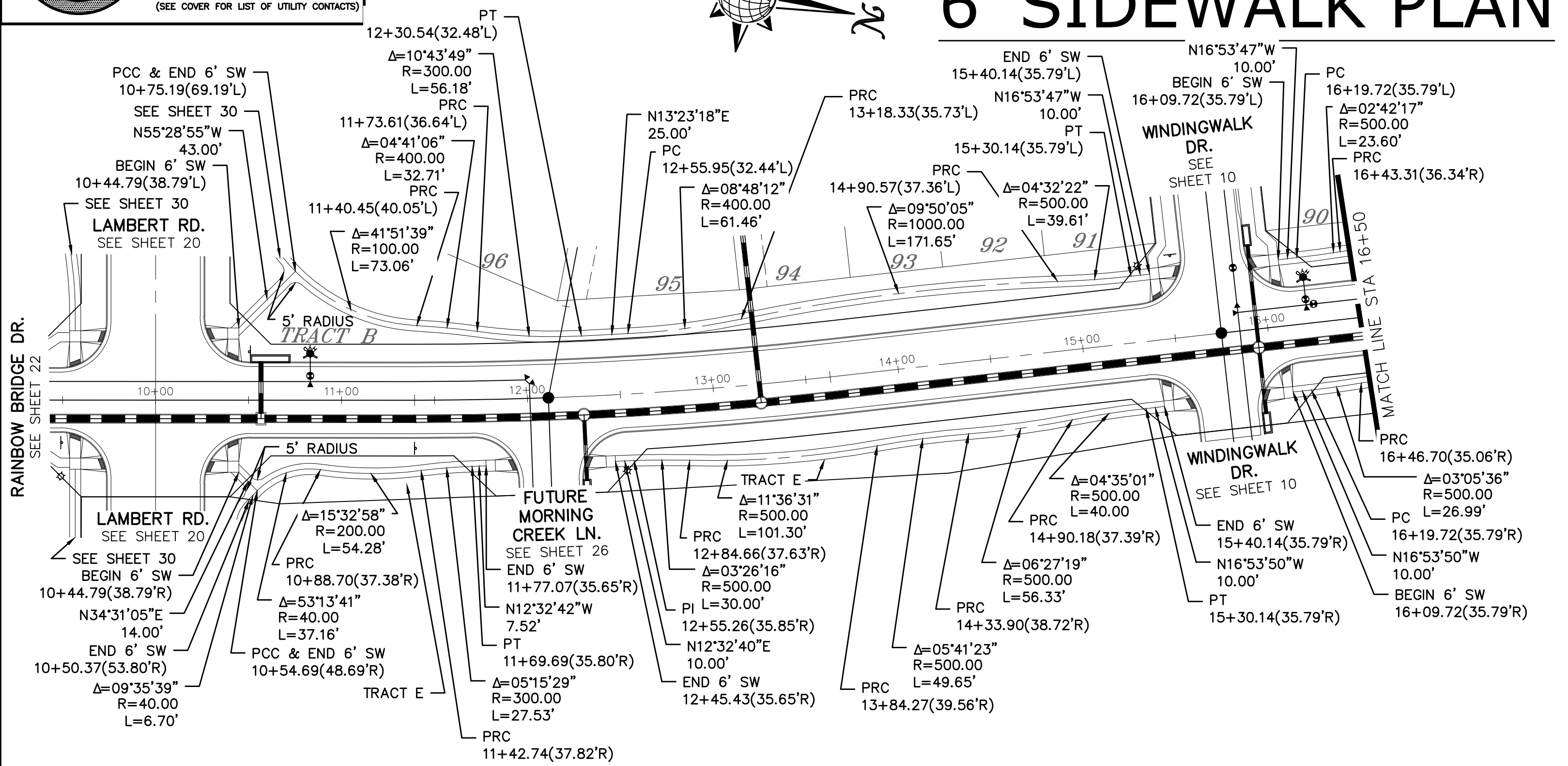


TWO WORKING DAYS
BEFORE YOU DIG
CALL 811

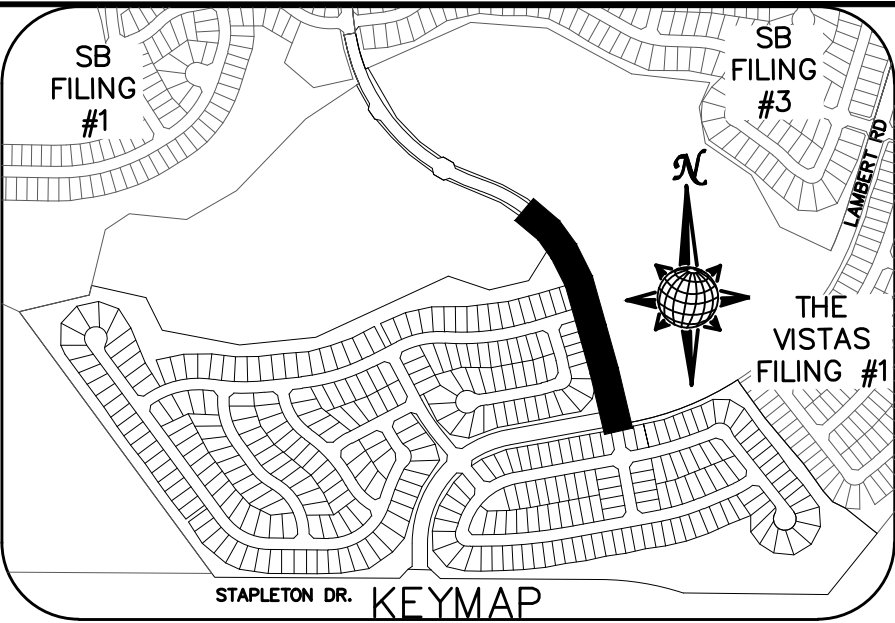
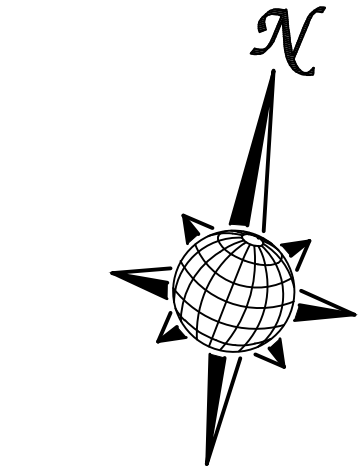
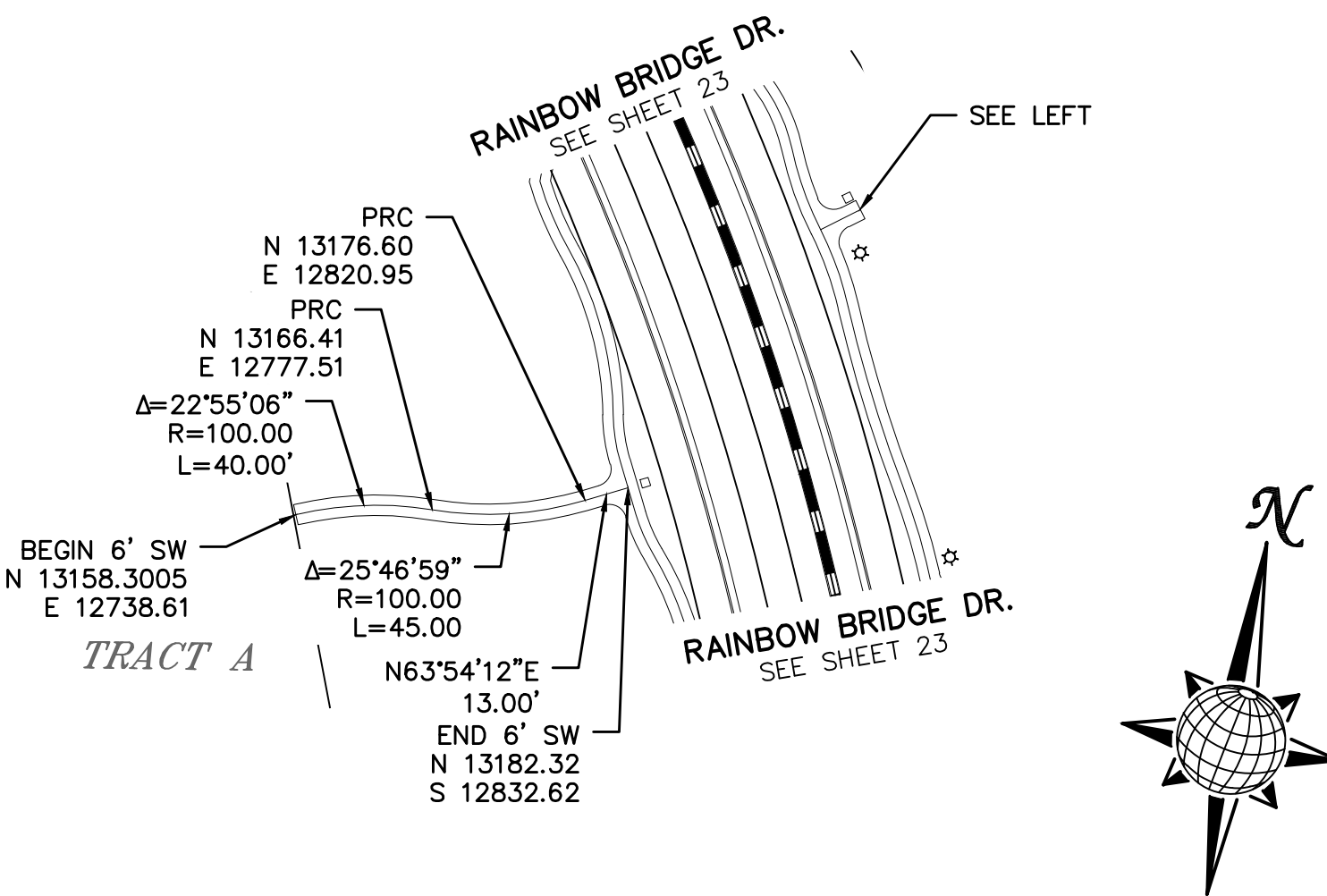
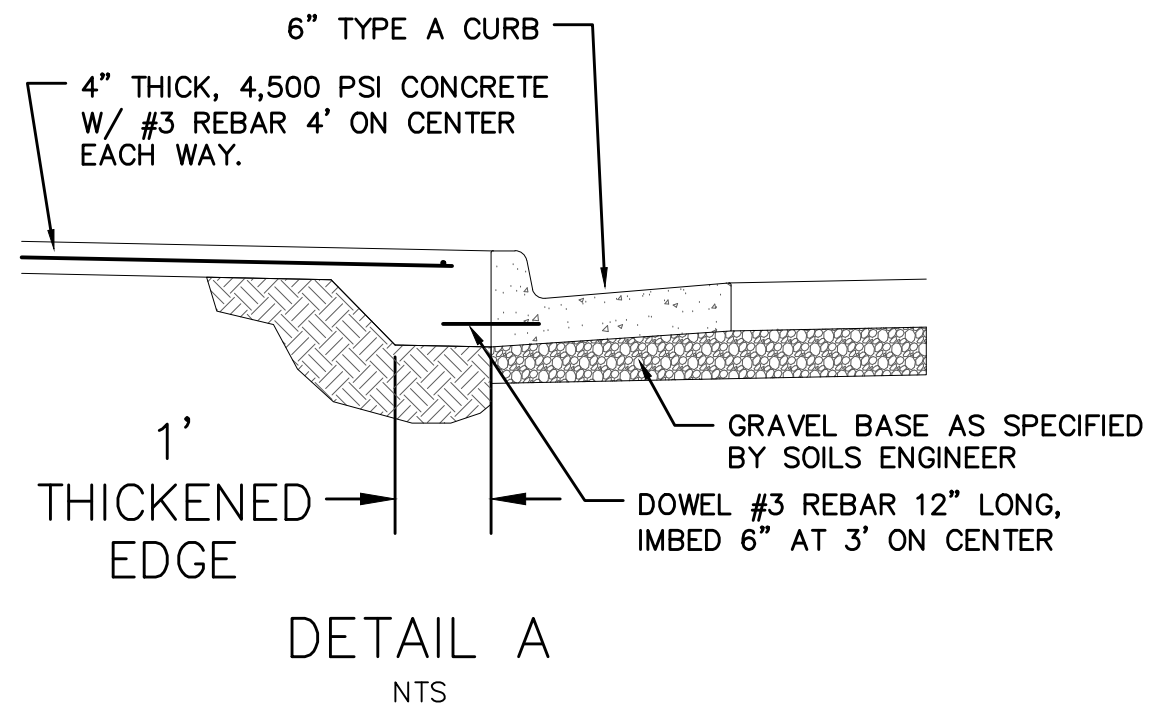
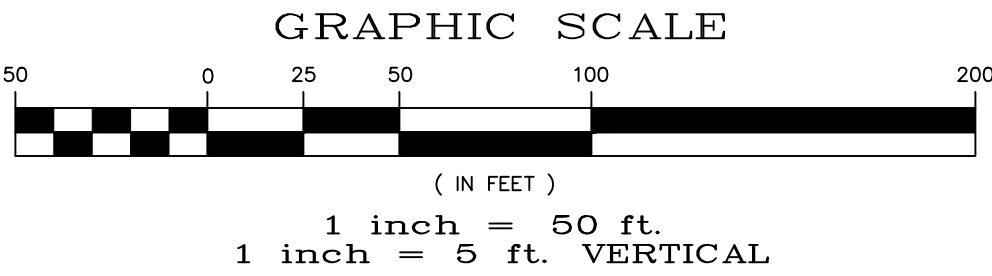
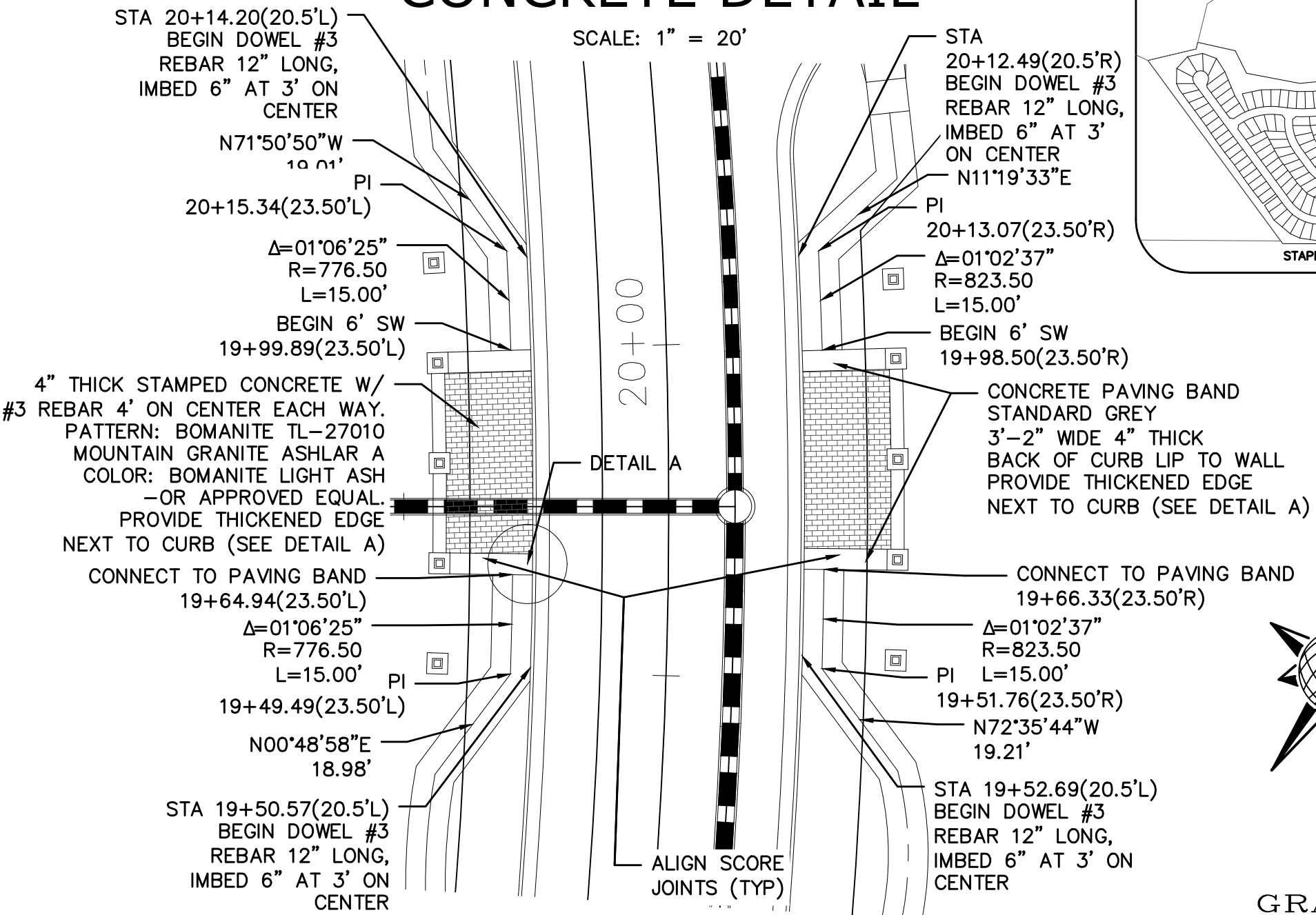
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-322-1887
(SEE COVER FOR LIST OF UTILITY CONTACTS)



RAINBOW BRIDGE DR. 6' SIDEWALK PLAN




STAMPED CONCRETE DETAIL



Revisions		No.	
Date	Appr.	Date	Init.


TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE 719.495.7444
FAX 719.495.2457

 **MERIDIAN RANCH**

WINDINGWALK FI AT MERIDIAN RANCH
STREET AND UTILITY PLANS
SIDEWALK PLAN

Drawn by	Loc	Checked by	TAK	Date

Scale	AS SHOWN	32 of 55

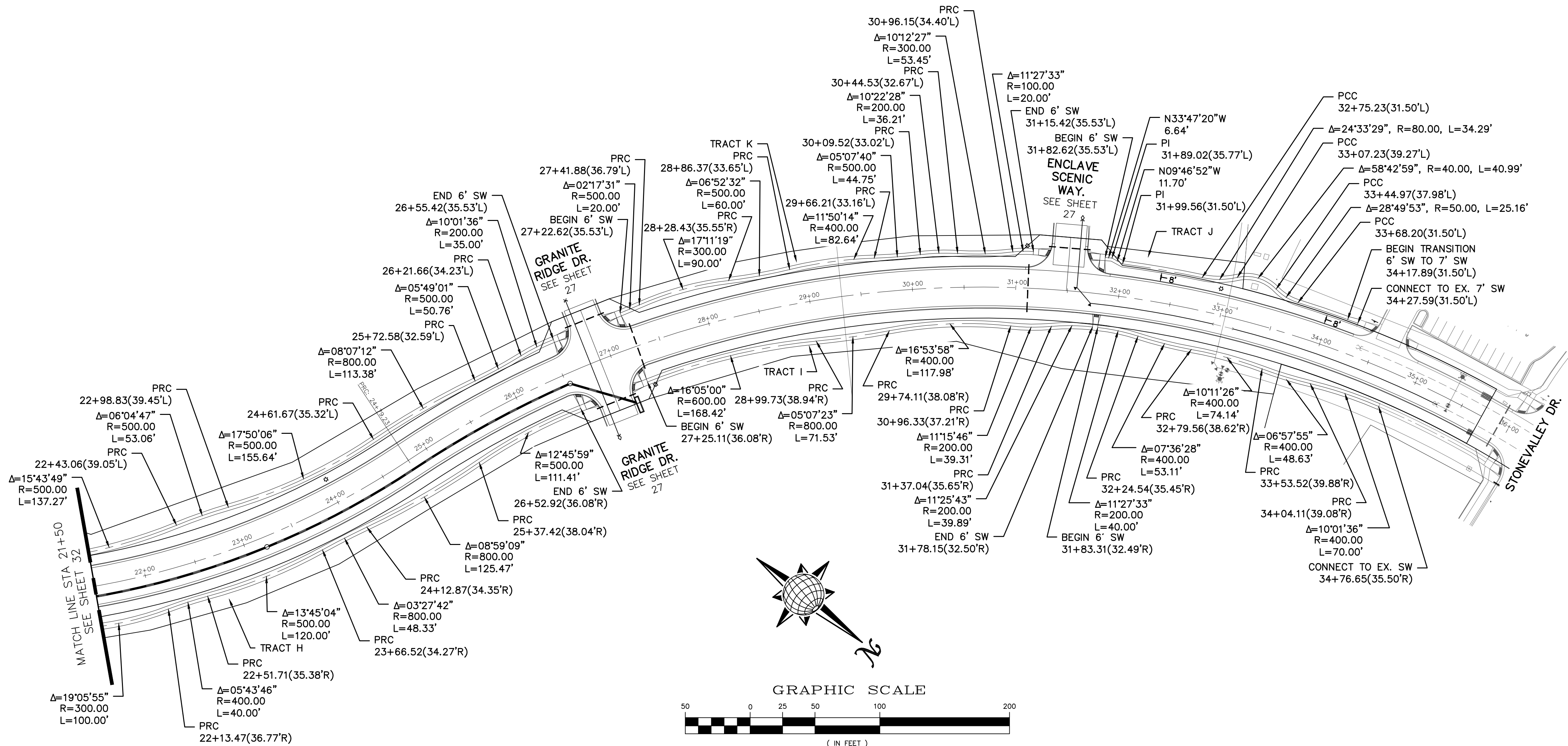
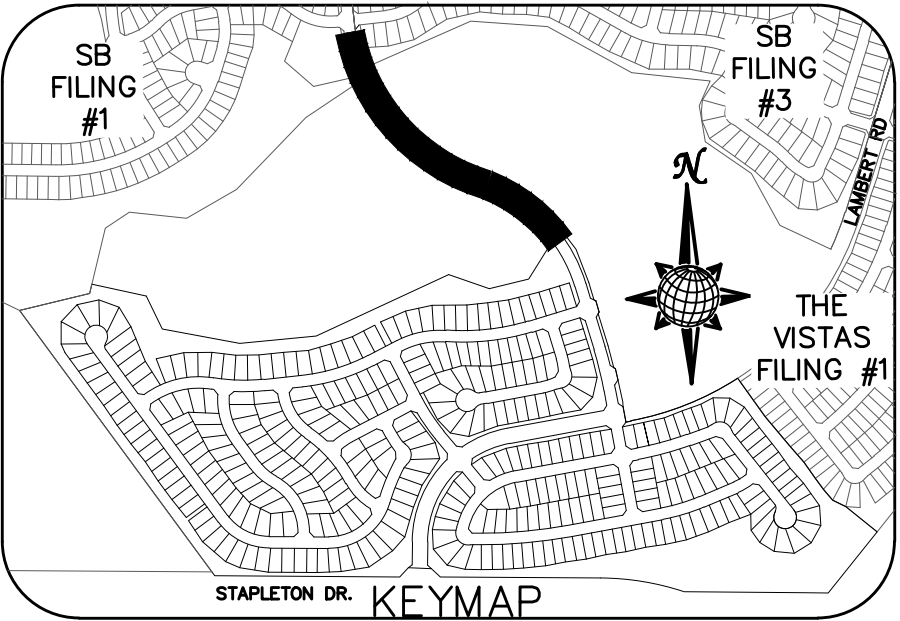


EPC 6/14/18
PCD PROJECT NO. SF-18-002



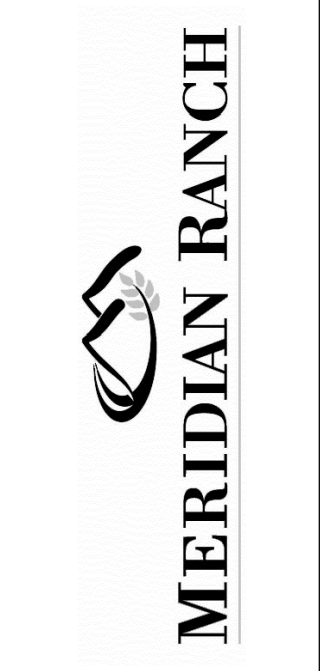
TWO WORKING DAYS
**BEFORE YOU DIG
CALL 811**
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1967
(SEE COVER FOR LIST OF UTILITY CONTACTS)

RAINBOW BRIDGE DR. 6' SIDEWALK PLAN



No.	Revisions	Date	Init.	Appr.	Date

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE 719.495.7444
FAX 719.495.2457




WINDINGWALK F1 AT MERIDIAN RANCH
STREET AND UTILITY PLANS
SIDEWALK PLAN

Drawn by LCC	Checked by TAK	Date MAY 2018
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Scale AS SHOWN	33 of 55
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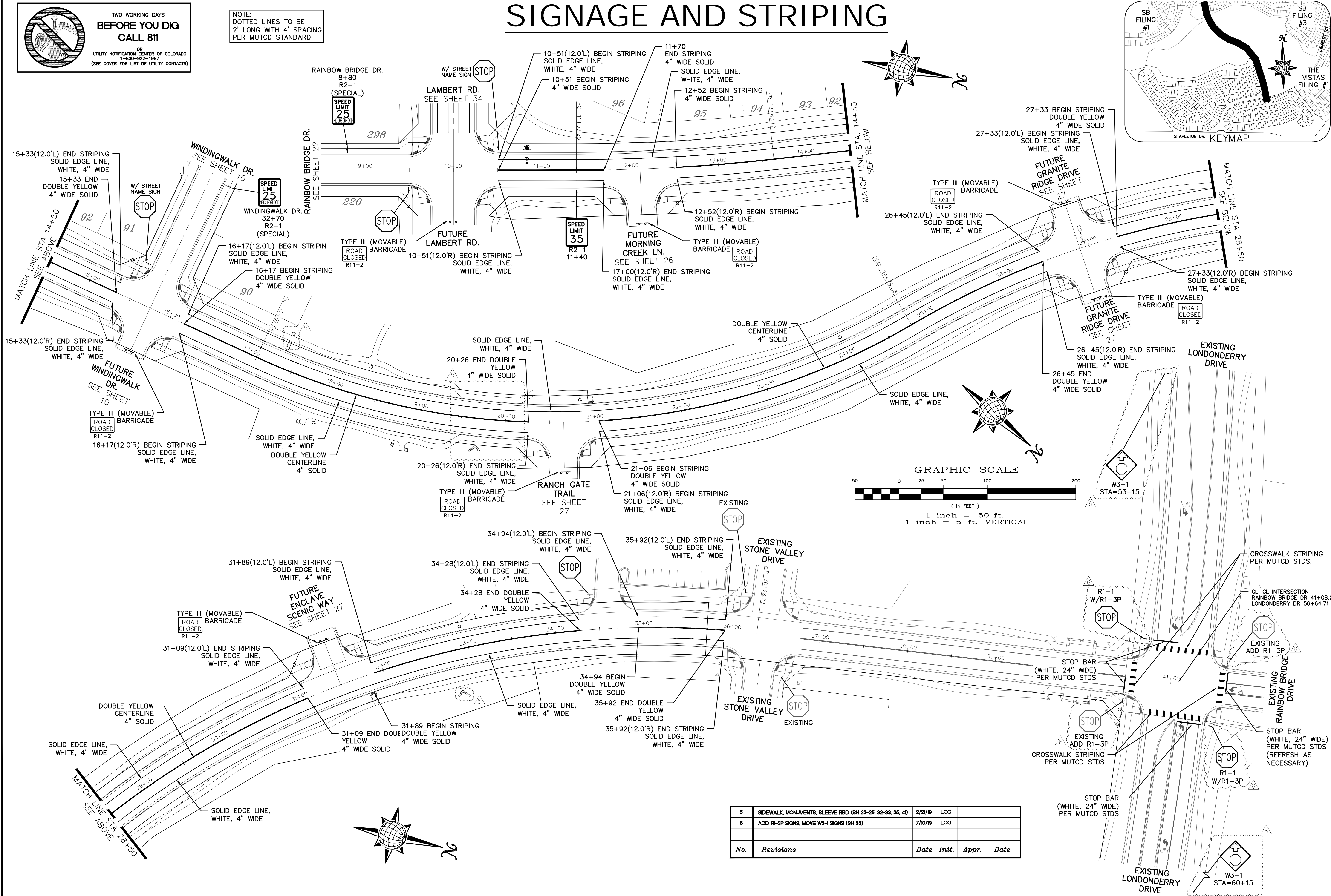
SIGNAGE AND STRIPING



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)

NOTE:
DOTTED LINES TO BE
2' LONG WITH 4' SPACING
PER MUTCD STANDARD



5	SIDEWALK, MONUMENTS, SLEEVE RBD (SH 23-25, 32-33, 35, 40)	2/21/19	LCG		
6	ADD R1-3P SIGNS, MOVE W3-1 SIGNS (SH 35)	7/10/19	LCG		
No.	Revisions	Date	Init.	Appr.	Date

LOG

06/28/18

ADD 88 FT. MORNING CREEK LN. (SH 26, 36, 37, 38, 40, 46, 152)

1

54' RCP OUTLET PROTECTION (SH 20 + 43)

LOG

07/16/18

RASE FAIRWAY CLEEN DRIVE (SH 5, 7, 8, 10, + 45)

2

ADD 88 FT. MORNING CREEK LN. (SH 26, 36, 37, 38, 40, 46, 152)

LOG

08/20/18

REISED STRIPING, ASPHALT STAPLETON (SH 14)

3

RASE FAIRWAY CLEEN DRIVE (SH 5, 7, 8, 10, + 45)

LOG

10/12/18

4

REISED STRIPING, ASPHALT STAPLETON (SH 14)

Date

10/2/18

Appr.

Date

10/2/18

Appr.

No.

Revisions


TECH CONTRACTORS

11886 STAPLETON DRIVE

FALCON, CO 80831

TELEPHONE 719.495.7444

FAX 719.495.2457



MERIDIAN RANCH

WINDINGWALK FI AT MERIDIAN RANCH

STREET AND UTILITY PLANS

SIGNAGE AND STRIPING

Drawn by

LCG

Checked by

TAK


Date

MAY 2018

Scale

AS SHOWN

35 of 55



PCD PROJECT NO. SF-18-002



STONEBRIDGE
FILING 1 & 2

STONEBRIDGE
FILING 3

NOTE:

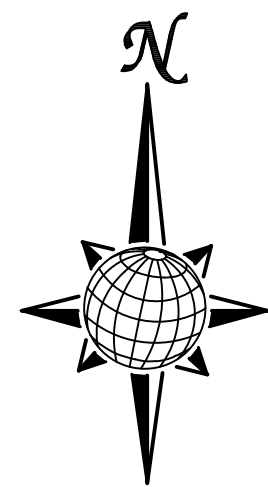
CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.

EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:

- 1)STONEBRIDGE FILING 1 AT MERIDIAN RANCH
- 2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
- 3)LONDONDERRY DRIVE/LAMBERT ROAD CONSTRUCTION DRAWINGS
- 4)STAPLETON DRIVE CONSTRUCTION DRAWINGS
- 5)GUTHRIE RAW WATER EXTENSION THE VISTAS FILING 1 OFFSITE
- 6)VISTAS FILING 1 AT MERIDIAN RANCH

NOTE:
8" SS UNLESS OTHERWISE LABELED.

THE VISTAS
FILING 1



GRAPHIC SCALE



1 inch = 150 ft.

WARNING
 NuSTAR PETROLEUM MAIN
 CALL: 1-800-866-9060 PRIOR TO CONSTRUCTION
 VERIFY LOCATION PRIOR TO START OF CONSTRUCTION



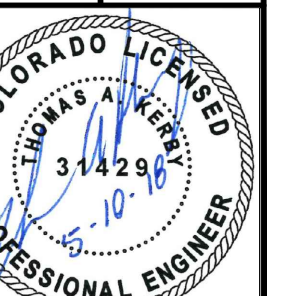
MERIDIAN RANCH

STREET AND UTILITY PLANS
OVERALL SANITARY SEWER

LOG	
Checked by TAK	
Date	MAY 2018

AS SHOWN

36 *of* **55**



TECH CONTROLS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457

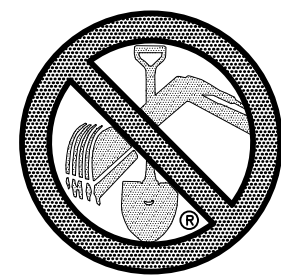
No.			2
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[illegible]

6,36,37

(SH 2)

EX 1



**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

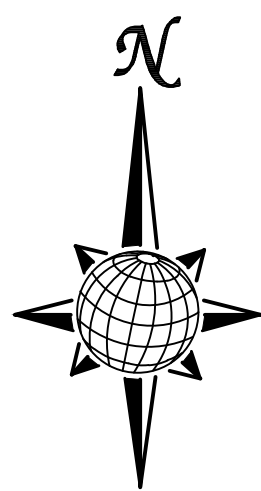
STONEBRIDGE
FILING 1 & 2

STONEBRIDGE
FILING 3

NOTE:

CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1)STONEBRIDGE FILING 1 AT MERIDIAN RANCH
2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
3)LONDONDERRY DRIVE/LAMBERT ROAD
CONSTRUCTION DRAWINGS
4)STAPLETON DRIVE CONSTRUCTION DRAWINGS
5)GUTHRIE RAW WATER EXTENSION THE VISTAS
FILING 1 OFFSITE
6)VISTAS FILING 1 AT MERIDIAN RANCH

NOTE:
4" SS SERVICE UNLESS OTHERWISE LABELED.



GRAPHIC SCALE


$$1 \text{ inch} = 150 \text{ ft.}$$

WARNING

CALL: 1-800-866-9060 PRIOR TO CONSTRUCTION
VERIFY LOCATION PRIOR TO START OF CONSTRUCTION

1	54' RCP OUTLET PROTECTION (84.20 + 49)	06/28/18	LOG	
2	ADD 88' FUT. MORNING CREEK LINES (26.38, 37.38, 40.48, 152)	07/16/18	LOG	
No.	Revisions	Date	Init.	Appr.

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457



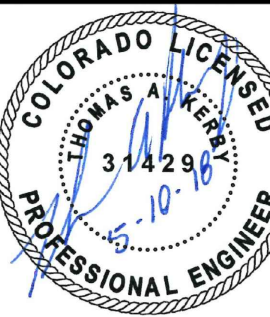
MERIDIAN RANCH

ENDING WALK F1 AT MERIDIAN RANCH

STREET AND UTILITY PLANS
OVERALL SANITARY SEWER
SERVICES

Drawn by LOG	Checked by TAK	Date
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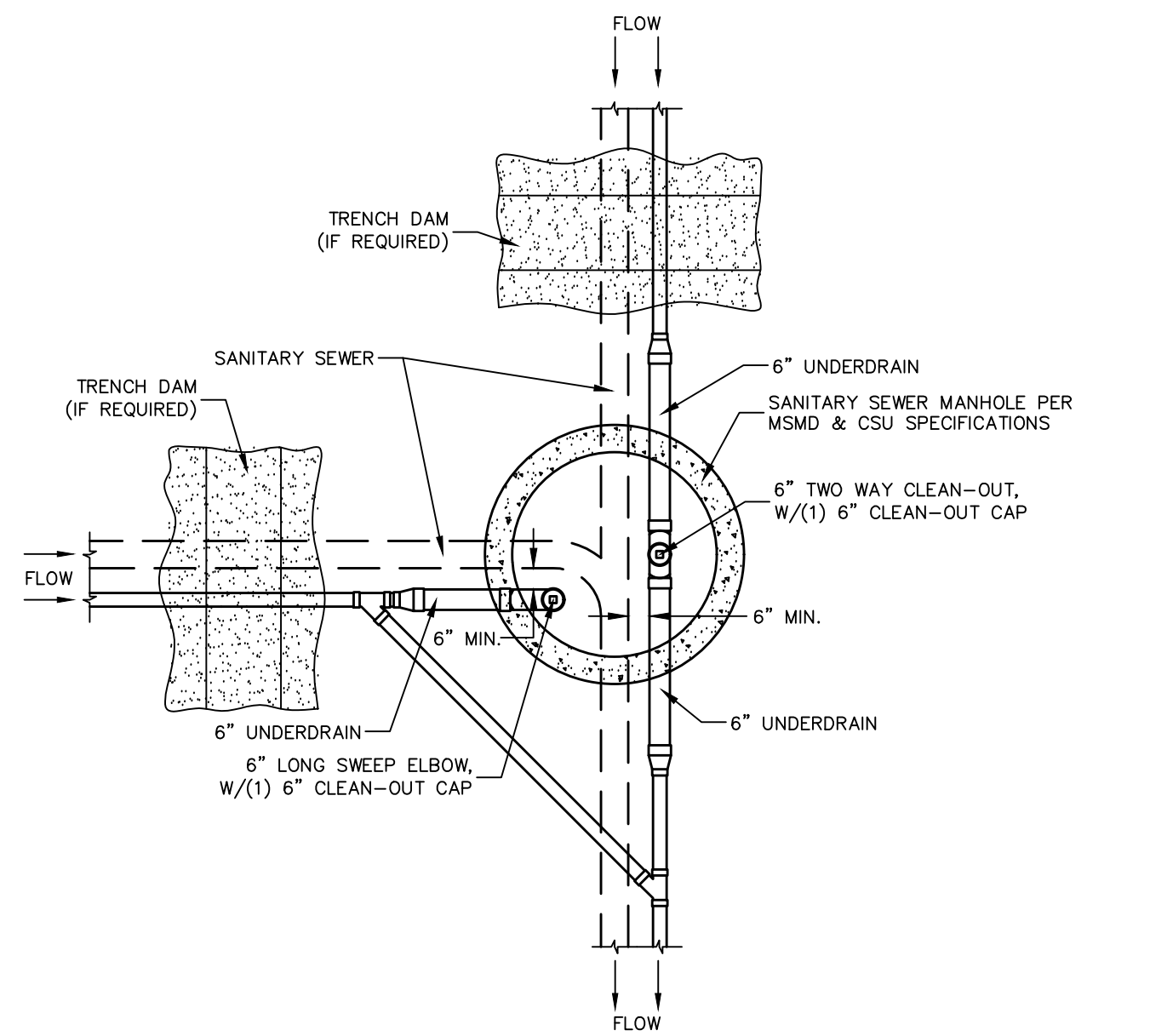
Scale
AS SHOWN
37 of 55



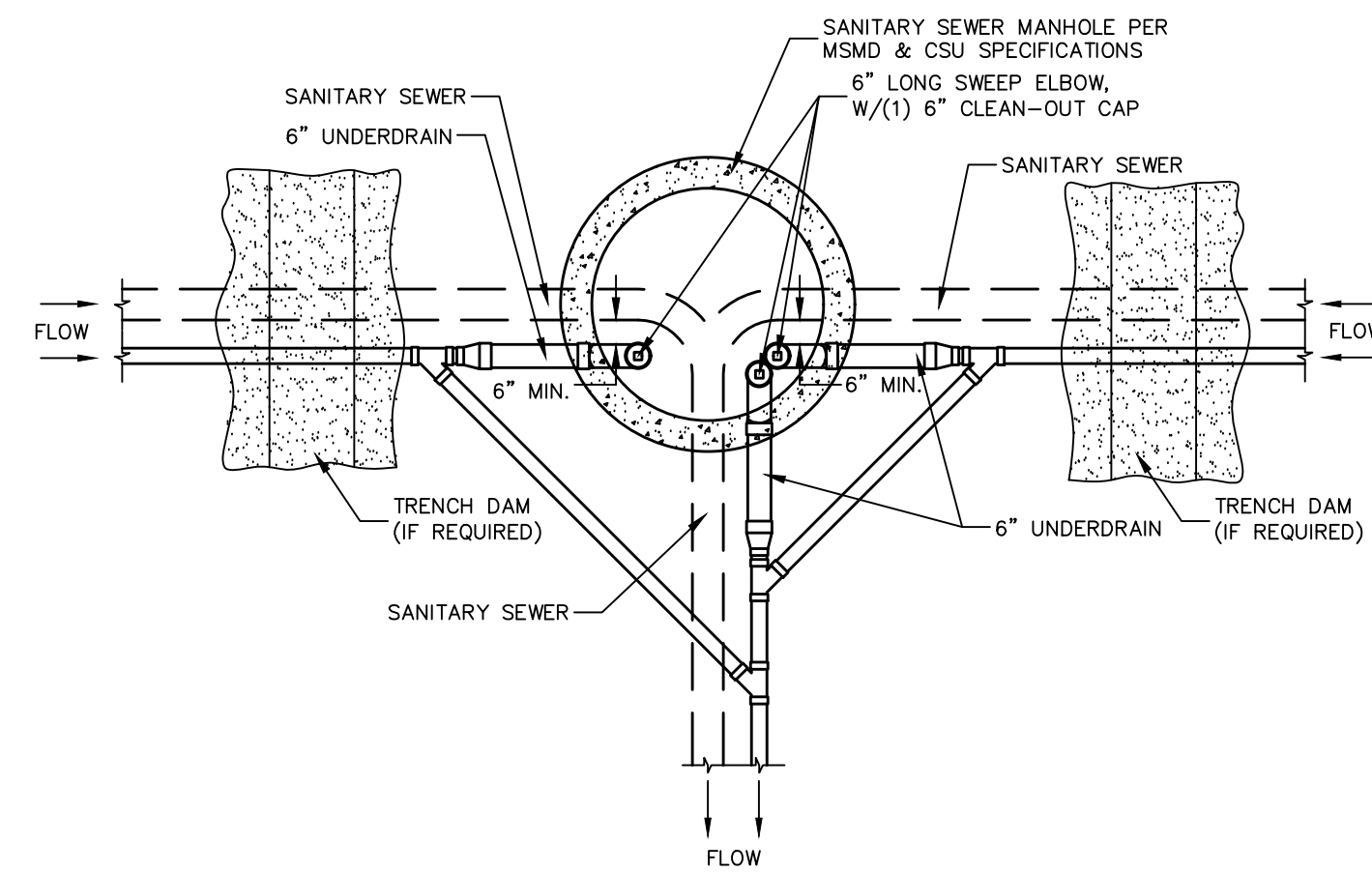


CLEAN-OUT DETAILS

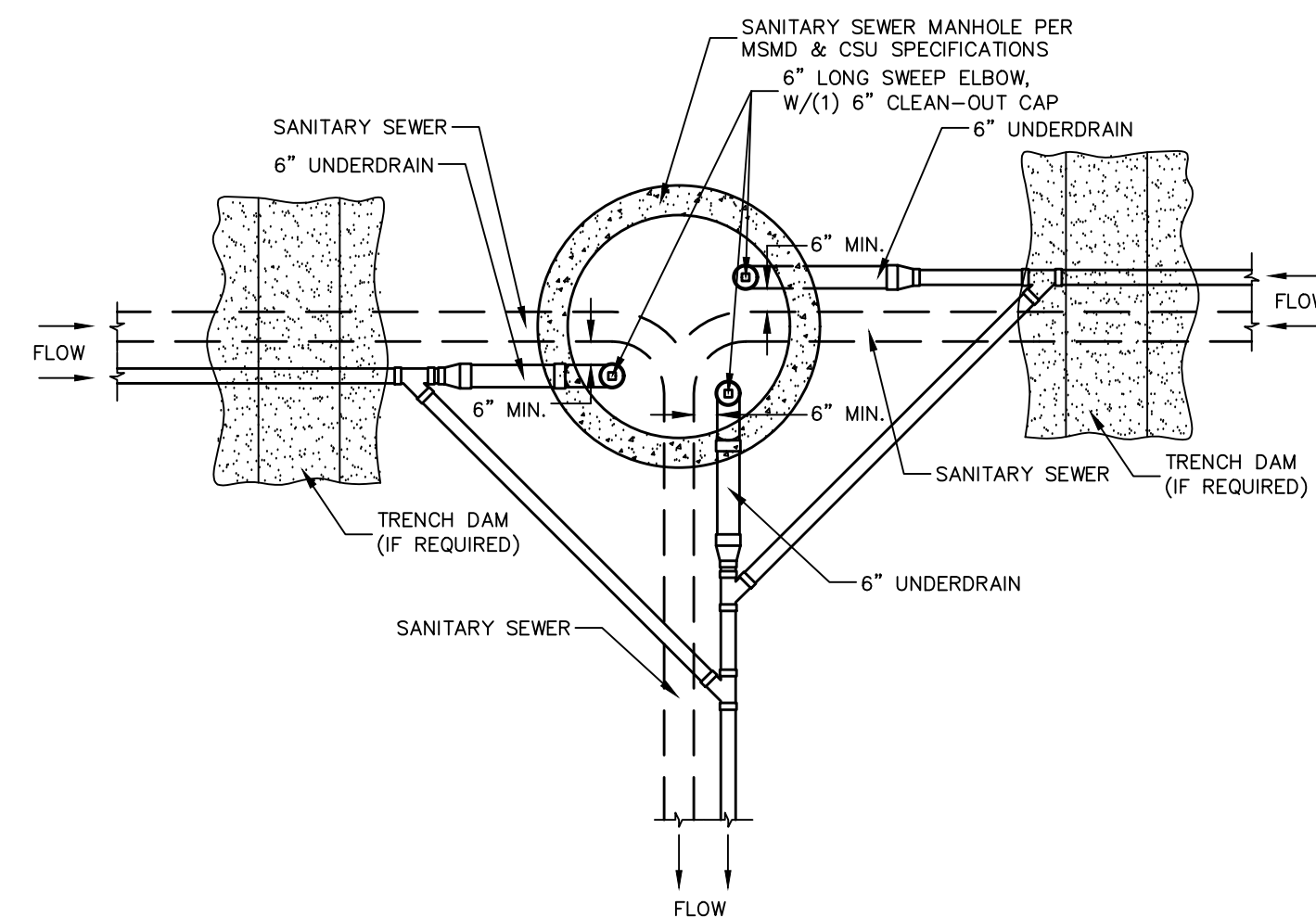
SCALE : N.T.S.



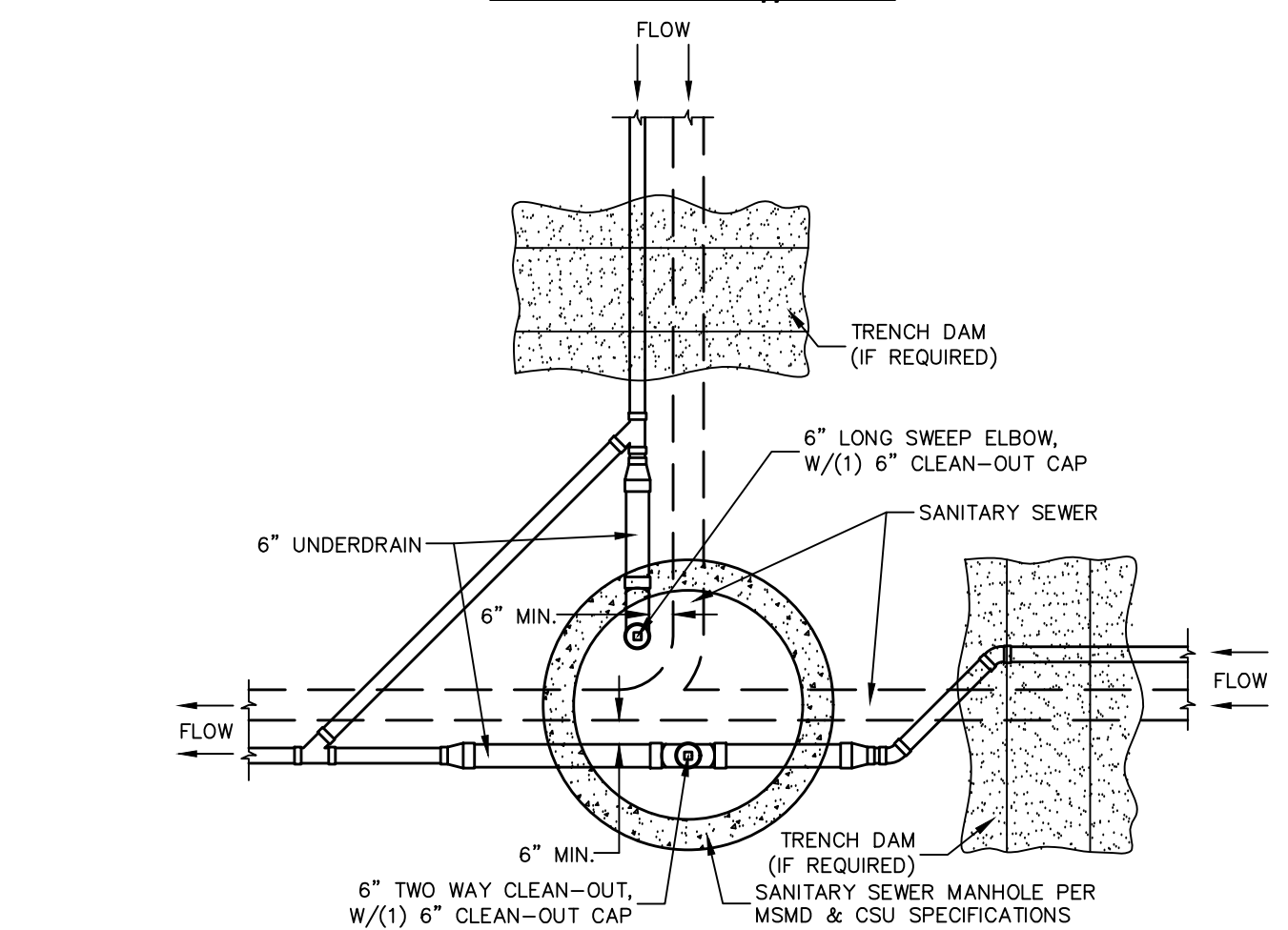
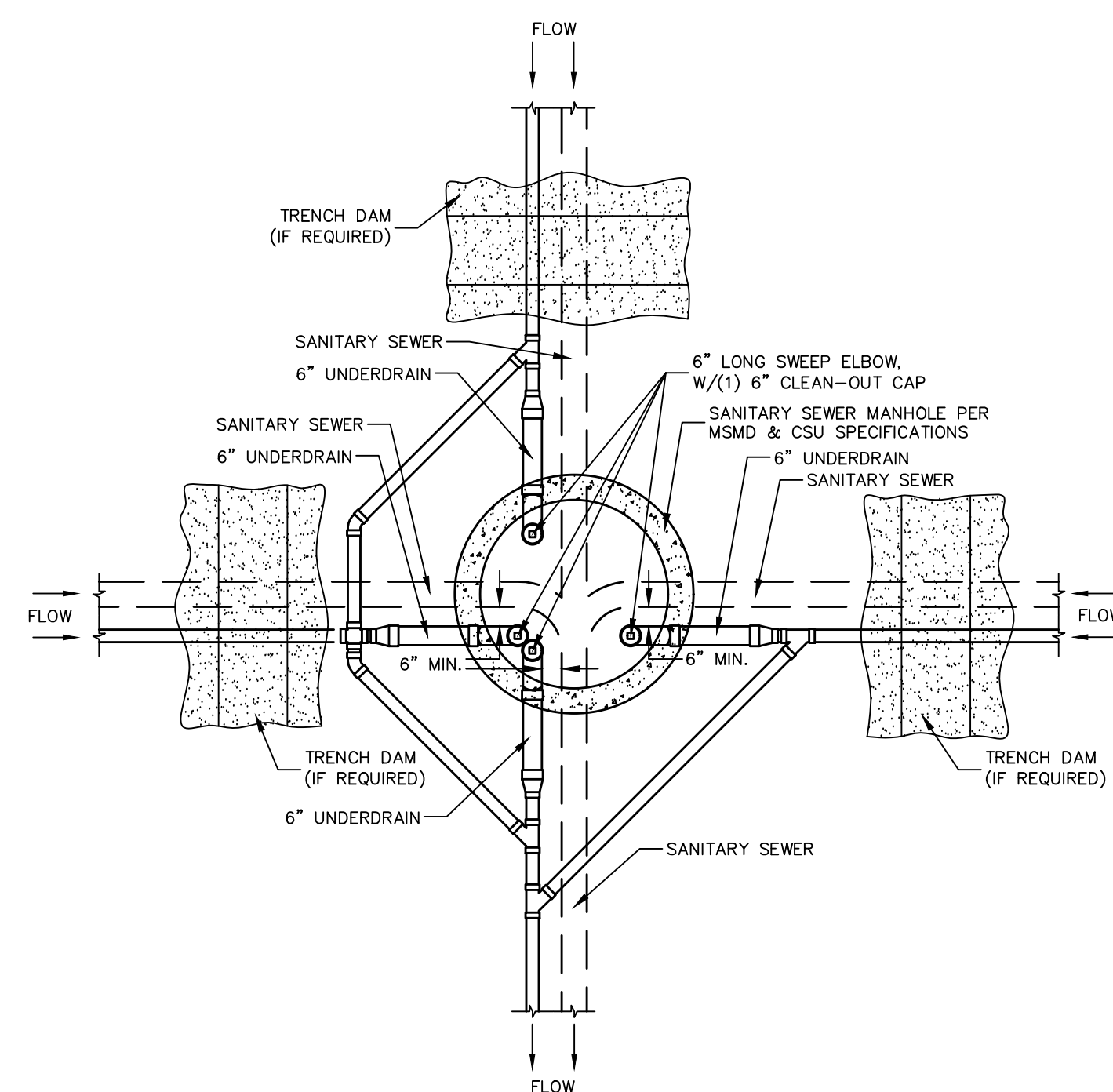
SSMH #31



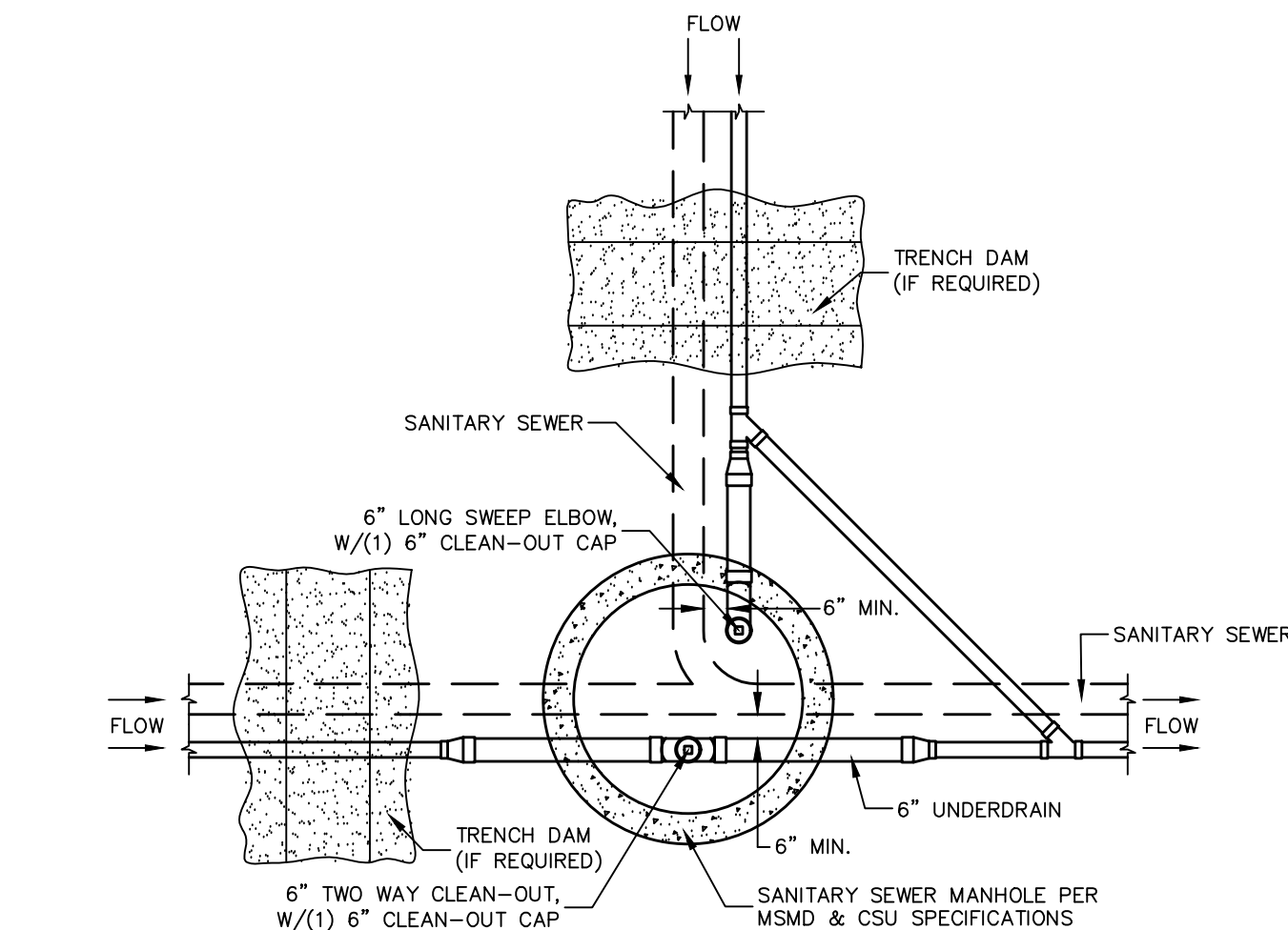
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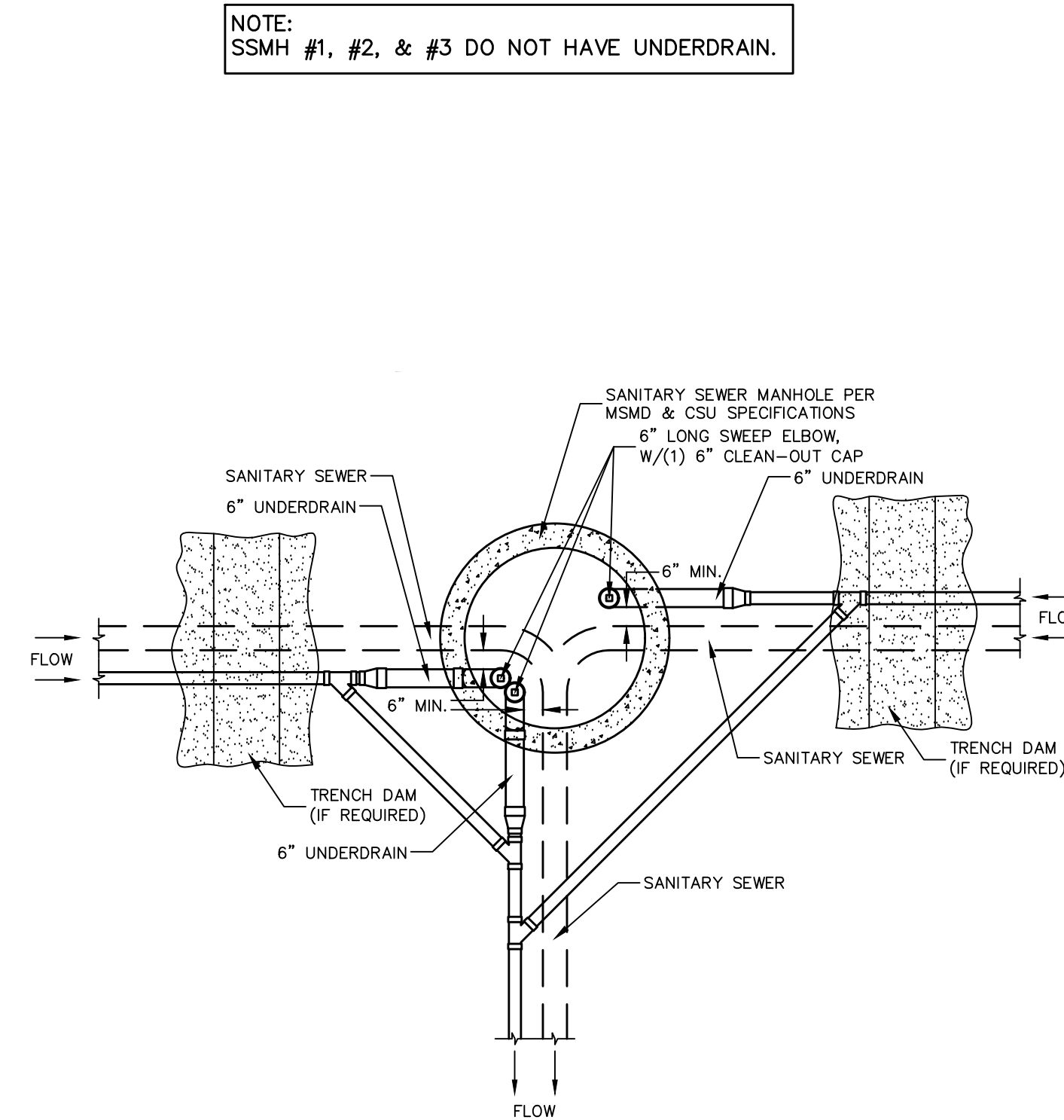
SSMH #32

SSMH #18

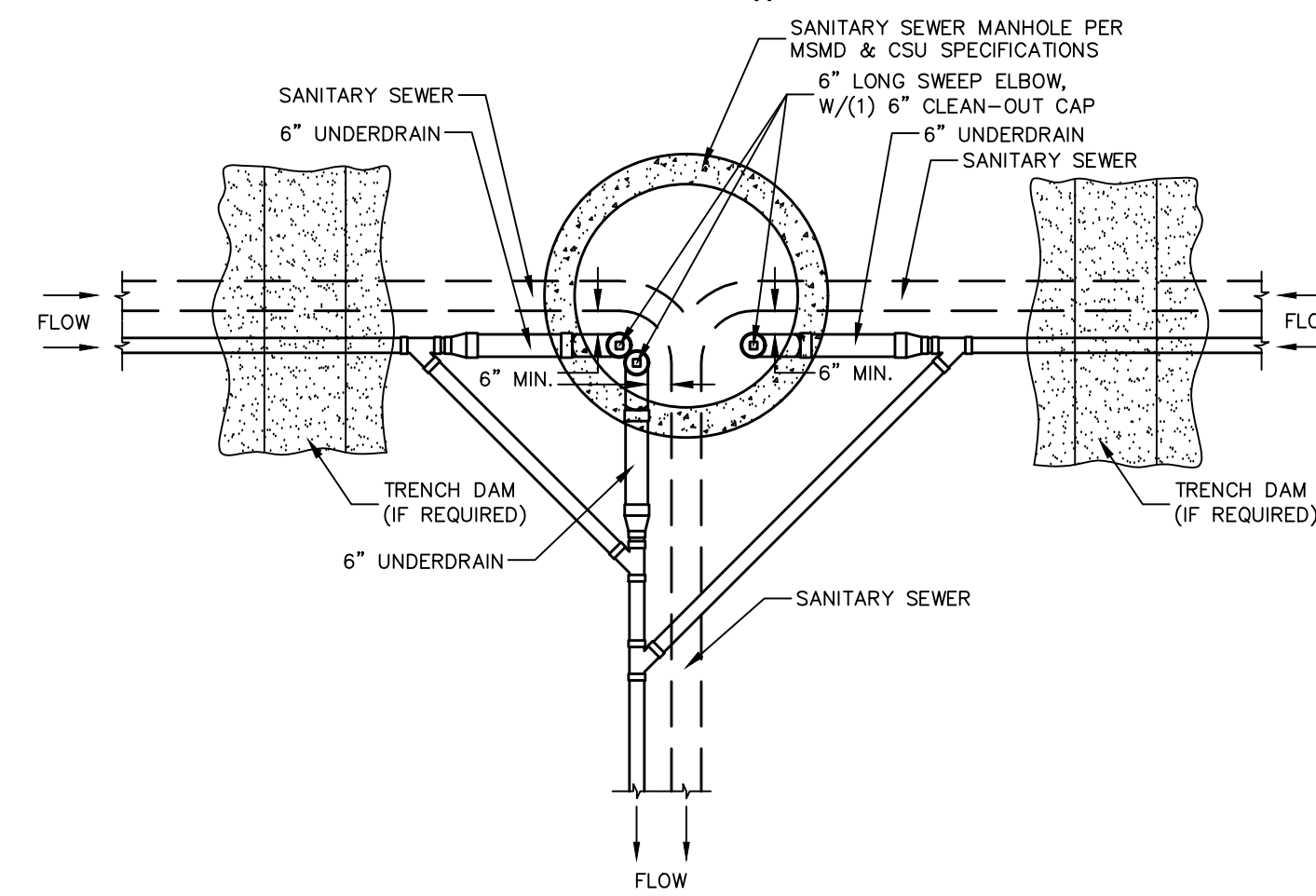
SSMH #26



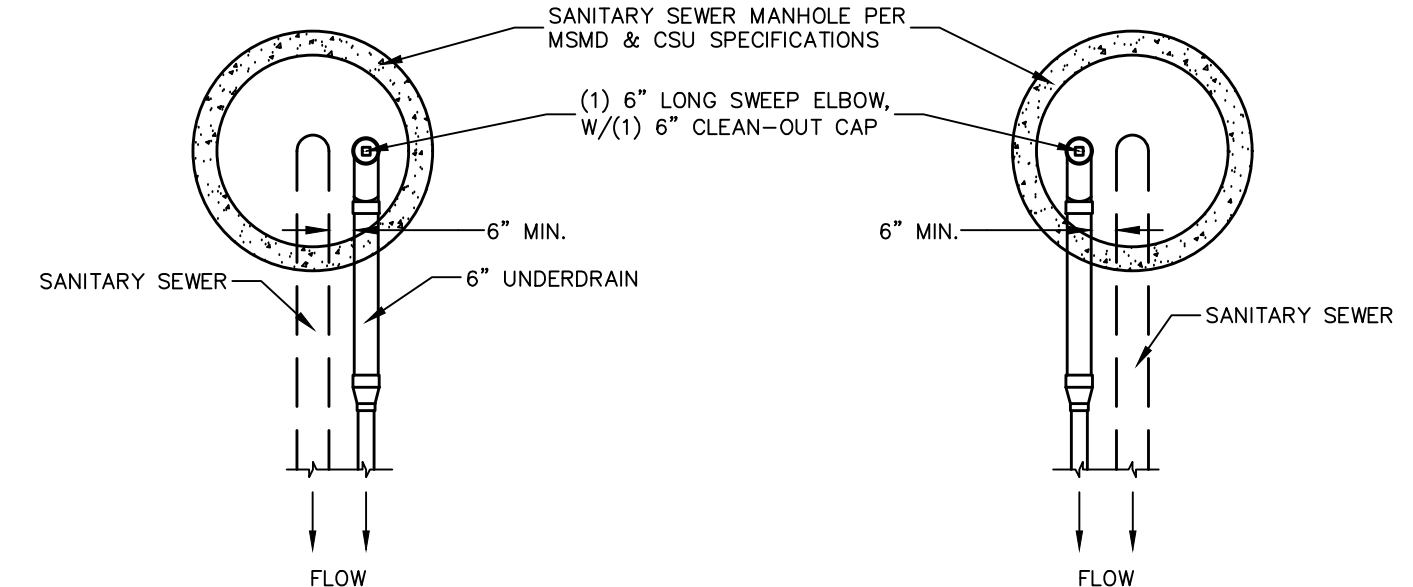
SSMH #5, #10, #13, #43



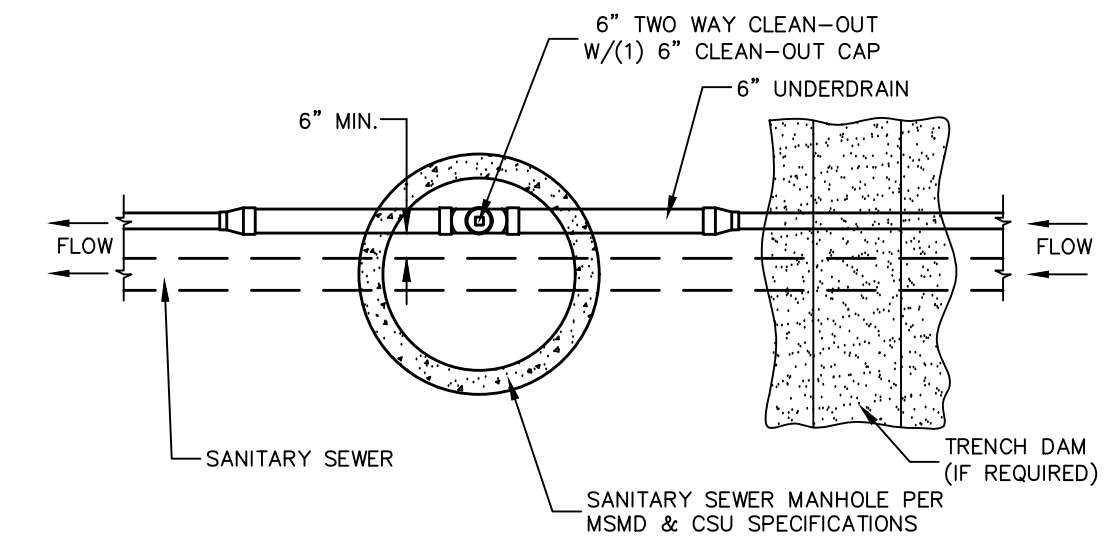
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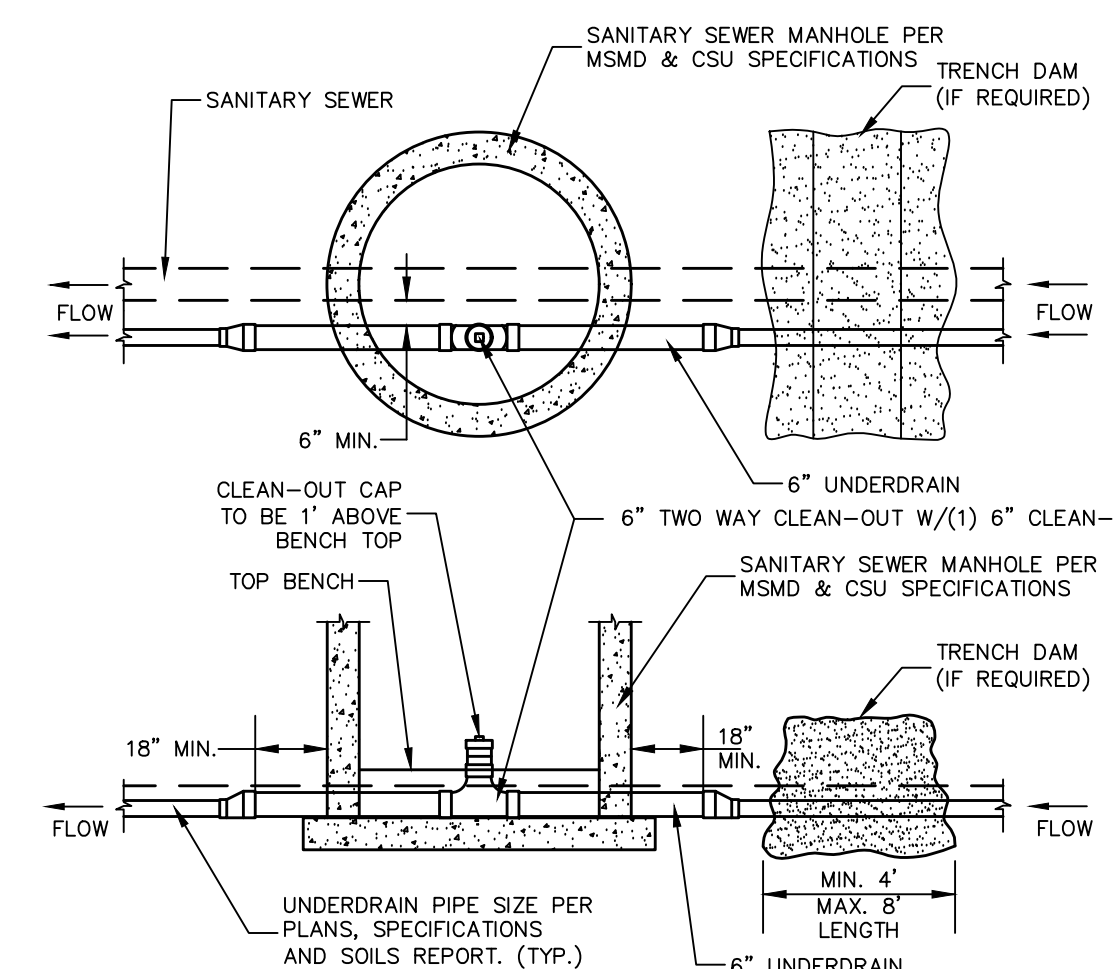
SSMH #4, #9, #38



SSMH #15, #17,
#29 #36,
#46, & #51



SSMH #6, 11, 12,
#19, #20, #27, #30,
#34, #40, #41, #49



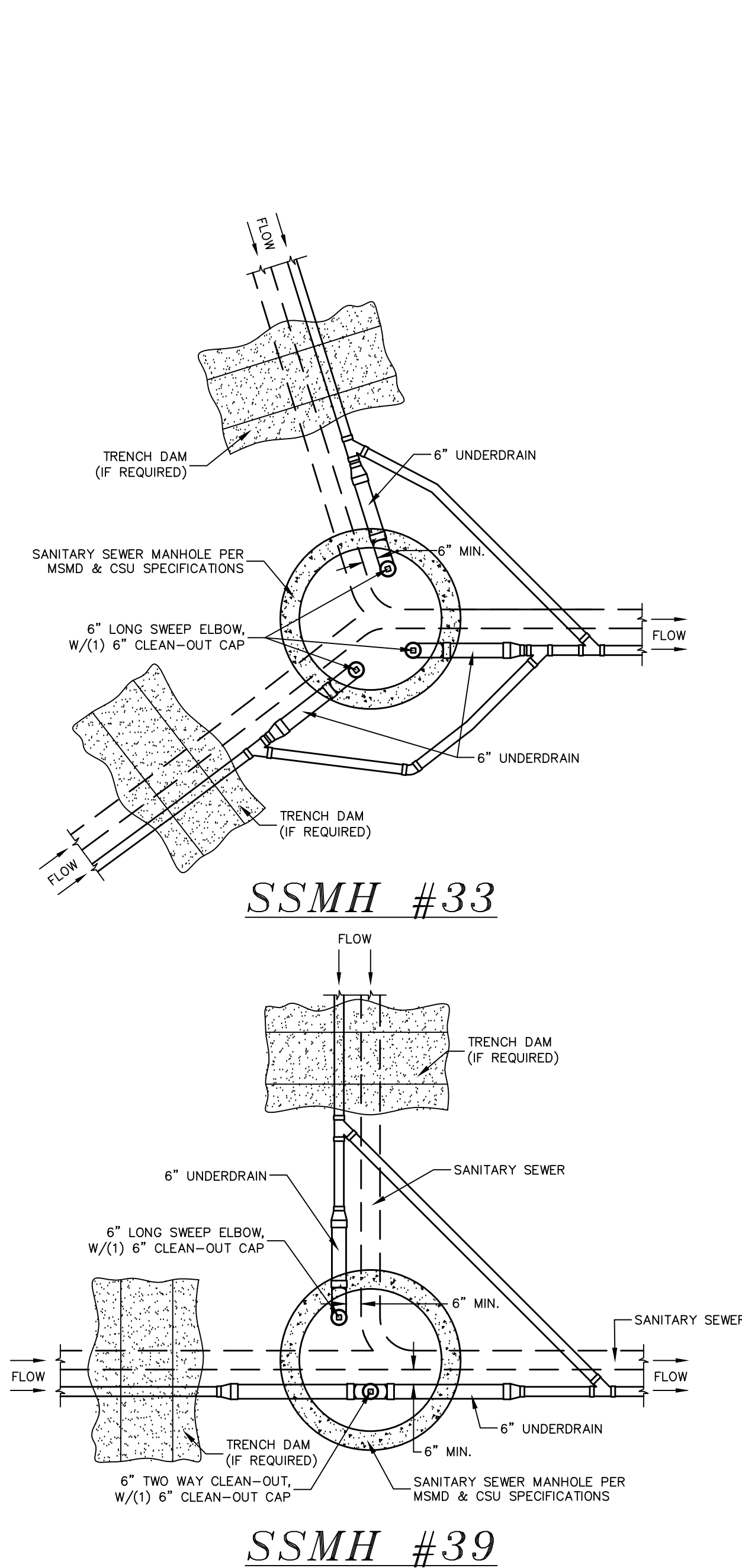
SSMH #16

NOTES:

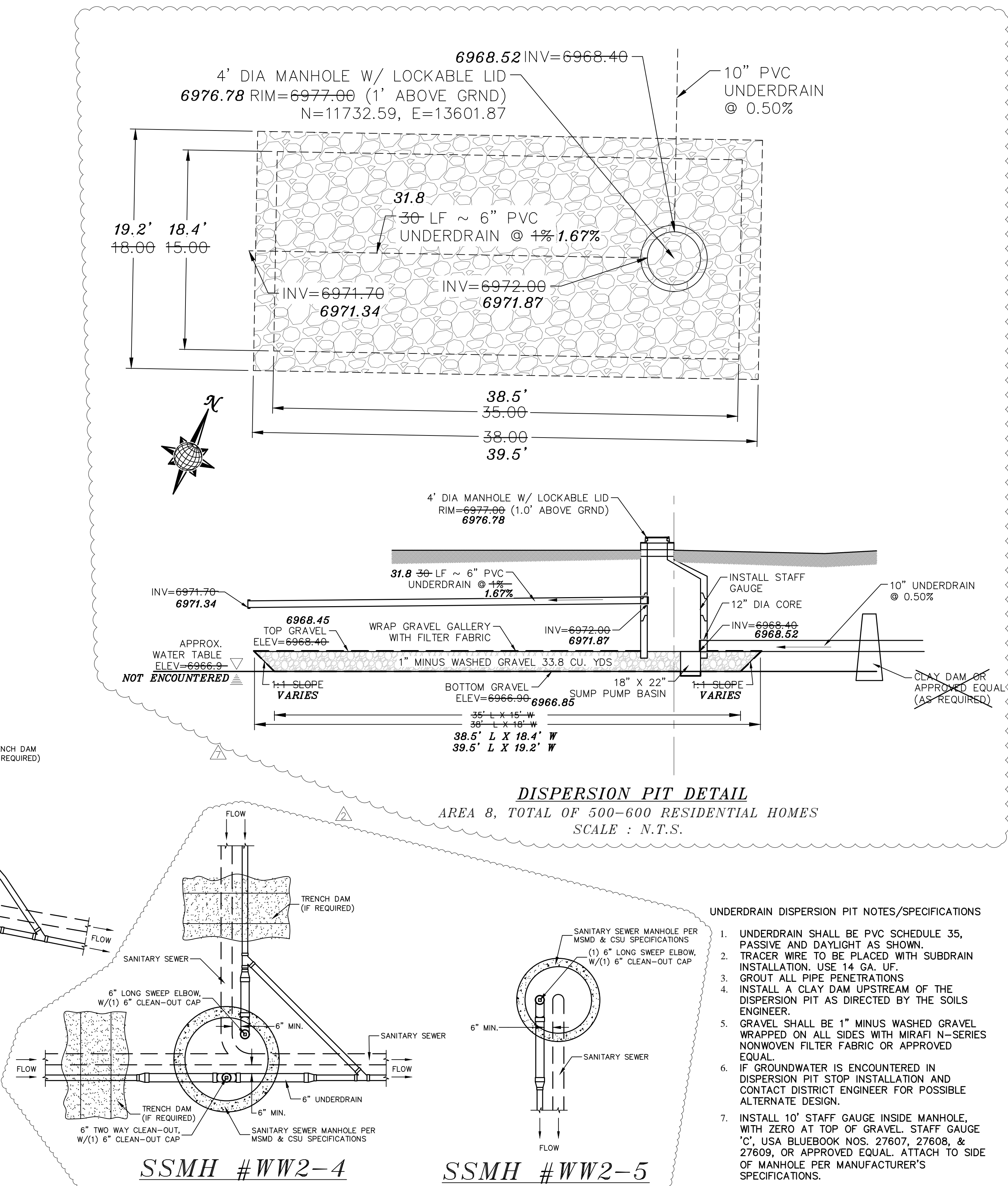
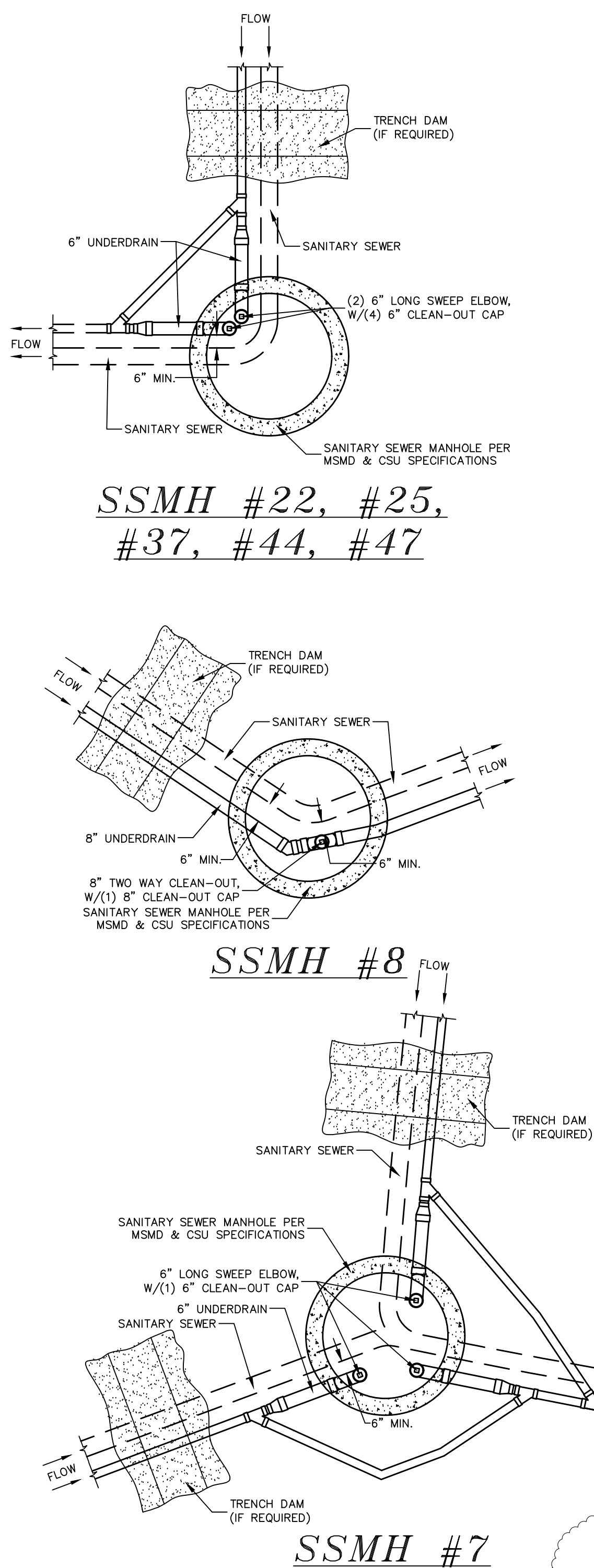
1. THE UNDERDRAIN SYSTEM SHALL BE PASSIVE, WATER TIGHT, NON-PERFORATED PIPE, WITH THE MAIN LINE SIZE DESIGNED BY THE ENGINEER. ALL UNDERDRAIN PIPES AND FITTINGS SHALL BE SDR 35 PVC, OR MSMD APPROVED EQUAL, INSTALLED PER THE SAME INSTALLATION STANDARDS AS OUTLINED BY CSUS FOR SANITARY SEWER SYSTEMS. THE 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 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.



[illegible]

5	SIDEWALK, MONUMENTS, SLEEVE RBD (SH 23-25, 32-33, 35, 40)	2/21/19	LCQ		
6	ADD RI-SP SIGNS, MOVE W3-1 SIGNS (SH 35)	7/10/19	LCQ		
7	AS-BUILT DISPERSION PIT (SH 40)	8/06/19	LCQ		
<i>No.</i>	<i>Revisions</i>	<i>Date</i>	<i>Init.</i>	<i>Appr.</i>	<i>Date</i>



CLEAN-OUT DETAILS
SCALE : N.T.S.



	Scale AS SHOWN	Drawn by	WINDINGWALK FI AT MERIDIAN RANCH STREET AND UTILITY PLANS UNDERDRAIN DETAILS	 MERIDIAN RANCH	TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457	1 54" RCP OUTLET PROTECTION (SH 20 + 49) 2 ADD SS FIT, MORNING CREEK LINES (SH 26.36, 37.38, 40.48, 452) 3 RAISE FAIRWAY GLEN DRIVE (SH 5, 7, 8, 10, + 45) 4 FENCED STIFFING, ASPHALT STAPLETON (SH 34), SEDEWALK (SH 30)	LQG	06/28/16		
		LQG					07/16/16			
	LQG	06/20/16								
	LQG	10/12/16								
40 of 55		Date	MAY 2016							



STONEBRIDGE
FILING 1 & 2

(2) 4" SCH 40 PVC
&(1) 6" SCH 40 PVC SLEEVES
8" 45° BENDS
8" PLUG
& BOV

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

STONEBRIDGE
FILING 3

NOTE:

CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.

EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:

1)STONEBRIDGE FILING 1 AT MERIDIAN RANCH

2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH

3)LONDONDERRY DRIVE/LAMBERT ROAD CONSTRUCTION DRAWINGS

4)STAPLETON DRIVE CONSTRUCTION DRAWINGS

5)GUTHRIE RAW WATER EXTENSION THE VISTAS FILING 1 OFFSITE

6)VISTAS FILING 1 AT MERIDIAN RANCH

NOTE:
8" WM UNLESS OTHERWISE LABELED.

WELL SITE #9

THE VISTAS
FILING 1

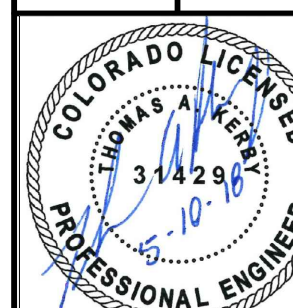
TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457


MERIDIAN BANK

OVERALL WATER

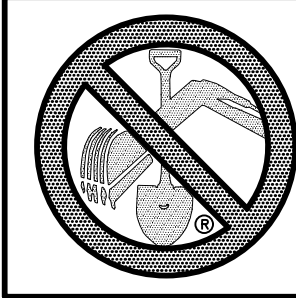
Drawn by LOG	Checked by TAK	Date
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Scale
AS SHOWN
41 of 55



EPC 6/14/1

PCD PROJECT NO. SF-18-002



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)

STONEBRIDGE
FILING 1 & 2

STONEBRIDGE
FILING 3

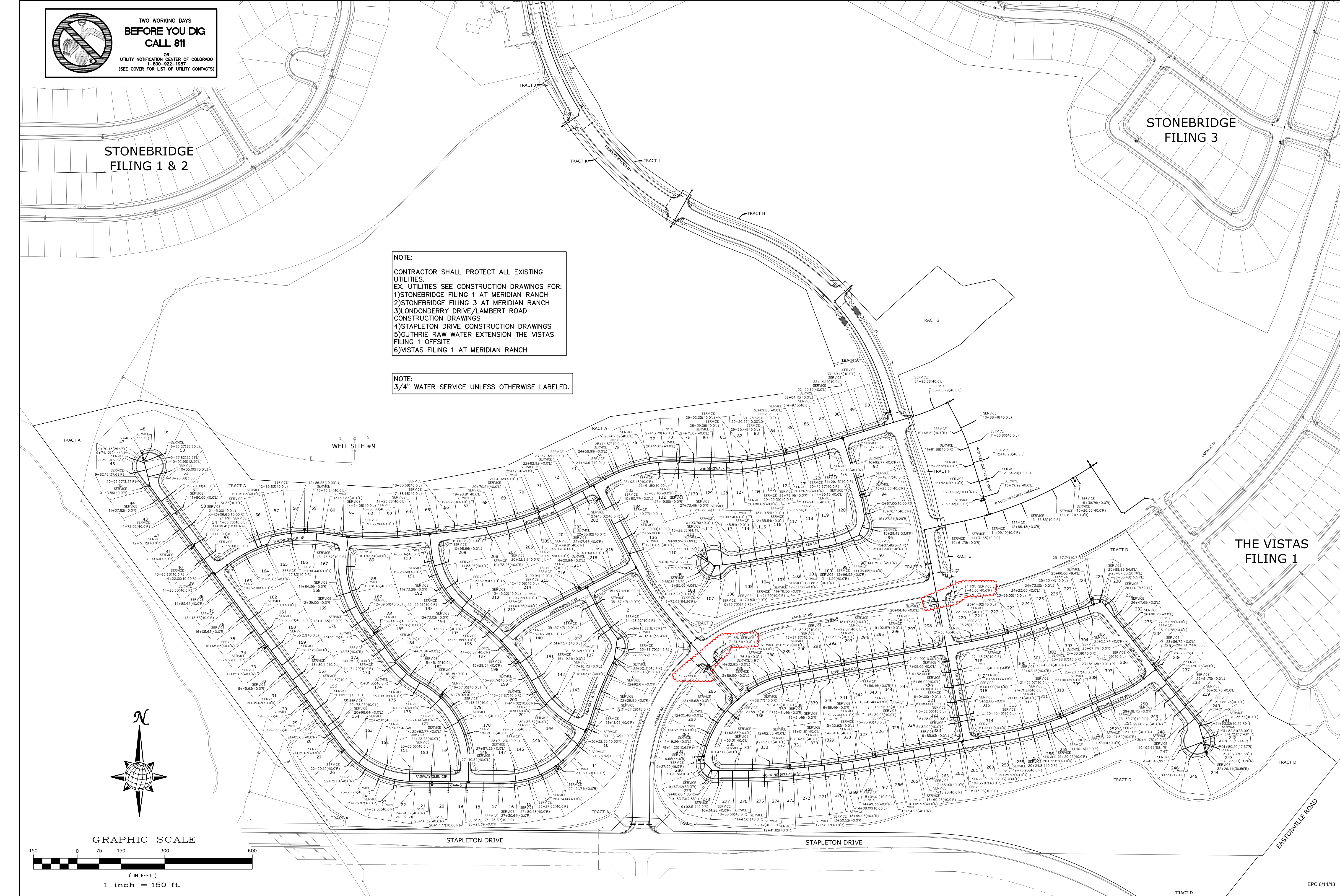
NOTE:
CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1)STONEBRIDGE FILING 1 AT MERIDIAN RANCH
2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
3)LONDONDERRY DRIVE/LAMBERT ROAD
CONSTRUCTION DRAWINGS
4)STAPLETON DRIVE CONSTRUCTION DRAWINGS
5)GUTHRIE RAW WATER EXTENSION THE VISTAS FILING 1 OFFSITE
6)VISTAS FILING 1 AT MERIDIAN RANCH

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

WELL SITE #9

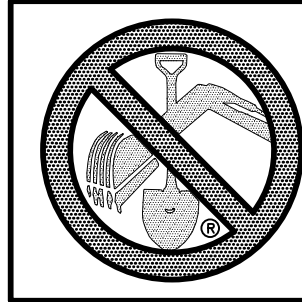
THE VISTAS
FILING 1

TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE 719.495.7444 FAX 719.495.2457		No.		Revisions		Date		Init.		Appr.		Date					
MERIDIAN RANCH												WINDINGWALK FI AT MERIDIAN RANCH		STREET AND UTILITY PLANS		OVERALL WATER SERVICES	
Scale		AS SHOWN		Drawn by		Loc		Checked by		TAK		Date					
42 of 55		MAY 2008															
												EPC 6/14/18		PCD PROJECT NO. SF-18-002			



GRAPHIC SCALE





TWO WORKING DAYS
BEFORE YOU DIG
CALL 811

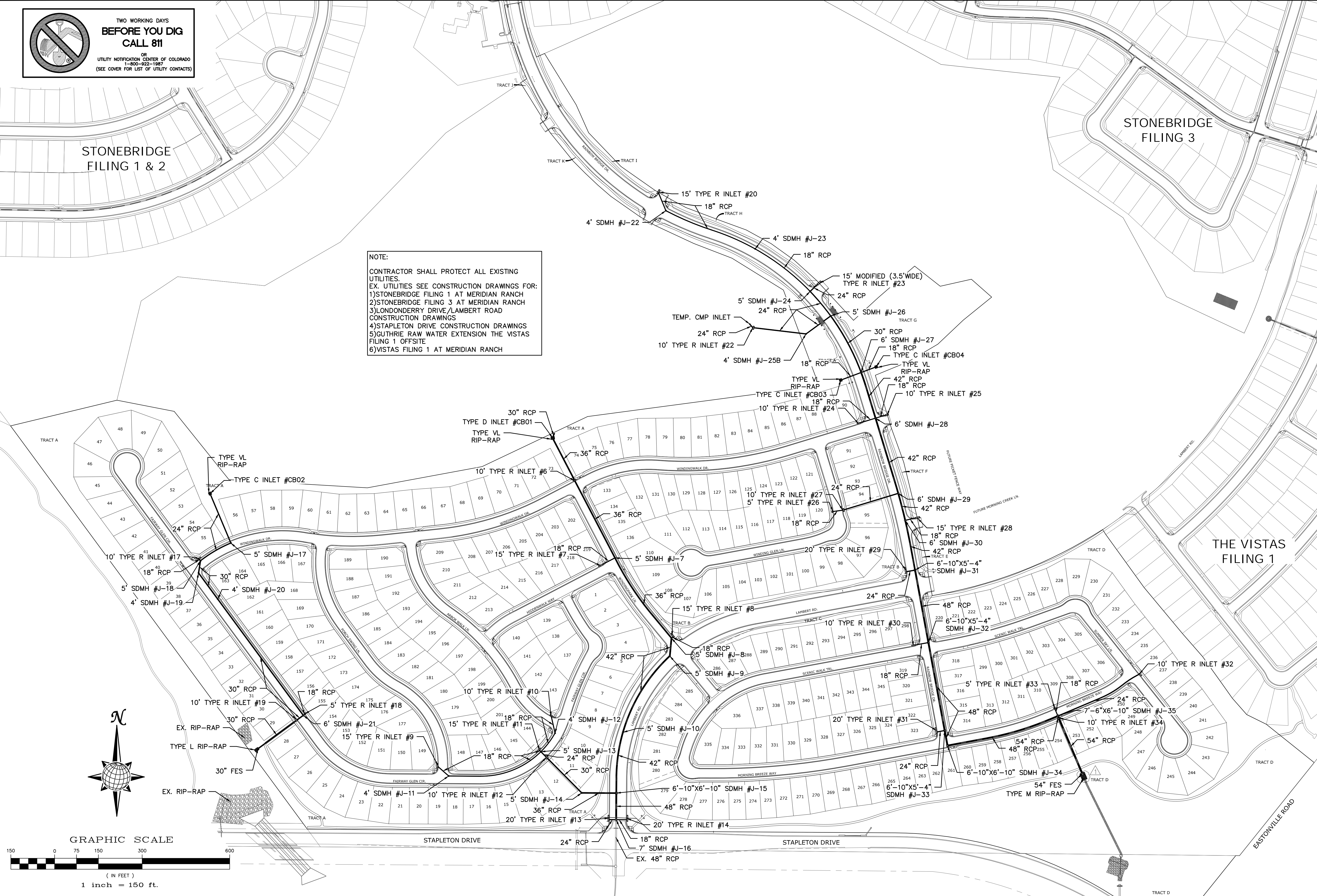
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

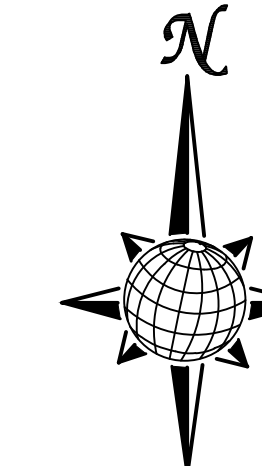
STONEBRIDGE
FILING 1 & 2

STONEBRIDGE
FILING 3

NOTE:
CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1)STONEBRIDGE FILING 1 AT MERIDIAN RANCH
2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
3)LONDONDERRY DRIVE/LAMBERT ROAD CONSTRUCTION DRAWINGS
4)STAPLETON DRIVE CONSTRUCTION DRAWINGS
5)GUTHRIE RAW WATER EXTENSION THE VISTAS FILING 1 OFFSITE
6)VISTAS FILING 1 AT MERIDIAN RANCH

LOG	06/28/18	1	54" RCP OUTLET PROTECTION (8' 20' + 43')	No.	Revisions	Date	Appr.	Date
<div>TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE 719.495.7444 FAX 719.495.2457</div> <div>MERIDIAN RANCH</div> <div>WINDINGWALK F1 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL STORM DRAIN</div> <div>Drawn by LOG Checked by TAK Date MAY 2018</div> <div>Scale AS SHOWN 43 of 55</div> <div></div>								





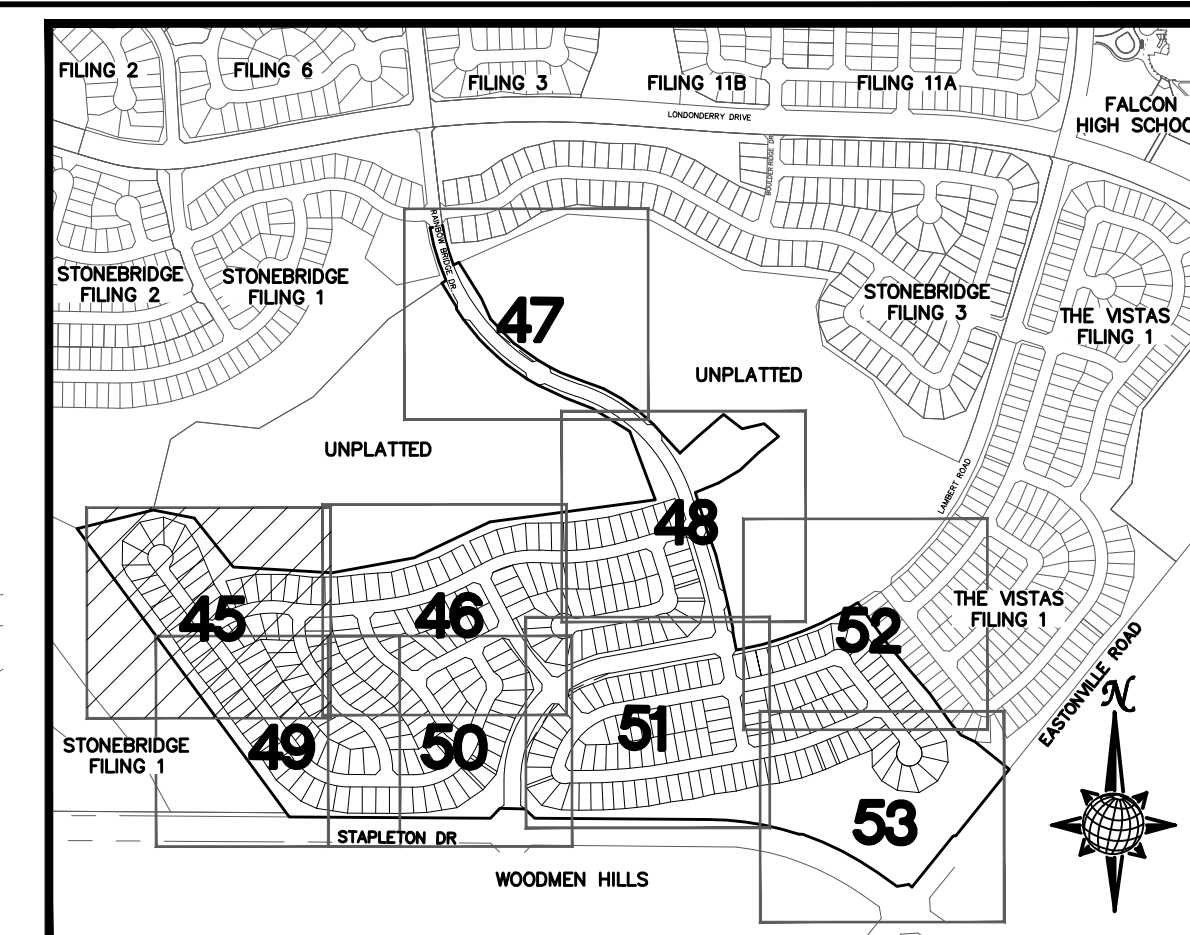
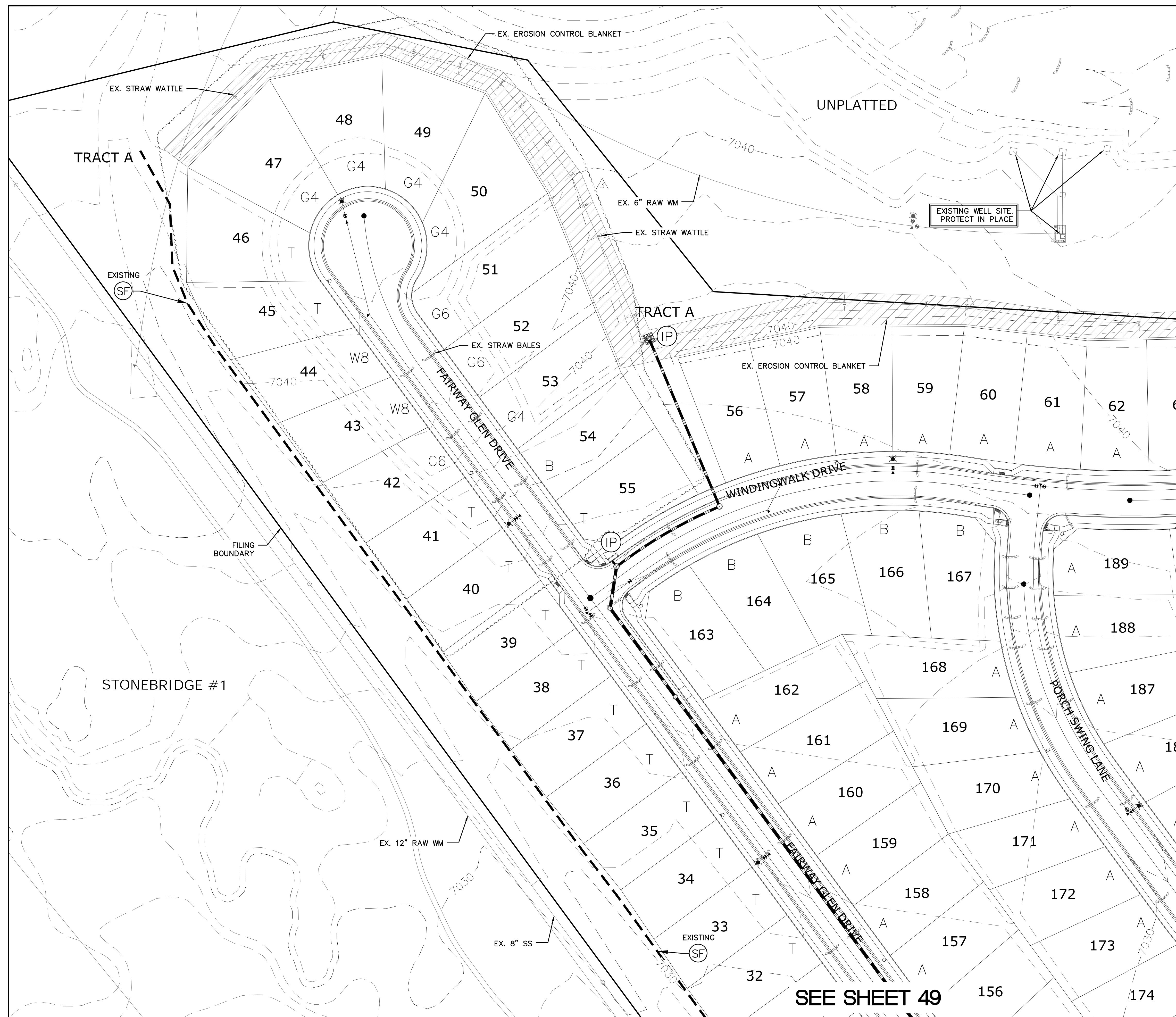
GRAPHIC SCALE

150 0 75 150 300 600

(IN FEET)








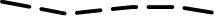




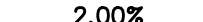
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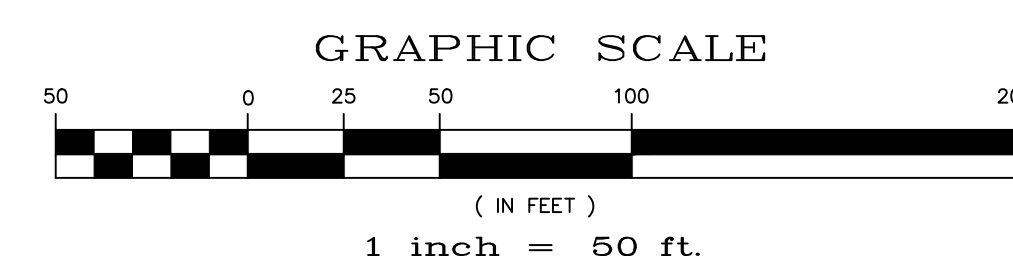
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INDEX MAP
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LEGEND

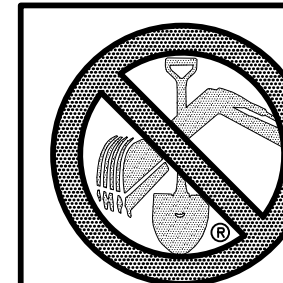
<u>SYMBOL</u>	<u>ACRONYM</u>	<u>DESCRIPTION</u>
		STRAW BALES
		EROSION WATTLES PER DETAIL SHEET 55
		EROSION CONTROL BLANKET PER DETAIL ECB-1 & ECB-2 DCM VOL. 2
	RCP	REINFORCED CONCRETE PIPE
	(SF)	SILT FENCE PER DETAIL SF-1, SF-2 & SF-3 DCM VOL. 2
	(VTC)	VEHICLE TRACKING CONTROL PER DETAIL VT-2 DCM VOL. 2
		INLET PROTECTION PER DETAIL SHEET 55
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		GRADE
2.00%		
75		LOT NUMBER
A		LOT GRADE TYPE



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 54.

CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR
1)STONEBRIDGE FILING 11 AT MERIDIAN RANCH
2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
3)LONDONDERRY DRIVE/LAMBERT ROAD
CONSTRUCTION DRAWINGS
4)STAPLETON DRIVE CONSTRUCTION DRAWINGS
5)GUTHRIE RAW WATER EXTENSION THE VISTAS
FILING 1 OFFSITE
6)MERIDIAN RANCH FILING 11
7)VISTAS FILING 1 AT MERIDIAN RANCH

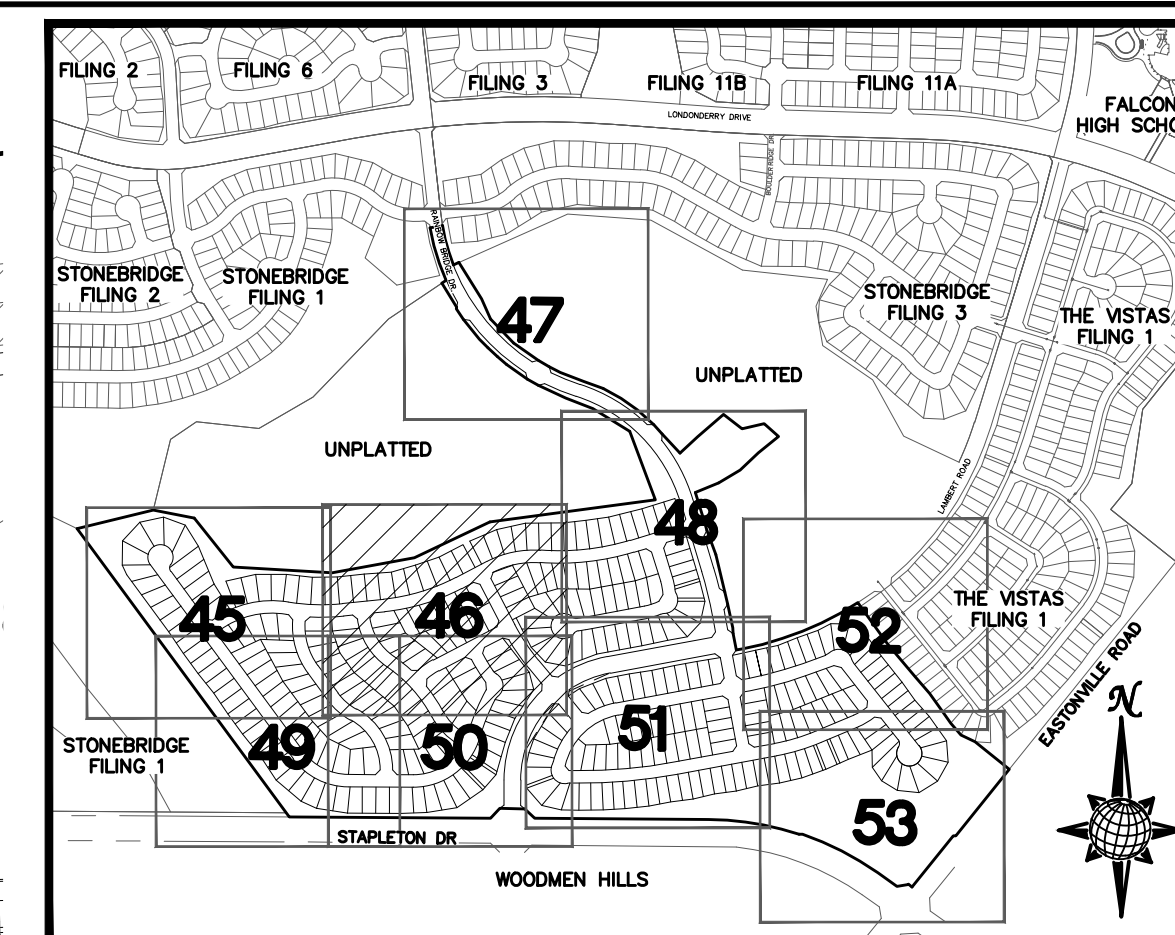
ALL EXISTING BMPs ARE PER THE APPROVED
ROUGH GRADING PLAN FOR WINDINGWALK AT
MERIDIAN RANCH (PCD FILE NO 17-001)
APPROVED ON MARCH 6, 2018.










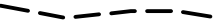
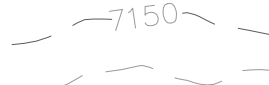



**TWO WORKING DAYS
BEFORE YOU DIG
CALL 811**

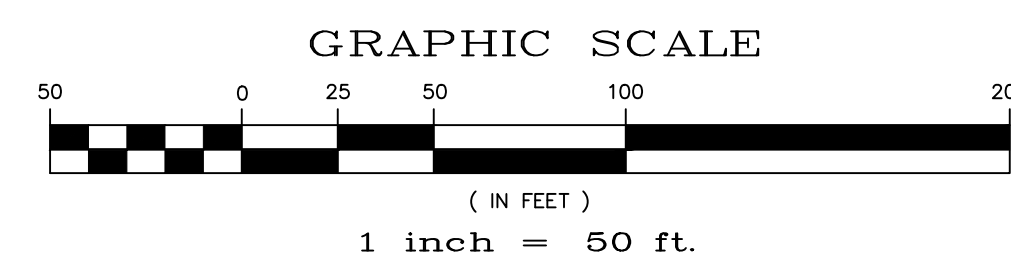
OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

	Scale	AS SHOWN	Drawn by LCG	WINDINGWALK FLY AT MERIDIAN RANCH GRADING+EROSION CONTROL PLAN	 MERIDIAN RANCH	TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457	1	54' RCP OUTLET PROTECTION (84' 20' + 43)	06/28/18	LOG		
							2	ADD SS FIT. MORNING CREEK LINGSH (26,36,37,38,40,48,+52)	07/16/18	LOG		
	45 of 55		Checked by TIK				3	RAISE FAIRWAY GLEN DRIVE (84' 5, 7, 8, 10, + 45)	08/20/18	LOG		
			Date MAY 2018	PLAN SHEET								
							No.	Revisions	Date	Appr.	Date	



INDEX MAP
N.T.S.

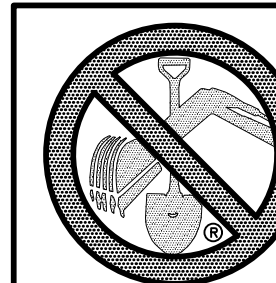
<u>SYMBOL</u>	<u>ACRONYM</u>	<u>DESCRIPTION</u>
		STRAW BALES
		EROSION WATTLES
		PER DETAIL SHEET 55
		EROSION CONTROL BLANKET
		PER DETAIL ECB-1 & ECB-2
		DCM VOL. 2
	RCP	REINFORCED CONCRETE PIPE
	(SF)	SILT FENCE PER DETAIL SF-1, SF-2 & SF-3 DCM VOL. 2
	(VTC)	VEHICLE TRACKING CONTROL PER DETAIL VT-2 DCM VOL. 2
	(IP)	INLET PROTECTION PER DETAIL SHEET 55
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
2.00%		GRADE
75		LOT NUMBER
A		LOT GRADE TYPE



NOTE:
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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 54.

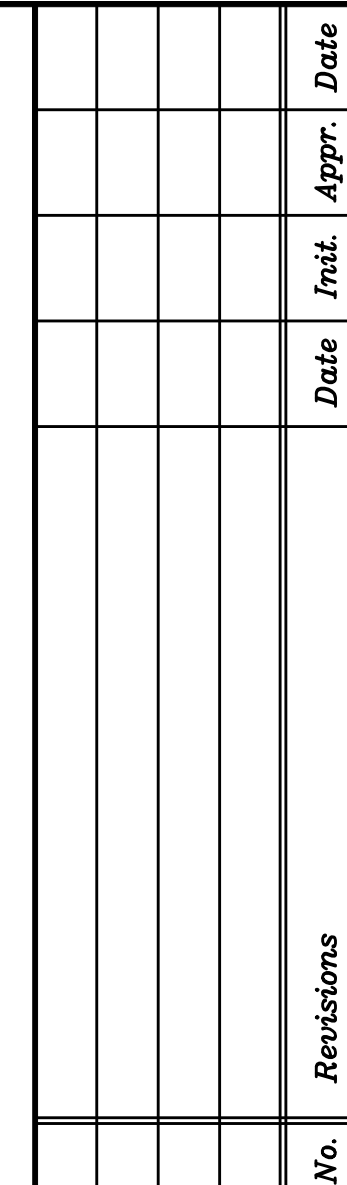
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2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
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CONSTRUCTION DRAWINGS
4)STAPLETON DRIVE CONSTRUCTION DRAWINGS
5)GUTHRIE LAIR WATER EXTENSION THE VISTAS
FILING 1 OFFSITE
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ALL EXISTING BMPs ARE PER THE APPROVED
ROUGH GRADING PLAN FOR WINDINGWALK AT
MERIDIAN RANCH (PCD FILE NO 17-001)
APPROVED ON MARCH 6, 2018.



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



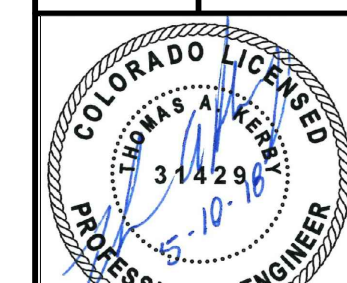
TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457

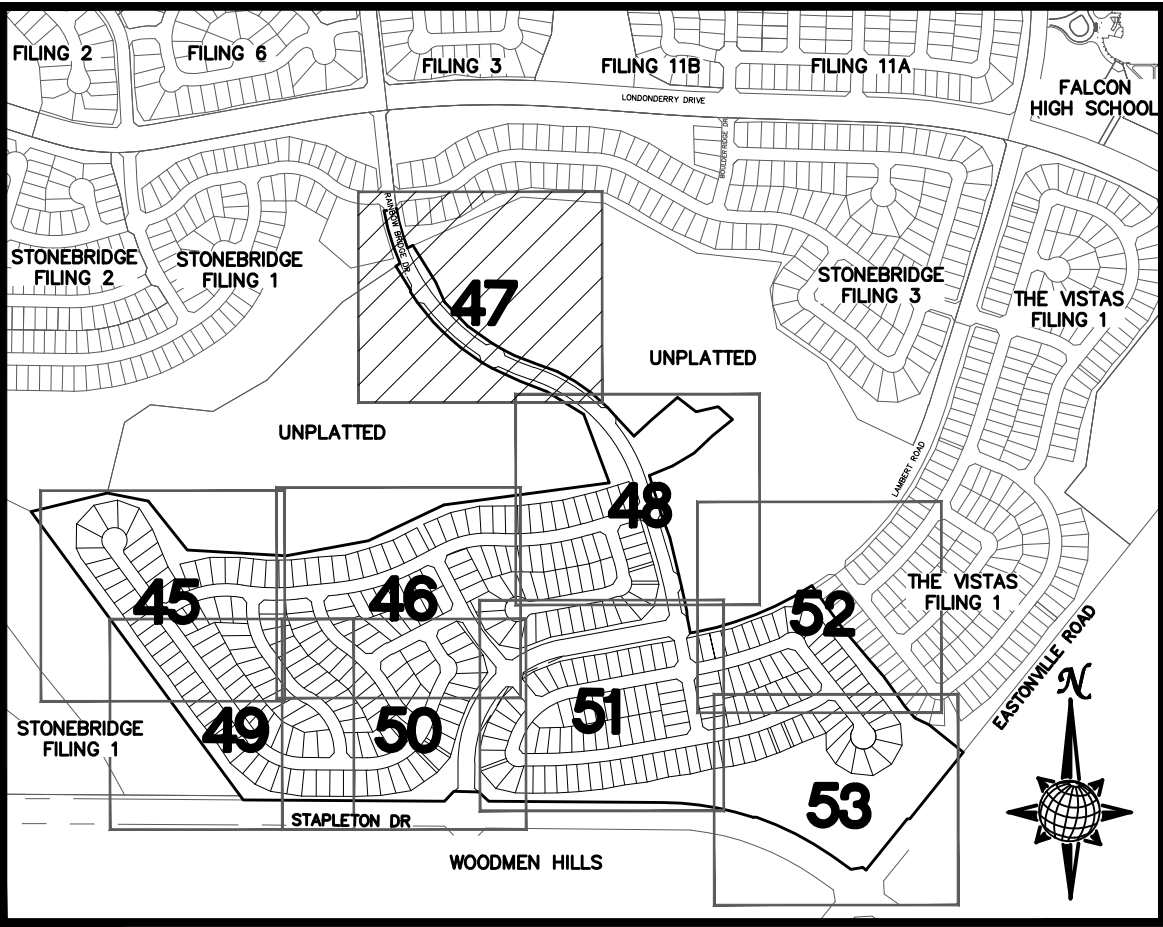
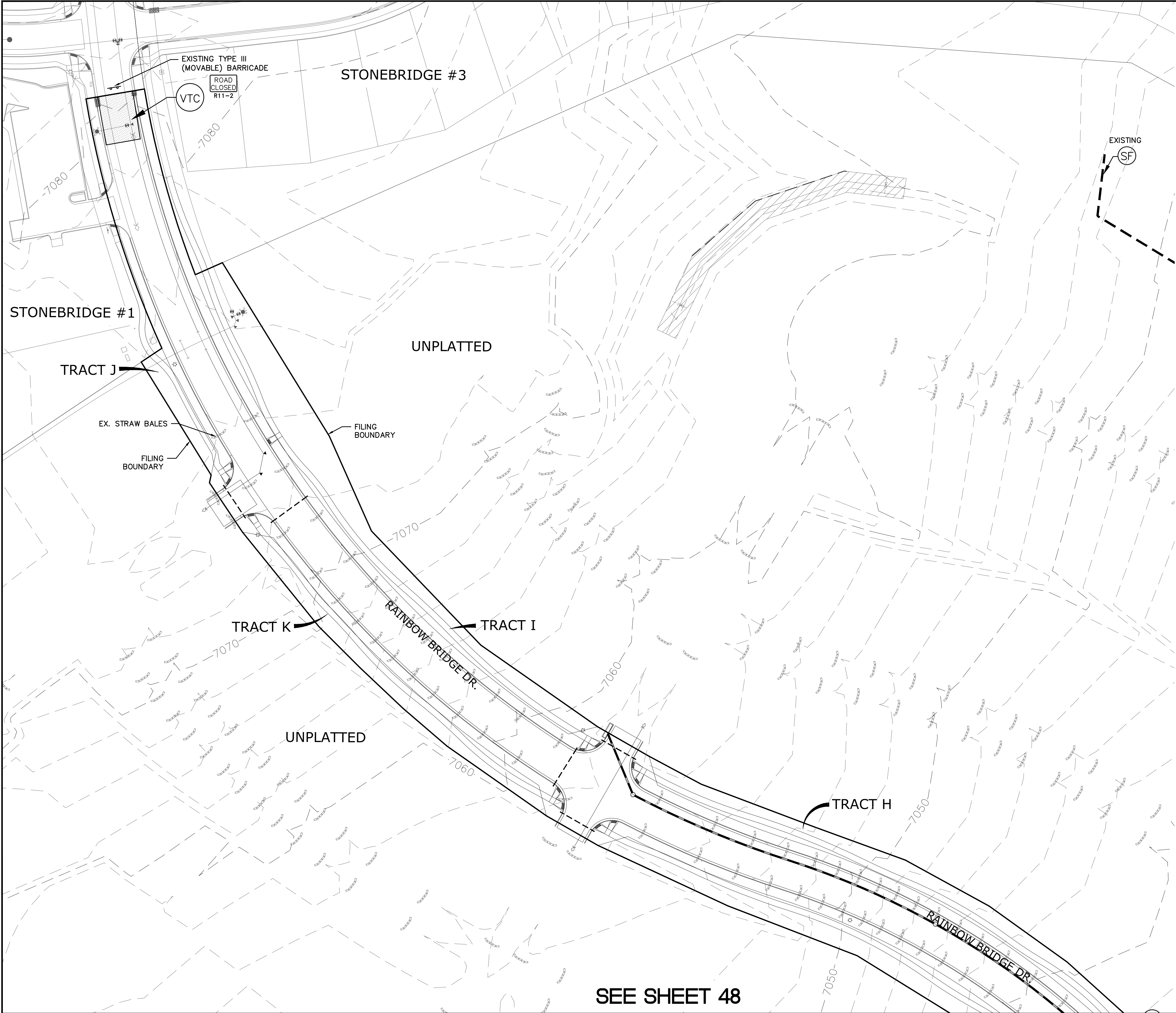


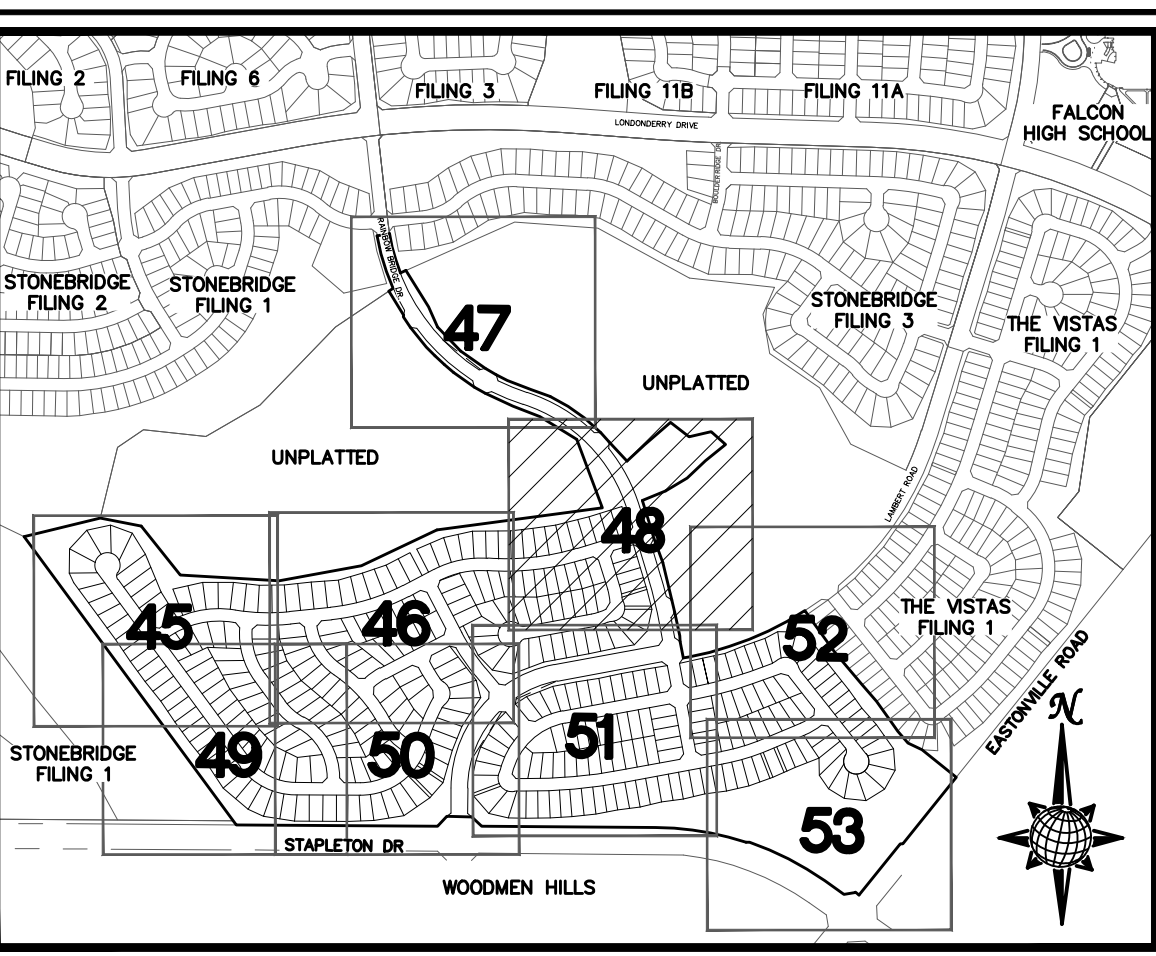
WINDINGWALK FL AT MERIDIAN RANCH

Drawn by LOG	Checked by TAK	Date
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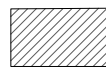




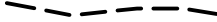

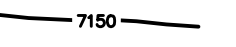

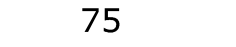
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AS SHOWN	
46 of 55	

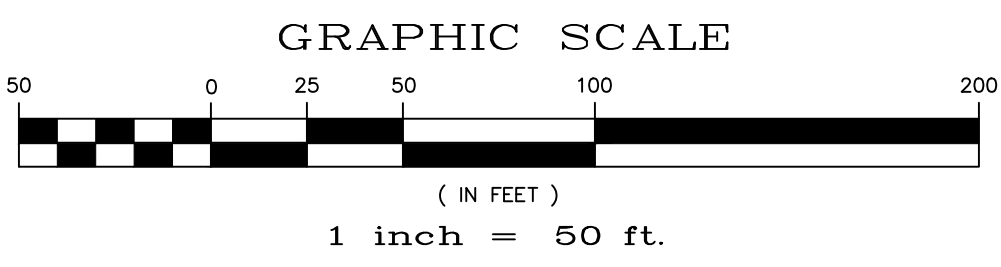






INDEX MAP
N.T.S.

<u>SYMBOL</u>	<u>ACRONYM</u>	<u>DESCRIPTION</u>
		STRAW BALES
		EROSION WATTLES PER DETAIL SHEET 55
		EROSION CONTROL BLANKET PER DETAIL ECB-1 & ECB-2 DCM VOL. 2
	RCP	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 55
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
2.00%		GRADE
75		LOT NUMBER
A		LOT GRADE TYPE

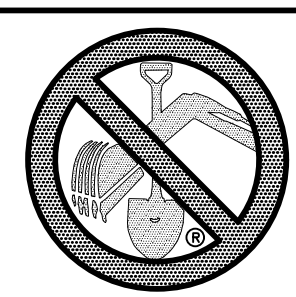
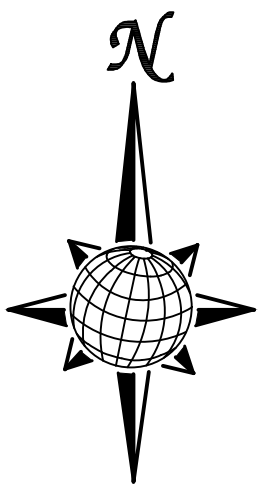


NOTE:
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TYPICAL STREET SECTION SHOWN ON SHEET 54.

CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1)STONEBRIDGE FILING 1 AT MERIDIAN RANCH
2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
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CONSTRUCTION DRAWINGS

4) STAPLETON DRIVE CONSTRUCTION DRAWINGS
5) GUTHRIE RAW WATER EXTENSION THE VISTAS
FILING 1 OFFSITE
6) MERIDIAN RANCH FILING 11
7) VISTAS FILING 1 AT MERIDIAN RANCH

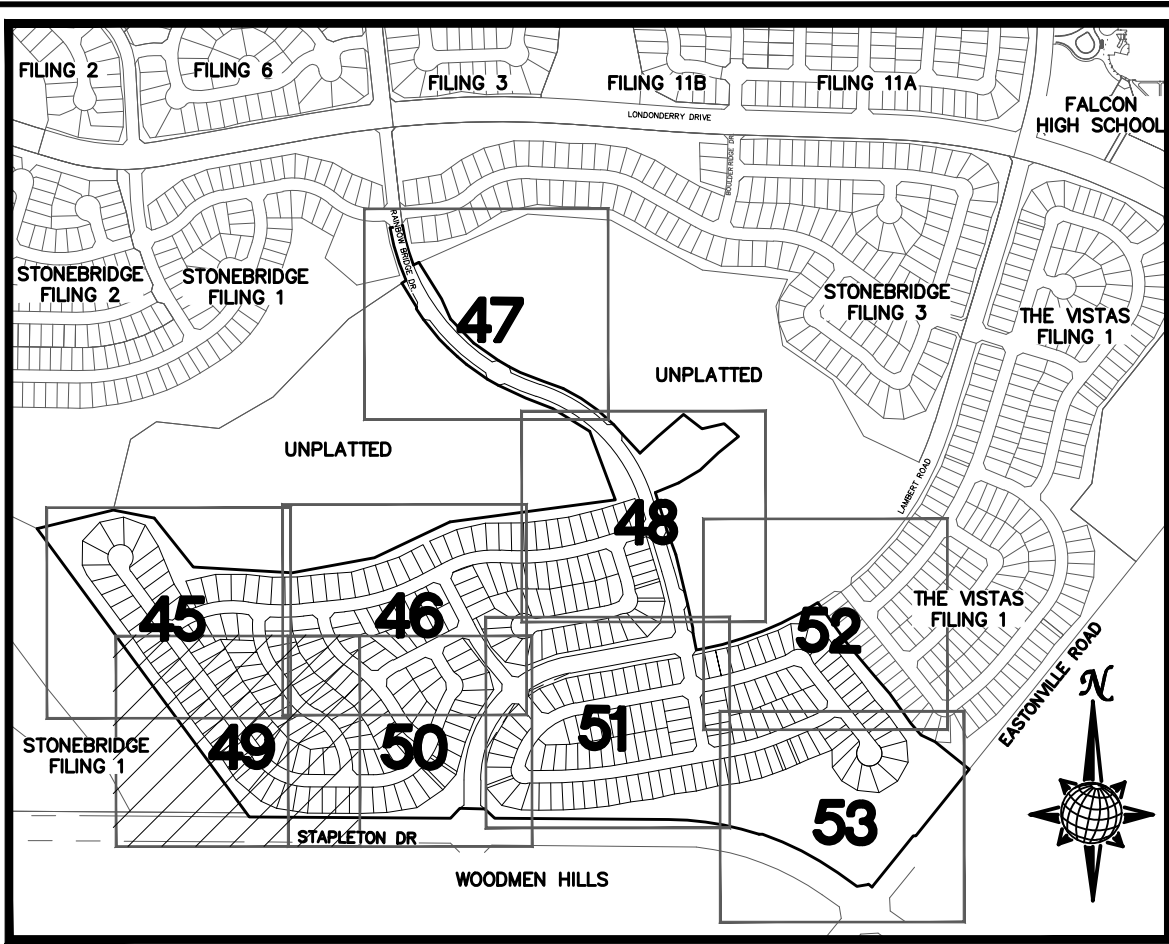
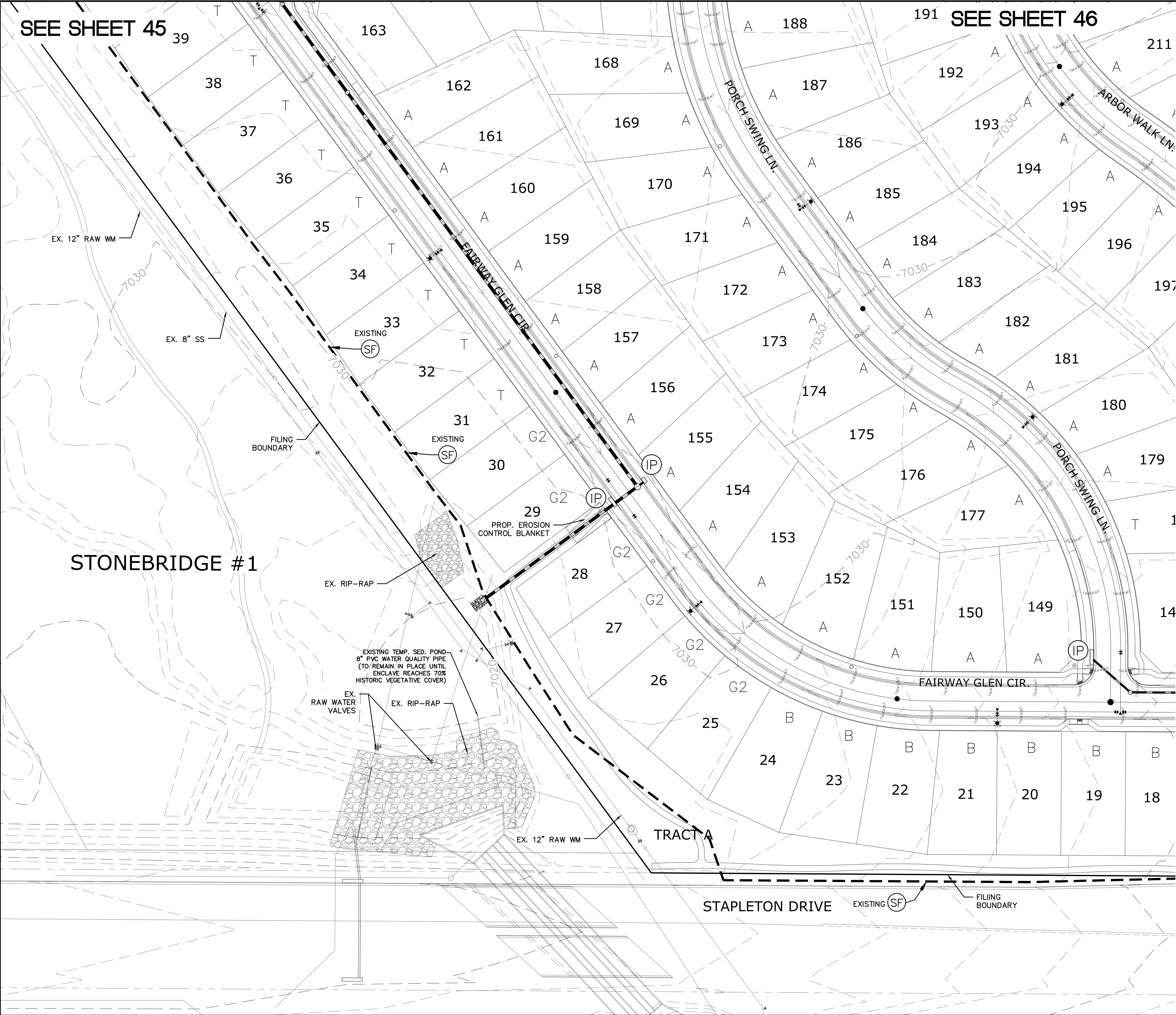
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ROUGH GRADING PLAN FOR WINDINGWALK AT
MERIDIAN RANCH (PCD FILE NO 17-001)
APPROVED ON MARCH 6, 2018.



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

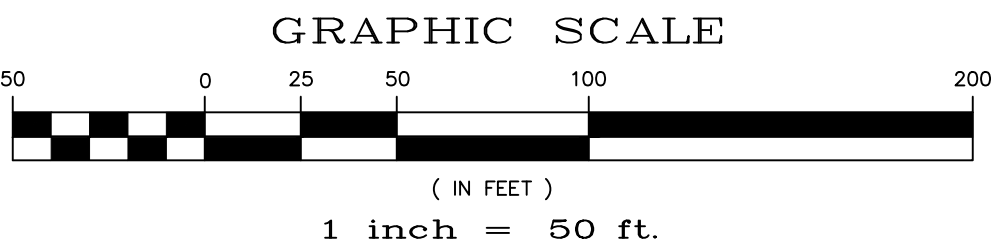
	Scale AS SHOWN	48 of 55	<div>Drawn by LOG</div> <div>Checked by TAK</div> <div>Date MAY 2018</div> <div>PLAN SHEET</div>	 MERIDIAN RANCH	TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457	1	54' RCP OUTLET PROTECTION (SH 20 + 43)	06/28/16	LOG		
						2	ADD. SUT. MORNING CREEK LINES (26.36,37.38,40,46,152)	07/16/16	LOG		
						No.	Revisions	Date	Instr.	Appr.	Date



INDEX MAP
N.T.S.

LEGEND

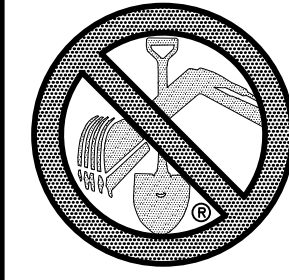
SYMBOL	ACRONYM	DESCRIPTION
		STRAW BALES
		EROSION WATTLES PER DETAIL SHEET 55
		EROSION CONTROL BLANKET PER DETAIL ECB-1 & ECB-2 DOM VOL. 2
	RCP	REINFORCED CONCRETE PIPE
	SF	SILT FENCE PER DETAIL SF-1, SF-2 & SF-3 DOM VOL. 2
	UTC	VEHICLE TRACKING CONTROL PER DETAIL VT-2 DOM VOL. 2
	IP	INLET PROTECTION PER DETAIL SHEET 55
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		GRADE
		LOT NUMBER
		LOT GRADE TYPE



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ROUGH GRADING PLAN FOR WINDINGWALK AT
MERIDIAN RANCH (PCD FILE NO 17-001)
APPROVED ON MARCH 6, 2018.

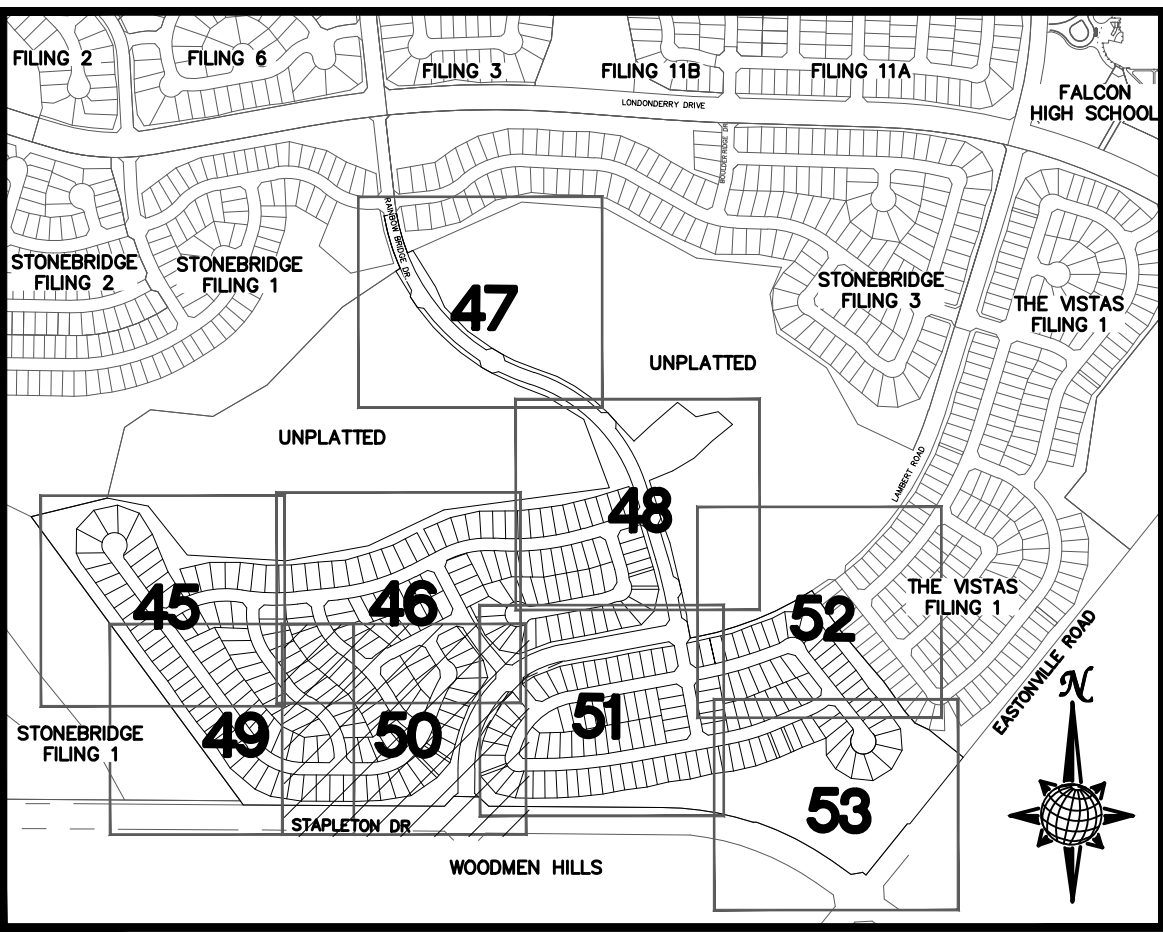
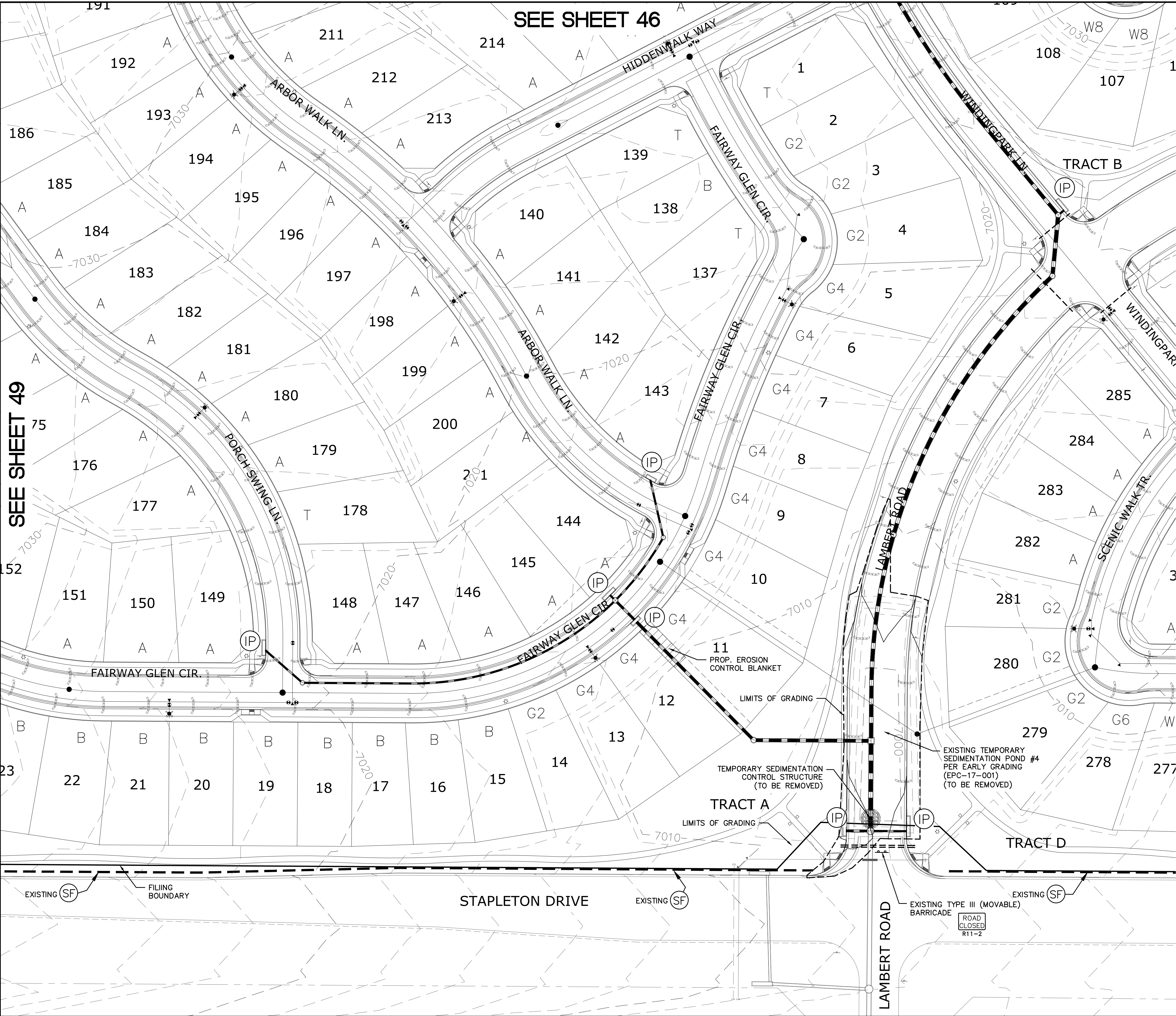


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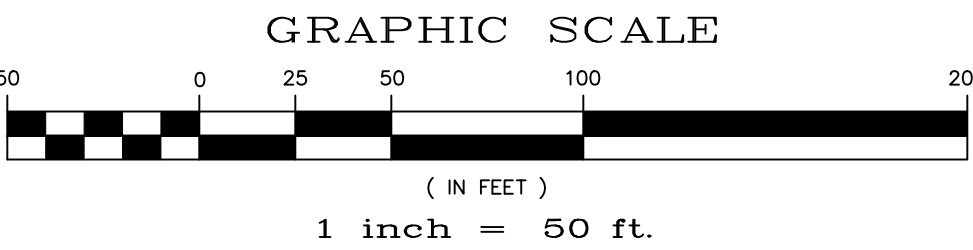
EPC 6/14/18

TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457		No.		Revisions		Date		Init.		Appr.		Date	
 MERIDIAN RANCH													
WINDINGWALK F1 AT MERIDIAN RANCH GRADING-EROSION CONTROL PLAN PLAN SHEET													
Drawn by Loc		Checked by TAK		Date MAY 2018		Scale AS SHOWN		49 of 55					



INDEX MAP
N.T.S.

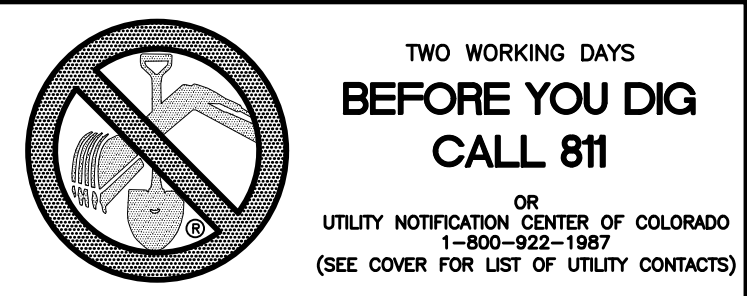
SYMBOL	ACRONYM	DESCRIPTION
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		EROSION CONTROL BLANKET PER DETAIL ECB-1 & ECB-2 DCM VOL. 2
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		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		GRADE
		LOT NUMBER
		LOT GRADE TYPE



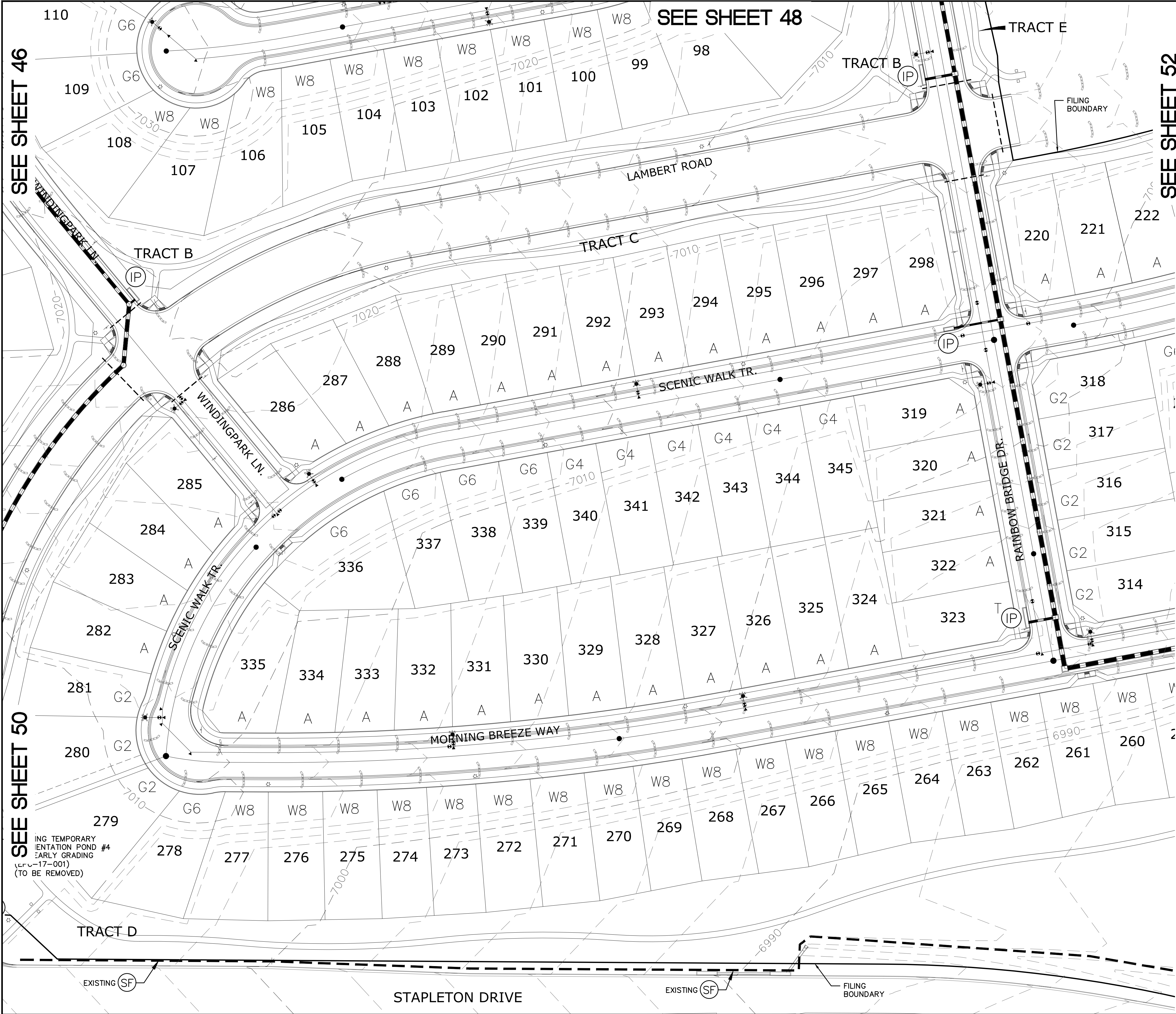
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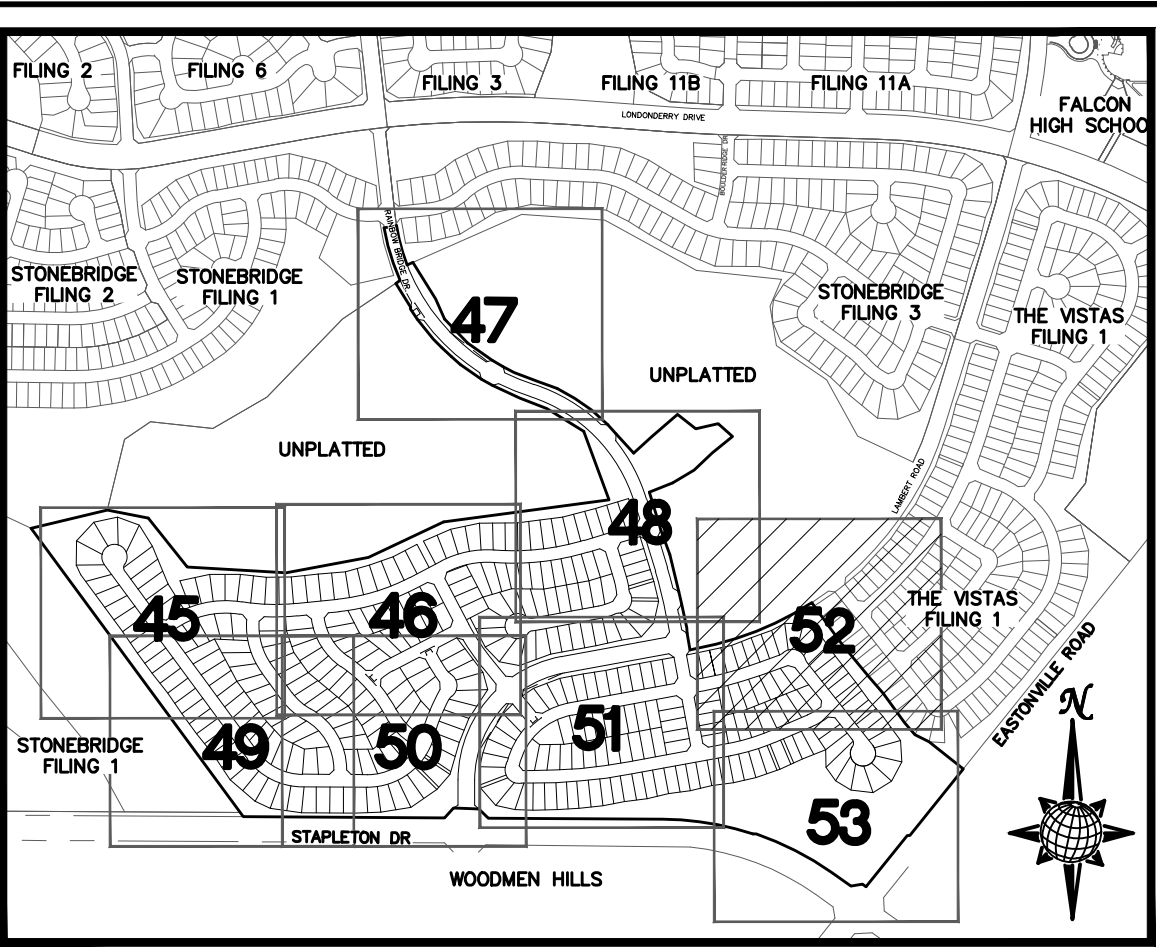
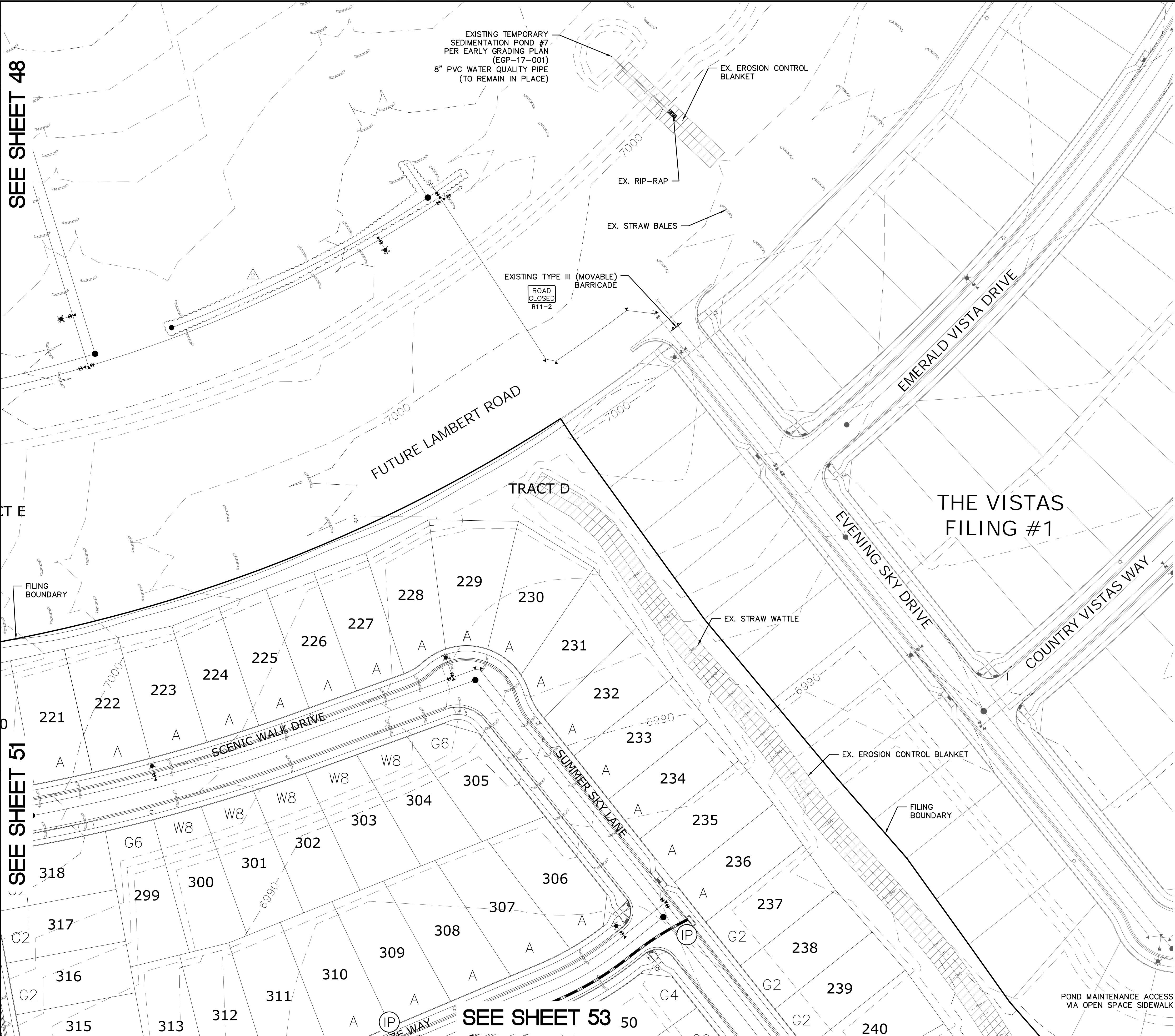
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MERIDIAN RANCH (PCD FILE NO 17-001)
APPROVED ON MARCH 6, 2018.

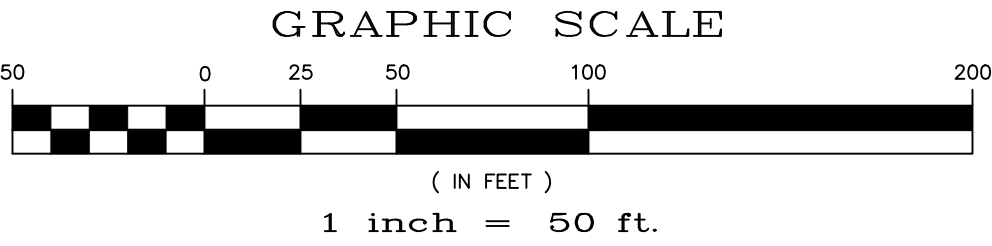


No.	Revisions	Date	Init.	Appr.	Date
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457					
MERIDIAN RANCH					
WINDINGWALK F1 AT MERIDIAN RANCH GRADING-EROSION CONTROL PLAN PLAN SHEET					
Drawn by	Loc	Checked by	TAK	Date	MAY 2018
Scale	AS SHOWN	50	of	55	
COLORADO LICENSED PROFESSIONAL ENGINEER 314296 EPC 6/14/18					





SYMBOL	ACRONYM	DESCRIPTION
		STRAW BALES
		EROSION WATTLES PER DETAIL SHEET 55
		EROSION CONTROL BLANKET PER DETAIL ECB-1 & ECB-2 DCM VOL. 2
		RCP
	SF	SILT FENCE PER DETAIL SF-1, SF-2 & SF-3 DCM VOL. 2
	UTC	VEHICLE TRACKING CONTROL PER DETAIL VT-2 DCM VOL. 2
	IP	INLET PROTECTION PER DETAIL SHEET 55
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		GRADE
		LOT NUMBER
		LOT GRADE TYPE



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EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1)STONEBRIDGE FILING 1 AT MERIDIAN RANCH
2)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
3)LONDONDERRY DRIVE/LAMBERT ROAD CONSTRUCTION DRAWINGS
4)STAPLETON DRIVE CONSTRUCTION DRAWINGS
5)GUTHRIE RAW WATER EXTENSION THE VISTAS FILING 1 OFFSITE
6)MERIDIAN RANCH FILING 11
7)VISTAS FILING 1 AT MERIDIAN RANCH

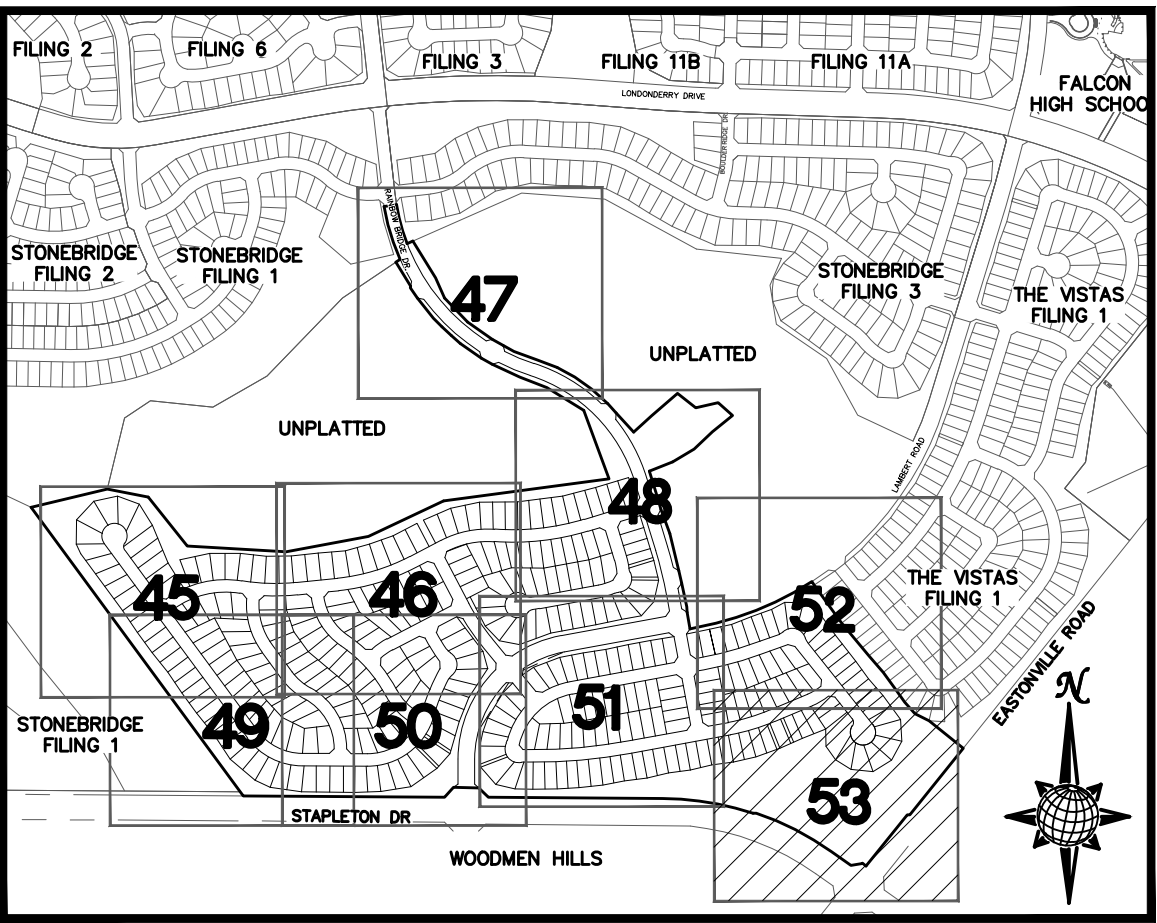
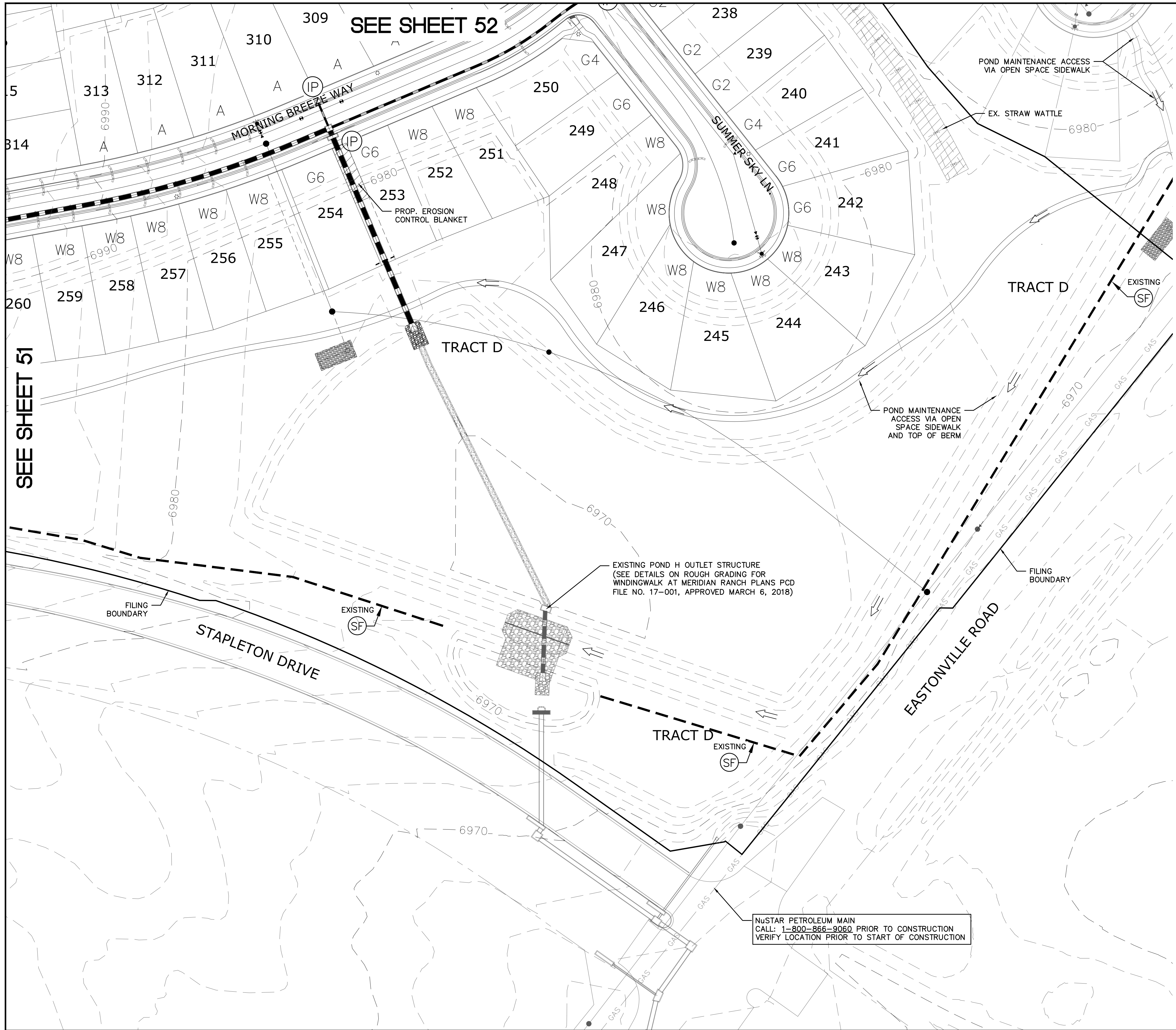
ALL EXISTING BMPs ARE PER THE APPROVED ROUGH GRADING PLAN FOR WINDINGWALK AT MERIDIAN RANCH (PCD FILE NO 17-001) APPROVED ON MARCH 6, 2018.

TWO WORKING DAYS
**BEFORE YOU DIG
CALL 811**









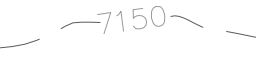

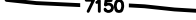


OR
UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
(SEE COVER FOR LIST OF UTILITY CONTACTS)

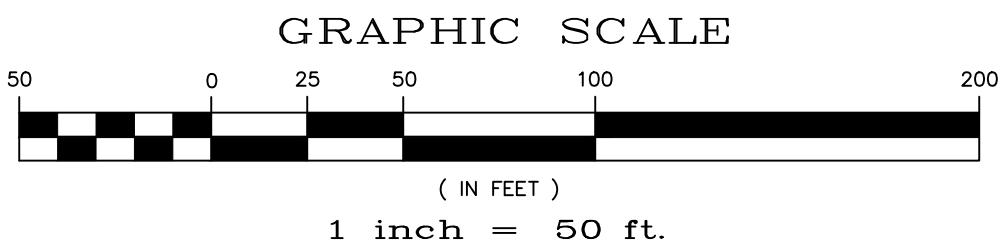
314296
10/2018

LOG	LOG					Date	Appr.
06/28/18	07/16/18						
54" RCP OUTLET PROTECTION (8' 20' + 43')		ADD 88' FT. MORNING CREEK LUSH 2638.57, 28.40, 48.192)					
1	2					No.	Revisions
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE 719.495.7444 FAX 719.495.2457							
MERIDIAN RANCH							
WINDINGWALK F1 AT MERIDIAN RANCH GRADING-EROSION CONTROL PLAN PLAN SHEET							
Drawn by	LOG	Checked by	TAK	Date	MAY 2018		
Scale	AS SHOWN		52 of 55				



INDEX MAP
N.T.S.

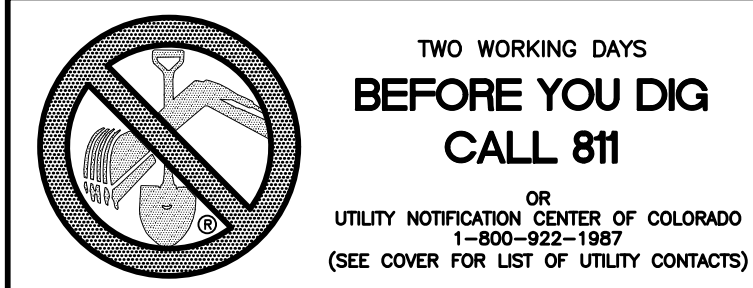
<u>SYMBOL</u>	<u>ACRONYM</u>	<u>DESCRIPTION</u>
		STRAW BALES
		EROSION WATTLES PER DETAIL SHEET 55
		EROSION CONTROL BLANKET PER DETAIL ECB-1 & ECB-2 DCM VOL. 2
	RCP	REINFORCED CONCRETE PIPE
	(SF)	SILT FENCE PER DETAIL SF-1, SF-2 & SF-3 DCM VOL. 2
	(VTC)	VEHICLE TRACKING CONTROL PER DETAIL VT-2 DCM VOL. 2
	(IP)	INLET PROTECTION PER DETAIL SHEET 55
		LIMITS OF GRADING
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
		GRADE
2.00%		
75		
A		
		LOT NUMBER
		LOT GRADE TYPE



NOTE:
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ALL EXISTING BMPs ARE PER THE APPROVED
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MERIDIAN RANCH (PCD FILE NO 17-001)
APPROVED ON MARCH 6, 2018.

[illegible]

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.2457



MERIDIAN RANCH

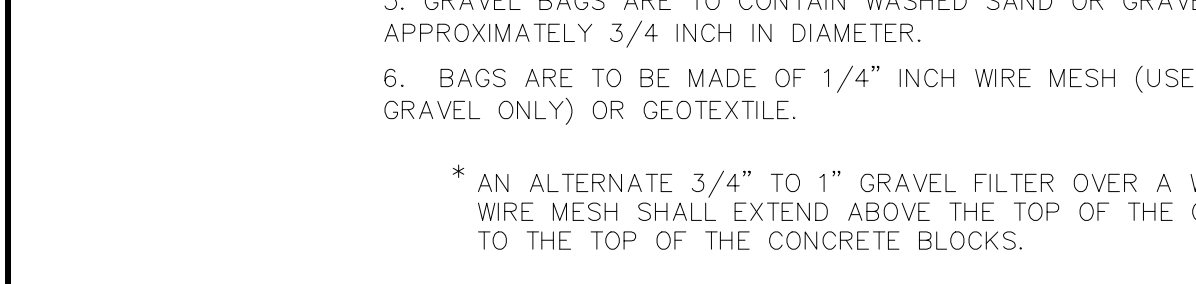
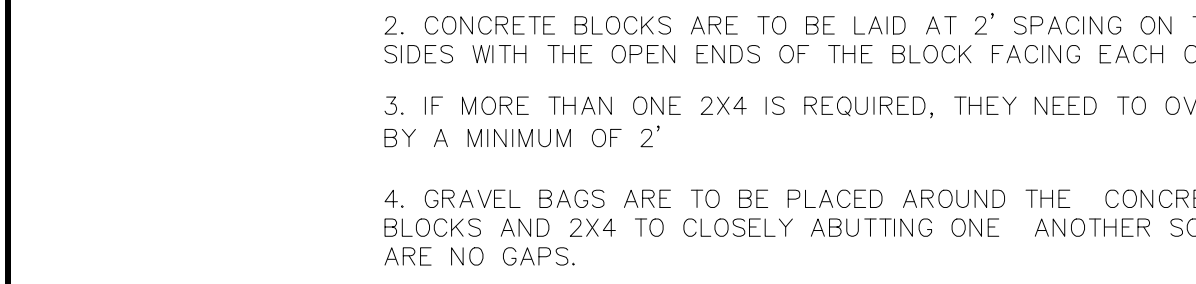
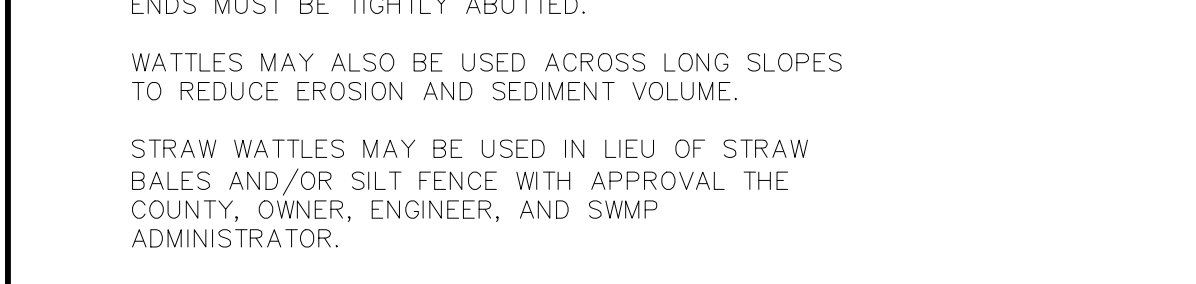
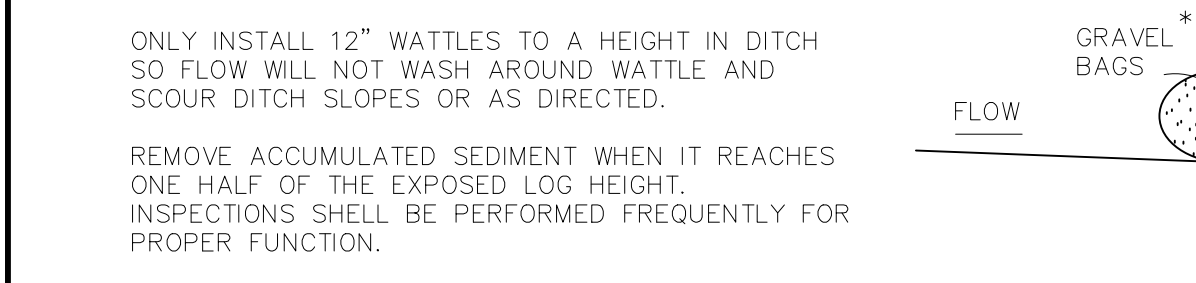
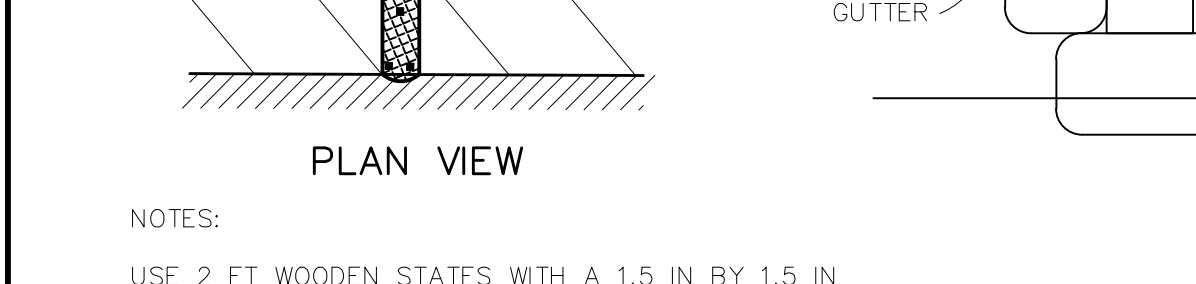
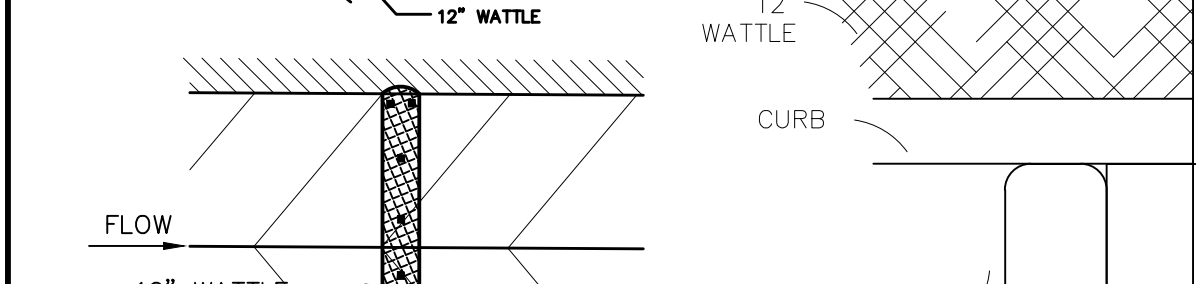
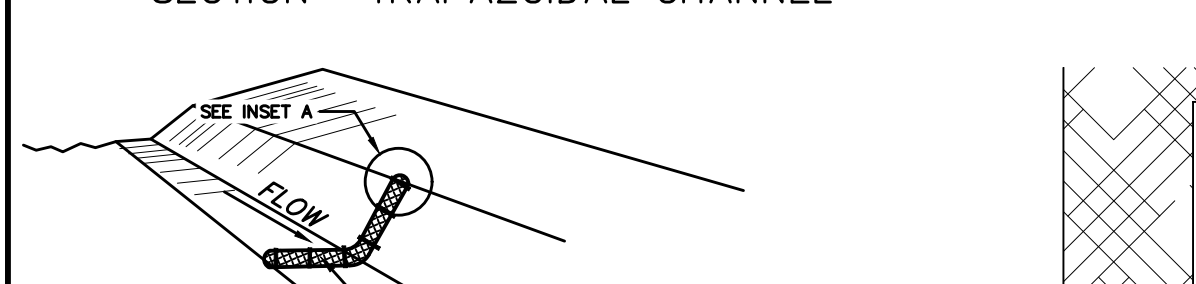
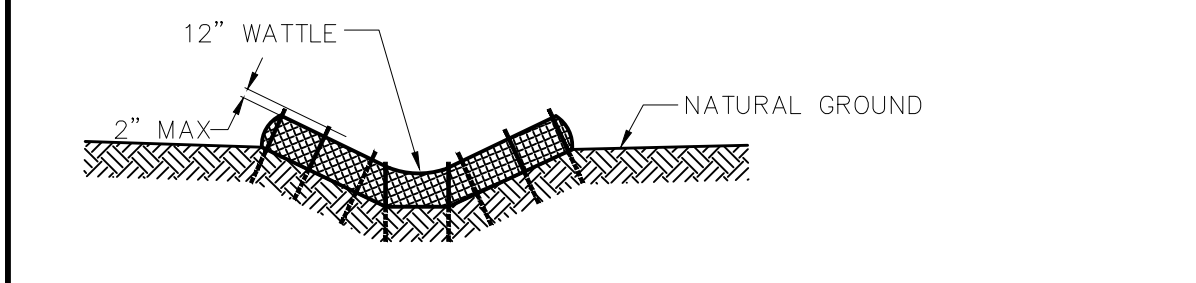
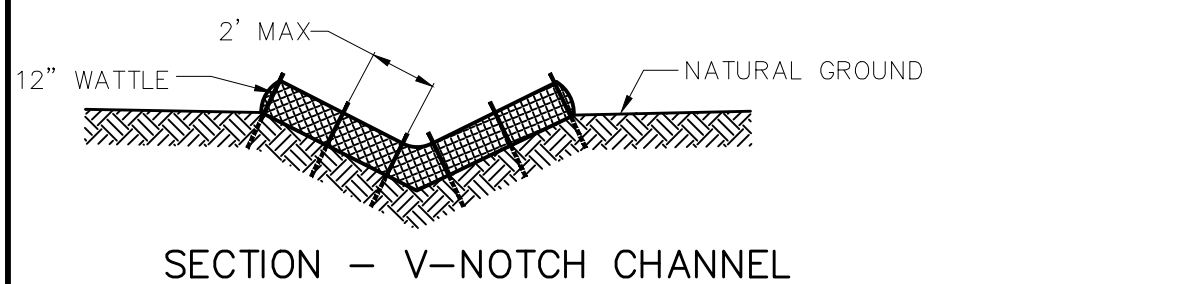
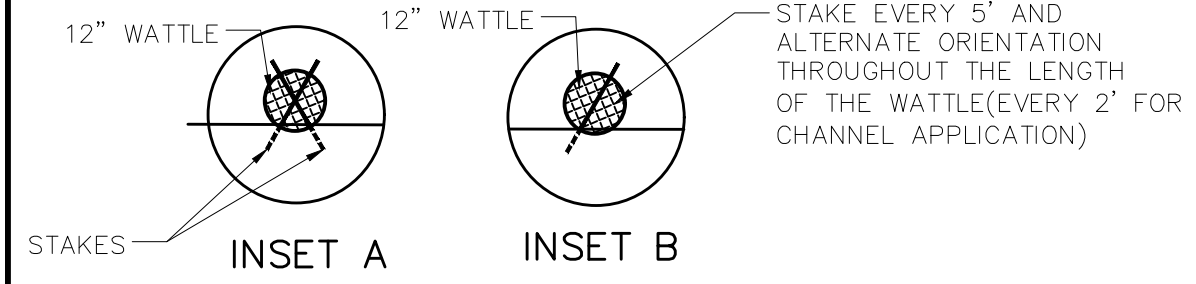
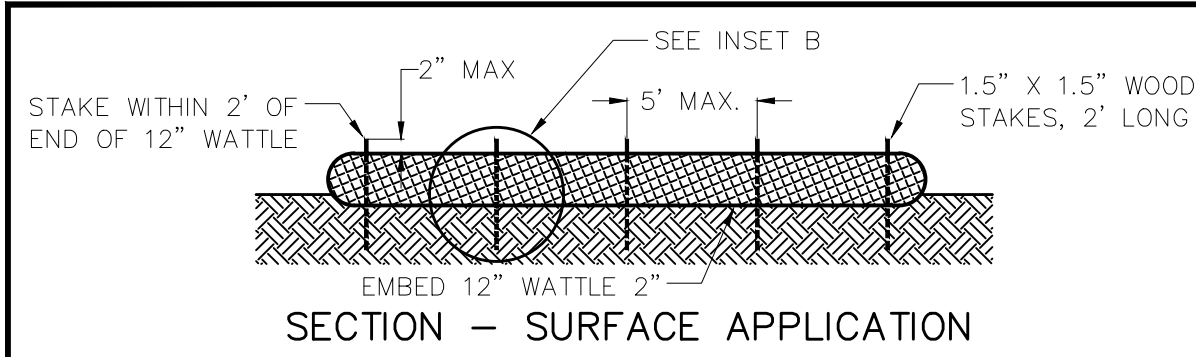
WINDINGWALK F1 AT MERIDIAN RANCH

GRADING+EROSION CONTROL PLAN

PLAN SHEET

Scale AS SHOWN	Drawn by LCG
	Checked by TAK
	Date MAY 2018





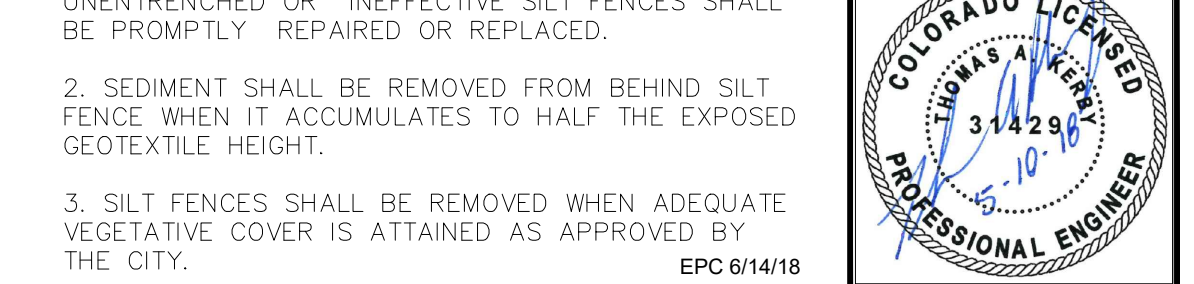
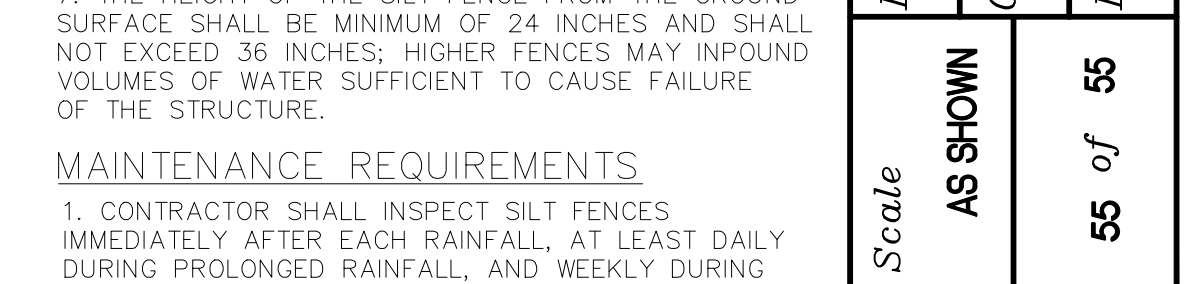
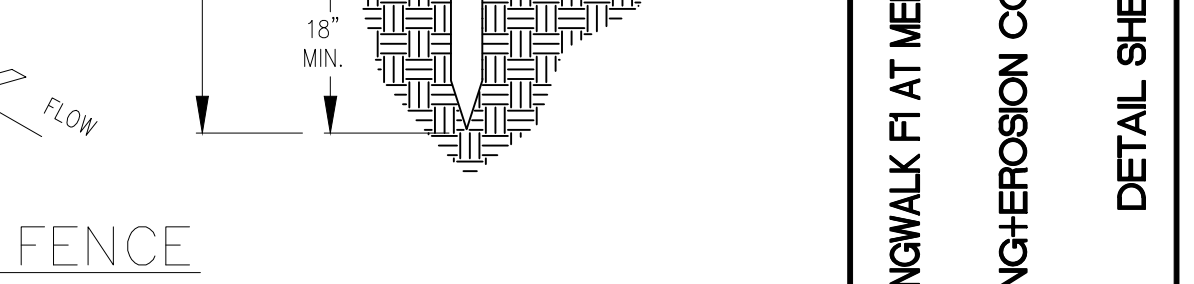
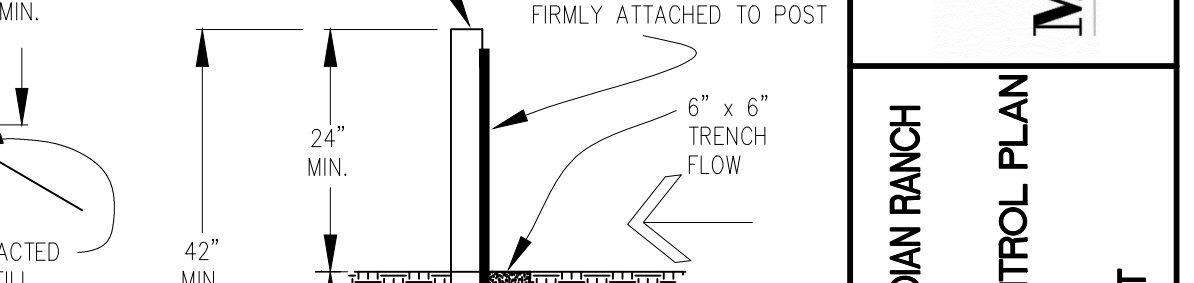
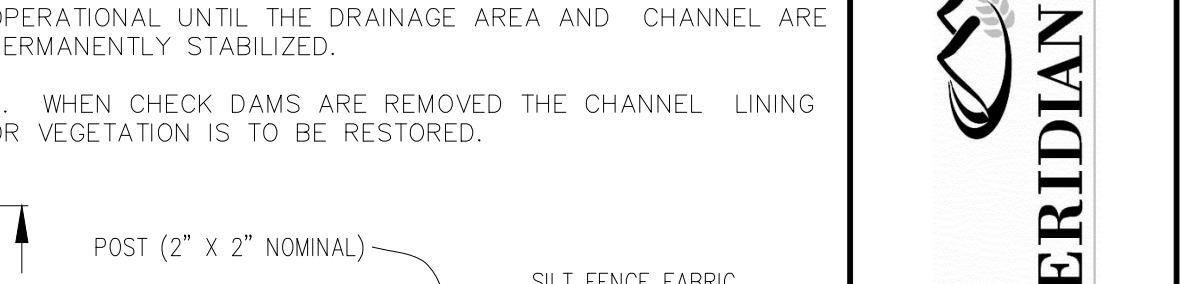
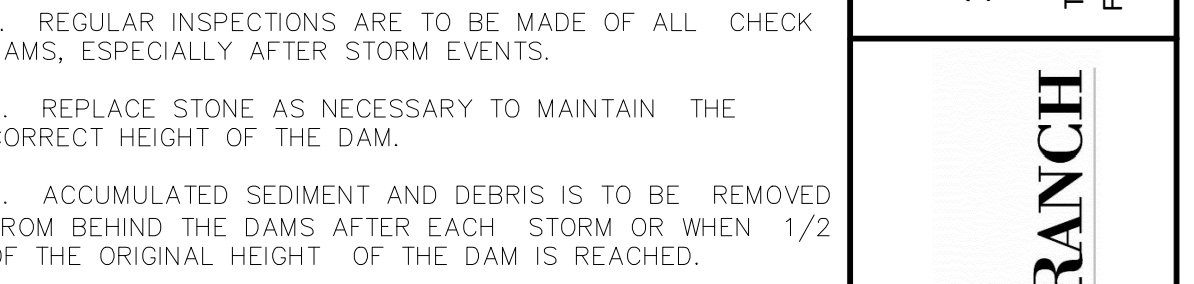
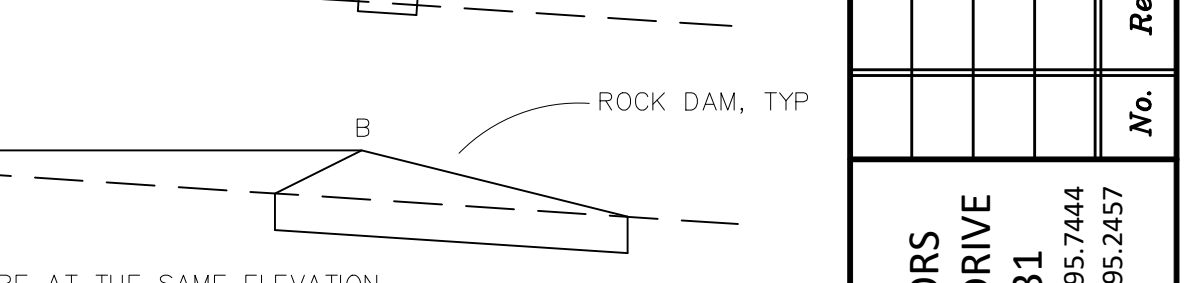
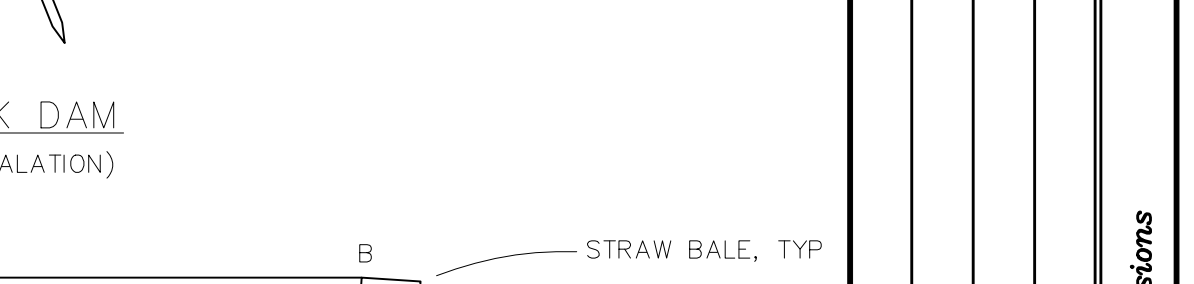
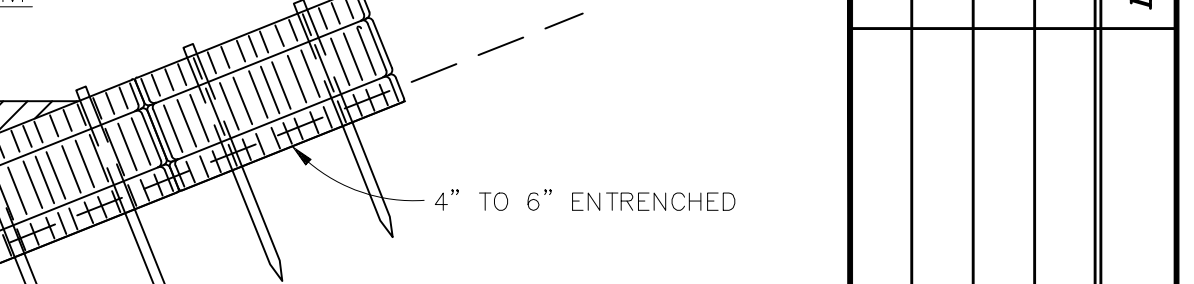
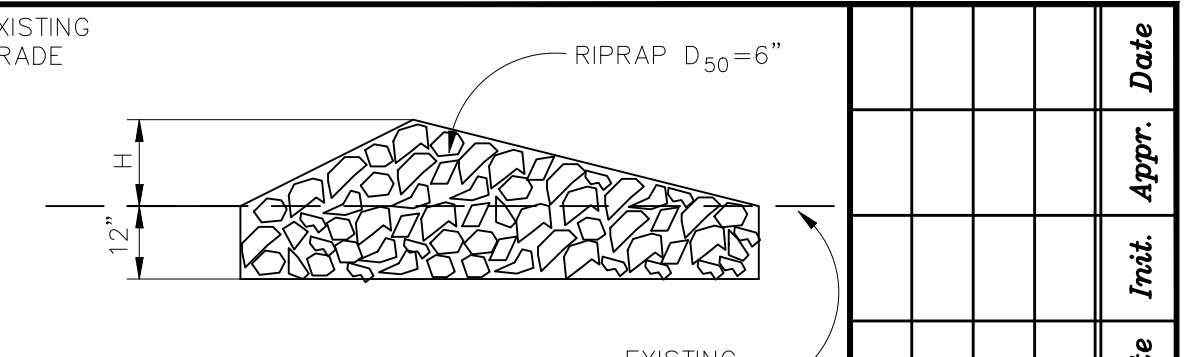
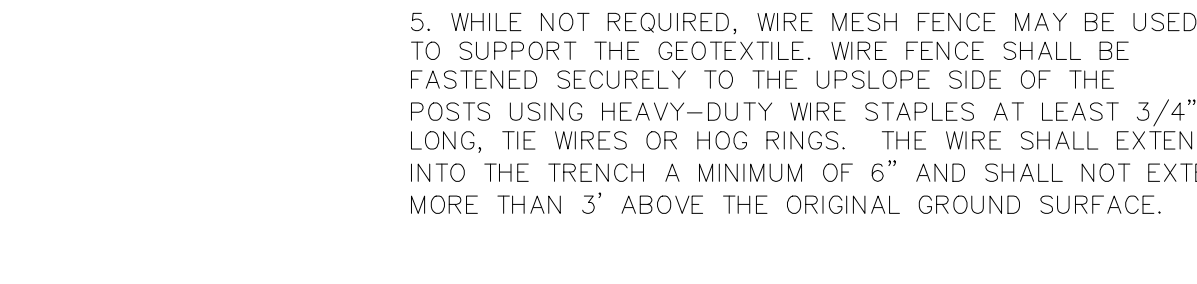
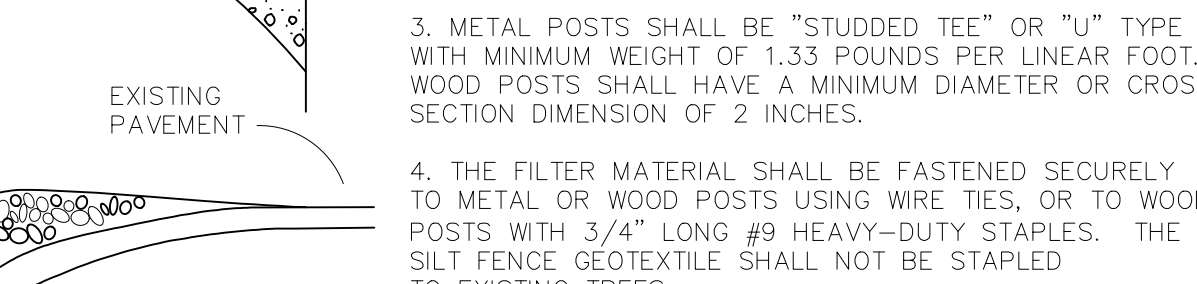
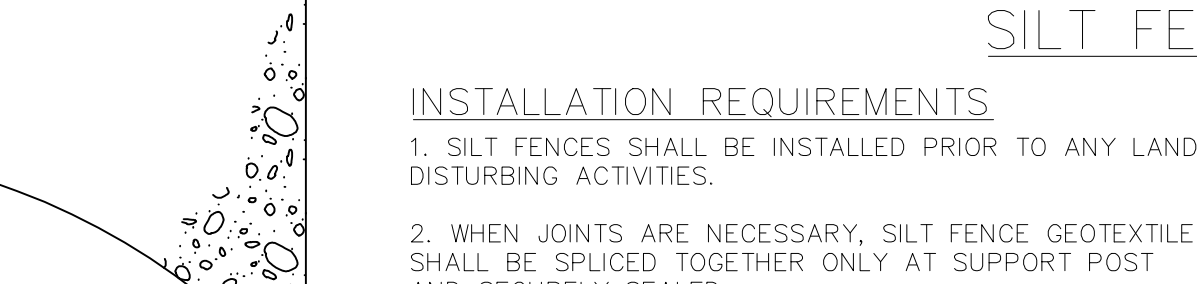
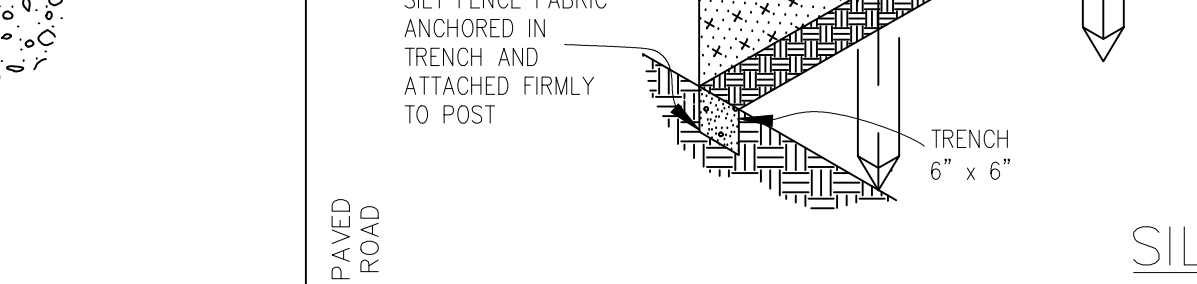
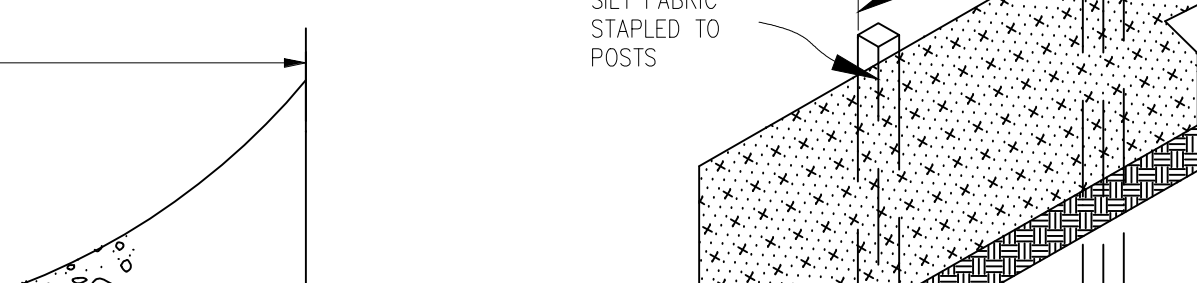
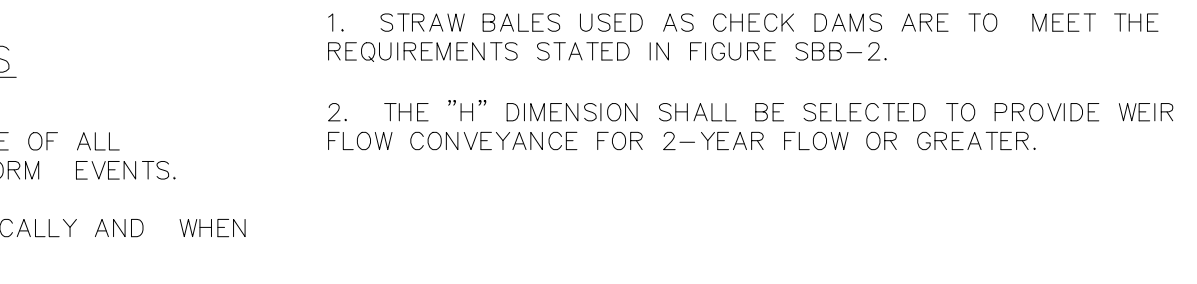
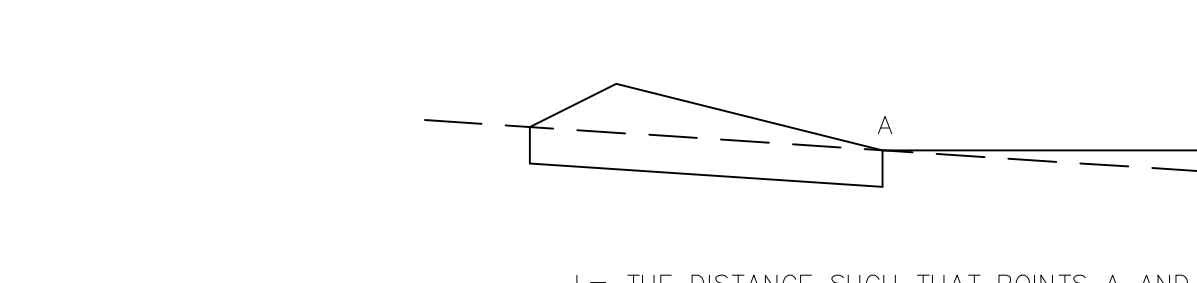
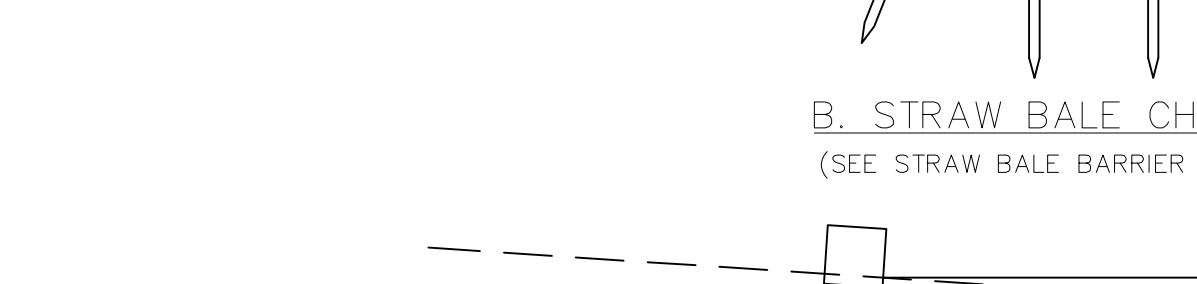
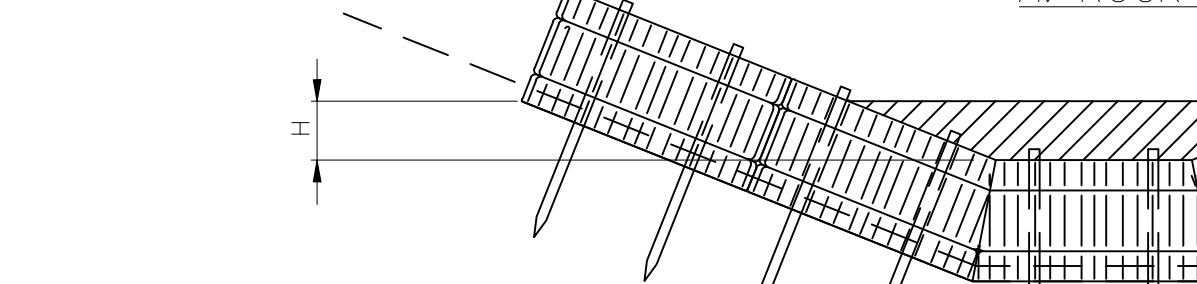
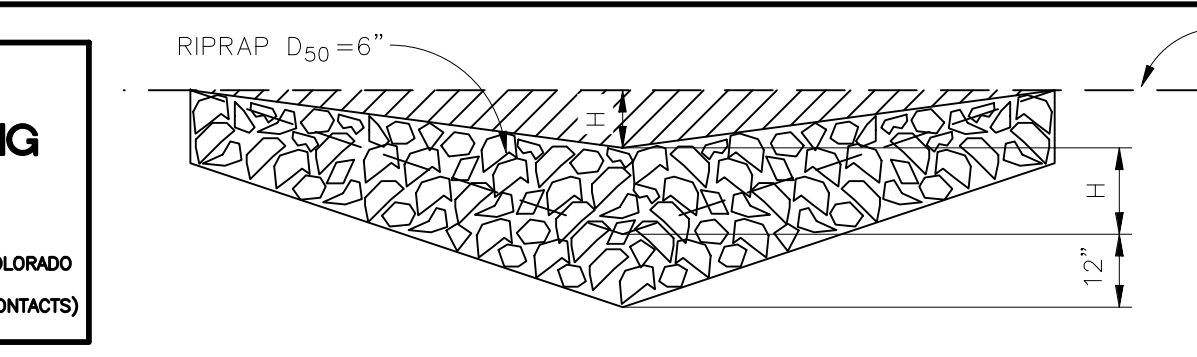
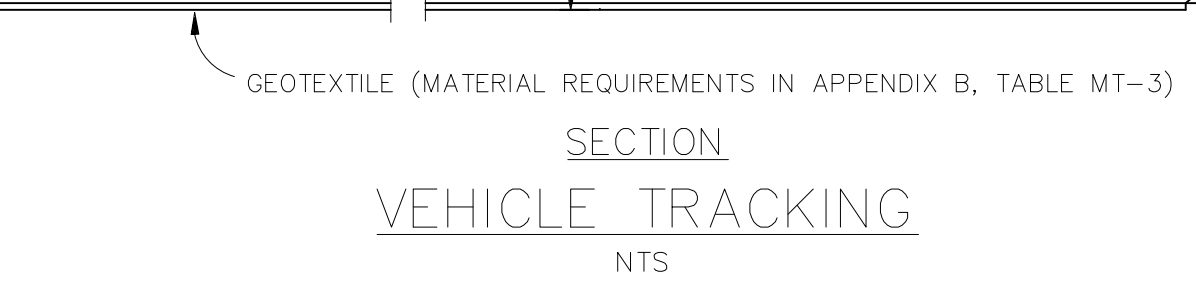
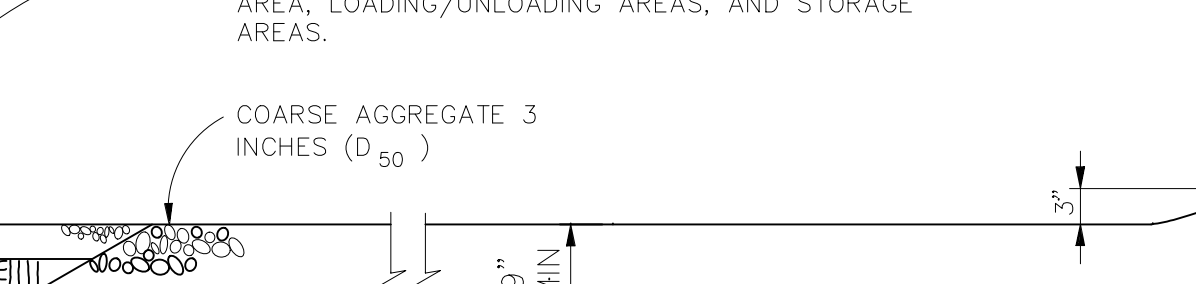
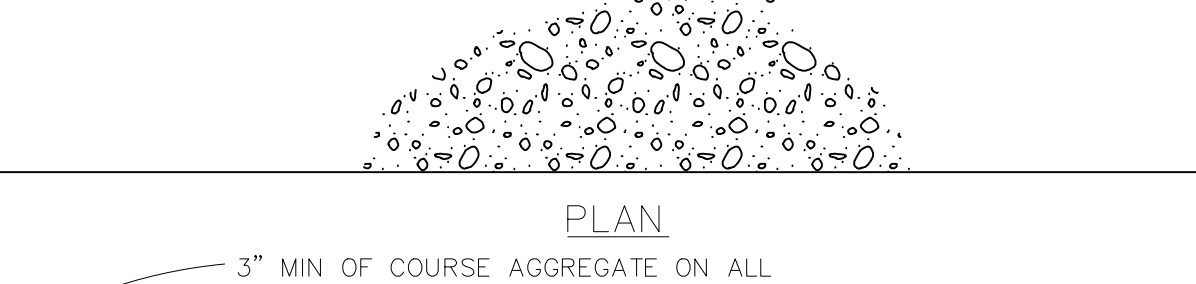
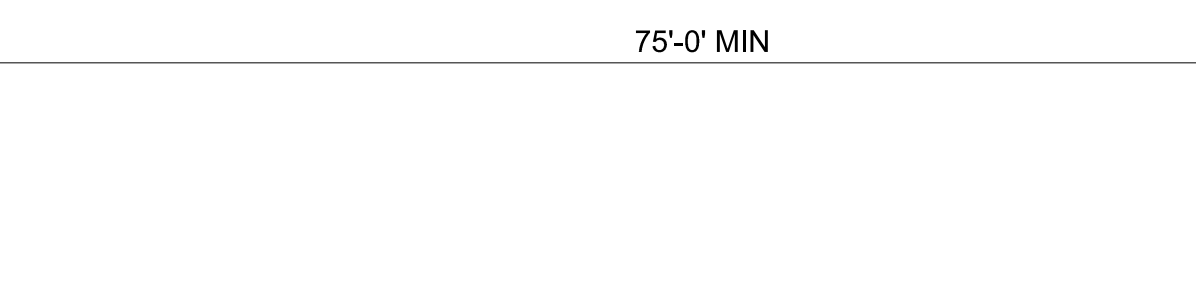
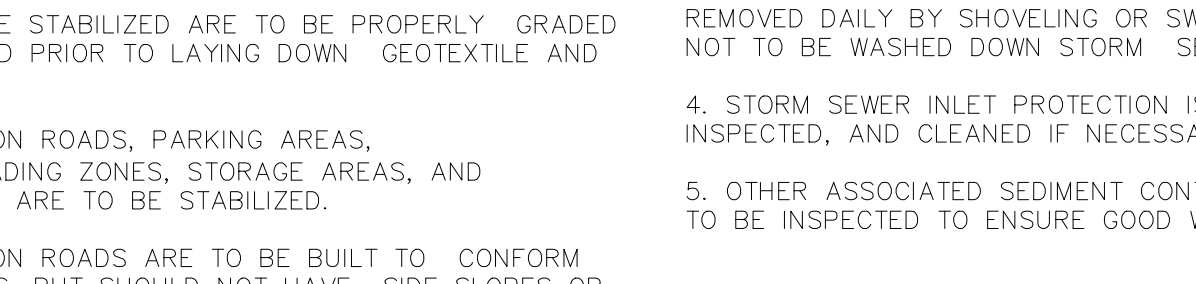
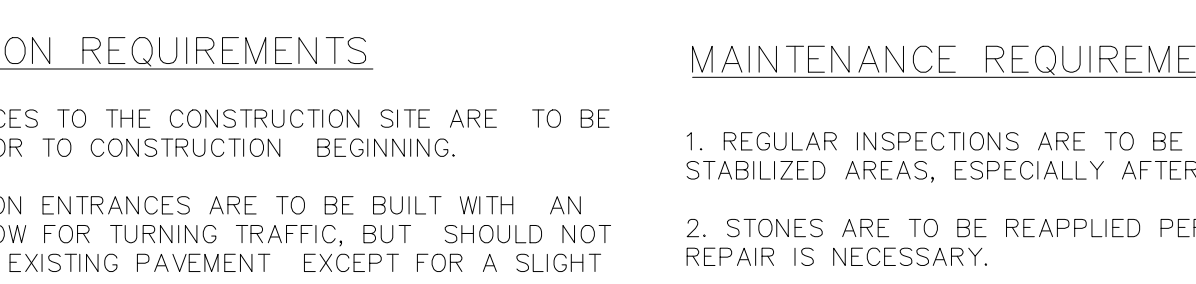
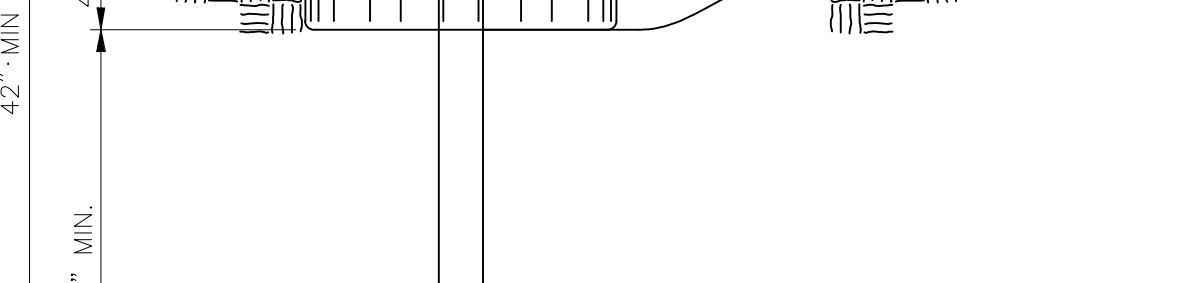
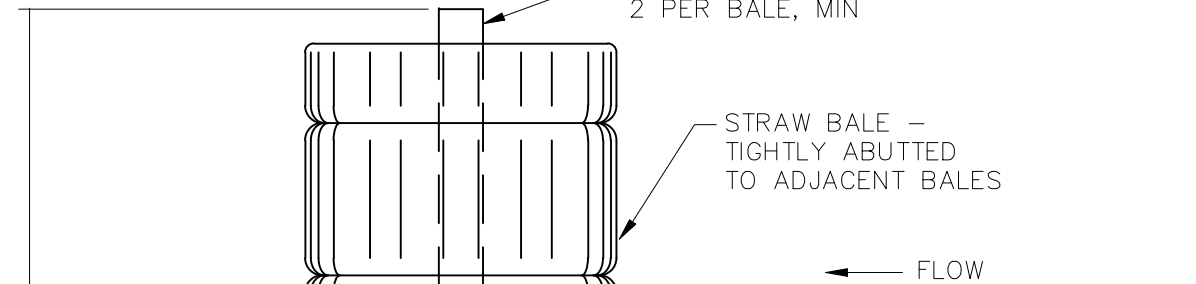
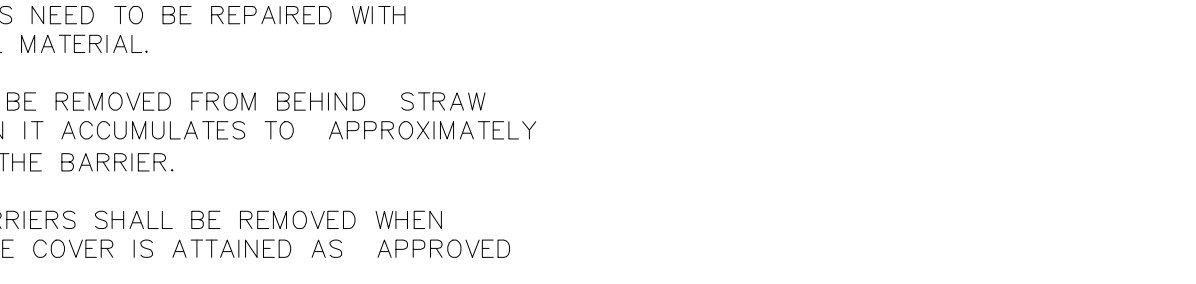
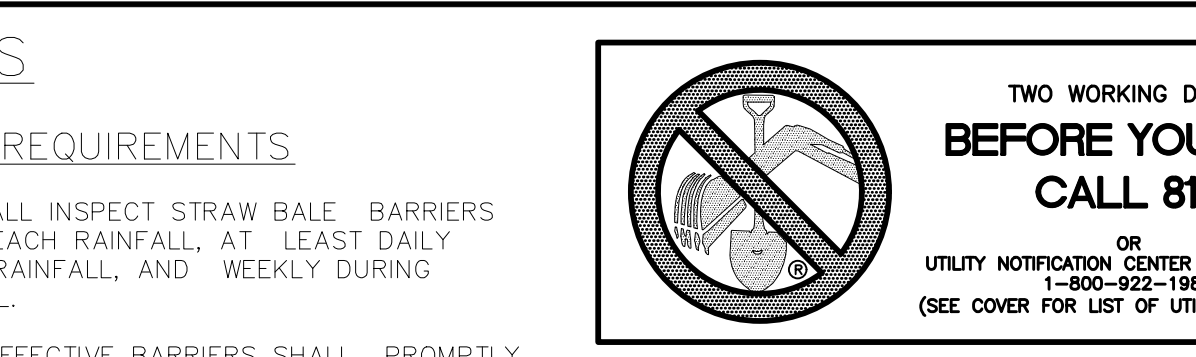
STRAW BALE BARRIER NOTES

INSTALLATION REQUIREMENTS

- STRAW BALE BARRIERS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- BALES SHALL CONSIST OF APPROXIMATELY 5 CUBIC FEET OF CERTIFIED WEED FREE HAY OR STRAW AND WEIGH NOT LESS THAN 35 POUNDS.
- BALES ARE TO BE PLACED IN A SINGLE ROW WITH THE END OF THE BALES TIGHTLY ABUTTING ONE ANOTHER.
- EACH BALE IS TO BE SECURELY ANCHORED WITH AT LEAST TWO STAKES AND THE FIRST STAKE IS TO BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER.
- STAKES ARE TO BE A MINIMUM OF 42 INCHES LONG. METAL STAKES SHALL BE STANDARD "T" OR "U" TYPE WITH MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT. WOOD STAKES SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.
- BALES ARE TO BE BOUND WITH EITHER WIRE OR STRING AND ORIENTED SUCH THAT THE BINDINGS ARE AROUND THE SIDES AND NOT ALONG THE TOPS AND BOTTOMS OF THE BALE.
- GAPS BETWEEN BALES ARE TO BE CHINKED (FILLED BY WEDGING) WITH STRAW OR THE SAME MATERIAL OF THE BALE.
- END BALES ARE TO EXTEND UPSLOPE SO THE TRAPPED RUNOFF CANNOT FLOW AROUND THE ENDS OF THE BARRIER.

MAINTENANCE REQUIREMENTS

- CONTRACTOR SHALL INSPECT STRAW BALE BARRIERS IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS NO RAINFALL.
- DAMAGED OR INEFFECTIVE BARRIERS SHALL PROMPTLY BE REPAIRED, REPLACING BALES IF NECESSARY, AND UNENTRENCHED BALES NEED TO BE REPAIRED WITH COMPACTED BACKFILL MATERIAL.
- SEDIMENT SHALL BE REMOVED FROM BEHIND STRAW BALE BARRIERS WHEN IT ACCUMULATES TO APPROXIMATELY 1/2 THE HEIGHT OF THE BARRIER.
- STRAW BALE BARRIERS SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED AS APPROVED BY THE CITY.



* AN ALTERNATE 3/4" TO 1" GRAVEL FILTER OVER A WIRE SCREEN MAY BE USED IN PLACE OF GRAVEL BAGS. THE WIRE MESH SHALL EXTEND ABOVE THE TOP OF THE CONCRETE BLOCKS AND THE GRAVEL PLACED OVER THE WIRE SCREEN TO THE TOP OF THE CONCRETE BLOCKS.