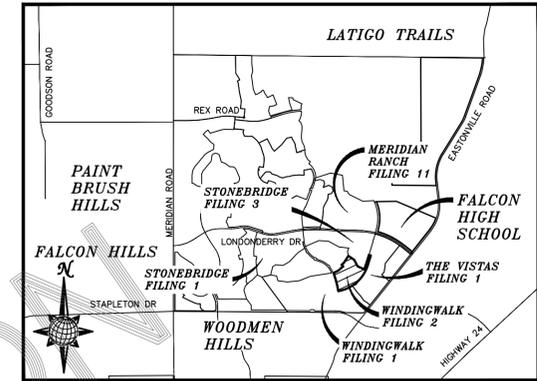


CONSTRUCTION DRAWINGS FOR WINDINGWALK FILING NO. 2 AT MERIDIAN RANCH

IMPROVEMENT PLANS

PREPARED FOR GTL, INC. DBA GTL DEVELOPMENT, INC.

A PARCEL OF LAND LOCATED IN A PORTION OF SECTION 29,
IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN,
EL PASO COUNTY, STATE OF COLORADO.



VICINITY MAP
N.T.S.

SHEET NO	SHEET INDEX
1	COVER SHEET
2	INDEX SHEET
3-4	DETAIL SHEET
5	WINDINGWALK DR.
6	MORNING CREEK LN.
7	WINDING BEND LN. & SEWER #1
8	PICKET FENCE WAY & SEWER #2
9	QUIETWALK LN. & STORM #1
10	LAMBERT ROAD
11	LAMBERT ROAD
12	STORM #2 & STORM #3
13	6' SIDEWALK PLAN
14	SIGNAGE AND STRIPING
15	OVERALL SANITARY SEWER
16	OVERALL SANITARY SEWER SERVICES
17	OVERALL UNDERDRAIN
18	OVERALL WATER
19	OVERALL WATER SERVICES
20	OVERALL STORM DRAIN
21	GRADING INDEX SHEET
22-24	GRADING LAYOUT
25-26	GRADING DETAIL SHEET

UTILITY CONTACTS:

WATER - MERIDIAN SERVICE METROPOLITAN DISTRICT
POC: KEVIN FACKERELL
(719)-495-6567

GAS - BLACK HILLS ENERGY
(719)-393-6625

SANITARY SEWER - MERIDIAN SERVICE METROPOLITAN DISTRICT
POC: BRADEN McCORRY
(719)-495-6567

ELECTRIC - MOUNTAIN VIEW ELECTRIC ASSOC.
(719)-495-2283

DRAINAGE - EL PASO COUNTY PCD/INSPECTIONS
(719)-520-6300

GEOTECHNICAL ENGINEER - ENTECH ENGINEERING, INC.
(719)-531-5599

DRAINAGE - MERIDIAN SERVICE METROPOLITAN DISTRICT
POC: TOM KERBY
(719)-495-7444

FALCON FIRE PROTECTION DISTRICT
(719) 495-4050

CAUTION - NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

LEGAL DESCRIPTION:

KNOW ALL MEN BY THESE PRESENTS:
THAT GTL, INC. DBA GTL DEVELOPMENT, INC., THEODORE TCHANG, PRESIDENT
BEING THE OWNERS OF THE FOLLOWING DESCRIBED TRACT OF LAND:

A PARCEL OF LAND LOCATED IN A PORTION OF SECTION 29, IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF LAMBERT ROAD, POINT BEING BOUNDARY OF THE VISTAS FILING NO. 1 AT MERIDIAN RANCH, RECORDED WITH RECEPTION NO. 217713953 IN THE RECORDS OF EL PASO COUNTY;

THE FOLLOWING SEVEN(7) COURSES ARE ON SAID BOUNDARY:

1. THENCE S72°55'12"E A DISTANCE OF 80.00 FEET;
2. THENCE S17°04'48"W A DISTANCE OF 421.16 FEET TO A CURVE TO THE RIGHT;
3. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 1540.00 FEET, A DELTA ANGLE OF 32°34'11", AN ARC LENGTH OF 875.41 FEET, WHOSE LONG CHORD BEARS S33°21'53"W A DISTANCE OF 863.67 FEET;
4. THENCE S05°49'18"W A DISTANCE OF 31.52 FEET;
5. THENCE S51°35'04"W A DISTANCE OF 60.00 FEET;
6. THENCE N82°39'10"W A DISTANCE OF 31.52 FEET TO A NON-TANGENT CURVE TO THE RIGHT;
7. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 1540.00 FEET, A DELTA ANGLE OF 03°34'52", AN ARC LENGTH OF 96.25 FEET, WHOSE LONG CHORD BEARS S55°18'35"W A DISTANCE OF 96.24 FEET TO A POINT ON THE BOUNDARY OF WINDINGWALK FILING NO. 1 AT MERIDIAN RANCH, RECORDED WITH RECEPTION NO. _____ IN THE RECORDS OF EL PASO COUNTY AND A CURVE TO THE RIGHT;

THE FOLLOWING FIFTEEN(15) COURSES ARE ON SAID BOUNDARY LINE:

8. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 1540.00 FEET, A DELTA ANGLE OF 22°25'04", AN ARC LENGTH OF 602.55 FEET, WHOSE LONG CHORD BEARS S68°18'33"W A DISTANCE OF 598.71 FEET;
9. THENCE S79°31'05"W A DISTANCE OF 28.00 FEET;
10. THENCE N10°28'55"W A DISTANCE OF 80.00 FEET;
11. THENCE N02°35'36"W A DISTANCE OF 27.08 FEET;
12. THENCE N12°32'41"W A DISTANCE OF 116.37 FEET;
13. THENCE N12°32'41"W A DISTANCE OF 60.00 FEET;
14. THENCE N13°41'16"W A DISTANCE OF 184.00 FEET;
15. THENCE N19°52'23"W A DISTANCE OF 124.00 FEET;
16. THENCE N16°53'48"W A DISTANCE OF 60.00 FEET;
17. THENCE N16°53'48"W A DISTANCE OF 130.00 FEET;
18. THENCE N67°43'26"E A DISTANCE OF 120.00 FEET;
19. THENCE N59°22'06"E A DISTANCE OF 120.00 FEET;
20. THENCE N46°39'10"E A DISTANCE OF 120.00 FEET;
21. THENCE N50°54'07"E A DISTANCE OF 125.10 FEET;
22. THENCE N48°41'56"W A DISTANCE OF 92.55 FEET;
23. THENCE N48°27'37"E A DISTANCE OF 125.15 FEET;
24. THENCE N32°40'27"E A DISTANCE OF 349.31 FEET TO A POINT ON THE SOUTHERN BOUNDARY OF STONEBRIDGE FILING NO. 3 AT MERIDIAN RANCH, RECORDED WITH RECEPTION NO. 217714053 IN THE RECORDS OF EL PASO COUNTY;

THE FOLLOWING FIVE(5) COURSES ARE ON SAID BOUNDARY LINE:

25. THENCE S55°38'05"E A DISTANCE OF 290.90 FEET;
26. THENCE S28°43'28"E A DISTANCE OF 308.38 FEET;
27. THENCE S64°52'09"E A DISTANCE OF 294.58 FEET TO A NON-TANGENT CURVE TO THE LEFT;
28. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 1460.00 FEET, A DELTA ANGLE OF 08°03'03", AN ARC LENGTH OF 205.15 FEET, WHOSE LONG CHORD BEARS N21°06'20"E A DISTANCE OF 204.98 FEET;
29. THENCE N17°04'48"E A DISTANCE OF 421.16 FEET TO THE POINT OF BEGINNING.

THE ABOVE PARCEL OF LAND CONTAINS 25.092 ACRES, MORE OR LESS.

DISTRICT ENGINEER:

THOMAS A. KERBY, PE CO 31429
MERIDIAN SERVICE METROPOLITAN DISTRICT

DATE

DEVELOPERS STATEMENT:

DEVELOPERS STATEMENT:

THE UNDERSIGNED DEVELOPER HAS READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS SPECIFIED IN THESE CONSTRUCTION PLANS AND THE ACCOMPANYING DRAINAGE REPORT.

RAUL GUZMAN, VICE PRESIDENT
GTL DEVELOPMENT, INC.

DATE

DESIGN ENGINEER'S STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID DETAILED PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

THOMAS A. KERBY, P.E. #31429

DATE

WATER AND SANITARY SEWER APPROVALS:

MILTON GABRIELSKI, PRESIDENT
MERIDIAN SERVICE METROPOLITAN DISTRICT

DATE

OWNERS STATEMENT:

OWNERS STATEMENT:

THE UNDERSIGNED OWNER HAS READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS SPECIFIED IN THESE CONSTRUCTION PLANS AND THE ACCOMPANYING DRAINAGE REPORT.

RAUL GUZMAN, VICE PRESIDENT
MERIDIAN RANCH INVESTMENTS, INC.

DATE

EL PASO COUNTY:

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

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

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

JENNIFER IRVINE, P.E.
COUNTY ENGINEER / ECM ADMINISTRATOR

DATE

BASIS OF BEARING

BASIS OF BEARINGS FOR THIS DESCRIPTION IS THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 29, T12S, R64W OF THE 6TH P.M., WHICH IS ASSUMED TO BEAR S89°25'42"E FROM THE SOUTHWEST CORNER OF SECTION 29 (A STONE W/SCRIBED "X") TO THE SOUTH QUARTER CORNER OF SECTION 29 (3.25" ALUM. CAP LS 30087).



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)

BENCH MARK

- 1) MRRC1 - 3 1/4" ALUMINUM CAP ON NO.6 REBAR LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF LONDONDERRY DRIVE AND ANGELES ROAD. LOCATED AT THE SE CORNER OF THE MERIDIAN RANCH RECREATIONAL CENTER SIGN. ELEVATION - 7098.40'
- 2) MRMS1 - 3 1/4" ALUMINUM CAP ON NO.6 REBAR LOCATED ON THE WEST SIDE OF RAINBOW BRIDGE DRIVE 1,150 FEET NORTH OF LONDONDERRY DRIVE. LOCATED NEAR THE BACK OF SIDE WALK AT THE NW CORNER OF RAINBOW BRIDGE DRIVE AND THE NORTHERLY ENTRANCE TO MERIDIAN RANCH ELEMENTARY SCHOOL (10480 RAINBOW BRIDGE DRIVE). ELEVATION - 7099.73'

No.	Revisions	Date	Appr.

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

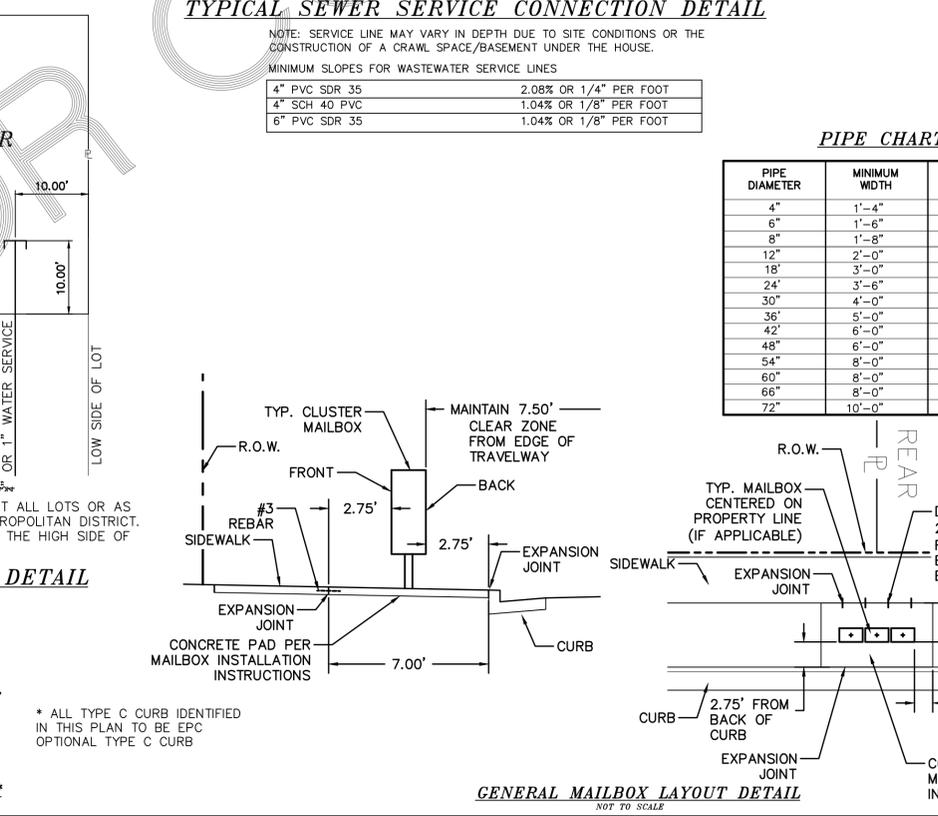
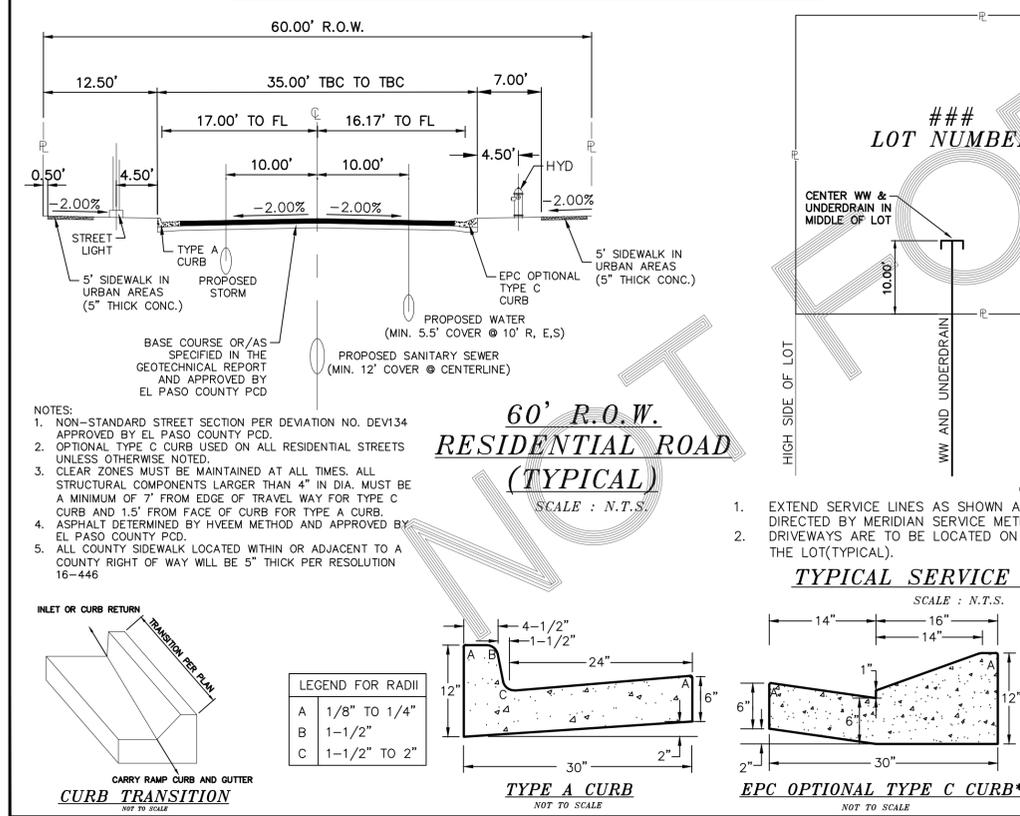
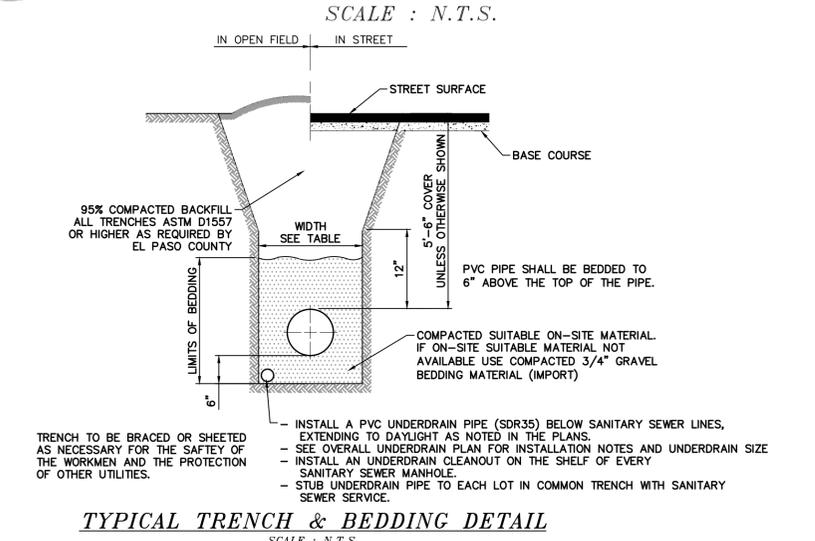
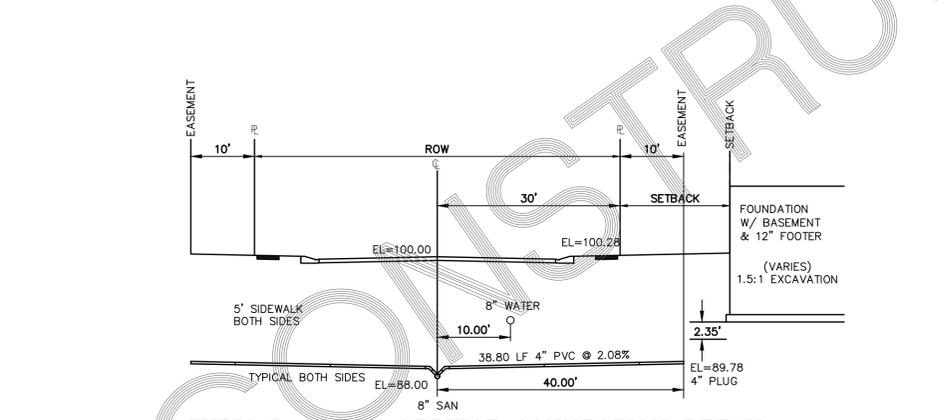
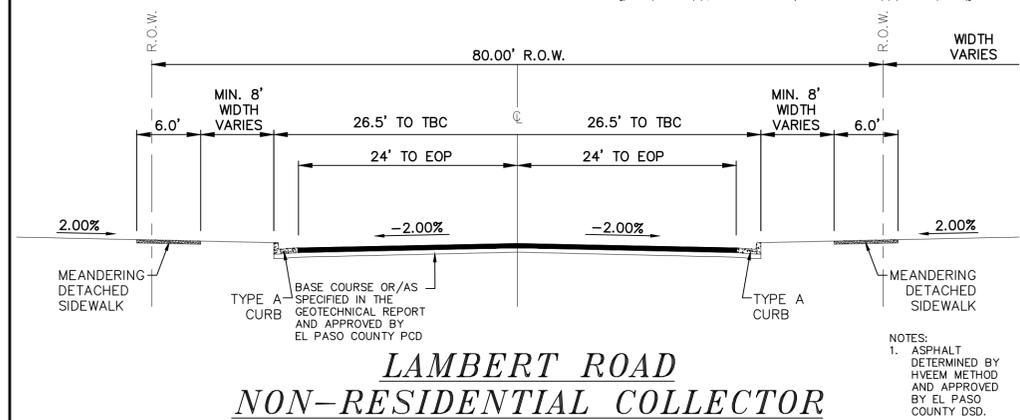
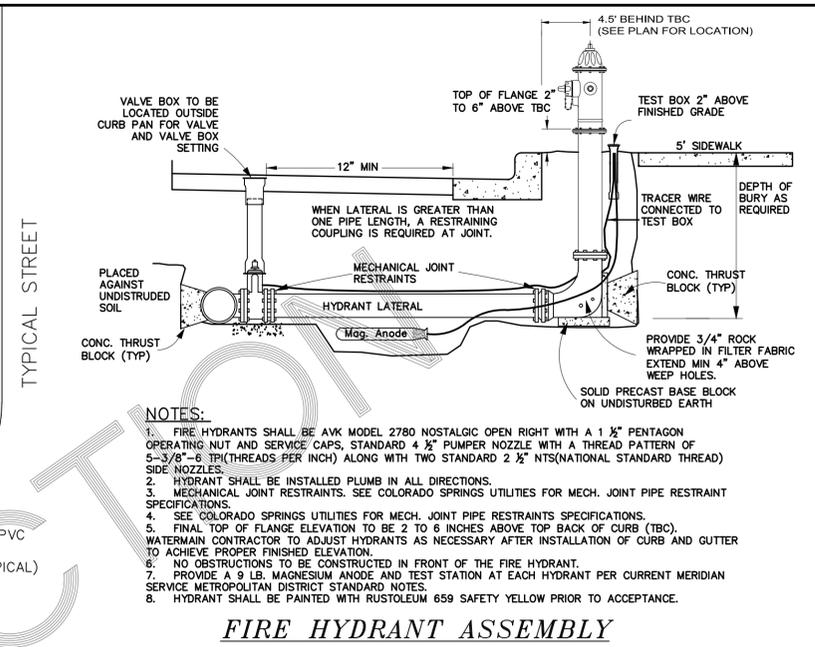
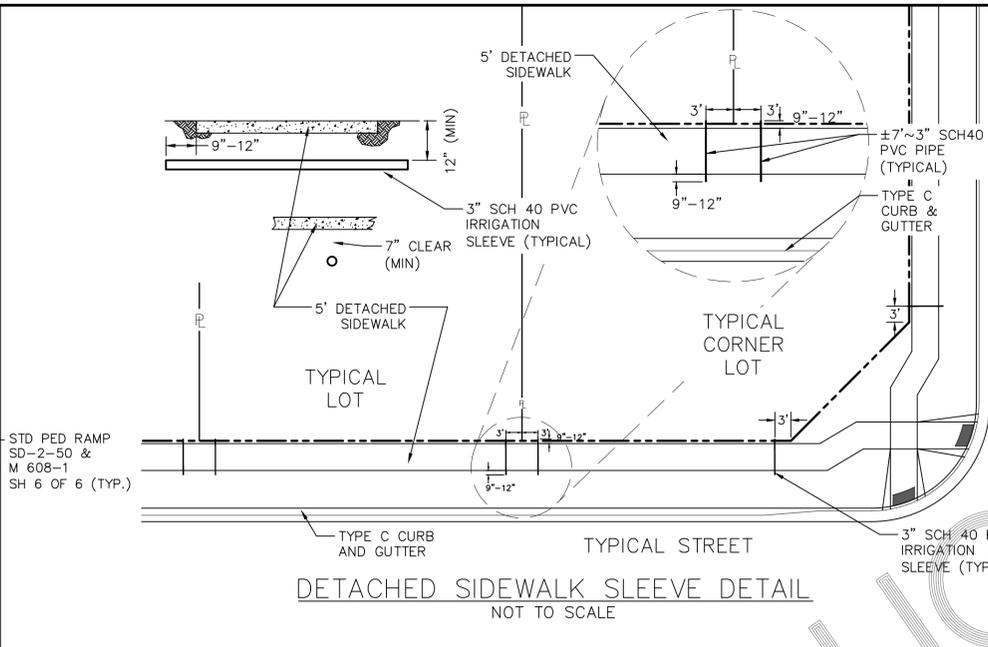
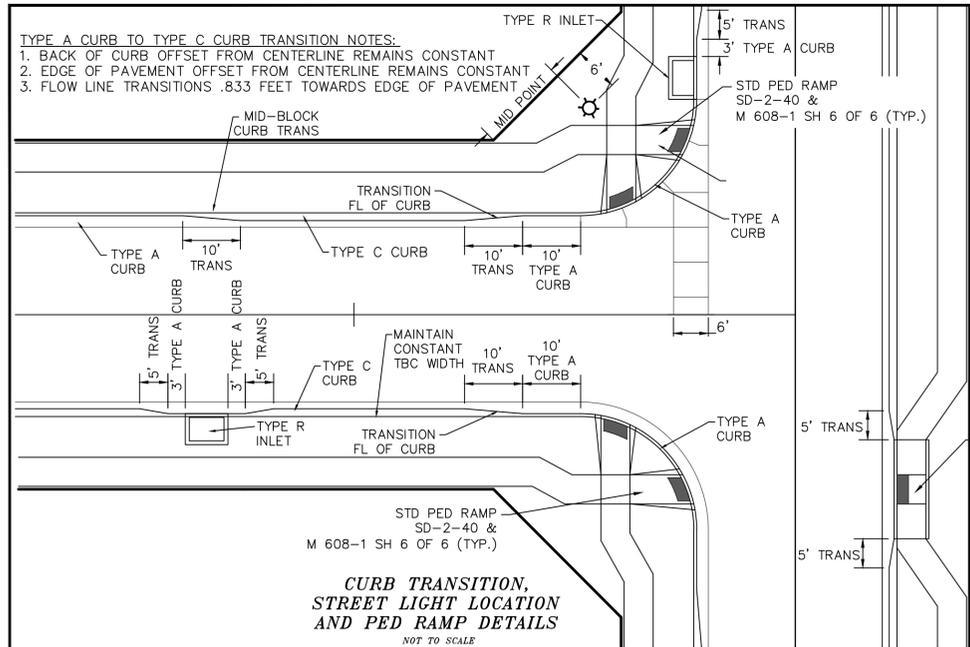


WINDINGWALK F2 AT MERIDIAN RANCH
STREET AND UTILITY PLANS
COVER SHEET

Drawn by LCA
Checked by TAK
Date MARCH 2018

Scale AS SHOWN
1 of 26

SF-18-022



PIPE CHART

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

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

MERIDIAN RANCH

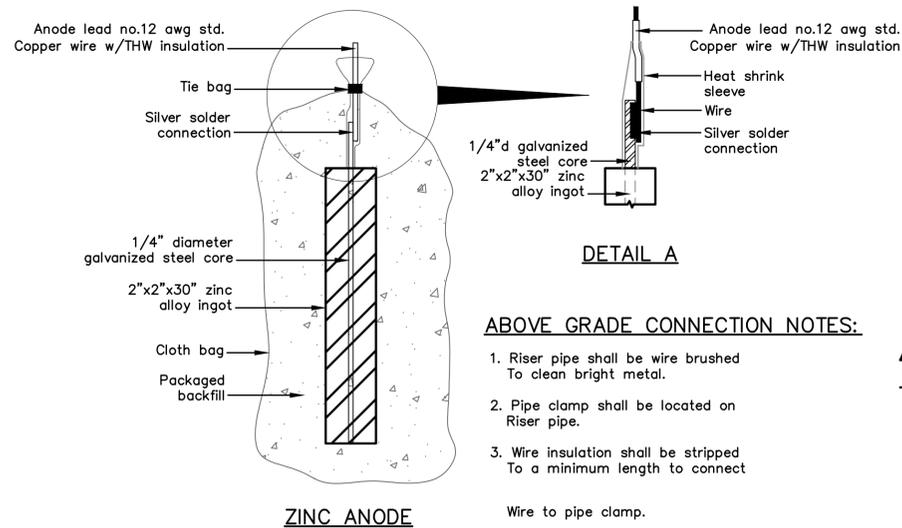
WINDINGWALK F2 AT MERIDIAN RANCH
STREET AND UTILITY PLANS
DETAIL SHEET

Drawn by: [Blank]
 Checked by: [Blank]
 Date: MARCH 2018

Scale: AS SHOWN
 3 of 26

No.	Revisions	Date	Appr.	Date

PCD PROJECT NO. XX-XX-XXX



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

ABOVE GRADE CONNECTION NOTES:

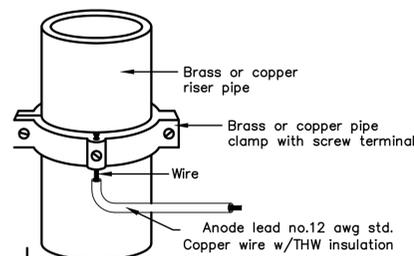
1. Riser pipe shall be wire brushed To clean bright metal.
2. Pipe clamp shall be located on Riser pipe.
3. Wire insulation shall be stripped To a minimum length to connect

Wire to pipe clamp.

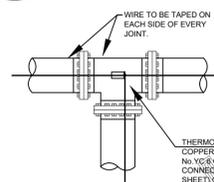
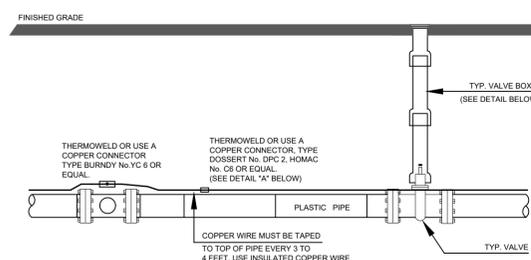
PACKAGED BACKFILL COMPOSITION:

75% gypsum
20% bentonite
5% sodium sulfate

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



ANODE LEAD ABOVE GRADE CONNECTION



Anode Design

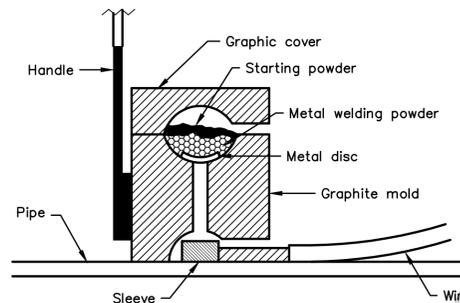
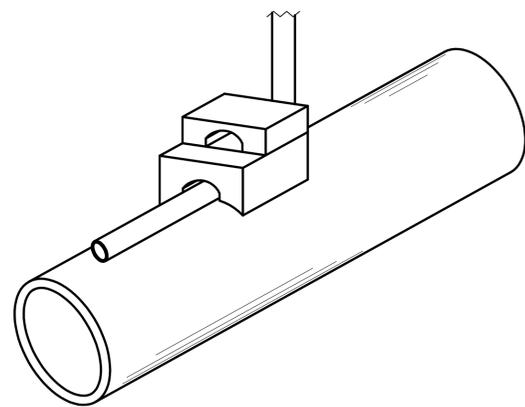
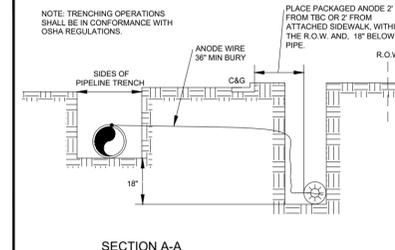
For use with DIP in conjunction with poly-wrap sleeves and piping in 1000 ohm-cm soil estimating a 5% holiday area.

Pipe Size Inches	Actual OD Inches	Anode Spacing Feet (see note 2)	Anode Weight (see note 2)
4	4.8	76.3	17 lb
6	6.9	53.1	17 lb
8	9.05	40.5	17 lb
12	13.20	27.7	17 lb
16	16	21.0	32 lb
20	20	16.9	32 lb
24	24	14.2	48 lb
30	30	11.4	48 lb
36	36	9.57	48 lb
42	42	8.24	48 lb
48	48	7.21	48 lb
54	54	6.42	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.
3. Packaged anode to be wetted and covered with soil prior to backfilling.



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:

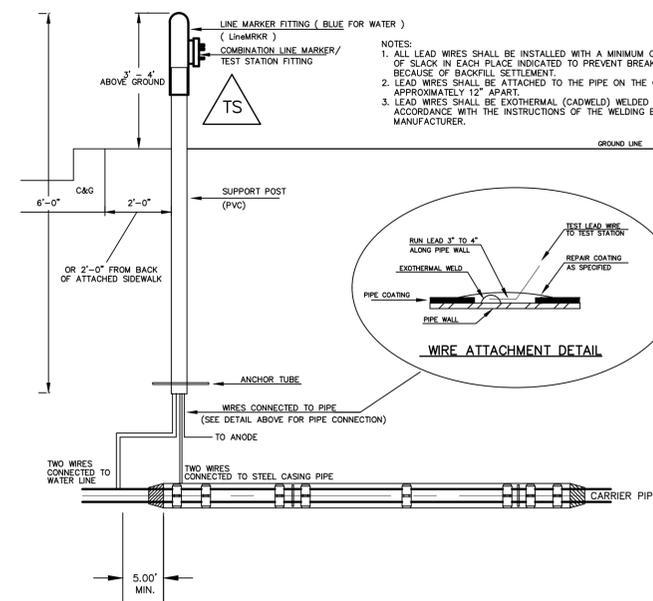
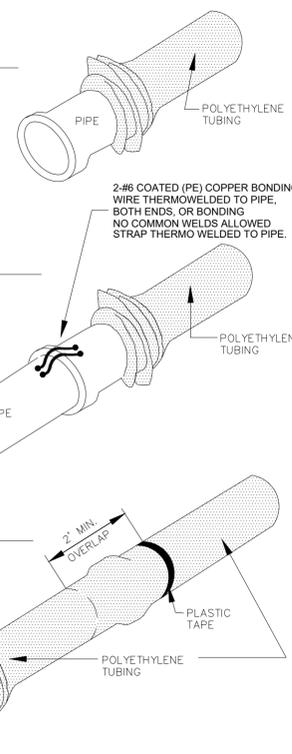
PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO TRENCH.

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.

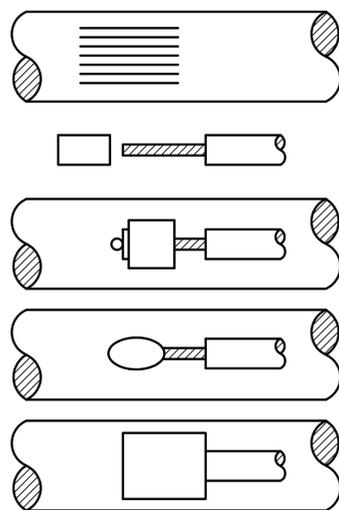
STEP 3:

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.



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.



NOTES:

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

EXOTHERMIC WELD PROCESS

No.	Revisions	Date	Appr.	Date

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

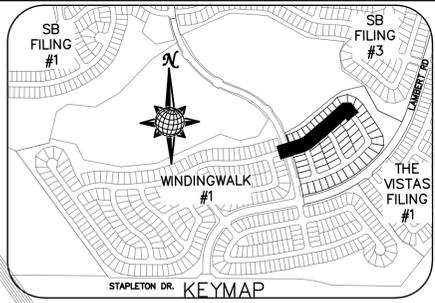
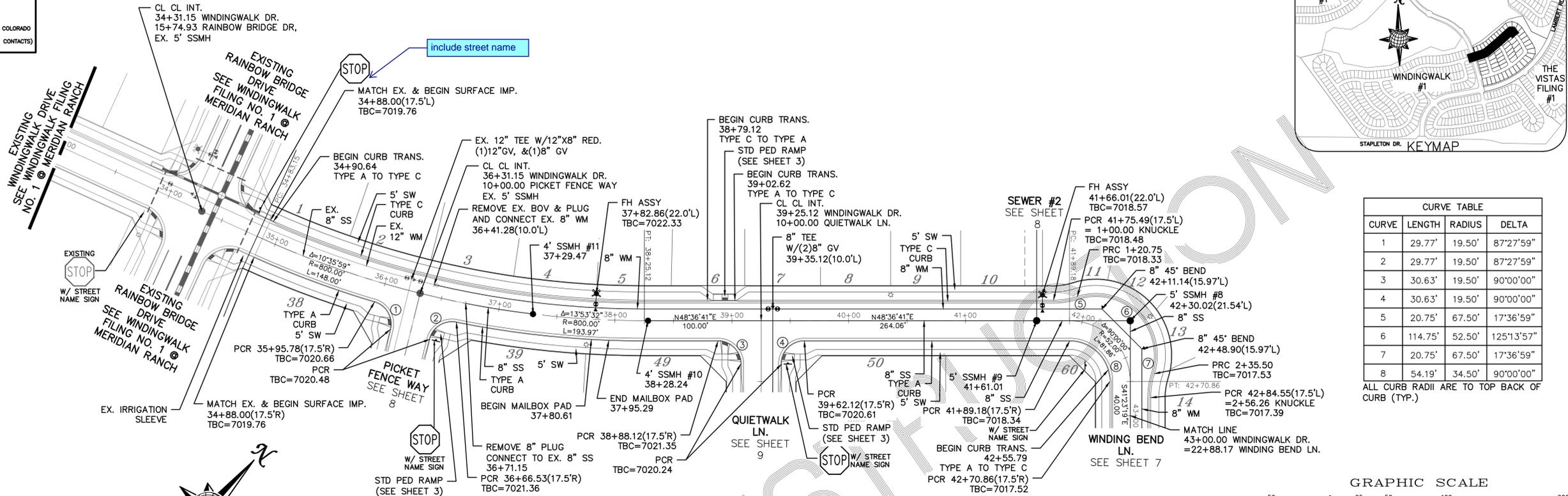


WINDINGWALK F2 AT MERIDIAN RANCH
STREET AND UTILITY PLANS
DETAIL SHEET

Drawn by	LOG	Checked by	TAK	Date	MARCH 2018
Scale	AS SHOWN	4	of	26	

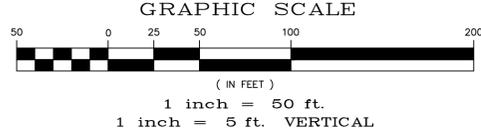


TWO WORKING DAYS
BEFORE YOU DIG
CALL 811
 OR
 UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-922-1887
 (SEE COVER FOR LIST OF UTILITY CONTACTS)



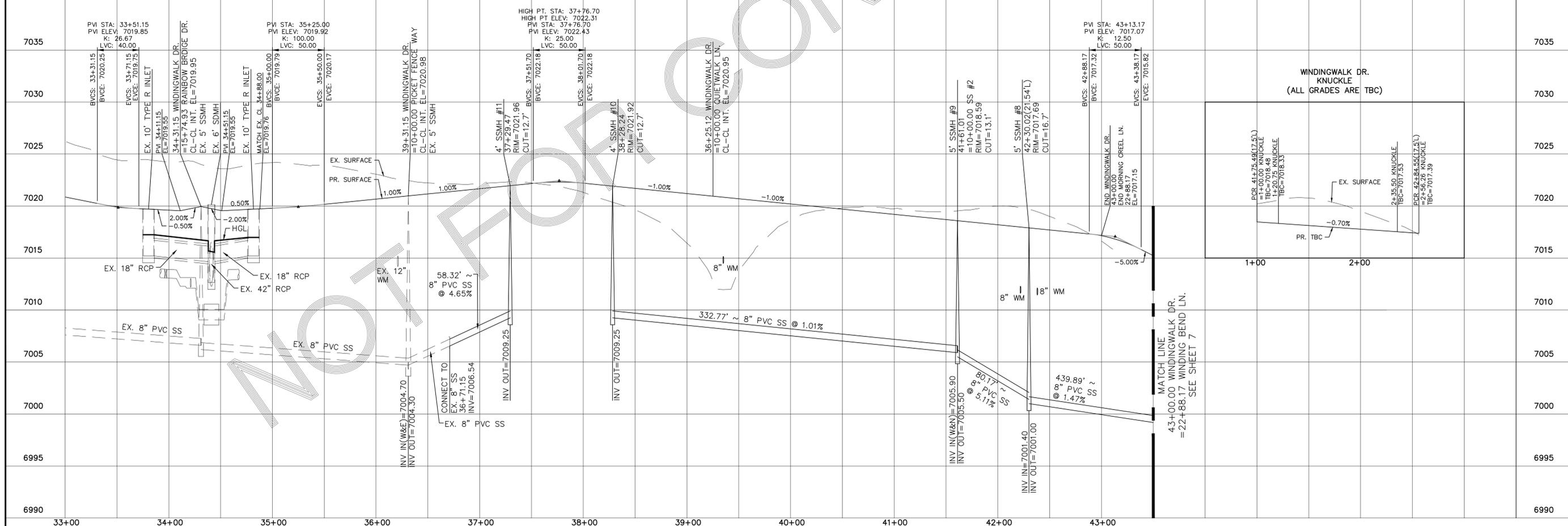
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
1	29.77'	19.50'	87°27'59"
2	29.77'	19.50'	87°27'59"
3	30.63'	19.50'	90°00'00"
4	30.63'	19.50'	90°00'00"
5	20.75'	67.50'	17°36'59"
6	114.75'	52.50'	125°13'57"
7	20.75'	67.50'	17°36'59"
8	54.19'	34.50'	90°00'00"

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)



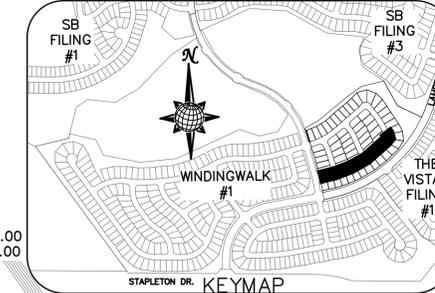
Scale	AS SHOWN	5 of 26	
Drawn by	LOG	Checked by	TAK
Date	MARCH 2018		
WINDINGWALK F2 AT MERIDIAN RANCH			
STREET AND UTILITY PLANS			
WINDINGWALK DR.			
TECH CONTRACTORS			
11886 STAPLETON DRIVE			
FALCON, CO 80831			
TELEPHONE: 719.495.7444			
FAX: 719.495.2457			
No.	Revisions	Date	Appr.



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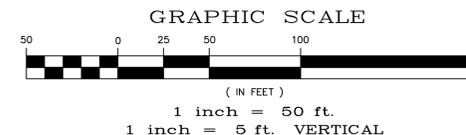
INSTALL CROSS PAN
PER COUNTY STD
SD-2-26

- 1 = 7010.09
- 2 = 7010.27
- 3 = 7010.35
- 4 = 7008.51
- 5 = 7008.33
- 6 = 7008.16



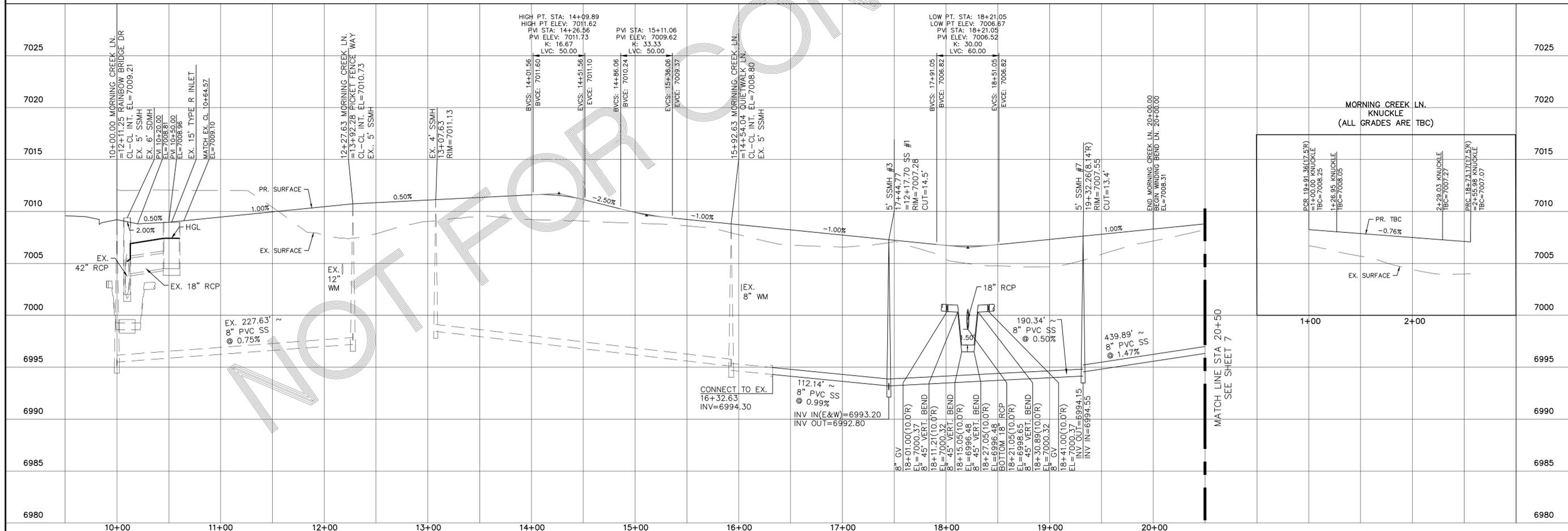
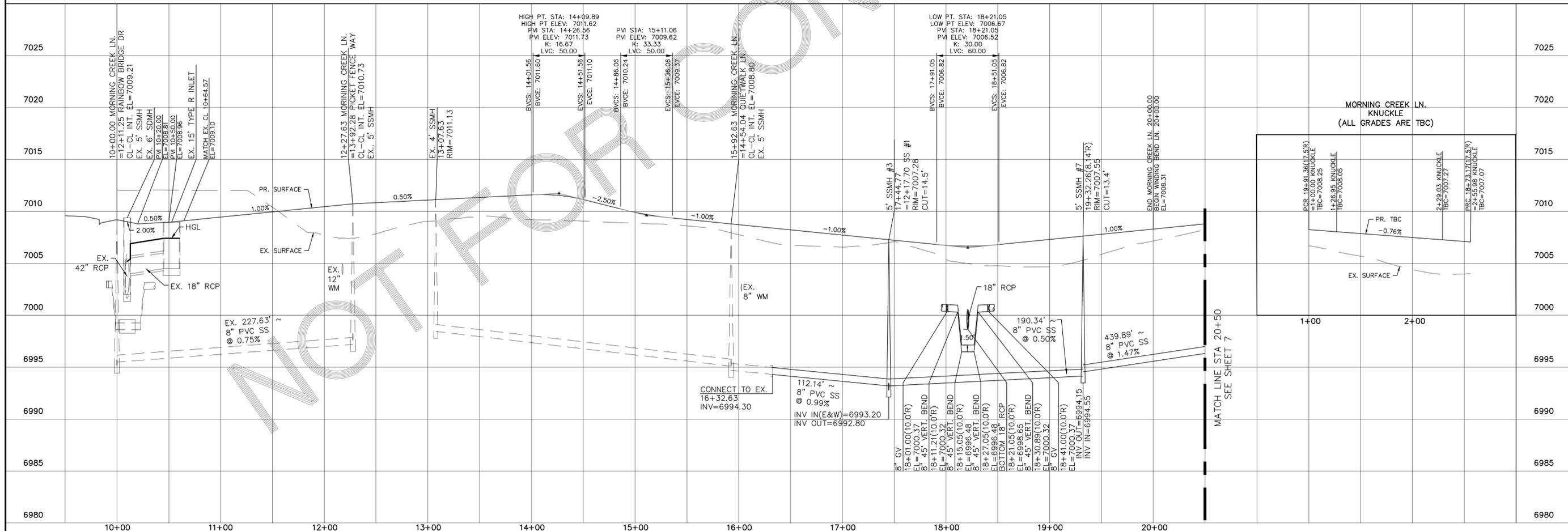
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
9	31.21'	19.50'	91°41'56"
10	31.21'	19.50'	91°41'56"
11	31.21'	19.50'	91°41'56"
12	31.38'	19.50'	92°12'07"
13	26.95'	67.50'	22°52'29"
14	102.08'	52.50'	111°24'10"
15	26.95'	67.50'	22°52'29"
16	37.40'	34.50'	62°06'40"

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



MORNING CREEK LN.

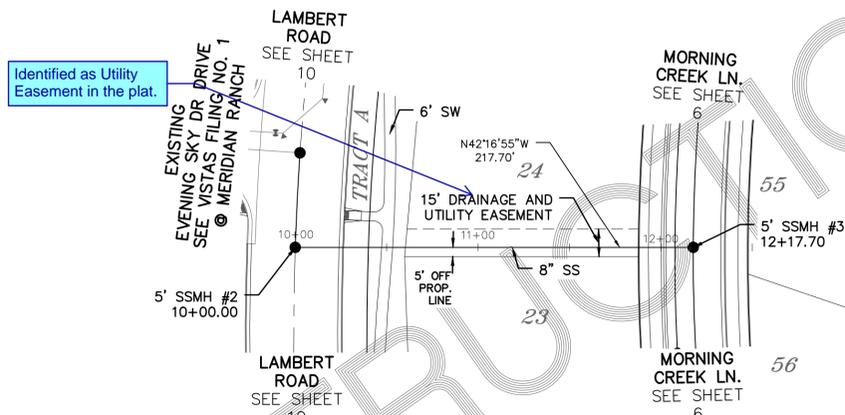
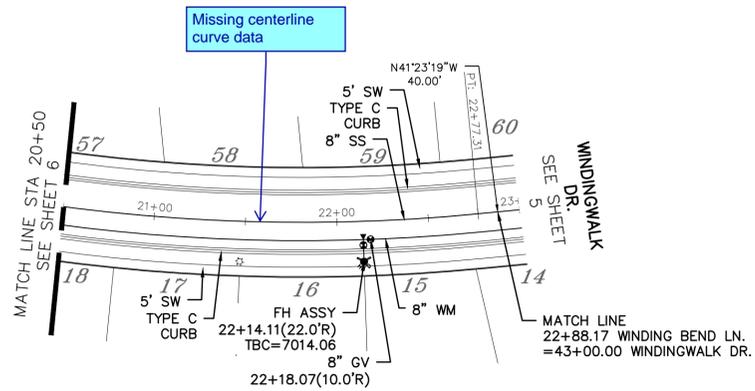
URBAN LOCAL, 60' WIDE RIGHT OF WAY, 30' WIDE ASPHALT PAVEMENT (EDGE TO EDGE)



Scale	AS SHOWN	6 of 26	Date	MARCH 2018
Drawn by	LOG	Checked by	TAK	
WINDINGWALK F2 AT MERIDIAN RANCH STREET AND UTILITY PLANS MORNING CREEK LN.				
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457				
No.	Revisions	Date	Appr.	Date



TWO WORKING DAYS
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 CALL 811
 OR
 UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-922-1887
 (SEE COVER FOR LIST OF UTILITY CONTACTS)



The curve labels are missing on the plan view.

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
7	20.75'	67.50'	17°36'59"
8	54.19'	34.50'	90°00'00"

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

GRAPHIC SCALE

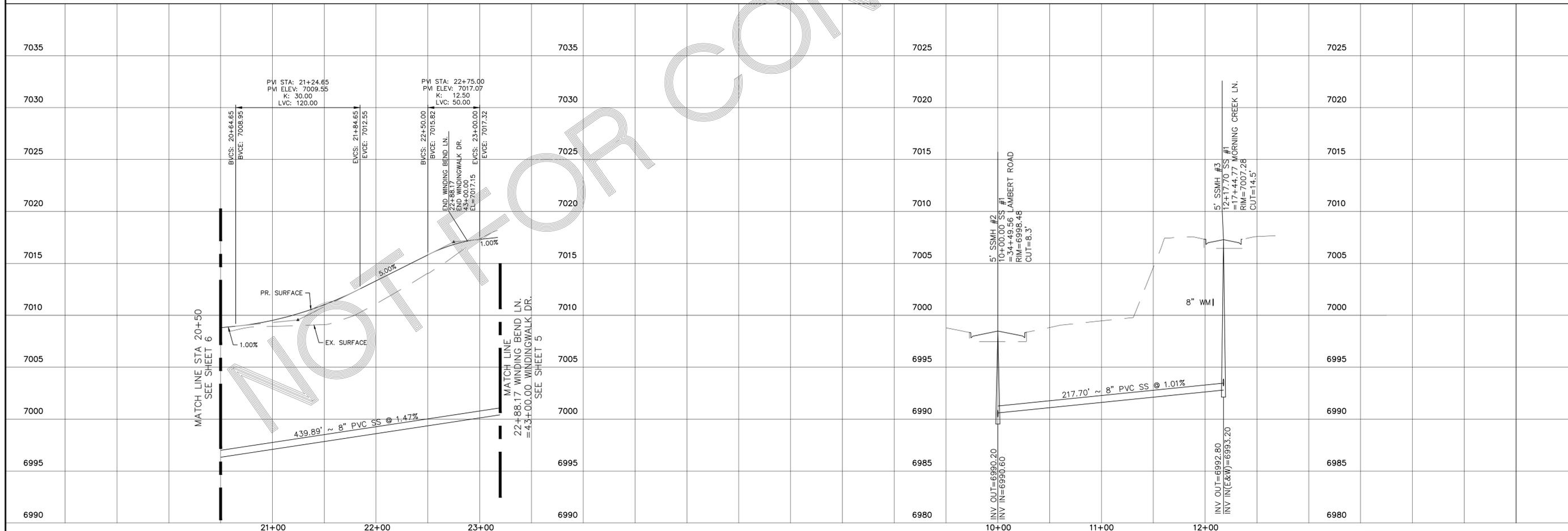


1 inch = 50 ft.
 1 inch = 5 ft. VERTICAL

WINDING BEND LN.

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

SEWER #1



No.	Revisions	Date	Init.	Appr.	Date

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



WINDINGWALK F2 AT MERIDIAN RANCH
 STREET AND UTILITY PLANS
 WINDING BEND LN.
 + SEWER #1

Drawn by
 Checked by
 Date

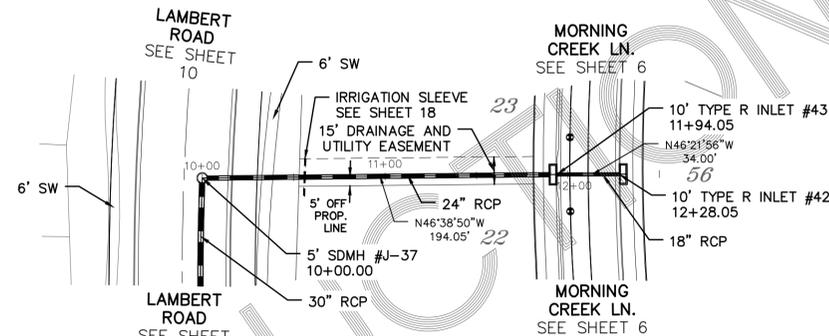
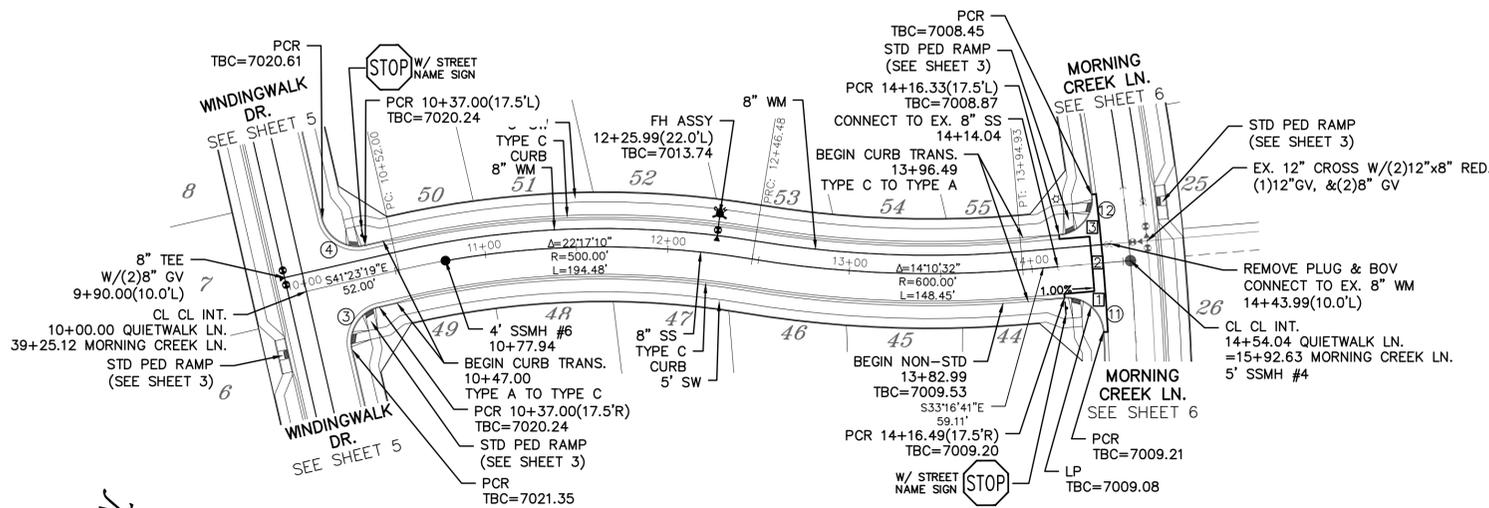
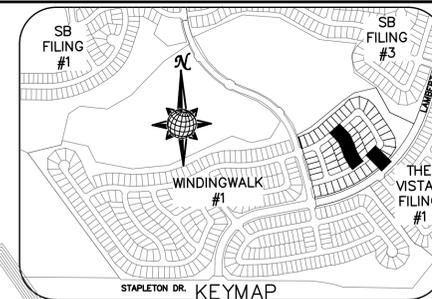
Scale
 AS SHOWN
 7 of 26

Date
 MARCH 2018



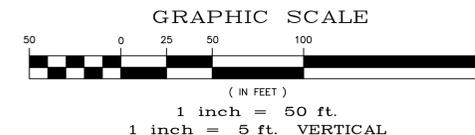
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 1-800-922-1887
 (SEE COVER FOR LIST OF UTILITY CONTACTS)

INSTALL CROSS PAN
 PER COUNTY STD
 SD-2-26
 ① = 7008.51
 ② = 7008.33
 ③ = 7008.16



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
3	30.63'	19.50'	90°00'00"
4	30.63'	19.50'	90°00'00"
11	31.21'	19.50'	91°41'56"
12	31.38'	19.50'	92°12'07"

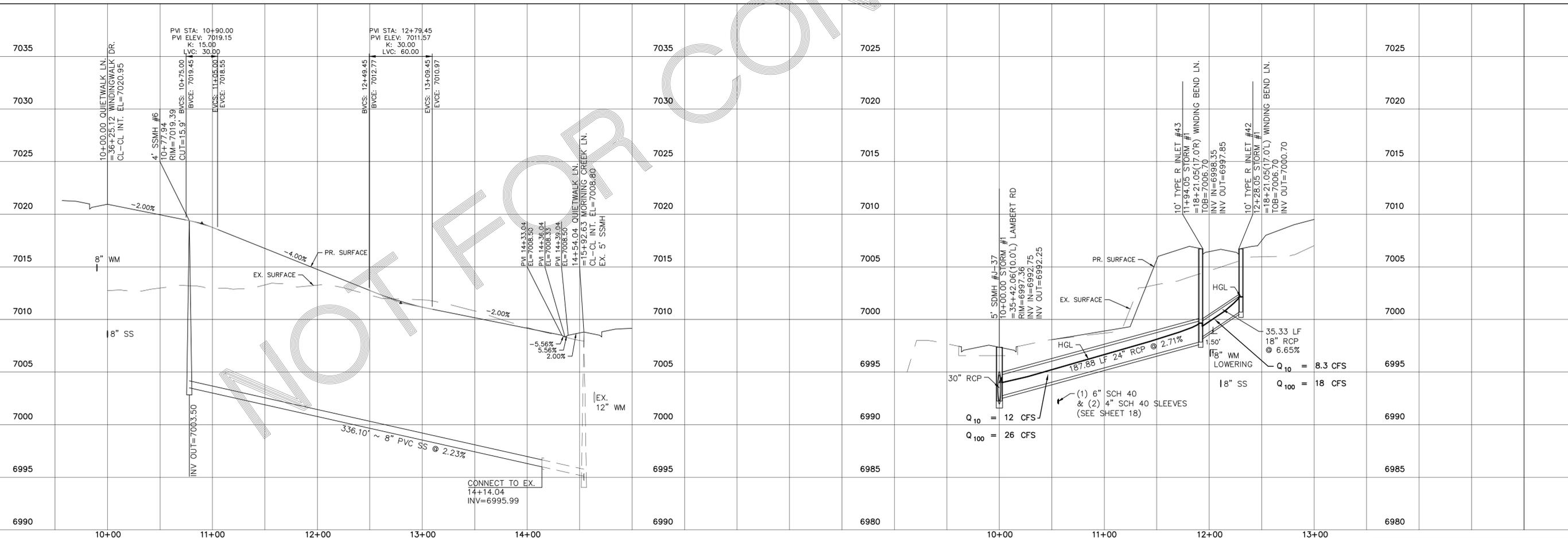
ALL CURB RADII ARE TO TOP BACK OF CURB (TYP.)



QUIETWALK LN.

STORM #1

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



No.	Revisions	Date	Init.	Appr.	Date

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



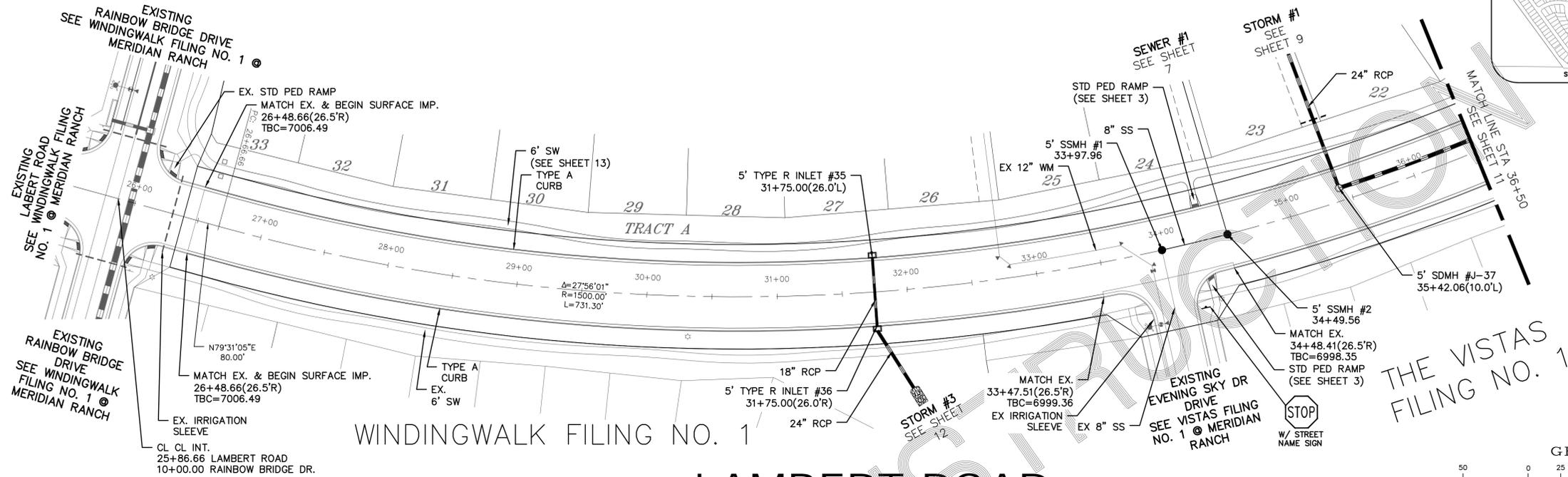
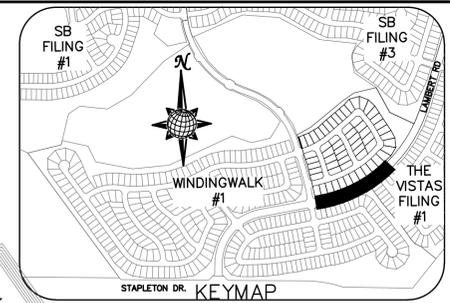
WINDINGWALK F2 AT MERIDIAN RANCH
 STREET AND UTILITY PLANS
 QUIETWALK LN.
 + STORM #1

Drawn by
 Log
 Checked by
 TAK
 Date
 MARCH 2018

Scale
 AS SHOWN
 9 of 26



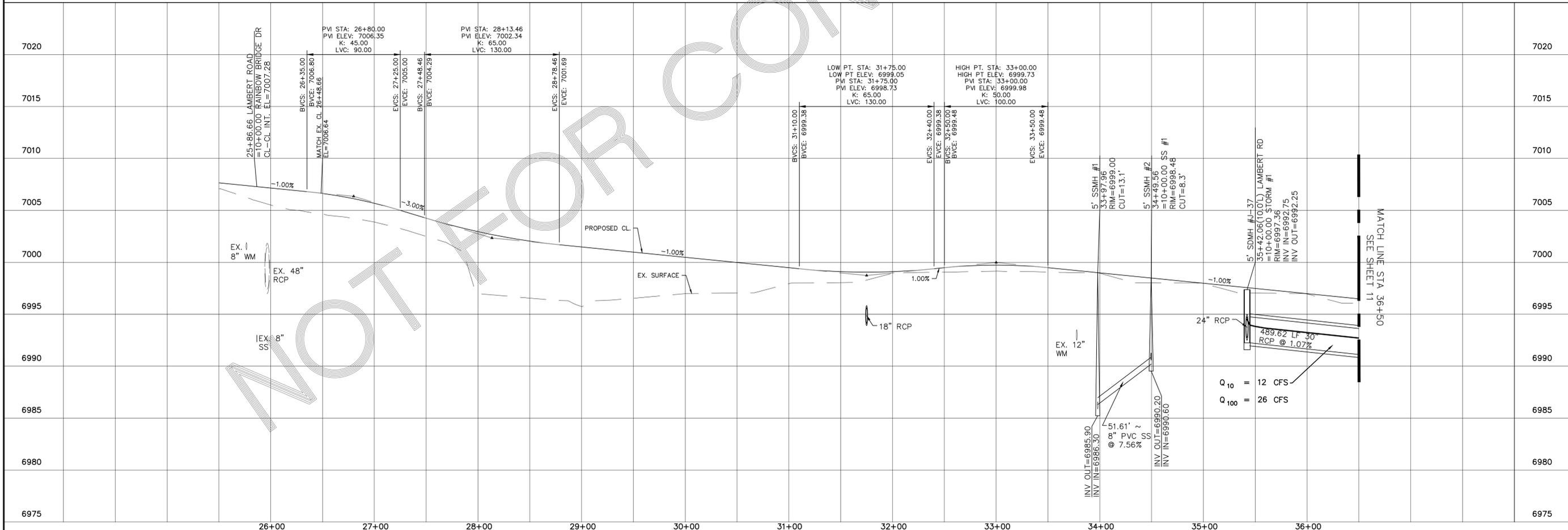
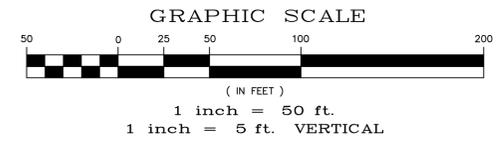
TWO WORKING DAYS
BEFORE YOU DIG
 CALL 811
 OR
 UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-322-1887
 (SEE COVER FOR LIST OF UTILITY CONTACTS)



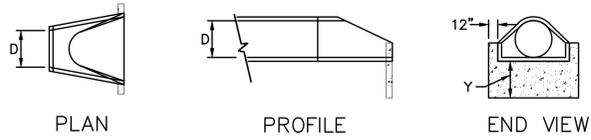
WINDINGWALK FILING NO. 1 LAMBERT ROAD

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

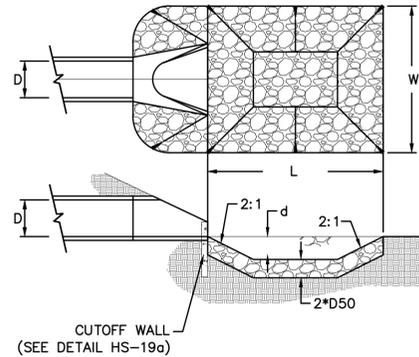
THE VISTAS FILING NO. 1



Date		
Appr.		
Date		
Revisions		
No.		
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457		
WINDINGWALK F2 AT MERIDIAN RANCH STREET AND UTILITY PLANS LAMBERT ROAD		
Drawn by	LOG	
Checked by	TAK	
Date		MARCH 2018
Scale	AS SHOWN	
	10 of 26	



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
Figure HS-19a. Culvert Cutoff Wall

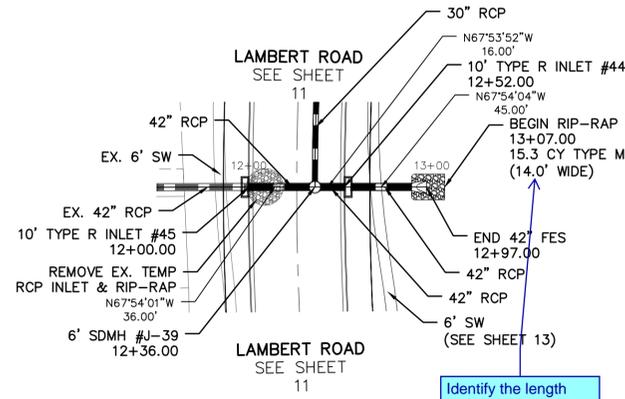
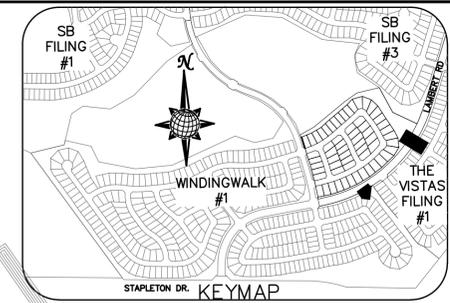


URBAN DRAINAGE AND FLOOD CONTROL DISTRICT (MODIFIED*)
Figure HS-19. Culvert and Outlet Erosion Protection
*RIP RAP RECTANGULAR POOL

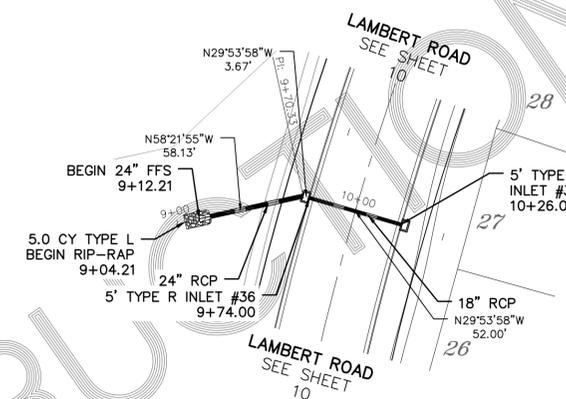
- NOTES:
1. Headwall with wingwalls or flared end section required at all culvert outlets.
2. Provide joint fasteners for flared end sections.

STORM #3
OUTLET PROTECTION DETAIL
NTS

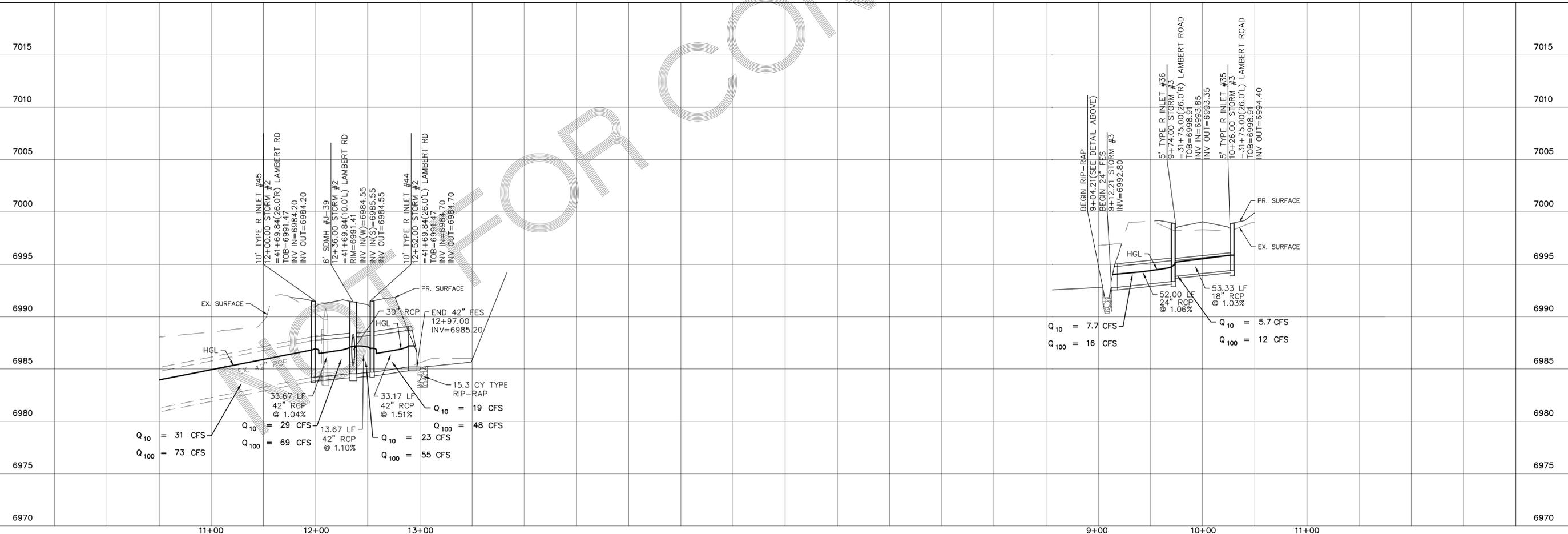
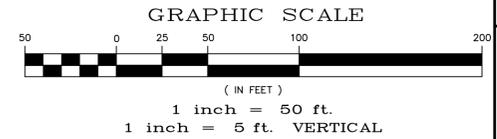
PIPE OUTLET	L	W	d	TYPE	D ₉₀	CY	Y	NOTES
24"	8.0	8.0	1.0	L	0.75	5.0	2.3	SEE ABOVE



STORM #2



STORM #3



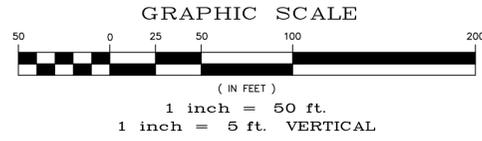
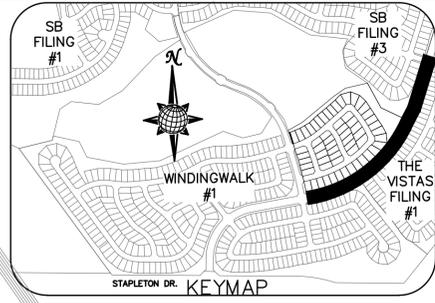
Drawn by	LOG	Checked by	TAK	Date	MARCH 2018
Scale	AS SHOWN			12	of 26
WINDINGWALK F2 AT MERIDIAN RANCH STREET AND UTILITY PLANS STORM #2 + STORM #3					
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457					
MERIDIAN RANCH					
No.	Revisions	Date	Invt.	Appr.	Date



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(SEE COVER FOR LIST OF UTILITY CONTACTS)

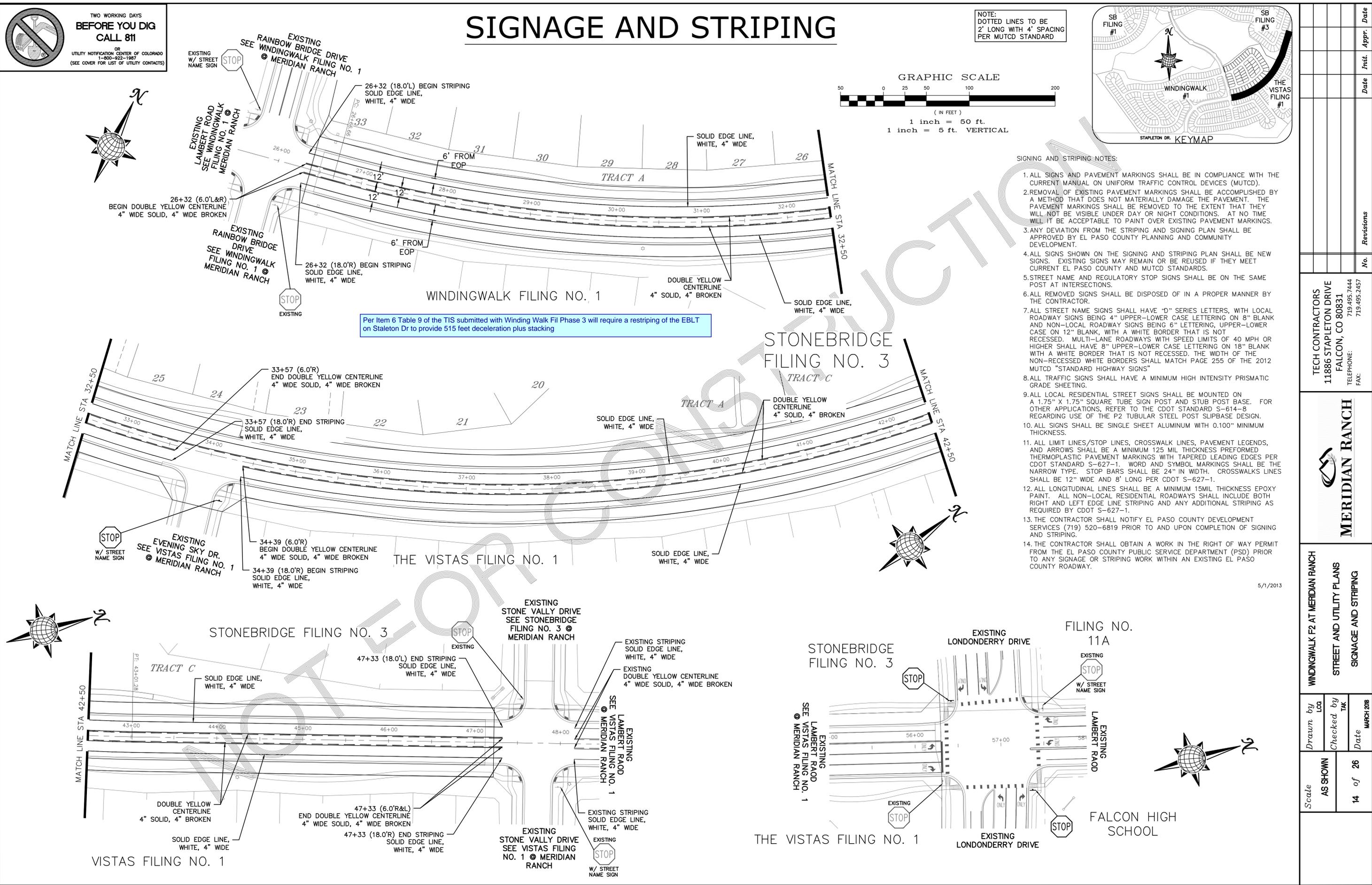
SIGNAGE AND STRIPING

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



- SIGNING AND STRIPING NOTES:**
1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
 3. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
 4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
 5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
 6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
 7. ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS".
 8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
 9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
 10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
 11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALK LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.
 12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
 13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY DEVELOPMENT SERVICES (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
 14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY PUBLIC SERVICE DEPARTMENT (PSD) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

Per Item 6 Table 9 of the TIS submitted with Winding Walk Fil Phase 3 will require a restriping of the EBLT on Stapleton Dr to provide 515 feet deceleration plus stacking



5/1/2013

Drawn by	LOG	Checked by	TAK	Date	MARCH 2018
Scale	AS SHOWN	14	of	26	
WINDINGWALK F2 AT MERIDIAN RANCH STREET AND UTILITY PLANS SIGNAGE AND STRIPING					
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457					
MERIDIAN RANCH					
No.					
Revisions					
Date					
Instr.					
Appr.					
Date					

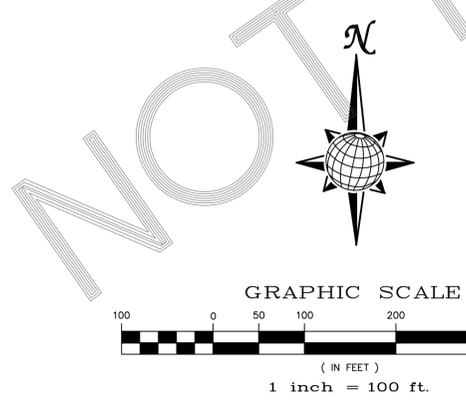


TWO WORKING DAYS
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CALL 811**

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

NOTE:
CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
2)THE VISTAS FILING 1 AT MERIDIAN RANCH
3)WINDINGWALK FILING NO. 1 @MERIDIAN RANCH

NOTE:
8" SS UNLESS OTHERWISE LABELED.



WINDINGWALK
FILING 1

STONEBRIDGE
FILING 3

THE VISTAS
FILING 1



Scale		AS SHOWN		15 of 26	
Drawn by	LOG	Checked by	TAK	Date	MARCH 2018
WINDINGWALK F2 AT MERIDIAN RANCH			STREET AND UTILITY PLANS		
OVERALL SANITARY SEWER					
MERIDIAN RANCH					
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457					
No.	Revisions	Date	Init.	Appr.	Date

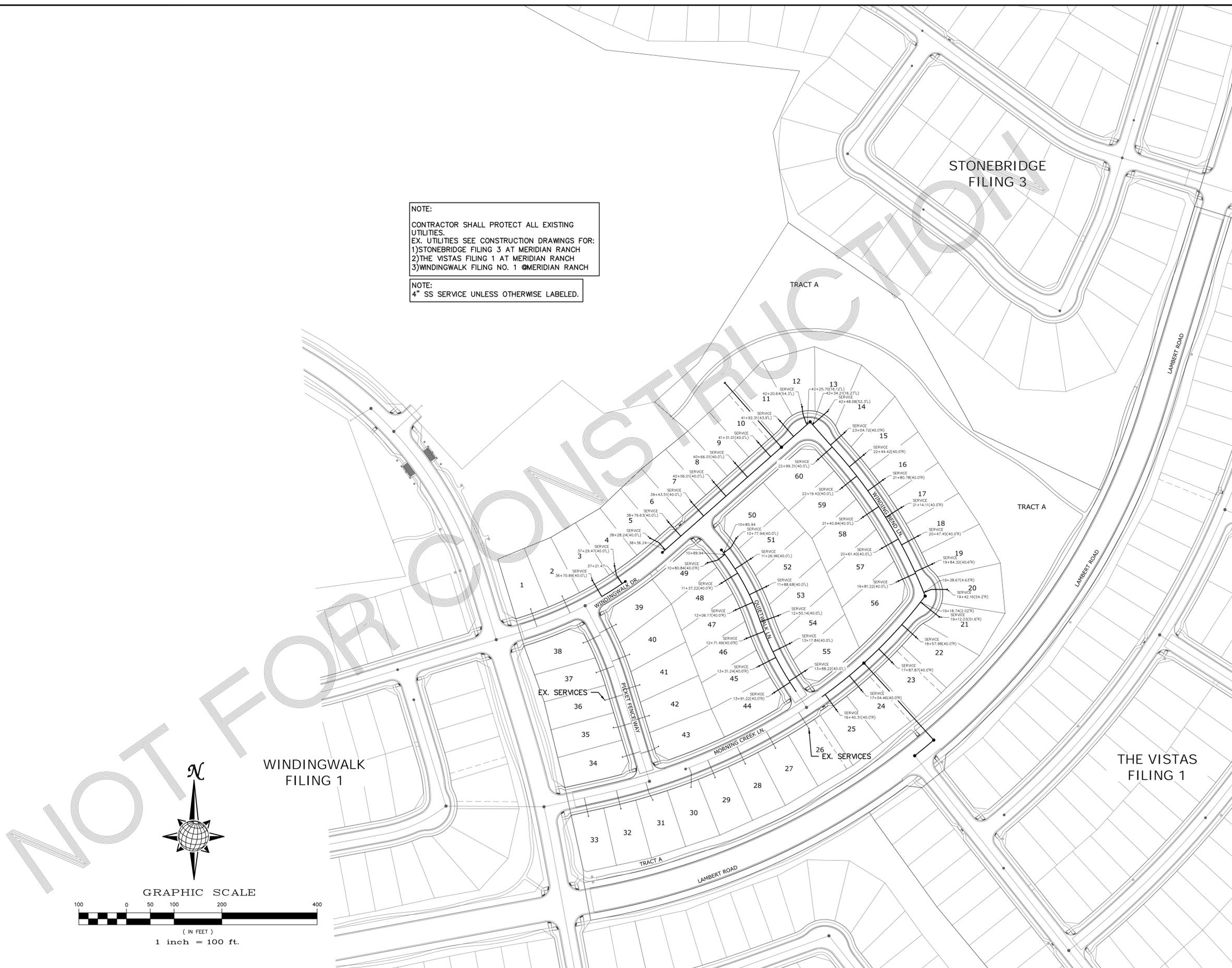
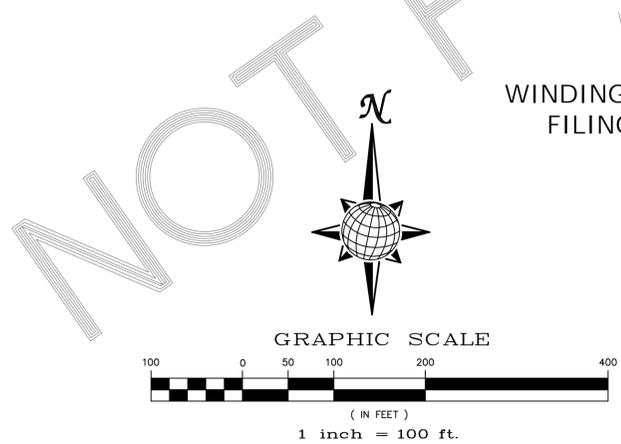
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TWO WORKING DAYS
BEFORE YOU DIG
CALL 811
 OR
 UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-922-1987
 (SEE COVER FOR LIST OF UTILITY CONTACTS)

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 3)WINDINGWALK FILING NO. 1 @MERIDIAN RANCH

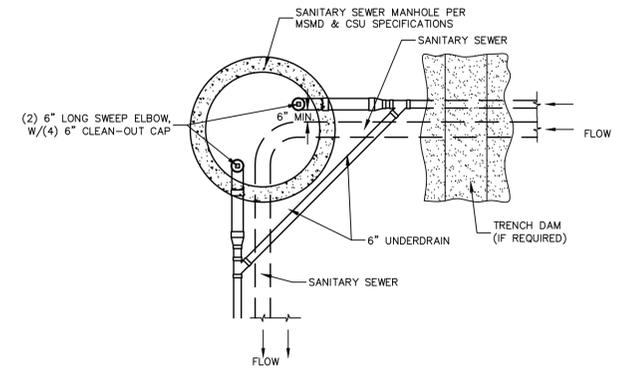
NOTE:
 4" SS SERVICE UNLESS OTHERWISE LABELED.



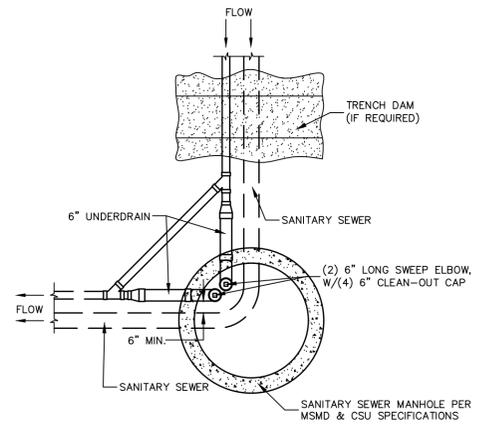
Scale AS SHOWN	Drawn by LOG	Checked by TAK	Date MARCH 2018
	16 of 26		
WINDINGWALK F2 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL SANITARY SEWER SERVICES			
 MERIDIAN RANCH			
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457			
No.	Revisions	Date	Appr.

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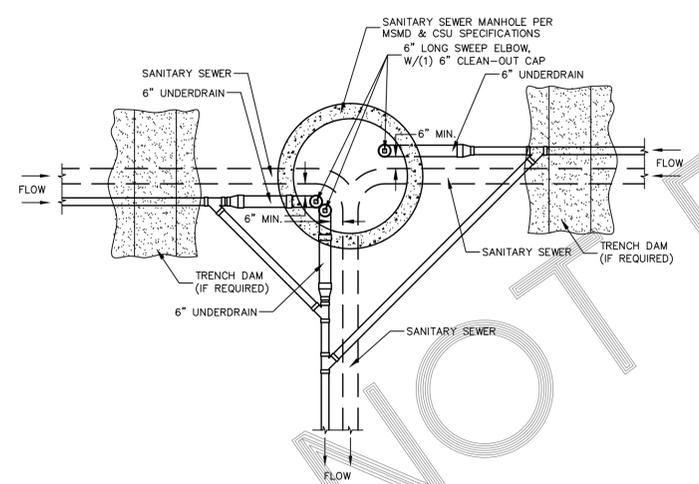
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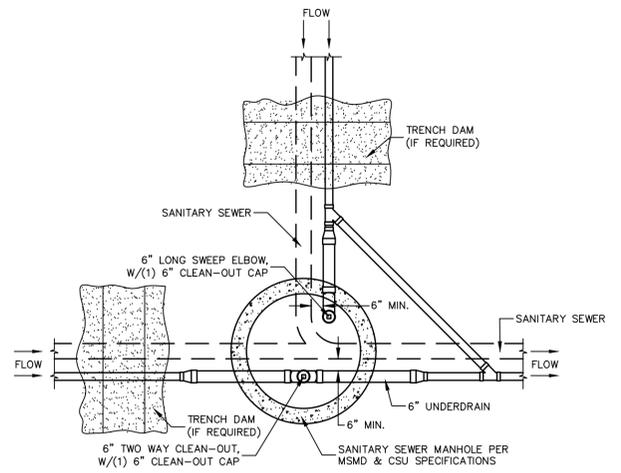
SSMH #1



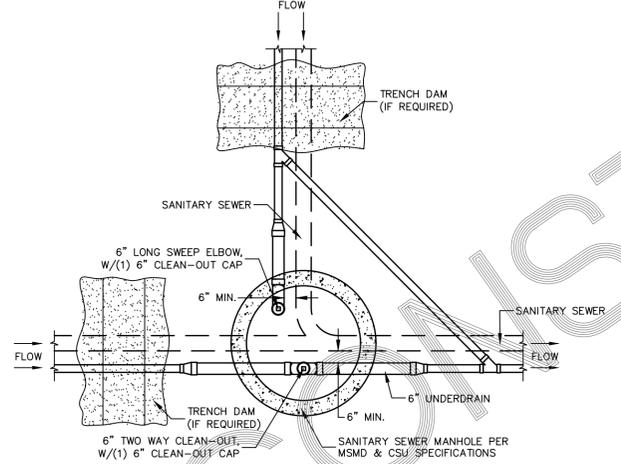
SSMH #2, #7, #8



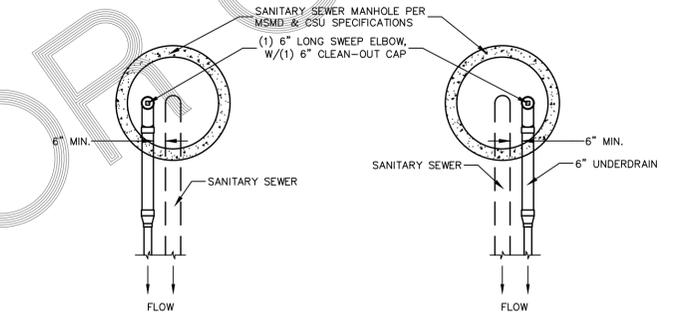
SSMH #3



SSMH #4

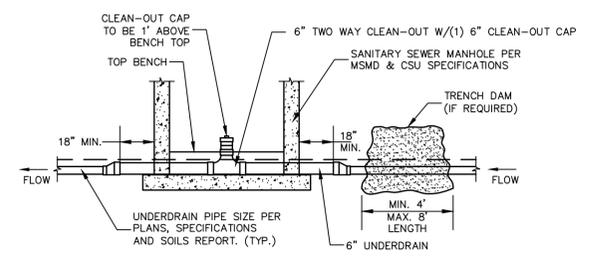


SSMH #9

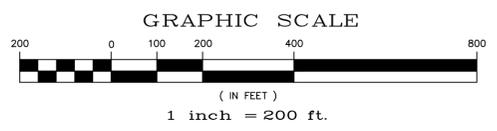
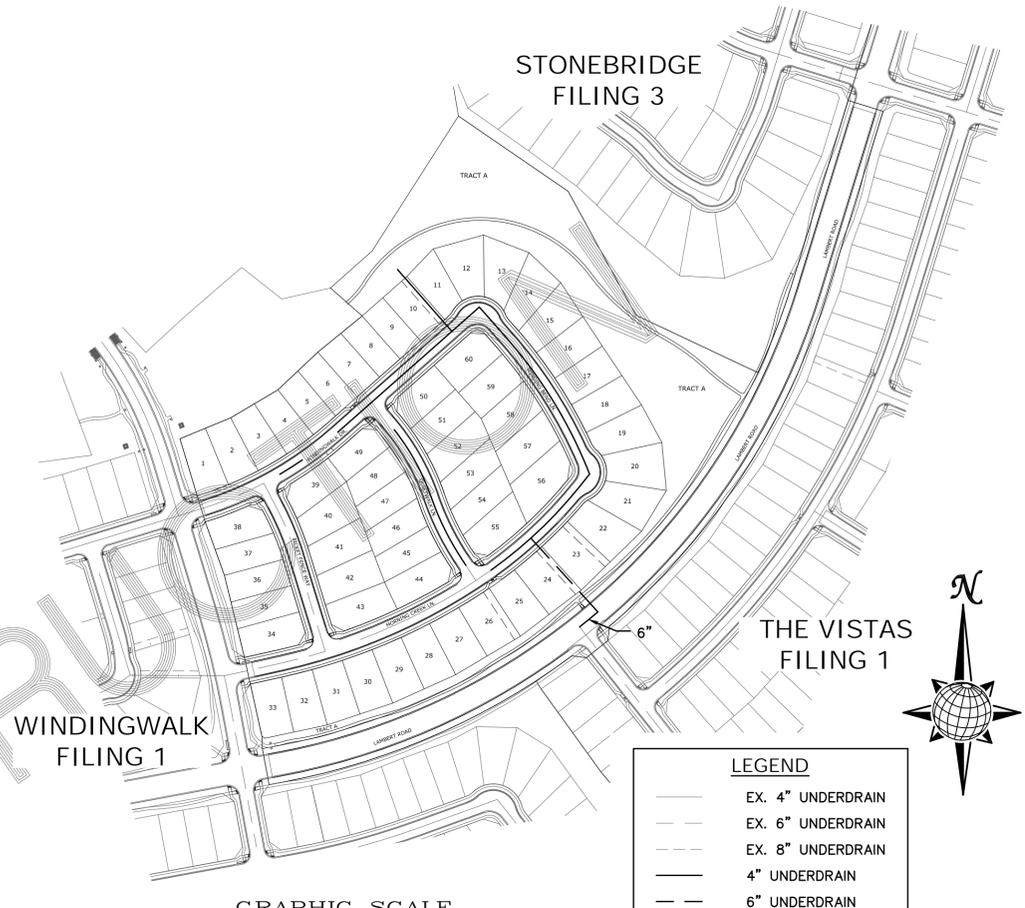


SSMH #5, #10

SSMH #6, #11



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



LEGEND

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

NOTE:
CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
2)THE VISTAS FILING 1 AT MERIDIAN RANCH
3)WINDINGWALK FILING NO. 1 @MERIDIAN RANCH

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.

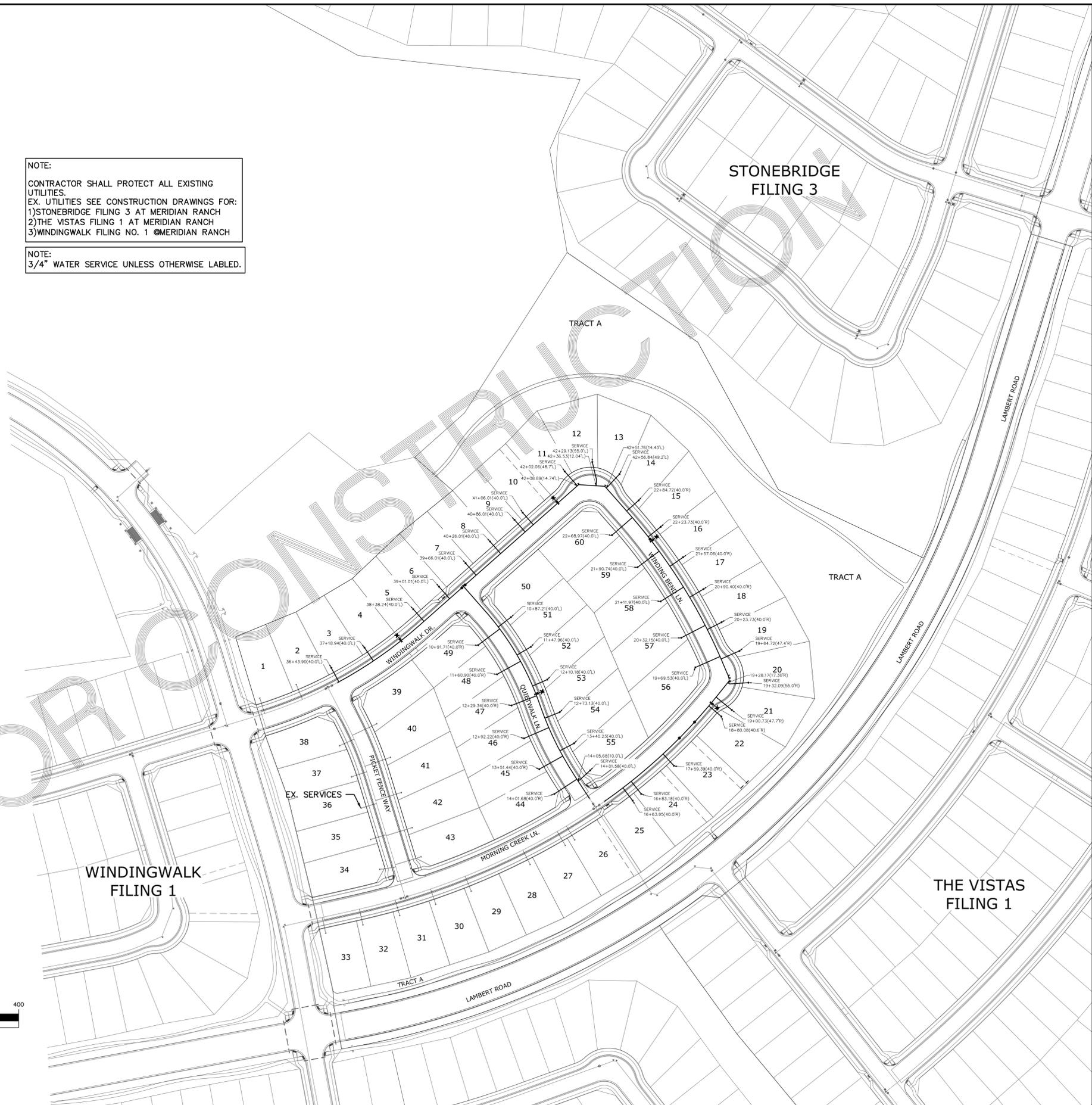
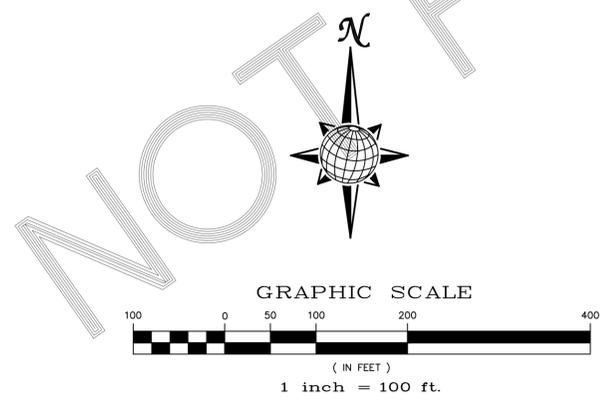
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457		No. _____		Revisions _____		Date _____		Appr. _____	
<p>MERIDIAN RANCH</p>		WINDINGWALK F2 AT MERIDIAN RANCH		STREET AND UTILITY PLANS		OVERALL UNDERDRAIN		Date	
		Drawn by LOG	Checked by TAK	Date MARCH 2018		Scale AS SHOWN		17 of 26	



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:
 CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
 EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
 1)STONEBRIDGE FILING 3 AT MERIDIAN RANCH
 2)THE VISTAS FILING 1 AT MERIDIAN RANCH
 3)WINDINGWALK FILING NO. 1 @MERIDIAN RANCH

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

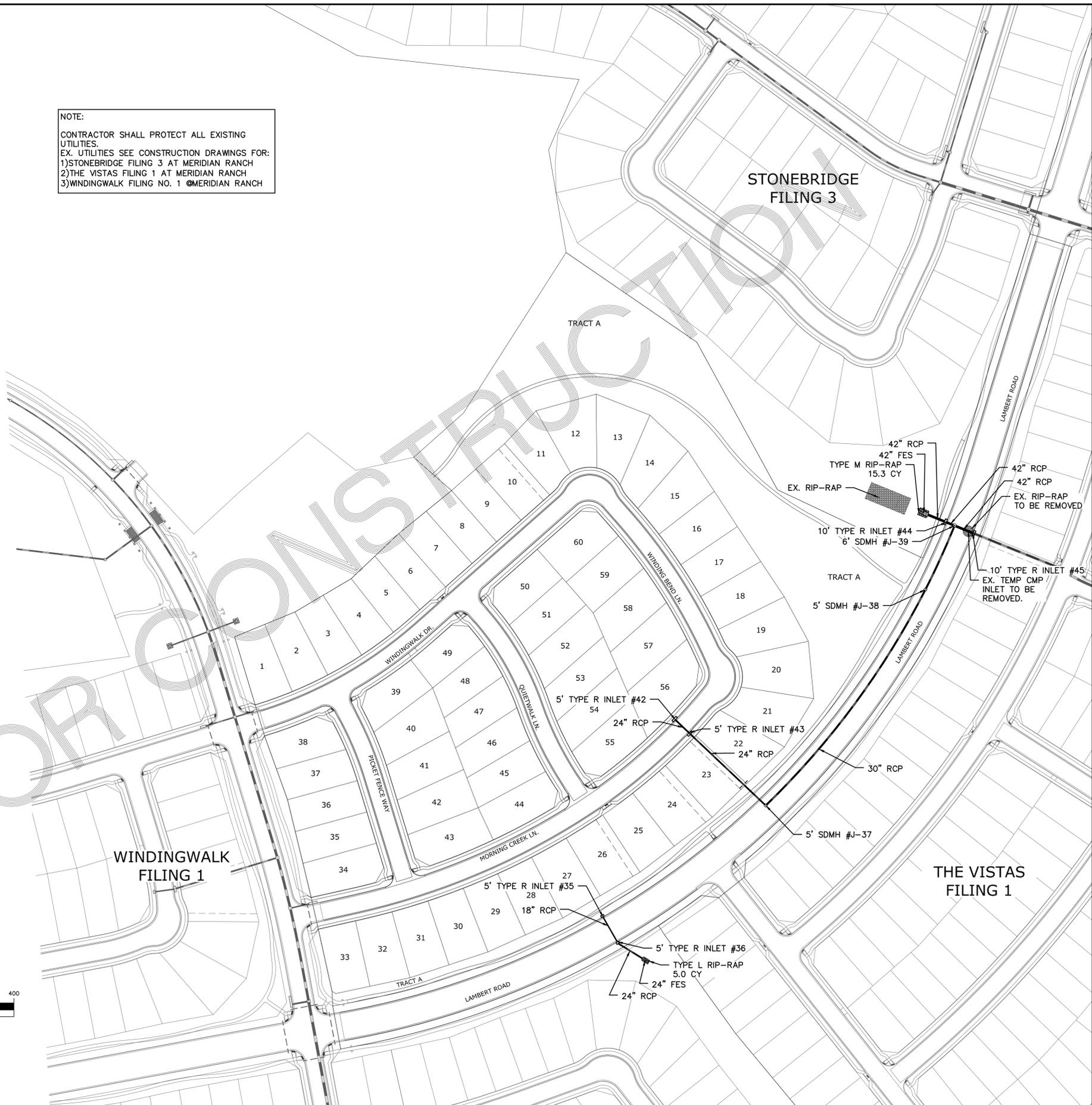
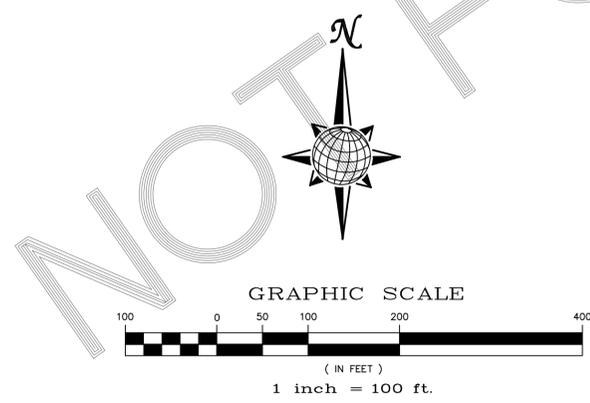


Scale		AS SHOWN		19 of 26	
Drawn by		LCA		Checked by	
		TAK		Date	
				MARCH 2018	
WINDINGWALK F2 AT MERIDIAN RANCH					
STREET AND UTILITY PLANS					
OVERALL WATER SERVICES					
TECH CONTRACTORS					
11886 STAPLETON DRIVE					
FALCON, CO 80831					
TELEPHONE: 719.495.7444					
FAX: 719.495.2457					
Revisions					
No.	Date	Instr.	Appr.	Date	



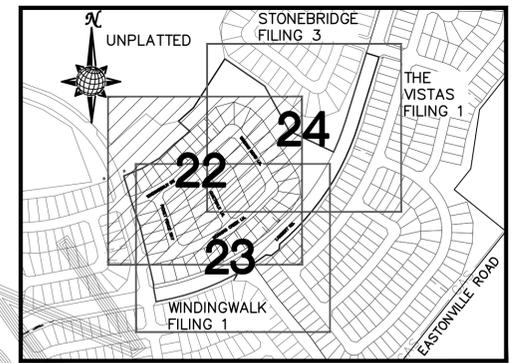
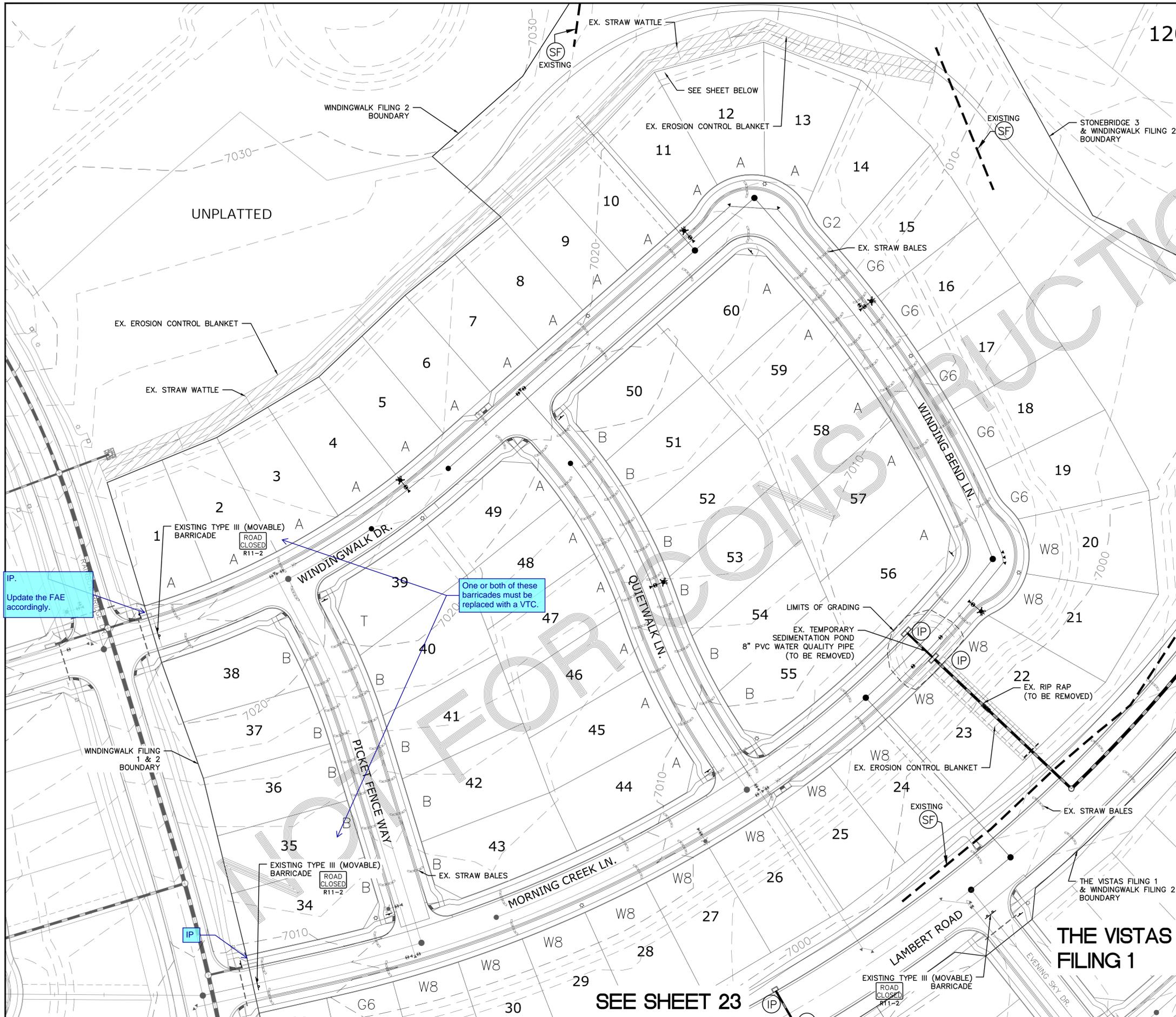
TWO WORKING DAYS
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Scale		AS SHOWN		20 of 26	
Drawn by	LCJ	Checked by	TAK	Date	MARCH 2018
WINDINGWALK F2 AT MERIDIAN RANCH STREET AND UTILITY PLANS OVERALL STORM DRAIN					
MERIDIAN RANCH					
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457					
No.	Revisions	Date	Instr.	Appr.	Date

S:\CADD\Windingwalk Filing 2\DWG\PLAN_SHEETS\IMPROVEMENT\PLAN_S01.dwg, 4/10/2018 2:28:22 PM



INDEX MAP
N.T.S.

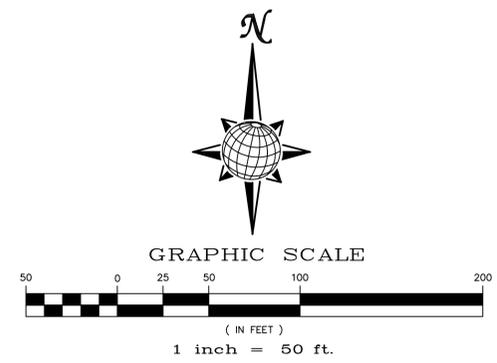
LEGEND

SYMBOL	ACRONYM	DESCRIPTION
		STRAW BALES
		EROSION WATTLES PER DETAIL SHEET 26
		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 26
		GRADING BOUNDARY
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
	2.00%	GRADE
	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 25.

CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
EX. UTILITIES SEE CONSTRUCTION DRAWINGS FOR:
1) STONEBRIDGE FILING 3 AT MERIDIAN RANCH
2) THE VISTAS FILING 1 AT MERIDIAN RANCH
3) WINDINGWALK FILING NO. 1 @ MERIDIAN RANCH

SEE SHEET 24

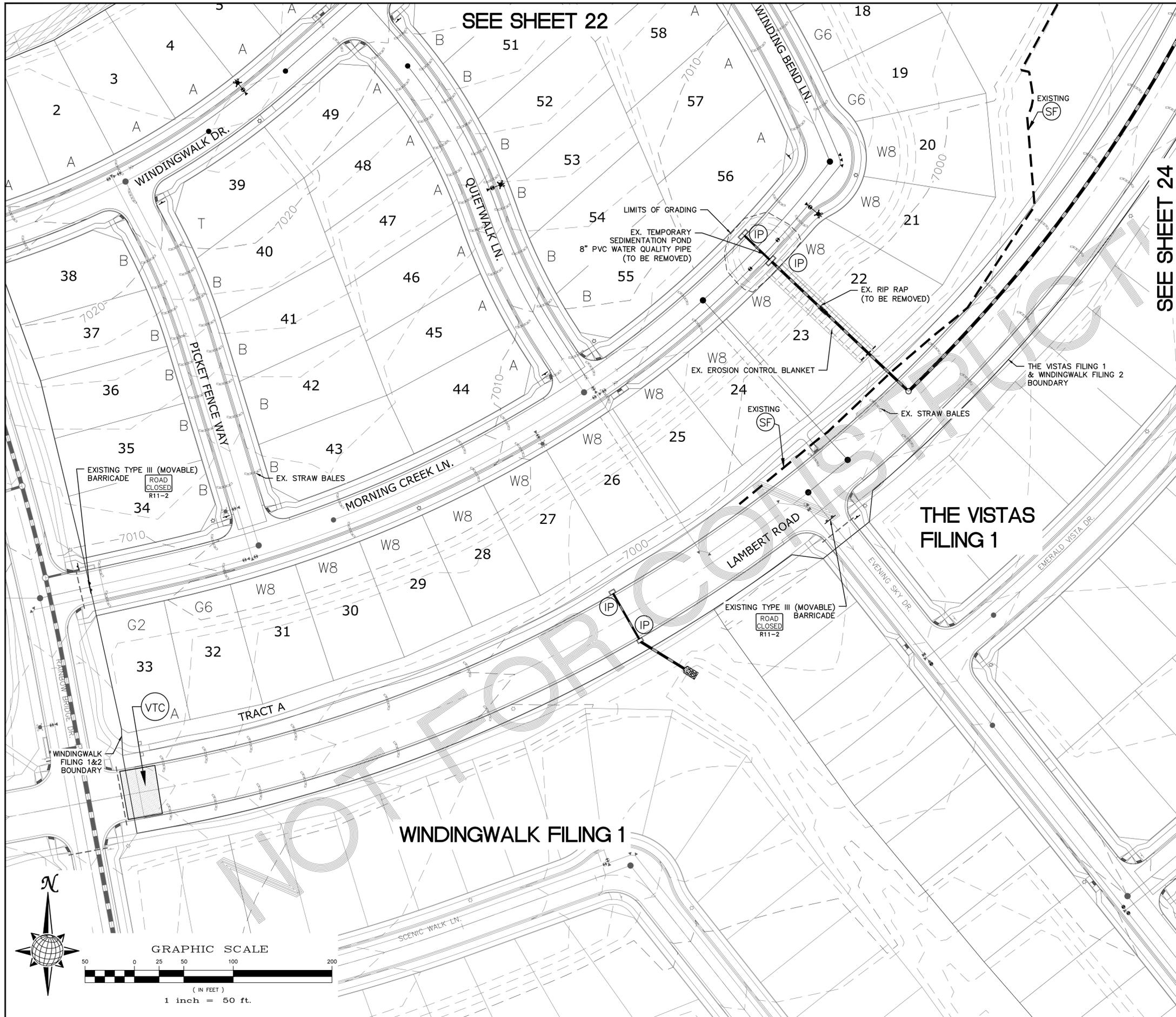


TWO WORKING DAYS
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1-800-922-1987
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IP.
Update the FAE accordingly.

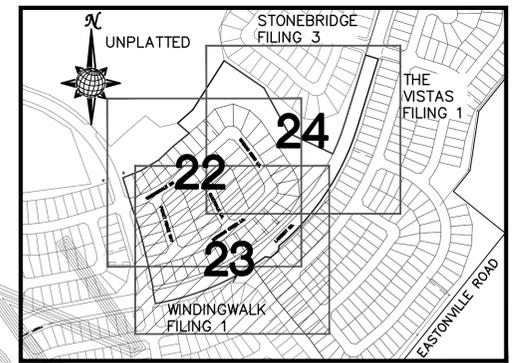
One or both of these barricades must be replaced with a VTC.

Drawn by	LOG	Checked by	TAK	Date	MARCH 2018
Scale	AS SHOWN	22 of 26			
WINDINGWALK F2 AT MERIDIAN RANCH GRADING+EROSION CONTROL PLAN LAYOUT					
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457					
MERIDIAN RANCH					
Date	1/17/2018	Appr.			
Date		Revis.			
No.					



SEE SHEET 22

SEE SHEET 24



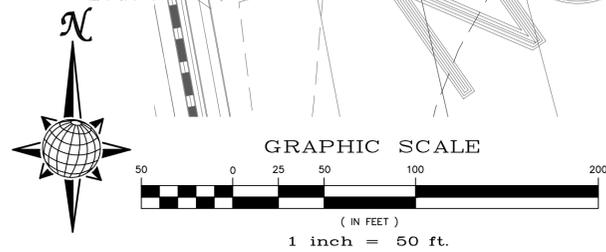
INDEX MAP
N.T.S.

LEGEND

SYMBOL	ACRONYM	DESCRIPTION
		STRAW BALES
		EROSION WATTLES PER DETAIL SHEET 26
		EROSION CONTROL BLANKET PER DETAIL ECB-1 & ECB-2 DCM VOL. 2
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		GRADING BOUNDARY
		EXISTING CONTOUR (10')
		EXISTING CONTOUR (2')
		PROPOSED CONTOUR (10')
		PROPOSED CONTOUR (2')
	2.00%	GRADE
	75	LOT NUMBER
	A	LOT GRADE TYPE

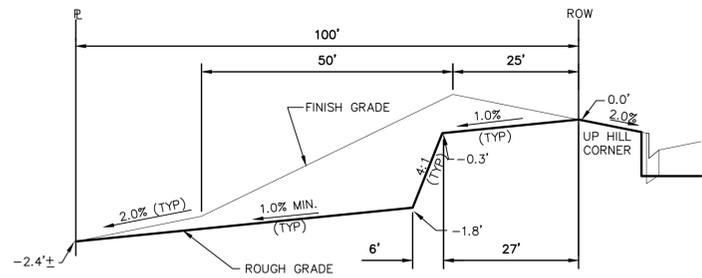
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2)THE VISTAS FILING 1 AT MERIDIAN RANCH
3)WINDINGWALK FILING NO. 1 @MERIDIAN RANCH



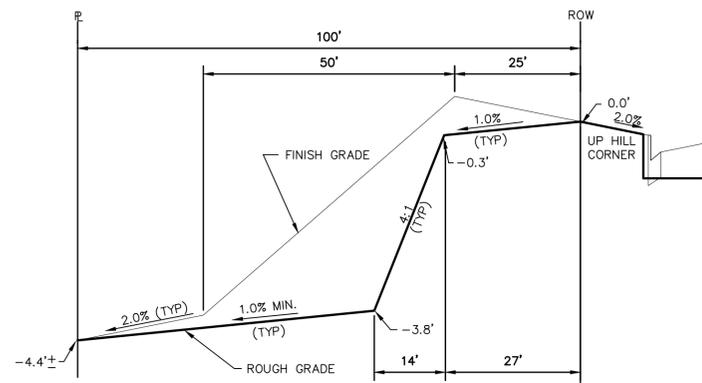
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Scale	AS SHOWN	23	of	26	
WINDINGWALK F2 AT MERIDIAN RANCH GRADING+EROSION CONTROL PLAN LAYOUT					
 MERIDIAN RANCH					
TECH CONTRACTORS 11886 STAPLETON DRIVE FALCON, CO 80831 TELEPHONE: 719.495.7444 FAX: 719.495.2457					
				Date	Appr.
				Date	Revis
				No.	

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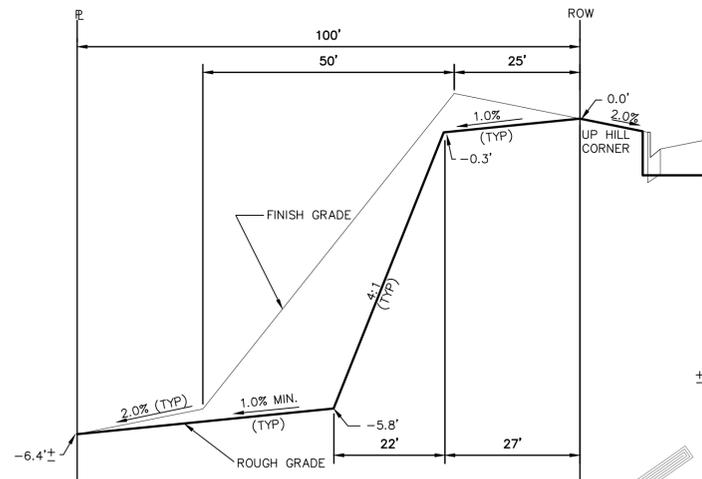
TYPICAL LOT "G2" TEMPLATES

NTS



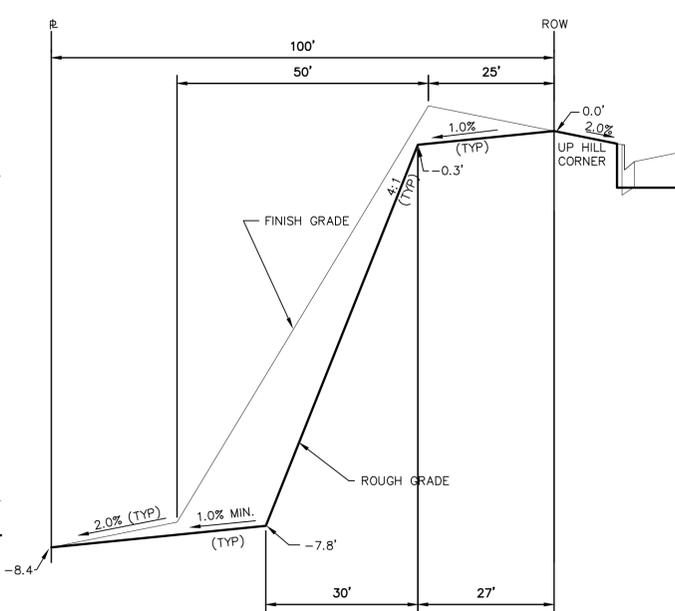
TYPICAL LOT "G4" TEMPLATES

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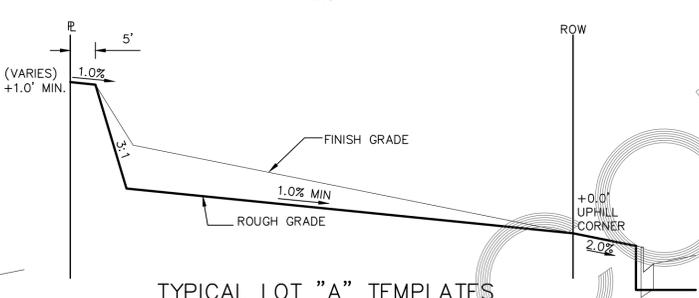
TYPICAL LOT "G6" TEMPLATES

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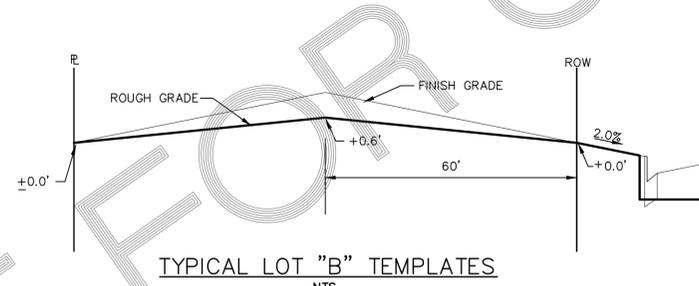
TYPICAL LOT "W8" TEMPLATES

NTS



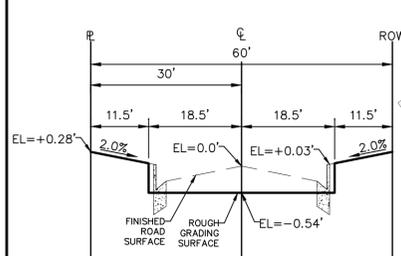
TYPICAL LOT "A" TEMPLATES

NTS



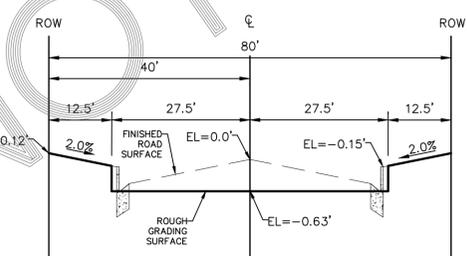
TYPICAL LOT "B" TEMPLATES

NTS



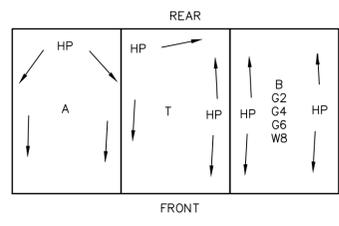
TYPICAL RESIDENTIAL STREET SECTION

60' ROW



TYPICAL LAMBERT ROAD STREET SECTION

80' ROW



TYPICAL DRAINAGE PATTERN

NTS

STEPS FOR CONSTRUCTION

THE ANTICIPATED START FOR THIS PROJECT IS DECEMBER 2018 WITH AN ANTICIPATED COMPLETION DATE OF MAY 2019. 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.

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
SIDEOATS 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

Date	Appr.	Date	Revisions	No.

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



WINDINGWALK F2 AT MERIDIAN RANCH
GRADING/EROSION CONTROL PLAN
DETAIL SHEET

Drawn by	Checked by	Date
LOG <td>TAK <td>MARCH 2018</td> </td>	TAK <td>MARCH 2018</td>	MARCH 2018

Scale AS SHOWN
25 of 26

TWO WORKING DAYS
BEFORE YOU DIG
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OR
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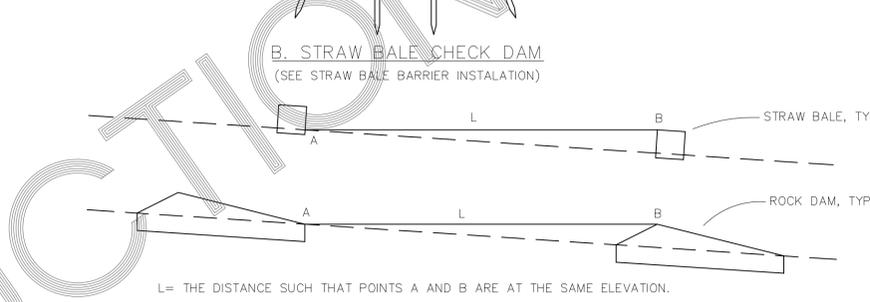
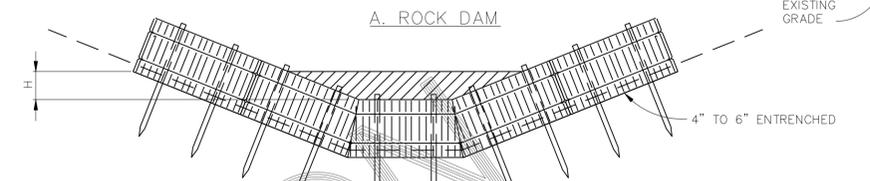
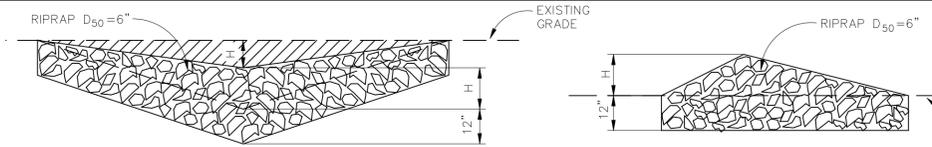
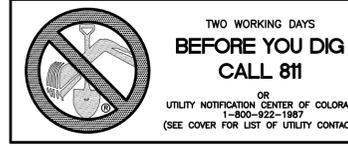
STRAW BALE BARRIER NOTES

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.



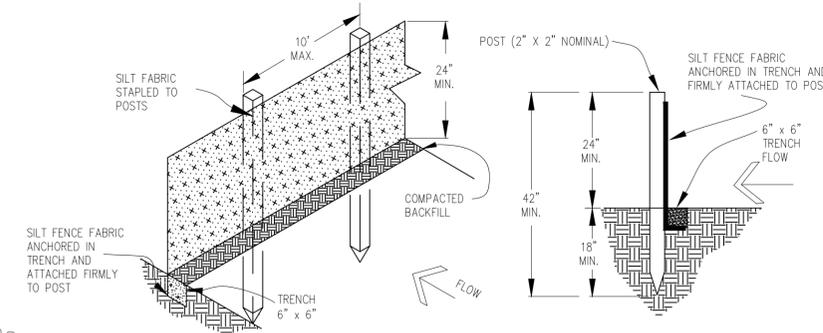
CHECK DAM NOTES

INSTALLATION REQUIREMENTS

- STRAW BALES USED AS CHECK DAMS ARE TO MEET THE REQUIREMENTS STATED IN FIGURE SBB-2.
- THE "H" DIMENSION SHALL BE SELECTED TO PROVIDE WEIR FLOW CONVEYANCE FOR 2-YEAR FLOW OR GREATER.

MAINTENANCE REQUIREMENTS

- REGULAR INSPECTIONS ARE TO BE MADE OF ALL CHECK DAMS, ESPECIALLY AFTER STORM EVENTS.
- REPLACE STONE AS NECESSARY TO MAINTAIN THE CORRECT HEIGHT OF THE DAM.
- ACCUMULATED SEDIMENT AND DEBRIS IS TO BE REMOVED FROM BEHIND THE DAMS AFTER EACH STORM OR WHEN 1/2 OF THE ORIGINAL HEIGHT OF THE DAM IS REACHED.
- CHECK DAMS ARE TO REMAIN IN PLACE AND OPERATIONAL UNTIL THE DRAINAGE AREA AND CHANNEL ARE PERMANENTLY STABILIZED.
- WHEN CHECK DAMS ARE REMOVED THE CHANNEL LINING OR VEGETATION IS TO BE RESTORED.

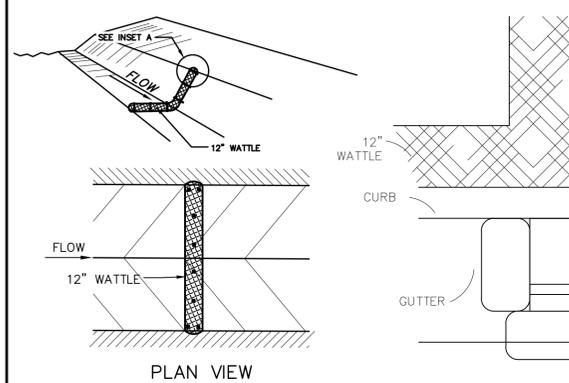
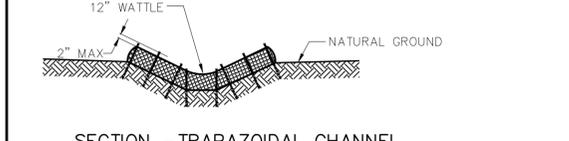
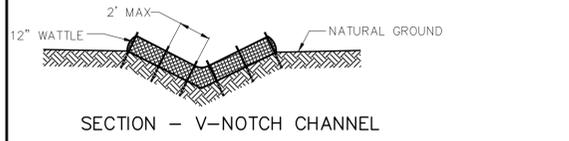
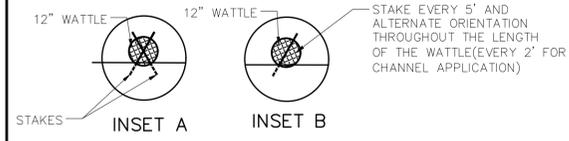
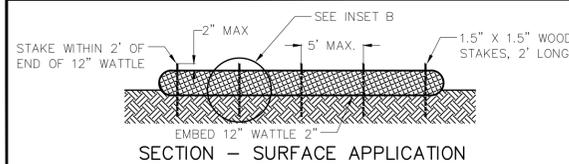


SILT FENCE NOTES

INSTALLATION REQUIREMENTS

- SILT FENCES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- WHEN JOINTS ARE NECESSARY, SILT FENCE GEOTEXTILE SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POST AND SECURELY SEALED.
- METAL POSTS SHALL BE "STUDDED TEE" OR "U" TYPE WITH MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT. WOOD POSTS SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.
- THE FILTER MATERIAL SHALL BE FASTENED SECURELY TO METAL OR WOOD POSTS USING WIRE TIES, OR TO WOOD POSTS WITH 3/4" LONG #9 HEAVY-DUTY STAPLES. THE SILT FENCE GEOTEXTILE SHALL NOT BE STAPLED TO EXISTING TREES.
- WHILE NOT REQUIRED, WIRE MESH FENCE MAY BE USED TO SUPPORT THE GEOTEXTILE. WIRE FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 3/4" LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 6" AND SHALL NOT EXTEND MORE THAN 3" ABOVE THE ORIGINAL GROUND SURFACE.

- ALONG THE TOE OF FILLS, INSTALL THE SILT FENCE ALONG A LEVEL CONTOUR AND PROVIDE AN AREA BEHIND THE FENCE FOR RUNOFF TO POND AND SEDIMENT TO SETTLE. A MINIMUM DISTANCE OF 5 FEET FROM THE TOE OF THE FILL IS RECOMMENDED.
- THE HEIGHT OF THE SILT FENCE FROM THE GROUND SURFACE SHALL BE MINIMUM OF 24 INCHES AND SHALL NOT EXCEED 36 INCHES; HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.
- SEDIMENT SHALL BE REMOVED FROM BEHIND SILT FENCE WHEN IT ACCUMULATES TO HALF THE EXPOSED GEOTEXTILE HEIGHT.
- SILT FENCES SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED AS APPROVED BY THE CITY.



NOTES:

USE 2 FT WOODEN STATES WITH A 1.5 IN BY 1.5 IN NOMINAL CROSS SECTION.

ONLY INSTALL 12" WATTLES TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES OR AS DIRECTED.

REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE HALF OF THE EXPOSED LOG HEIGHT. INSPECTIONS SHALL BE PERFORMED FREQUENTLY FOR PROPER FUNCTION.

WHEN MORE THAN ONE EROSION LOG IS NEEDED, ENDS MUST BE TIGHTLY ABUTTED.

WATTLES MAY ALSO BE USED ACROSS LONG SLOPES TO REDUCE EROSION AND SEDIMENT VOLUME.

STRAW WATTLES MAY BE USED IN LIEU OF STRAW BALES AND/OR SILT FENCE WITH APPROVAL THE COUNTY, OWNER, ENGINEER, AND SWMP ADMINISTRATOR.

CONCRETE BLOCK AND GRAVEL BAG* CURB INLET PROTECTION

INSTALLATION REQUIREMENTS

- INLET PROTECTION SHALL BE INSTALLED IMMEDIATELY AFTER CONSTRUCTION OF INLET.
- CONCRETE BLOCKS ARE TO BE LAID AT 2" SPACING ON THEIR SIDES WITH THE OPEN ENDS OF THE BLOCK FACING EACH OTHER.
- IF MORE THAN ONE 2X4 IS REQUIRED, THEY NEED TO OVERLAP BY A MINIMUM OF 2'
- GRAVEL BAGS ARE TO BE PLACED AROUND THE CONCRETE BLOCKS AND 2X4 TO CLOSELY ABUTTING ONE ANOTHER SO THERE ARE NO GAPS.
- GRAVEL BAGS ARE TO CONTAIN WASHED SAND OR GRAVEL APPROXIMATELY 3/4 INCH IN DIAMETER.
- BAGS ARE TO BE MADE OF 1/4" INCH WIRE MESH (USED WITH GRAVEL ONLY) OR GEOTEXTILE.

MAINTENANCE REQUIREMENTS

- CONTRACTOR SHALL INSPECT INLET PROTECTION IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS NO RAINFALL.
- DAMAGED OR INEFFECTIVE INLET PROTECTION SHALL PROMPTLY BE REPAIRED OR REPLACED.
- SEDIMENT SHALL BE REMOVED WHEN SEDIMENT HAS ACCUMULATED TO APPROXIMATELY 1/2 THE DESIGN DEPTH OF THE TRAP.
- INLET PROTECTION SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED WITHIN THE DRAINAGE AREA 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.

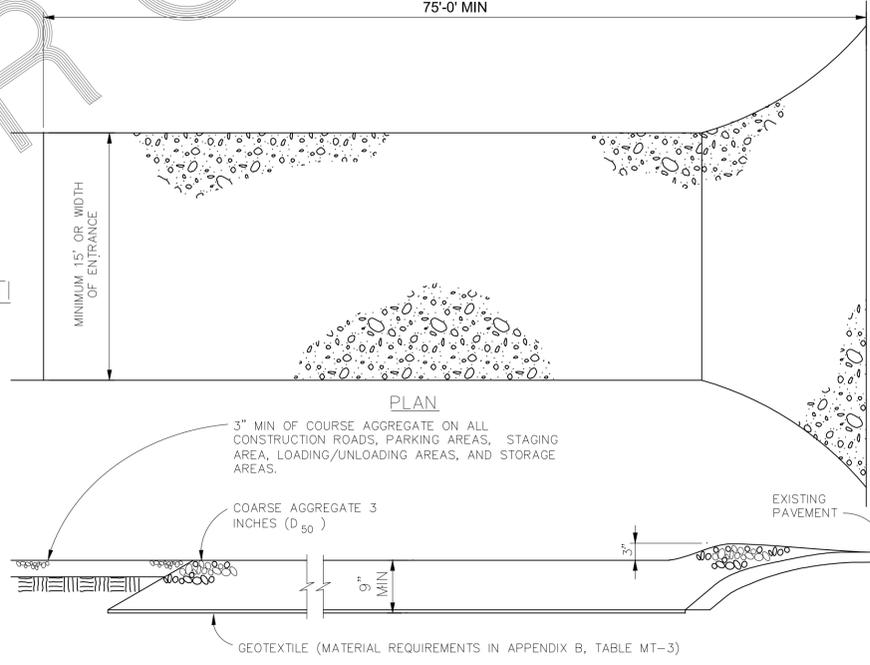
STRAW BALE BARRIER VEHICLE TRACKING NOTES

INSTALLATION REQUIREMENTS

- ALL ENTRANCES TO THE CONSTRUCTION SITE ARE TO BE STABILIZED PRIOR TO CONSTRUCTION BEGINNING.
- CONSTRUCTION ENTRANCES ARE TO BE BUILT WITH AN APRON TO ALLOW FOR TURNING TRAFFIC, BUT SHOULD NOT BE BUILT OVER EXISTING PAVEMENT EXCEPT FOR A SLIGHT OVERLAP.
- AREAS TO BE STABILIZED ARE TO BE PROPERLY GRADED AND COMPACTED PRIOR TO LAYING DOWN GEOTEXTILE AND STONE.
- CONSTRUCTION ROADS, PARKING AREAS, LOADING/UNLOADING ZONES, STORAGE AREAS, AND STAGING AREAS ARE TO BE STABILIZED.
- CONSTRUCTION ROADS ARE TO BE BUILT TO CONFORM TO SITE GRADES, BUT SHOULD NOT HAVE SIDE SLOPES OR ROAD GRADES THAT ARE EXCESSIVELY STEEP.

MAINTENANCE REQUIREMENTS

- REGULAR INSPECTIONS ARE TO BE MADE OF ALL STABILIZED AREAS, ESPECIALLY AFTER STORM EVENTS.
- STONES ARE TO BE REAPPLIED PERIODICALLY AND WHEN REPAIR IS NECESSARY.
- SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED DAILY BY SHOVELING OR SWEEPING. SEDIMENT IS NOT TO BE WASHED DOWN STORM SEWER DRAINS.
- STORM SEWER INLET PROTECTION IS TO BE IN PLACE, INSPECTED, AND CLEANED IF NECESSARY.
- OTHER ASSOCIATED SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED TO ENSURE GOOD WORKING CONDITION.



VEHICLE TRACKING

Scale	AS SHOWN	Drawn by	LCG	Checked by	TAK	Date	MARCH 2018
		WINDINGWALK F2 AT MERIDIAN RANCH		GRADING/EROSION CONTROL PLAN		DETAIL SHEET	
		TECH CONTRACTORS		FALCON, CO 80831		719.495.7444	
		11886 STAPLETON DRIVE		FALCON, CO 80831		719.495.2457	
		TELEPHONE:		719.495.7444		719.495.2457	
		FAX:		719.495.2457		719.495.2457	
		MERIDIAN RANCH		MERIDIAN RANCH		MERIDIAN RANCH	
		No.		Revisions		Date	
		Date		Date		Date	
		Appr.		Appr.		Appr.	
		Date		Date		Date	

Markup Summary

Daniel Torres (3)

MIT (ESQCP), REGIONAL BUILDING FL
ISSUED 401 AND/OR 404 PERMITS, A
SHALL NOT DEVIATE FROM THE PLA
D DSS. CONTRACTOR SHALL NOTIFY
TENCIES. PCD
RAIN PIPE SHALL BE CLASS III RCP
R SHALL COORDINATE GEOTECHNICA
Y EL PASO COUNTY PCD PRIOR TO F

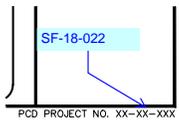
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Author: Daniel Torres
Date: 8/20/2018 8:21:18 AM
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PCD



Subject: Callout
Page Label: [1] 02 INDEX SHEET
Author: Daniel Torres
Date: 8/20/2018 8:22:07 AM
Color: ■

El Paso County Department of Public Works



Subject: Callout
Page Label: [1] 01 COVER SHEET
Author: Daniel Torres
Date: 8/20/2018 8:25:58 AM
Color: ■

SF-18-022

dsdlaforce (10)



Subject: Callout
Page Label: [1] 22 LAYOUT
Author: dsdlaforce
Date: 8/20/2018 3:09:28 PM
Color: ■

One or both of these barricades must be replaced with a VTC.



Subject: Callout
Page Label: [1] 22 LAYOUT
Author: dsdlaforce
Date: 8/20/2018 3:10:05 PM
Color: ■

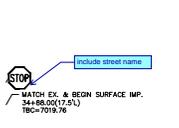
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Color: ■

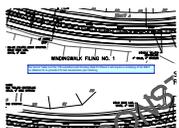
IP.

Update the FAE accordingly.



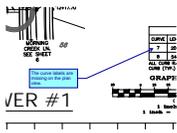
Subject: Callout
Page Label: [1] 05 WINDINGWALK DR.
Author: dsdlaforce
Date: 8/20/2018 3:24:49 PM
Color: ■

include street name



Subject: Text Box
Page Label: [1] 14 SIGNAGE AND STRIPING
Author: dsdlaforce
Date: 8/20/2018 3:36:58 PM
Color: ■

Per Item 6 Table 9 of the TIS submitted with Winding Walk Fil Phase 3 will require a restriping of the EBLT on Staleton Dr to provide 515 feet deceleration plus stacking



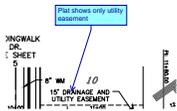
Subject: Callout
Page Label: [1] 07 WINDING BEND LN. + SEWER #1
Author: dsdlaforce
Date: 8/20/2018 4:04:25 PM
Color: ■

The curve labels are missing on the plan view.



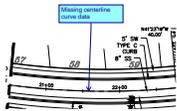
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Author: dsdlaforce
Date: 8/20/2018 4:08:14 PM
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Identified as Utility Easement in the plat.



Subject: Callout
Page Label: [1] 08 PICKET FENCE WAY + SEWER #2
Author: dsdlaforce
Date: 8/20/2018 4:46:17 PM
Color: ■

Plat shows only utility easement



Subject: Callout
Page Label: [1] 07 WINDING BEND LN. + SEWER #1
Author: dsdlaforce
Date: 8/20/2018 4:55:31 PM
Color: ■

Missing centerline curve data



Subject: Callout
Page Label: [1] 12 STORM #2 & STORM #3
Author: dsdlaforce
Date: 8/20/2018 5:08:15 PM
Color: ■

Identify the length