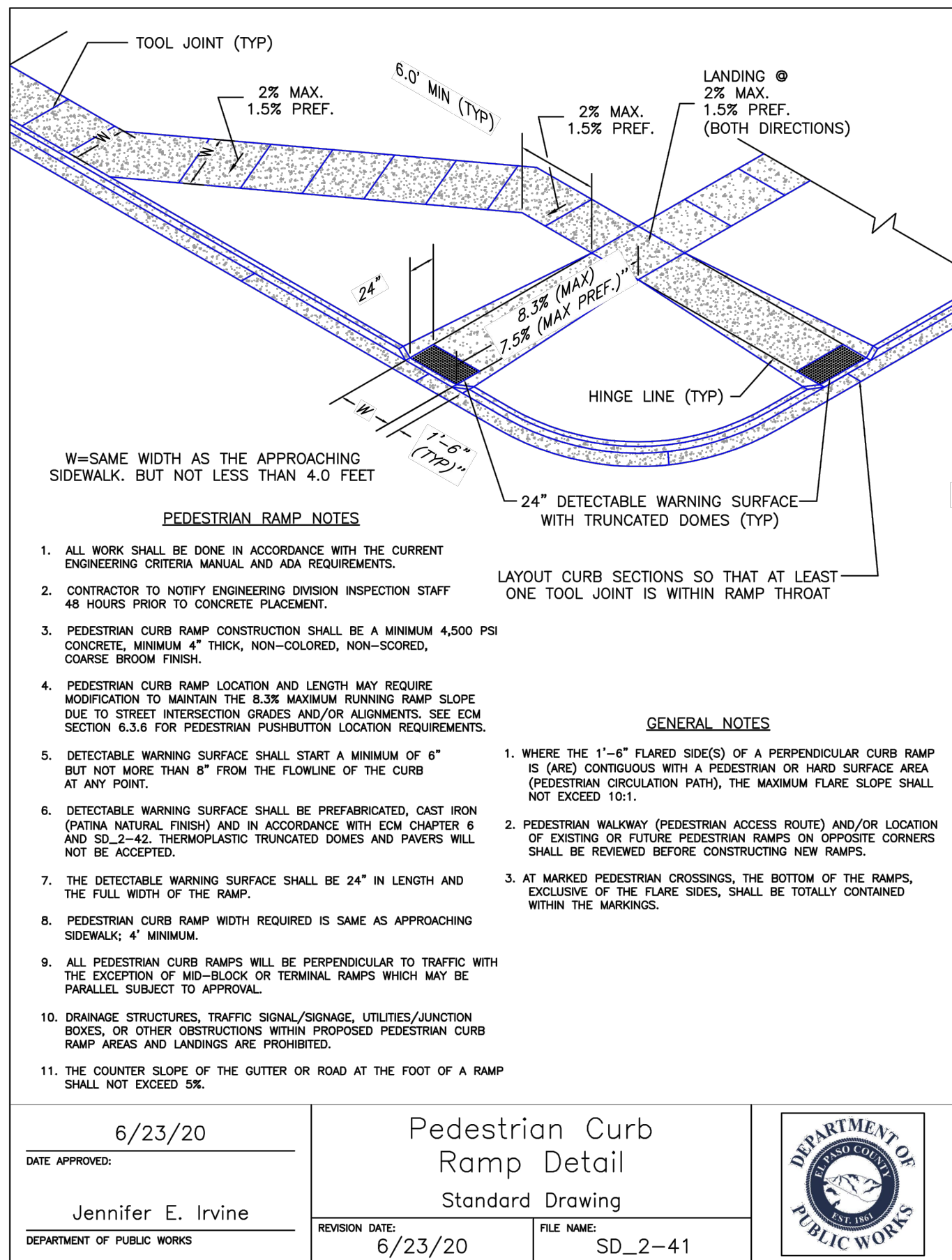


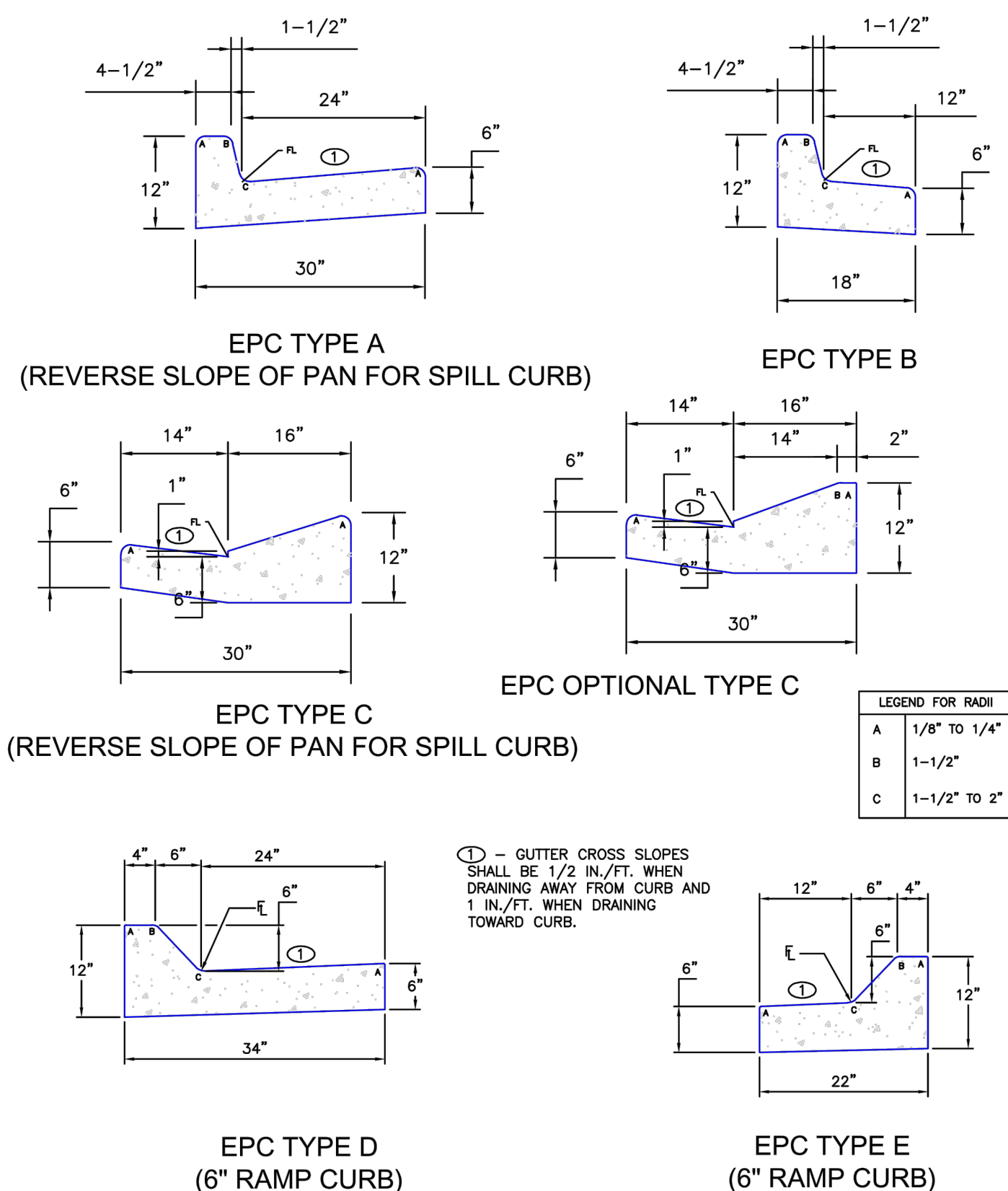
1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
2. THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
3. ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
4. ALL BACKFILL, SUB-BASE, AND/OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED PER THE SOILS ENGINEER'S RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY PCD.
5. ALL STATIONING IS CENTERLINE OF IMPROVEMENTS UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED AS TOP BACK OF CURB (TBC), ASPHALT (ASP), OR TOP OF INLET OR BOX (TOB).
6. ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO EPC ECM APPENDIX K - 1.2C.
7. ALL INTERSECTION ACCESSSES TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLES IS REQUIRED AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" VERTICAL IN THIS AREA.
8. ALL CULVERTS AND STORM DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HDPE), REINFORCED CONCRETE PIPE (RCP). ALL CULVERTS SHALL BE PLACED COMPLETE WITH FLARED END SECTIONS. ADEQUACY OF MATERIAL THICKNESS FOR ANY CSP INSTALLED SHALL BE VERIFIED BY OWNER'S GEOTECHNICAL ENGINEER TO SUPPORT MINIMUM 50 YEAR DESIGN LIFE. CULVERTS MUST CONFORM TO EPC ECM SECTION 3.32 - CULVERTS.
9. ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED) FOR ROADS SHALL BE PER DESIGN REPORT BY OWNER'S GEOTECHNICAL ENGINEER. OWNER'S GEOTECHNICAL ENGINEER TO BE ON SITE AT THE TIME OF ROAD CONSTRUCTION TO EVALUATE SOIL CONDITIONS AND DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY TO ASSURE STABILITY OF THE NEW ROADS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO CONSTRUCTION.

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 PCO.
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 0.010" 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. CROSSWALKS 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 PLANNING AND COMMUNITY DEVELOPMENT (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 DPW PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
 - a. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - b. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 - c. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - d. CDOT M & S STANDARDS
4. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PCD - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
8. CONTRACTOR SHALL NOT DEViate FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.
11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DPW AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.



THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.



TYPICAL CURB AND GUTTER DETAIL (SD 2-20C)

PROPERTY LINE

50' ACCESS EASEMENT

2.5'

30' PAVEMENT

2.5'

2% TYP.

2%

2%

2% TYP.

4' ATTACHED SIDEWALK

EPC TYPE A & C CURB & GUTTER

TELE CATV

UP

SS

W

3.0'

7.0'

5.67'

5.67'

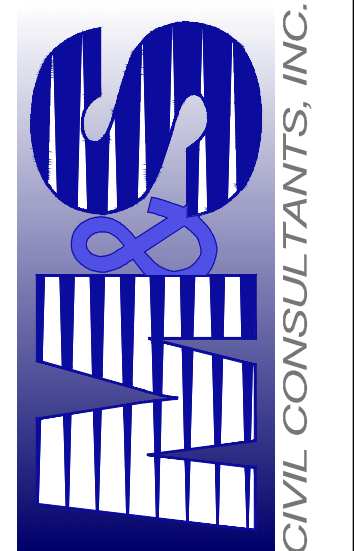
DESIGN SPEED 35 MPH



FOR BURIED UTILITY INFORMATION
48 HRS BEFORE YOU DIG
CALL 1-800-922-1987

EL PASO COUNTY FILE NO. PCD # SF-20-014

02 E. PIKES PEAK AVE., SUITE 500
COLORADO SPRINGS, CO 80903
PHONE: 719.955.5485

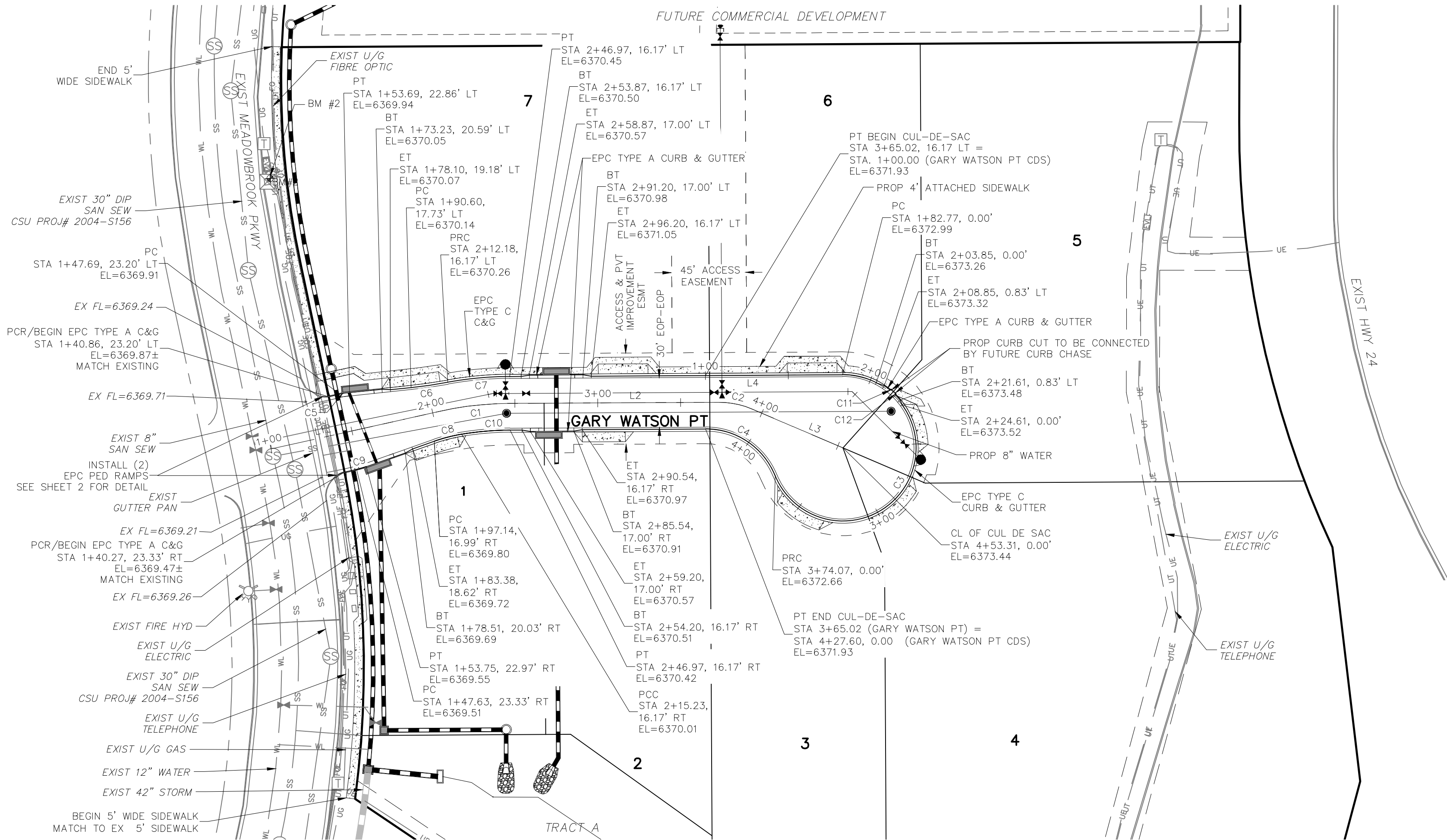


VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160

FOR AND ON
BEHALF OF
M&S CIVIL
CONSULTANTS,
INC.

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File: Q:\44037A-CBP F2-Lots 1-8\44037A-CBP F2-Lots 1-8.dwg Const Dwg\STREET AND STORM\S03.dwg Plotstamp: 10/21/2020 10:58 AM



GARY WATSON PT
(PRIVATE)

ABBREVIATION LEGEND

C-@ CENTERLINE INTERSECTION
F-L FLOWLINE INTERSECTION
BT BEGIN TRANSITION
ET END TRANSITION
PC POINT OF CURVE
PCC POINT OF COMPOUND CURVE
PCR POINT OF CURB RETURN
PRC POINT OF REVERSE CURVE
PT POINT OF TANGENT
EL ELEVATION
LT LEFT
RT RIGHT

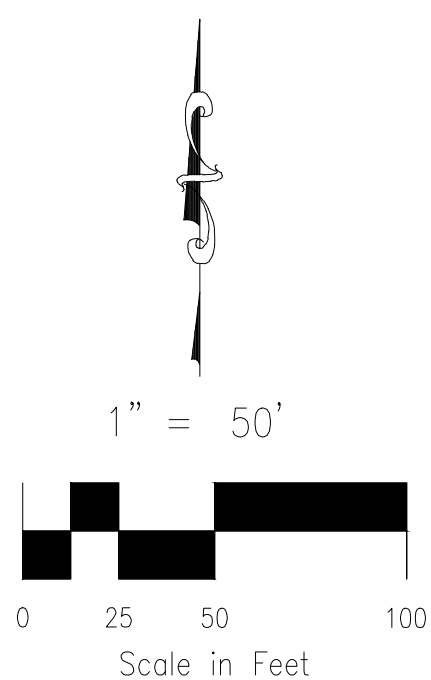
CENTERLINE LINE TABLE		
LINE	LENGTH	DIRECTION
L1	104.00'	N77°22'44"E
L2	125.98'	N89°41'23"E
L3	59.87'	S66°49'29"E

CENTERLINE CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
C1	200.00'	42.97'	12°18'39"
C2	50.00'	20.50'	23°29'08"

CURB FLOWLINE LINE TABLE		
LINE	LENGTH	DIRECTION
L4	82.77'	N89°41'23"E

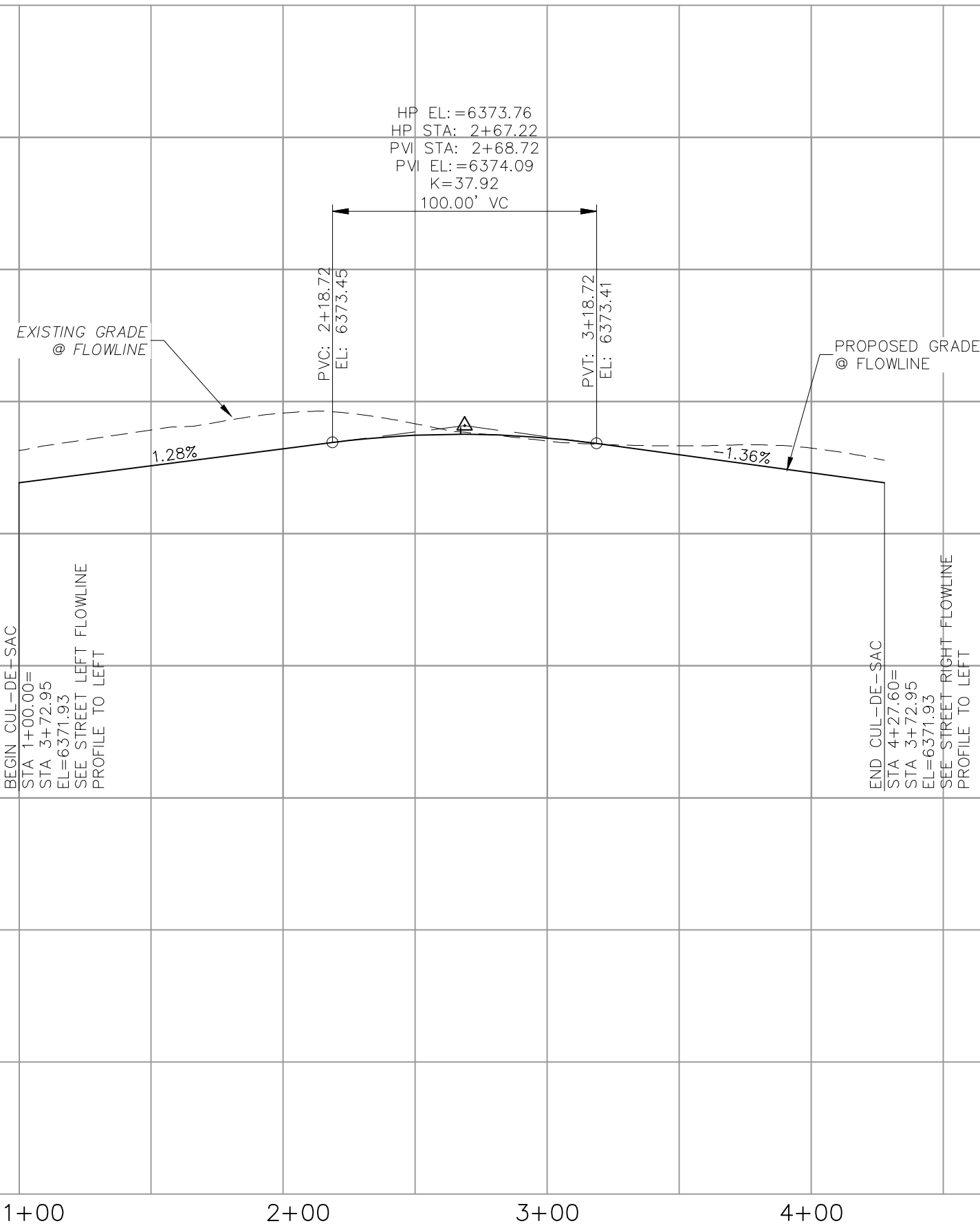
CURB FLOWLINE CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
C3	44.17'	191.30'	248°09'48"
C4	45.00'	53.54'	68°09'48"

CURB FLOWLINE CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
C5	52.00'	6.01'	6.62°
C6	298.83'	22.31'	4.28°
C7	216.17'	37.60'	9.97°
C8	98.83'	17.21'	9.98°
C9	52.00'	6.13'	6.76°
C10	183.83'	29.17'	9.09°
C11	1.00'	1.52'	86.88°
C12	1.00'	1.52'	86.88°



LEFT FLOWLINE

RIGHT FLOWLINE



CUL-DE-SAC STA 1+00.00 TO STA 4+27.60

EL PASO COUNTY FILE NO. PCD # SF-20-014

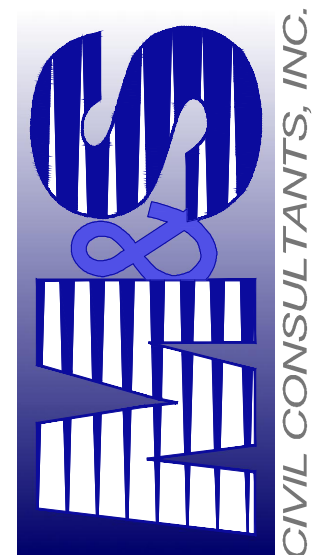


CLAREMONT BUSINESS PARK 2 FILING NO. 1

STREET IMPROVEMENT PLANS

PROJECT NO. 44-037	FILE: Yang\Const Dwg\Street & Storm Plans\S03.dwg	SCALE: 1"=50'	SHEET 3 OF 12	SIO3
DESIGNED BY: GW	DRAWN BY: CLP	CHECKED BY: VAS	DATE: 10/21/2020	

102 E. PIKES PEAK AVE. SUITE 500
COLORADO SPRINGS, CO 80903
PHONE: 719.555.5485



FOR AND ON
BEHALF OF
M&S CIVIL
CONSULTANTS,
INC.

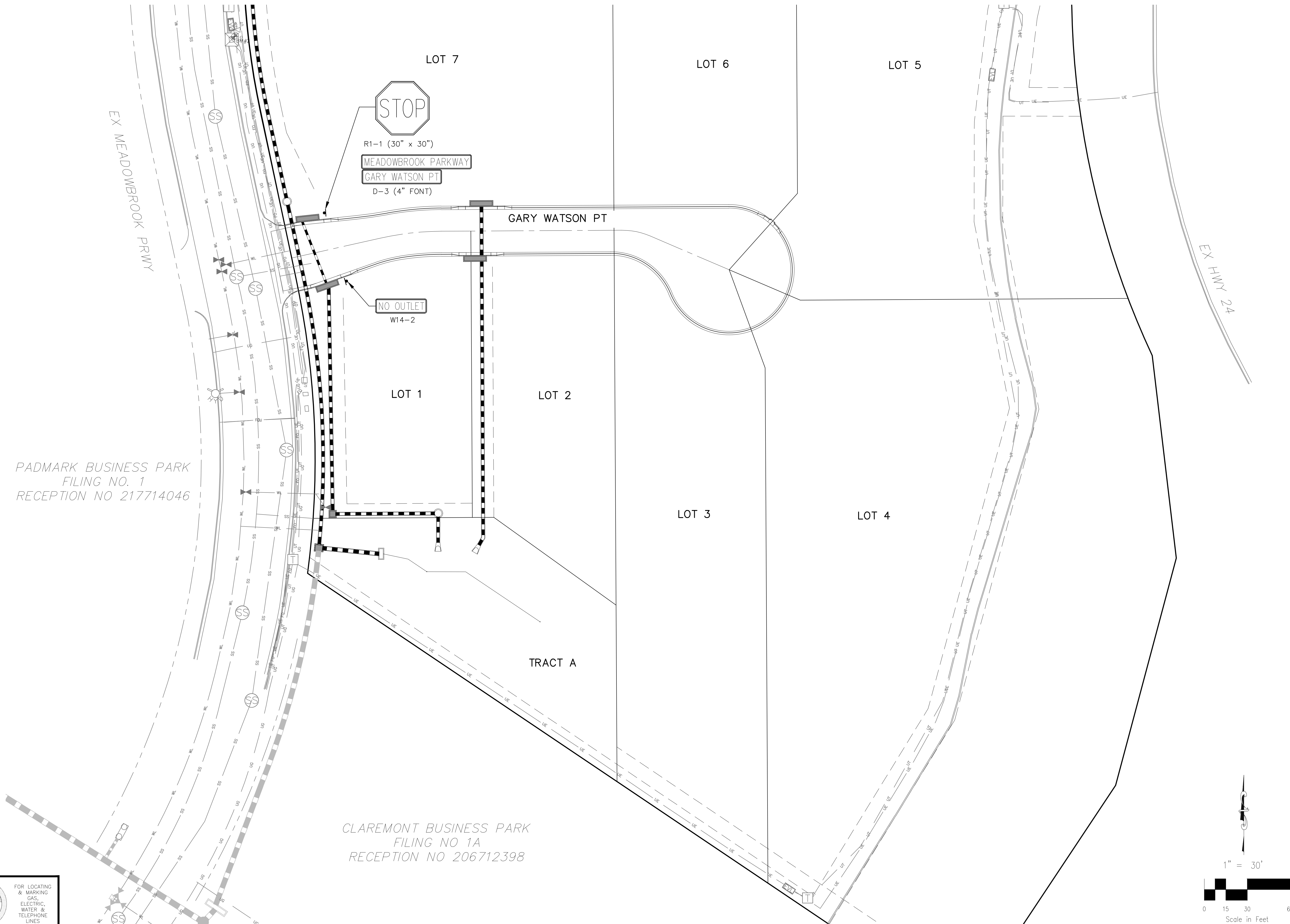
VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160



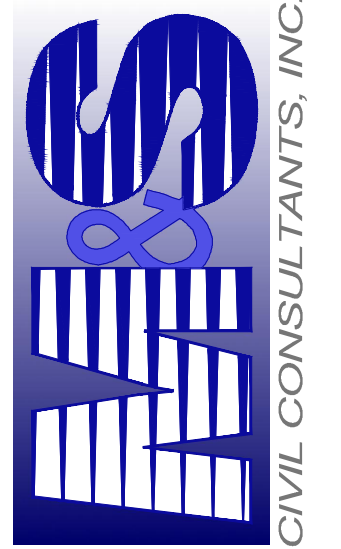
REVISIONS:	NO.	DATE:	BY:	DESCRIPTION:	APPROVED BY:	DATE:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

CAUTION

[illegible]

FOR AND ON
BEHALF OF
M&S CIVIL
CONSULTANTS,
INC.



102 E. PIKES PEAK AVE, SUITE 500
COLORADO SPRINGS, CO 80903
PHONE: 719.955.5485

CLAREMONT BUSINESS PARK 2 FILING NO. 1

SIGNAGE AND STRIPING PLAN

PROJECT NO. 44-037	SCALE:	DATE: 10/21/2020
DESIGNED BY: GW	HORIZONTAL:	
DRAWN BY: CLP	N/A	
CHECKED BY: VAS	VERTICAL:	SHEET 4 OF 12
	N/A	SI04

STANDARD CONSTRUCTION NOTES:

- ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
- CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIME INCLUDING THE FOLLOWING:
 - EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - CITY OF COLORADO SPRINGS/EL PASO COUNTY ENGINEERING CRITERIA MANUAL VOLUMES 1 AND 2.
 - COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARDS SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
 - CDOT M&S STANDARDS.
- IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ACCURACY SHOW EXISTING CONDITION BOTH ONSITE AND OFFSITE ON THE CONSTRUCTION PLANS. ANY MODIFICATION NECESSARY DUE TO CONFLICT OMISSIONS OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPERS RESPONSIBILITY TO RECTIFY.
- IT IS THE CONTRACTORS RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORM WATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, US ARMY CORPS OF ENGINEER ISSUED 401 AND/OR 404 PERMITS AND COUNTY AND STATE FUGITIVE DUST PERMITS.
- ANY TEMPORARY SIGNAGE AND STRIPING SHALL COMPLY WITH EL PASO COUNTY PCD AND MUTCD CRITERIA.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFFSITE DISTURBANCE GRADING, OR CONSTRUCTION.

STORM SEWER GENERAL NOTES

- ALL STATIONING IS ALONG STORM SEWER CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE INVERT UNLESS OTHERWISE INDICATED.
 - ALL STORM SEWER PIPE SHALL BE ADS "HP STORM" POLYPROPYLENE PIPE (ADS) WITH GASKETED WATERTIGHT COUPLERS UNLESS OTHERWISE NOTED.
 - ALL STORM SEWER BENDS, MANHOLES, AND WYES SHOWN ON THE PLANS SHALL BE PREFABRICATED. HORIZONTAL AND VERTICAL BENDS ARE INDICATED ON THE PLANS.
 - ALL CONNECTIONS BETWEEN DISSIMILAR MATERIALS (I.E. HP STORM PIPE AND CONCRETE STRUCTURES), SHALL BE WATER TIGHT. REFER TO ADS WATERSTOP STRUCTURE CONNECTION DETAILS (SEE THIS CONSTRUCTION SET) FOR ADDITIONAL INFORMATION.
 - THE CONTRACTOR SHOULD ATTEMPT TO LIMIT CONSTRUCTION TRAFFIC ATOP THE PROPOSED STORM SEWER INSTALLATION. AS PER THE MANUFACTURES RECOMMENDATIONS THE CONTRACTOR SHALL PROVIDE A MIN OF 12" OF COVER AT ALL TIMES ATOP THE BACKFILLED STORM SEWER TO TOP OF THE FINISHED GROUND OR BOTTOM OF FLEXIBLE PAVEMENT SURFACE TO PROTECT THE PIPE FROM H=25 VEHICULAR TRAFFIC. A MINIMUM OF 36" SHOULD BE PROVIDED TO PROTECT THE STORM SEWER FROM 30 T TO 60 T TRAFFIC AND MINIMUM OF 72" FOR TRAFFIC UP TO 78 T AXLE LOADS. FINAL GRADING SHOWN ON THE PLANS WILL PROHIBIT VEHICULAR TRAFFIC TO LOADS LESS THE H=25.
 - REFER TO THE DETAIL IN THIS CONSTRUCTION SET FOR PIPE TRENCH DETAILS AND PIPE SPECIFICATION.
- THE POLYPROPYLENE PIPE BEING INSTALLED POSSESS LESS MASS THAN RIGID PIPE MATERIALS AND MAY HAVE A TENDENCY TO SHIFT IN THE TRENCH DURING INSTALLATION. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL THE PRODUCT IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS AND TO MAINTAIN THE LINE AND GRADE SHOWN ON THE PLANS.
- THE MINIMUM COVER (TO PREVENT FLOTATION) FROM THE TOP OF PIPE TO THE FINISHED GRADE FOR THE POLYETHYLENE PIPE SHALL BE AS FOLLOWS: 48" ADS = 33", 42" ADS = 29", 36" ADS = 25", 30" ADS = 22", 24" ADS = 17", 18" ADS = 13".

STRUCTURAL CONCRETE NOTES:

- ALL CONSTRUCTION INVOLVING THE PLACEMENT OF STRUCTURAL CONCRETE SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD SPECIFICATIONS, AND AS SUPPLEMENTED BY THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION.
- STEEL REINFORCING SHALL BE GRADE 60 FOR ALL REINFORCING STEEL GREATER THAN #4. SPLICING, LAP SPLICING SHALL BE MINIMUM IN THE FOLLOWING TABLE UNLESS OTHERWISE SPECIFIED:

BAR SIZE	#4	#5	#6	#7	#8
SPLICE LENGTH	1'-9"	2'-2"	2'-7"	3'-4"	4'-3"

ALL REINFORCING SHALL HAVE A 2-INCH MINIMUM COVER UNLESS OTHERWISE SPECIFIED. ALL REINFORCED STEEL TO BE EPOXY COATED.
- CAS-IN-PLACE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (fc) OF 4,000 PSI AT 28 DAYS. ALL CONCRETE PLACED AGAINST SOIL SHALL BE TYPE II PORTLAND CEMENT. ALL EXPOSED CORNERS SHALL BE FORMED WITH A 3/4" CHAMFER UNLESS OTHERWISE SPECIFIED.
- EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M-213.
- BACKFILL AGAINST STRUCTURES SHALL NOT COMMENCE UNTIL ALL SUPPORTING DIAPHRAGMS ARE IN PLACE AND CONCRETE HAS OBTAINED ITS FULL SEVEN DAY STRENGTH. BACKFILL SHALL BE PLACED EQUALLY ON EACH SIDE OF RETAINING WALL STRUCTURES AND CUTOFF WALLS UNTIL THE FINAL GRADE IS REACHED.
- FOOTING EXCAVATIONS SHALL BE EXAMINED BY THE GEOTECHNICAL ENGINEER WITH A 24-HOUR MINIMUM NOTIFICATION FOR SOIL AND/OR CONCRETE TESTING. PLACEMENT OF CONCRETE IN THE ABSENCE OF TESTING SHALL BE COMPLETED AT THE SOLE RISK OF THE CONTRACTOR.
- PRIOR TO THE PLACEMENT OF CONCRETE IN AREAS WHERE SOIL IS PRESENT, THE SOIL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 6-INCHES. THE MOISTURE CONTENT SHALL BE ADJUSTED TO WITHIN PLUS OR MINUS 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT AND RECOMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION (AASHTO-T-180).

ABBREVIATIONS
EC -- EPOXY COATED O.F. -- OUTSIDE FACE E.F. -- EACH FACE E.W. -- EACH WAY I.F. -- INSIDE FACE N.F. -- NEAR FACE
T.O.C. -- TOP OF CONCRETE B.O.C. -- BOTTOM OF CONCRETE CONT. -- CONTINUOUS



CLAREMONT BUSINESS PARK 2 FILING NO. 1

GENERAL NOTES AND DETAILS

PROJECT NO. 44-037 FILE: Yang\Const Dwg\Storm - District\ST01.dwg

DESIGNED BY: GW CLP DRAWN BY: N/A CHECKED BY: VAS

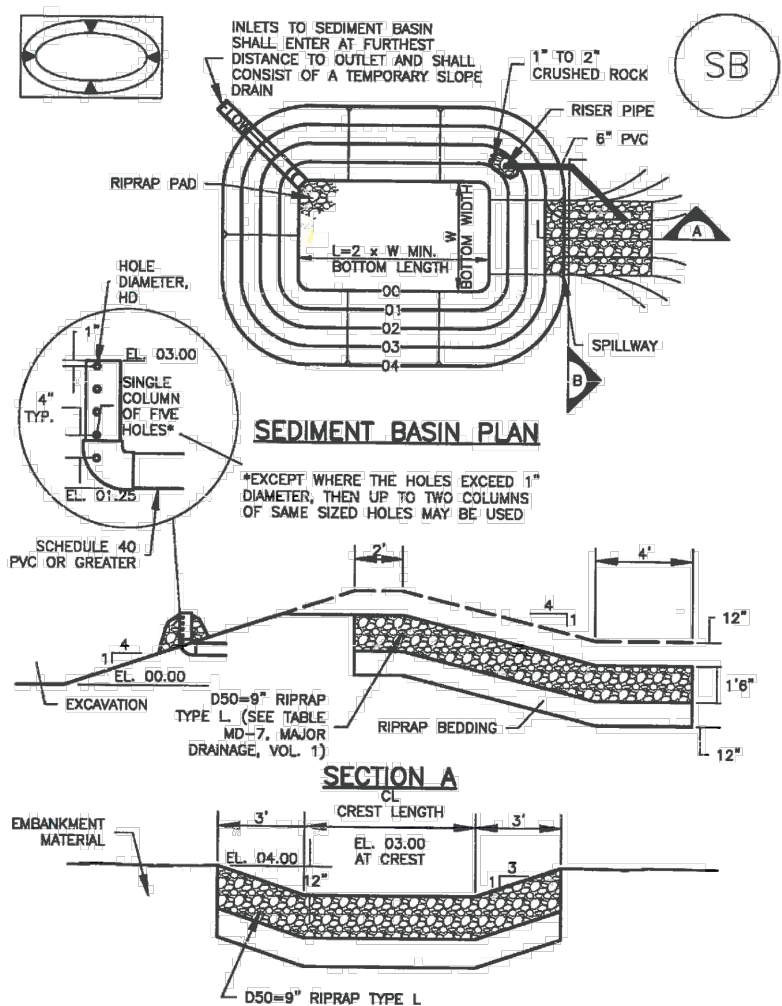
DATE: 10/15/2020

SHEET 5 OF 12

ST01

Sediment Basin (SB)

SC-7



August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SB-3

SC-7

Sediment Basin (SB)

Basin Diameter (ft)	Basin Bottom Width (ft)	Spillway Crest Length (ft)	Basin Diameter (ft)
2	12 1/2	3	18
4	24	6	36
6	36	9	54
8	48	12	72
10	60	15	90
12	72	18	108
14	84	21	126
16	96	24	144
18	108	27	162
20	120	30	180

- SEDIMENT BASIN INSTALLATION NOTES
- SEE PLAN VIEW FOR:
 - LOCATION OF SEDIMENT BASIN
 - TYPE OF BASIN (STANDARD BASIN OR NONSTANDARD BASIN)
 - FOR STANDARD BASIN, BOTTOM WIDTH W, CREST LENGTH L, AND HOLE DIAMETER, H, IN
 - FOR NONSTANDARD BASIN, SEE CONSTRUCTION DRAWINGS FOR BASIN INCLUDING RISEN HEIGHT H, HOLE DIAMETER H, AND PIPE DIAMETER D
 - FOR STANDARD BASIN, BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED
 - SEDIMENT BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER LAND-DISTURBING ACTIVITY THAT RELIES ON BASINS AS A STORMWATER CONTROL
 - EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3 INCHES AND SHALL HAVE A MAXIMUM OF 15 PERCENT BY WEIGHT PASSING THE NO. 200 SIEVE
 - EMBANKMENT MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698
 - PIPE SCH 40 OR GREATER SHALL BE USED
 - THE DETAILS SHOWN ON THESE SHEETS PERTAIN TO STANDARD SEDIMENT BASINS FOR DRAINAGE AREAS LESS THAN 15 ACRES. SEE CONSTRUCTION DRAWINGS FOR EMBANKMENT, STORAGE VOLUME, SPILLWAY, OUTLET, AND OUTLET PROTECTION DETAILS FOR ANY SEDIMENT BASINS THAT HAVE BEEN INDIVIDUALLY DESIGNED FOR DRAINAGE AREAS LARGER THAN 15 ACRES

SB-6 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 August 2013

Material and Performance Specification Sheet

SC150 Erosion Control Blanket

The extended-term double net erosion control blanket shall be a machine-produced mat of 70% agricultural straw and 30% coconut fiber with a functional longevity of up to 24 months. (NOTE: Functional longevity may vary depending upon climatic conditions, soil, geographical location, and shall be covered on the top side with a heavyweight photodegradable polypropylene netting having ultraviolet additives to delay breakdown and an approximate 0.93 x 0.93 (1.9 x 1.9 cm) mesh, and on the bottom side with a lightweight photodegradable polypropylene netting with an approximate 1.50 x 0.50 in (1.27 x 1.27 cm) mesh. The blanket shall be seven (7) layers (1.50 inch (3.81 cm) overall with degradable trim).

The SC150 shall meet requirements established by the Erosion Control Technology Council (ECTC) Specification and the US Department of Transportation, Federal Highway Administration's (FHWA) Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FPD-03 Section 713.17 as a type 3.B Extended-term Erosion Control Blanket.

The SC150 is also available with the DOT System™, which consists of installation staple patterns clearly marked on the erosion control blanket with environmentally safe paint. The blanket shall be manufactured with a colored thread stitched along both outer edges (approximately 2-3 inches (5-12.5 cm) from the edge) as an overlap guide for adjacent mats.

Matrix	70% Straw Fiber	30% Coconut Fiber
Weight	6.87 lb (2.00 m)	16.8 lb (4.87 m)
Length	108 ft (32.92 m)	108 ft (32.92 m)
Weight ± 10%	44 lbs (19.95 kg)	105.8 lbs (47.9 kg)
Area	60.9 yd² (69.3 m²)	192 yd² (165.5 m²)

SC150 is available in the following standard roll sizes:

Width	6.87 ft (2.00 m)	16.8 ft (4.87 m)
Length	108 ft (32.92 m)	108 ft (32.92 m)
Weight ± 10%	44 lbs (19.95 kg)	105.8 lbs (47.9 kg)
Area	60.9 yd² (69.3 m²)	192 yd² (165.5 m²)

Index Value Properties:

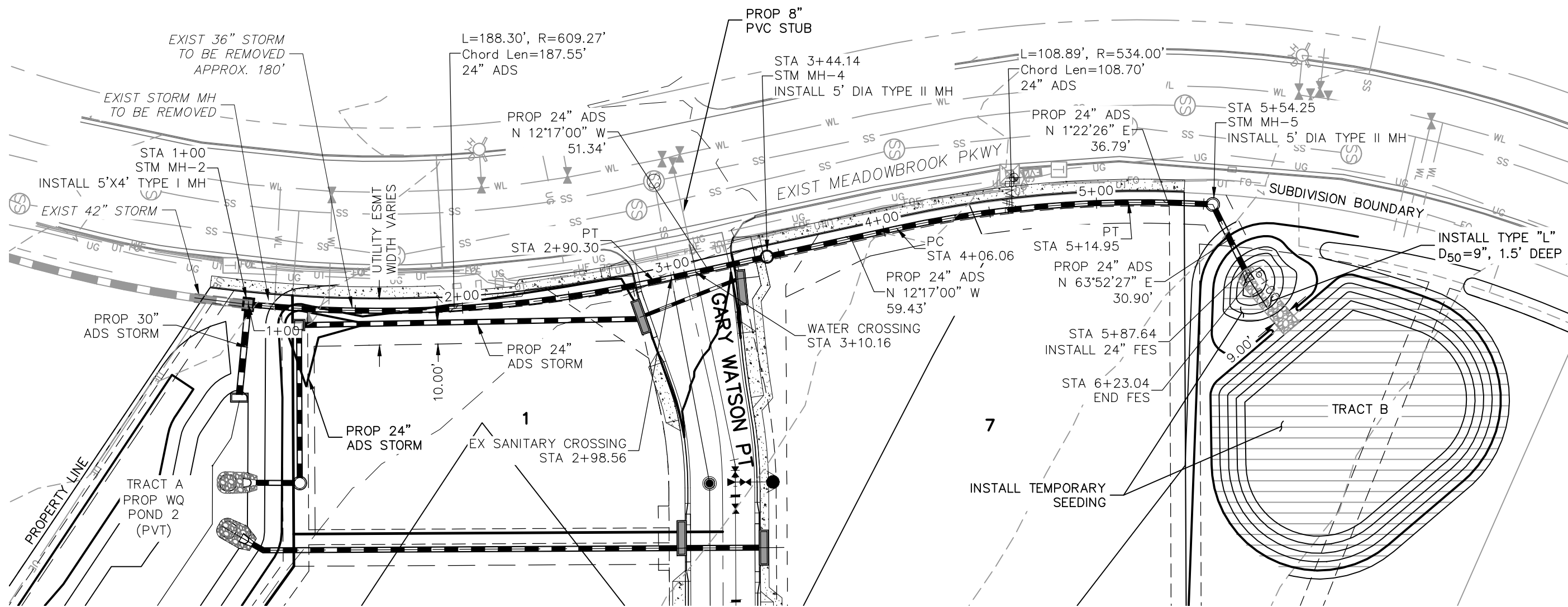
Property	Test Method	Typical
Thickness	ASTM D6025	0.39 in (9.91 mm)
Resiliency	ECTC Guidelines	75%
Water Absorbency	ASTM D1117	265%
Mass/roll Area	ASTM D615	11.44 oz/yd² (388 g/m²)
Swal	ECTC Guidelines	30%
Smaller Resistance	ECTC Guidelines	Yes
Stiffness	ASTM D1368	1.11 inch
Light Penetration	ECTC Guidelines	8.7%
Tensile Strength-MD	ASTM D6816	146.5 lb/ft (2.17 kN/m)
Elongation - MD	ASTM D6816	26.9%
Tensile Strength-TD	ASTM D6816	147.6 lb/ft (2.19 kN/m)
Elongation - TD	ASTM D6816	26.2%

Performance Design Values:

Property	Test Method	Typical
Maximum Permissible Shear Stress	ASTM D1117	2.00 lb/ft² (96 Pa)
Unvegetated Shear Stress	ASTM D1117	2.00 lb/ft² (96 Pa)
Unvegetated Velocity	ASTM D1117	8.00 ft/s (2.44 m/s)

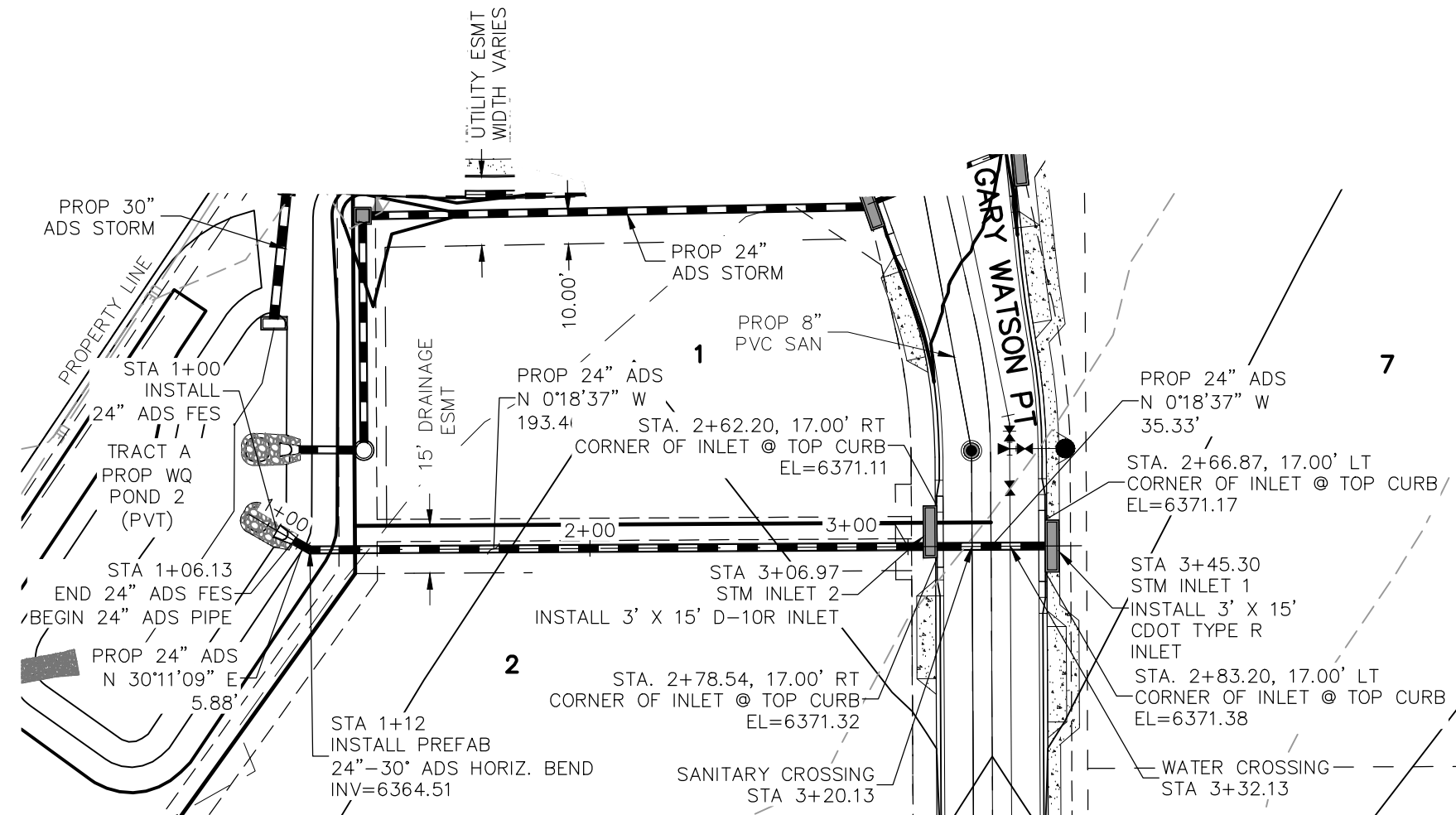
Slope Design Data: C Factors

Slope Length (L)	C Factor
≤ 31	0.31
31 - 61	0.31
61 - 91	0.31
91 - 121	0.31
121 - 151	0.31
151 - 181	0.31
181 - 211	0.31
211 - 241	0.31
241 - 271	0.31
271 - 301	0.31
301 - 331	0.31
331 - 361	0.31
361 - 391	0.31
391 - 421	0.31
421 - 451	0.31
451 - 481	0.31
481 - 511	0.31
511 - 541	0.31
541 - 571	0.31
571 - 601	0.31
601 - 631	0.31
631 - 661	0.31
661 - 691	0.31
691 - 721	0.31
721 - 751	0.31
751 - 781	0.31
781 - 811	0.31
811 - 841	0.31
841 - 871	0.31
871 - 901	0.31
901 - 931	0.31
931 - 961	0.31
961 - 991	0.31
991 - 1021	0.31
1021 - 1051	0.31
1051 - 1081	0.31
1081 - 1111	0.31
1111 - 1141	0.31
1141 - 1171	0.31
1171 - 1201	0.31
1201 - 1231	0.31
1231 - 1261	0.31
1261 - 1291	0.31
1291 - 1321	0.31
1321 - 1351	0.31
1351 - 1381	0.31
1381 - 1411	0.31
1411 - 1441	0.31
1441 - 1471	0.31
1471 - 1501	0.31
1501 - 1531	0.31
1531 - 1561	0.31
1561 - 1591	0.31
1591 - 1621	0.31
1621 - 1651	0.31
1651 - 1681	0.31
1681 - 1711	0.31
1711 - 1741	0.31
1741 - 1771	0.31
1771 - 1801	0.31
1801 - 1831	0.31
1831 - 1861	0.31
1861 - 1891	0.31
1891 - 1921	0.31
1921 - 1951	0.31
1951 - 1981	0.31
1981 - 2011	0.31
2011 - 2041	0.31
2041 - 2071	0.31
2071 - 2101	0.31
2101 - 2131	0.31
2131 - 2161	0.31
2161 - 2191	0.31
2191 - 2221	0.31
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2251 - 2281	0.31
2281 - 2311	0.31
2311 - 2341	0.31
2341 - 2371	0.31
2371 - 2401	0.31
2401 - 2431	0.31
2431 - 2461	0.31
2461 - 2491	0.31
2491 - 2521	0.31
2521 - 2551	0.31
2551 - 2581	0.31
2581 - 2611	0.31
2611 - 2641	0.31
2641 - 2671	0.31
2671 - 2701	0.31
2701 - 2731	0.31
2731 - 2761	0.31
2761 - 2791	0.31
2791 - 2821	0.31
2821 - 2851	0.31
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2941 - 2971	0.31
2971 - 3001	0.31
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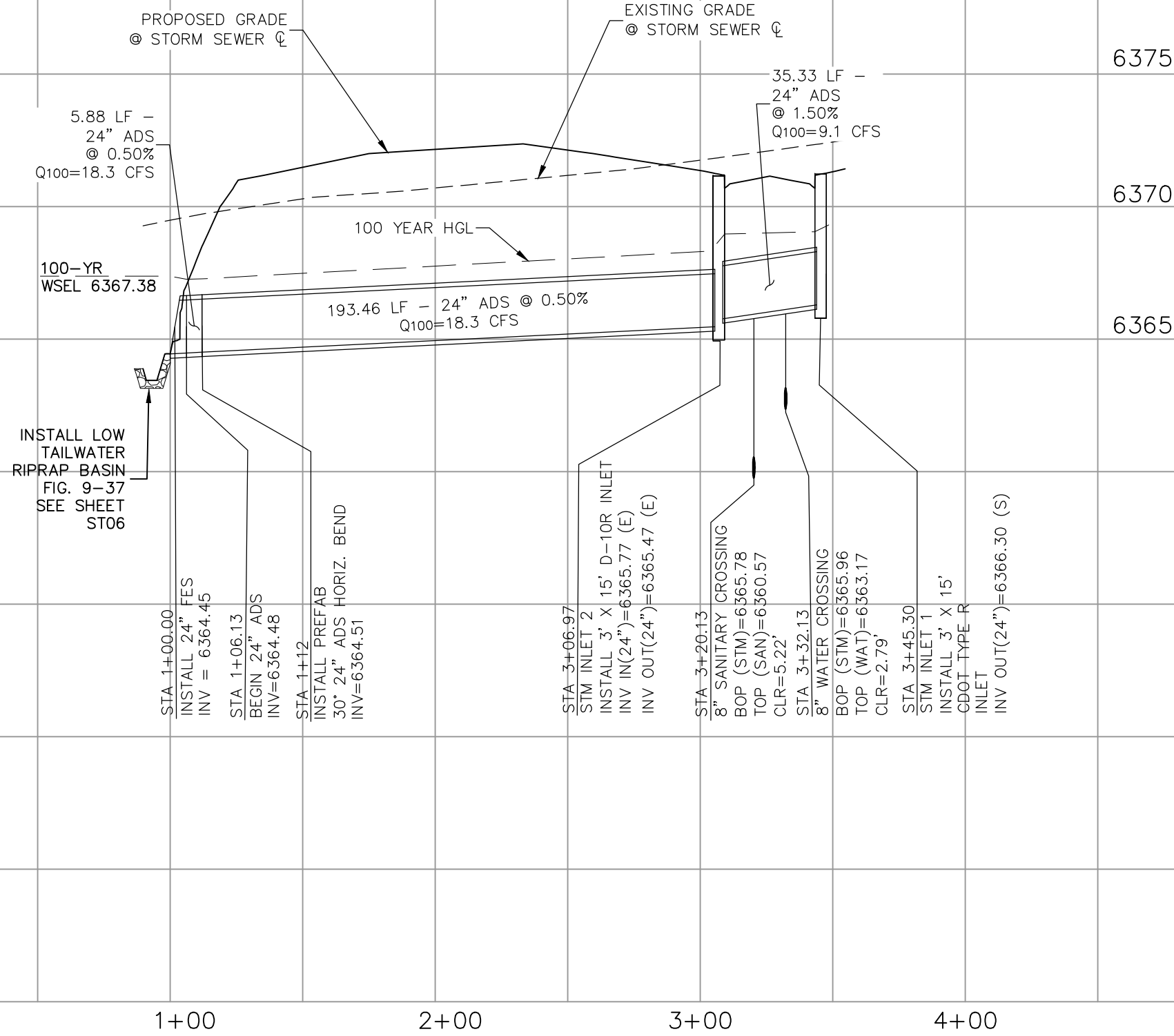
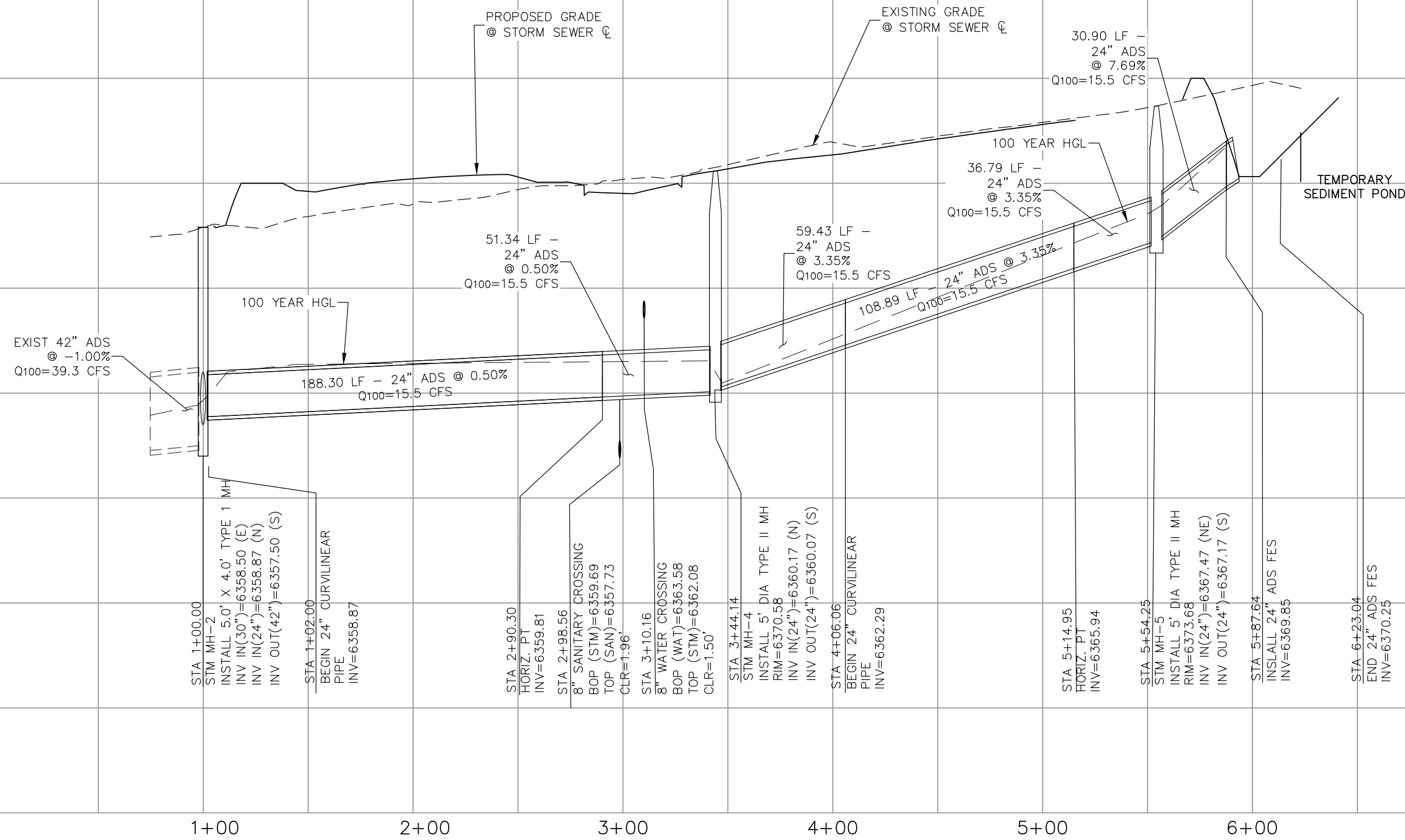
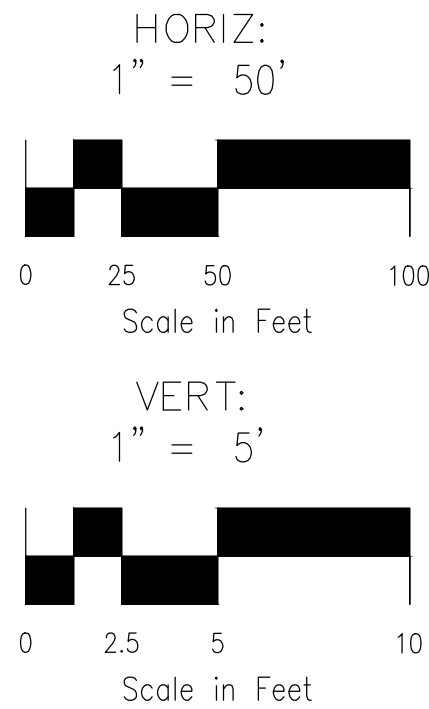


STORM 5
STA 1+00.00 TO STA 5+92.88
(PRIVATE)

NOTE:
STORM 7 BETWEEN STATIONS 1+06.13 AND 3+06.97
SHALL HAVE GASKETED, WATERTIGHT JOINTS AND
ADHERE TO PERFORMANCE STANDARDS PER ASTM D3212.



STORM 7
STA 1+00.00 TO STA 3+45.30
(PRIVATE)

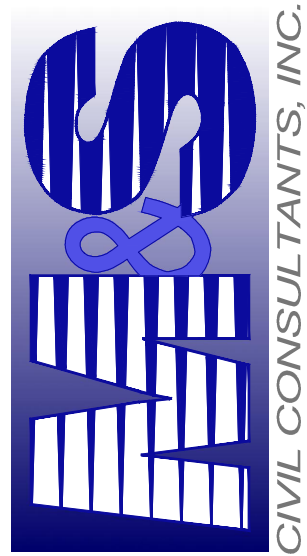


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CLAREMONT BUSINESS PARK 2 FILING NO. 1	
STORM SEWER PLAN & PROFILE	
PROJECT NO. 44-037	DATE: 10/15/2020
DESIGNED BY: GW	SCALE: HORIZONTAL: 1"=50' VERTICAL: 1"=5'
DRAWN BY: CLP	SHEET 6 OF 12
CHECKED BY: VAS	ST02

102 E. Pikes Peak Ave., Ste 500
Colorado Springs, CO 80903
PHONE: 719.555.5485



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INC.

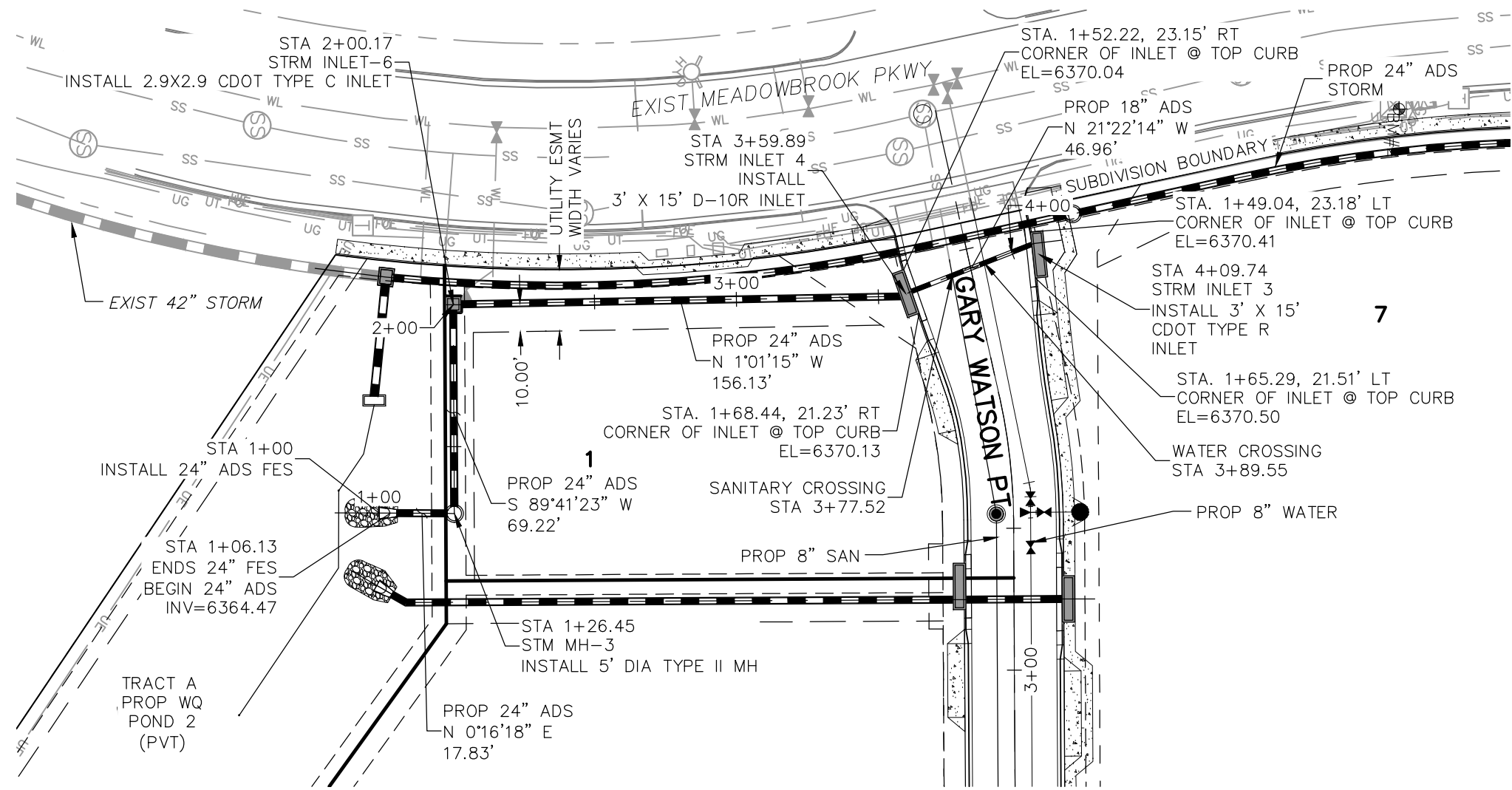
VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160



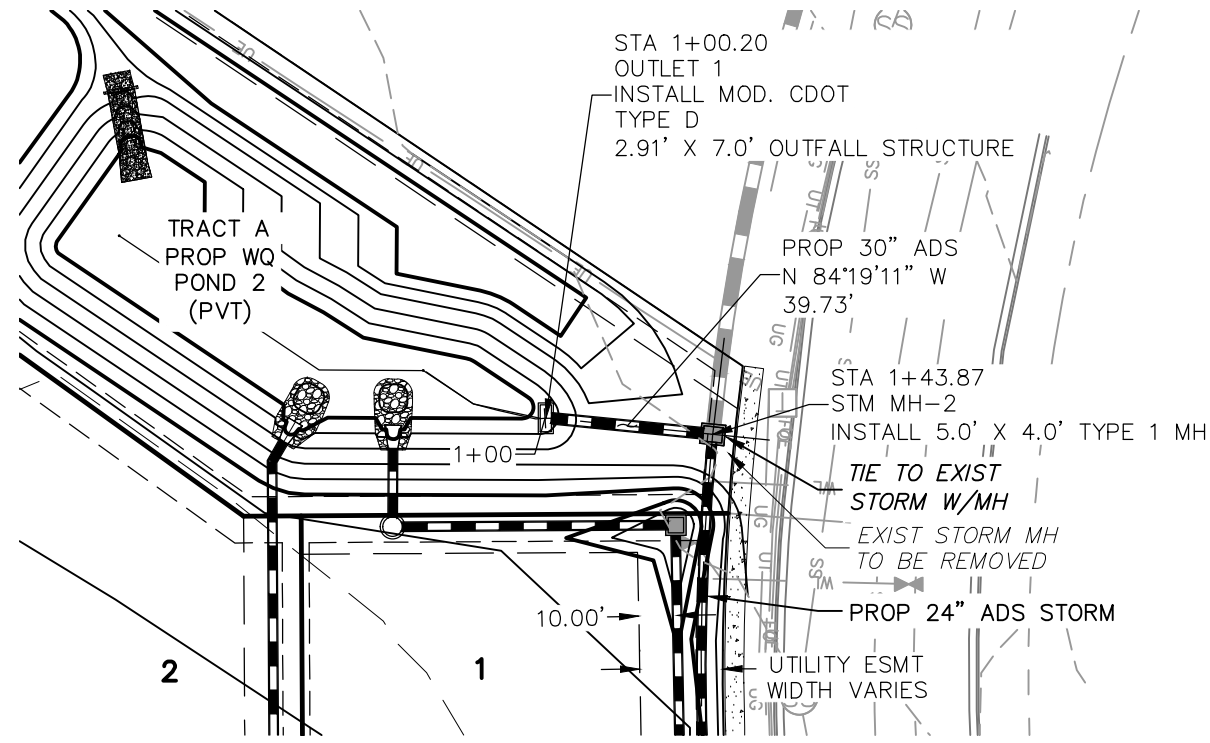
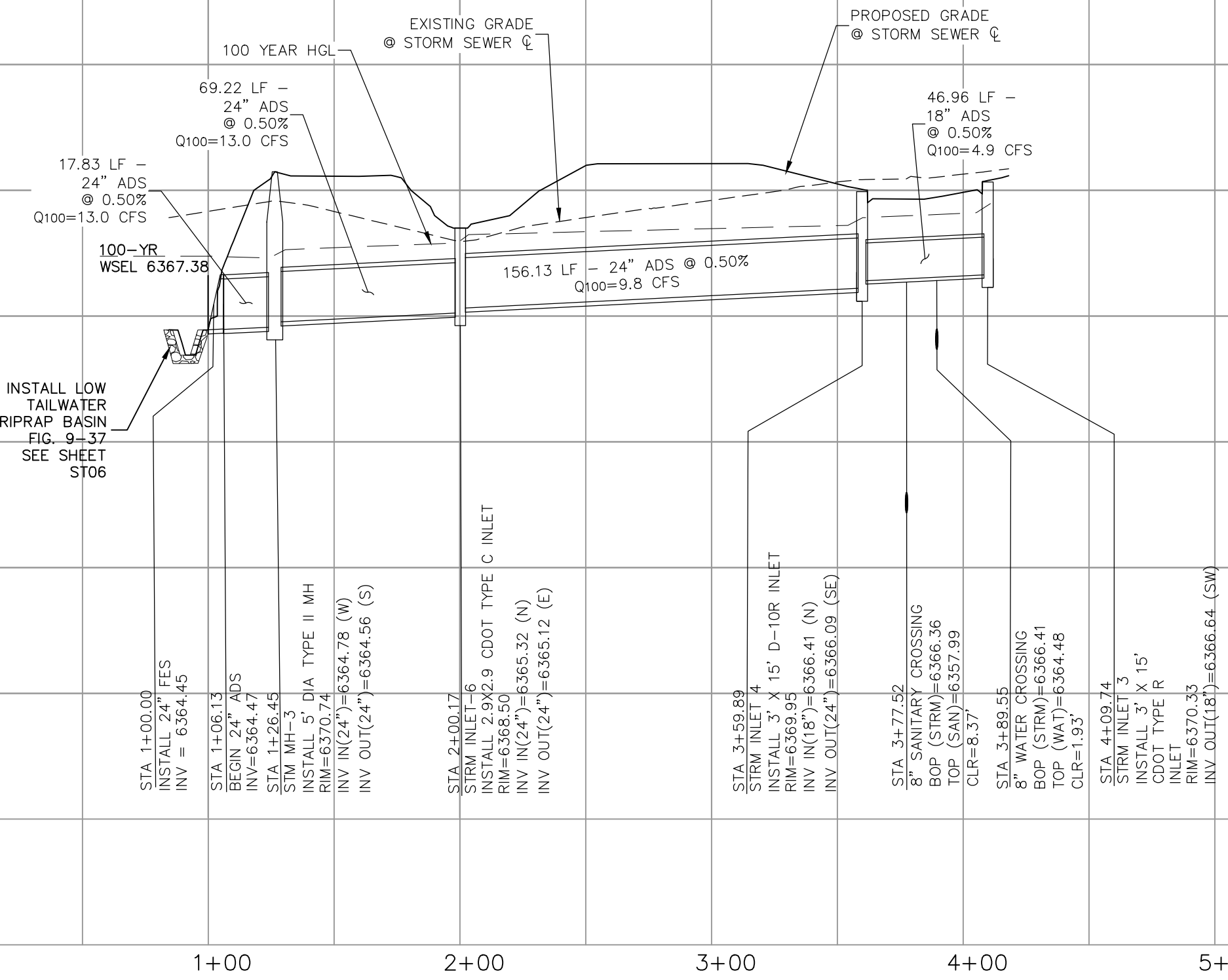
REVISIONS: NO. DATE: BY: DESCRIPTION: APPROVED BY: DATE:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE, OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

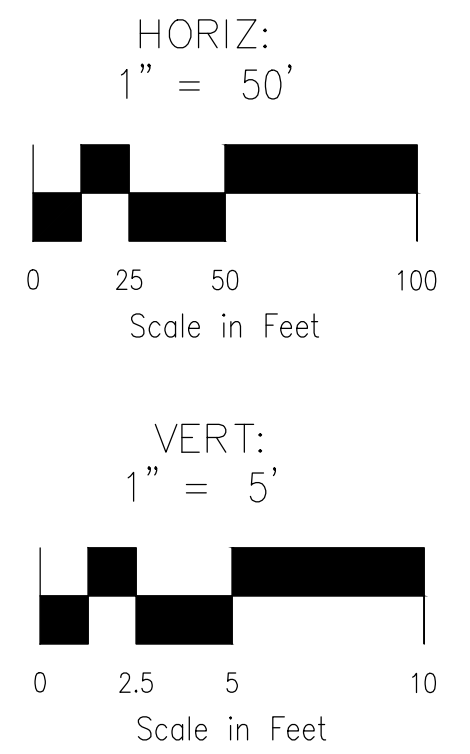
CAUTION



STORM 10
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(PRIVATE)



STORM 11
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(PRIVATE)



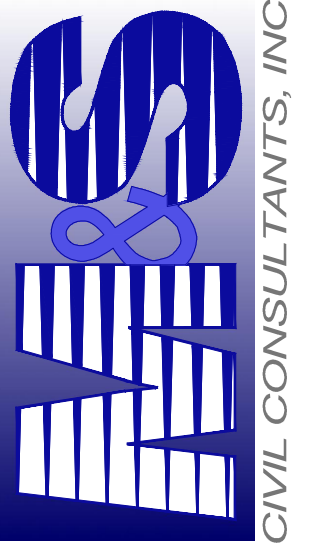
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STORM SEWER PLAN AND PROFILE

PROJECT NO. 44-037	SCALE: HORIZONTAL	DATE: 10/15/2020
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ST03

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COLORADO SPRINGS, CO 80903
PHONE: 719.955.5485



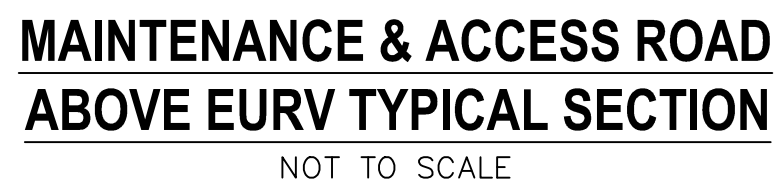
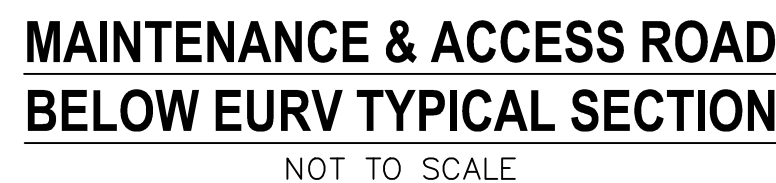
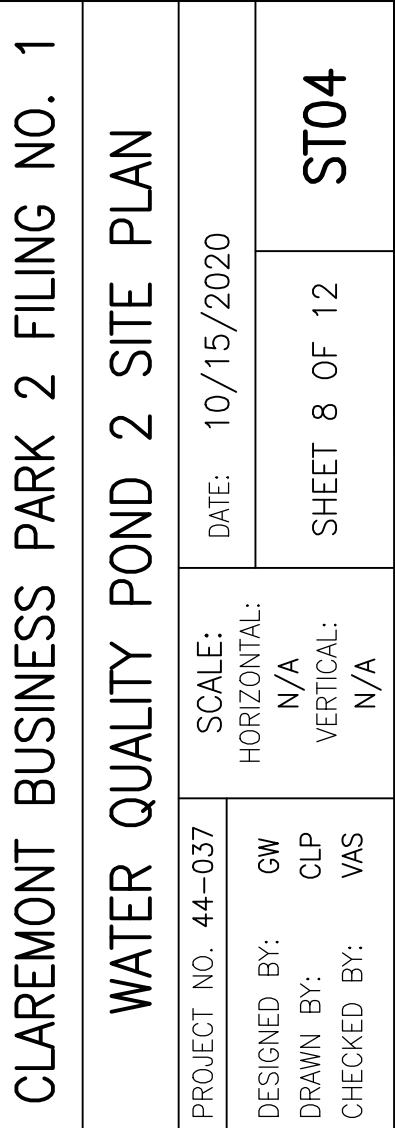
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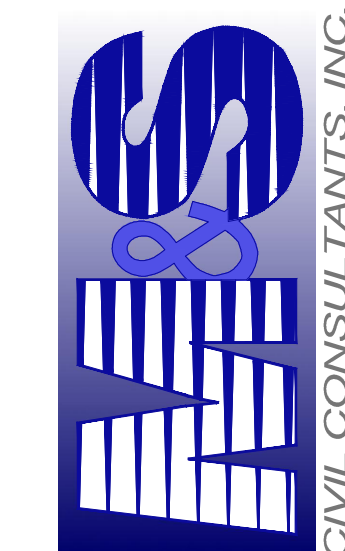
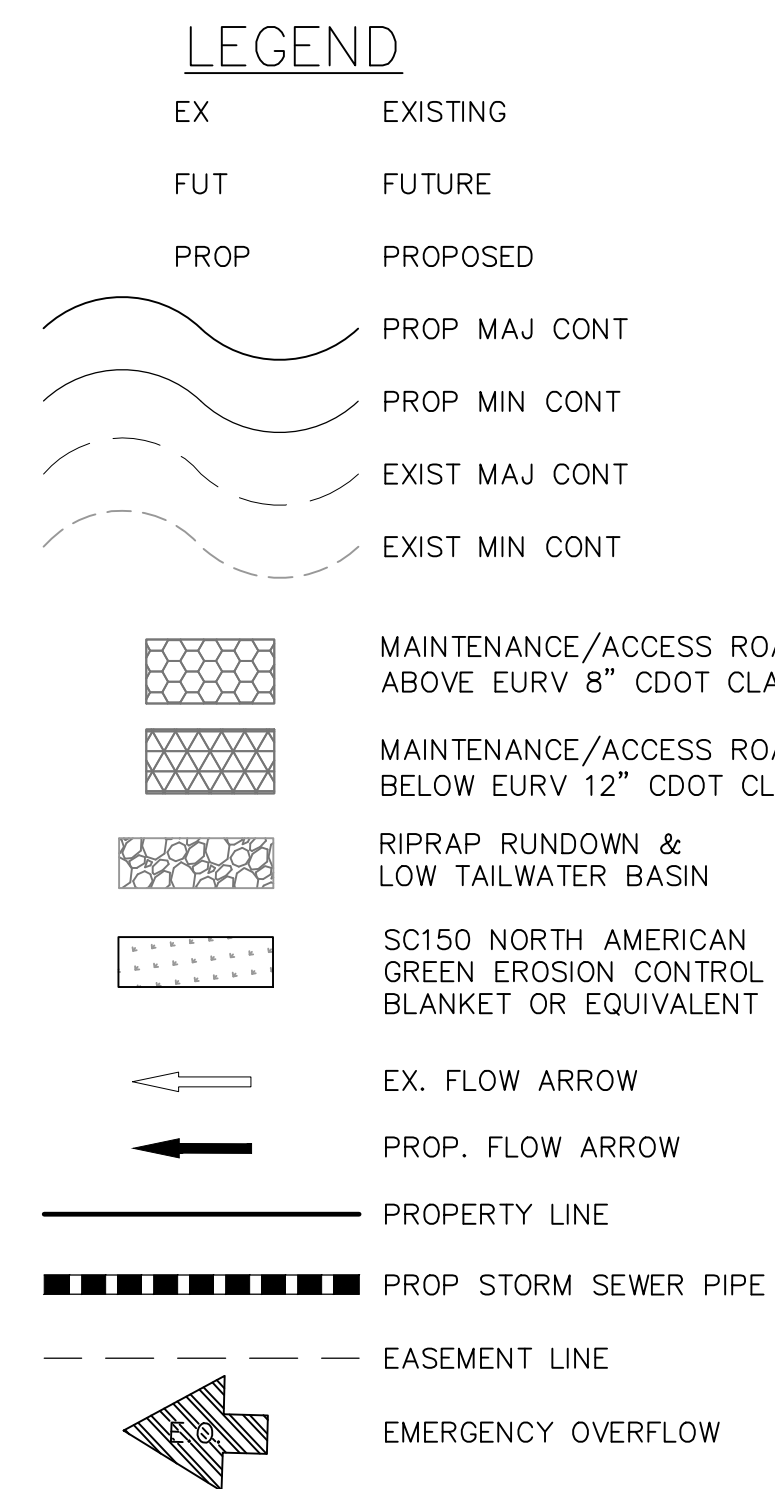
VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160

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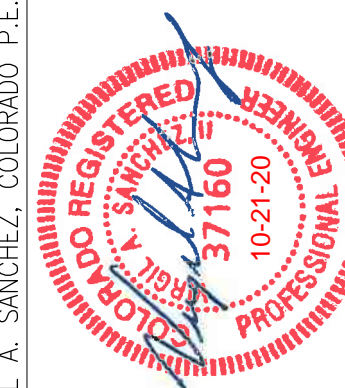
EL PASO COUNTY FILE NO. PCD # SF-20-014



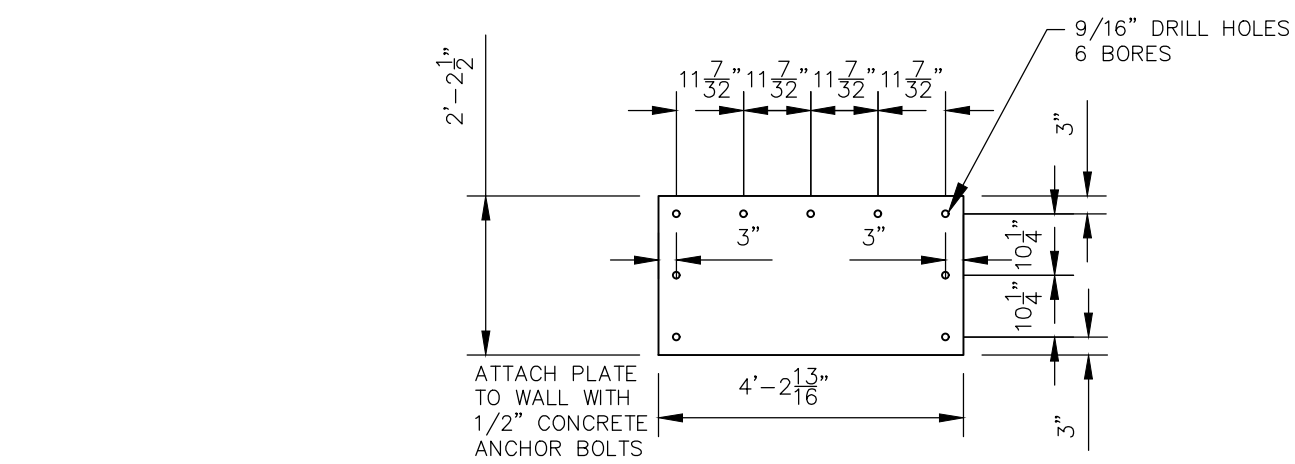
1. ALL PROPOSED CONDITIONS ARE TO FINISHED GRADE.
2. EARTHEN CUT AND FILL SLOPES SHALL BE 3:1.
3. SLOPES IN EXCESS OF 3:1 SHALL BE PROTECTED WITH EROSION CONTROL MATS COVERED WITH EROSION CONTROL BLANKET OVER 4" MIN. THICKNESS OF TOPSOIL AND SEEDED.
4. IF THE PROJECT IS CONSTRUCTED DURING THE SUMMER WHEN SEEDING IS NOT ALLOWED, APPLY 1-1/2 TONS OF CERTIFIED WEE FREE MULCH PER ACRE. MECHANICALLY CRUMPED INTO THE SOIL IN COMBINATION WITH AN ORGANIC MULCH TACKIFIER.
5. PRIOR TO ANY CONSTRUCTION ACTIVITIES THE PROPOSED SILT FENCE SHALL BE CONSTRUCTED. EROSION CONTROL SHEET SHALL BE CONSTRUCTED. THE FENCE SHALL BE REMOVED UPON THE LATER OF STABILIZATION OF THE SITE OR COMPLETION OF CONSTRUCTION.
6. TO REDUCE THE POTENTIAL FOR LOGGING OF DEBRIS GRATES, NO STRAW MULCH SHALL BE USED WITHIN THE PROPOSED WORK AREA OF THE SLOPES. EROSION CONTROL EROSION CONTROL BLANKETS SHALL BE INSTALLED FOR A WIDTH OF AT LEAST 6 FEET ON EITHER SIDE OF THE PROPOSED LOW-FLOW CHANNEL. ALL ACTIVITIES SHALL COMPLY WITH THE MATERIALS AND INSTALLATION REQUIREMENTS FOR EROSION CONTROL BLANKETS (STRAW COCONUT OR 100 PERCENT COCONUT).
7. THE SPECIFIC CONDITIONS MAY REQUIRE ADDITIONAL BLANKET OR OTHER EROSION CONTROL MEASURES.



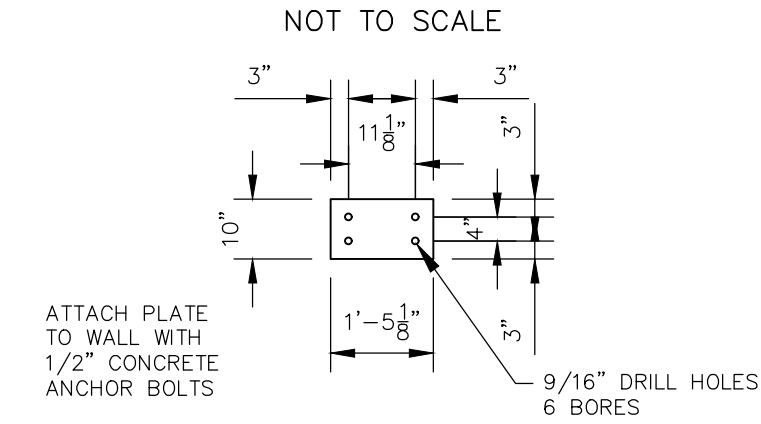
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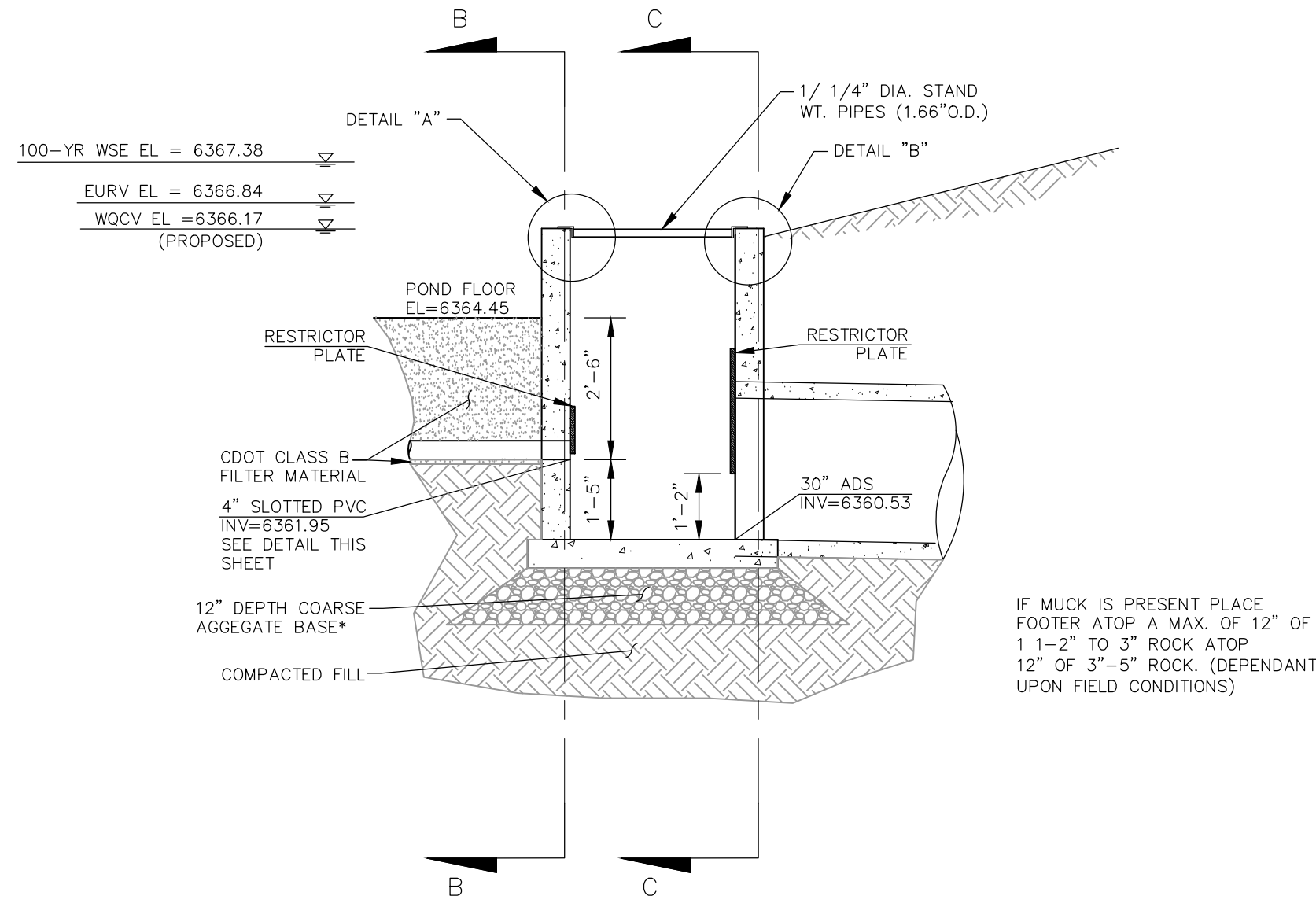
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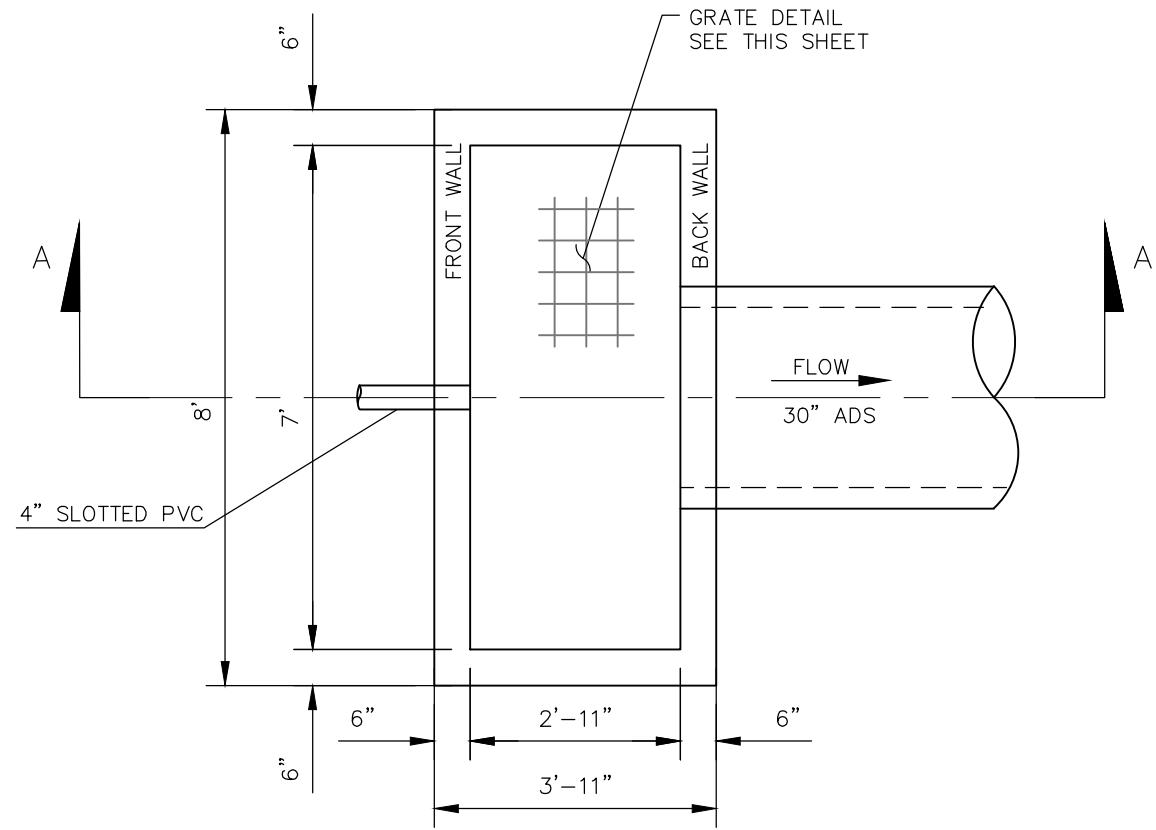
RESTRICTOR PLATE~30"
OUTFALL PIPE



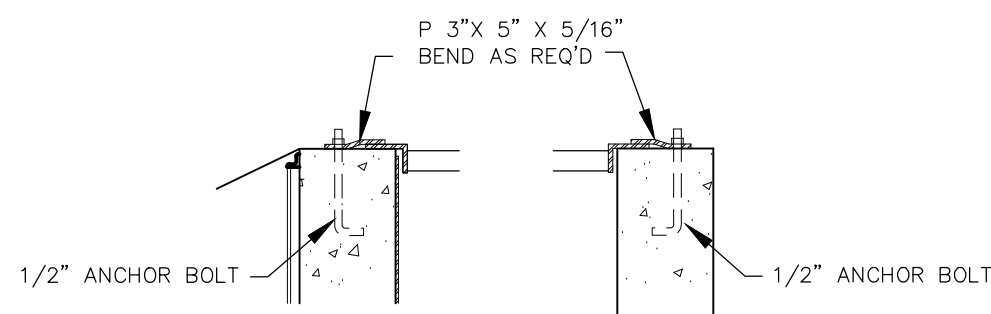
RESTRICTOR PLATE~4" UNDERDRAIN



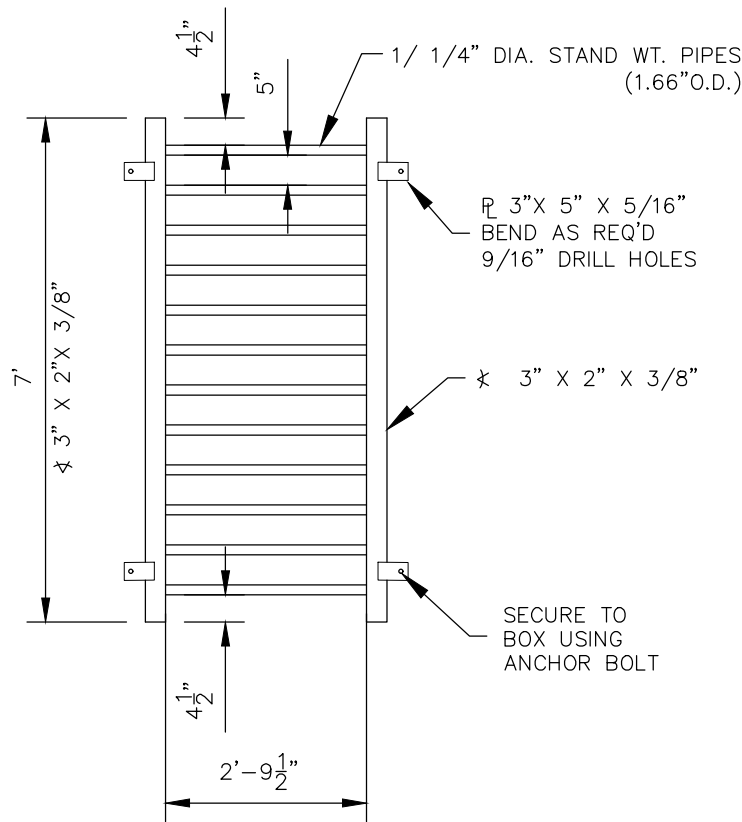
SECTION A-A
NOT TO SCALE



POND 2 WATER QUALITY OUTLET STRUCTURE
NOT TO SCALE



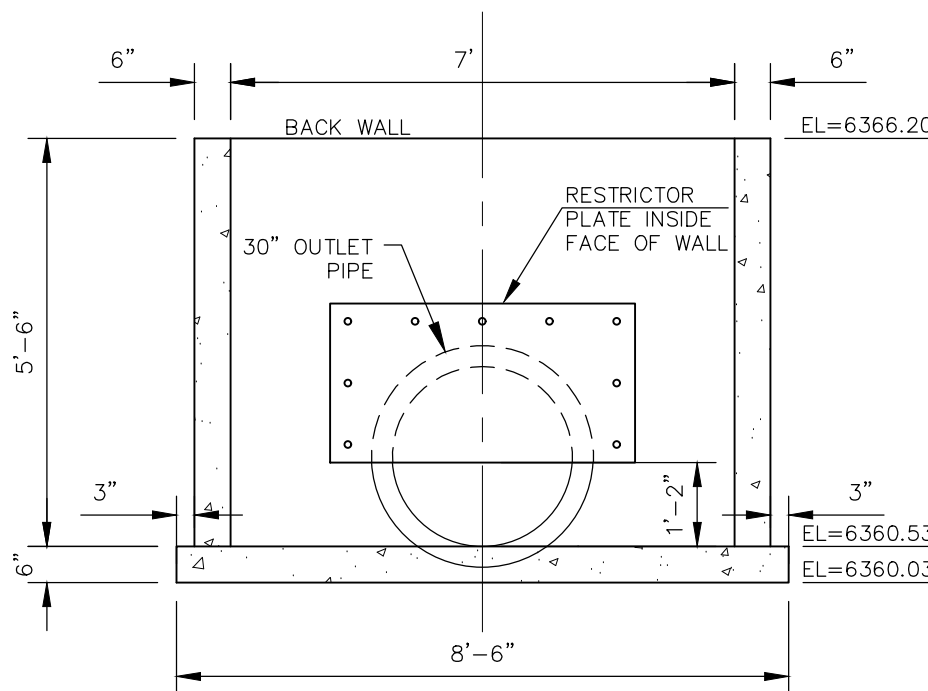
GRATE
DETAIL "A" GRATE
DETAIL "B"



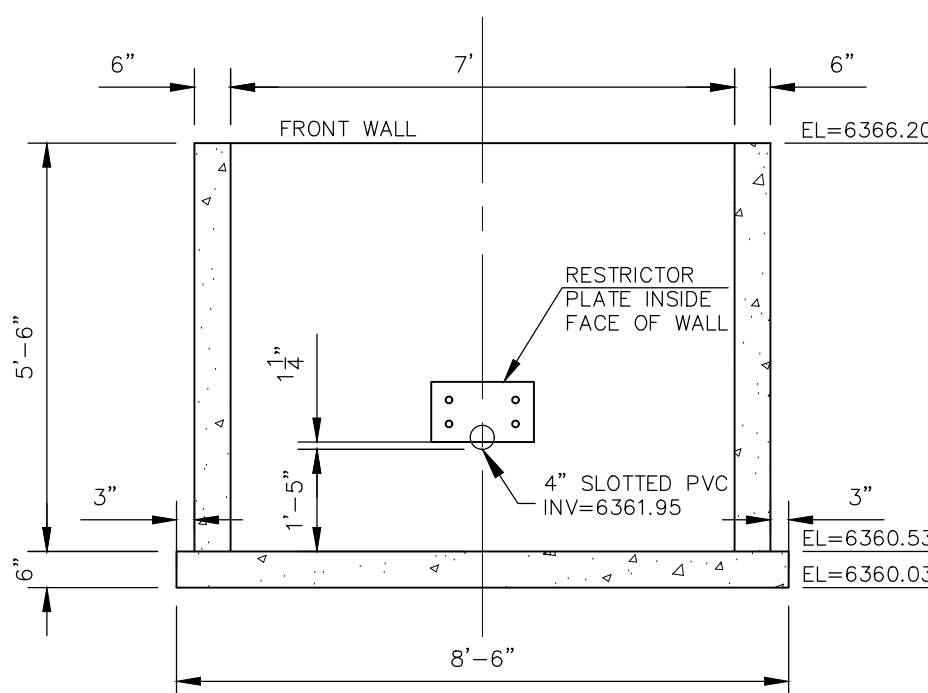
GRATE PLAN
NOT TO SCALE

NOTE:
ALL GRATES,
IMBEDS, AND
FASTENERS SHALL
BE FABRICATED
USING GALVANIZED
STEEL, UNLESS
OTHERWISE NOTED.

ALL GRATE
DIMENSIONS TO BE
FIELD VERIFIED
PRIOR TO
FABRICATION. ALL
GRATE MATERIAL
SHALL BE
GALVANIZED.



SECTION C-C BACK WALL
NOT TO SCALE



SECTION B-B FRONT WALL
NOT TO SCALE

Table SF-1. Gradation specifications for CDOT Class B or C filter material
(Source: CDOT Table 703-7)

Sieve Size	CDOT Class B filter material	CDOT Class C filter material
	Mass Percent Passing Square Mesh Sieves	
37.5 mm (1.5")	100	
19.0 mm (0.75")		100
4.75 mm (No.4)	20-60	60-100
1.18 mm (No. 16)	10-30	
300 um (No. 50)	0-10	10-30
150 um (No. 100)		0-10
75 um (No. 200)	0-3	0-3

Table SF-2. Dimensions for Slotted Pipe¹

Pipe Size	Slot Length	Maximum Slot Width	Slot Centers	Open Area (per foot)
4"	1-1/16"	0.032"	0.413"	1.90 in ²
6"	1-3/8"	0.032"	0.516"	1.98 in ²

¹ Pipe must conform to requirements of ASTM designation F949. There shall be no evidence of splitting, cracking, or breaking when the pipe is tested per ASTM test method D2412 in accordance with F949 section 7.5 and ASTM F794 section 8.5. Contech A-2000 slotted pipe (or equal).

T-6

Sand Filter

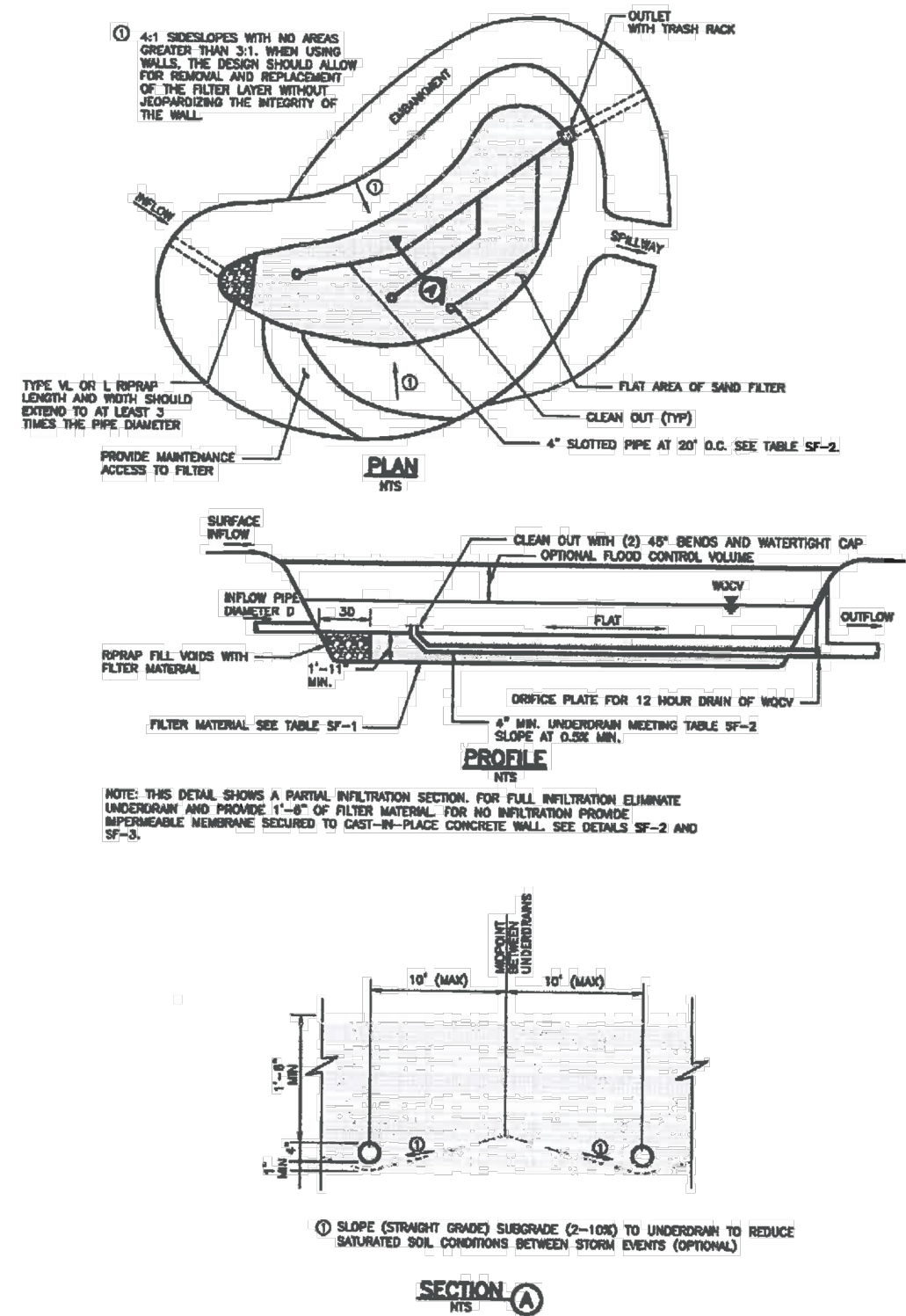
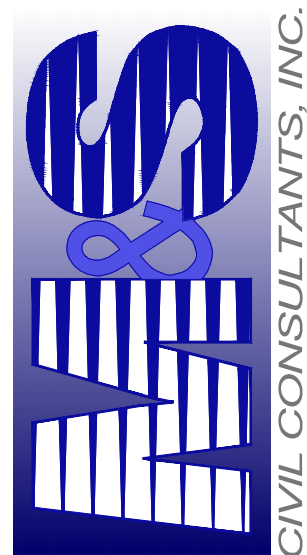


Figure SF-1. Sand Filter Plan and Sections
SF-8 Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3 November 2015

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Colorado Springs, CO 80903
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MICHEL A. SANCHEZ, COLORADO P.E. NO. 37160

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BEHALF OF
M&S CIVIL
CONSULTANTS,
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REVISIONS: NO. DATE: BY: DESCRIPTION: APPROVED BY: DATE:

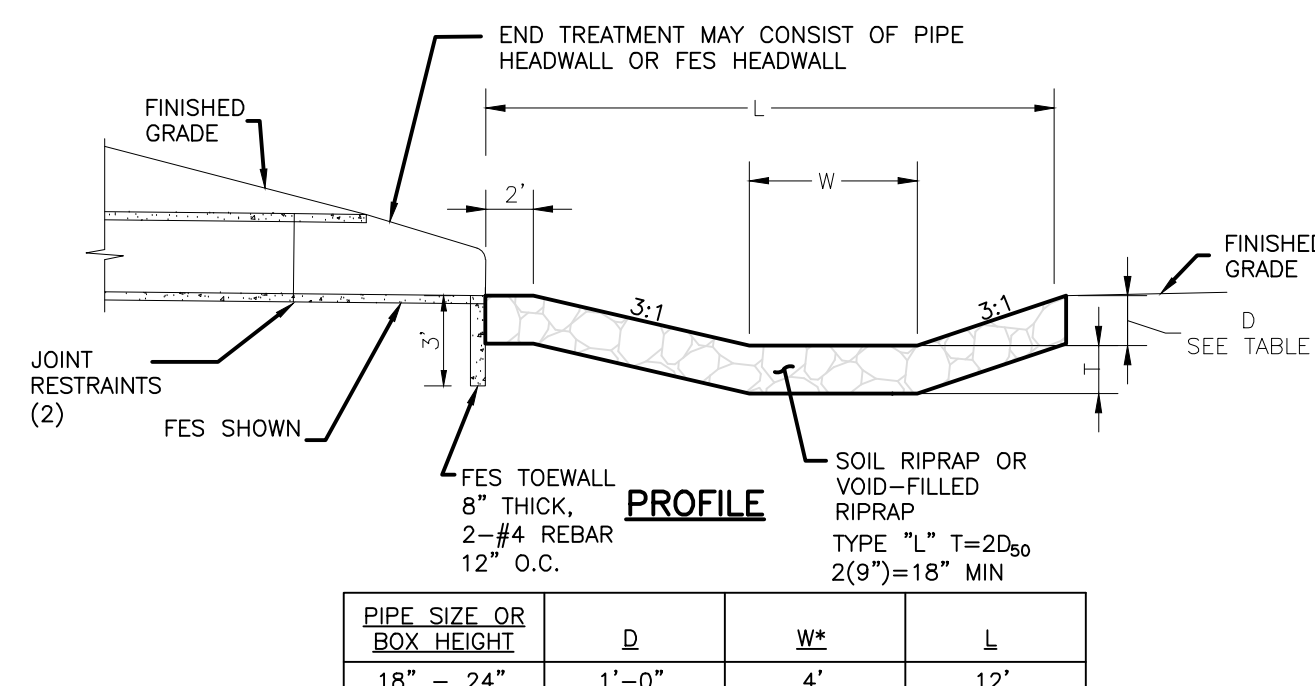
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CAUTION

LEGEND

EX	EXISTING
FUT	FUTURE
PROP	PROPOSED
	PROP MAJ CONT
	PROP MIN CONT
	EXIST MAJ CONT
	EXIST MIN CONT
	RIPRAP

	SC150 NORTH AMERICAN GREEN EROSION CONTROL BLANKET OR EQUIVALENT
	EX. FLOW ARROW
	PROP. FLOW ARROW
	PROPERTY LINE
	PROP STORM SEWER PIPE
	EASEMENT LINE



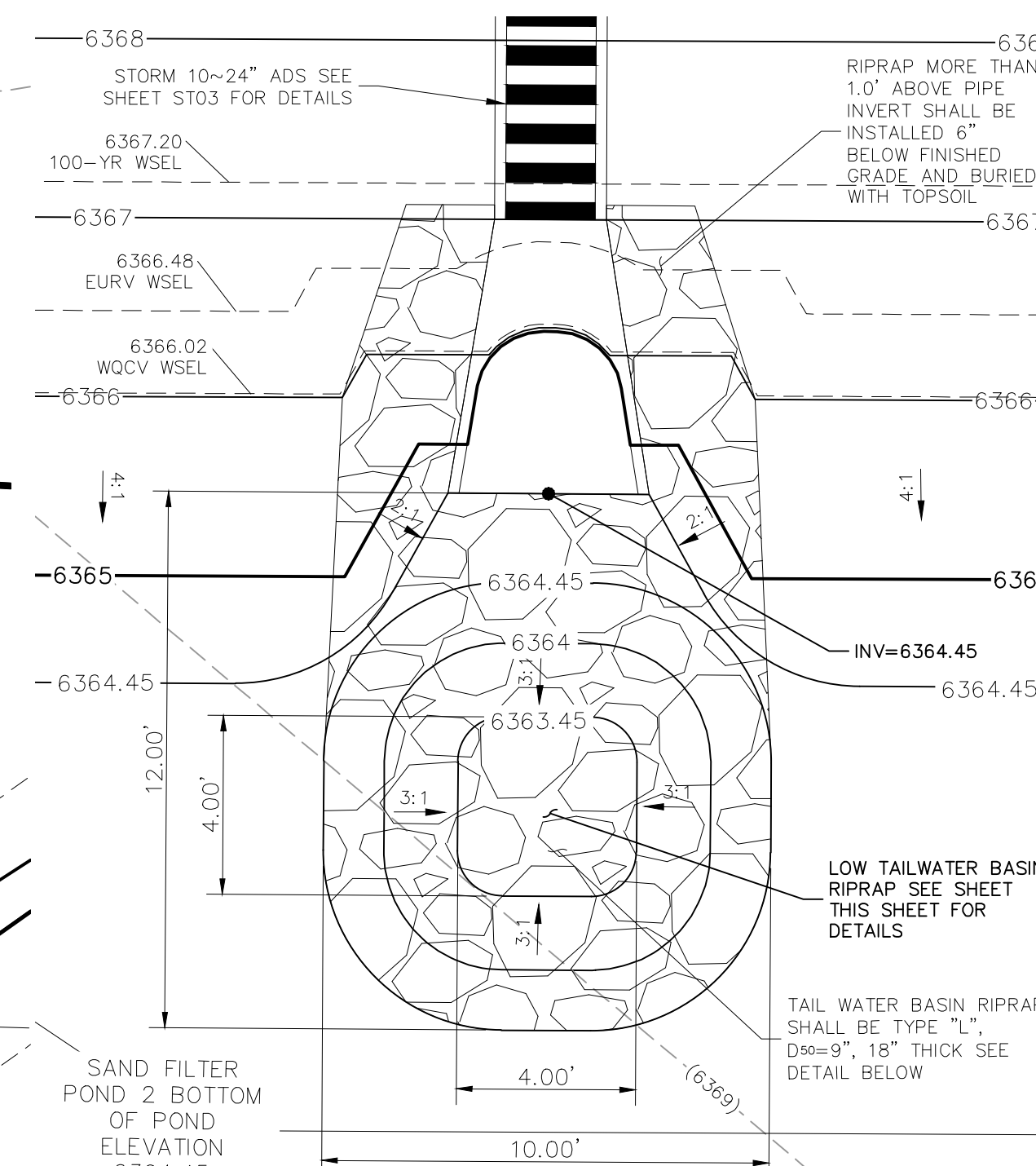
LOW TAILWATER RIPRAP BASIN FIG. 9-37

NOT TO SCALE

FUTURE COMMERCIAL CENTER

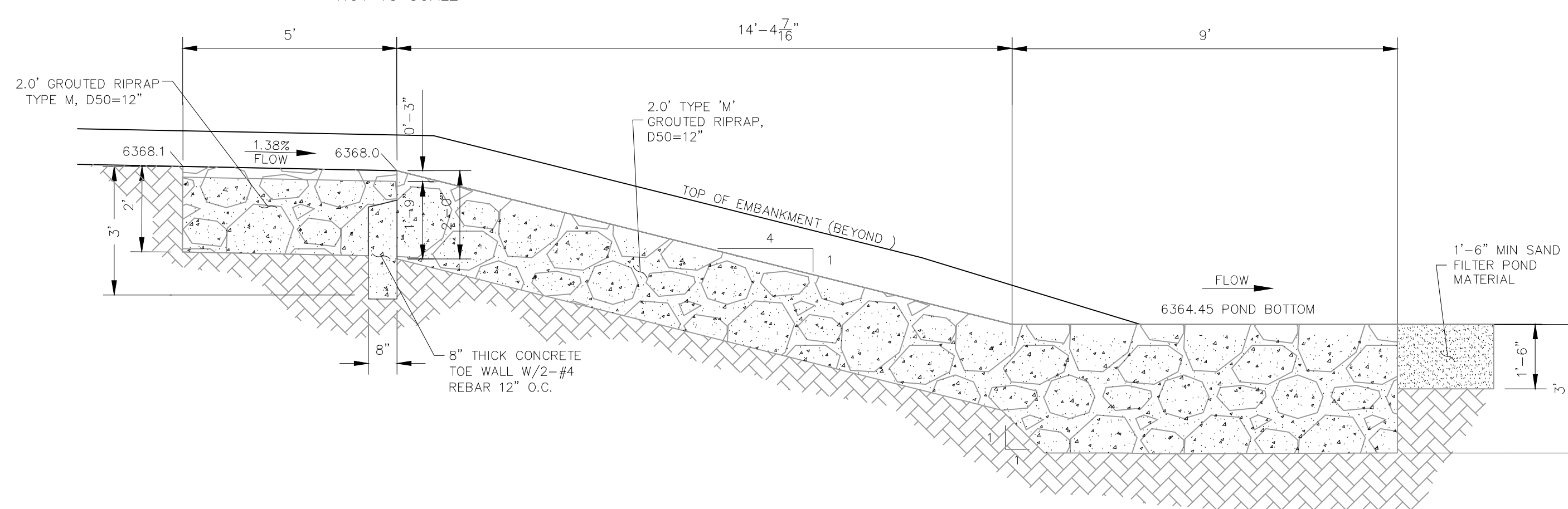
STORM 7 OUTFALL

NOT TO SCALE



STORM 10 OUTFALL

NOT TO SCALE

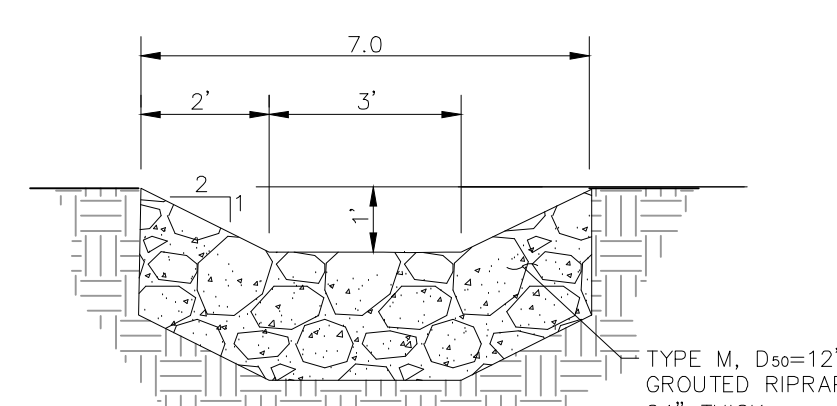


SECTION B-B RIPRAP RUNDOWN

NOT TO SCALE

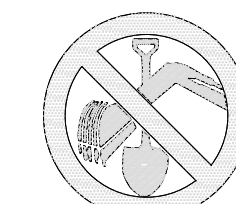
RIPRAP RUNDOWN

NOT TO SCALE



SECTION A-A
RIPRAP RUNDOWN

NOT TO SCALE



FOR BURIED UTILITY INFORMATION
48 HRS BEFORE YOU DIG
CALL 1-800-922-1987

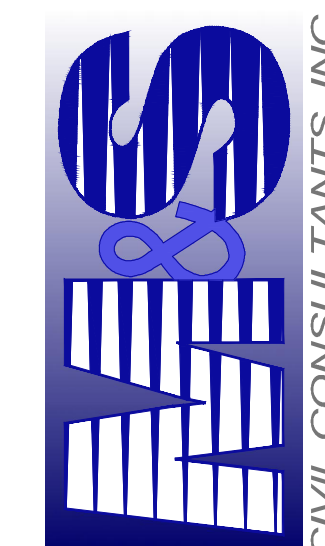
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WATER QUALITY POND 2 DETAILS & TSB

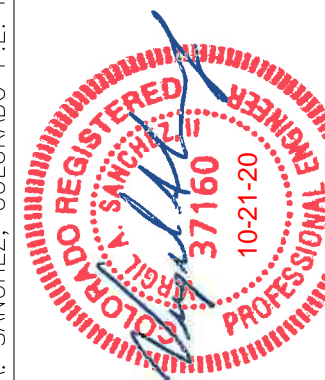
PROJECT NO. 44-037	SCALE:	DATE: 08/19/2020
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DESIGNED BY: GW	N/A	SHEET 10 OF 12
DRAWN BY: CLP	VERTICAL:	

02 E. PIKES PEAK AVE., STE 500
COLORADO SPRINGS, CO 80903
PHONE: 719.955.5485



IRGII A SANCHEZ COLORADO PE NO 37160



REVISIONS:

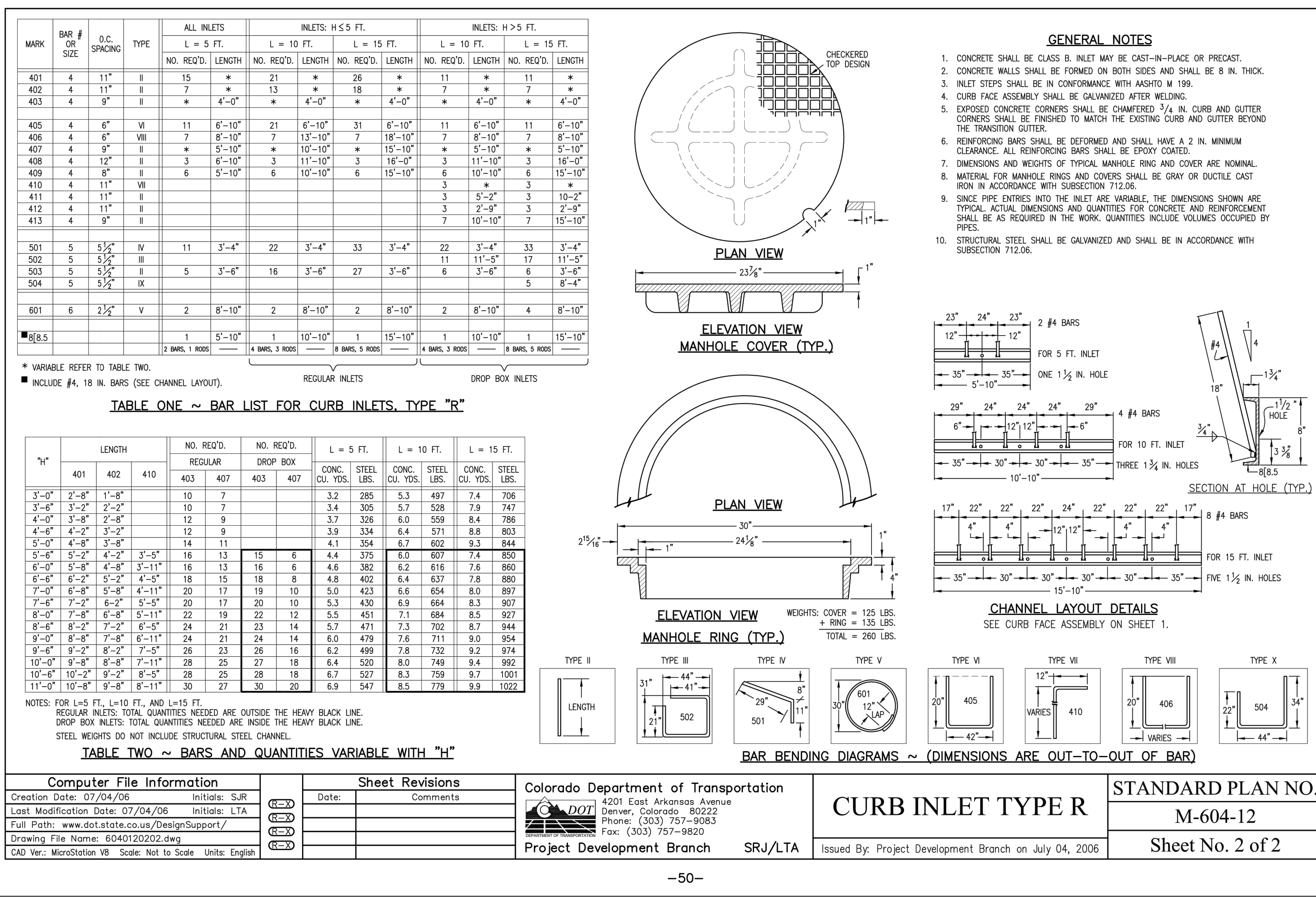
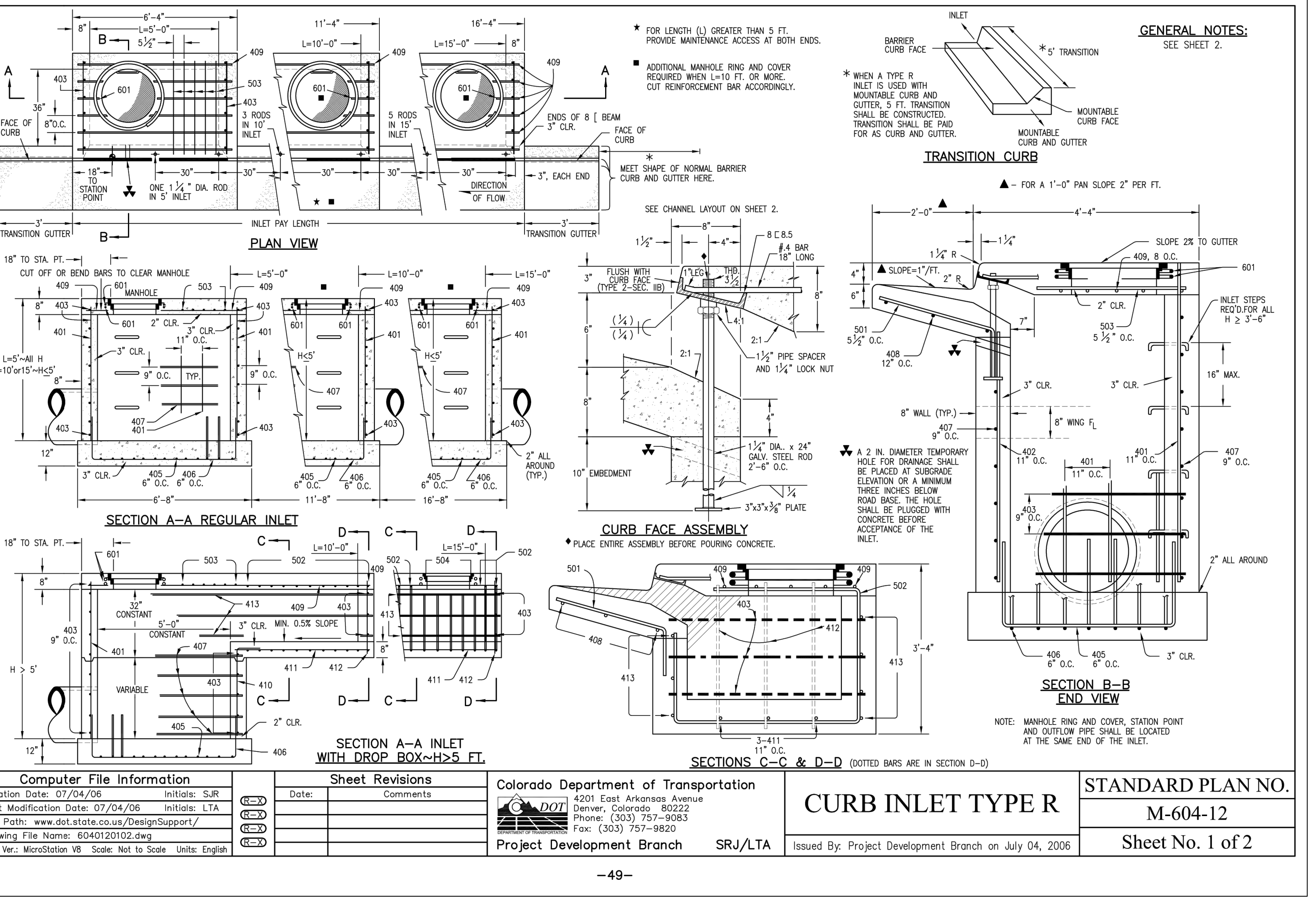
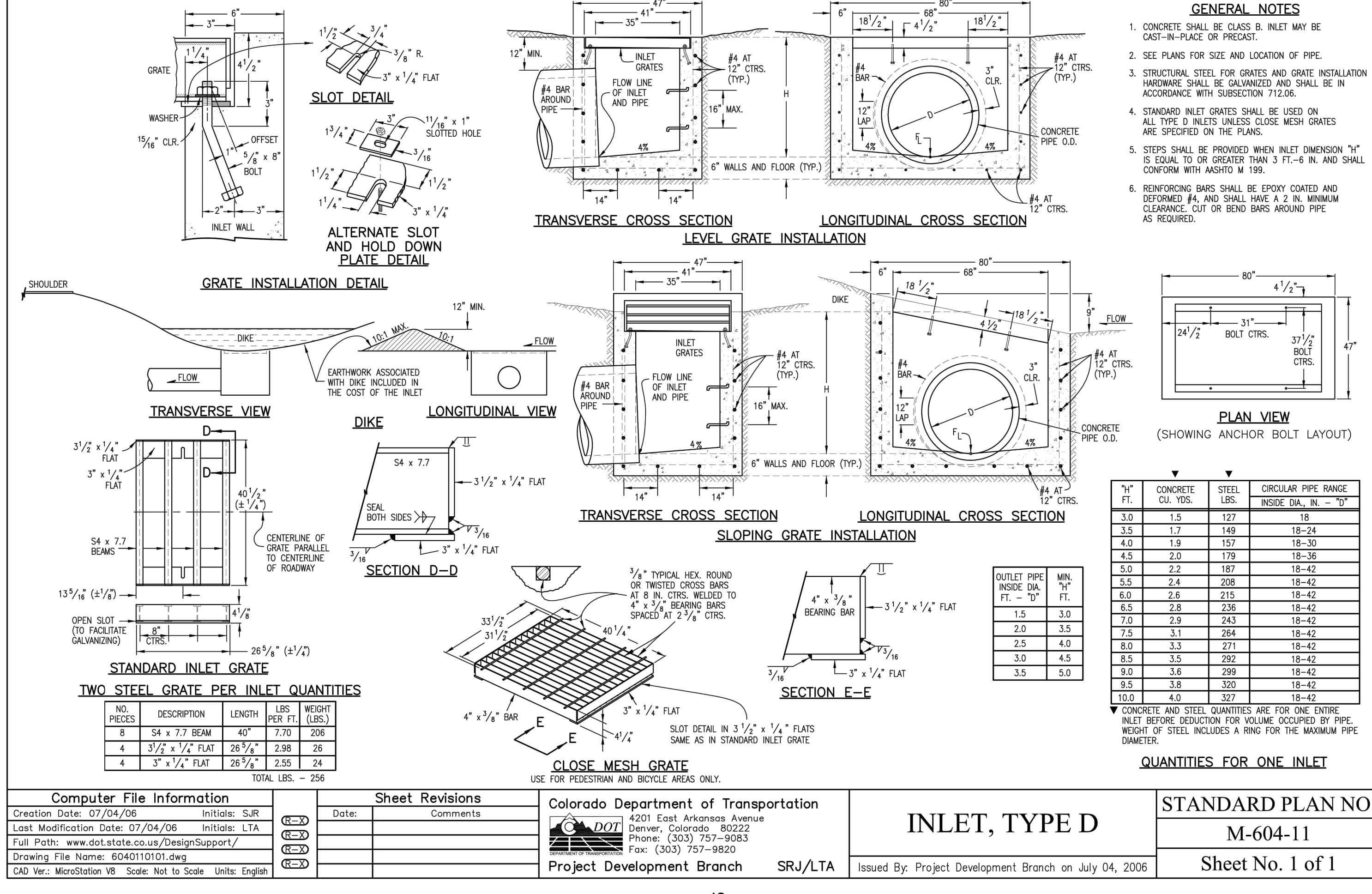
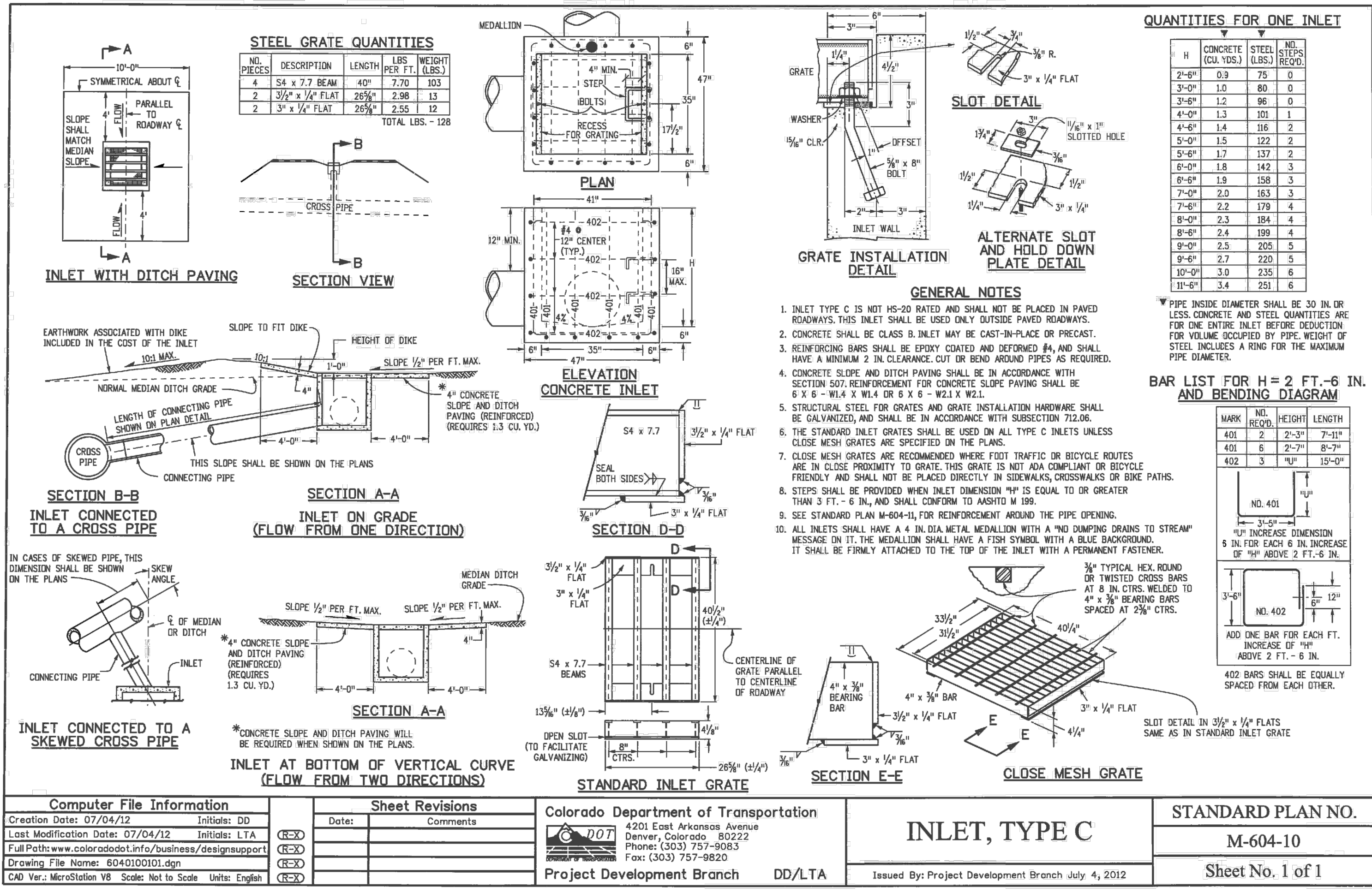
NO.	DATE:	BY:	DESCRIPTION:	APRV'D. BY:	DATE:
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[illegible][illegible]

CA THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR

ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

ON



REVISIONS:

NO.	DATE:	BY:	DESCRIPTION:

FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

REGISTERED PROFESSIONAL ENGINEER

NO. 37160

EXPIRATION DATE: 10-31-20

CLAREMONT BUSINESS PARK 2 FILING NO. 1

STANDARD DETAILS

PROJECT NO. 44-037

DATE: 07/29/2020

SCALE: N/A

DESIGNED BY: GT

DRAWN BY: VAS

CHECKED BY: N/A

20 BOULDER CRESCENT SUITE 110

COLOADO SPRINGS, CO 80903

PHONE: 719.555.5485

CIVIL CONSULTANTS, INC.

FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

REGISTERED PROFESSIONAL ENGINEER

NO. 37160

EXPIRATION DATE: 10-31-20

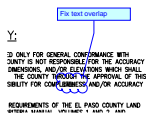
NO. 37160

EXPIRATION DATE: 10-31-20

CAUTION

CDS_v3_redlines.pdf Markup Summary

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Text Box (1)

Construction documents cover page

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