

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

EL PASO COUNTY, COLORADO

PERMANENT BEST MANAGEMENT PLANS

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS:

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



VICINITY MAP
SCALE: 1"=1000'

SHEET INDEX

- COVER SHEET
- LEGEND
- POND GRADING
- FOREBAY #1 DETAILS
- FOREBAY #2 DETAILS
- OUTLET STRUCTURE DETAILS
- OUTLET STRUCTURE DETAILS (CONT.)

Action Item: Add note "CSU Field Engineer to determine final gas meter, transformer and service line locations. Contact Field Engineering at 719-668-4985 (Gas) with any questions."

ALL TERRAIN: ADDRESSED. SEE ADDITIONAL NOTE ON COVER SHEET.

AGENCIES

OWNER/DEVELOPER:	TURKEY CANON QUARRY, LLC 20 BOULDER CRESCENT, SUITE 201 COLORADO SPRINGS, CO 80903 JAMES F. MORLEY (719) 471-1742	WATER RESOURCES:	STERLING RANCH METRO DISTRICT ENGINEERS JDS-HYDRO CONSULTANTS 545 E. PIKES PEAK AVE., SUITE 300 COLORADO SPRINGS, CO 80903 JOHN MCGINN (719) 668-8769
CIVIL ENGINEER:	ALL TERRAIN ENGINEERING LLC 1004 WEST VAN BUREN STREET COLORADO SPRINGS, CO 80907 RYAN BURNS P.E.	FIRE DISTRICT:	BLACK FOREST FIRE PROTECTION DISTRICT 11445 TEACHOUT ROAD COLORADO SPRINGS, CO 80908 CHIEF BRYAN JACK (719) 495-4300
COUNTY ENGINEERING:	EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT 2880 INTERNATIONAL CIRCLE, SUITE 110 COLORADO SPRINGS, CO 80910 JEFF RICE, P.E. (719) 520-6300	GAS DEPARTMENT:	COLORADO SPRINGS UTILITIES 7710 DURANT DR. COLORADO SPRINGS, CO 80947 TIM WENDT (719) 668-3556
TRAFFIC ENGINEERING:	EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS 3275 AKERS DRIVE COLORADO SPRINGS, CO 80922 JENNIFER IRVINE, P.E. (719) 520-6460	ELECTRIC DEPARTMENT:	MOUNTAIN VIEW ELECTRIC 11140 E. WOODMEN ROAD FALCON, CO 80831 (719) 495-2283

BASIS OF BEARINGS

THE NORTH LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 5, TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, BEING MONUMENTED AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 5, BY A 3-1/4" ALUMINUM CAP STAMPED "LS 10376" AND AT THE NORTH QUARTER CORNER BY A 3-1/4" ALUMINUM CAP STAMPED "LS 4842 1996", BEARING S89°14'13"W.

BENCHMARKS

- THE TOP OF AN ALUMINUM SURVEYORS CAP, STAMPED "9853", AT THE SOUTHEAST BOUNDARY CORNER OF BARBARICK SUBDIVISION
NORTHING = 411416.273
EASTING = 235167.071
ELEVATION = 7023.42
- THE TOP OF A RED PLASTIC SURVEYORS CAP, ILLEGIBLE, AT THE NORTHWEST BOUNDARY CORNER OF PAWNEE RANCHEROS SUBDIVISION
NORTHING = 410095.404
EASTING = 235052.131
ELEVATION = 7000.40
- THE TOP OF A RED PLASTIC SURVEYORS CAP, STAMPED "38141", AT THE SOUTHWEST BOUNDARY CORNER OF BARBARICK SUBDIVISION
NORTHING = 411399.962
EASTING = 233849.817
ELEVATION = 7030.82

OWNER/DEVELOPER STATEMENT

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

JIM MORLEY _____ DATE _____

TURKEY CANON QUARRY LLC
20 BOULDER CRESCENT, SUITE 200
COLORADO SPRINGS, CO 80903

DISTRICT APPROVALS

THESE DOCUMENTS HAVE BEEN REVIEWED AND APPROVED FOR STORM DRAIN AND ASSOCIATED UTILITY SERVICE CONSTRUCTION.

FOR AND ON BEHALF OF THE STERLING RANCH METRO DISTRICT _____ DATE _____

EL PASO COUNTY STATEMENT

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

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

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

JOSHUA PALMER, P.E. _____ DATE _____
COUNTY ENGINEER/ECM ADMINISTRATOR

ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT 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 PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN 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.

RYAN E. BURNS, P.E. _____ DATE _____
COLORADO P.E. 54412
FOR AND ON BEHALF OF JR ENGINEERING, LLC



Know what's below.
Call before you dig.



PREPARED FOR:
TURKEY CANON QUARRY, LLC
20 BOULDER CRESCENT, SUITE 201
COLORADO SPRINGS, CO 80903
ATTN: JIM MORLEY
(719) _____
JMORLEY3870@AOL.COM

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

REV	DESCRIPTION	DATE

PERMANENT BEST MANAGEMENT PLANS
COVER SHEET

DESIGN: REB
REVIEW: NOJ
DATE: 07/01/2024

H-SCALE: 1"=1000'
V-SCALE: N/A

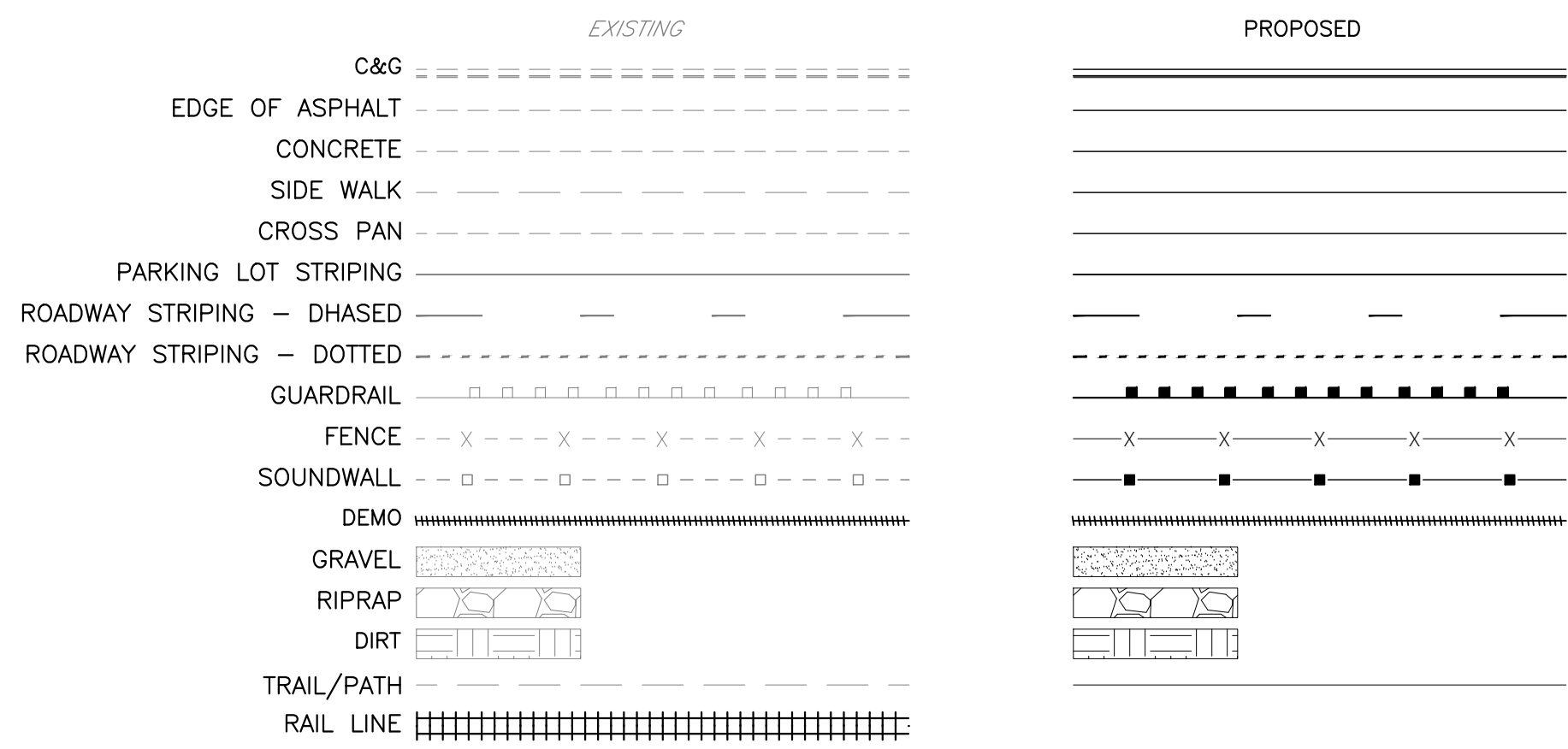
SHEET
1 OF 6

RYAN E. BURNS, P.E.
 54412
 2022-2024
 ALL TERRAIN ENGINEERING, LLC
 1004 WEST VAN BUREN STREET
 COLORADO SPRINGS, CO 80907
 (719) 495-2283

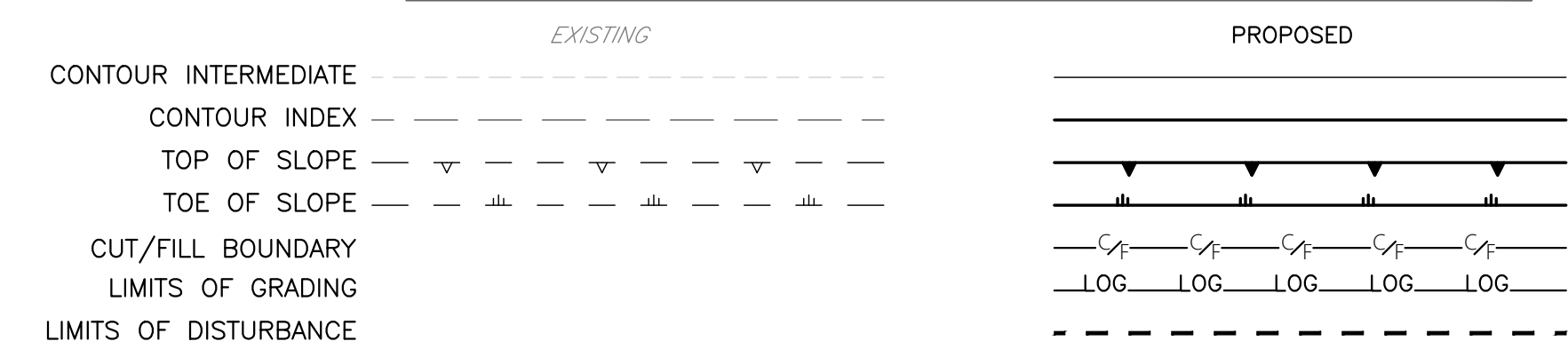
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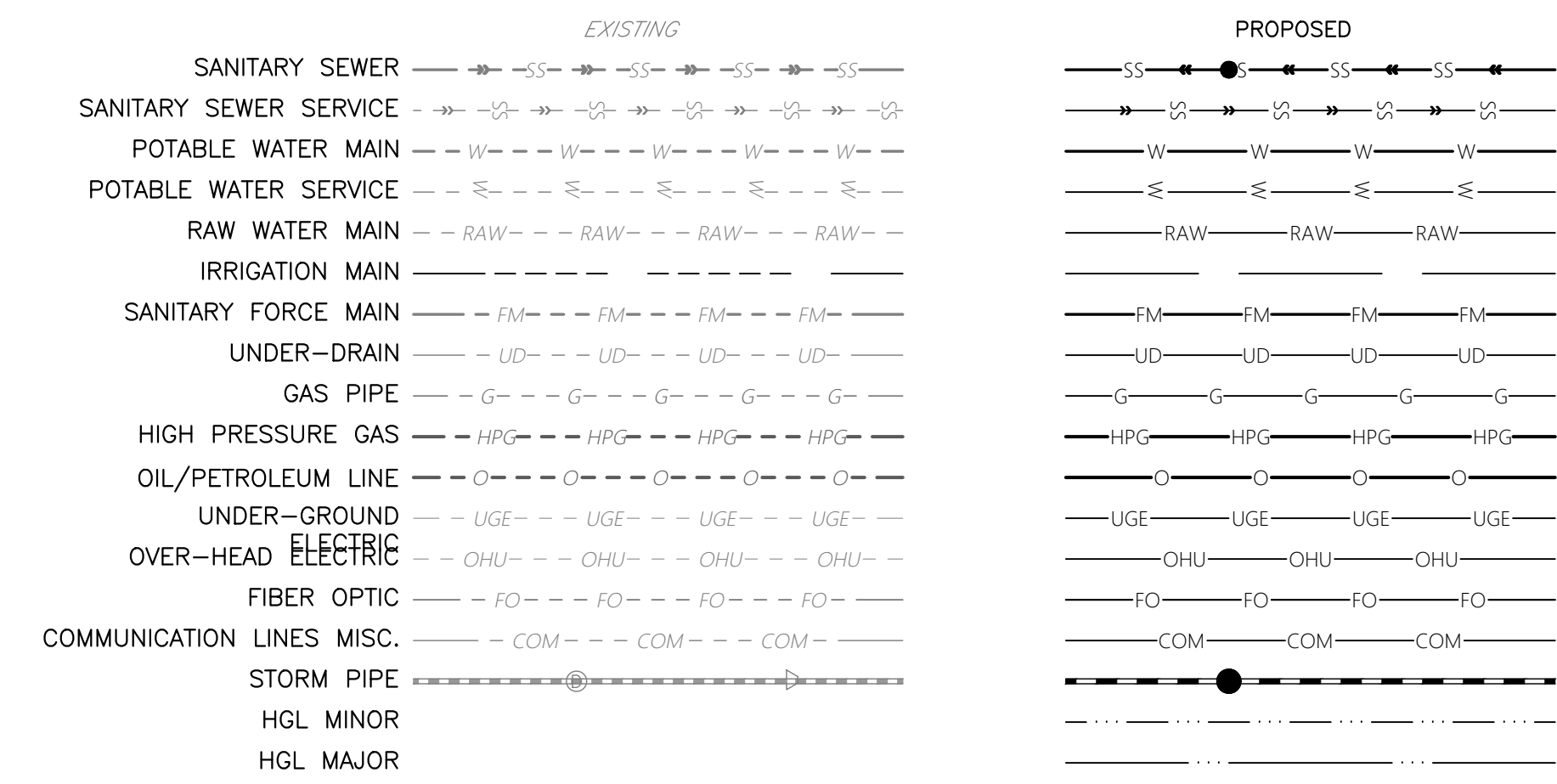
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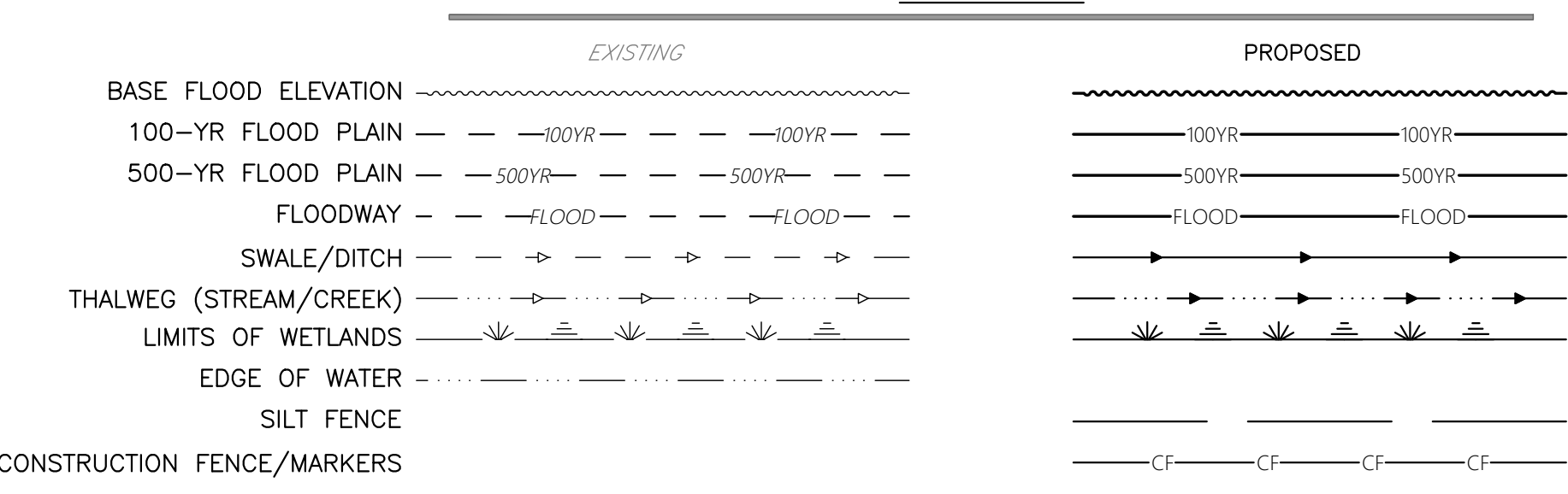
GRADING



UTILITIES



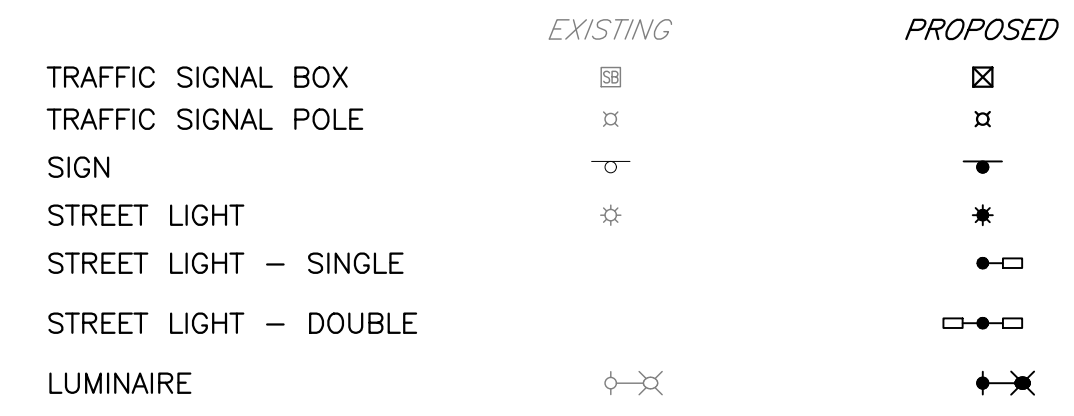
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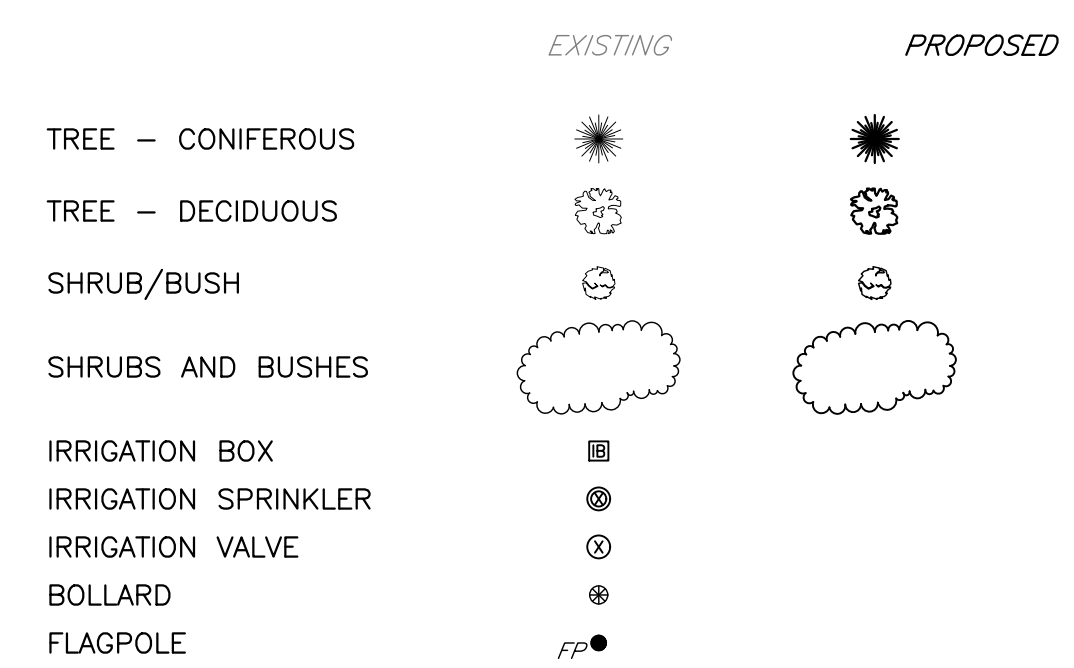
UTILITY SYMBOLS



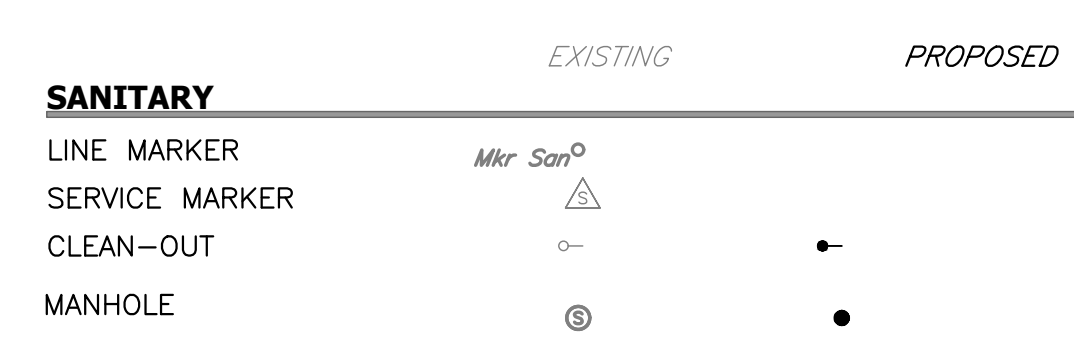
TRAFFIC



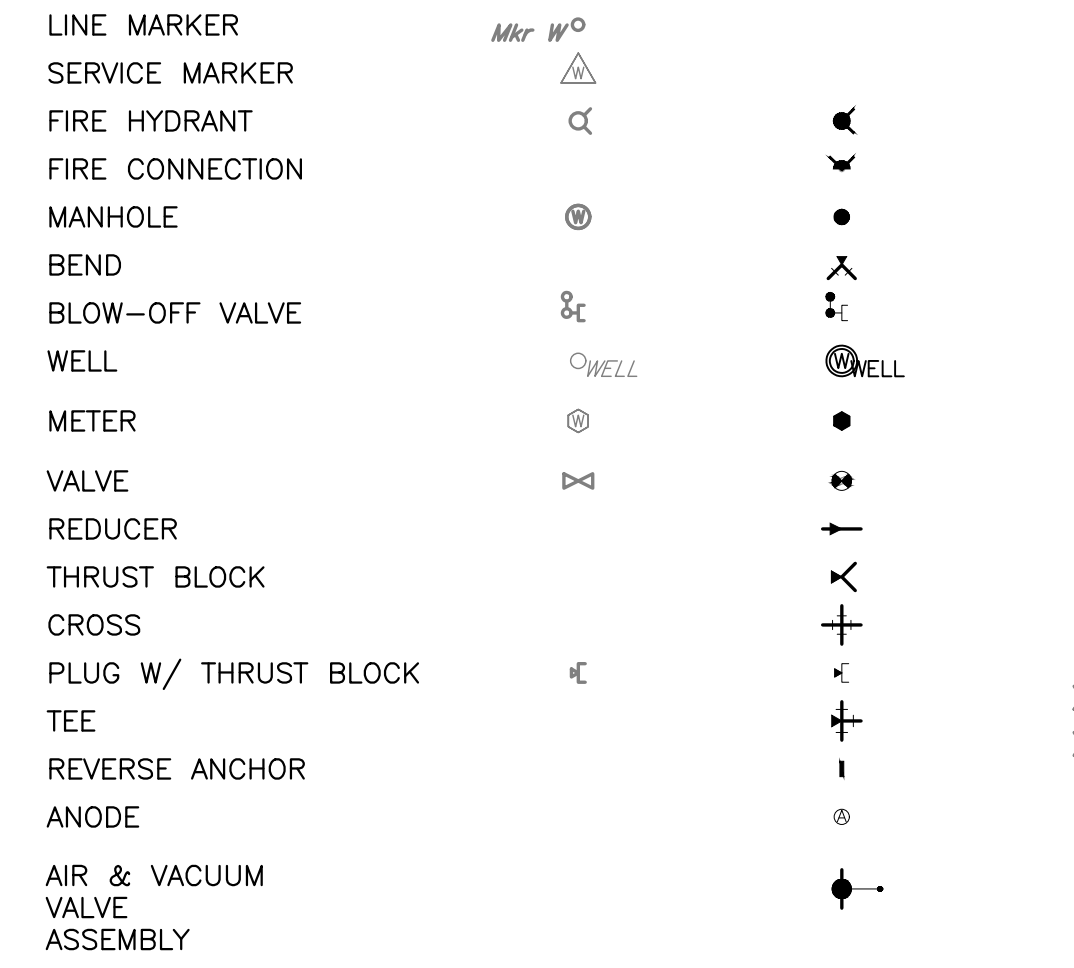
LANDSCAPE



UTILITY SYMBOLS



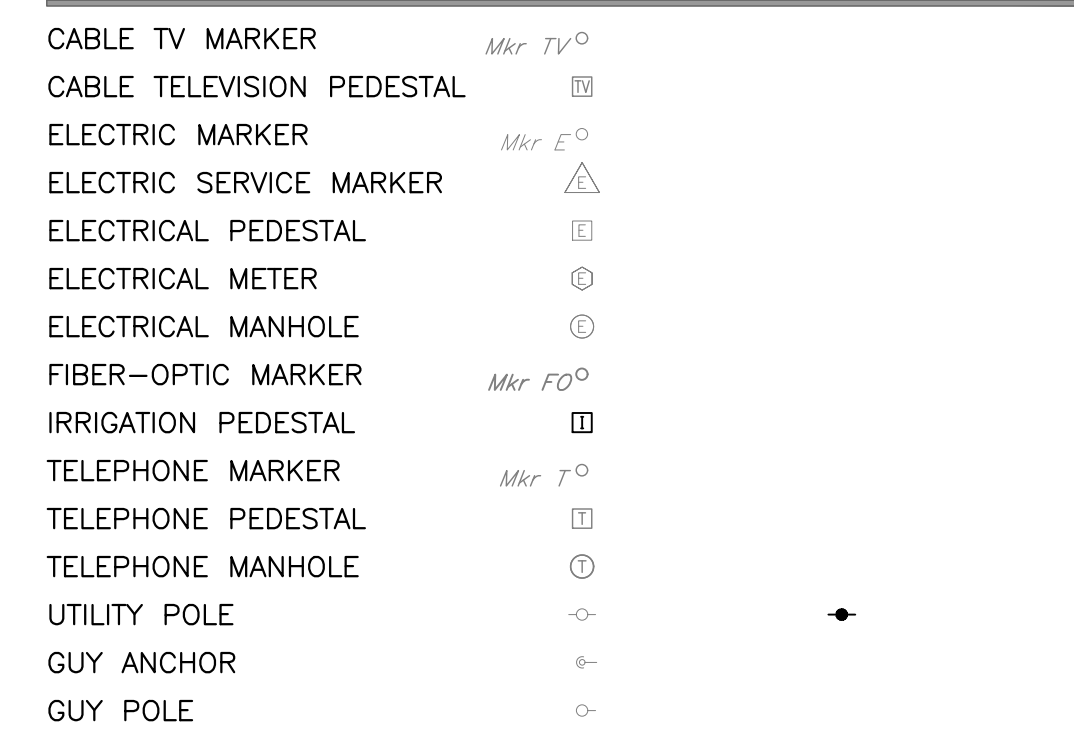
WATER



GAS



DRY UTILITIES



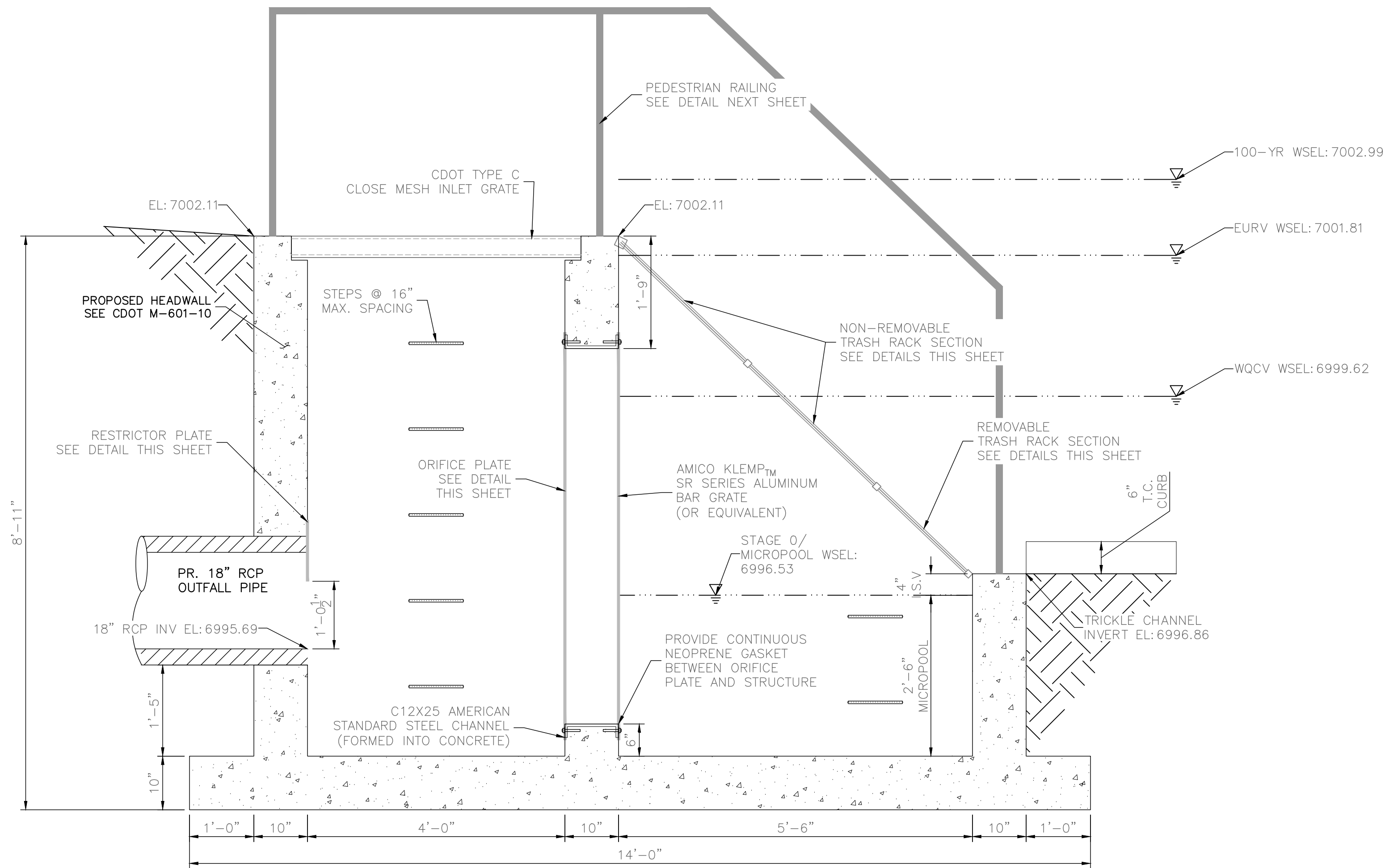
MISC. UTILITIES



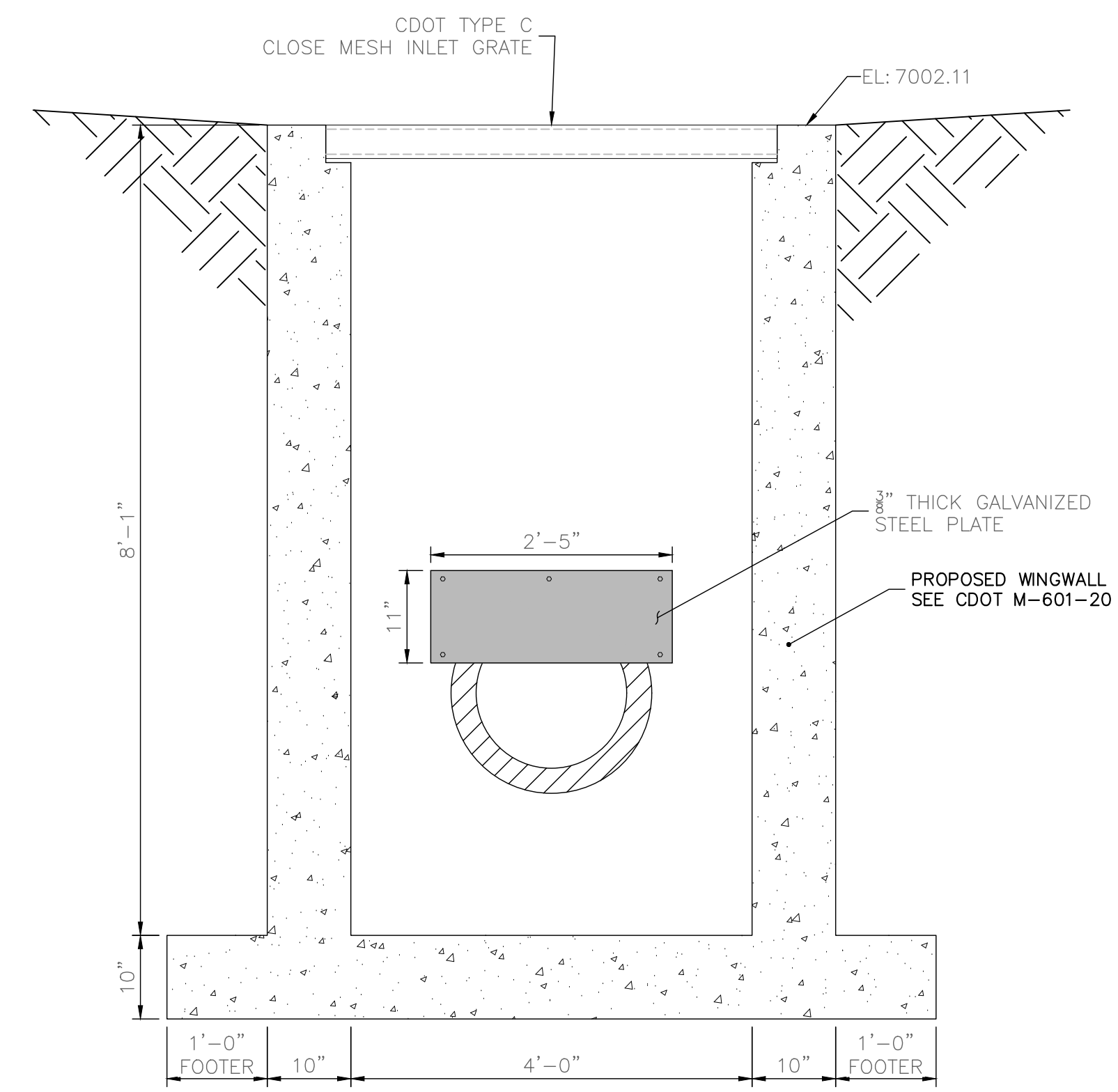
Know what's below.
Call before you dig.

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

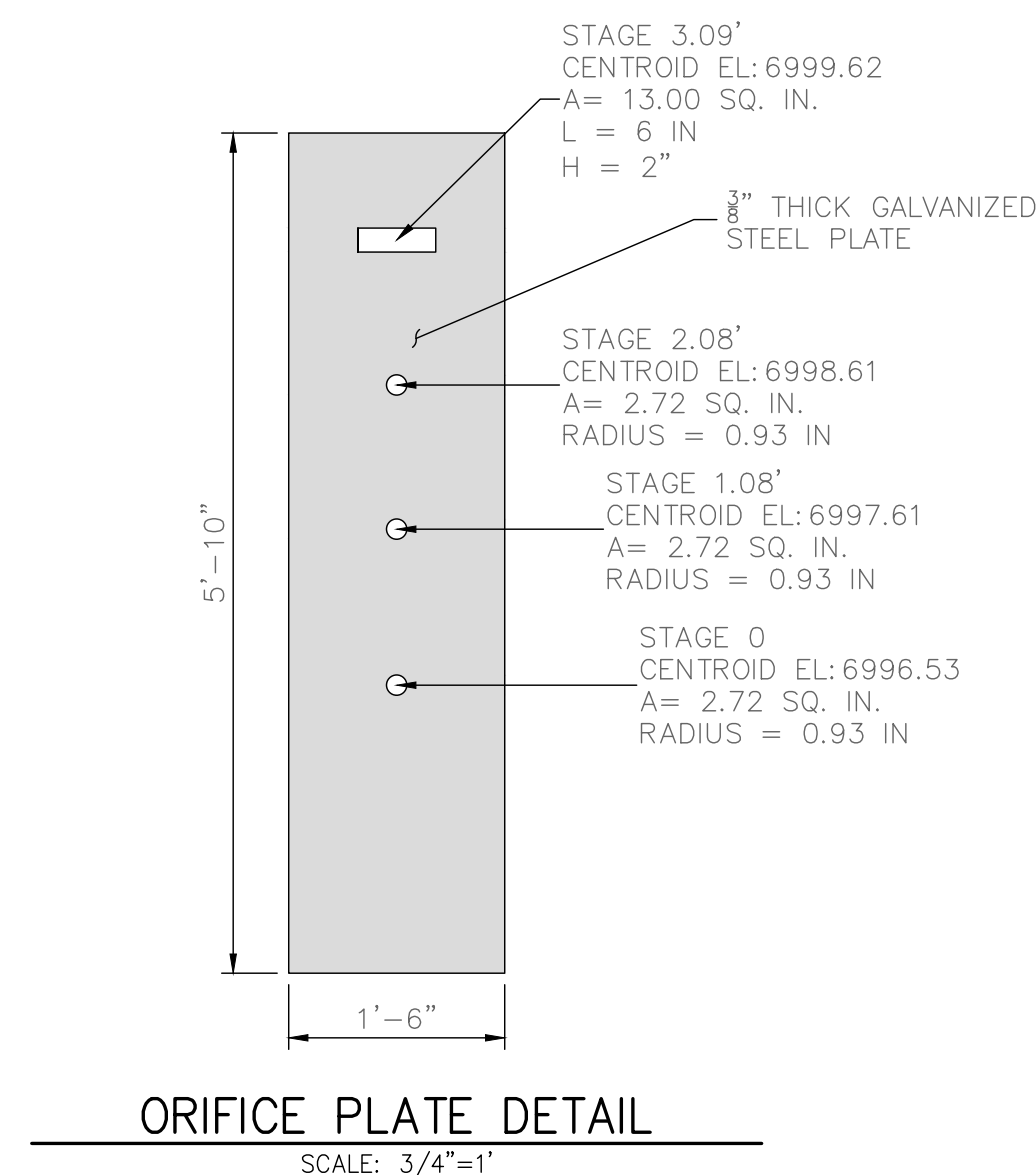
PREPARED FOR: TURKEY CANON QUARRY LLC 20 BOULDER CRESCENT STREET, SUITE 100 COLORADO SPRINGS, CO 80903 ATTN: JIM MORLEY (719) 588-1111 JMORLEY3870@AOL.COM	
UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.	
JOB NO: 24013 LOCATION: EPC	DATE:
PERMANENT BEST MANAGEMENT PLANS	
LEGEND	
DESIGN: REB REVIEW: NOJ DATE: 07/01/2024	
H-SCALE: N/A V-SCALE: N/A	
SHEET 2 OF 6	



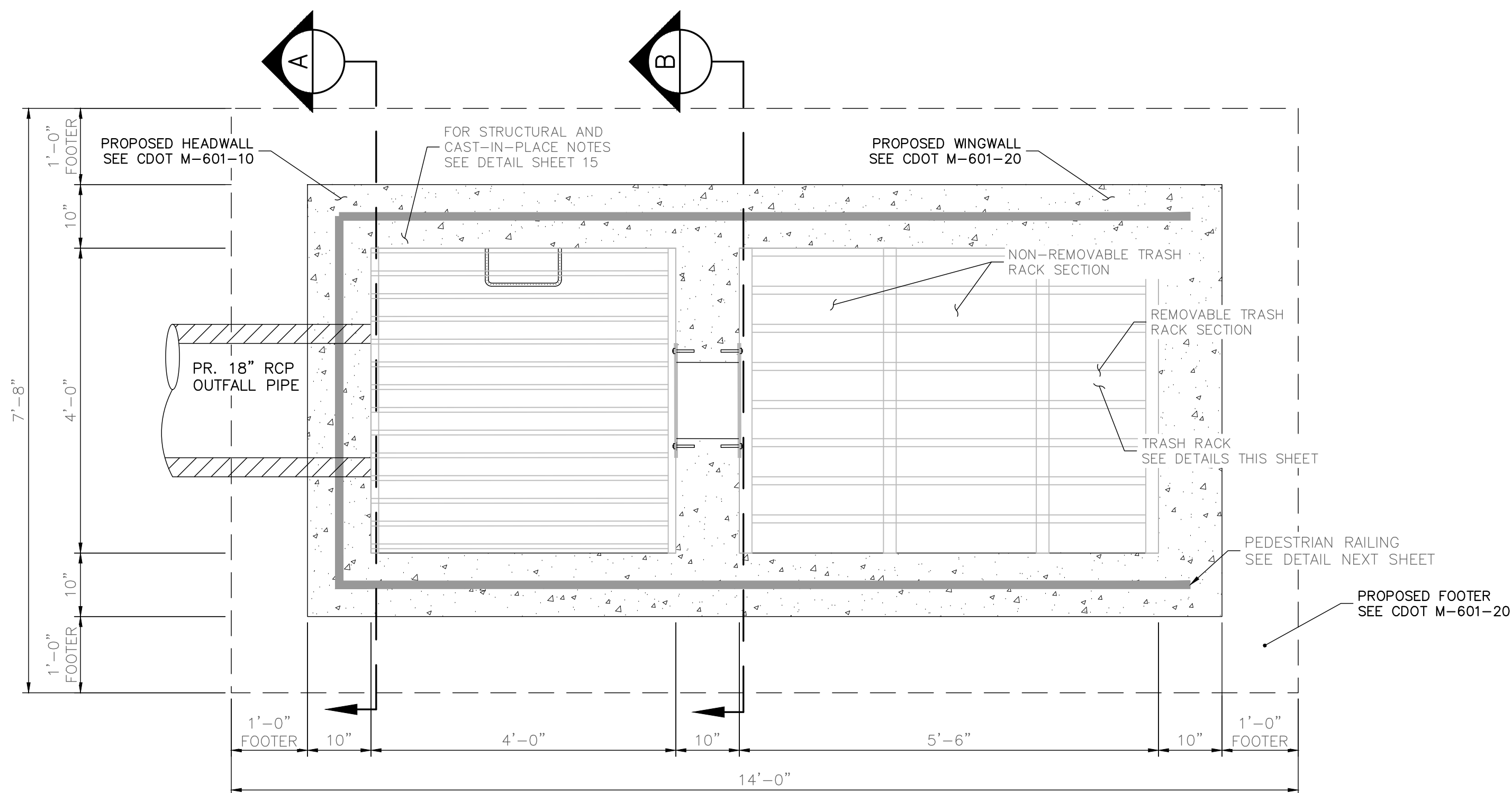
**POND
OUTLET STRUCTURE PROFILE**
SCALE: 3/4"=1'



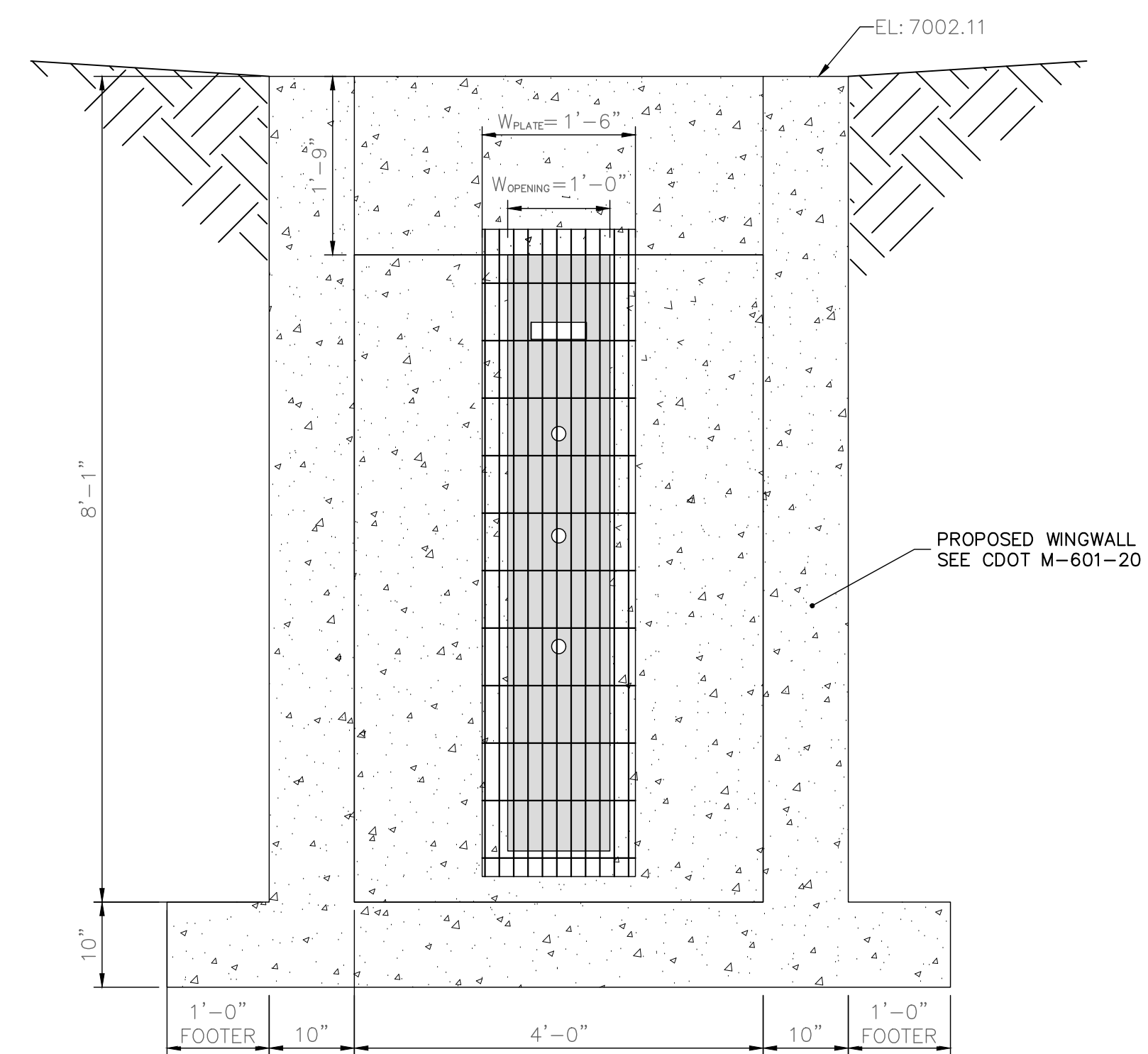
A A-A SECTION
SCALE: 3/4"=1'



ORIFICE PLATE DETAIL
SCALE: 3/4"=1'



**POND
OUTLET STRUCTURE PLAN**
SCALE: 3/4"=1'



B B-B SECTION
SCALE: 3/4"=1'



PREPARED FOR:
TURKEY CANON QUARRY LLC
20 BOULDER CRESCENT STREET, SUITE 100
COLORADO SPRINGS, CO 80903
ATTN: JIM MORLEY
(719)
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AUTHORIZATION.

REV	DESCRIPTION	DATE

LOCATION: EPC
JOB NO: 24013
SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
OUTLET STRUCTURE DETAILS

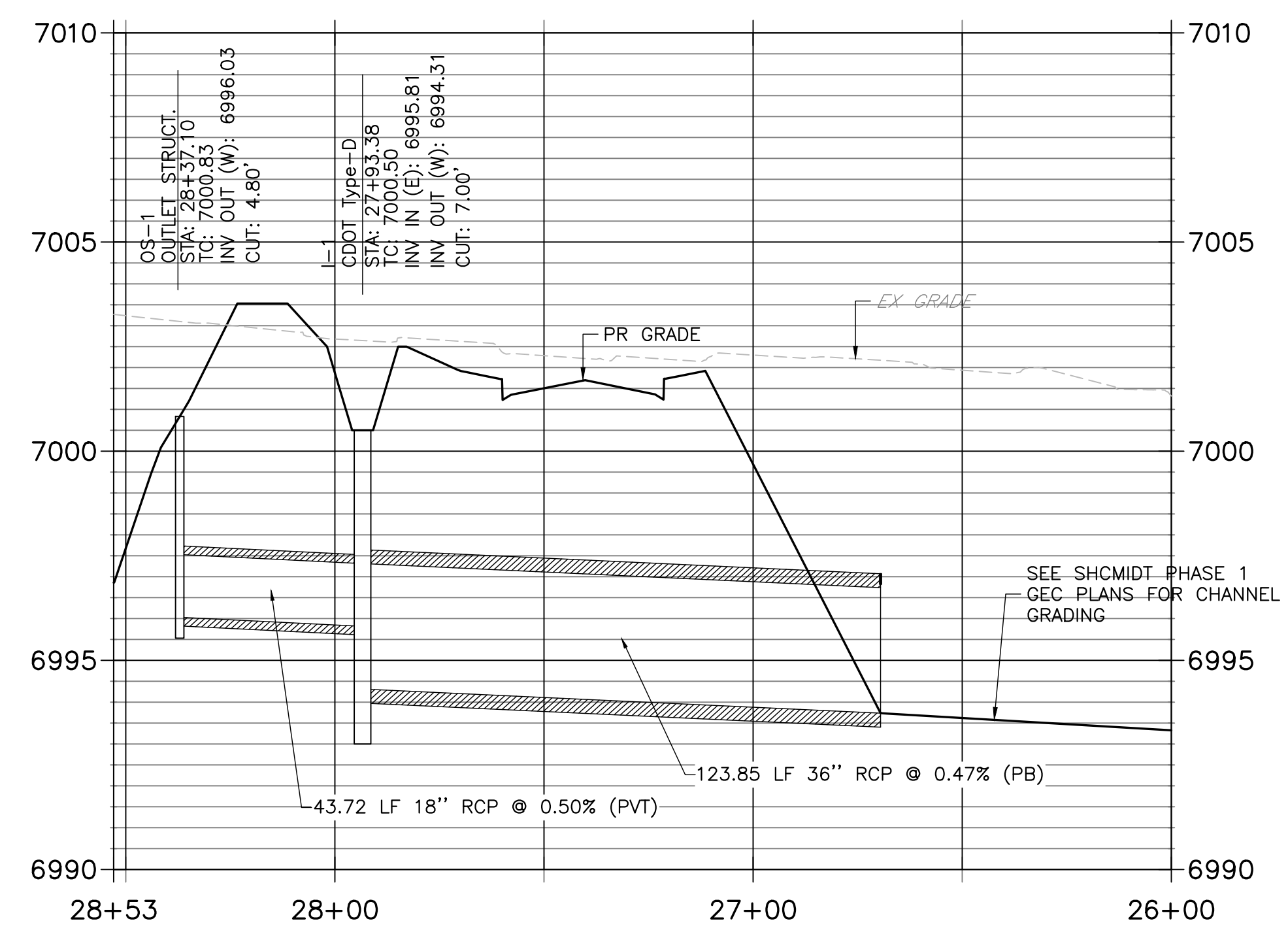
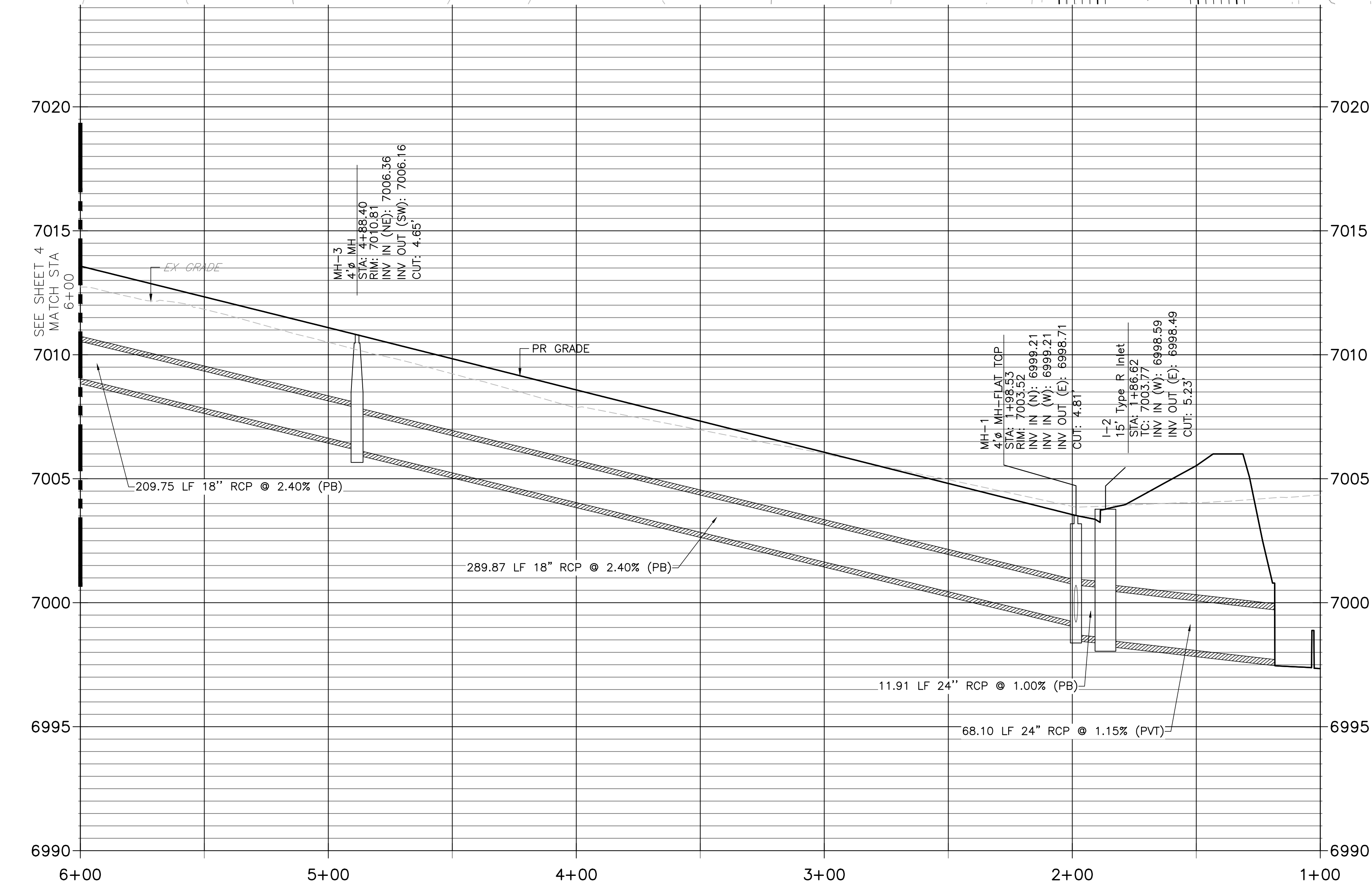
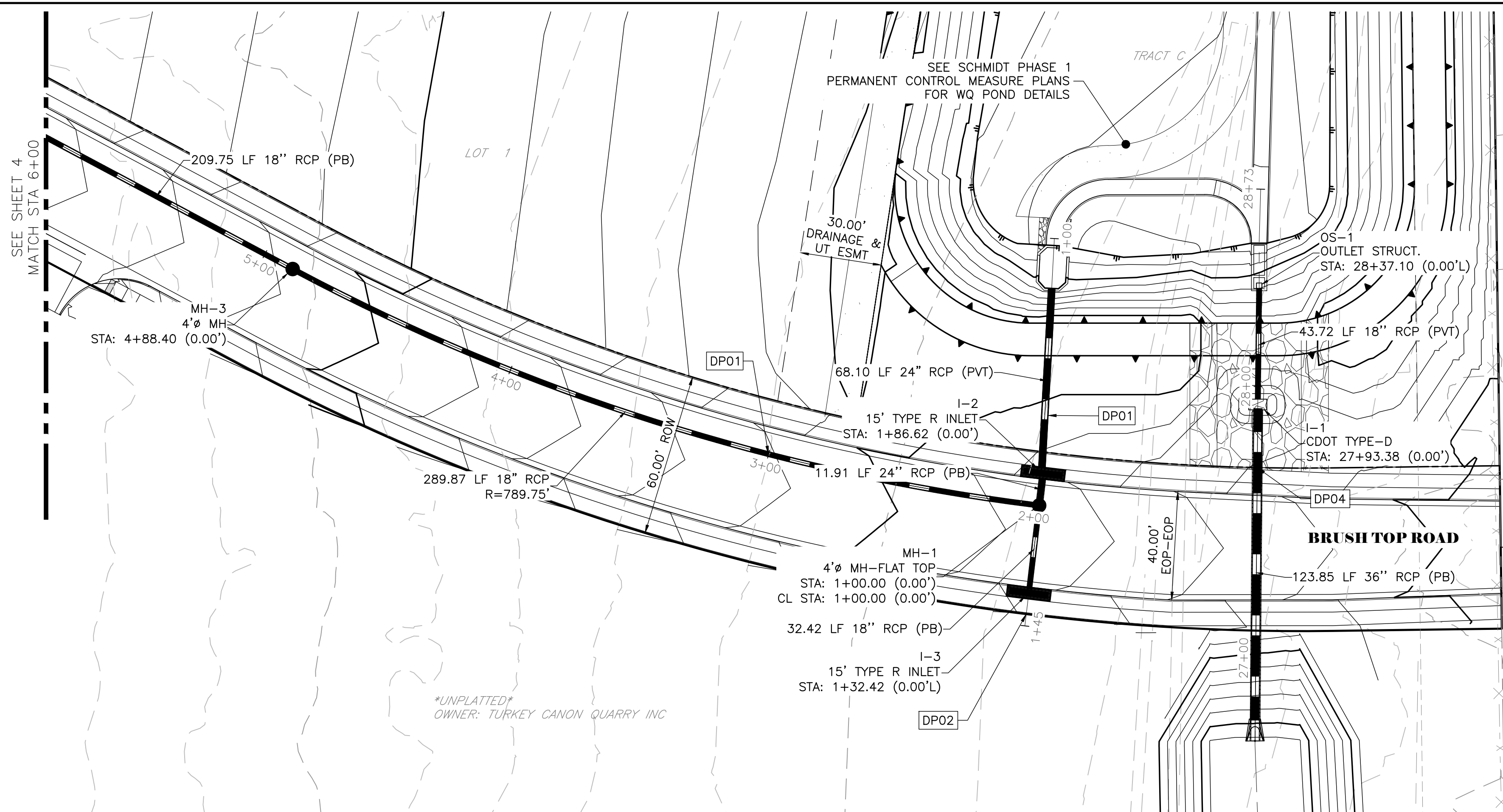
ENGINEER'S STATEMENT
PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF ALL
TERRAIN ENGINEERING

DESIGN: REB
REVIEW: NOJ
DATE: 07/01/2024
H-SCALE: 3/4" = 1'
V-SCALE: 3/4" = 1'

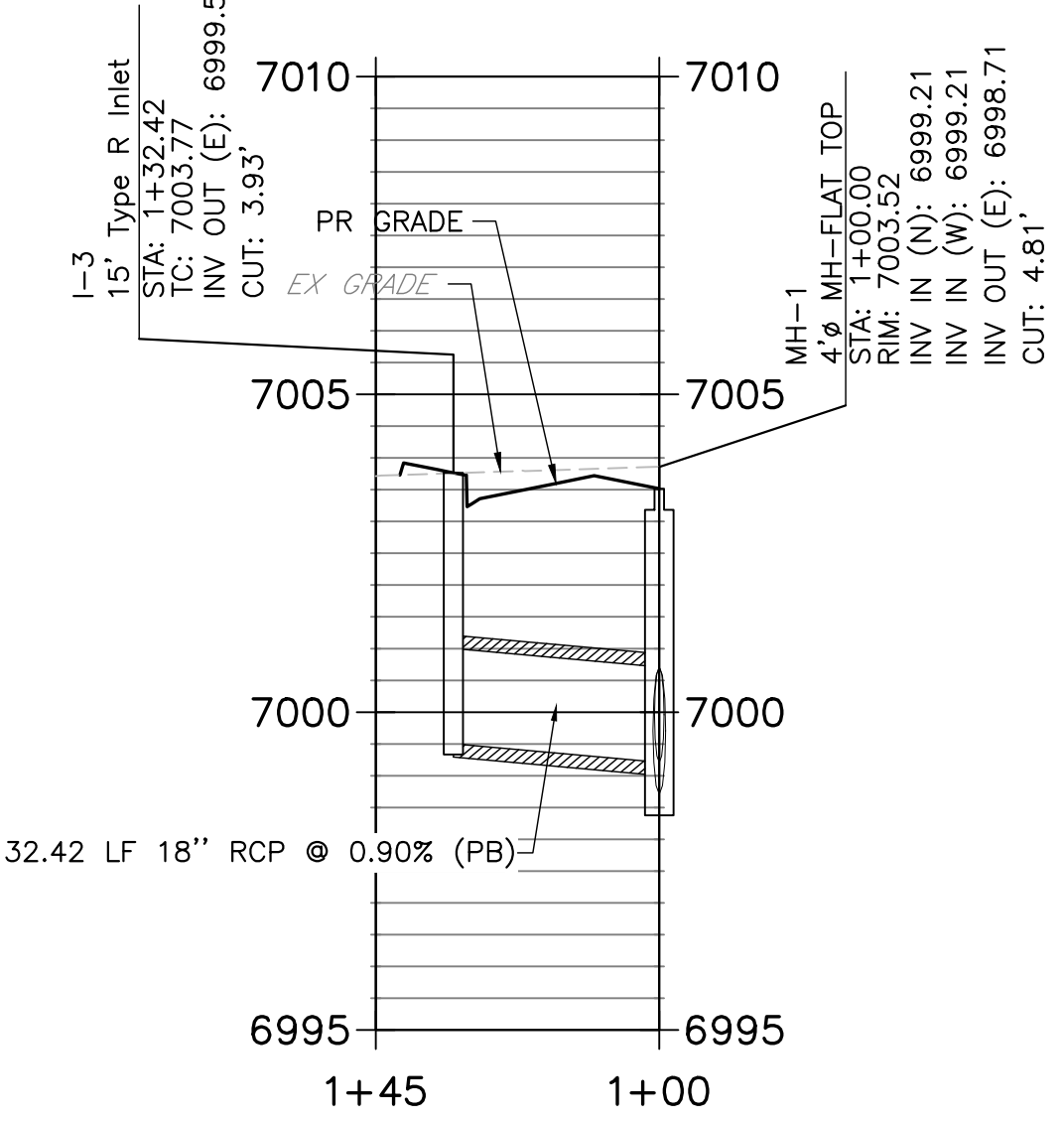
RYAN E. BURNS, P.E.
COLORADO P.E. 54412
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

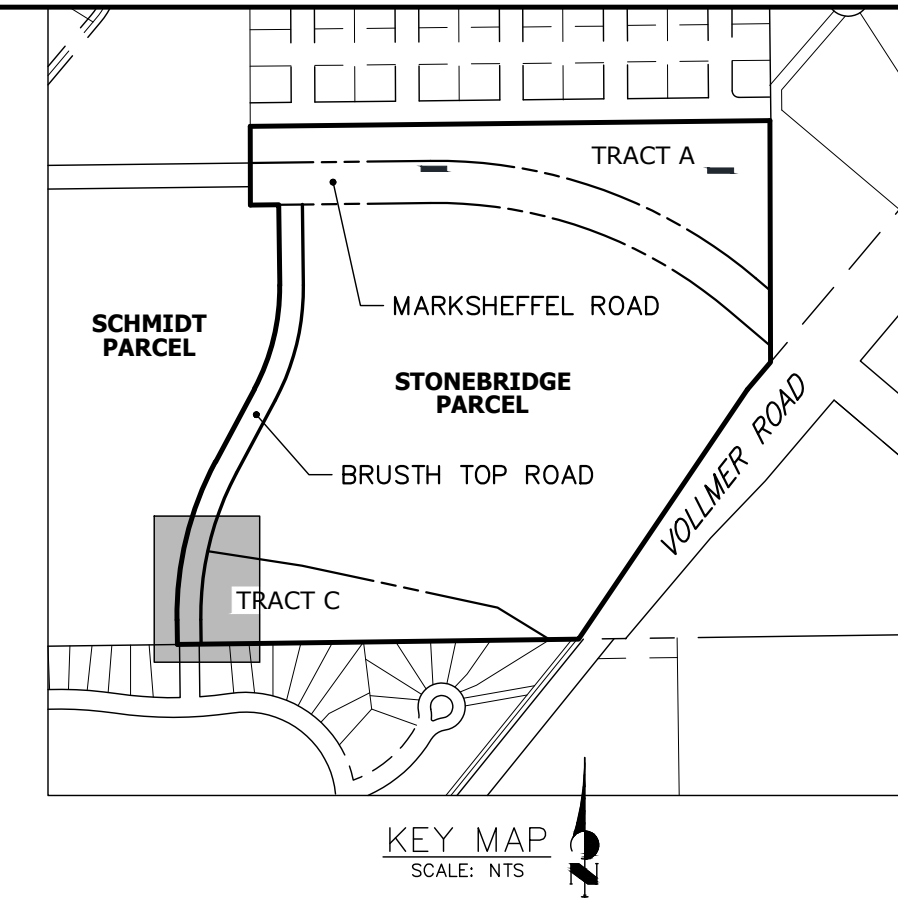
SHEET
6 OF 6



DP02
STA 1+00.00 TO 1+44.62



THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.



DP04
STA 26+00.00 TO 28+52.89



Know what's below.
Call before you dig.



ENGINEER'S STATEMENT
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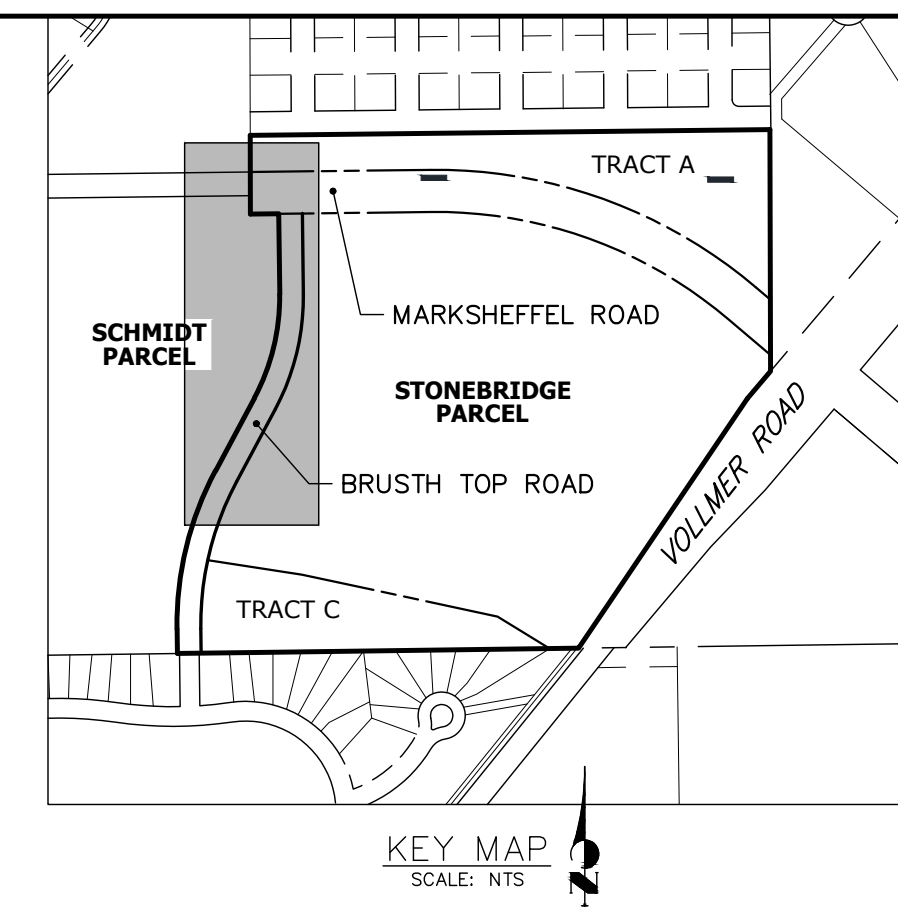
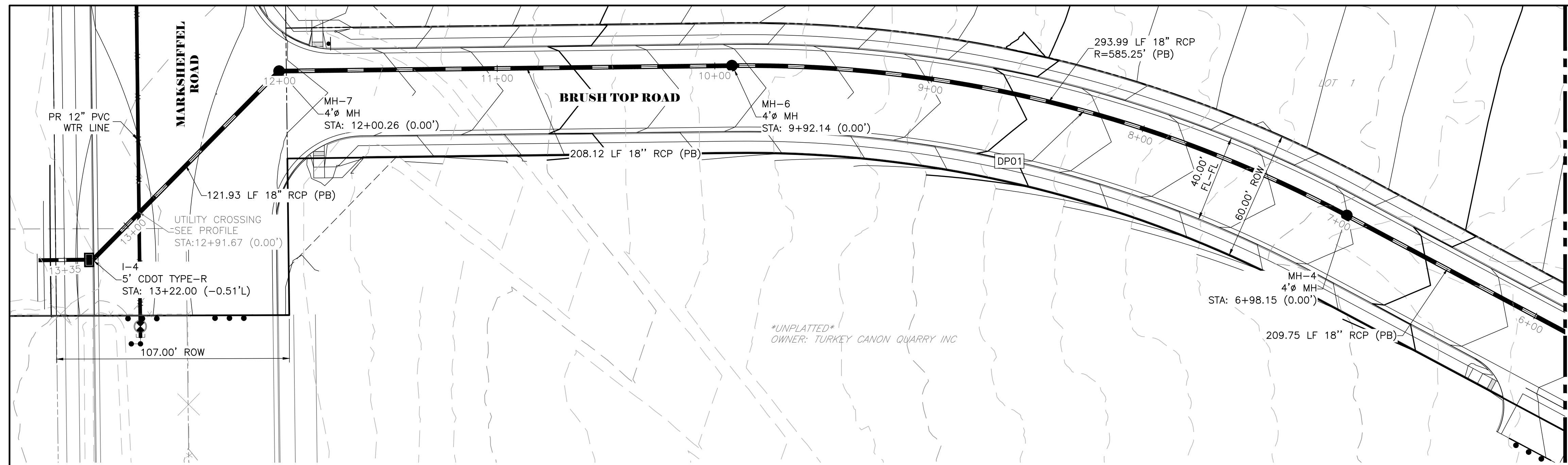
PREPARED FOR:
TURKEY CANON QUARRY INC.
20 BOULDER CRESCENT STREET, SUITE 100
COLORADO SPRINGS, CO 80903
ATTN: JIM MORLEY
(719) 491-3024
JIMORLEY387@AOL.COM

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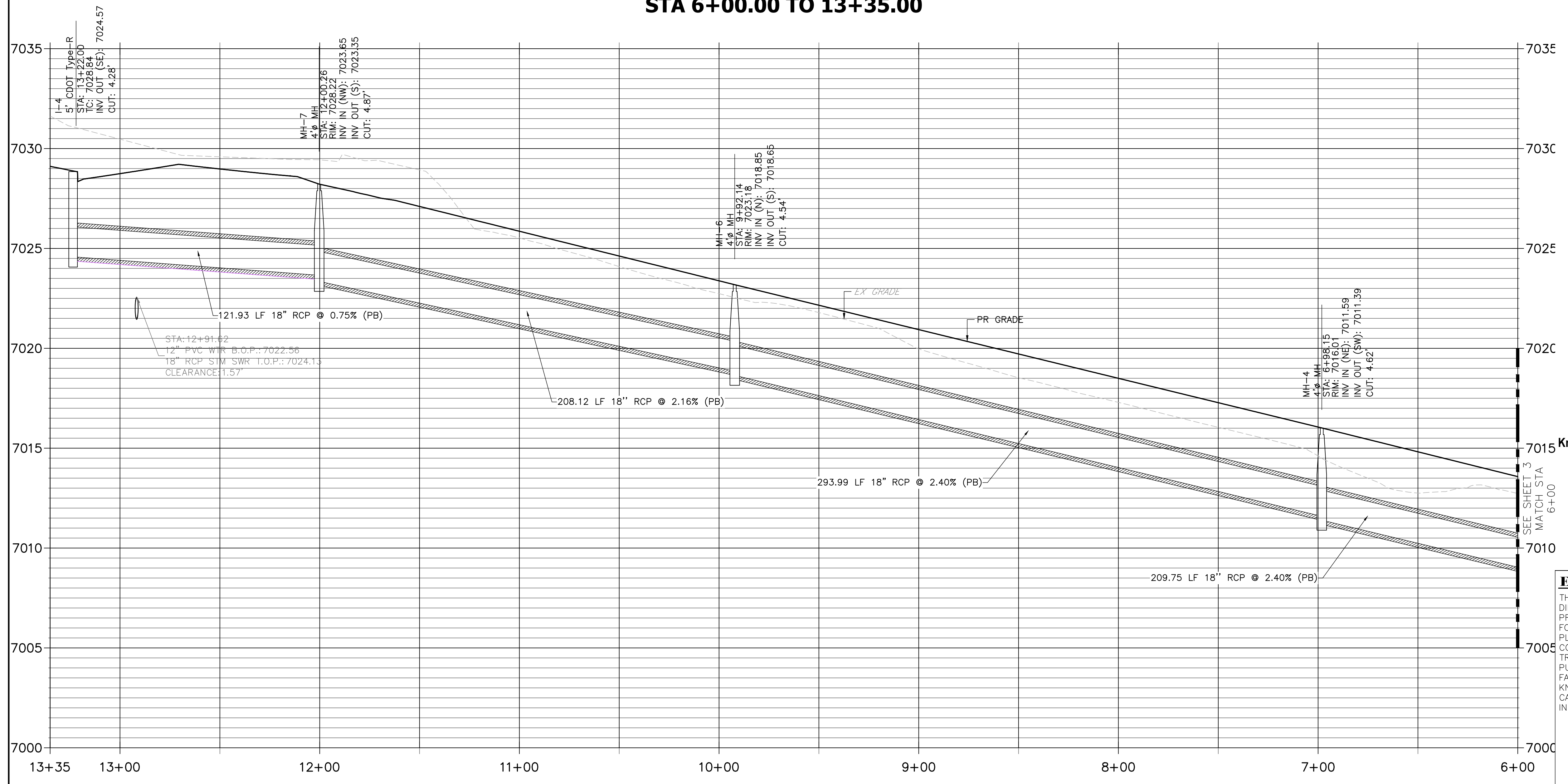
REV	DESCRIPTION	DATE

JOB NO: 24013 LOCATION: EPC
SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
STORM SEWER PLAN & PROFILE

DESIGN: REB
REVIEW: NOJ
DATE: 07/01/2024
H-SCALE: 1" = 30'
V-SCALE: 1" = 3'
SHEET
3 OF 8



**DP01 (CONT.)
STA 6+00.00 TO 13+35.00**



THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

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RYAN E. BURNS, P.E.
COLORADO P.E. 54412
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE



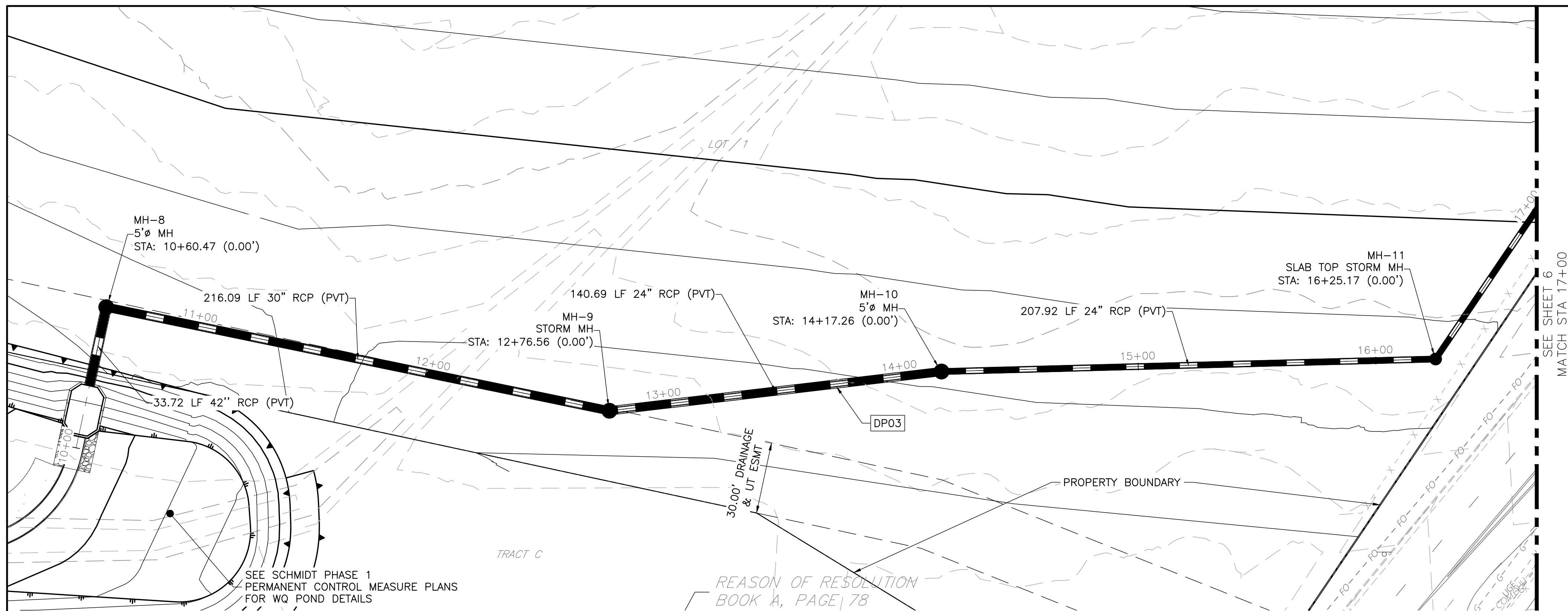
PREPARED FOR:
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20 BOULDER CRESCENT STREET, SUITE 100
COLORADO SPRINGS, CO 80903
ATTN: JIM MORLEY
(719) 491-3024
JMORLEY3870@AOL.COM

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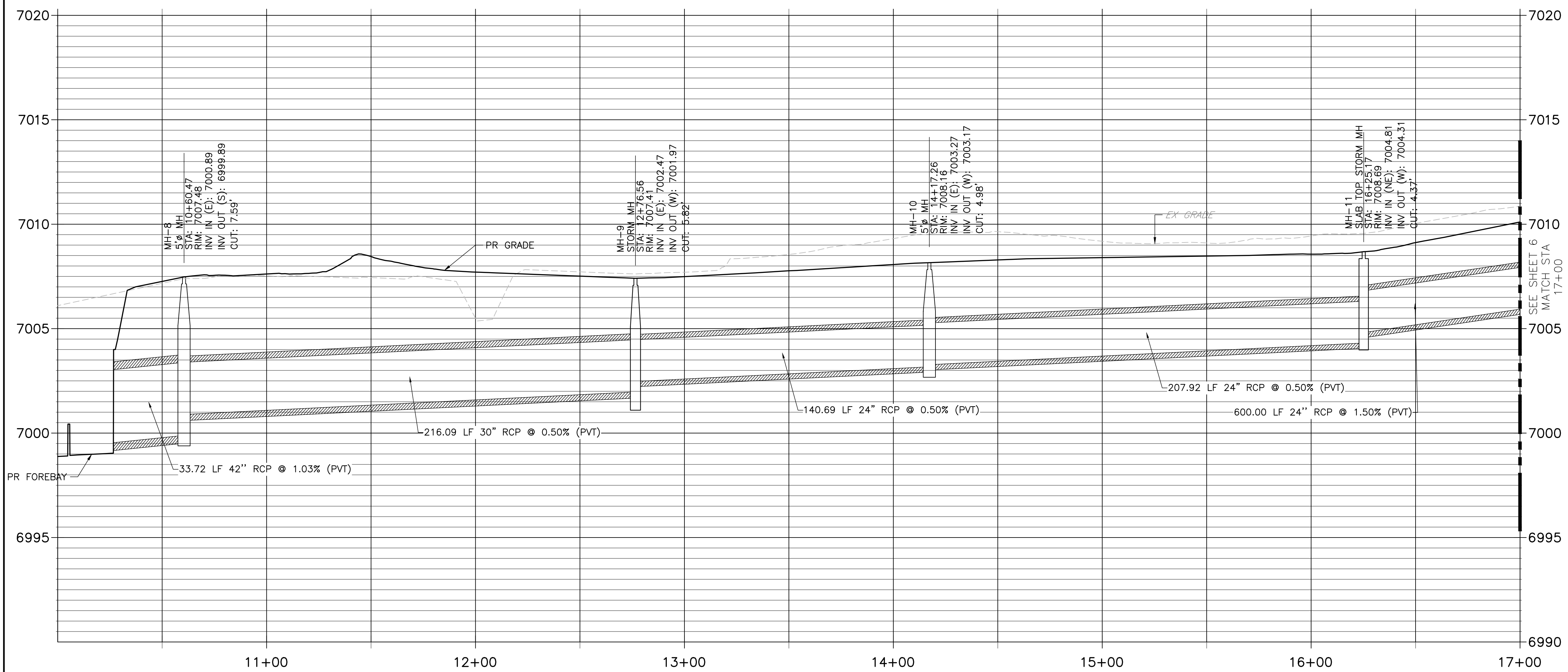
REV	DESCRIPTION	DATE

JOB NO: 24013 LOCATION: EPC
SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
STORM SEWER PLAN & PROFILE

DESIGN: REB
REVIEW: NOJ
DATE: 07/01/2024
H-SCALE: 1" = 30'
V-SCALE: 1" = 3'
SHEET
4 OF 8



**DP03
STA 10+00.00 TO 17+00.00**



ORIGINAL SCALE: 1" = 30'

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RYAN E. BURNS, P.E.
 COLORADO P.E. 54412
 FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE



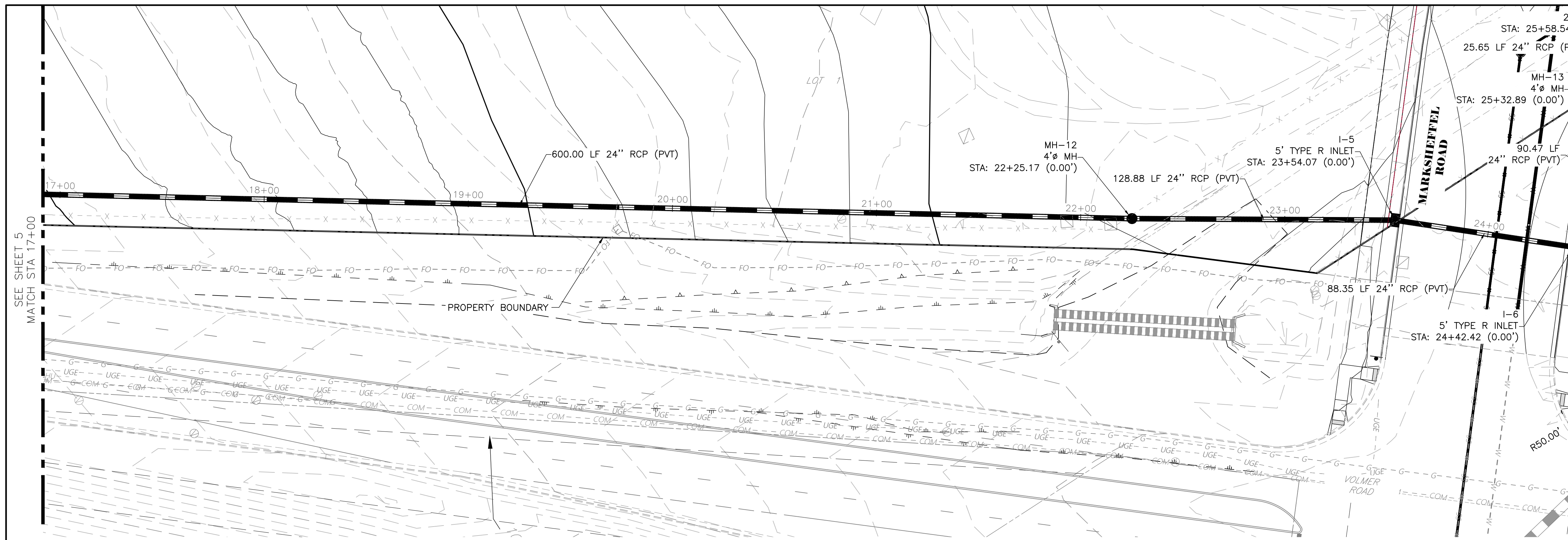
PREPARED FOR:
 TURKEY CANON QUARRY INC.
 20 BOULDER CRESSENT STREET, SUITE 100
 COLORADO SPRINGS, CO 80903
 ATTN: JIM MORLEY
 (719) 491-3024
 JMORLEY3870@AOL.COM

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

REV	DESCRIPTION	DATE

JOB NO: 24013 LOCATION: EPC
 SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
 STORM SEWER PLAN & PROFILE

DESIGN: REB
 REVIEW: NOJ
 DATE: 07/01/2024
 H-SCALE: 1" = 30'
 V-SCALE: 1" = 3'
 SHEET
 5 OF 8



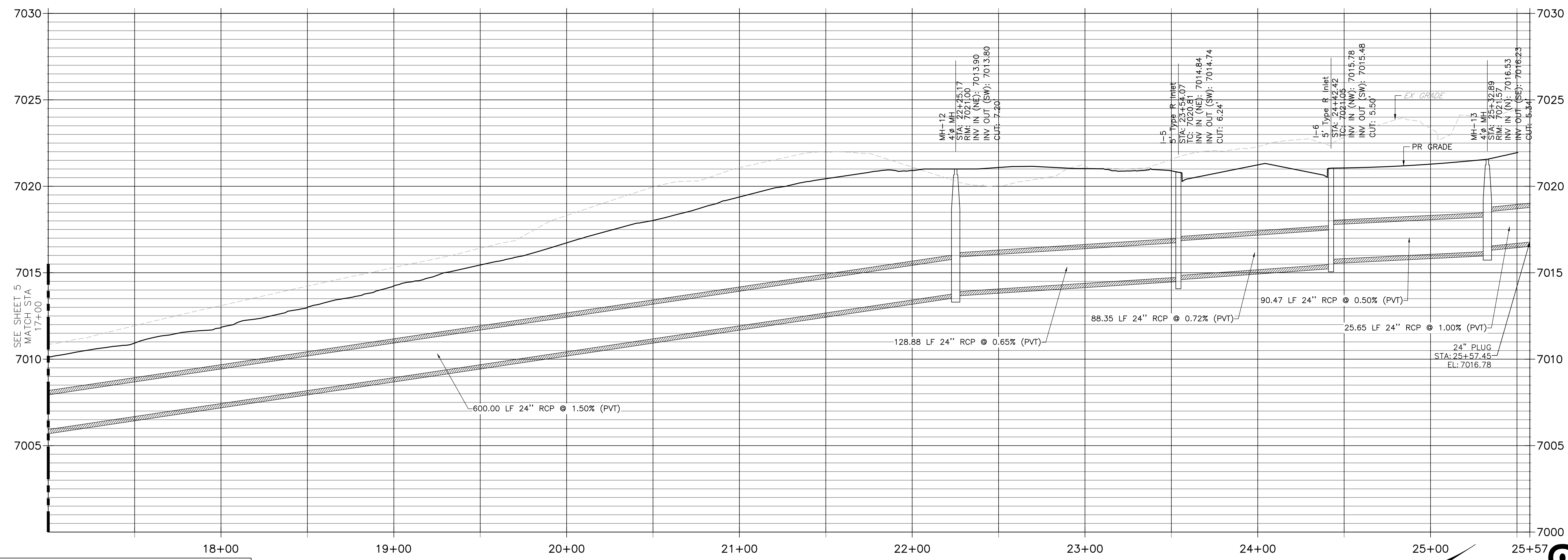
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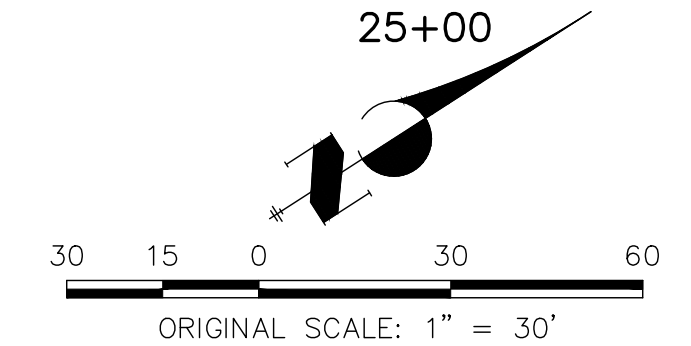
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DATE

**DP03 (CONT.)
 STA 17+00.00 TO 25+57.45**



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REV	DESCRIPTION	DATE

JOB NO: 24013 LOCATION: EPC
 SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
 STORM SEWER PLAN & PROFILE

DESIGN: REB
 REVIEW: NOJ
 DATE: 07/01/2024
 (H)-SCALE: 1" = 30'
 (V)-SCALE: 1" = 3'
 SHEET
 6 OF 8

PLANOMETRICS

	EXISTING	PROPOSED
SECTION LINE	---	---
RIGHT-OF-WAY	---	---
PARCEL LINE	---	---
EASEMENT LINE	---	---
BOUNDARY LINE	---	---
CENTER LINE	---	---

CONSTRUCTION

	EXISTING	PROPOSED
C&G	---	---
EDGE OF ASPHALT	---	---
CONCRETE	---	---
SIDE WALK	---	---
CROSS PAN	---	---
PARKING LOT STRIPING	---	---
ROADWAY STRIPING - DHASED	---	---
ROADWAY STRIPING - DOTTED	---	---
GUARDRAIL	---	---
FENCE	---	---
SOUNDWALL	---	---
DEMO	---	---
GRAVEL	---	---
RIPRAP	---	---
DIRT	---	---
TRAIL/PATH	---	---
RAIL LINE	---	---

GRADING

	EXISTING	PROPOSED
CONTOUR INTERMEDIATE	---	---
CONTOUR INDEX	---	---
TOP OF SLOPE	---	---
TOE OF SLOPE	---	---
CUT/FILL BOUNDARY	---	---
LIMITS OF GRADING	---	---
LIMITS OF DISTURBANCE	---	---

UTILITIES

	EXISTING	PROPOSED
SANITARY SEWER	SS	SS
SANITARY SEWER SERVICE	SS	SS
POTABLE WATER MAIN	W	W
POTABLE WATER SERVICE	W	W
RAW WATER MAIN	RAW	RAW
IRRIGATION MAIN	---	---
SANITARY FORCE MAIN	FM	FM
UNDER-DRAIN	UD	UD
GAS PIPE	G	G
HIGH PRESSURE GAS	HPG	HPG
OIL/PETROLEUM LINE	O	O
UNDER-GROUND ELECTRIC	UGE	UGE
OVER-HEAD ELECTRIC	OHU	OHU
FIBER OPTIC	FO	FO
COMMUNICATION LINES MISC.	COM	COM
STORM PIPE	---	---
HGL MINOR	---	---
HGL MAJOR	---	---

DRAINAGE

	EXISTING	PROPOSED
BASE FLOOD ELEVATION	---	---
100-YR FLOOD PLAIN	---	---
500-YR FLOOD PLAIN	---	---
FLOODWAY	---	---
SWALE/DITCH	---	---
THALWEG (STREAM/CREEK)	---	---
LIMITS OF WETLANDS	---	---
EDGE OF WATER	---	---
SILT FENCE	---	---
CONSTRUCTION FENCE/MARKERS	---	---

UTILITY SYMBOLS

	EXISTING	PROPOSED
STORM SEWER	⊙	●
MANHOLE	⊙	●
STORM INLET	□	■
AREA INLET - SQUARE	□	■
AREA INLET - ROUND	○	●
FLARED END SECTION	▷	▷

TRAFFIC

	EXISTING	PROPOSED
TRAFFIC SIGNAL BOX	⊠	⊠
TRAFFIC SIGNAL POLE	⊠	⊠
SIGN	⊠	⊠
STREET LIGHT	⊙	⊙
STREET LIGHT - SINGLE	⊙	⊙
STREET LIGHT - DOUBLE	⊙	⊙
LUMINAIRE	⊙	⊙

LANDSCAPE

	EXISTING	PROPOSED
TREE - CONIFEROUS	⊙	⊙
TREE - DECIDUOUS	⊙	⊙
SHRUB/BUSH	⊙	⊙
SHRUBS AND BUSHES	⊙	⊙
IRRIGATION BOX	⊙	⊙
IRRIGATION SPRINKLER	⊙	⊙
IRRIGATION VALVE	⊙	⊙
BOLLARD	⊙	⊙
FLAGPOLE	⊙	⊙

UTILITY SYMBOLS

	EXISTING	PROPOSED
LINE MARKER	Mkr San ^o	
SERVICE MARKER	△	
CLEAN-OUT	○	+
MANHOLE	⊙	●

WATER

	EXISTING	PROPOSED
LINE MARKER	Mkr W ^o	
SERVICE MARKER	△	
FIRE HYDRANT	⊙	●
FIRE CONNECTION	⊙	●
MANHOLE	⊙	●
BEND	⊙	●
BLOW-OFF VALVE	⊙	●
WELL	⊙	●
METER	⊙	●
VALVE	⊙	●
REDUCER	⊙	●
THRUST BLOCK	⊙	●
CROSS	⊙	●
PLUG W/ THRUST BLOCK	⊙	●
TEE	⊙	●
REVERSE ANCHOR	⊙	●
ANODE	⊙	●
AIR & VACUUM VALVE ASSEMBLY	⊙	●

GAS

	EXISTING	PROPOSED
MARKER	Mkr G ^o	
SERVICE MARKER	△	
METER	⊙	●

DRY UTILITIES

	EXISTING	PROPOSED
CABLE TV MARKER	Mkr TV ^o	
CABLE TELEVISION PEDESTAL	⊙	●
ELECTRIC MARKER	Mkr E ^o	
ELECTRIC SERVICE MARKER	△	
ELECTRICAL PEDESTAL	⊙	●
ELECTRICAL METER	⊙	●
ELECTRICAL MANHOLE	⊙	●
FIBER-OPTIC MARKER	Mkr FO ^o	
IRRIGATION PEDESTAL	⊙	●
TELEPHONE MARKER	Mkr T ^o	
TELEPHONE PEDESTAL	⊙	●
TELEPHONE MANHOLE	⊙	●
UTILITY POLE	⊙	●
GUY ANCHOR	⊙	●
GUY POLE	⊙	●

MISC. UTILITIES

	EXISTING	PROPOSED
VENT PIPE	⊙	●
TEST HOLE DESIGNATOR	⊙	●

ABBREVIATIONS:

ASCE - AMERICAN SOCIETY OF CIVIL ENGINEERS	OH - OVERHEAD
BLDG - BUILDING	PB - PUBLIC
BW - BOTTOM OF WALL	PC - POINT OF CURVATURE
CG - CURB AND GUTTER	PCC - POINT OF COMPOUND CURVATURE
CIP - CAST IRON PIPE	PCR - POINT OF CURB RETURN
CL - CENTERLINE	PR - PROPOSED
CMP - CORRUGATED METAL PIPE	PRC - POINT OF REVERSE CURVATURE
CONC - CONCRETE	PVC - POLYVINYL CHLORIDE PIPE
DIP - DUCTILE IRON PIPE	PVT - PRIVATE
DS - DOWNSPOUT	PT - POINT OF TANGENCY
EL - ELEVATION	P.U.E - PUBLIC UTILITY EASEMENT
ESMT - EASEMENT	P.U.A.E - PUBLIC UTILITY & ACCESS EASEMENT
EX - EXISTING	P.U.D.E - PUBLIC UTILITY & DRAINAGE EASEMENT
FES - FLARED END SECTION	P.I.E - PUBLIC IMPROVEMENT EASEMENT
FL - FLOWLINE	R - RADIUS
GB - GRADE BREAK	RIM - RIM ELEVATION
HP - HIGH POINT	STM - STORM
HYD - HYDRANT	TBC - TOP BACK OF CURB
INV - INVERT ELEVATION	TW - TOP OF WALL
LF - LINEAR FEET	TYP - TYPICAL
LP - LOW POINT	UD - UNDERDRAIN
MH - MANHOLE	UT - UTILITY
MIN - MINIMUM	WTR - WATER
	XPAN - CROSSSPAN

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20 BOULDER CRESCENT STREET, SUITE 100
COLORADO SPRINGS, CO 80903
ATTN: JIM MORLEY
(719) 491-3024
#####

UNLESS SPECIFIED OTHERWISE, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.

DATE: _____
REV: _____

LOCATION: EPC

JOB NO: 24013

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

LEGEND

DESIGN: NQJ
REVIEW: REB
DATE: 12/09/2024

H-SCALE: N/A
V-SCALE: N/A

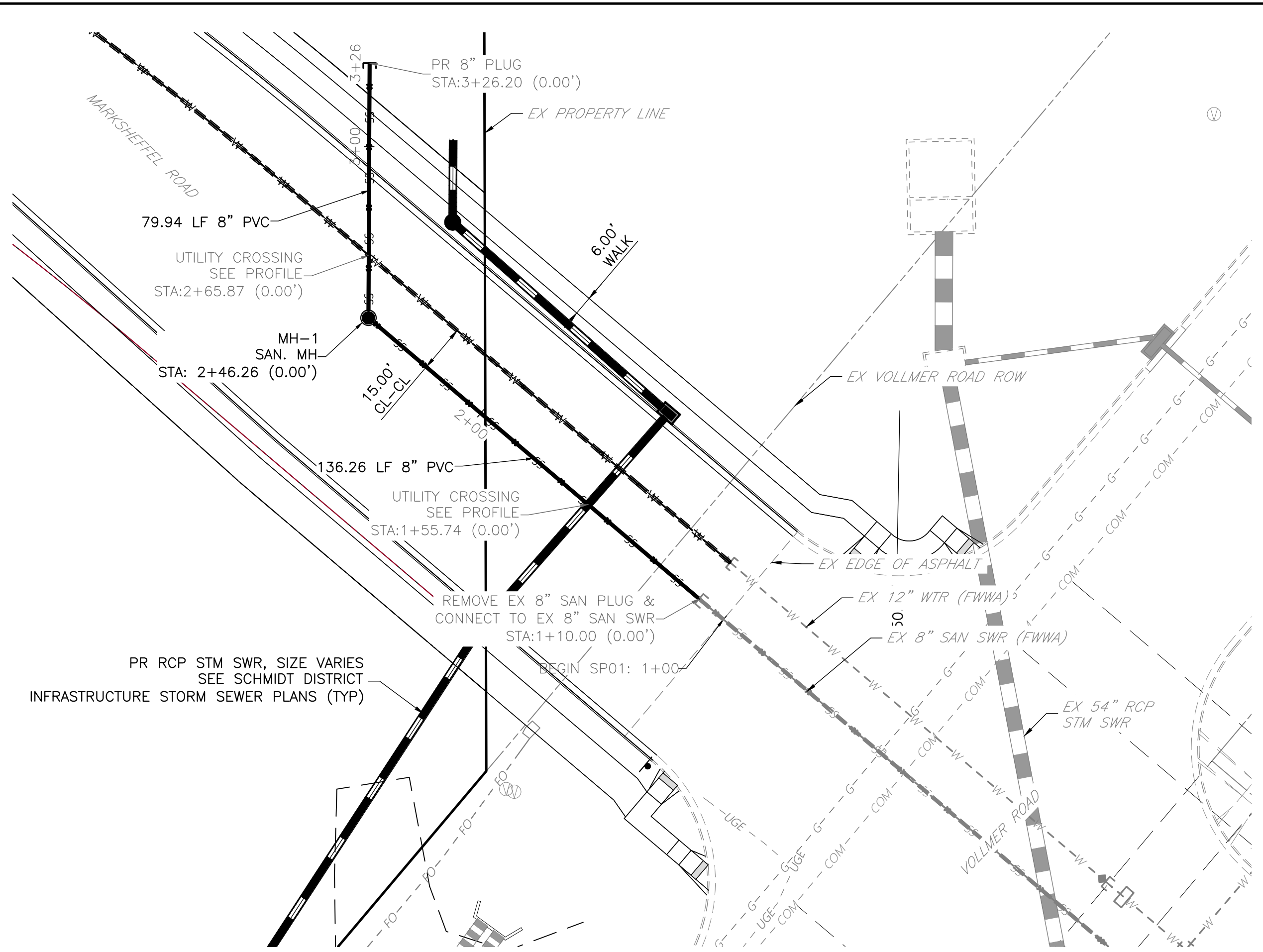
SHEET 2 OF 4

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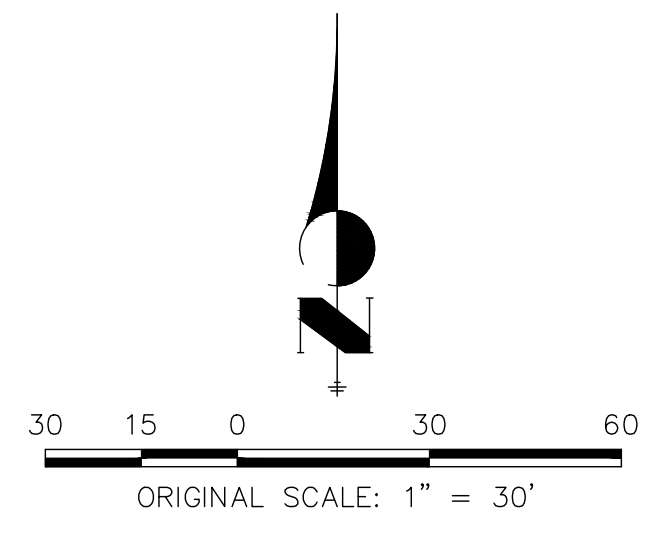
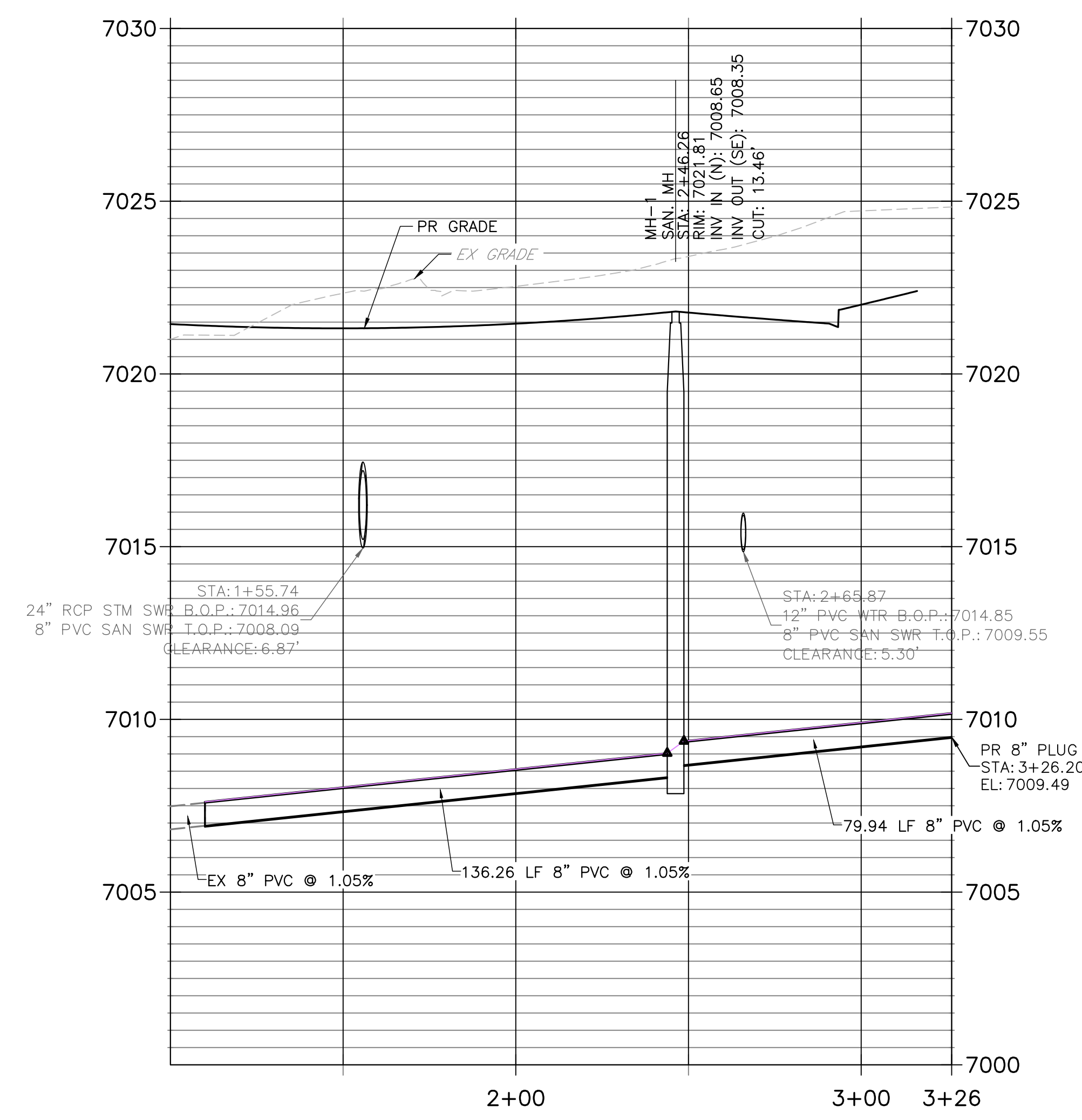


Know what's below.
Call before you dig.

ALL TERRAIN ENGINEERING
10177 80th Ave - Boulder, CO 80501
303.440.1234
www.allterraineng.com



**SP01
STA 1+00.00 TO 3+26.20**



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RYAN E. BURNS P.E.
 COLORADO P.E. 54412
 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC

DATE _____

RYAN E. BURNS, P.E.
 550 391 7600 - RAB@allterraineng.com

PREPARED FOR:
 TURKEY CANON QUARRY INC
 20 BOULDER CRESCENT STREET, SUITE 100
 COLORADO SPRINGS, CO 80903
 ATTN: JIM MORLEY
 (719) 491-3024
 #####

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

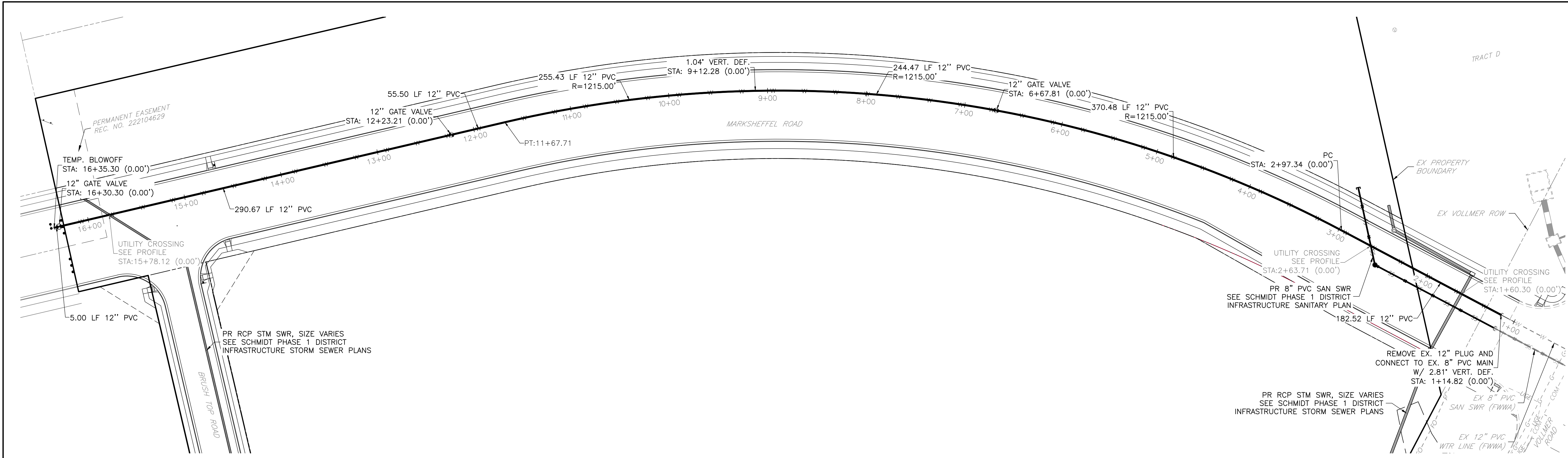
REV	DESCRIPTION	DATE

LOCATION: EPC
 JOB NO: 24013

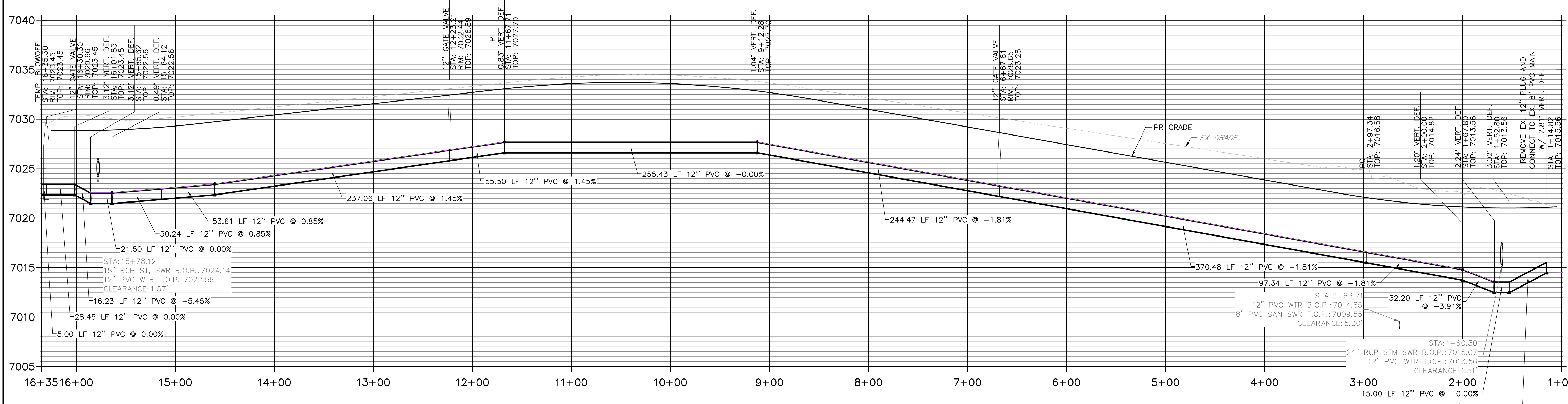
SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

SANITARY PLAN & PROFILE

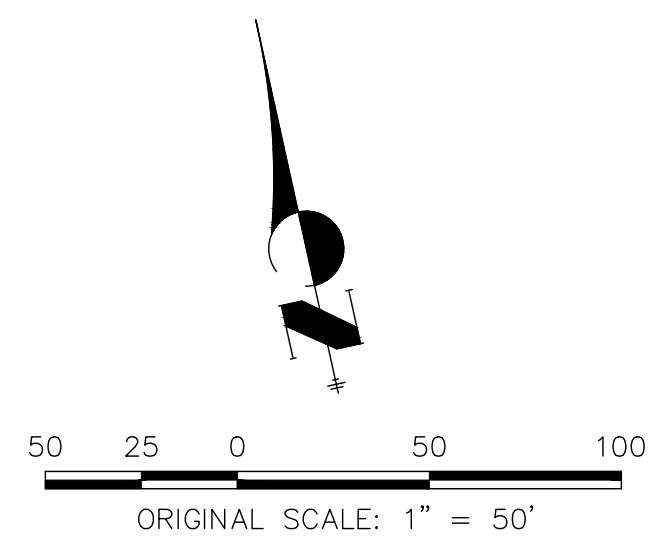
DESIGN: NQJ
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 DATE: 12/09/2024
 H-SCALE: 1" = 30'
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 SHEET
 3 OF 4



**ALIGNMENT WP01
STA 1+00.00 TO 16+35.30**




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REV	DESCRIPTION	DATE

JOB NO: 24013 LOCATION: EPC

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE	WATER MAIN EXTENSION
---	----------------------

DESIGN: REB
 REVIEW: NOJ
 DATE: 12/09/2024
 H-SCALE: 1" = 50'
 V-SCALE: 1" = 5'
 SHEET
 3 OF 5

