

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

EL PASO COUNTY, COLORADO STREET IMPROVEMENT PLANS

PCD File No. CDR2413

GENERAL CONSTRUCTION NOTES:

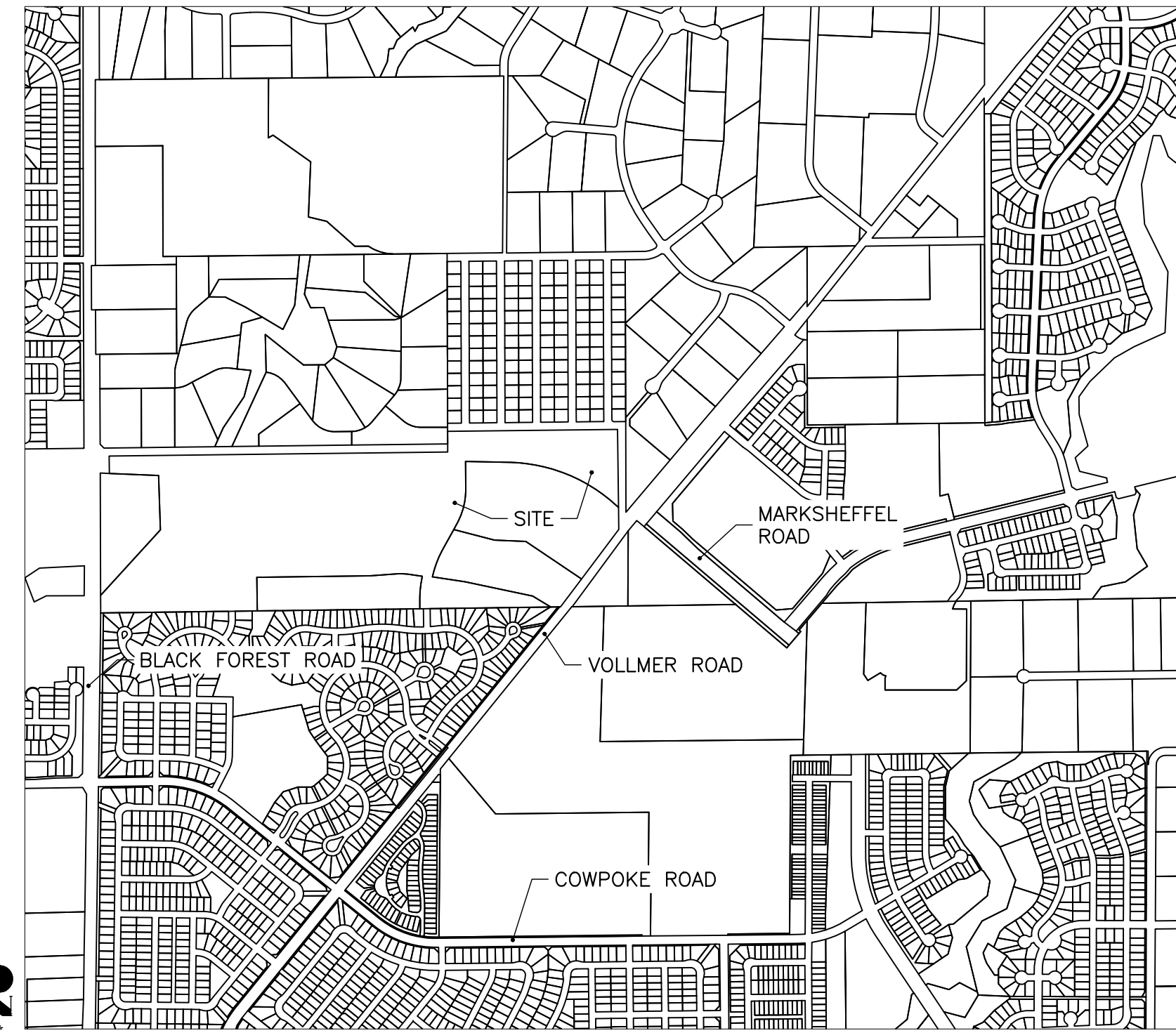
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- 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.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- 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.
- 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).
- ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO EPC ECM APPENDIX K - 1.2C.
- ALL INTERSECTION ACCESSES 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.
- 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.
- 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 DEVELOPMENT SERVICES ENGINEERING DIVISION PRIOR TO CONSTRUCTION.

SIGNING AND STRIPING NOTES:

- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 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.
- ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
- 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.
- STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
- ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
- 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"
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- 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.
- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- 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.
- 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.
- THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
- THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

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'

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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 RANCHEROS SUBDIVISION
NORTHING = 411095.404
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 201
COLORADO SPRINGS, CO 80903

STREET DESIGN FOR CITY ENGINEERING

UTILITY GRADE REVIEW:	DATE:
CURB & GUTTER REVIEW:	DATE:
FINAL REVIEW:	DATE:
DRAINAGE DESIGN:	DATE:

THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CORD OF THE CITY OF COLORADO SPRINGS, 2001 AS AMENDED.

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

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 _____

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



RYAN E. BURNS, P.E.
560 919 3000 - RICE@STERLINGMTRD.COM

PREPARED FOR:
TURKEY CANON QUARRY INC.
20 BOULDER CRESCENT SUITE 201
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.

JOB NO: 24013	LOCATION: ###	DATE
REV	DESCRIPTION	DATE

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

COVER SHEET

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

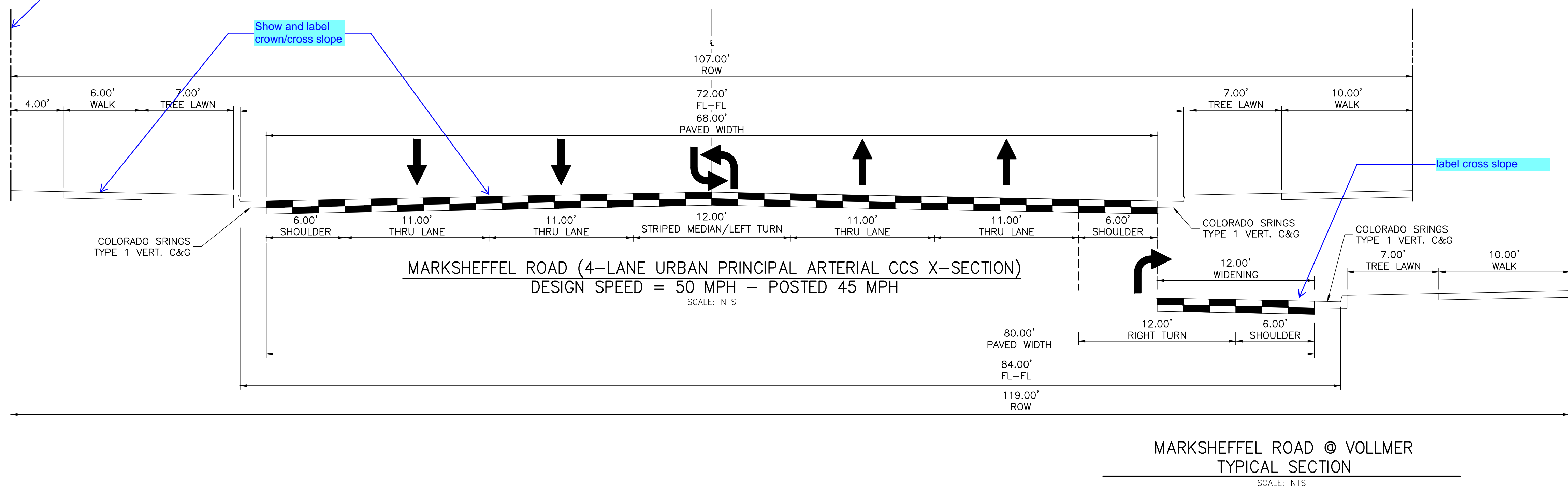
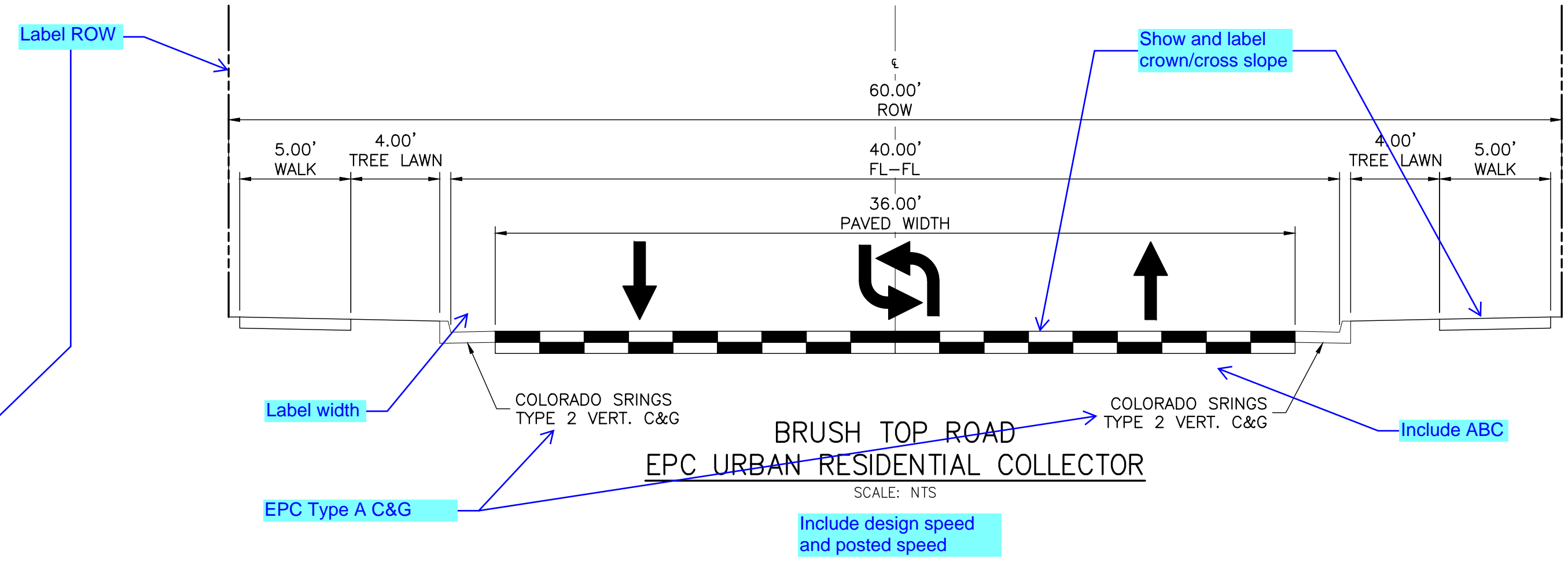
H-SCALE: 1"=1000'

V-SCALE: N/A

SHEET

1 OF 25





MARKSHEFFEL ROAD @ VOLLMER
TYPICAL SECTION
SCALE: NTS



PREPARED FOR:
TURKEY CANON QUARRY INC.
1000 S. W. 10th St., Suite 100
Ft. Lauderdale, FL 33304
ATTN: JIM MORLEY
(754) 491-3024
JMORLEY3870@AOL.COM

UNTIL SUCH TIME AS THESE
DRAWINGS ARE APPROVED BY THE
APPROPRIATE REVIEWING 20
AGENCIES, ALL TERRAIN
ENGINEERING APPROVES THEIR
USE ONLY FOR THE PURPOSES
DESIGNATED BY WRITTEN
AUTHORIZATION.

LOCATION: EPC	DATE
JOB NO: 24013	
REV DESCRIPTION	

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
TYPICAL SECTIONS

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

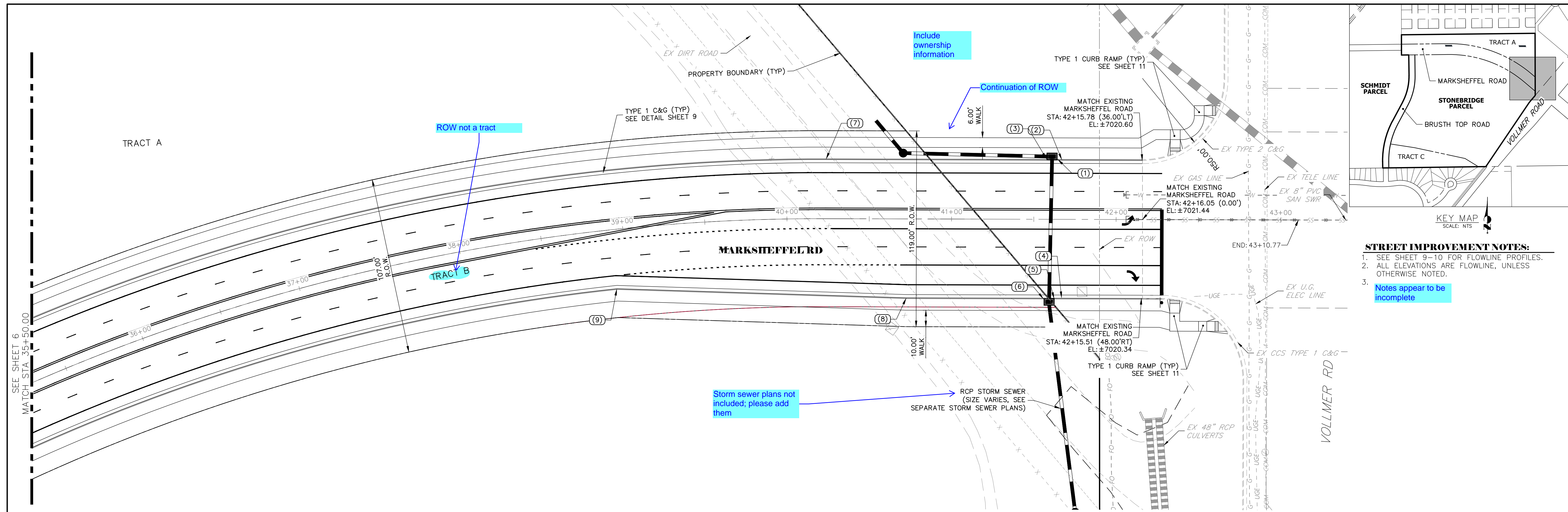
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SHEET
3 OF 25

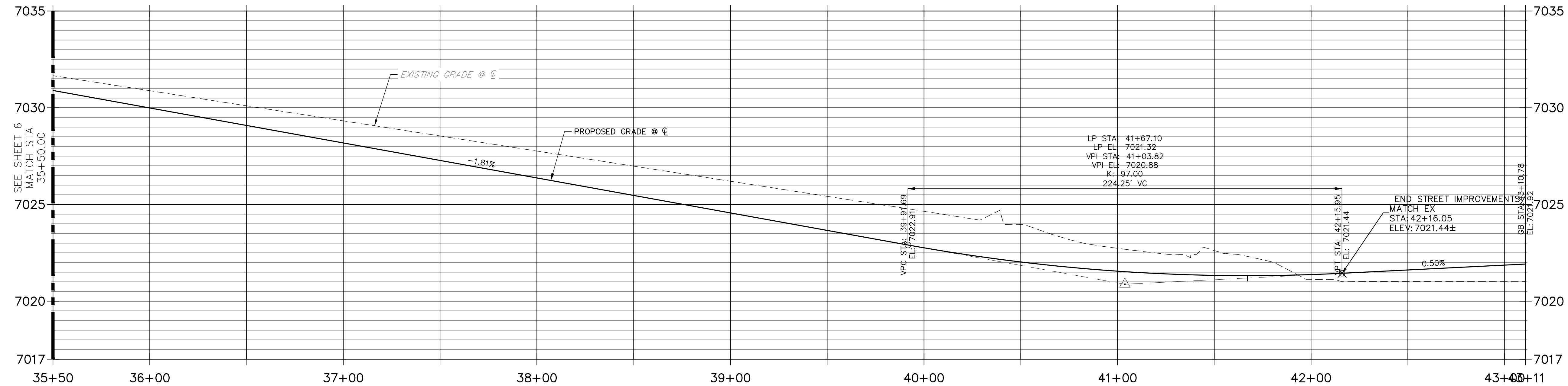


Know what's below.
Call before you dig.

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.



**MARKSHEFFEL ROAD PROFILE
STA 35+50.00 TO 43+10.86**



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.

DESIGN DATA

SIDEWALKS: _____ WIDTH: _____ ROW WIDTH: _____

LOCATION: ATTACHED: DETACHED: FL-FL: _____

DESIGN SPEED: _____ THICKNESS: _____

CURB TYPE: 1 2 3 4 5 COMPOSITE SECTION: _____

HMA: _____ BASE COURSE: _____

STREET DESIGN FOR CITY ENGINEERING

UTILITY GRADE REVIEW: _____ DATE: _____

CURB & GUTTER REVIEW: _____ DATE: _____

FINAL REVIEW: _____ DATE: _____

DRAINAGE DESIGN: _____ DATE: _____

THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CORD OF THE CITY OF COLORADO SPRINGS, 2001 AS AMENDED.

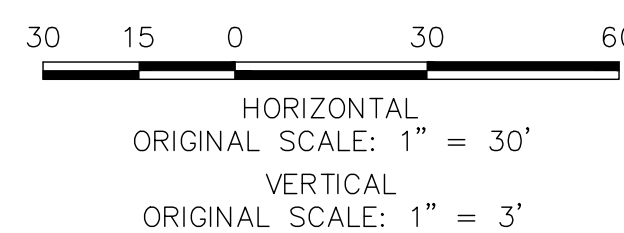
POINT TABULATION					
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
(1)	41+64.15	36.67' (LT)	Marksheffel Road	7021.02	INLET EDGE @ TBC
(2)	41+67.09	36.00' (LT)	Marksheffel Road	7020.51	LP
(3)	41+57.81	36.50' (LT)	Marksheffel Road	7021.02	INLET EDGE @ TBC
(4)	41+67.09	48.00' (RT)	Marksheffel Road	7020.27	LP
(5)	41+62.59	48.50' (RT)	Marksheffel Road	7020.78	INLET EDGE @ TBC
(6)	41+56.26	48.50' (RT)	Marksheffel Road	7020.78	INLET EDGE @ TBC
(7)	40+23.54	36.00' (LT)	Marksheffel Road	7021.58	PT
(8)	40+72.77	48.00' (RT)	Marksheffel Road	7020.74	PI
(9)	38+92.66	36.00' (RT)	Marksheffel Road	7023.89	PI

ENGINEER'S STATEMENT

PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF ALL TERRAIN ENGINEERING

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

DATE: _____



ALL TERRAIN ENGINEERING

PREPARED FOR:
TURKEY CANON QUARRY INC.
20 BOULDER CRESCENT 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.

DATE	REV DESCRIPTION

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

MARKSHEFFEL ROAD

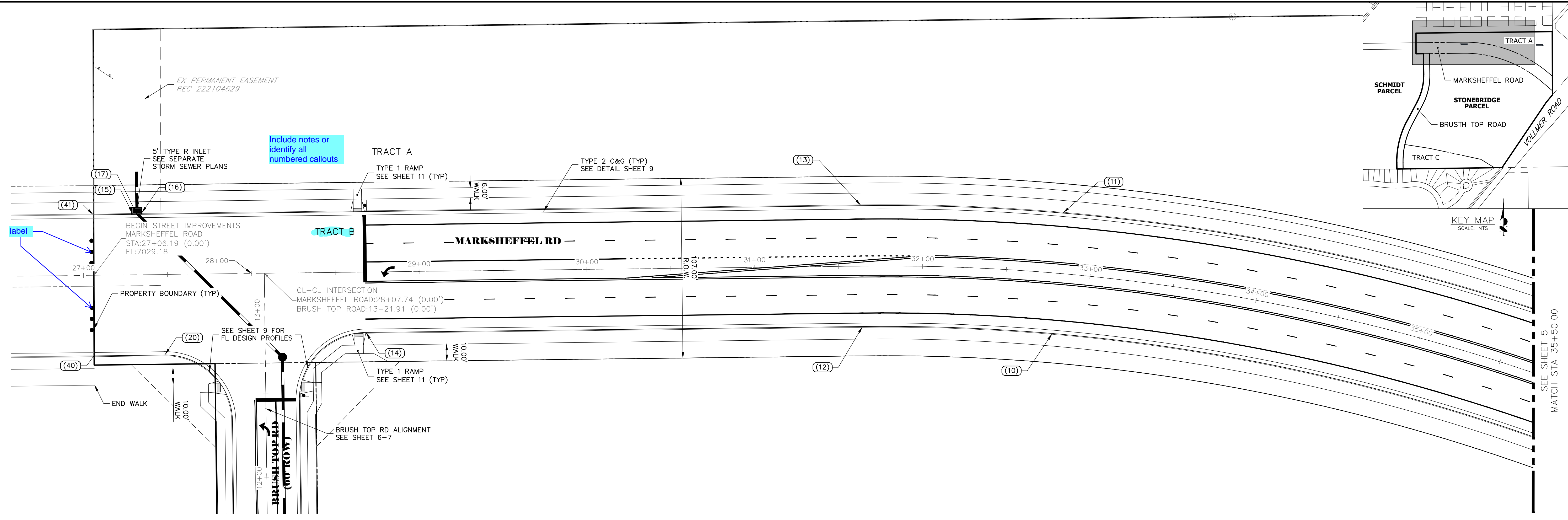
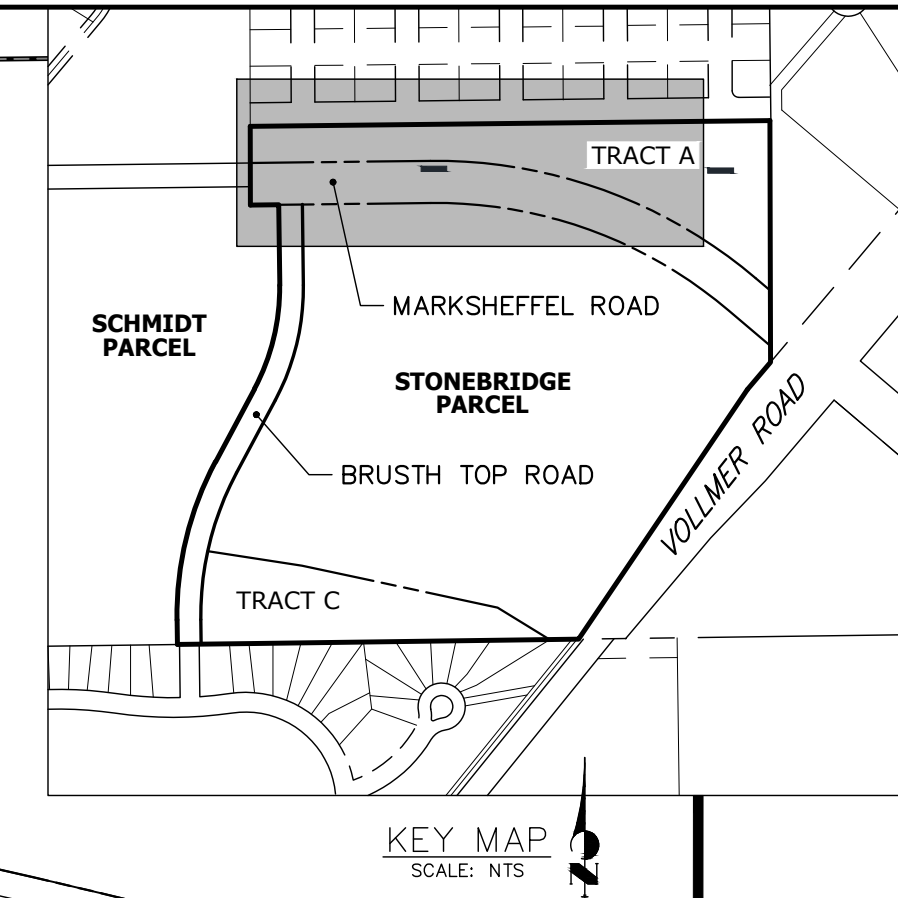
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ATTN: JIM MORLEY
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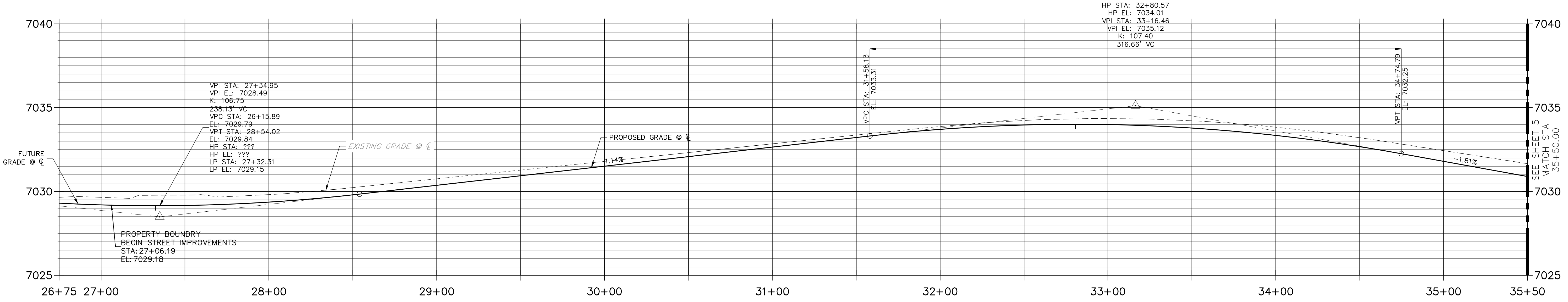
DATE	DESCRIPTION	LOCATION: EPC

JOB NO: 24013
SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
MARKSHEFFEL ROAD (CONT.)

DESIGN: REB
REVIEW: NOJ
DATE: 07/01/2024
H-SCALE: 1" = 30'
V-SCALE: 1" = 3'
SHEET
6 OF 25



**MARKSHEFFEL ROAD PROFILE (CONT.)
STA 26+75.00 TO 35+50.00**



- STREET IMPROVEMENT NOTES:**
- SEE SHEET 9-10 FOR FLOWLINE PROFILES.
 - ALL ELEVATIONS ARE FLOWLINE, UNLESS OTHERWISE NOTED.
 -

POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
(10)	32+80.57	36.00' (RT)	Marksheffel Road	7033.20	HP
(11)	32+80.57	36.00' (LT)	Marksheffel Road	7033.20	HP
(12)	31+63.90	36.00' (RT)	Marksheffel Road	7032.57	PC
(13)	31+63.90	36.00' (LT)	Marksheffel Road	7032.57	PC
(14)	28+67.74	36.00' (RT)	Marksheffel Road	7029.15	PT
(15)	27+29.81	36.50' (LT)	Marksheffel Road	7028.85	INLET EDGE @ TBC
(16)	27+34.81	36.50' (LT)	Marksheffel Road	7028.85	INLET EDGE @ TBC
(17)	27+32.31	36.00' (LT)	Marksheffel Road	7028.35	LP
(20)	27+47.74	48.00' (RT)	Marksheffel Road	7028.07	PC
(40)	27+05.86	48.00' (RT)	Marksheffel Road	7029.37	BEGIN T2 C&G

POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
(41)	27+06.51	36.00' (LT)	Marksheffel Road	7028.38	BEGIN T2 C&G

DESIGN DATA

SIDEWALKS: _____ WIDTH: _____ ROW WIDTH: _____

LOCATION: ATTACHED: FL-FL: _____
DETACHED:

DESIGN SPEED: _____ THICKNESS: _____

CURB TYPE: 1 2 3 4 5 COMPOSITE SECTION: _____

HMA: _____ BASE COURSE: _____

STREET DESIGN FOR CITY ENGINEERING

UTILITY GRADE REVIEW: _____ DATE: _____

CURB & GUTTER REVIEW: _____ DATE: _____

FINAL REVIEW: _____ DATE: _____

DRAINAGE DESIGN: _____ DATE: _____

THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CORD OF THE CITY OF COLORADO SPRINGS, 2001 AS AMENDED.

ENGINEER'S STATEMENT

PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF ALL TERRAIN ENGINEERING

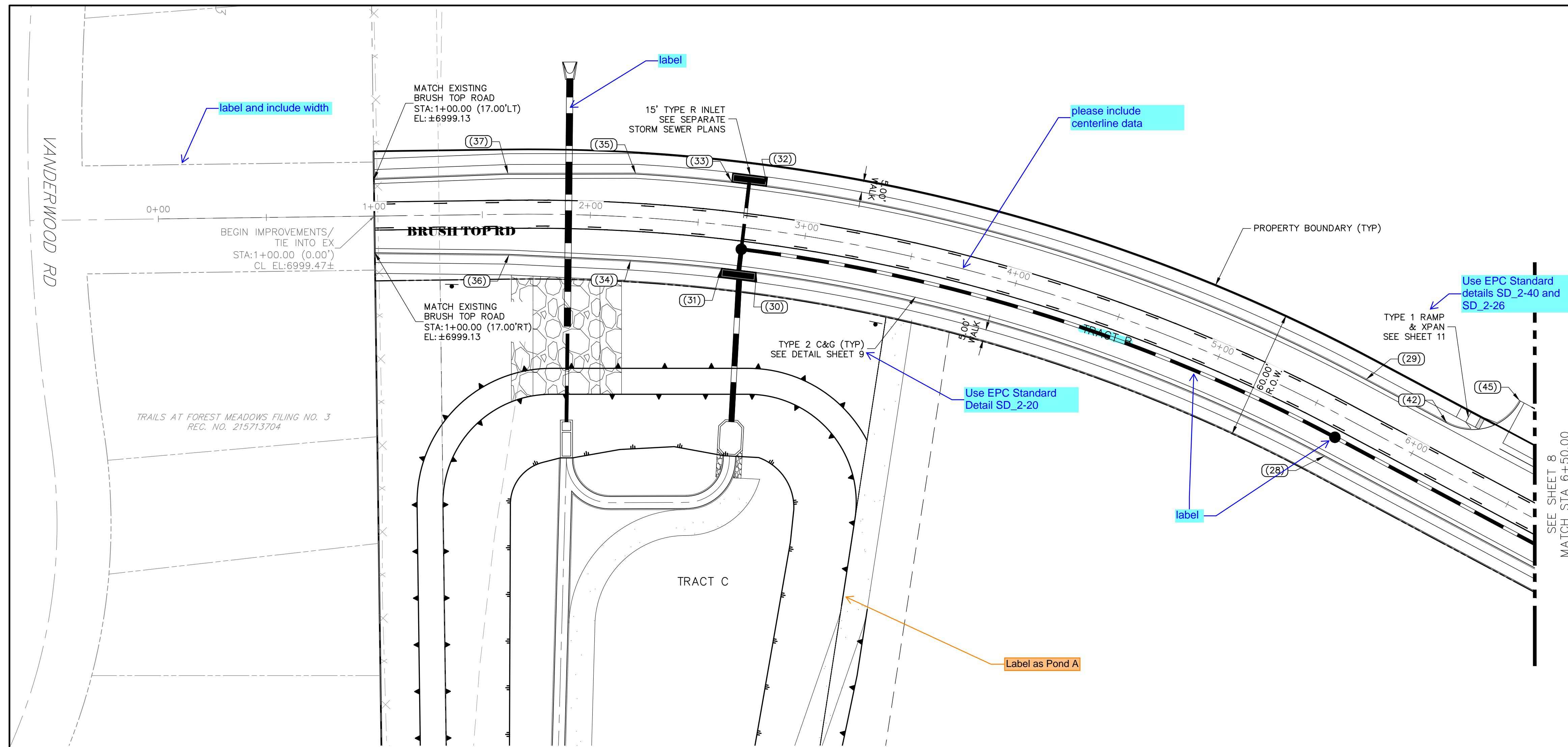
RYAN E. BURNS, P.E.
COLORADO P.E. 54412
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE: _____

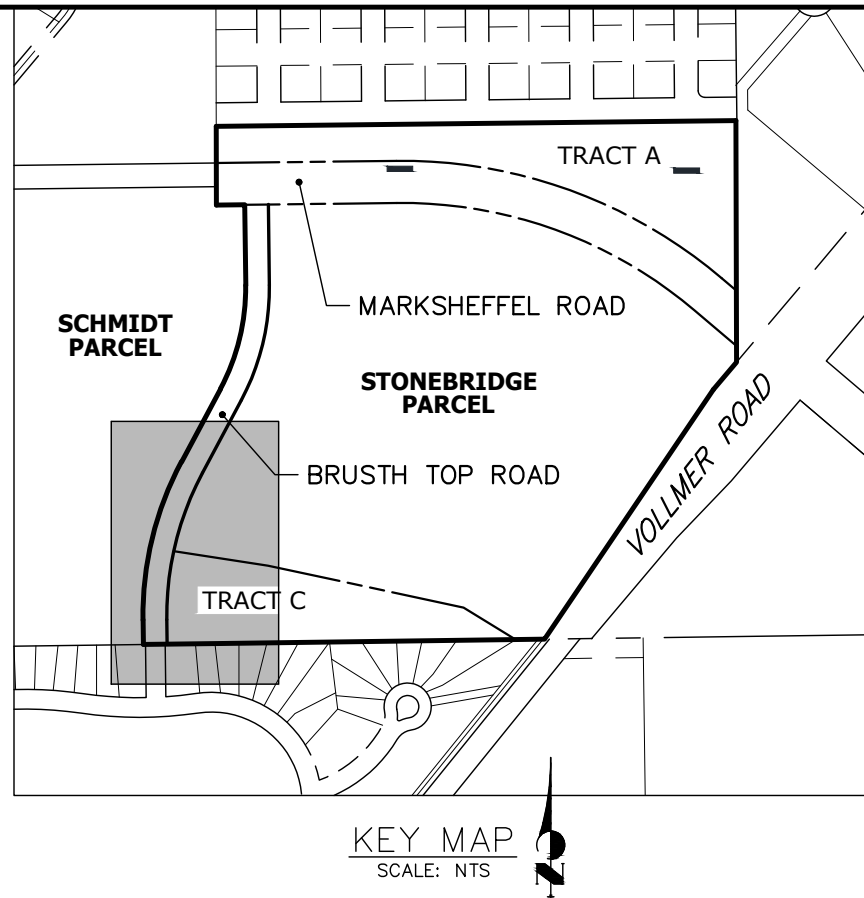
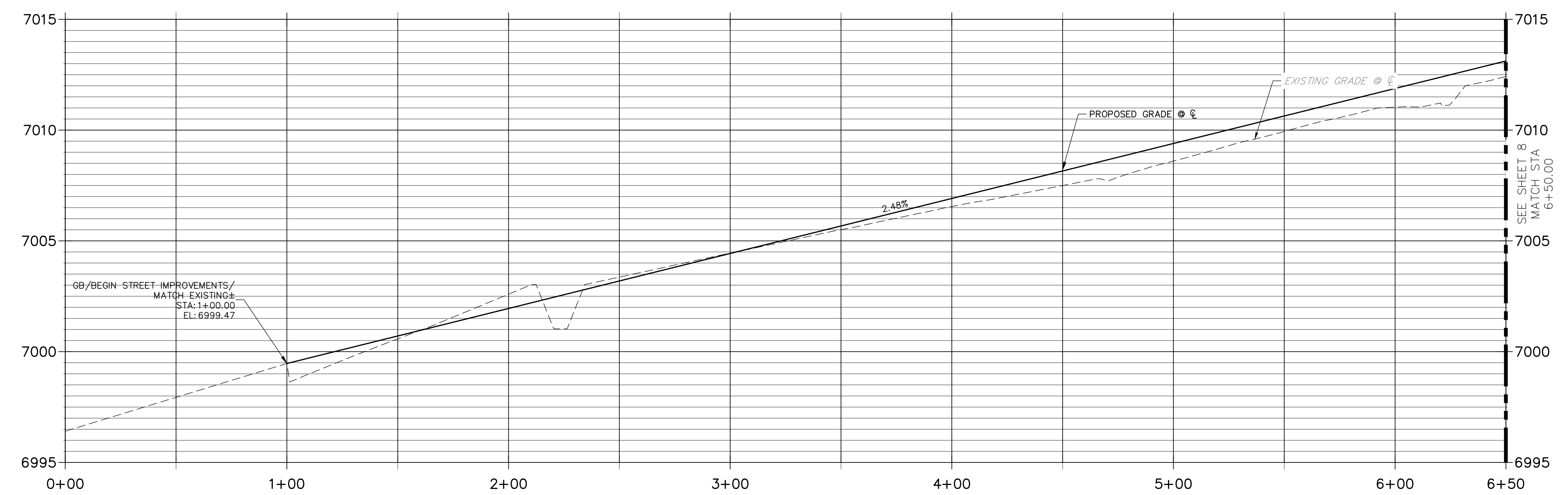


Know what's below.
Call before you dig.

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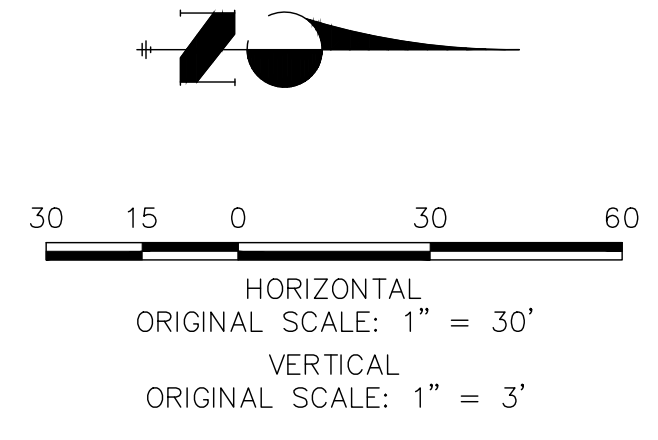


**BRUSH TOP ROAD PROFILE
STA 0+00.00 TO 6+50.00**



STREET IMPROVEMENT NOTES:
 1. SEE SHEET 9-10 FOR FLOWLINE PROFILES.
 2. ALL ELEVATIONS ARE FLOWLINE, UNLESS OTHERWISE NOTED.
 3.

POINT TABULATION					
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
(28)	5+65.04	20.00' (RT)	Brush Top Road	7010.53	PT
(29)	5+65.04	20.00' (LT)	Brush Top Road	7010.53	PT
(30)	2+79.84	20.50' (RT)	Brush Top Road	7003.95	INLET EDGE @ TBC
(31)	2+63.08	20.50' (RT)	Brush Top Road	7003.53	INLET EDGE @ TBC
(32)	2+79.21	20.50' (LT)	Brush Top Road	7003.93	INLET EDGE @ TBC
(33)	2+63.28	20.50' (LT)	Brush Top Road	7003.53	INLET EDGE @ TBC
(34)	2+20.00	20.00' (RT)	Brush Top Road	7001.96	PC
(35)	2+20.00	20.00' (LT)	Brush Top Road	7001.96	PC
(36)	1+62.27	18.56' (RT)	Brush Top Road	7000.56	PT
(37)	1+62.27	18.56' (LT)	Brush Top Road	7000.56	PT
(42)	6+07.86	20.00' (LT)	Brush Top Road	7011.59	PCR
(45)	6+32.86	45.00' (LT)	Brush Top Road	7012.72	PCR



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

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

DATE

ALL TERRAIN ENGINEERING
 PREPARED FOR: TURKEY CANON QUARRY INC., 20 BOULDER CRESCENT STREET, SUITE 100, COLORADO SPRINGS, CO 80903
 ATTN: JIM MORLEY (719) 491-3024
 JIMORLEY3870@AOL.COM

UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE FLOWLINE, UNLESS OTHERWISE NOTED.

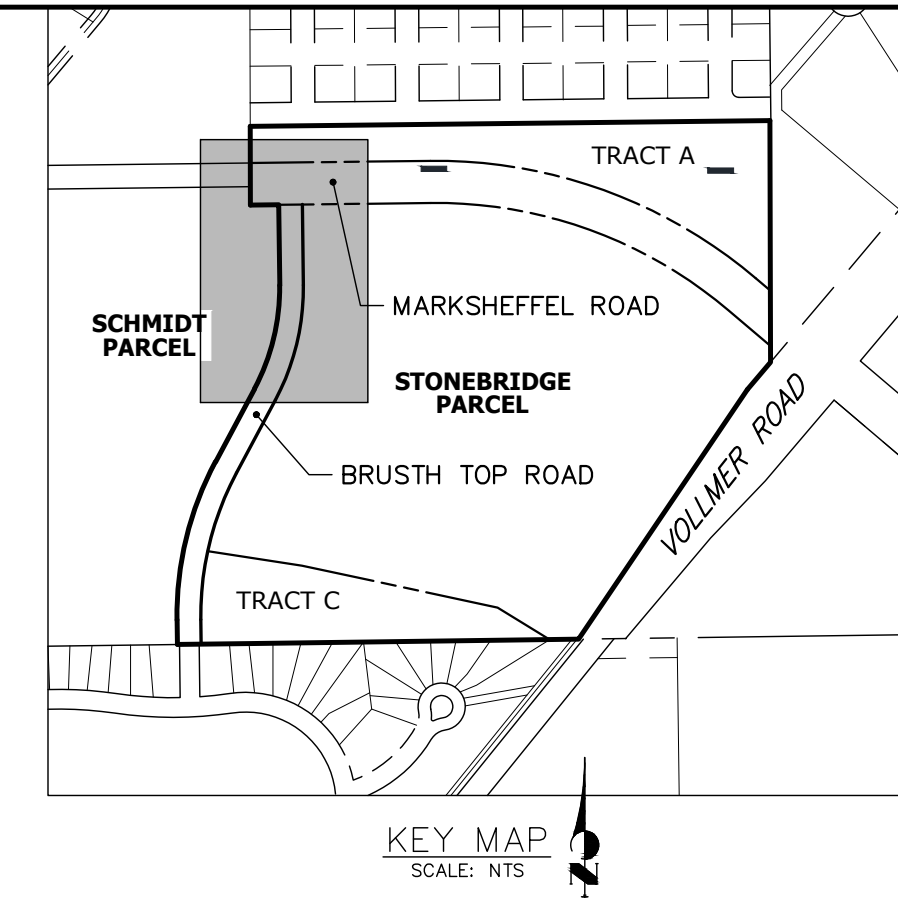
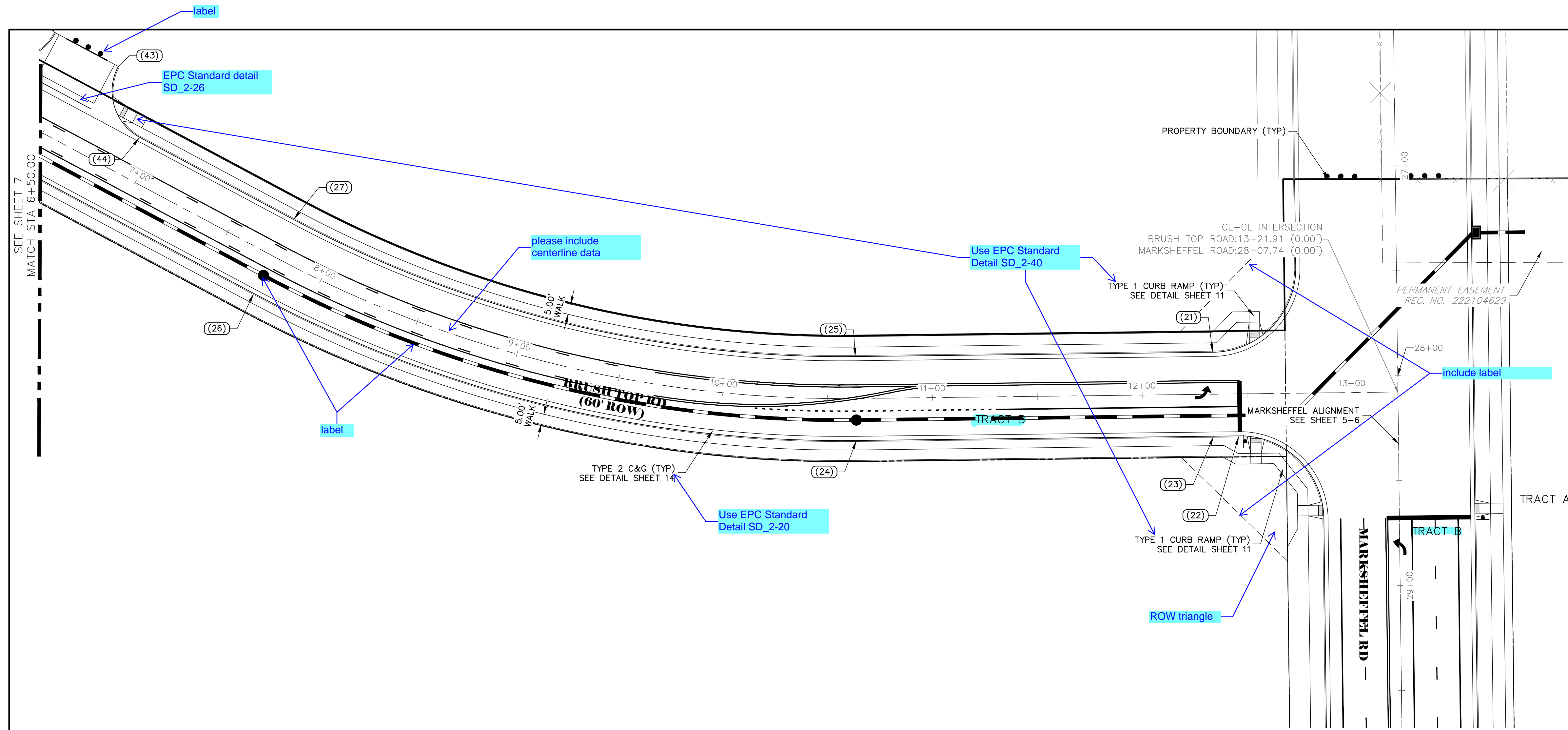
UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

JOB NO: 24013
 LOCATION: EPC
 REV DESCRIPTION
 DATE

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
 BRUSHTOP ROAD

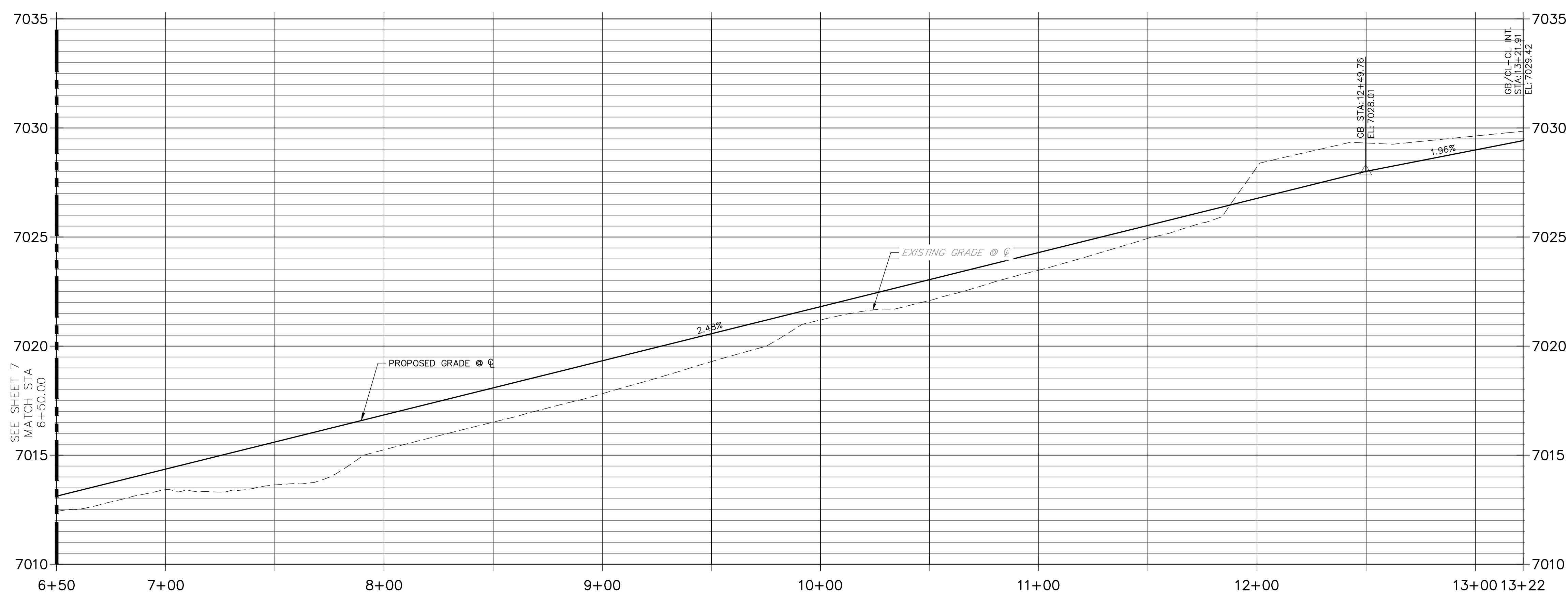
DESIGN: REB
 REVIEW: NOJ
 DATE: 07/01/2024
 H-SCALE: 1" = 30'
 V-SCALE: 1" = 3'

SHEET 7 OF 25

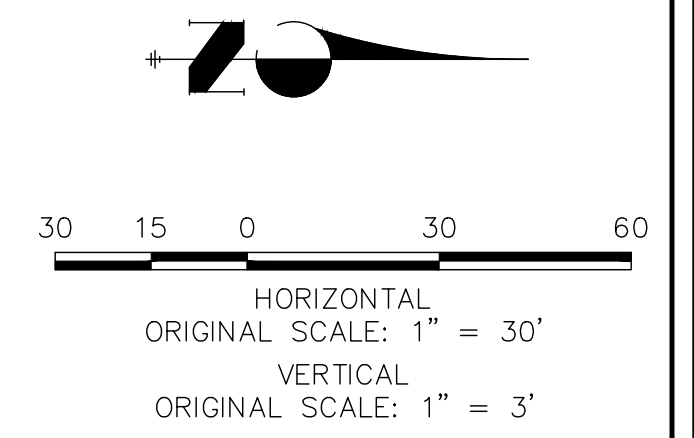


STREET IMPROVEMENT NOTES:
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 3.

**BRUSH TOP ROAD PROFILE (CONT.)
 STA 6+50.00 TO 13+21.91**



POINT TABULATION					
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
(21)	12+33.91	20.00' (LT)	Brush Top Road	7027.13	PC
(22)	12+45.90	20.00' (RT)	Brush Top Road	7027.27	PC
(23)	12+33.91	20.00' (RT)	Brush Top Road	7027.13	GB
(24)	10+63.63	20.00' (RT)	Brush Top Road	7022.90	PT
(25)	10+63.63	20.00' (LT)	Brush Top Road	7022.90	PT
(26)	7+74.79	20.00' (RT)	Brush Top Road	7015.73	PC
(27)	7+74.79	20.00' (LT)	Brush Top Road	7015.73	PC




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

DATE



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 TURKEY CANON QUARRY INC.
 20 BOULDER CRESCENT STREET, SUITE 100
 COLORADO SPRINGS, CO 80903
 ATTN: JIM MORLEY
 (719) 491-3024
 JIMORLEY3870@AOL.COM

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DATE	DESCRIPTION

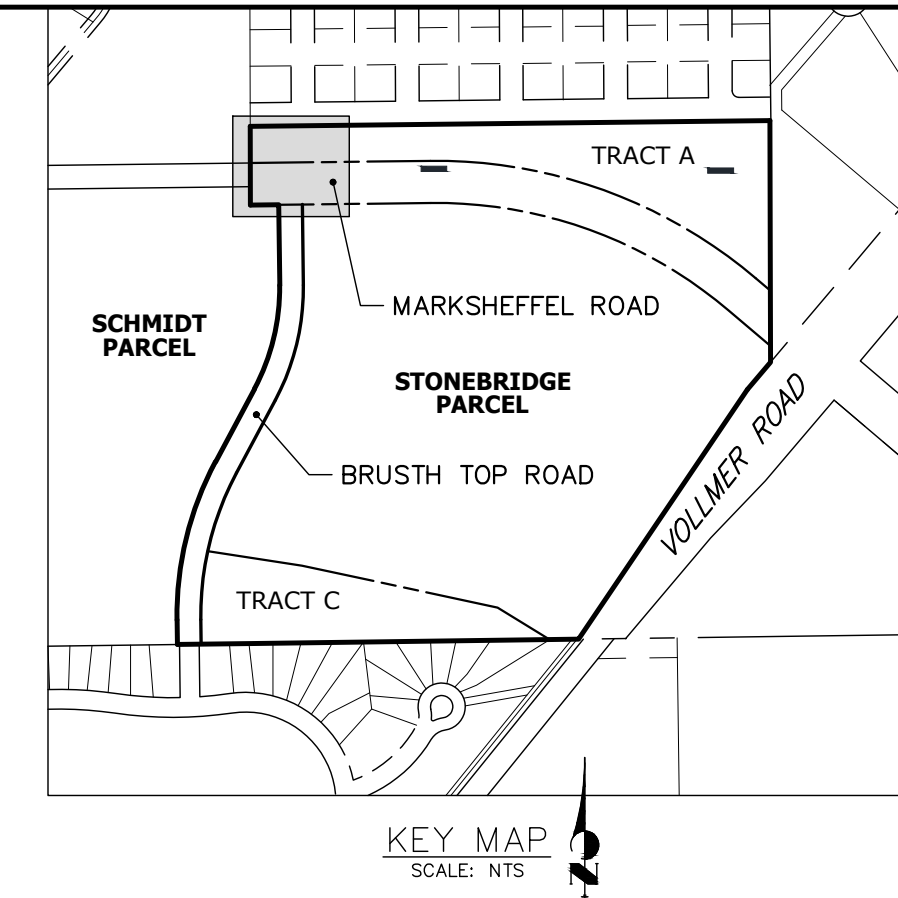
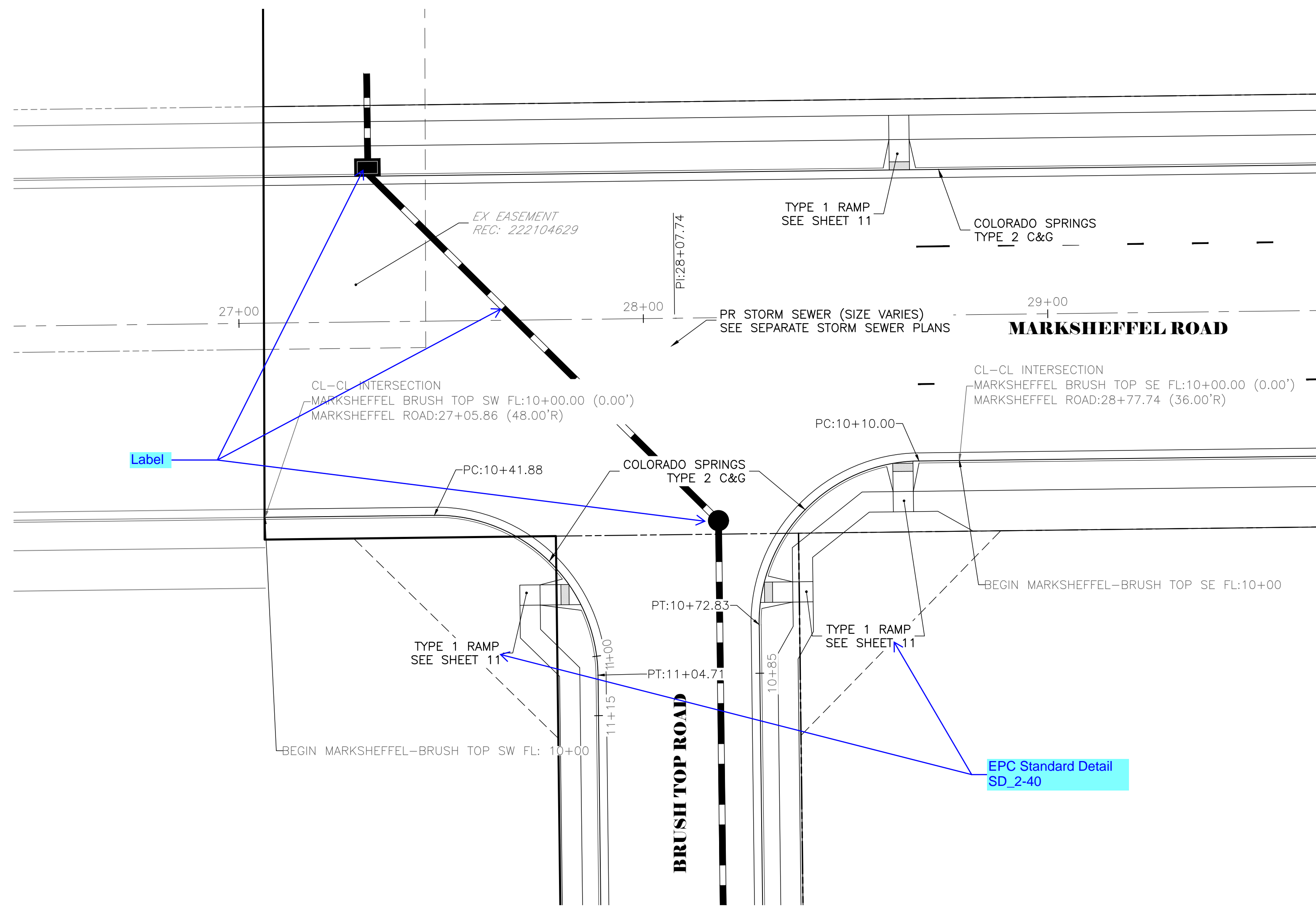
JOB NO: 24013 LOCATION: EPC

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

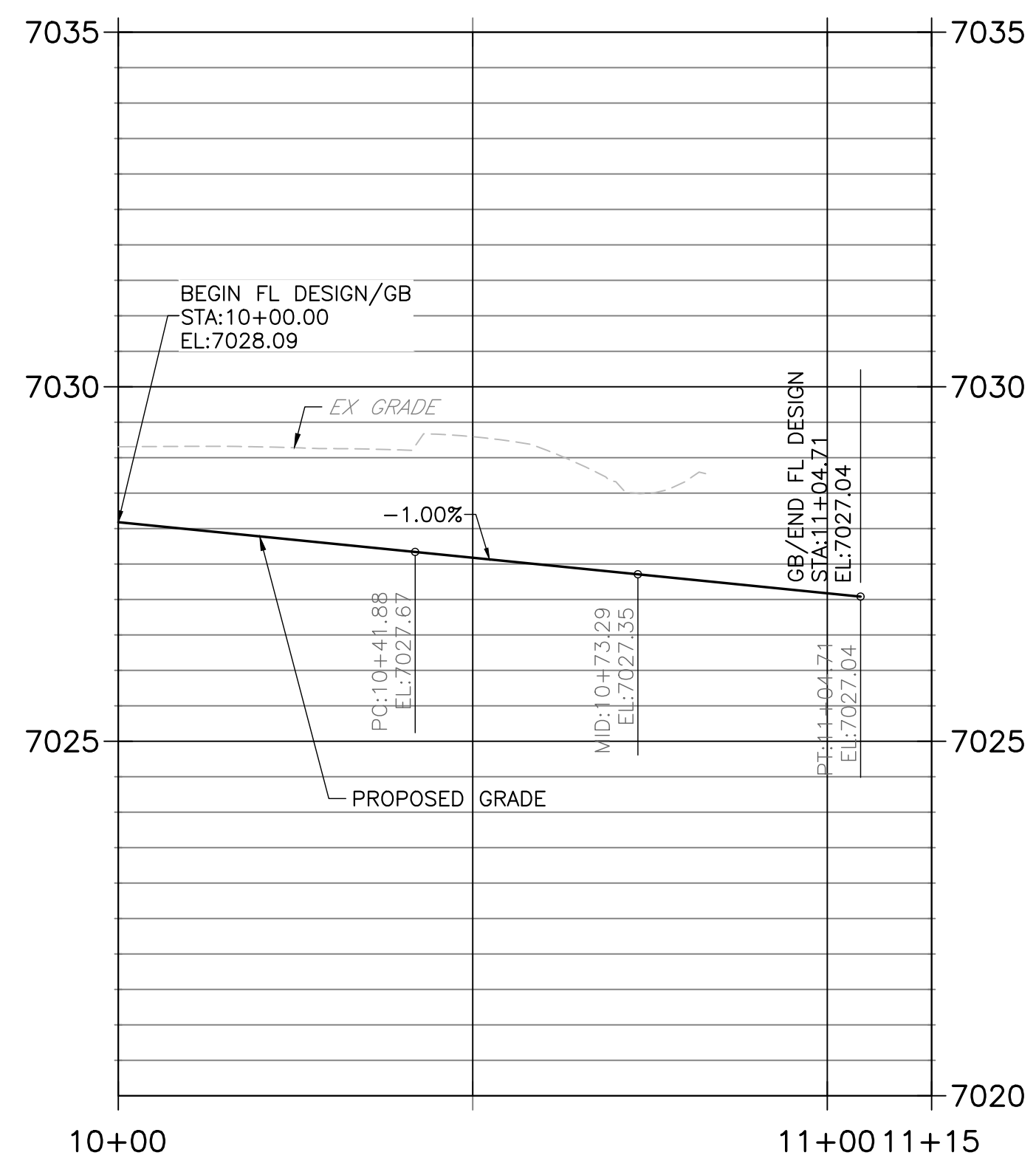
BRUSHTOP ROAD (CONT.)

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

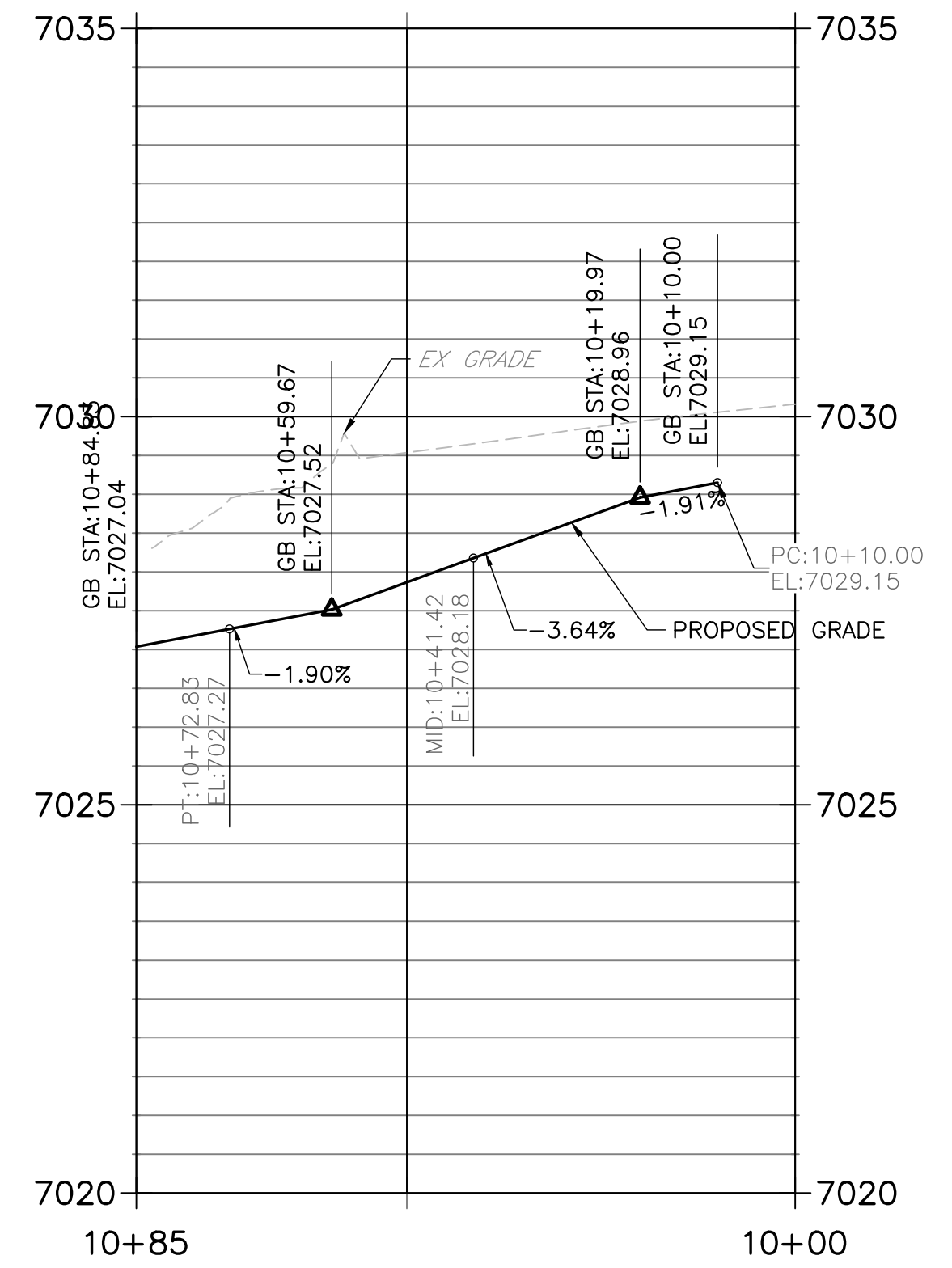
SHEET
 8 OF 25



**MARKSHEFFEL-BRUSH TOP SW FL
STA 10+00.00 TO 11+14.71**



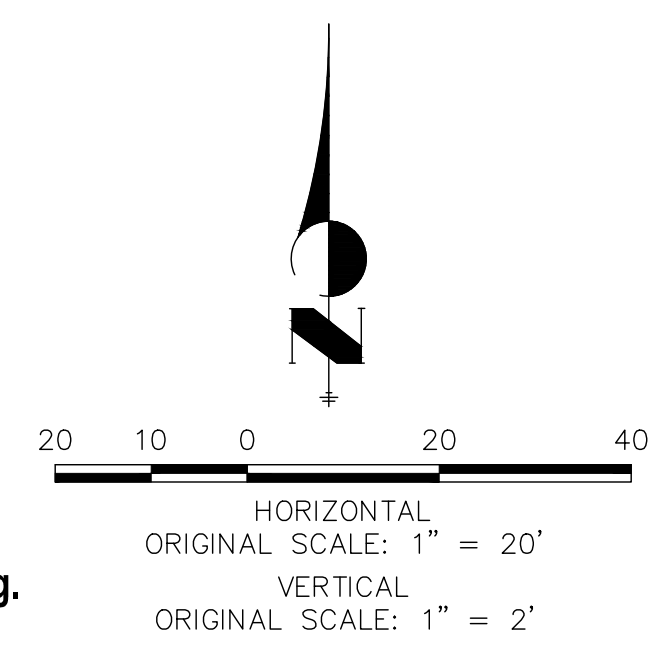
**MARKSHEFFEL-BRUSH TOP SE FL
STA 10+00.00 TO 10+84.83**



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Call before you dig.



ENGINEER'S STATEMENT
 PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF ALL TERRAIN ENGINEERING
 RYAN E. BURNS, P.E.
 COLORADO P.E. 54412
 FOR AND ON BEHALF OF JR ENGINEERING, LLC

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
 FLOWLINE PROFILES

DESIGN: REB
 REVIEW: NOJ
 DATE: 07/01/2024
 H-SCALE: 1" = 20'
 V-SCALE: 1" = 2'
 SHEET
 9 OF 25

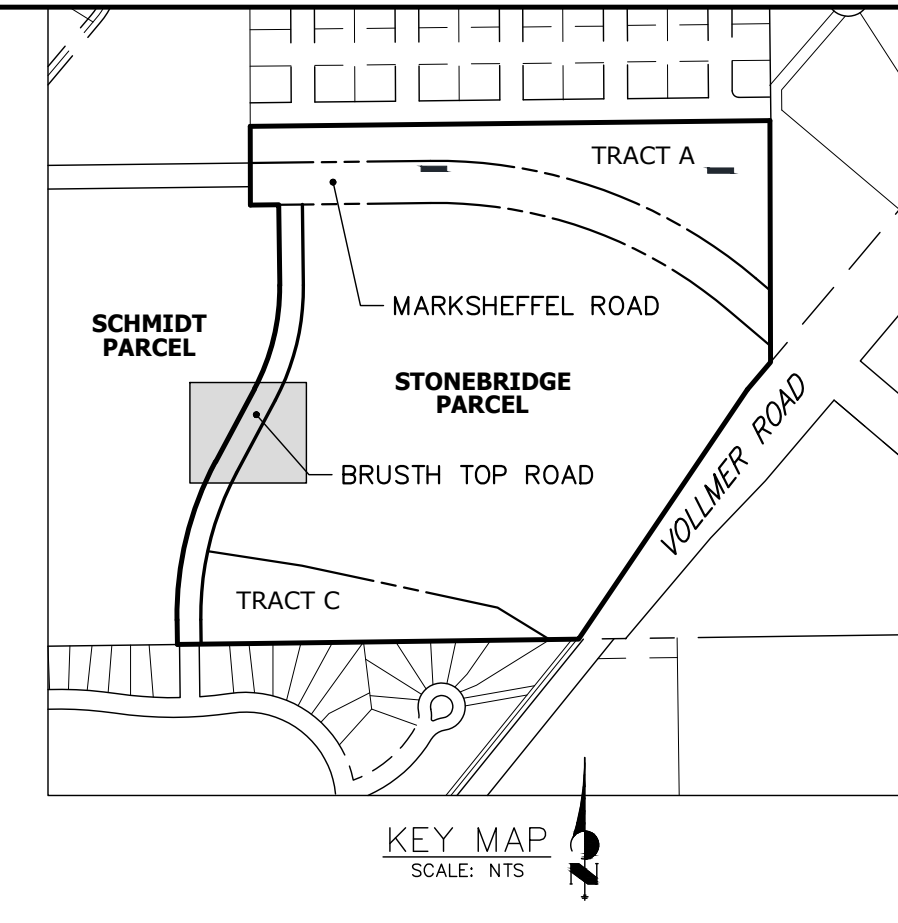
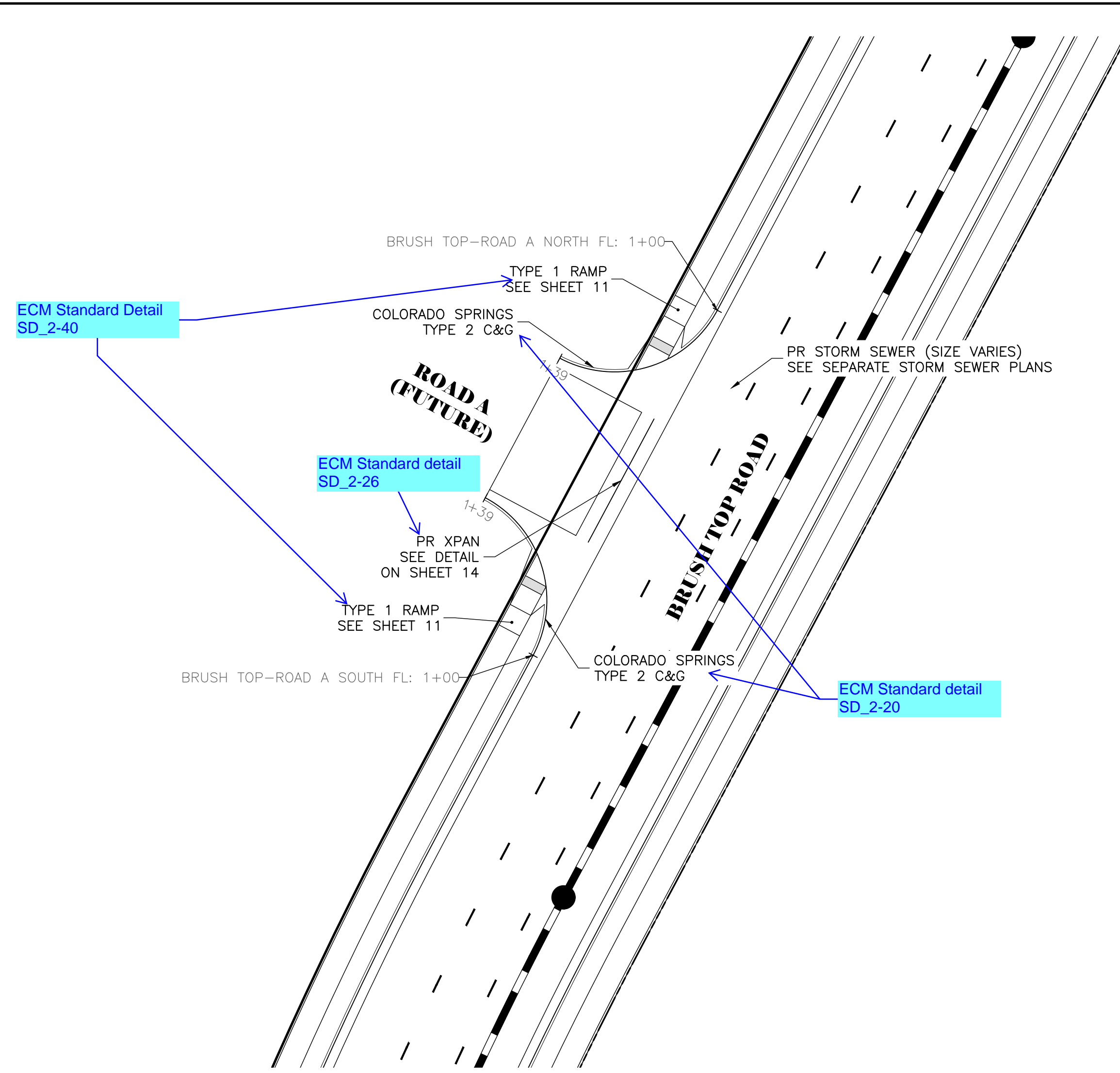
REV	DESCRIPTION	DATE

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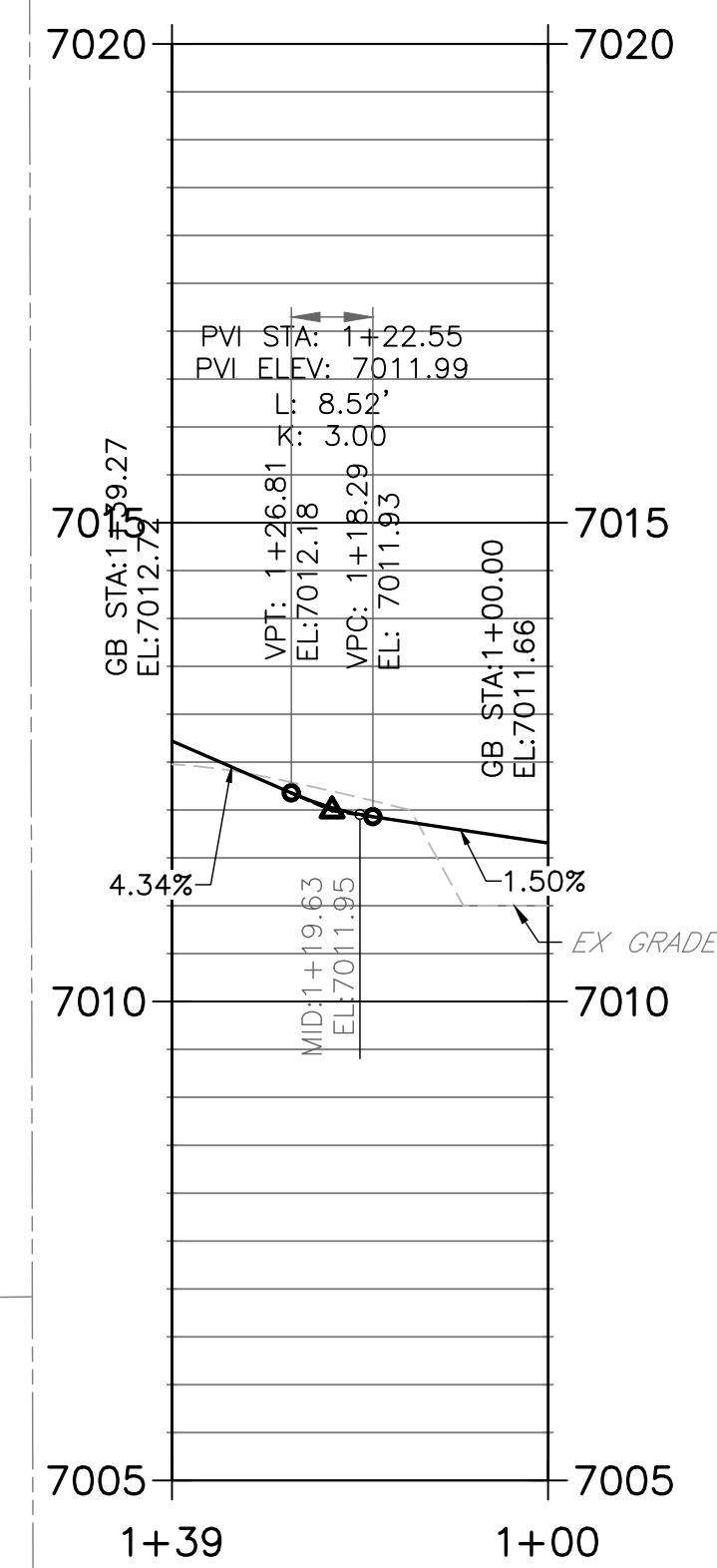
PREPARED FOR:
 TURKEY CANON QUARRY INC.
 20 BOULDER CRESCENT STREET, SUITE 100
 COLORADO SPRINGS, CO 80903
 ATTN: JIM MORLEY
 (719) 491-3024
 JIMORLEY3870@AOL.COM

ALL TERRAIN ENGINEERING

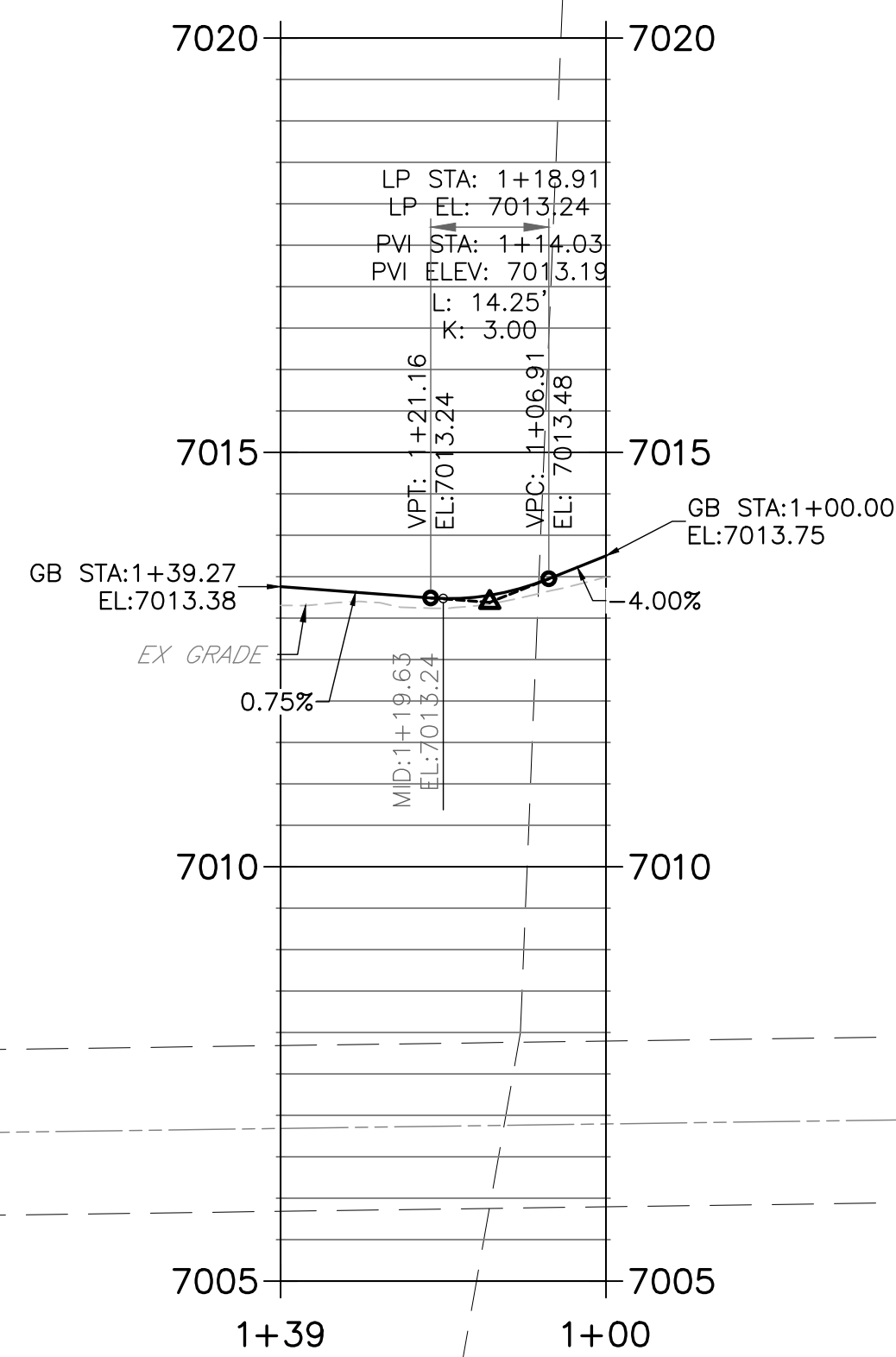
RYAN E. BURNS, P.E.
 54412
 JR ENGINEERING, LLC



**BRUSH TOP - ROAD A SOUTH FL
 STA 1+00.00 TO 1+39.27**



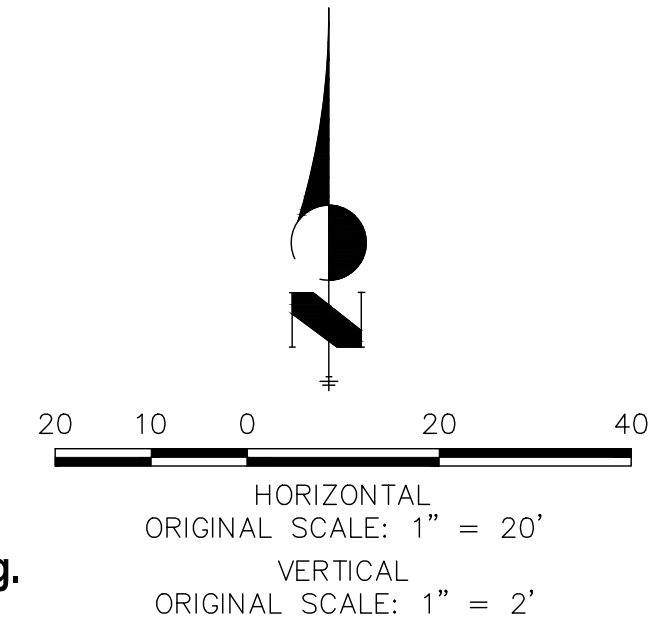
**BRUSH TOP - ROAD A NORTH FL
 STA 1+00.00 TO 1+39.27**



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

DATE

REV DESCRIPTION	DATE

JOB NO: 24013 LOCATION: EPC

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE

FLOWLINE PROFILES (CONT.)

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

H-SCALE: 1" = 20'

V-SCALE: 1" = 2'

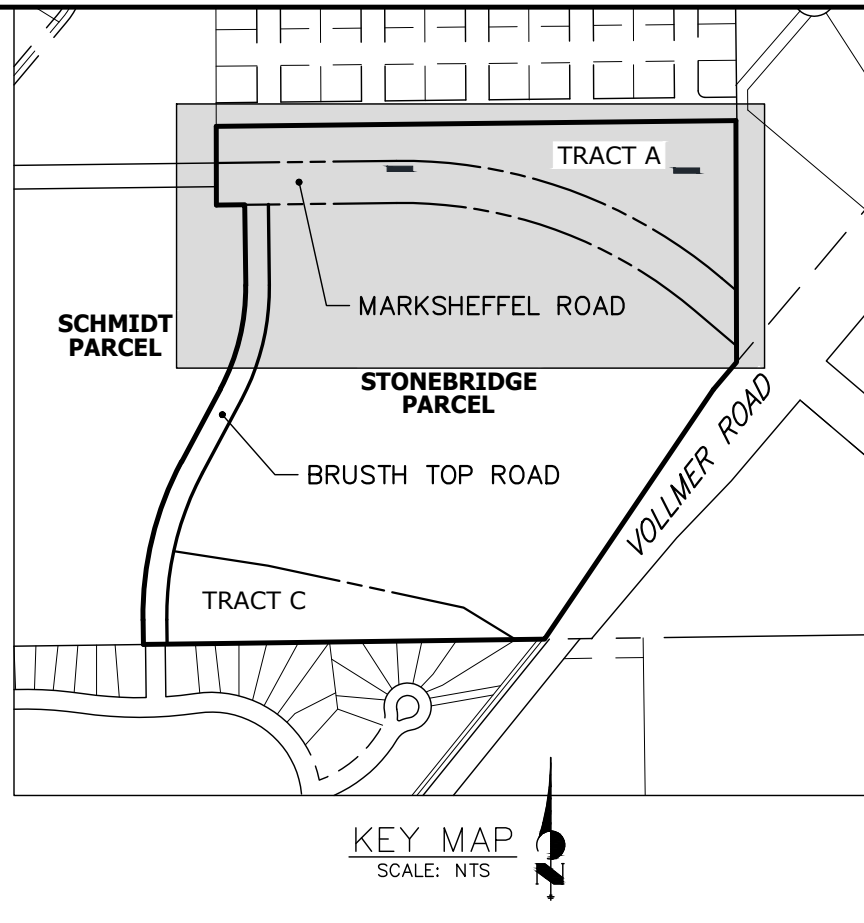
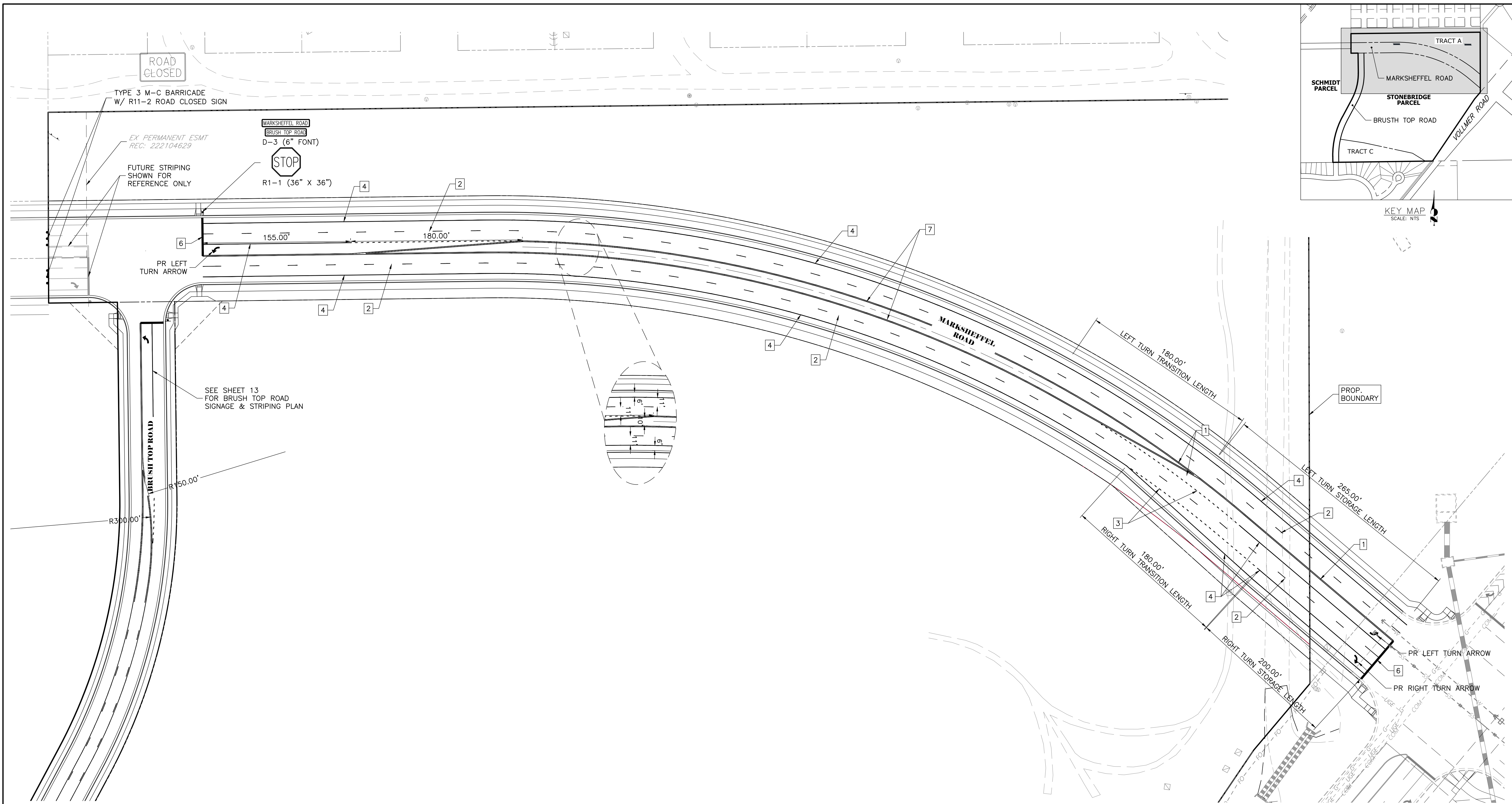
SHEET

PREPARED FOR:
 TURKEY CANON QUARRY INC.
 20 BOULDER CRESCENT STREET, SUITE 100
 COLORADO SPRINGS, CO 80903
 ATTN: JIM MORLEY
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 JMORLEY3870@AOL.COM

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 JR ENGINEERING, LLC

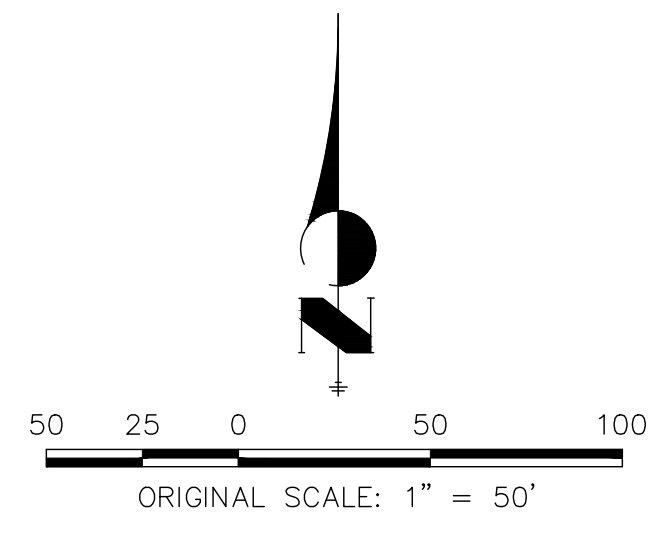


- NOTE TO CONTRACTOR:**
- ALL 4" AND 8" SOLID OR SKIP PAVEMENT MARKINGS ARE TO BE EPOXY.
 - SIGNS AND POLES SHALL BE PER CDOT STANDARDS S-614-8, S-614-2, AND S-614-3, LATEST REVISION.
 - ALL SIGNAGE INSTALLATION IS TO BE IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

STRIPING LEGEND		
STRIPE	PAVEMENT MARKINGS	MARKING DESCRIPTION
①	DOUBLE CENTERLINE LANE MARKINGS (EPOXY)	PARALLEL SOLID YELLOW, 4" WIDE, 12" APART
②	LANE LINES (EPOXY)	BROKEN WHITE, 4" WIDE, 10' SEGMENTS WITH 30' GAPS
③	LANE DROP LINES (EPOXY)	BROKEN WHITE, 4" WIDE, 3' SEGMENTS WITH 12' GAPS
④	EDGE LINES (EPOXY)	SOLID WHITE, 4" WIDE
⑤	CHANNELIZING LINES (EPOXY)	SOLID WHITE, 8" WIDE
⑥	STOP LINES (THERMO PLASTIC)	SOLID WHITE, 24" WHITE
⑦	DOUBLE CENTERLINE LANE MARKINGS (EPOXY)	PARALLEL YELLOW, 4" WIDE, 12" APART OUTSIDE STRIPE: SOLID INSIDE STRIPE: BROKEN YELLOW

NOTE: ALL STRIPING INSTALLATION SHALL BE PER COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) "M&S STANDARDS" STANDARD PLAN NO. S-627-1.

Striping per ECM
Signing and Striping notes



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

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

ALL TERRAIN ENGINEERING

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DATE	DESCRIPTION

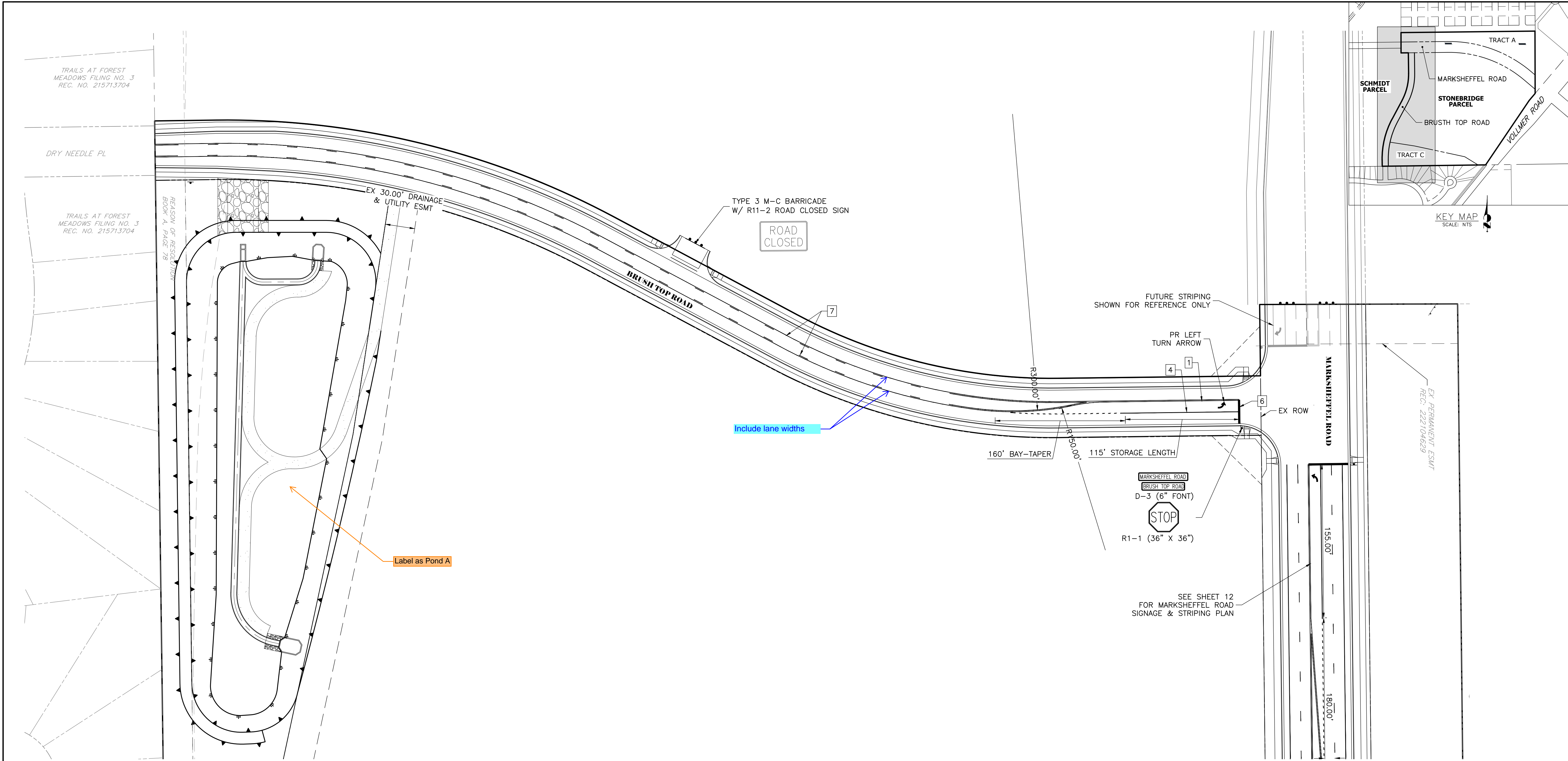
SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
SIGNAGE & STRIPING PLAN

DESIGN: REB
REVIEW: NOJ
DATE: 07/01/2024
H-SCALE: 1"=50'
V-SCALE: N/A
SHEET
12 OF 25

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RYAN E. BURNS, P.E.
 COLORADO P.E. 54412
 JR ENGINEERING, LLC
 1001 17th Ave. - Boulder, CO 80502
 303.440.1234
 www.jr-engineering.com



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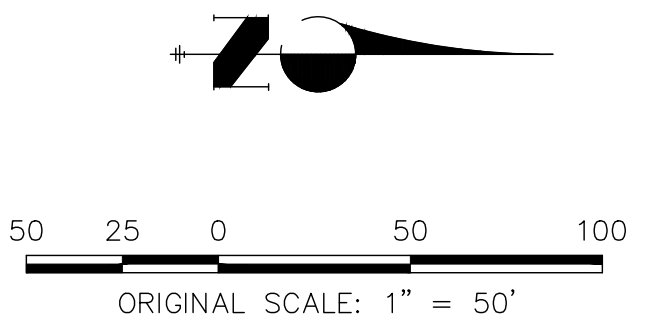
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Striping per ECM
Signing and Striping notes



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

DATE

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20 BOULDER CRESCENT STREET, SUITE 100
COLORADO SPRINGS, CO 80903
ATTN: JIM MORLEY
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REV	DESCRIPTION	DATE

SCHMIDT PHASE 1 - DISTRICT INFRASTRUCTURE
SIGNAGE & STRIPING PLAN (2)

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

H-SCALE: 1"=50'
V-SCALE: N/A

SHEET
13 OF 25

RYAN E. BURNS, P.E.
54412
ALL TERRAIN ENGINEERING, INC.
10017 10th Ave - Boulder, CO 80501
719.491.3024
JMORLEY3870@AOL.COM

