

ELK RIDGE DEVELOPMENTS, LLC, EL PASO COUNTY, COLORADO. 1155 KELLY JOHNSON BLVD., SUITE 305, COLORADO SPRINGS, CO 80920. 719.900.7220. WWW.ELKVIEWESTATES.COM. COVER SHEET. 8/21/2026.

ELK RIDGE DEVELOPMENTS, LLC

ELK VIEW ESTATES

A SUBDIVISION OF A PORTION OF THE SOUTHWEST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 23, T 12 S, R 66 W OF THE 6TH PM., EL PASO COUNTY, COLORADO
NOT PLATTED

CONSTRUCTION DRAWINGS

PROJECT CONTACTS

PROPERTY OWNER

ELK RIDGE DEVELOPMENTS, LLC
10548 ODIN DRIVE
COLORADO SPRINGS, CO 80924
(719) 494-2115
CONTACT: DEAN HEISLER
EMAIL: DEAN@ODIN.COM

APPLICANT

GALLOWAY & CO., INC.
1155 KELLY JOHNSON BLVD., SUITE 305
COLORADO SPRINGS, CO 80920
TELE: (719) 900-7220
CONTACT: JEFFREY ODOR, PE
EMAIL: JEFFREY.ODOR@GALLOWAYUS.COM

CIVIL ENGINEER

GALLOWAY & CO., INC.
1155 KELLY JOHNSON BLVD., SUITE 305
COLORADO SPRINGS, CO 80920
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SURVEYOR

ROCKY MOUNTAIN LAND SERVICES
4465 NORTH PARK DRIVE, SUITE 303
COLORADO SPRINGS, CO 80907
(719) 630-0559

CITY & UTILITY CONTACTS

WATER

PRIVATE (INDIVIDUAL WELL)

WASTEWATER

PRIVATE (INDIVIDUAL OWTS)

ELECTRIC

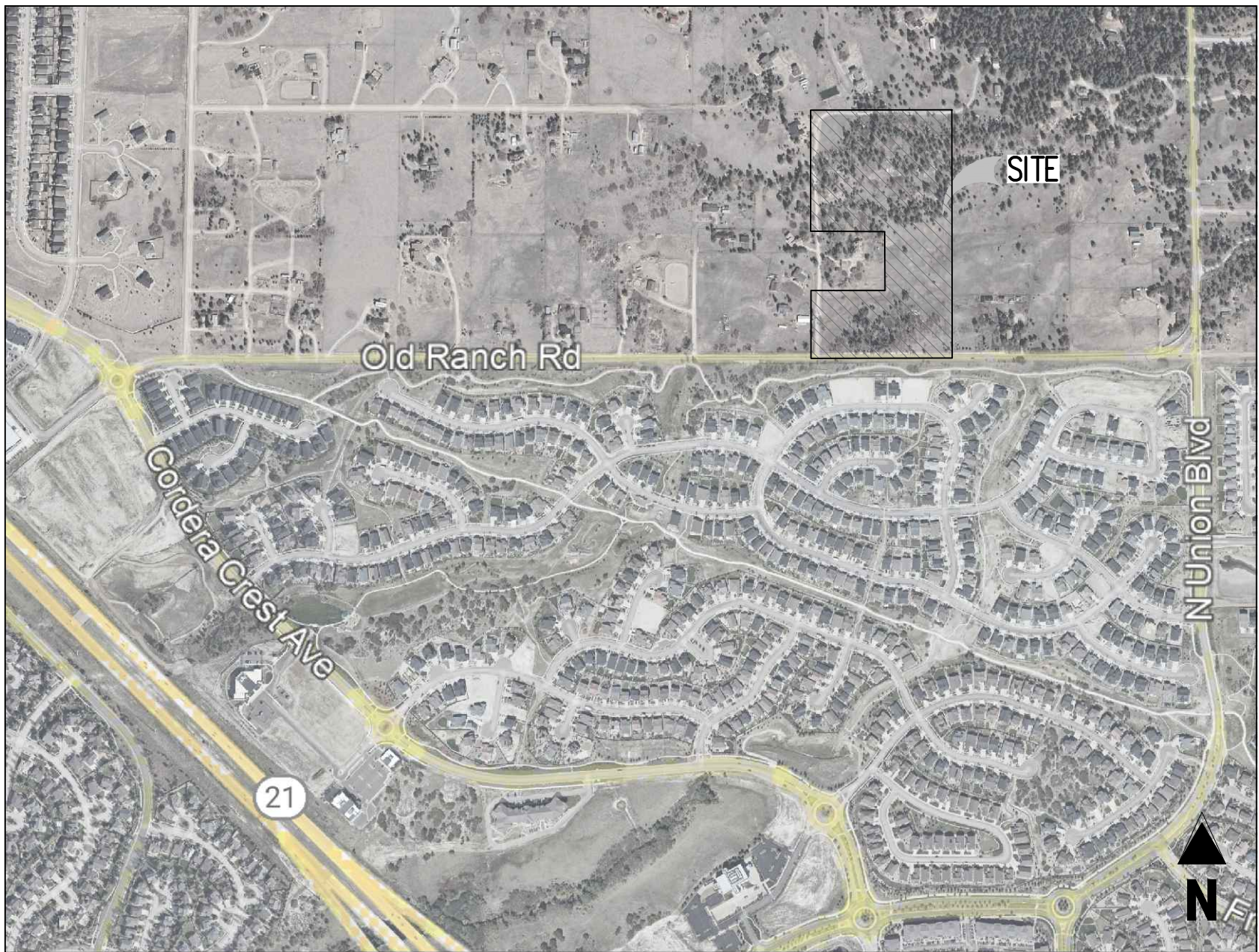
MOUNTAIN VIEW ELECTRIC ASSOCIATION
11140 E. WOODMEN RD.,
FALCON, CO 80831
TELE: (800) 388-8881
CONTACT: LAURA L. HUTTON
EMAIL: LAURA.HUTTON@MVEA.COOP

NATURAL GAS

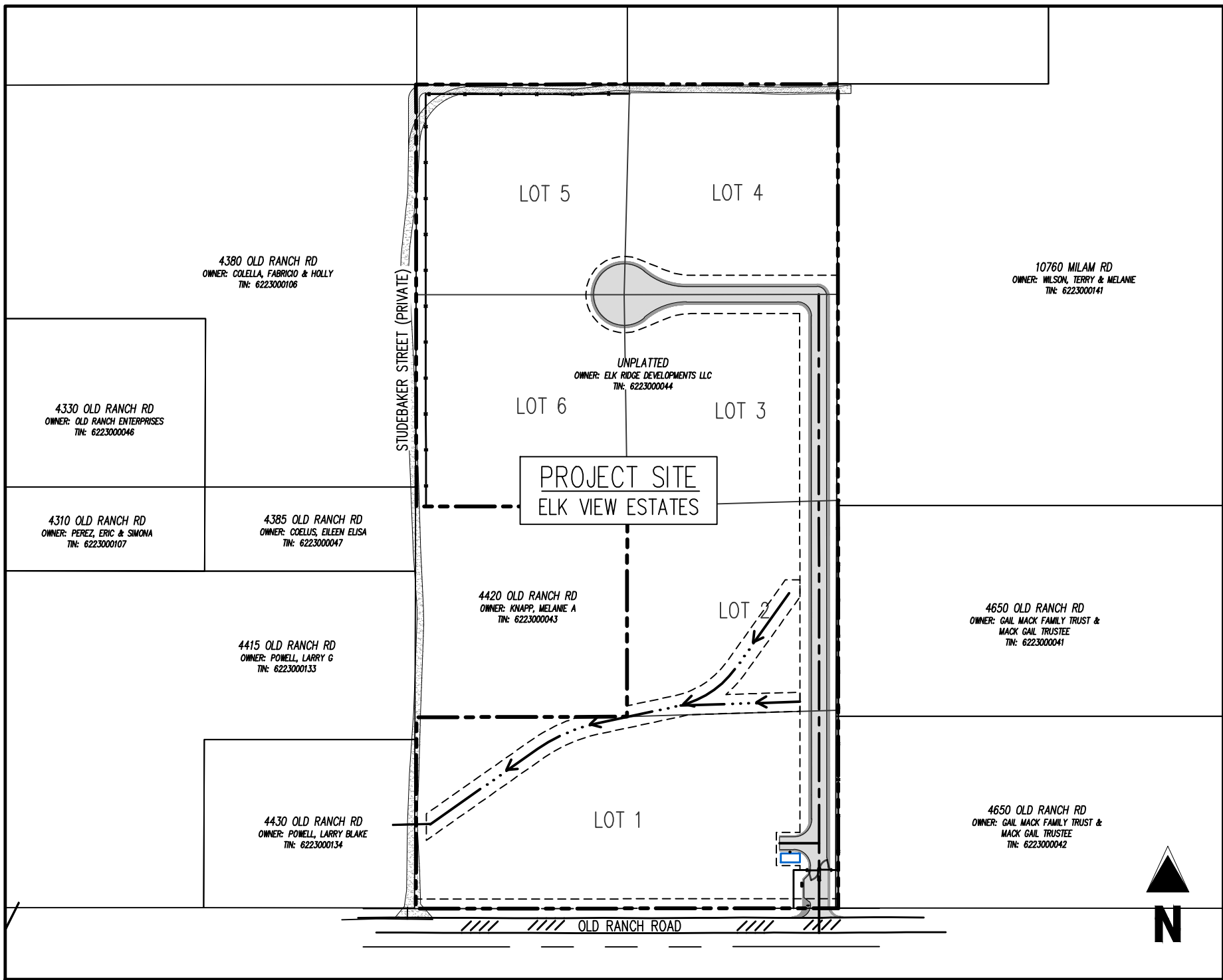
BLACK HILLS ENERGY
196 COUNTY LINE RD.
PALMER LAKE, CO 80133
(719) 502-5594
CONTACT: MARCUS HENDERSON
EMAIL: MARCUS.HENDERSON@BLACKHILLSENERGY.COM

FIRE

BLACK FOREST FIRE RESCUE
11445 TEACHOUT RD
COLORADO SPRINGS, CO 80908
(719) 495-4300



VICINITY MAP
NOT TO SCALE



SITE MAP
0 50 100 200
SCALE: 1"=200'

SHEET LIST TABLE		
NO.	SHEET TITLE	SHEET DESCRIPTION
1	COVER SHEET	C0.0
2	GENERAL NOTES & DETAILS	C0.1
3	EXISTING CONDITIONS PLAN	C0.3
4	SITE PLAN	C1.1
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8	STORM SEWER DETAILS	C6.4
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10	PRIVATE ROAD PLAN & PROFILES	C9.2
11	PRIVATE ROAD 2 PLAN & PROFILES	C9.3

LEGAL DESCRIPTION

PARCEL A:
THE EAST HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER, EXCEPT THE SOUTH 30 FEET THEREOF, AND THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER, EXCEPT THE SOUTH 30 FEET THEREOF, ALL IN SECTION 23, TOWNSHIP 12 SOUTH, RANGE 66 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO.

PARCEL B:
THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 23, TOWNSHIP 12 SOUTH, RANGE 66 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO.

BENCHMARK

A REBAR WITH YELLOW CAP STAMPED "BOSTROM PLS NO. 9477" AT THE SOUTHEAST CORNER. THE INTERPOLATED ELEVATION USED THEREON IS 7128.06'.

BASIS OF BEARING

ALL BEARINGS USED ON THIS PLAT ARE BASED ON AN ASSUMED BEARING BETWEEN A REBAR WITH YELLOW CAP STAMPED "BOSTROM PLS NO. 9477" AT THE SOUTHEAST CORNER AND A NO. 4 REBAR WITH CAP STAMPED "RMLS NO. 19625" AT THE SOUTHWEST CORNER. THE ASSUMED BEARING BETWEEN THESE MONUMENTS IS S 89° 58' 15" W.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

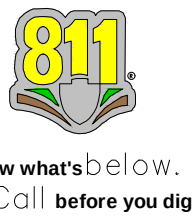
NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

CAUTION -- NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



EL PASO COUNTY

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT. FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH EOM 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 DIRECTOR'S DISCRETION.

JOSHUA J. PALMER, P.E.
COUNTY ENGINEER/EOM ADMINISTRATOR

DATE

OWNER'S STATEMENT

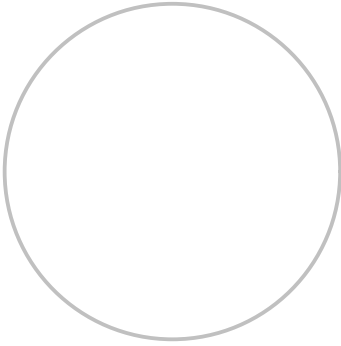
I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

DEAN HEISLER

DATE

ENGINEER'S STATEMENT

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



JEFFREY A. ODOR, COLORADO P.E. NO. 39265

DATE

Galloway

1155 Kelly Johnson Blvd., Suite 305
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719.900.7220
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ELK VIEW ESTATES
CONSTRUCTION DRAWINGS

OLD RANCH ROAD
EL PASO COUNTY, CO

#	Date	Issue / Description	Init.
1	11/28/2025	1ST COUNTY SUBMITTAL	ELB
2	XX/XX/XXXX	2ND COUNTY SUBMITTAL	ELB

Project No:	ER001
Drawn By:	ELB
Checked By:	JAO
Date:	8/21/2026

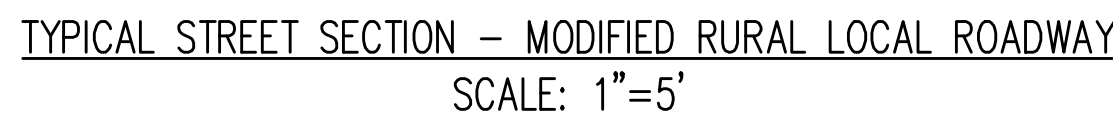
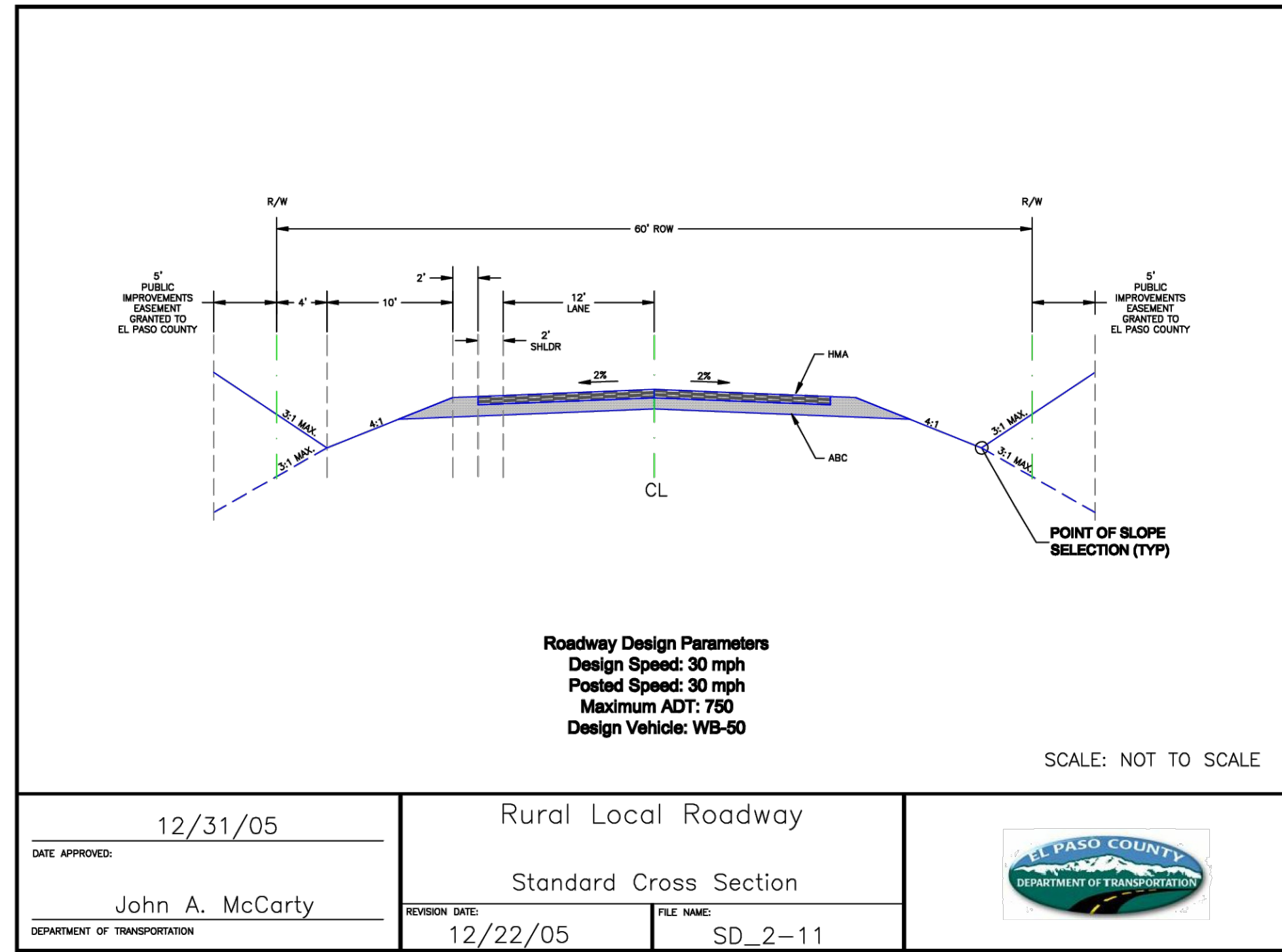
COVER SHEET

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Sheet 1 of 11

- 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 OF THIS DISCUSSION 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 SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE. IF ANY DAMAGE OCCURS, ANY DAMAGE TO THE UTILITIES MUST BE REPLACED AT THE CONTRACTORS 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 TO THE SOILS ENGINEERS RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION.
- ALL STABILIZATION IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED.
- ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC COM APPENDIX K - 1.2C.
- ALL INTERSECTION ACCESSES TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLES AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" IN THIS AREA.
- ALL CULVERT AND STORM PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HDPE), OR 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 OWNERS GEOTECHNICAL ENGINEER TO SUPPORT MINIMUM 50 YEAR DESIGN LIFE. CULVERTS MUST CONFORM TO EPC COM SECTION 3.32 - CULVERTS.
- ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED FOR ROADS SHALL BE PE DESIGN REPORT BY OWNERS GEOTECHNICAL ENGINEER. OWNERS GEOTECHNICAL ENGINEER TO IN SITE, IN 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.
- TYPE M RIP-RAP 4" OF TYPE II GRANULAR BEDDING AND MIRAFL 180M OR EQUAL MAY BE SUBSTITUTED WHERE TYPE L RIP-RAP WITH MIRAFL 700 OR EQUAL IS SPECIFIED.
- ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS AND WITH WOODMAN HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL.

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 SOLS 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. CDDT M & S STANDARDS
4. NOTHINGWITHIN 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 ADJACENT EL PASO COUNTY STANDARDS, INCLUDING THE CITY OF COLORADO ENGINEERING CRITERIA MANUAL, THE CITY OF COLORADO 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 ON-SITE AND OFF-SITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY TO CORRECT 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 PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES REQUIRED 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 B OR RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER EGM 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 DOT AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, 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 ADJACING PROPERTY OWNER(S) FOR ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.
16. EL PASO COUNTY DOES NOT OWN AND IS NOT RESPONSIBLE FOR THE UNDERDRAINS OR GROUNDWATER DISCHARGE SYSTEMS SHOWN ON THESE PLANS AND ASSUMES NO LIABILITY FOR EROSION RIGHTS ADMINISTRATION BY APPROVING THESE PLANS. MAINTENANCE AND WATER RIGHTS ARE THE RESPONSIBILITY OF THE DEVELOPER AND ELK VIEW ESTATES PROPERTY OWNER'S ASSOCIATION.



POSTED SPEED LIMIT: 25 MPH
DESIGN SPEED LIMIT: 25 MPH
MAXIMUM ADT: 199

*NOTE: PROPOSED SECTION IS A HYBRID BETWEEN EPC RURAL GRAVEL LOCAL (SD_2-10) AND RURAL LOCAL ROADWAY (SD_2-11). ADT CRITERIA IS MET BY RURAL GRAVEL LOCAL ROAD. A PAVED ROAD SECTION IS PROPOSED AT THE DISCRETION OF THE DEVELOPER.

[illegible]

Project No:	ERD01
Drawn By:	ELB
Checked By:	JAO
Date:	8/21/2026

C0.1

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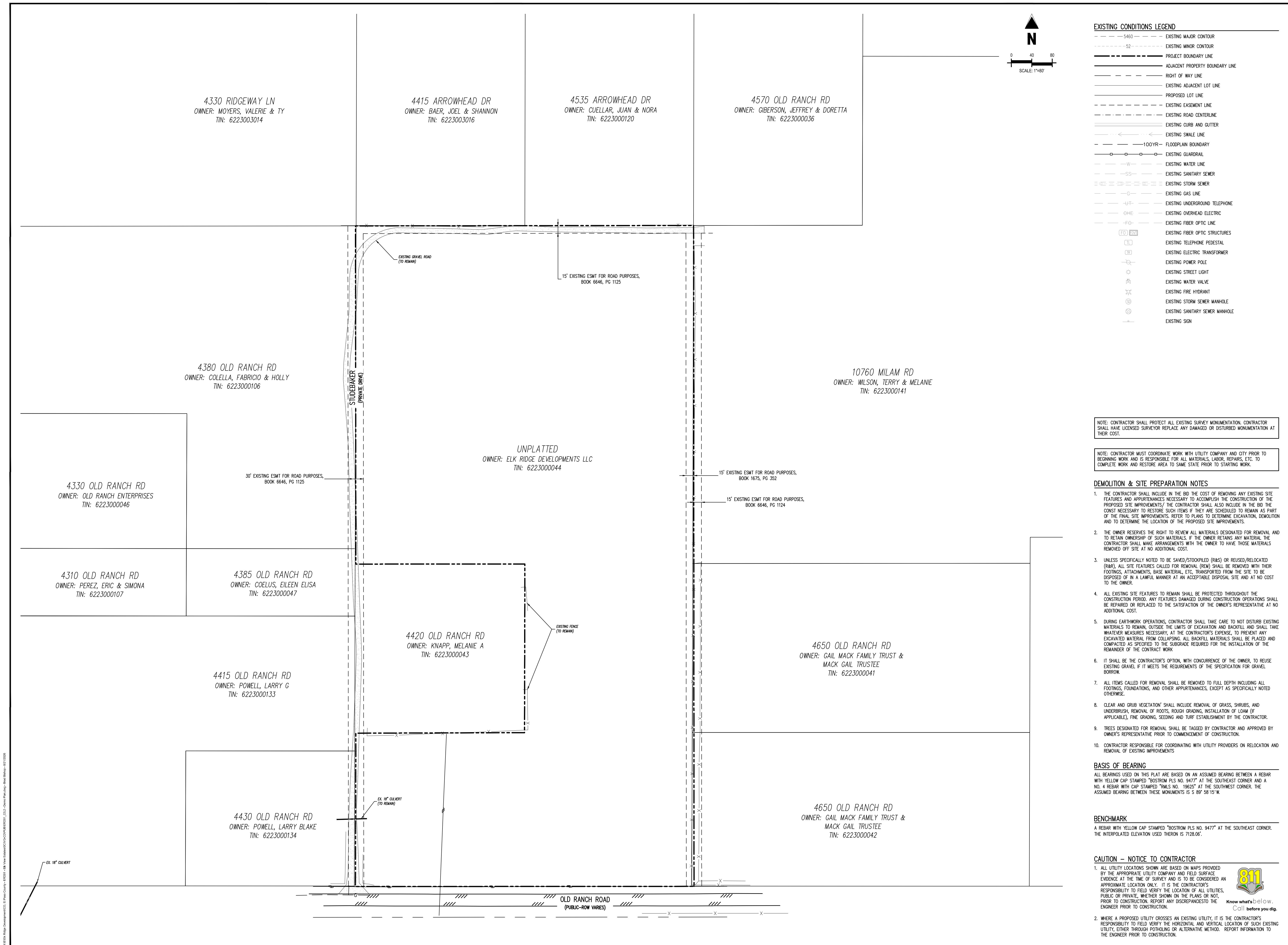
ELK VIEW ESTATES
CONSTRUCTION DRAWINGS

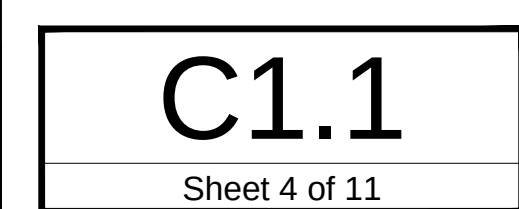
OLD RANCH ROAD
EL PASO COUNTY, CO

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Project No:	ERD01
Drawn By:	ELB
Checked By:	JAO
Date:	8/21/2026

Sheet 3 of 11





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ELK VIEW ESTATES
CONSTRUCTION DRAWINGS

OLD RANCH ROAD
EL PASO COUNTY, CO

[illegible]

Project No:	ERD01
Drawn By:	ELB
Checked By:	JAO
Date:	

STORM SEWER DETAILS

C6.3

Sheet 7 of 11

GENERAL NOTES

1. DIMENSIONS OF END SECTIONS MAY VARY SLIGHTLY FROM THOSE SHOWN ON THE TABLES DUE TO DIFFERENT MANUFACTURERS' CONFIGURATIONS.
2. CONCRETE END SECTIONS SHALL BE FURNISHED WITH TONGUE OR GROOVE AS REQUIRED.
3. DESIGN LENGTH OF PIPE OR SIDE DRAIN IS BASED ON LENGTH OF END SECTION SHOWN IN TABLE. ANY ADDITIONAL PIPE REQUIRED TO PROVIDE THE DESIGN LENGTH SHALL BE FURNISHED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
4. THE INSIDE CONFIGURATION AND THE JOINT OF CONCRETE END SECTION AND PIPE SHALL MATCH.
5. END SECTIONS FOR CMP ARCH PIPE SHALL MATCH THE DIMENSIONS OF THE PIPE SHOWN IN THE PLANS.
6. GALVANIZED TOE PLATE AS SHOWN IS REQUIRED ON END SECTIONS FOR CORRUGATED STEEL PIPE AND SHALL BE THE SAME THICKNESS AS END SECTIONS. TOE PLATE SHALL BE FIELD-BOLTED TO END SECTION WITH 5/8" IN GALVANIZED BOLTS, NUTS AND WASHERS.
7. GALVANIZED STEEL SHALL CONFORM TO AASHTO M 111, M 218 OR M 232.
8. CONCRETE PIPE JOINT FASTENERS, WHEN SHOWN ON PLANS, SHALL BE INSTALLED SO THAT A MINIMUM OF 18" LINEAR FEET OF THE OUTLET END OF THE PIPE ARE MECHANICALLY LOCKED TOGETHER. END SECTION LENGTHS WHEN USED SHALL BE INCLUDED IN THE 15 LF REQUIREMENT.
9. CONNECTIONS OF METAL END SECTIONS TO PLASTIC PIPE SHALL BE APPROVED BY THE ENGINEER. PLASTIC END SECTIONS SHALL NOT BE USED.
10. THE END SECTION STYLE, EITHER REGULAR OR SAFETY, SHALL BE AS SHOWN ON THE PLANS.
11. IN THE OPTION OF THE CONTRACTOR AND APPROVAL OF THE CDDT PROJECT ENGINEER, REINFORCED CONCRETE END SECTIONS MAY BE MADE WITH SYNTHETIC FIBERS INSTEAD OF STEEL. FOR PIPES 36 INCHES IN DIAMETER AND SMALLER, AND CONFORM TO AASHTO M 86 AND SUBSECTION 601.03.

PIPE DIA. THICKNESS DIMENSIONS

PIPE DIA.	THICKNESS	DIMENSIONS					
		A	B	H	L	W	T
12	0.064	6	6	6	21	24	34
18	0.064	8	10	6	31	36	46
24	0.064	9	12	6	36	42	52
24	0.064	10	13	6	41	48	58
30	0.079	12	16	8	51	60	70
36	0.079	14	19	9	60	72	94
42	0.109	16	22	11	69	84	106
48	0.109	18	27	12	78	90	124
54	0.109	18	30	12	84	102	124
60	0.109	18	33	12	87	114	136
66	0.109	18	36	12	87	120	142
72	0.109	18	39	12	87	126	148
78	0.109	18	42	12	87	132	154
84	0.109	18	45	12	87	138	160

FLEXIBLE ROUND PIPE

PLAN VIEW

ELEVATIONS

TYPICAL CONNECTIONS

TYPE 1 FOR 18 IN. THRU 24 IN. ROUND PIPE WITH ANNUAL CORRUGATIONS NOT TO BE USED ON HELICALLY-FORMED PIPE UNLESS RECORRUGATED.

TYPE 2 FOR 30 IN. THRU 36 IN. ROUND PIPE WITH ANNUAL CORRUGATIONS NOT TO BE USED ON HELICALLY-FORMED PIPE UNLESS RECORRUGATED.

TYPE 3 FOR 42 IN. THRU 84 IN. ROUND PIPE WITH ANNUAL CORRUGATIONS AND ALL SIZES WITH HELICAL CORRUGATIONS AND FOR ALL METAL PIPE ARCH CULVERTS. SHOP ATTACH A 24 IN. MAX. LENGTH OF ANNUAL PIPE WITH GALV. RIVETS OR BOLTS. SPOT WELDS OR 2 IN. LONG SPIG WELDS ON 8 IN. CTRS. REPAIR BURST GALVANIZING IN ACCORDANCE WITH SUBSECTION 707.09.

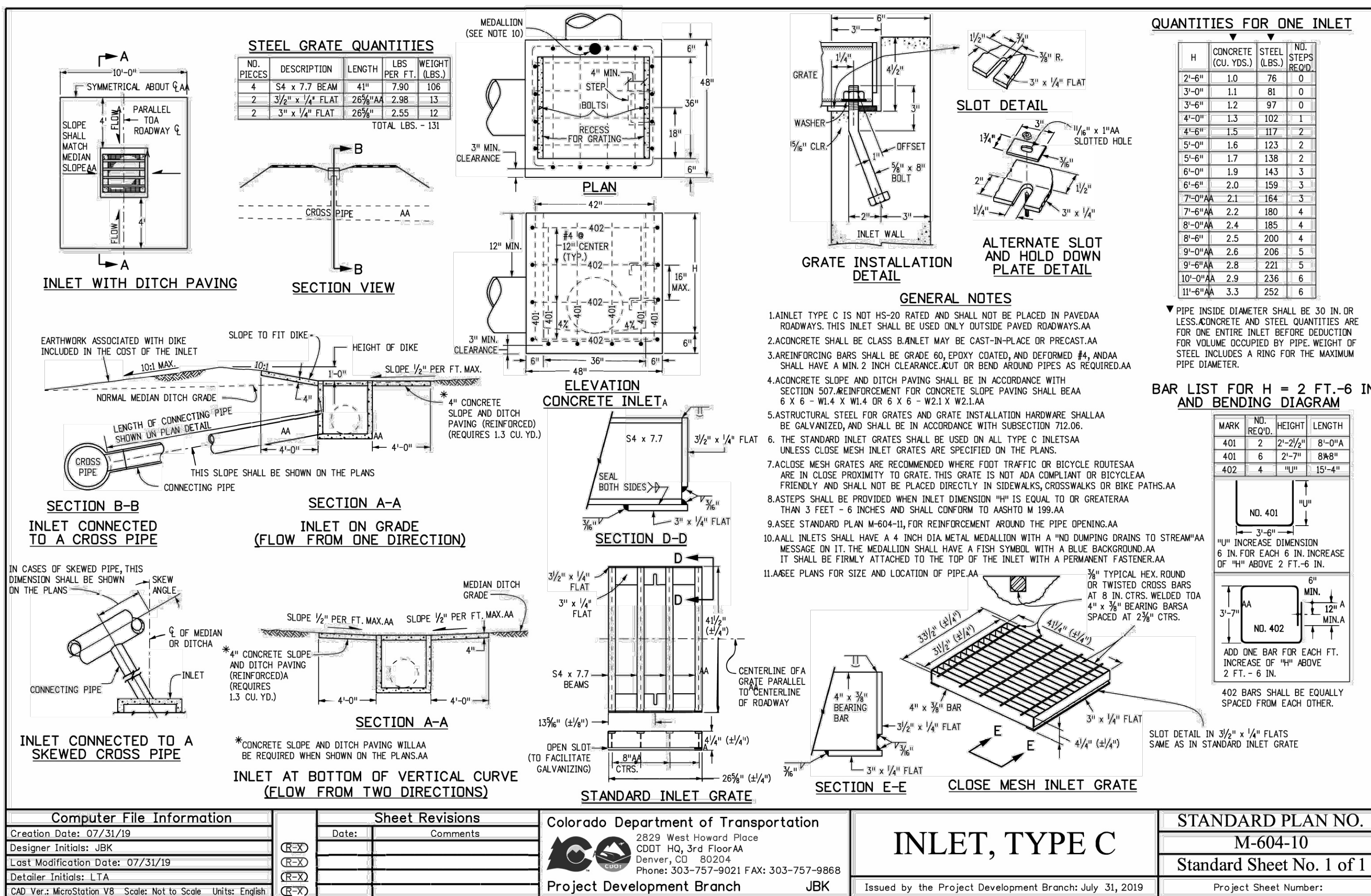
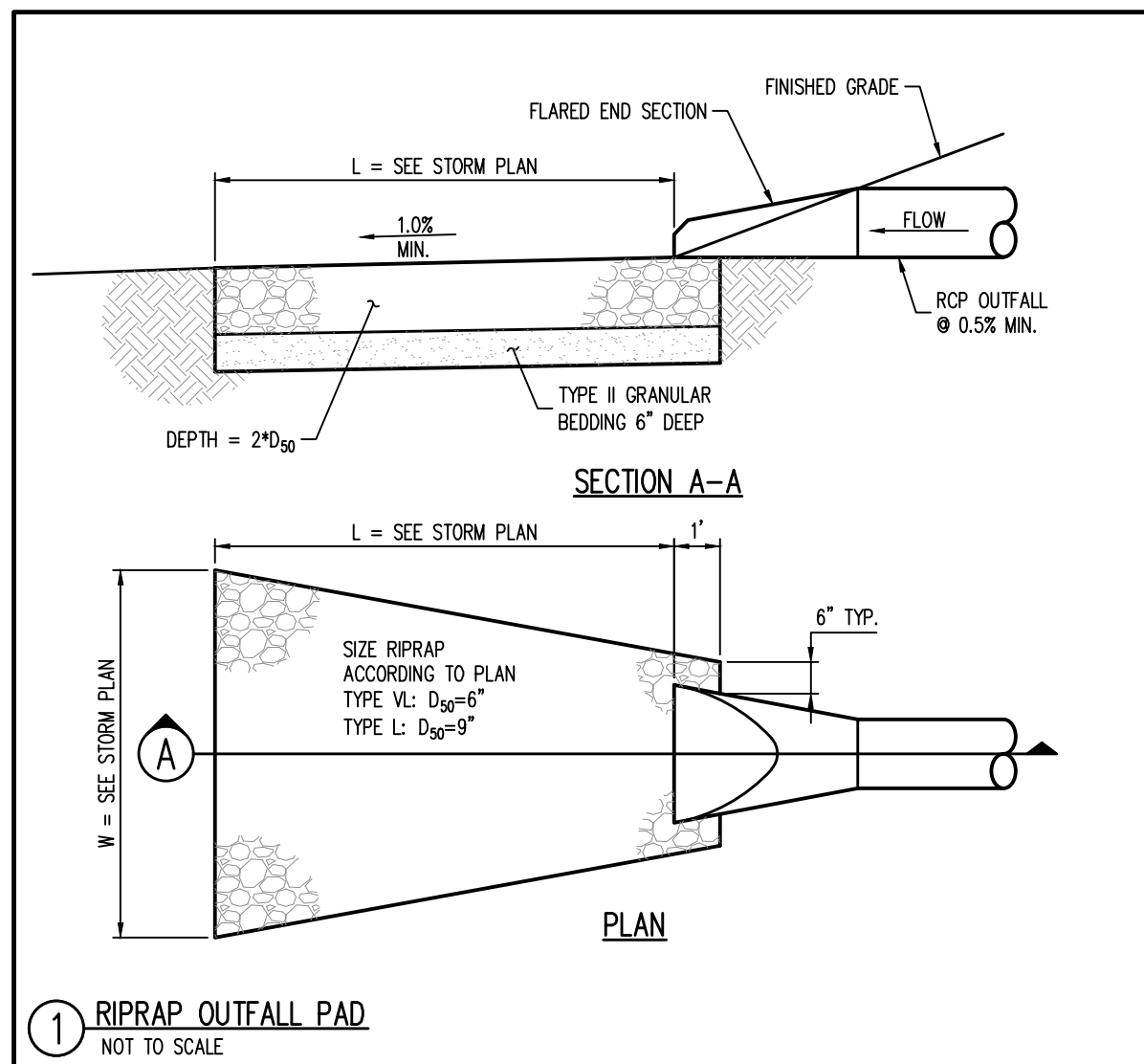
END SECTION AND CONNECTION DETAILS FOR ROUND AND ARCH METAL PIPES

REINFORCED CONCRETE CIRCULAR PIPE

STEEL END SECTION FOR CONCRETE CIRCULAR PIPE

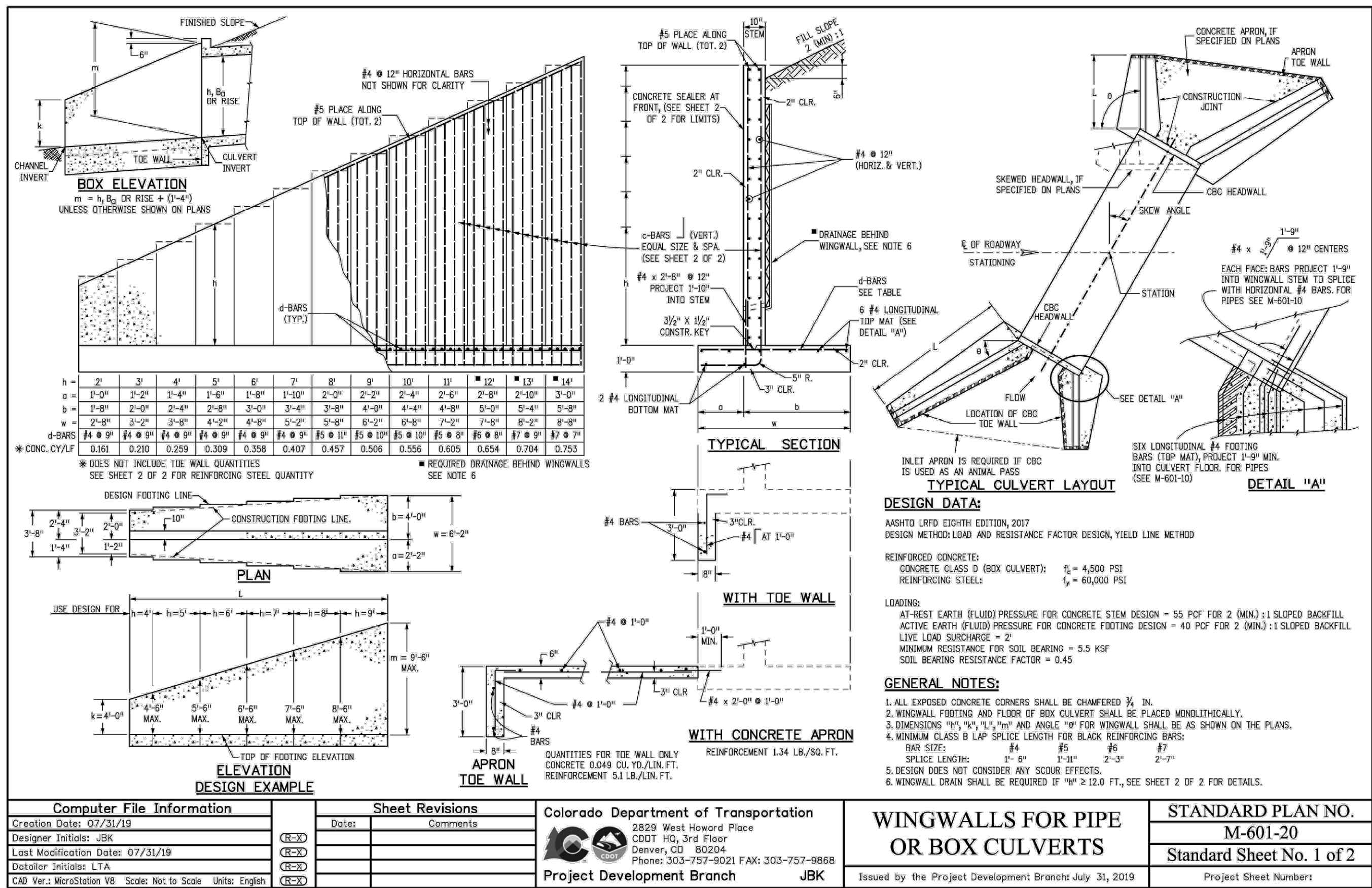
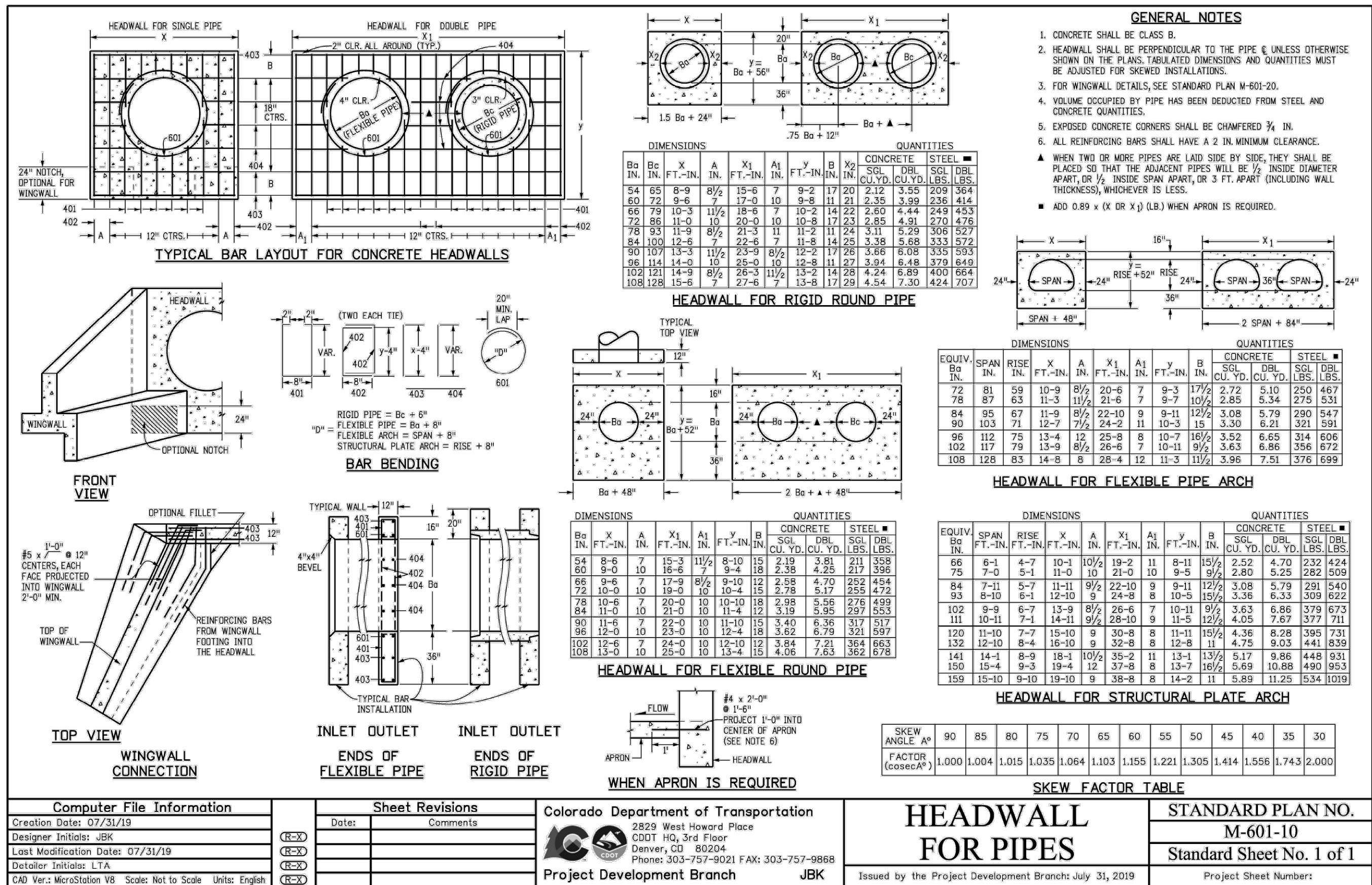
END SECTION FOR REINFORCED CONCRETE ELLIPTICAL PIPE

CONCRETE JOINT FASTENER (TWO PER JOINT)



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ENFORCED AND PROSECUTED.



c-BARS AND REINFORCING STEEL QUANTITY (EXCLUDE TOE WALL)																		* REINFORCING STEEL QUANTITY INCLUDES STEM AND FOOTING QUANTITIES, BUT DOES NOT INCLUDE TOE WALL QUANTITIES.																	
L (MULTIPLE OF m)		≤ (0.0 x m)		≤ (0.25 x m)		≤ (0.5 x m)		≤ (0.75 x m)		≤ (1.0 x m)		≤ (1.25 x m)		≤ (1.5 x m)		≤ (1.75 x m)		≤ (2.0 x m)		≤ (2.25 x m)		≤ (2.5 x m)		≤ (2.75 x m)		≤ (3.0 x m)		≤ (3.25 x m)		≤ (3.5 x m)					
m (FT)	k (FT)	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.	c-BARS	*REINFC. LB./A.F.				
14	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"	73.90	#6 @ 6"	77.20	#6 @ 6"	77.20	#6 @ 5"	80.50	#6 @ 5"	80.50		
	6	#4 @ 10"	58.12	#5 @ 10"	62.92	#5 @ 10"	62.06	#5 @ 8"	65.39	#5 @ 7"	67.73	#5 @ 7"	67.38	#5 @ 6"	70.84	#5 @ 6"	70.61	#6 @ 8"	72.67	#6 @ 8"	72.50	#6 @ 7"	76.42	#6 @ 7"	76.42	#6 @ 6"	79.72	#6 @ 6"	79.72	#6 @ 5"	83.02	#6 @ 5"	83.02		
	7	#4 @ 10"	60.38	#5 @ 10"	65.38	#5 @ 10"	64.52	#5 @ 8"	67.85	#5 @ 7"	70.19	#5 @ 7"	69.84	#5 @ 6"	73.30	#5 @ 6"	73.07	#6 @ 8"	74.93	#6 @ 8"	74.76	#6 @ 7"	78.62	#6 @ 7"	78.62	#6 @ 6"	81.92	#6 @ 6"	81.92	#6 @ 5"	85.22	#6 @ 5"	85.22		
	8	#4 @ 10"	62.64	#5 @ 10"	67.64	#5 @ 10"	66.78	#5 @ 8"	69.31	#5 @ 7"	71.65	#5 @ 7"	71.30	#5 @ 6"	74.76	#5 @ 6"	74.53	#6 @ 8"	76.17	#6 @ 8"	76.00	#6 @ 7"	79.72	#6 @ 7"	79.72	#6 @ 6"	83.02	#6 @ 6"	83.02	#6 @ 5"	86.32	#6 @ 5"	86.32		
13	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"	73.90	#6 @ 6"	77.20	#6 @ 6"	77.20	#6 @ 5"	80.50	#6 @ 5"	80.50		
	6	#4 @ 10"	58.12	#5 @ 10"	62.92	#5 @ 10"	62.06	#5 @ 8"	65.39	#5 @ 7"	67.73	#5 @ 7"	67.38	#5 @ 6"	70.84	#5 @ 6"	70.61	#6 @ 8"	72.67	#6 @ 8"	72.50	#6 @ 7"	76.42	#6 @ 7"	76.42	#6 @ 6"	79.72	#6 @ 6"	79.72	#6 @ 5"	83.02	#6 @ 5"	83.02		
	7	#4 @ 10"	60.38	#5 @ 10"	65.38	#5 @ 10"	64.52	#5 @ 8"	67.85	#5 @ 7"	70.19	#5 @ 7"	69.84	#5 @ 6"	73.30	#5 @ 6"	73.07	#6 @ 8"	74.93	#6 @ 8"	74.76	#6 @ 7"	78.62	#6 @ 7"	78.62	#6 @ 6"	81.92	#6 @ 6"	81.92	#6 @ 5"	85.22	#6 @ 5"	85.22		
	8	#4 @ 10"	62.64	#5 @ 10"	67.64	#5 @ 10"	66.78	#5 @ 8"	69.31	#5 @ 7"	71.65	#5 @ 7"	71.30	#5 @ 6"	74.76	#5 @ 6"	74.53	#6 @ 8"	76.17	#6 @ 8"	76.00	#6 @ 7"	79.72	#6 @ 7"	79.72	#6 @ 6"	83.02	#6 @ 6"	83.02	#6 @ 5"	86.32	#6 @ 5"	86.32		
12	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"	73.90	#6 @ 6"	77.20	#6 @ 6"	77.20	#6 @ 5"	80.50	#6 @ 5"	80.50		
	6	#4 @ 10"	58.12	#5 @ 10"	62.92	#5 @ 10"	62.06	#5 @ 8"	65.39	#5 @ 7"	67.73	#5 @ 7"	67.38	#5 @ 6"	70.84	#5 @ 6"	70.61	#6 @ 8"	72.67	#6 @ 8"	72.50	#6 @ 7"	76.42	#6 @ 7"	76.42	#6 @ 6"	79.72	#6 @ 6"	79.72	#6 @ 5"	83.02	#6 @ 5"	83.02		
	7	#4 @ 10"	60.38	#5 @ 10"	65.38	#5 @ 10"	64.52	#5 @ 8"	67.85	#5 @ 7"	70.19	#5 @ 7"	69.84	#5 @ 6"	73.30	#5 @ 6"	73.07	#6 @ 8"	74.93	#6 @ 8"	74.76	#6 @ 7"	78.62	#6 @ 7"	78.62	#6 @ 6"	81.92	#6 @ 6"	81.92	#6 @ 5"	85.22	#6 @ 5"	85.22		
	8	#4 @ 10"	62.64	#5 @ 10"	67.64	#5 @ 10"	66.78	#5 @ 8"	69.31	#5 @ 7"	71.65	#5 @ 7"	71.30	#5 @ 6"	74.76	#5 @ 6"	74.53	#6 @ 8"	76.17	#6 @ 8"	76.00	#6 @ 7"	79.72	#6 @ 7"	79.72	#6 @ 6"	83.02	#6 @ 6"	83.02	#6 @ 5"	86.32	#6 @ 5"	86.32		
11	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"	73.90	#6 @ 6"	77.20	#6 @ 6"	77.20	#6 @ 5"	80.50	#6 @ 5"	80.50		
	6	#4 @ 10"	58.12	#5 @ 10"	62.92	#5 @ 10"	62.06	#5 @ 8"	65.39	#5 @ 7"	67.73	#5 @ 7"	67.38	#5 @ 6"	70.84	#5 @ 6"	70.61	#6 @ 8"	72.67	#6 @ 8"	72.50	#6 @ 7"	76.42	#6 @ 7"	76.42	#6 @ 6"	79.72	#6 @ 6"	79.72	#6 @ 5"	83.02	#6 @ 5"	83.02		
	7	#4 @ 10"	60.38	#5 @ 10"	65.38	#5 @ 10"	64.52	#5 @ 8"	67.85	#5 @ 7"	70.19	#5 @ 7"	69.84	#5 @ 6"	73.30	#5 @ 6"	73.07	#6 @ 8"	74.93	#6 @ 8"	74.76	#6 @ 7"	78.62	#6 @ 7"	78.62	#6 @ 6"	81.92	#6 @ 6"	81.92	#6 @ 5"	85.22	#6 @ 5"	85.22		
	8	#4 @ 10"	62.64	#5 @ 10"	67.64	#5 @ 10"	66.78	#5 @ 8"	69.31	#5 @ 7"	71.65	#5 @ 7"	71.30	#5 @ 6"	74.76	#5 @ 6"	74.53	#6 @ 8"	76.17	#6 @ 8"	76.00	#6 @ 7"	79.72	#6 @ 7"	79.72	#6 @ 6"	83.02	#6 @ 6"	83.02	#6 @ 5"	86.32	#6 @ 5"	86.32		
10	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"	73.90	#6 @ 6"	77.20	#6 @ 6"	77.20	#6 @ 5"	80.50	#6 @ 5"	80.50		
	6	#4 @ 10"	58.12	#5 @ 10"	62.92	#5 @ 10"	62.06	#5 @ 8"	65.39	#5 @ 7"	67.73	#5 @ 7"	67.38	#5 @ 6"	70.84	#5 @ 6"	70.61	#6 @ 8"	72.67	#6 @ 8"	72.50	#6 @ 7"	76.42	#6 @ 7"	76.42	#6 @ 6"	79.72	#6 @ 6"	79.72	#6 @ 5"	83.02	#6 @ 5"	83.02		
	7	#4 @ 10"	60.38	#5 @ 10"	65.38	#5 @ 10"	64.52	#5 @ 8"	67.85	#5 @ 7"	70.19	#5 @ 7"	69.84	#5 @ 6"	73.30	#5 @ 6"	73.07	#6 @ 8"	74.93	#6 @ 8"	74.76	#6 @ 7"	78.62	#6 @ 7"	78.62	#6 @ 6"	81.92	#6 @ 6"	81.92	#6 @ 5"	85.22	#6 @ 5"	85.22		
	8	#4 @ 10"	62.64	#5 @ 10"	67.64	#5 @ 10"	66.78	#5 @ 8"	69.31	#5 @ 7"	71.65	#5 @ 7"	71.30	#5 @ 6"	74.76	#5 @ 6"	74.53	#6 @ 8"	76.17	#6 @ 8"	76.00	#6 @ 7"	79.72	#6 @ 7"	79.72	#6 @ 6"	83.02	#6 @ 6"	83.02	#6 @ 5"	86.32	#6 @ 5"	86.32		
9	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"	73.90	#6 @ 6"	77.20	#6 @ 6"	77.20	#6 @ 5"	80.50	#6 @ 5"	80.50		
	6	#4 @ 10"	58.12	#5 @ 10"	62.92	#5 @ 10"	62.06	#5 @ 8"	65.39	#5 @ 7"	67.73	#5 @ 7"	67.38	#5 @ 6"	70.84	#5 @ 6"	70.61	#6 @ 8"	72.67	#6 @ 8"	72.50	#6 @ 7"	76.42	#6 @ 7"	76.42	#6 @ 6"	79.72	#6 @ 6"	79.72	#6 @ 5"	83.02	#6 @ 5"	83.02		
	7	#4 @ 10"	60.38	#5 @ 10"	65.38	#5 @ 10"	64.52	#5 @ 8"	67.85	#5 @ 7"	70.19	#5 @ 7"	69.84	#5 @ 6"	73.30	#5 @ 6"	73.07	#6 @ 8"	74.93	#6 @ 8"	74.76	#6 @ 7"	78.62	#6 @ 7"	78.62	#6 @ 6"	81.92	#6 @ 6"	81.92	#6 @ 5"	85.22	#6 @ 5"	85.22		
	8	#4 @ 10"	62.64	#5 @ 10"	67.64	#5 @ 10"	66.78	#5 @ 8"	69.31	#5 @ 7"	71.65	#5 @ 7"	71.30	#5 @ 6"	74.76	#5 @ 6"	74.53	#6 @ 8"	76.17	#6 @ 8"	76.00	#6 @ 7"	79.72	#6 @ 7"	79.72	#6 @ 6"	83.02	#6 @ 6"	83.02	#6 @ 5"	86.32	#6 @ 5"	86.32		
8	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"	73.90	#6 @ 6"	77.20	#6 @ 6"	77.20	#6 @ 5"	80.50	#6 @ 5"	80.50		
	6	#4 @ 10"	58.12	#5 @ 10"	62.92	#5 @ 10"	62.06	#5 @ 8"	65.39	#5 @ 7"	67.73	#5 @ 7"	67.38	#5 @ 6"	70.84	#5 @ 6"	70.61	#6 @ 8"	72.67	#6 @ 8"	72.50	#6 @ 7"	76.42	#6 @ 7"	76.42	#6 @ 6"	79.72	#6 @ 6"	79.72	#6 @ 5"	83.02	#6 @ 5"	83.02		
	7	#4 @ 10"	60.38	#5 @ 10"	65.38	#5 @ 10"	64.52	#5 @ 8"	67.85	#5 @ 7"	70.19	#5 @ 7"	69.84	#5 @ 6"	73.30	#5 @ 6"	73.07	#6 @ 8"	74.93	#6 @ 8"	74.76	#6 @ 7"	78.62	#6 @ 7"	78.62	#6 @ 6"	81.92	#6 @ 6"	81.92	#6 @ 5"	85.22	#6 @ 5"	85.22		
	8	#4 @ 10"	62.64	#5 @ 10"	67.64	#5 @ 10"	66.78	#5 @ 8"	69.31	#5 @ 7"	71.65	#5 @ 7"	71.30	#5 @ 6"	74.76	#5 @ 6"	74.53	#6 @ 8"	76.17	#6 @ 8"	76.00	#6 @ 7"	79.72	#6 @ 7"	79.72	#6 @ 6"	83.02	#6 @ 6"	83.02	#6 @ 5"	86.32	#6 @ 5"	86.32		
7	4	#4 @ 10"	53.60	#5 @ 10"	57.95	#5 @ 10"	57.10	#5 @ 8"	60.22	#5 @ 7"	62.43	#5 @ 7"	62.09	#5 @ 6"	65.38	#5 @ 6"	65.15	#6 @ 8"	67.10	#6 @ 8"	66.84	#6 @ 7"	70.66	#6 @ 7"	70.60	#6 @ 6"	73.90	#6 @ 6"	73.90	#6 @ 5"	77.20	#6 @ 5"	77.20		
	5	#4 @ 10"	55.86	#5 @ 10"	60.46	#5 @ 10"	59.60	#5 @ 8"	62.89	#5 @ 7"	65.23	#5 @ 7"	64.88	#5 @ 6"	68.34	#5 @ 6"	68.11	#6 @ 8"	70.17	#6 @ 8"	70.00	#6 @ 7"	73.90	#6 @ 7"											

	PROJECT BOUNDARY LINE
	ADJACENT PROPERTY BOUNDARY LINE
	RIGHT OF WAY LINE
	EXISTING ADJACENT LOT LINE
	PROPOSED LOT LINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PROPOSED ROAD CENTERLINE
	EXISTING ROAD CENTERLINE
	PROPOSED RIDGE LINE
	PROPOSED SWALE LINE
	EXISTING SWALE LINE
	EXISTING FENCE
	PROPOSED FENCE
	PROPOSED CURB AND GUTTER
	EXISTING CURB AND GUTTER
	EXISTING EDGE OF ASPHALT
	PROPOSED GRAVEL SHOULDER PER EQM TABLE D-7
	EXISTING SIGN
	PROPOSED SIGN

	EXISTING OVERHEAD ELECTRIC
	EXISTING GAS LINE
	EXISTING WATER LINE
	PROPOSED WATER LINE
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING STORM SEWER MANHOLE
	PROPOSED STORM SEWER MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	PROPOSED SANITARY SEWER MANHOLE

☐ PROPOSED CONCRETE
☐ EXISTING CONCRETE/ASPHALT PAVING
☐ PROPOSED ASPHALT PAVING

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

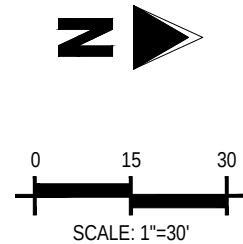
SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

ALL BEARINGS USED ON THIS PLAT ARE BASED ON AN ASSUMED BEARING BETWEEN A REBAR WITH YELLOW CAP STAMPED "BOSTROM PLS NO. 9477" AT THE SOUTHEAST CORNER AND A NO. 4 REBAR WITH CAP STAMPED "RMLS NO. 19625" AT THE SOUTHWEST CORNER. THE ASSUMED BEARING BETWEEN THESE MONUMENTS IS S 89° 58' 15" W.

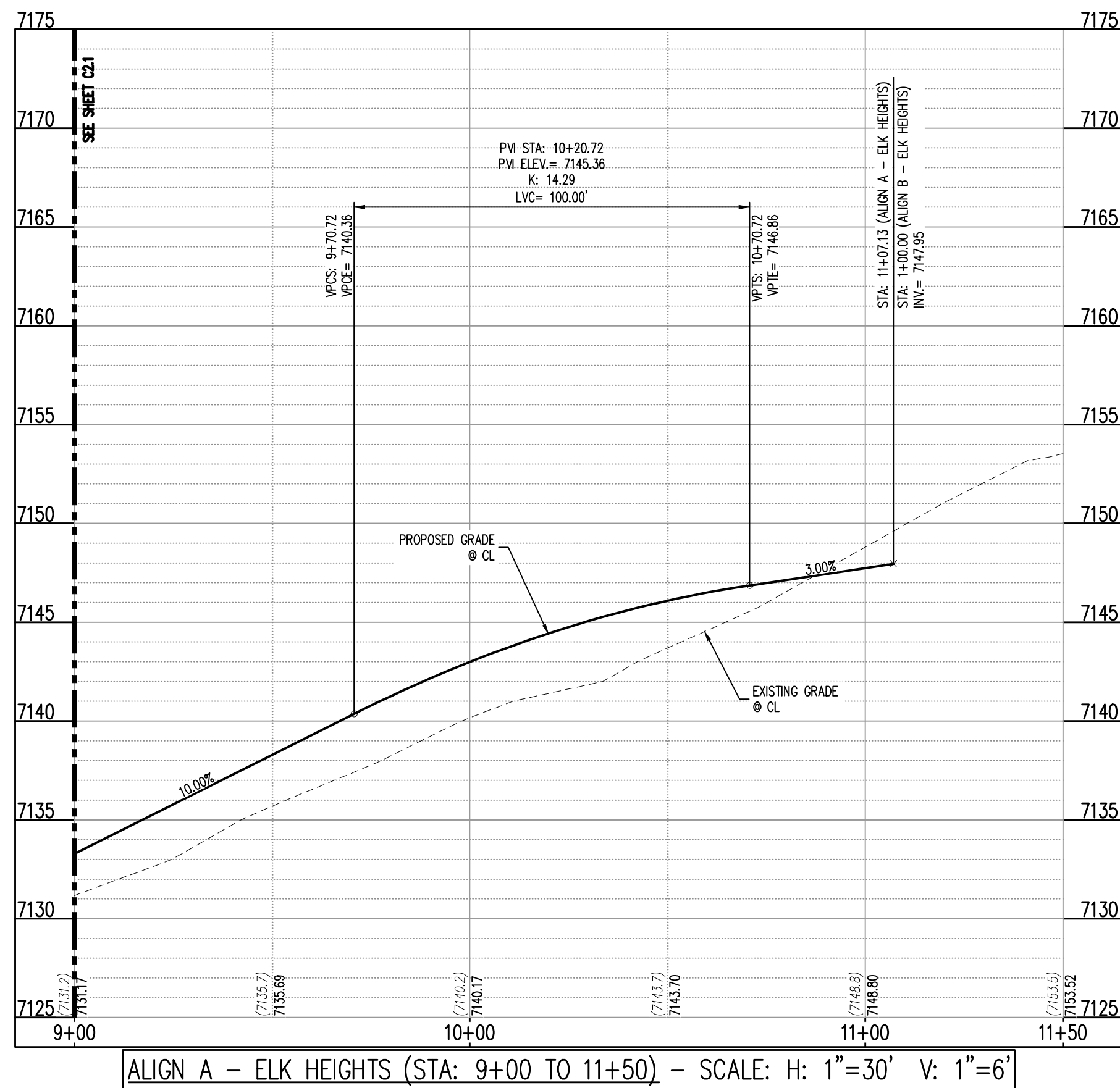
A REBAR WITH YELLOW CAP STAMPED "BOSTROM PLS NO. 9477" AT THE SOUTHEAST CORNER. THE INTERPOLATED ELEVATION USED THERON IS 7128.06'.

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

811
Know what's below.
Call before you dig.



PRIVATE ROADWAY - 60' EASEMENT
25 MPH DESIGN SPEED (RURAL-LOCAL)
SCALE: 1"=30'



1155 Kelly Johnson Blvd., Suite 305
Colorado Springs, CO 80920
719.900.7220
GallowayUS.com

NOT FOR CONSTRUCTION

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WITHOUT THE WRITTEN CONSENT OF GALLOWAY.
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ENFORCED AND PROSECUTED.



ELK VIEW ESTATES
CONSTRUCTION DRAWINGS

OLD RANCH ROAD
EL PASO COUNTY, CO

[illegible]

Project No:	ERD01
Drawn By:	ELB
Checked By:	JAO
Date:	8/21/2026

PRIVATE ROADWAY PLAN & PROFILES

PRIVATE ROADWAY
PLAN & PROFILES

C9.2

Sheet 10 of 11

SITE LEGEND

	PROJECT BOUNDARY LINE
	ADJACENT PROPERTY BOUNDARY LINE
	RIGHT OF WAY LINE
	EXISTING ADJACENT LOT LINE
	PROPOSED LOT LINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PROPOSED ROAD CENTERLINE
	EXISTING ROAD CENTERLINE
	PROPOSED RIDGE LINE
	PROPOSED SWALE LINE
	EXISTING SWALE LINE
	EXISTING FENCE
	PROPOSED FENCE
	PROPOSED CURB AND GUTTER
	EXISTING CURB AND GUTTER
	EXISTING EDGE OF ASPHALT
	PROPOSED GRAVEL SHOULDER PER ECM TABLE D-7
	EXISTING SIGN
	PROPOSED SIGN

UTILITY LEGEND

	EXISTING OVERHEAD ELECTRIC
	EXISTING GAS LINE
	EXISTING WATER LINE
	PROPOSED WATER LINE
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING STORM SEWER MANHOLE
	PROPOSED STORM SEWER MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	PROPOSED SANITARY SEWER MANHOLE

PAVING LEGEND

	PROPOSED CONCRETE
	EXISTING CONCRETE/ASPHALT PAVING
	PROPOSED ASPHALT PAVING

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL, DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

BASIS OF BEARING

ALL BEARINGS USED ON THIS PLAT ARE BASED ON AN ASSUMED BEARING BETWEEN A REBAR WITH YELLOW CAP STAMPED "BOSTROM PLS NO. 9477" AT THE SOUTHEAST CORNER AND A NO. 4 REBAR WITH CAP STAMPED "RMLS NO. 19625" AT THE SOUTHWEST CORNER. THE ASSUMED BEARING BETWEEN THESE MONUMENTS IS S 89° 58' 15" W.

BENCHMARK

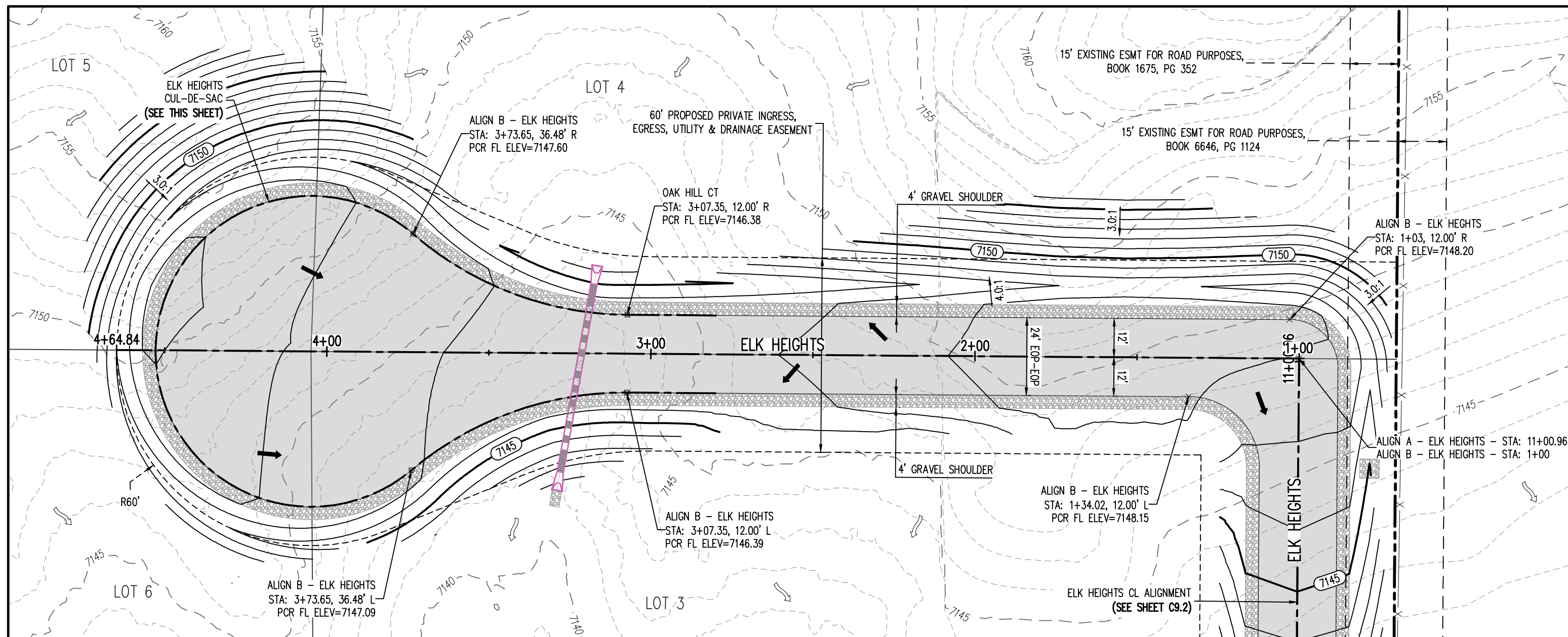
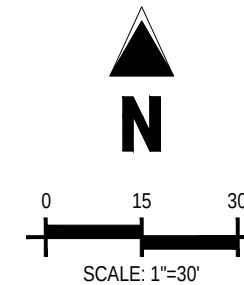
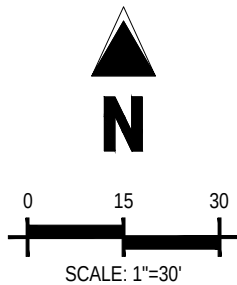
A REBAR WITH YELLOW CAP STAMPED "BOSTROM PLS NO. 9477" AT THE SOUTHEAST CORNER. THE INTERPOLATED ELEVATION USED THEREON IS 7126.06'.

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

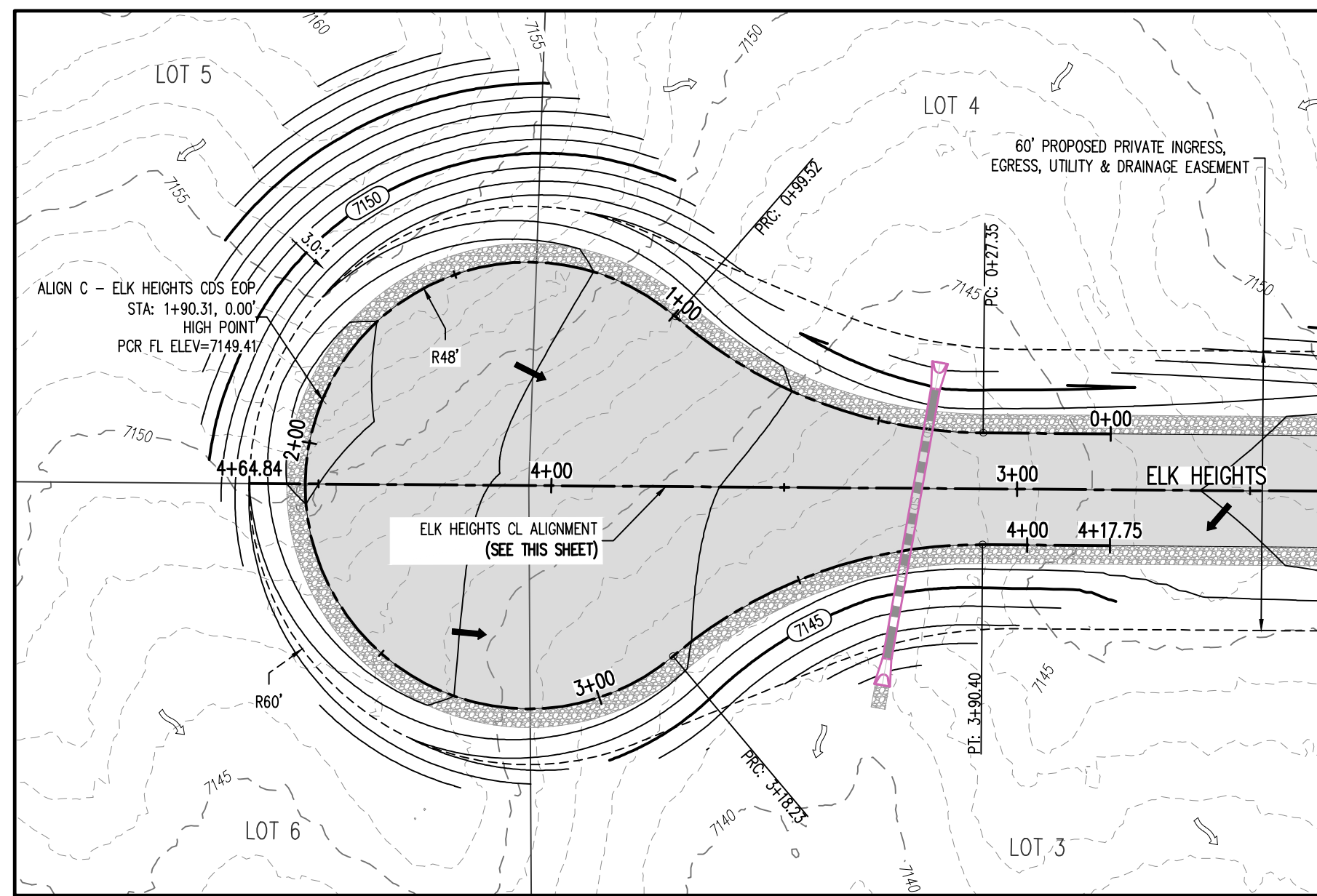


Know what's below.
Call before you dig.



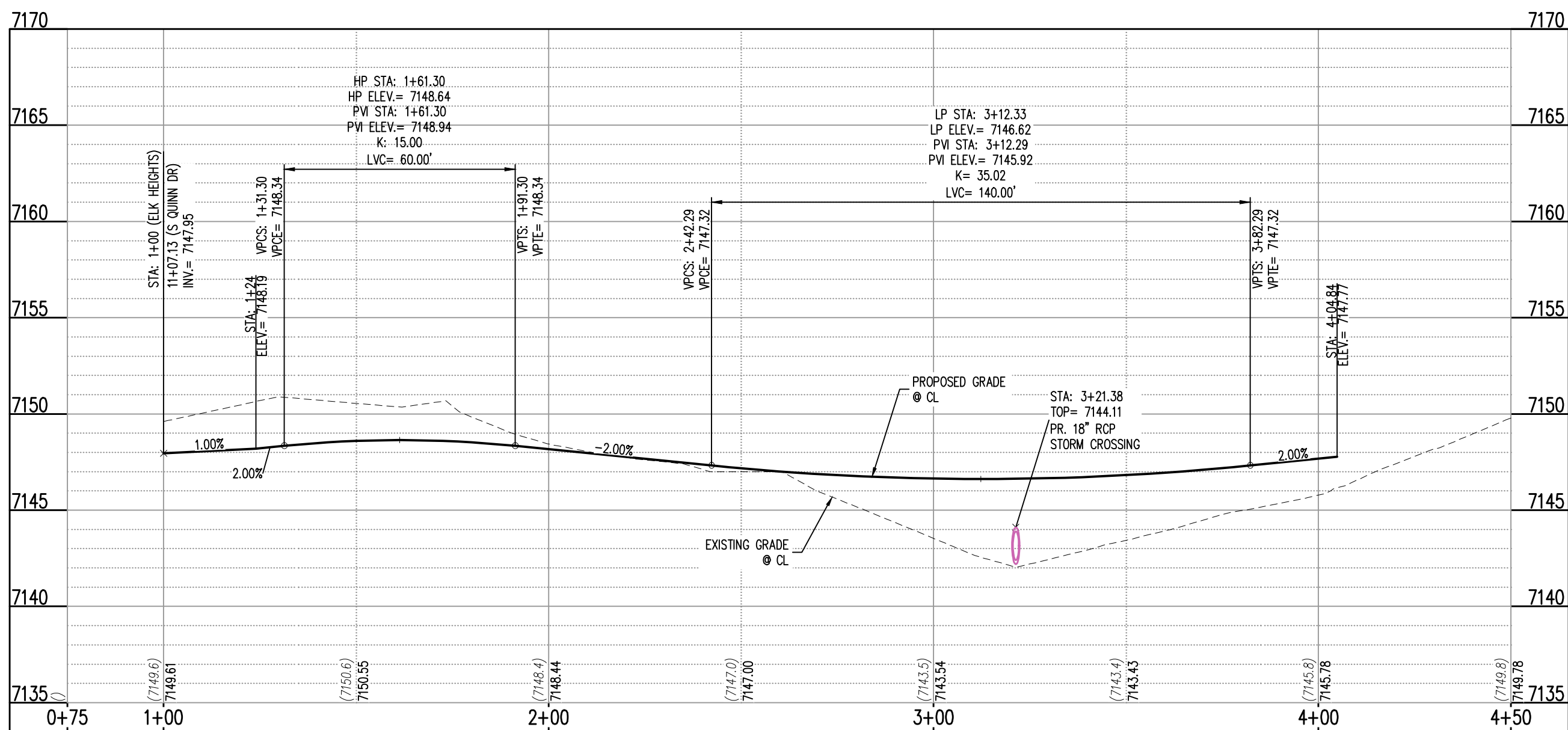
PRIVATE ROADWAY - 60' EASEMENT
25 MPH DESIGN SPEED (RURAL-LOCAL)

SCALE: 1"=30'

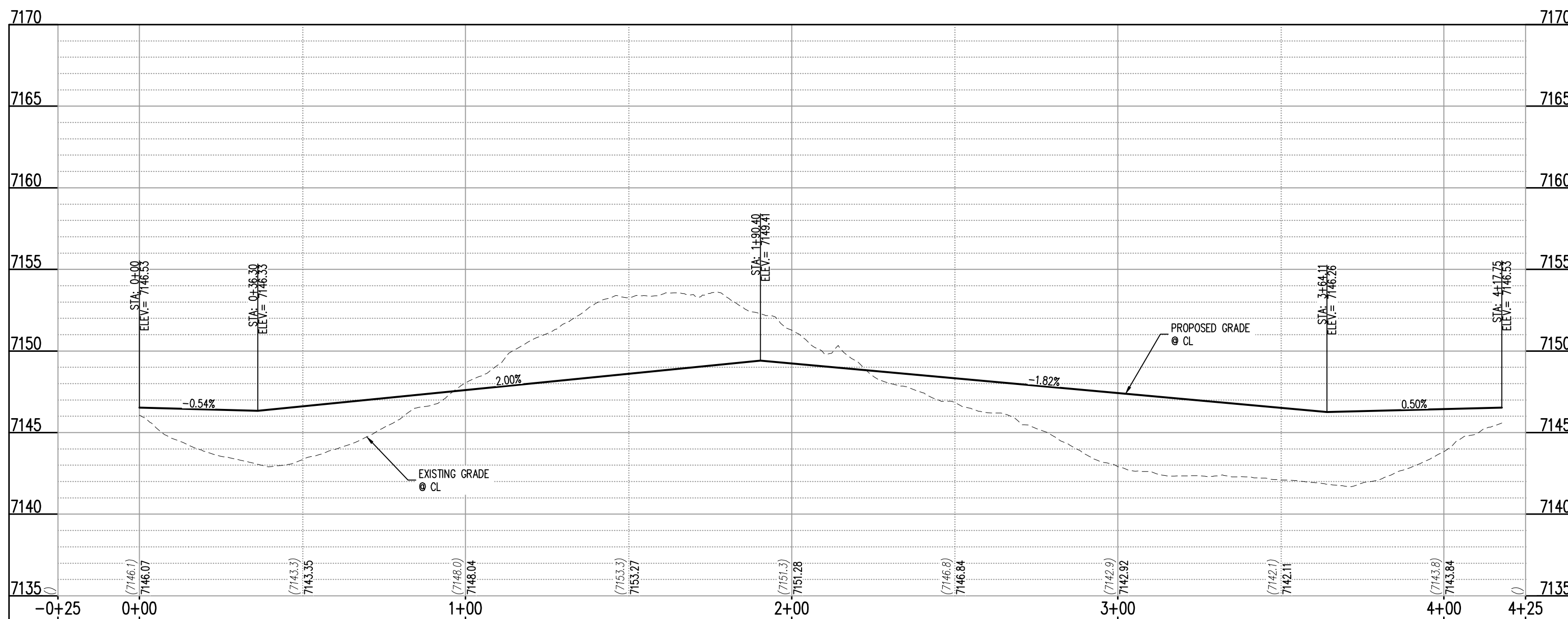


PRIVATE ROADWAY - 60' EASEMENT
25 MPH DESIGN SPEED (RURAL-LOCAL)

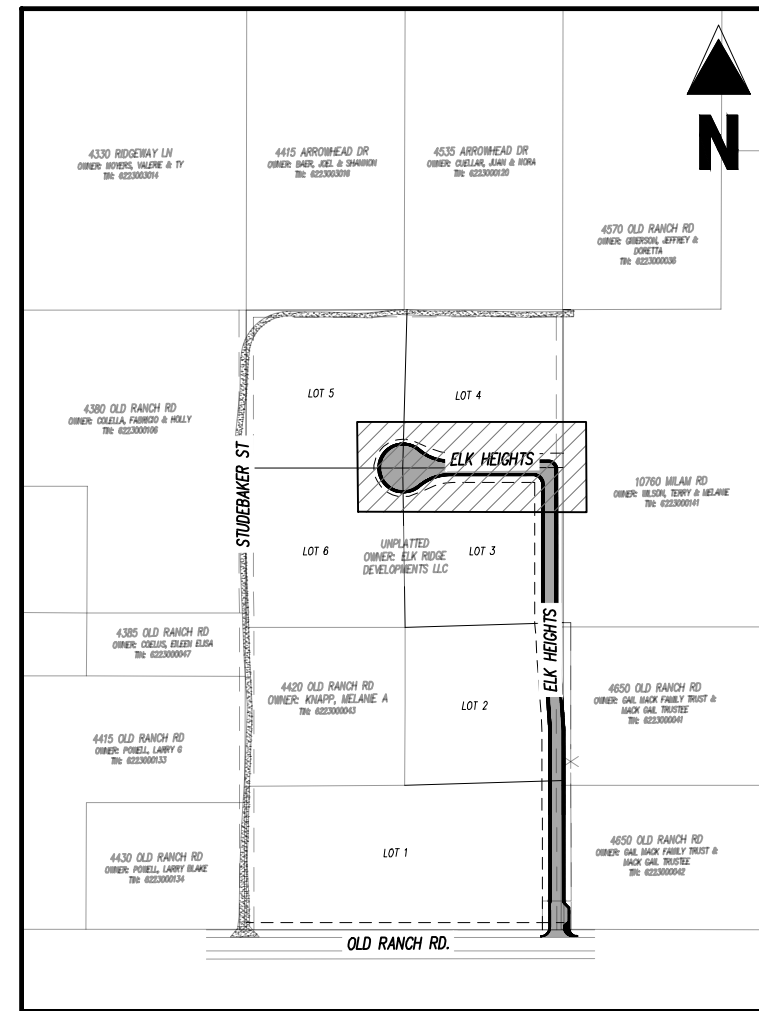
SCALE: 1"=30'



ALIGN B - ELK HEIGHTS (STA: 0+75 TO 4+50) - SCALE: H: 1"=30' V: 1"=6'



ALIGN C - ELK HEIGHTS CDS EOP (STA: -0+25 TO 4+25) - SCALE: H: 1"=30' V: 1"=6'



KEY MAP
SCALE: 1"=400'

Galloway

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Colorado Springs, CO 80920
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GallowayUS.com

NOT FOR
CONSTRUCTION

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ELK VIEW ESTATES
CONSTRUCTION DRAWINGS

OLD RANCH ROAD
EL PASO COUNTY, CO

#	Date	Issue / Description	Init.
1	11/26/2025	1ST COUNTY SUBMITTAL	ELB
2	06/02/2026	2ND COUNTY SUBMITTAL	ELB

Project No:	ERD01
Drawn By:	ELB
Checked By:	JAO
Date:	8/21/2026

PRIVATE ROADWAY
PLAN & PROFILES

C9.3

Sheet 11 of 11