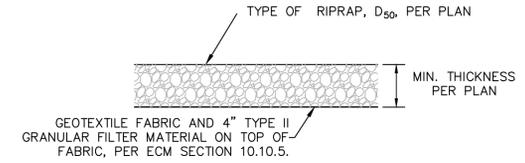
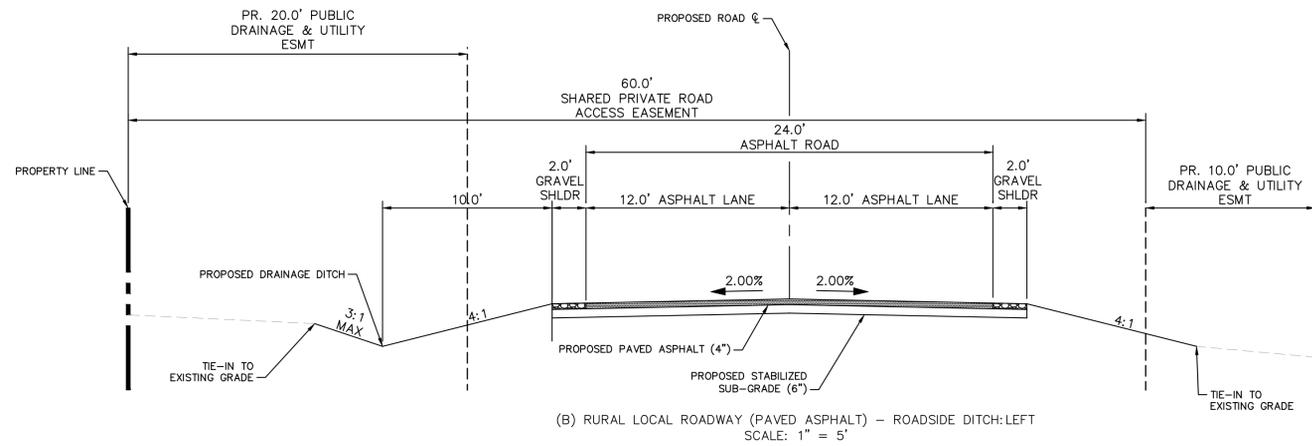
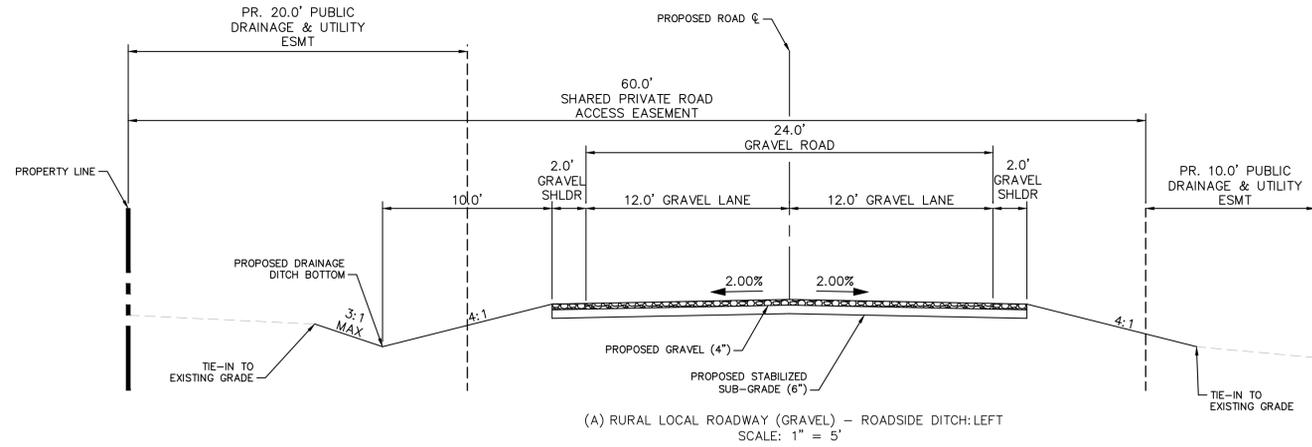


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1. D50 = MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT.
2. RIP RAP SECTION THICKNESS SHALL BE 2.0 TIMES THE SPECIFIED MEAN PARTICLE SIZE (I.E. D50 X 2.0 MINIMUM) PER ECM SECTION 10.10.3.
3. ALL RIP RAP SHALL BE UNDERLAIN WITH GEOTEXTILE FILTER FABRIC FOR STABILIZATION.
4. RIP RAP SHALL WRAP AROUND AND EXTEND 2' MIN. BEHIND FLUME AND FLARED END SECTIONS.

Table 1: Riprap Gradation

Riprap Designation	% Smaller Than Given Size By Weight	Intermediate Rock Dimension (inches)	d ₅₀ * (inches)
Type VL	70 - 100	12	6**
	50 - 70	9	
	35 - 50	6	
	2 - 10	2	
Type L	70 - 100	15	9**
	50 - 70	12	
	35 - 50	9	
	2 - 10	3	
Type M	70 - 100	21	12**
	50 - 70	18	
	35 - 50	12	
	2 - 10	4	
Type H	70 - 100	30	18
	50 - 70	24	
	35 - 50	18	
	2 - 10	6	
Type VH	70 - 100	41	24
	50 - 70	33	
	35 - 50	24	
	2 - 10	9	

*d₅₀ = Mean Particle Size

**Mix VL, L and M riprap with 35% topsoil (by volume) and bury it with 4 to 6 inches of topsoil, all vibration compacted, and revegetate.

NO.	REVISION	BY	DATE	APPR.

Kimley»Horn
 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 2 North Nevada Avenue Suite 900
 Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: KRK
 DRAWN BY: DPM
 CHECKED BY: KRK
 DATE: 11/11/2024

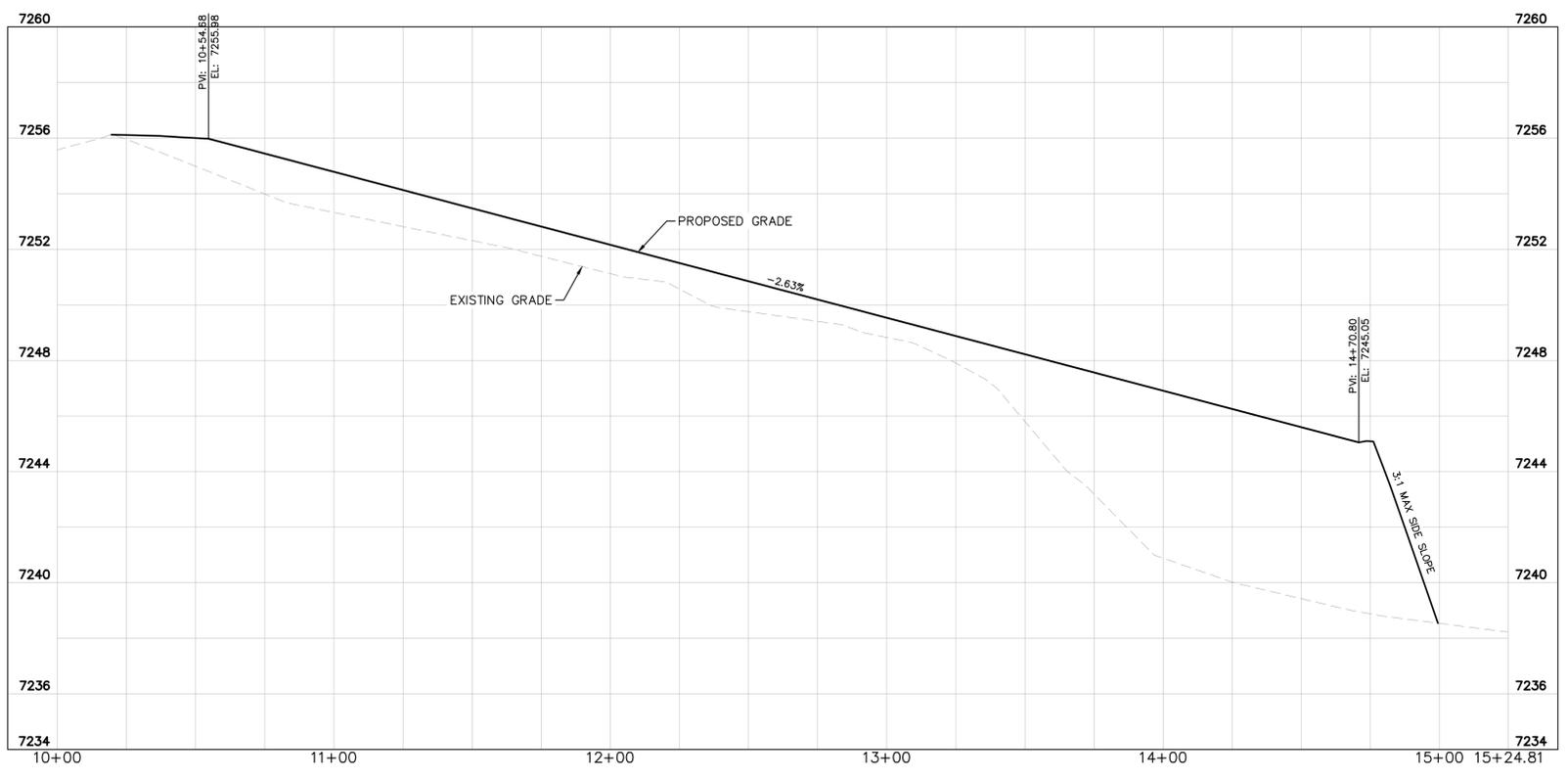
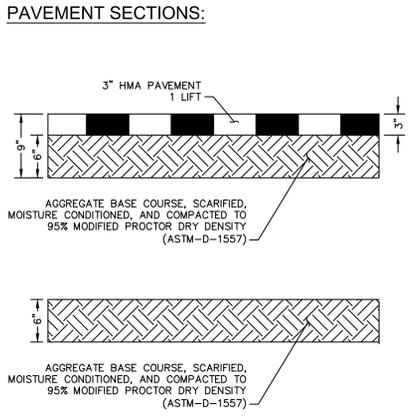
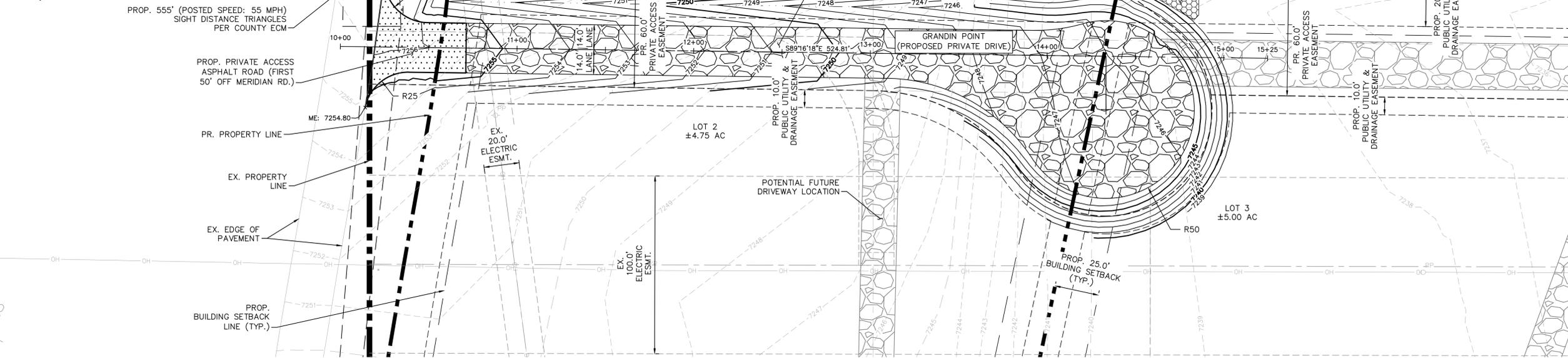
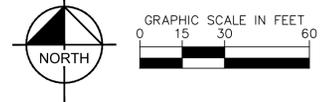
KNECHT MINOR SUBDIVISION
 EL PASO COUNTY, COLORADO
 CONSTRUCTION DOCUMENTS
 TYPICAL SECTION & DETAILS

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PROJECT NO.
 196775000

SHEET
 2

- LEGEND**
- PROPERTY LINE
 - EXISTING FLOODPLAIN BOUNDARY
 - PROPOSED GRAVEL PRIVATE ROAD
 - PROPOSED POTENTIAL GRAVEL SHARED PRIVATE DRIVEWAY
 - PROPOSED ASPHALT ROAD
 - EXISTING OVERHEAD ELECTRIC LINE



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

CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-800-922-1987
CALL 2-BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES

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2 North Nevada Avenue Suite 900
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DATE: 11/11/2024

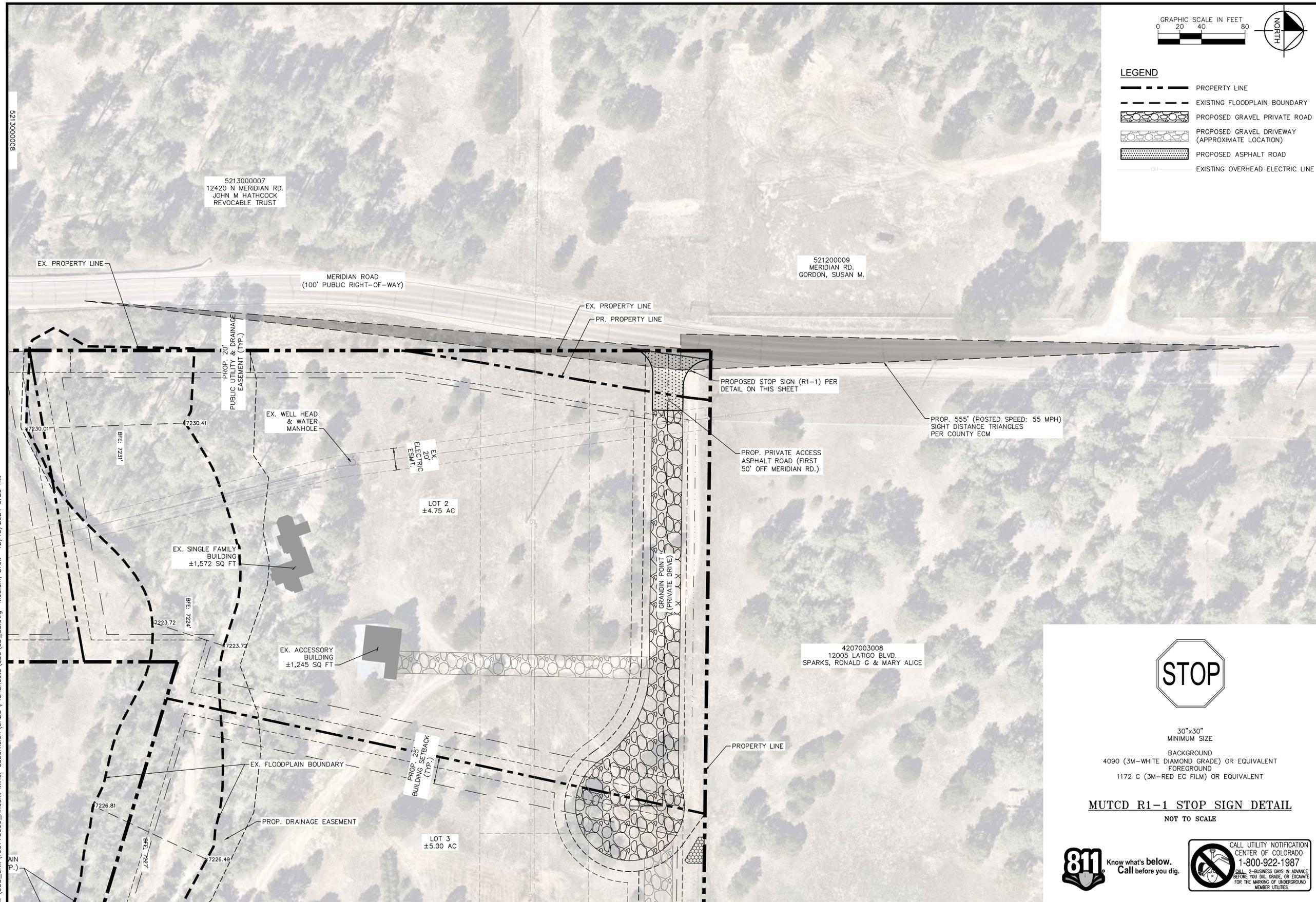
KNECHT MINOR SUBDIVISION
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
ROAD PLAN & PROFILE

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SHEET
4

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GRAPHIC SCALE IN FEET
0 20 40 80

NORTH

LEGEND

- PROPERTY LINE
- EXISTING FLOODPLAIN BOUNDARY
- PROPOSED GRAVEL PRIVATE ROAD
- PROPOSED GRAVEL DRIVEWAY (APPROXIMATE LOCATION)
- PROPOSED ASPHALT ROAD
- EXISTING OVERHEAD ELECTRIC LINE

NO.	REVISION	BY	DATE	APPR.

Kimley»Horn
 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 2 North Nevada Avenue Suite 900
 Colorado Springs, Colorado 80903 (719) 453-0180

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 DATE: 11/11/2024

KNECHT MINOR SUBDIVISION
 EL PASO COUNTY, COLORADO
 CONSTRUCTION DOCUMENTS
 SIGNAGE & STRIPING PLAN



30"x30"
MINIMUM SIZE

BACKGROUND
4090 (3M-WHITE DIAMOND GRADE) OR EQUIVALENT
FOREGROUND
1172 C (3M-RED EC FILM) OR EQUIVALENT

MUTCD R1-1 STOP SIGN DETAIL
NOT TO SCALE



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 Kimley-Horn and Associates, Inc.

PROJECT NO.
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SHEET
5