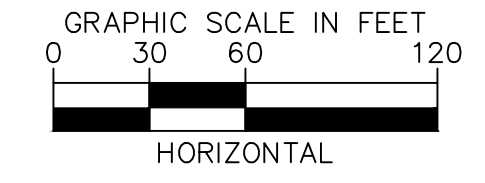
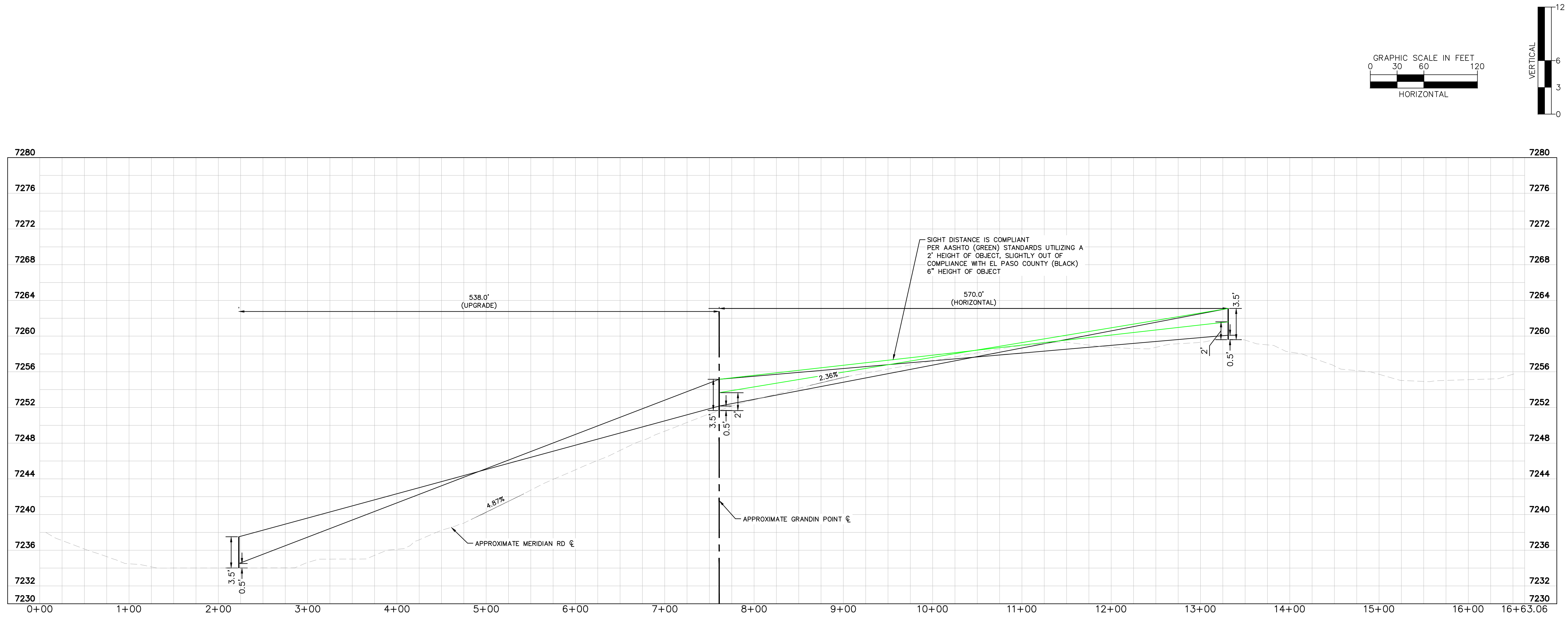


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Design Speed (MPH)	Downgrades			Design Speed (MPH)	Upgrades		
	Stopping Distance (feet)				Stopping Distance (feet)		
	3%	6%	9%		3%	6%	9%
25	158	165	173	25	147	143	140
30	205	215	227	30	200	184	179
40	315	333	354	40	289	278	269
50	446	474	507	50	405	288	375
60	598	638	686	60	538	515	495
70	771	825	891	70	690	658	631

\*TABLE 2-18. STOPPING DISTANCE AT GRADE ECM 2.3.6.D

**DESIGN CRITERIA**

	<u>MERIDIAN ROAD</u>
ROADWAY CLASSIFICATION	URBAN - MINOR ARTERIAL
DESIGN SPEED	60 MPH
POSTED SPEED	55 MPH
C/L GRADE (MIN./MAX.)	1.0%/5.0%
INTERSECTION GRADES (MIN./MAX.)	1.0%/4.0%
MINIMUM S.S.D. HORIZONTAL	570'
MINIMUM S.S.D. AT GRADE (DOWNGRADE)	598'
MINIMUM S.S.D. AT GRADE (UPGRADE)	538'

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  
 STOPPING DISTANCE EXHIBIT**

**PRELIMINARY**  
 FOR REVIEW ONLY  
 NOT FOR CONSTRUCTION  
 Kimley-Horn and Associates, Inc.

PROJECT NO.  
196775000  
SHEET

