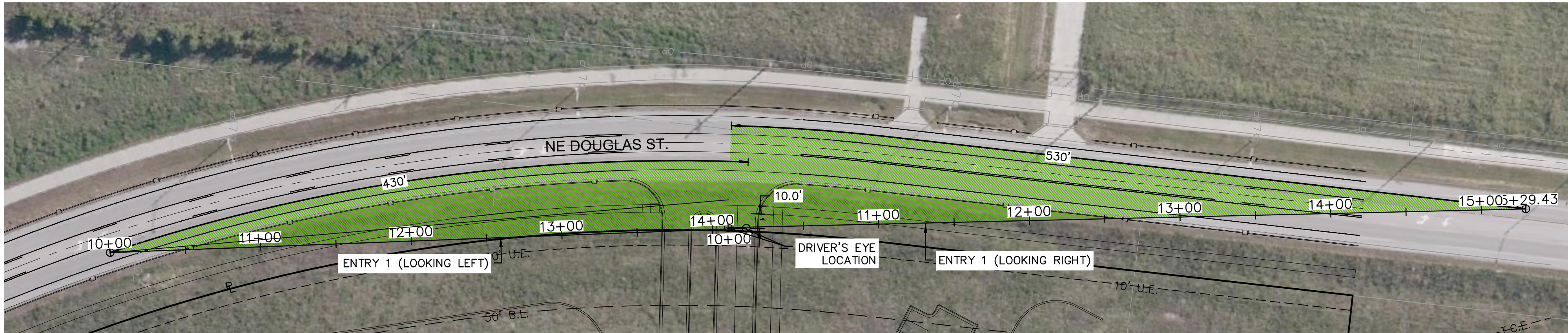
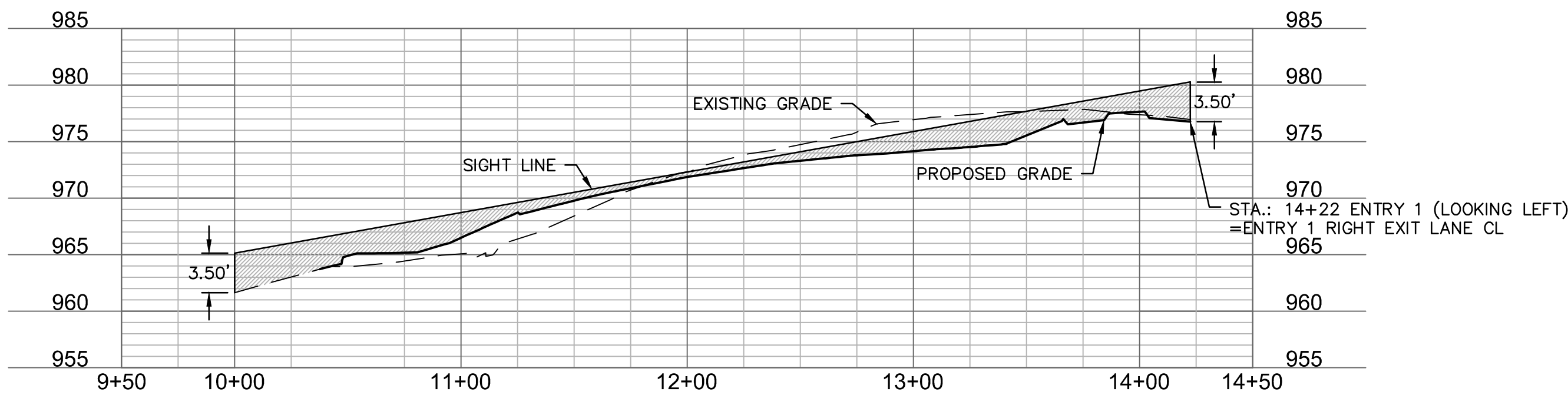


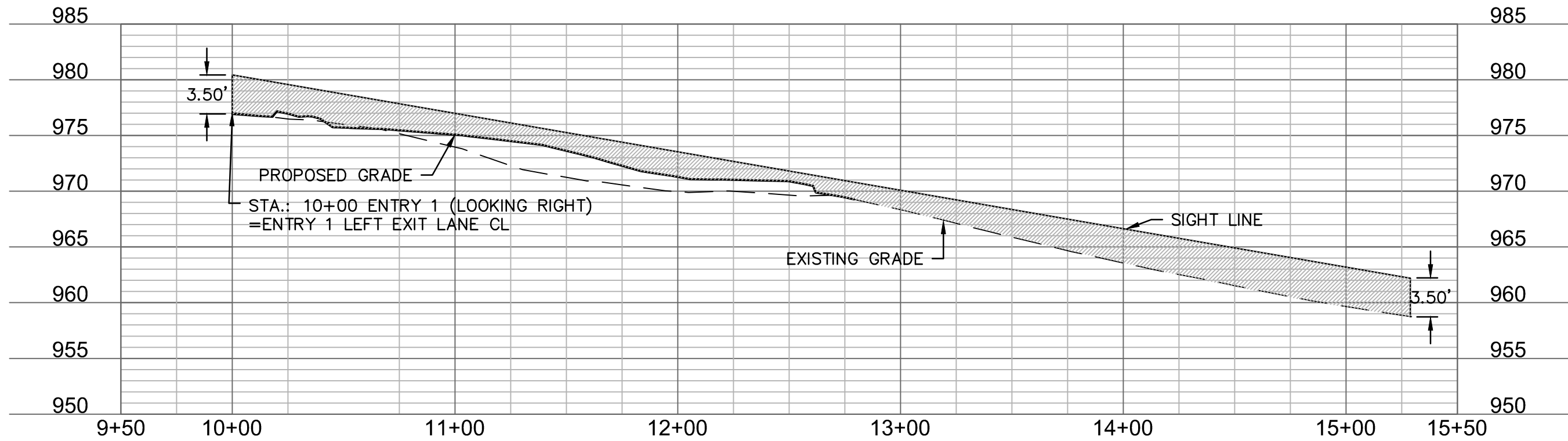
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ENTRY 1 (LOOKING LEFT) (9+50 - 14+50)

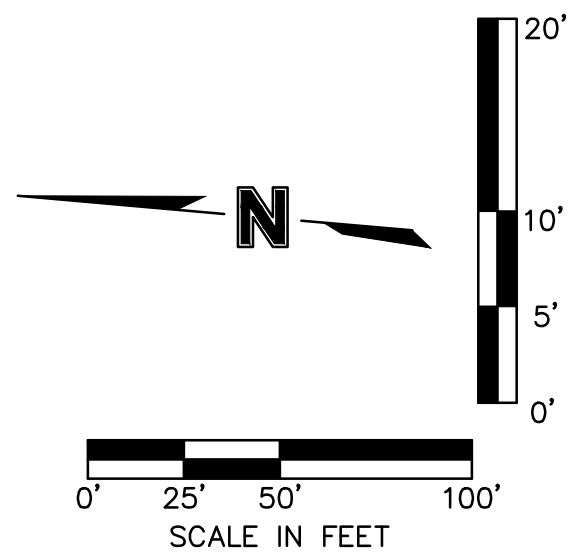


ENTRY 1 (LOOKING RIGHT) (9+50 - 15+50)



INTERSECTION SIGHT DISTANCE							
Intersection	Intersection Restrictions	Required Intersection Site Distance (Ft.)		Provided Intersection Site Distance (Ft.)		Minimum Distance Met	
		Case B1	Case B2	Case B1	Case B2	Case B1	Case B2
Drive 1 & NE Douglas St.	Passenger Vehicles Only	530	430	530+	430+	Yes	Yes

Note: Per AASHTO requirements, Required Intersection Sight Distance = 530' (45 MPH Posted Speed Limit - Case B1 - Left Turn from Stop) & 430' (45 MPH Posted Speed Limit - Case B2 - Right Turn from Stop). Stopped car sitting 10.0' behind the crosswalk. Driver's eye at 3.5' above road surface. Obstacle sitting at 3.5' above road surface.



DRIVE 1 ENTRANCE
INTERSECTION SIGHT DISTANCE (PASSENGER VEHICLE)

ARIA APARTMENTS
PHASE 1

LEE'S SUMMIT, MO

2021

SHEET
EX-01A



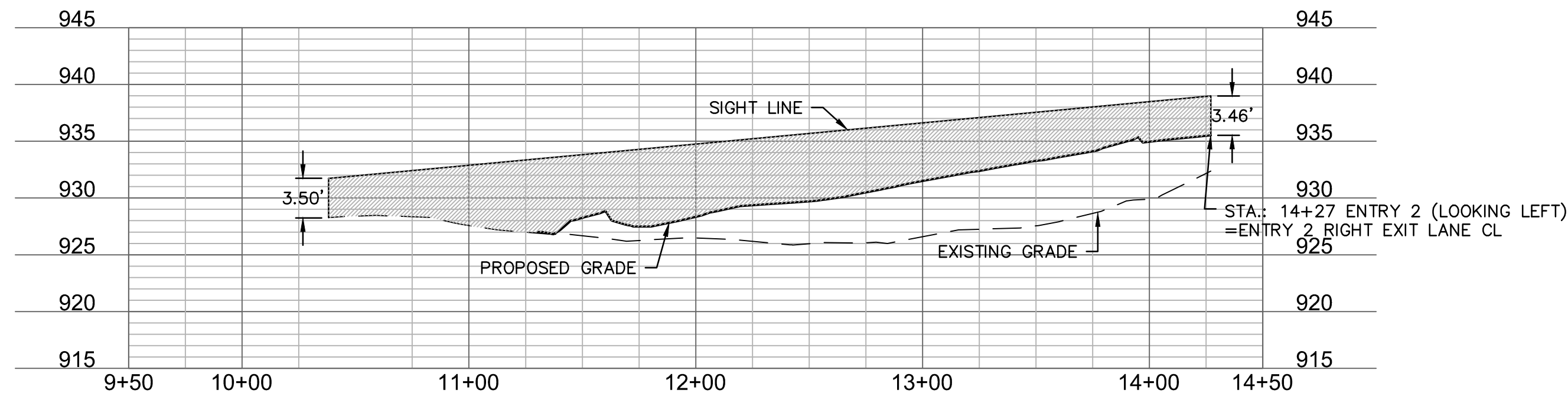
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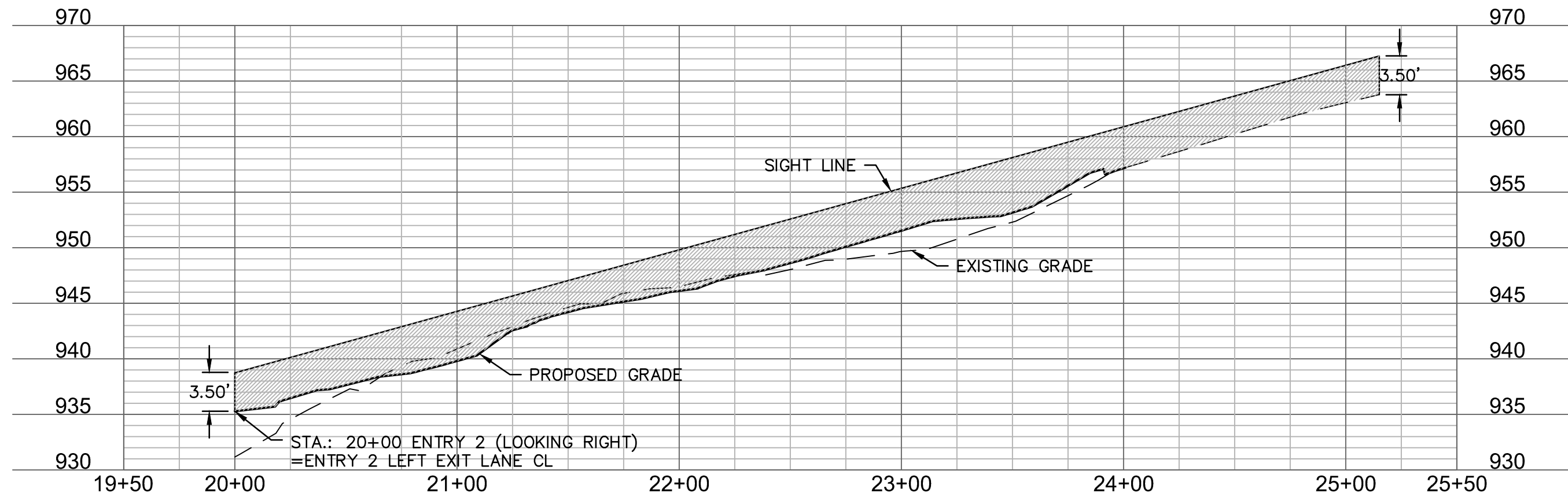
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ENTRY 2 (LOOKING LEFT) (9+50 - 14+50)

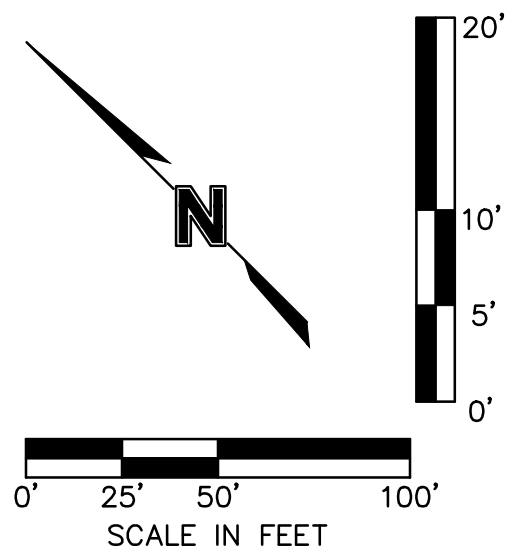


ENTRY 2 (LOOKING RIGHT) (19+50 - 25+50)



INTERSECTION SIGHT DISTANCE							
Intersection	Intersection Restrictions	Required Intersection		Provided Intersection		Minimum Distance	
		Case B1	Case B2	Case B1	Case B2	Case B1	Case B2
Drive 2 & NE Douglas St.	Passenger Vehicles Only	530	430	530+	430+	Yes	Yes

Note: Per AASHTO requirements, Required Intersection Sight Distance = 530' (45 MPH Posted Speed Limit - Case B1 - Left Turn from Stop) & 430' (45 MPH Posted Speed Limit - Case B2 - Right Turn from Stop). Stopped car sitting 10.0' behind the crosswalk. Driver's eye at 3.5' above road surface. Obstacle sitting at 3.5' above road surface.



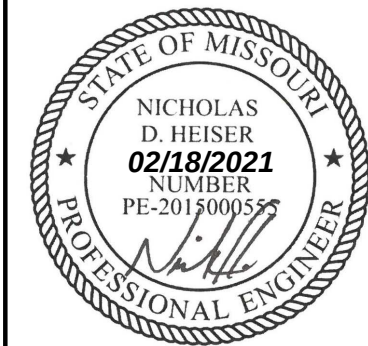
DRIVE 2 ENTRANCE
INTERSECTION SIGHT DISTANCE (PASSENGER VEHICLE)

ARIA APARTMENTS
PHASE 1

LEE'S SUMMIT, MO

2021

SHEET
EX-01B



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