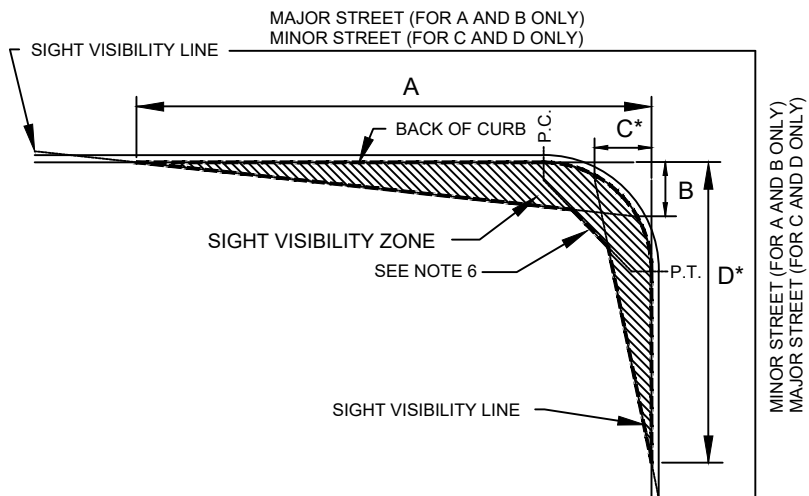


INTERSECTION SIGHT VISIBILITY ZONE

* THE SIGHT VISIBILITY ZONE CREATED BY "C" AND "D" IS NOT REQUIRED IF THE INTERSECTION IS CONTROLLED BY AN EXISTING TRAFFIC SIGNAL



TYPICAL INTERSECTION CORNER

SEE SHEETS 3 THROUGH 8 FOR TYPICAL INTERSECTION SIGHT VISIBILITY ZONE LIMITS

NOTE: FOR SIGHT ZONE DIMENSIONS, SEE SETBACK TABLE ON SHEET 2 OF THIS STANDARD DRAWING.

SPECIFICATION REFERENCE		AGENCY APPROVED	B	C	H	L	M	N	R	
		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA								
		SIGHT VISIBILITY ZONES AT INTERSECTIONS								
		DATE 01-09-20	DWG. NO. 201.2				SHEET 1 OF 8			

MAJOR ROW	48'	51'	60'	80'	100'
MINOR ROW	D1=286'(B1) D1=286'(B2) D2=330'(B1) D2=286'(B3)	D1=286'(B1) D1=286'(B2) D2=330'(B1) D2=286'(B3)	D1=381'(B1) D1=381'(B2) D2=469'(B1) D2=440'(B3)	D1=411'(B1) D1=381'(B2) D2=499'(B1) D2=469'(B3)	D1=521'(B2) D1=605'(B3) D2=726'(B1) D2=726'(B3)
48' D1=286'(B1) D1=286'(B2) D2=330'(B1) D2=286'(B3)	A = 92' B = 12' C = 12' D = 79'	A = 87' B = 11' C = 11' D = 75'	A = 106' B = 11' C = 11' D = 97'	A = 163' B = 10' C = 11' D = 76'	A = 272' B = 11' C = 11' D = 101'
51' D1=286'(B1) D1=286'(B2) D2=330'(B1) D2=286'(B3)	A = 91' B = 12' C = 12' D = 79'	A = 87' B = 10' C = 10' D = 75'	A = 108' B = 10' C = 10' D = 101'	A = 159' B = 10' C = 10' D = 75'	A = 272' B = 11' C = 11' D = 99'
60' D1=381'(B1) D1=381'(B2) D2=469'(B1) D2=440'(B3)	A = 85' B = 11' C = 11' D = 85'	A = 86' B = 10' C = 10' D = 92'	A = 104' B = 10' C = 11' D = 97'	A = 136' B = 9' C = 10' D = 71'	A = 221' B = 10' C = 11' D = 95'
80' D1=411'(B1) D1=381'(B2) D2=499'(B1) D2=469'(B3)	N/A	N/A	A = 112' B = 12' C = 12' D = 101'	A = 118' B = 12' C = 11' D = 72'	A = 201' B = 11' C = 11' D = 101'
100' D1=521'(B2) D1=605'(B3) D2=726'(B1) D2=726'(B3)	N/A	N/A	N/A	A = 110' B = 10' C = 9' D = 62'	A = 181' B = 10' C = 10' D = 91'

GENERAL NOTES

SETBACK TABLE

- EACH CORNER OF EVERY INTERSECTION SHALL HAVE A SIGHT VISIBILITY ZONE REGARDLESS OF RIGHT-OF-WAY WIDTH.
- NO WALLS, FENCES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES, FIRE HYDRANTS, TREES, AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE. THIS RESTRICTION EXTENDS ALONG THE SIGHT VISIBILITY LINE THROUGH LANDSCAPED MEDIANS.
- AT INTERSECTIONS WHERE THE CLASSIFICATION OF MAJOR AND MINOR STREETS CANNOT BE PERMANENTLY ESTABLISHED, EACH LEG OF THE INTERSECTION MUST BE ANALYZED AS IF THE APPROACH LEG IS A MINOR STREET INTERSECTING A MAJOR STREET. THE PORTIONS OF THE SIGHT VISIBILITY ZONE LABELED "N/A" IN THE SETBACK TABLE ARE NOT REQUIRED. AT "T" INTERSECTIONS, THE TERMINATING LEG WILL ALWAYS BE THE MINOR STREET.
- CURVING ROADWAYS AND ROADWAYS WITH INTERSECTING ANGLES GREATER THAN 10 DEGREES MUST BE ANALYZED USING D1, D2, THE EYE POSITION, AND THE CAR POSITION AS SHOWN IN THE INFORMATION ABOVE.
- USE OF A SIGHT VISIBILITY ZONE DIFFERENT THAN THAT SHOWN HEREIN SHALL REQUIRE A SIGHT VISIBILITY ANALYSIS PREPARED AND SUBMITTED FOR APPROVAL TO THE LOCAL ENTITY ENGINEER BY A CIVIL ENGINEER REGISTERED IN THE STATE OF NEVADA.
- THE AREA WITHIN THE LIMITS OF THE ARC AND THE CHORD AT THE CURB RETURN (OFFSET 5' FROM BACK OF CURB) SHALL BE ADDED TO THE SIGHT VISIBILITY ZONE AT EACH CORNER OF EVERY INTERSECTION, EXCEPT FOR 80' x 80' INTERSECTIONS OR GREATER.
- ON-STREET PARKING SHALL BE PROHIBITED WITHIN AREAS DESIGNATED BY DIMENSIONS "A" AND "D" ON SHEET 1 OF THIS DRAWING, SUBJECT TO THE APPROVAL OF THE TRAFFIC ENGINEER OR DESIGNATED REPRESENTATIVE OF THE ENTITY HAVING JURISDICTION.
- TREES WITH A MATURE SINGLE TRUNK DIAMETER LESS THAN 10-INCHES, A CANOPY HEIGHT GREATER THAN 8-FEET, A MINIMUM SPACING GREATER THAN ONE HALF THE ROADWAY WIDTH (BACK OF CURB TO BACK OF CURB), AND A MINIMUM OF 30-FEET FROM THE NEAREST CURB RETURN WILL BE ALLOWED IN THE SIGHT VISIBILITY ZONE, SUBJECT TO THE APPROVAL OF THE ENTITY HAVING JURISDICTION.
- CONSULT THE AASHTO PUBLICATION A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS FOR RIGHT-OF-WAYS GREATER THAN 100'.

BASIS FOR ANALYSIS

THE FOLLOWING CRITERIA WAS USED AS THE BASIS FOR DESIGN OF SIGHT VISIBILITY ZONES:

AASHTO PUBLICATION A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, 2011 EDITION, CHAPTER IX, USING THE MOST RESTRICTIVE SIGHT LINE DERIVED FROM EACH OF THE THREE POSSIBLE CROSSING MANEUVERS (STOPPED CONDITION):

- CASE B3 - CROSSING MANEUVER
- CASE B1 - LEFT TURN MANEUVER ONTO A MAJOR STREET
- CASE B2 - RIGHT TURN MANEUVER ONTO A MAJOR STREET

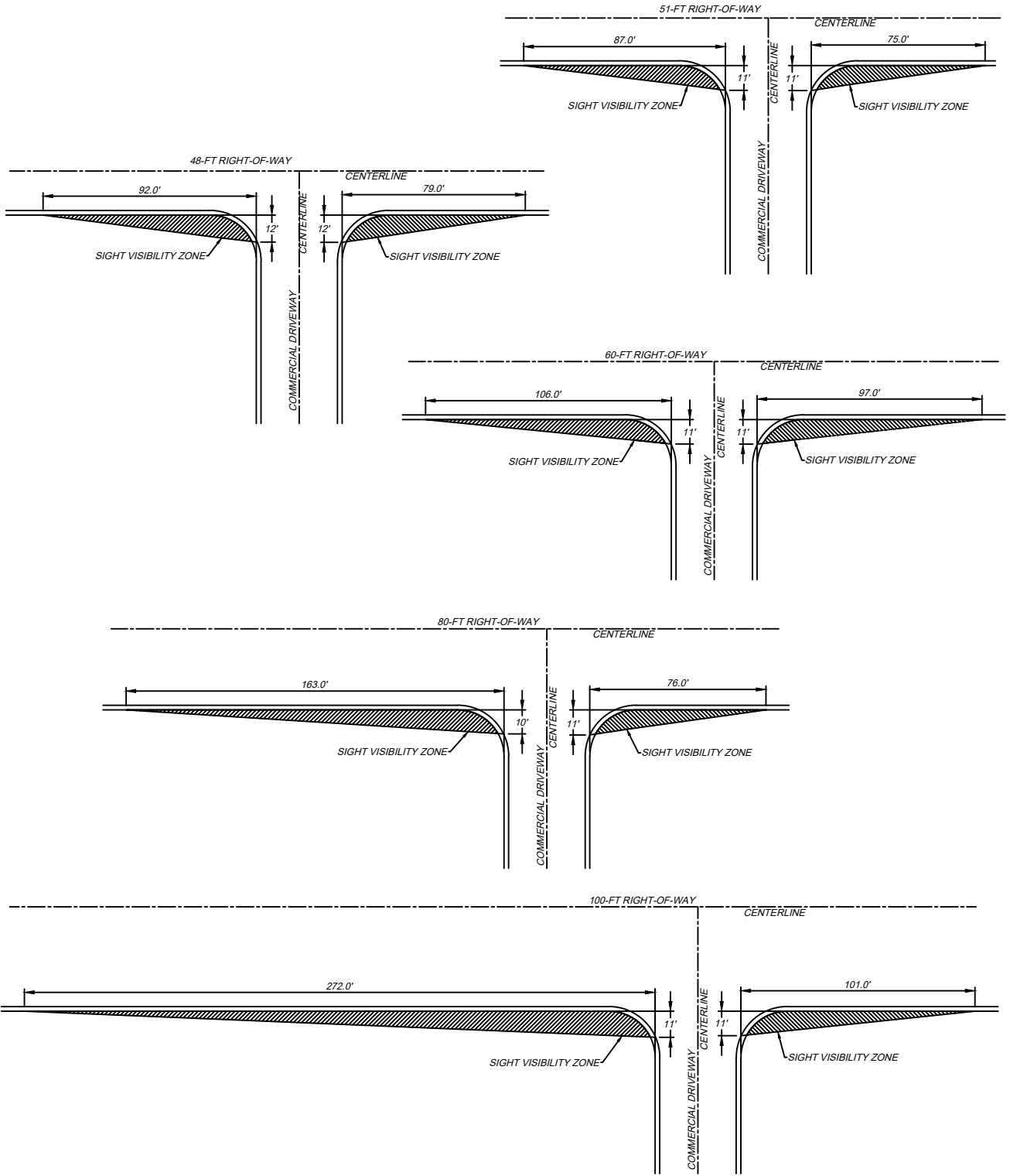
THE ANALYSIS USED A DESIGN SPEED EQUAL TO THE POSTED SPEED DIVIDED BY 0.85 (ROUNDED TO THE NEAREST 5 MPH INCREMENT).

CAR AND EYE POSITIONS ARE AS SHOWN ON SHEET 1 OF THIS DRAWING.

AGENCY APPROVED	B	C	H	L	M	N	R
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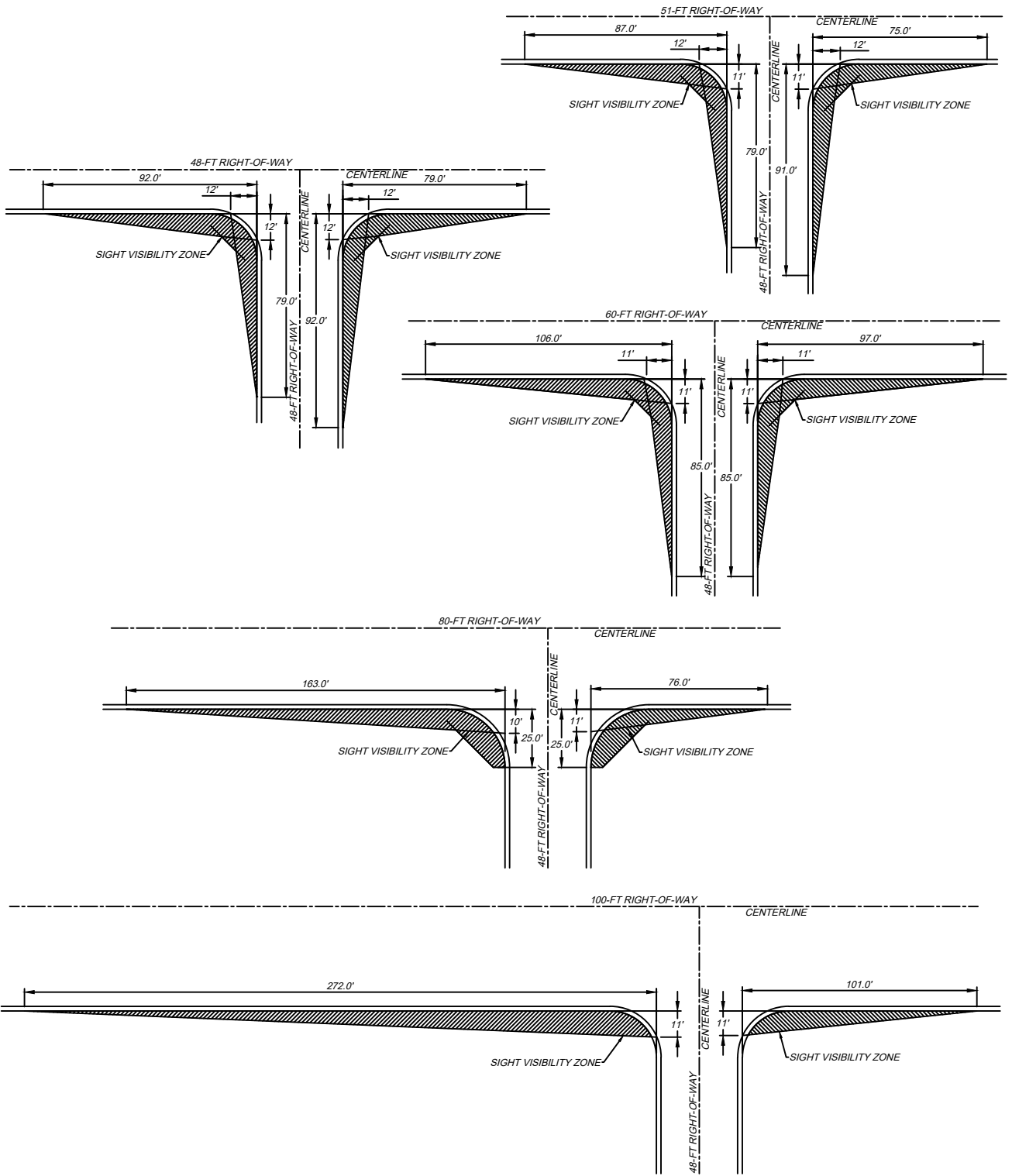
SPECIFICATION REFERENCE	

UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA	
SIGHT VISIBILITY ZONES AT INTERSECTIONS	
DATE 01-09-20	DWG. NO. 201.2
SHEET 2 OF 8	



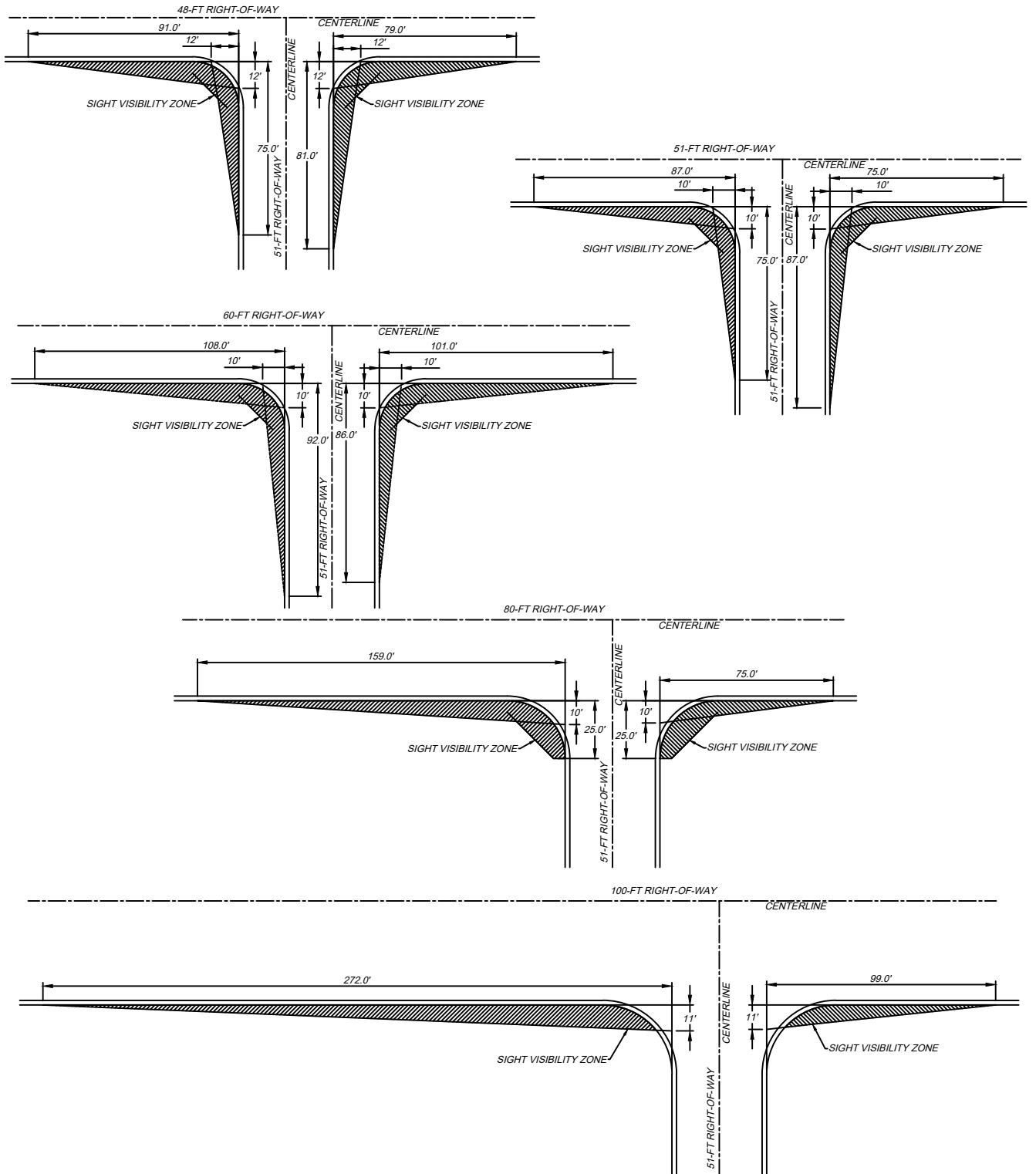
TYPICAL SIGHT VISIBILITY ZONES FOR COMMERCIAL DRIVEWAY APPROACHES

	AGENCY APPROVED	B	C	H	L	M	N	R
SPECIFICATION REFERENCE	UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA							
	SIGHT VISIBILITY ZONES AT INTERSECTIONS							
	DATE 01-09-20	DWG. NO. 201.2				SHEET 3 OF 8		



TYPICAL SIGHT VISIBILITY ZONES FOR 48-FT RIGHT-OF-WAY ROADWAY APPROACHES

	AGENCY APPROVED	B	C	H	L	M	N	R
SPECIFICATION REFERENCE	UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA							
	SIGHT VISIBILITY ZONES AT INTERSECTIONS							
	DATE 01-09-20	DWG. NO. 201.2				SHEET 4 OF 8		



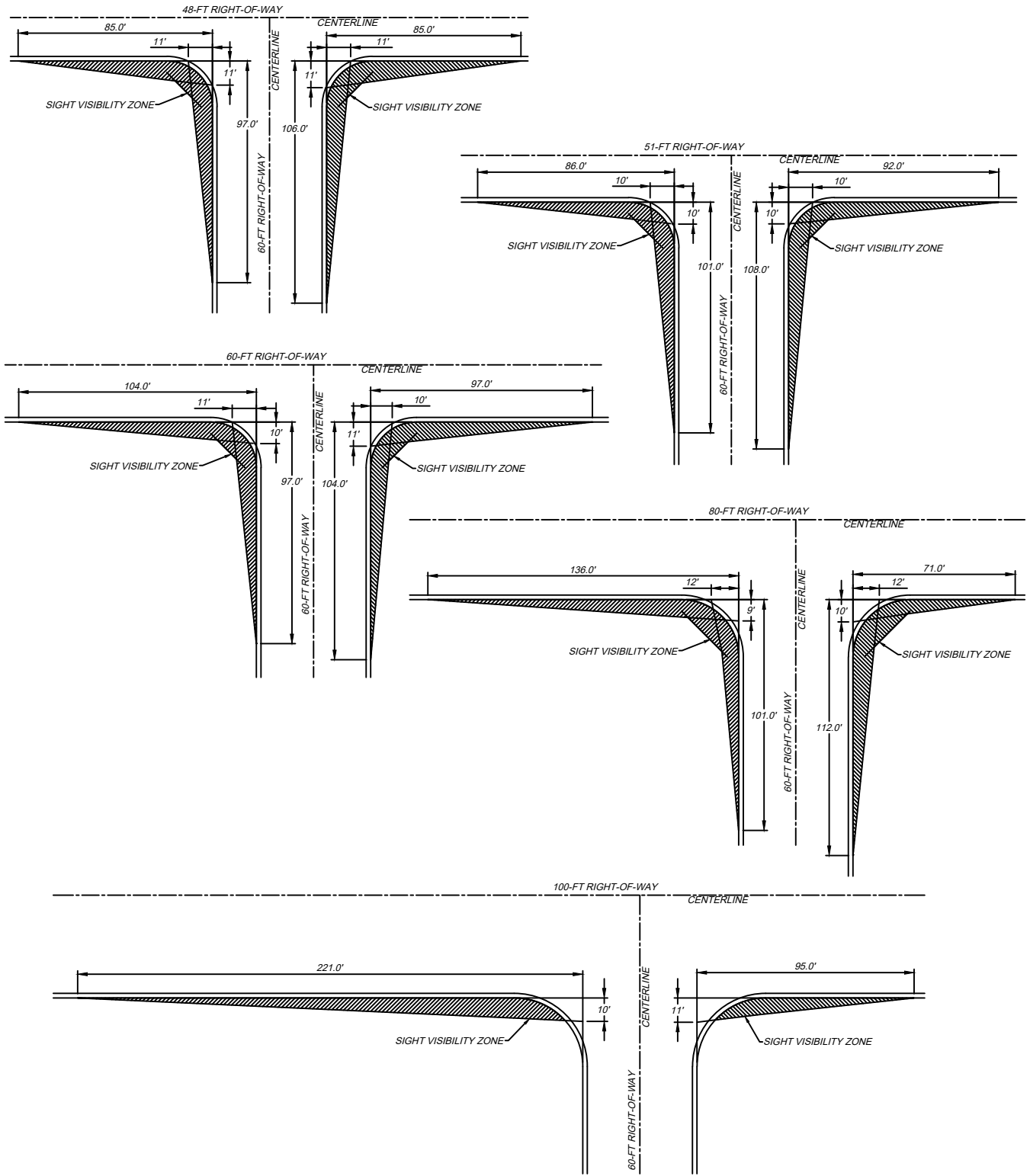
TYPICAL SIGHT VISIBILITY ZONES FOR 51-FT RIGHT-OF-WAY ROADWAY APPROACHES

AGENCY APPROVED	B	C	H	L	M	N	R
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SPECIFICATION REFERENCE	

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SIGHT VISIBILITY ZONES
AT INTERSECTIONS

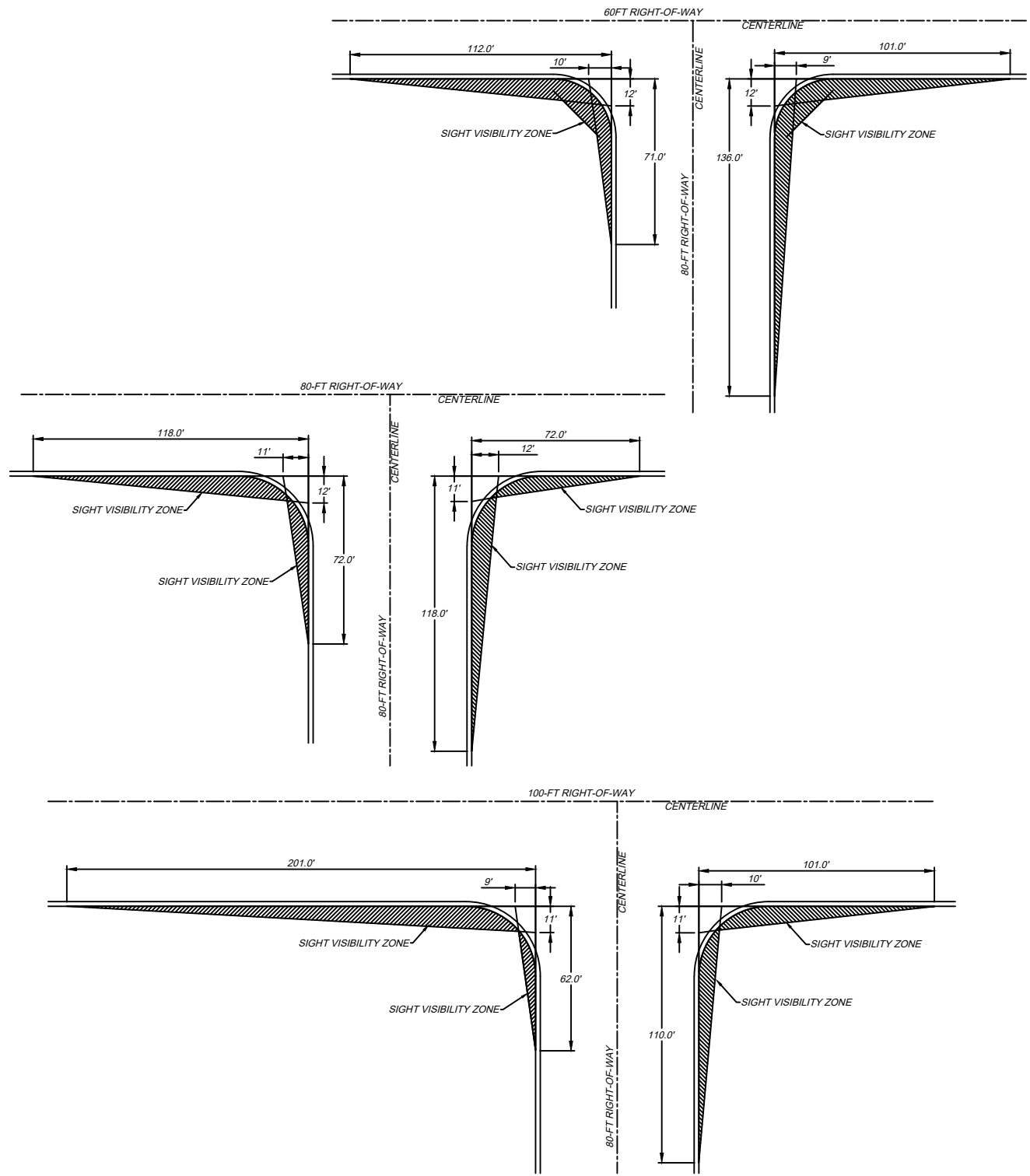


TYPICAL SIGHT VISIBILITY ZONES FOR 60-FT RIGHT-OF-WAY ROADWAY APPROACHES

AGENCY APPROVED	B	C	H	L	M	N	R
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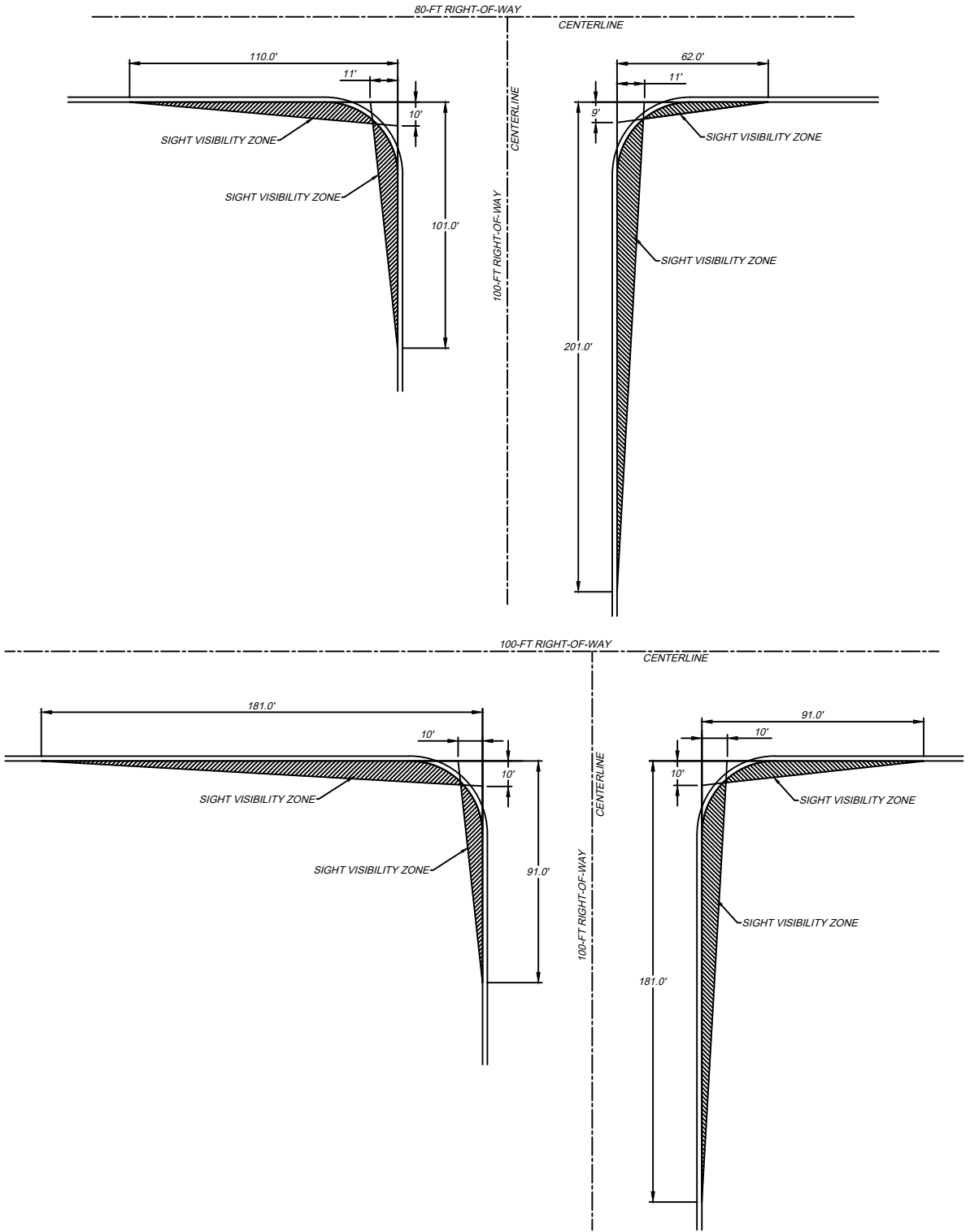
SPECIFICATION REFERENCE	

UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA	
SIGHT VISIBILITY ZONES AT INTERSECTIONS	
DATE 01-09-20	DWG. NO. 201.2
SHEET 6 OF 8	



TYPICAL SIGHT VISIBILITY ZONES FOR 80-FT RIGHT-OF-WAY ROADWAY APPROACHES

		AGENCY APPROVED	B	C	H	L	M	N	R
SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA							
		SIGHT VISIBILITY ZONES AT INTERSECTIONS							
		DATE 01-09-20	DWG. NO. 201.2				SHEET 7 OF 8		



TYPICAL SIGHT VISIBILITY ZONES FOR 100-FT RIGHT-OF-WAY ROADWAY APPROACHES

		AGENCY APPROVED	B	C	H	L	M	N	R
SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA							
		SIGHT VISIBILITY ZONES AT INTERSECTIONS							
		DATE 01-09-20	DWG. NO. 201.2				SHEET 8 OF 8		