SIGHT VISIBILITY ZONES

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.
GENERAL NOTES
1. EACH CORNER OF EVERY INTERSECTION SHALL HAVE A SIGHT VISIBILITY ROUTE REGARDLESS OF RIGHT-OF-WAY WIDTH.
2. NO WALLS, FENCES, TREES, SHRUBS, UTILITY APPURTEANCES 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.
4. 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 ENGINEER BY A CIVIL ENGINEER REGISTERED IN THE STATE OF NEVADA.
5. 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 100'-80' INTERSECTIONS OR GREATER.
6. 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.

7. 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-FOOT FROM THE NEAREST CURB RETURN WILL BE ALLOWED IN THE SIGHT VISIBILITY ZONE, SUBJECT TO THE APPROVAL OF THE ENTITY HAVING JURISDICTION.

BASIS FOR ANALYSIS
THE FOLLOWING CRITERIA WAS/AND SHALL BE USED AS THE BASIS FOR DESIGN OF SIGHT VISIBILITY ZONES:
AASHTO PUBLICATION OF "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS", 1990 EDITION, CHAPTER IX, USING THE MOST RESTRICTIVE SIGHT LINE DERIVED FROM EACH OF THE THREE POSSIBLE CROSSING MANEUVERS (STOPPED CONDITION).

CASE 3A B3 - CROSSING MANEUVER
CASE 3B B1 - LEFT TURN MANEUVER
CASE 3C B2 - RIGHT TURN MANEUVER

THE ANALYSIS SHOULD USE A DESIGN SPEED EQUAL TO THE POSTED SPEED DIVIDED BY 0.65 THE GREATER OF THE FOLLOWING (ROUNDED TO THE NEAREST 5 MPH INCREMENT):

DESIGN SPEED = POSTED SPEED LIMIT PLUS FIVE
DESIGN SPEED = POSTED SPEED LIMIT DIVIDED BY 0.65

CAR AND EYE POSITIONS ARE AS SHOWN ON SHEET 1 OF THIS DRAWING.
### TYPICAL SIGHT VISIBILITY ZONES FOR COMMERCIAL DRIVEWAY APPROACHES

<table>
<thead>
<tr>
<th>DATE</th>
<th>DWG. NO.</th>
<th>SHEET</th>
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<tbody>
<tr>
<td>01-01-13</td>
<td>201.2</td>
<td>3</td>
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**SIGHT VISIBILITY ZONES AT INTERSECTIONS**

**UNIFORM STANDARD DRAWINGS**

**CLARK COUNTY AREA**

**AGENCY APPROVED**

**SPECIFICATION REFERENCE**

<table>
<thead>
<tr>
<th>B</th>
<th>C</th>
<th>H</th>
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## TYPICAL SIGHT VISIBILITY ZONES FOR 48-FT RIGHT-OF-WAY ROADWAY APPROACHES

### AGENCY APPROVED

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### SPECIFICATION REFERENCE

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<td>CLARK COUNTY AREA</td>
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### SIGHT VISIBILITY ZONES AT INTERSECTIONS

**DATE:** 01-01-13  
**DWG. NO.:** 201.2  
**SHEET:** 4 OF 8  

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

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DATE 01-01-13  DWG. NO. 201.2  SHEET 5 OF 8
TYPICAL SIGHT VISIBILITY ZONES FOR 60-FT RIGHT-OF-WAY ROADWAY APPROACHES

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SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SIGHT VISIBILITY ZONES
AT INTERSECTIONS

DATE 01-01-13  DWG. NO. 201.2  SHEET 6 OF 8
TYPICAL SIGHT VISIBILITY ZONES FOR 80-FT RIGHT-OF-WAY ROADWAY APPROACHES

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UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SIGHT VISIBILITY ZONES
AT INTERSECTIONS

DATE 01-01-13  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

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SIGHT VISIBILITY ZONES
AT INTERSECTIONS

DATE 01-01-13  DWG. NO. 201.2  SHEET 8 OF 8