



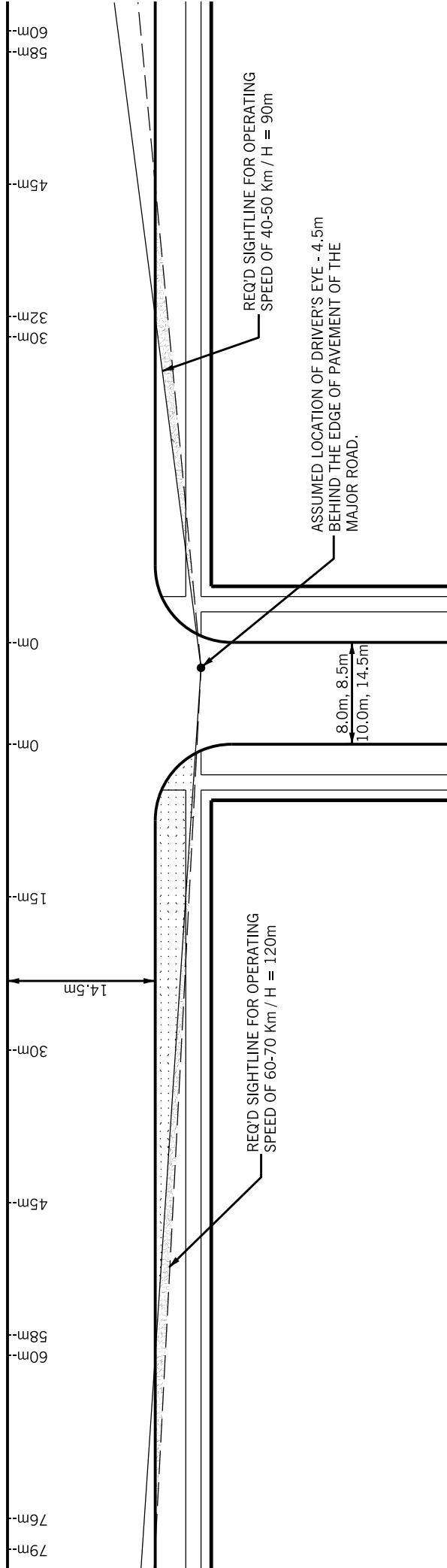
BRAMPTON
Flower City

APPROVED: 1995/11/10
MINIMUM SIGHTLINE REQUIREMENTS FOR 14.5m ROADWAY INTERSECTING ANY ROADWAY 14.5m OR LESS
 ORIGINAL: 1995/11/10
 ANGLE OF INTERSECTION BETWEEN 70 - 90

REV. 0
449
 N.T.S

LEFT VIEW

RIGHT VIEW



NOTES:

1. SHADED AREAS REPRESENT CRITICAL SIGHT REQUIREMENTS & ARE NOT TO BE ENCROACHED UPON BY OBJECTS OF HEIGHT BETWEEN 914mm - 2.4m MEASURED FROM ROAD GRADE
2. CORRESPONDS TO THE 90m SIGHT REQUIREMENT.
3. ADDED TO THE ABOVE CORRESPONDS TO THE 120m SIGHT REQUIREMENT
4. THE REQUIRED OFFSET (P) FROM CURB LINE FOR ANY DISTANCE (E) MEASURED FROM THE INTERSECTION CAN BE CALCULATED BY: $P = S_x (T_x + D_x - E)$
- 4b. THE REQUIRED DISTANCE (E) MEASURED FROM THE INTERSECTION FOR ANY OFFSET (P) CAN BE CALCULATED BY: $E = T_x + D_x - P/S_x$

- S_1 = SLOPE OF LEFT VIEW 90m SIGHT LINE = 0.08
- S_2 = SLOPE OF LEFT VIEW 120m SIGHT LINE = 0.05
- S_3 = SLOPE OF RIGHT VIEW 90m SIGHT LINE = 0.14
- S_4 = SLOPE OF RIGHT VIEW 120m SIGHT LINE = 0.10
- T_1 = 58m
- T_2 = 79m
- T_3 = 32m
- T_4 = 45m
- D_1 = 7.9m
- D_2 = 7.9m
- D_3 = 2.1m
- D_4 = 2.1m

ANGLE OF INTERSECTION BETWEEN 70° - 90°

WHERE: P = OFFSET FROM CURB LINE.
 E = DISTANCE OF PROPOSED INSTALLATION FROM 0m POSITION.
 S_x = SLOPE OF APPROPRIATE SIGHT LINE.
 T_x = DISTANCE FROM THE 0m POSITION TO THE INTERSECTION POINT OF THE APPROPRIATE SIGHTLINE & CURB LINE.
 D_x = CORRECTION FACTOR BETWEEN 0m POSITION & DRIVERS EYE.

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED