

NOTES:

REFER TO CW-221 & CW-222 FOR TACTILE WALKING SURFACE INDICATOR & DEPRESSED CURB DETAILS.

A. 2.5m MIN. FOR UN-SIGNALIZED INTERSECTIONS WITH PEDESTRIAN CROSSING OR SEPARATED CROSS-RIDE PAVEMENT MARKINGS, 2.1m MIN. FOR UN-SIGNALIZED INTERSECTIONS WITHOUT PEDESTRIAN OR SEPARATED CROSS-RIDE PAVEMENT MARKINGS

B. ADAPTIVE 'HUMP' - CURB HEIGHT IS MODIFIED IN ORDER TO MAINTAIN A MAX SLOPE OF 5%. ALONG THE PATH OF TRAVEL. CURB HEIGHT MAY VARY BETWEEN A MIN OF 75mm TO 150mm DEPENDING ON THE DISTANCE BETWEEN THE DEPRESSED CURBS. THE MIN LENGTH OF THE ADAPTIVE 'HUMP' IS 0.4m.

C. WHEN DISTANCE IS LESS THAN 2.2m, USE CONTINUOUS DEPRESSED CURB AT INTERSECTION CORNER. WHEN DISTANCE IS GREATER THAN OR EQUAL TO 2.2m, USE TWO SEPARATE DEPRESSED CURBS AT INTERSECTION CORNER.

D. ACHIEVING THE REQUIRED GRADES AT CROSSING LOCATIONS MAY VARY THE LIMITS OF CONSTRUCTION. SIDEWALK PANELS UP & DOWNSTREAM OF THESE CROSSINGS MAY ALSO NEED TO BE RE-POURED.

E. WHERE ACHIEVABLE, AN ADDITIONAL LEVEL AREA (2% CROSS FALL) CAN BE ADDED BEHIND THE EXISTING SIDEWALK & DEPRESSED CURB.

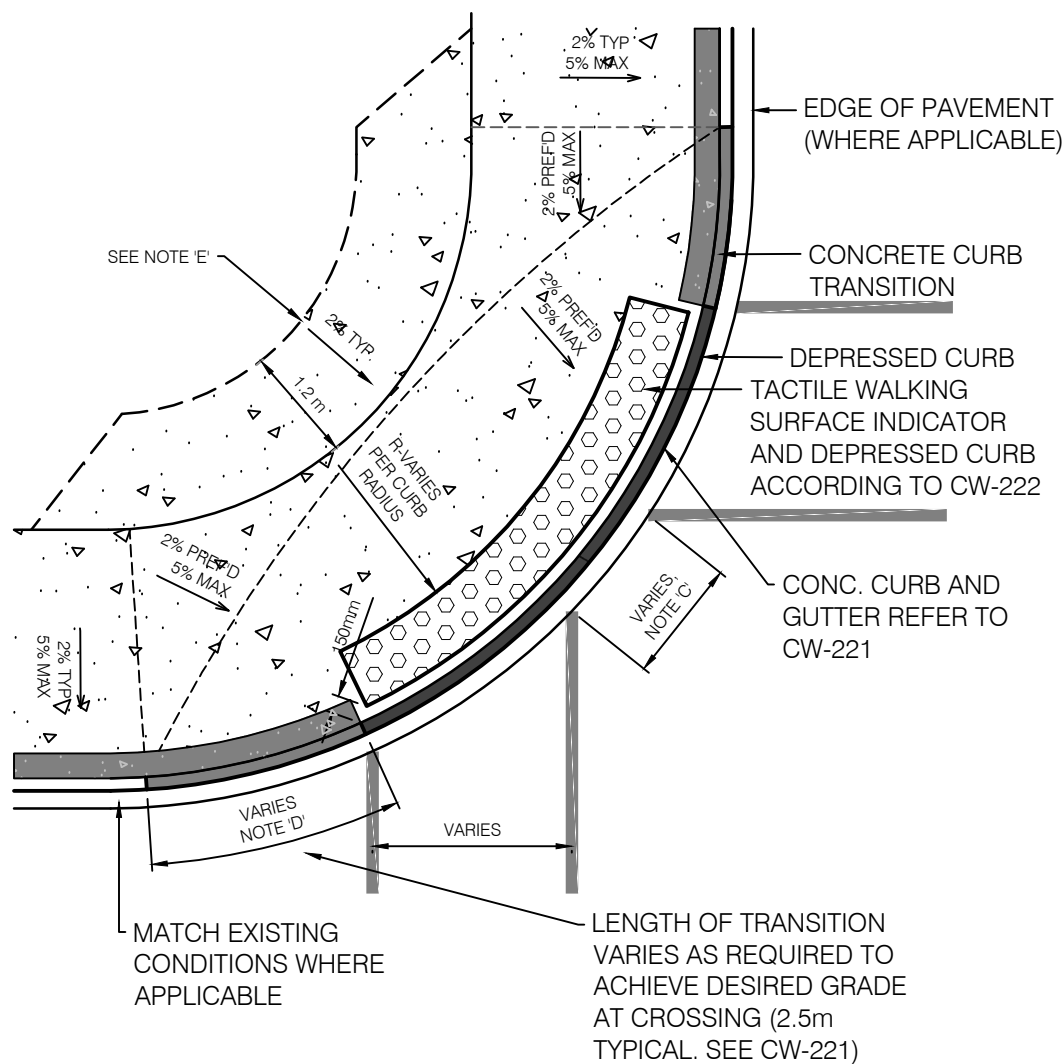
1. TACTILE WALKING SURFACE INDICATORS ARE TO BE INSTALLED AT ALL PEDESTRIAN CROSSINGS IN CONJUNCTION WITH ALL ROAD AND SIDEWALK CONSTRUCTION, RECONSTRUCTION AND RESURFACING PROJECTS (WHERE APPLICABLE).

2. EACH LOCATION IS SITE SPECIFIC AND CONSULTATION WITH THE CITY OF WATERLOO MAY BE REQUIRED FOR NON TYPICAL INTERSECTIONS AND PEDESTRIAN CROSSINGS.

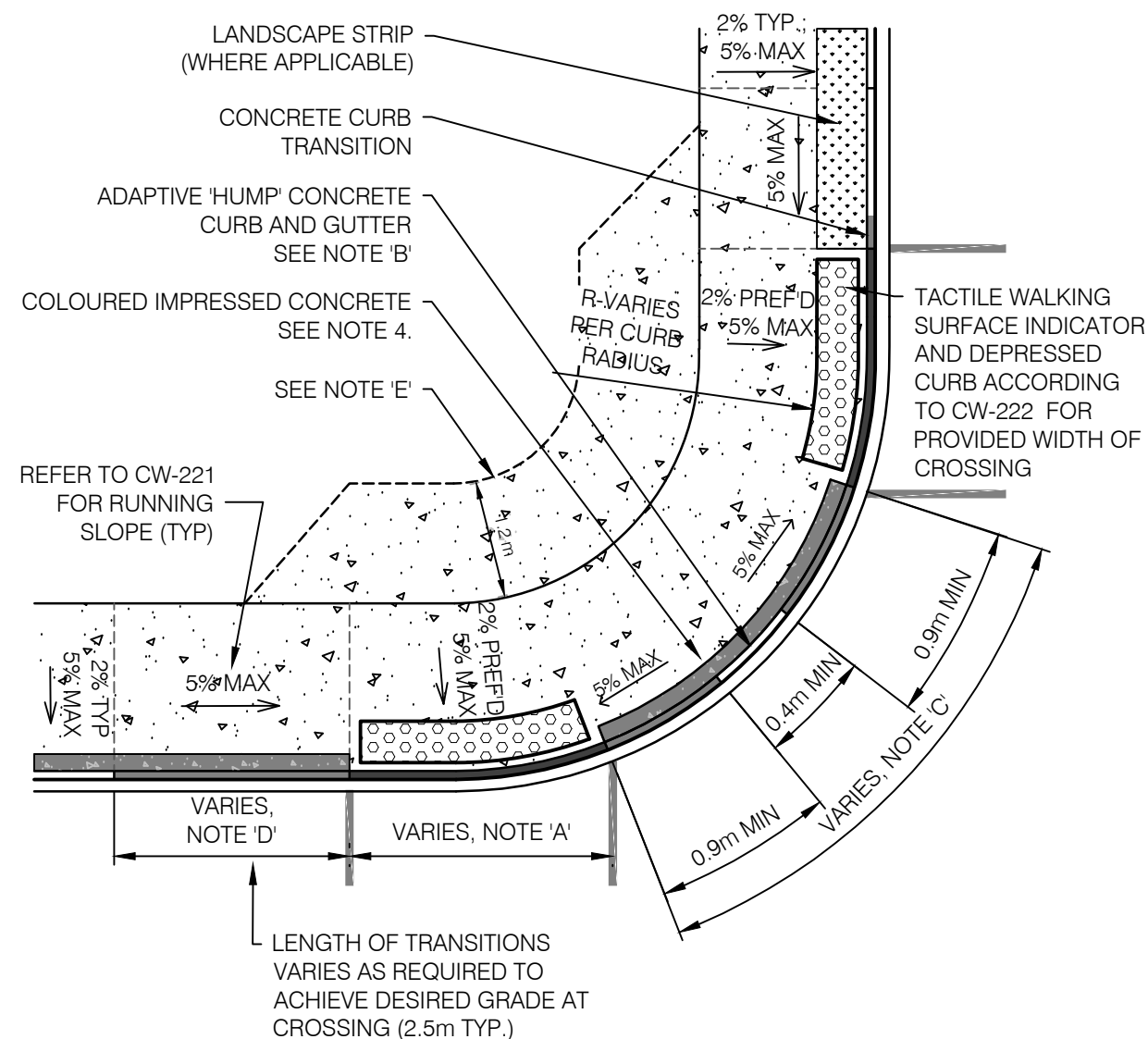
3. PLATES ARE TO BE UNCOATED CAST IRON MATERIAL WITH NATURAL "RUST" FINISH (REFER TO REGION OF WATERLOO STANDARD SPECIAL PROVISIONS RWSS 14 FOR LISTED/APPROVED SUPPLIERS).

4. REFER TO CW-221 FOR COLOURED IMPRESSED CONCRETE COLOUR AND DETAILS.

5. FOR DEPRESSED CURBS AT SIGNALIZED INTERSECTIONS OF TWO CITY OF WATERLOO STREETS, USE THESE STANDARDS. FOR SIGNALIZED INTERSECTIONS WITH A REGIONAL ROAD, REFER TO REGION OF WATERLOO STANDARDS. EACH PROJECT TO BE CONFIRMED WITH CITY OF WATERLOO TRANSPORTATION OPERATIONS.



CONTINUOUS DEPRESSED CURB AT INTERSECTION CORNER



SEPARATED DEPRESSED CURBS AT INTERSECTION CORNER

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

STANDARD DRAWINGS

DEPRESSED CURB DETAILS FOR INTERSECTIONS

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CW-223

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