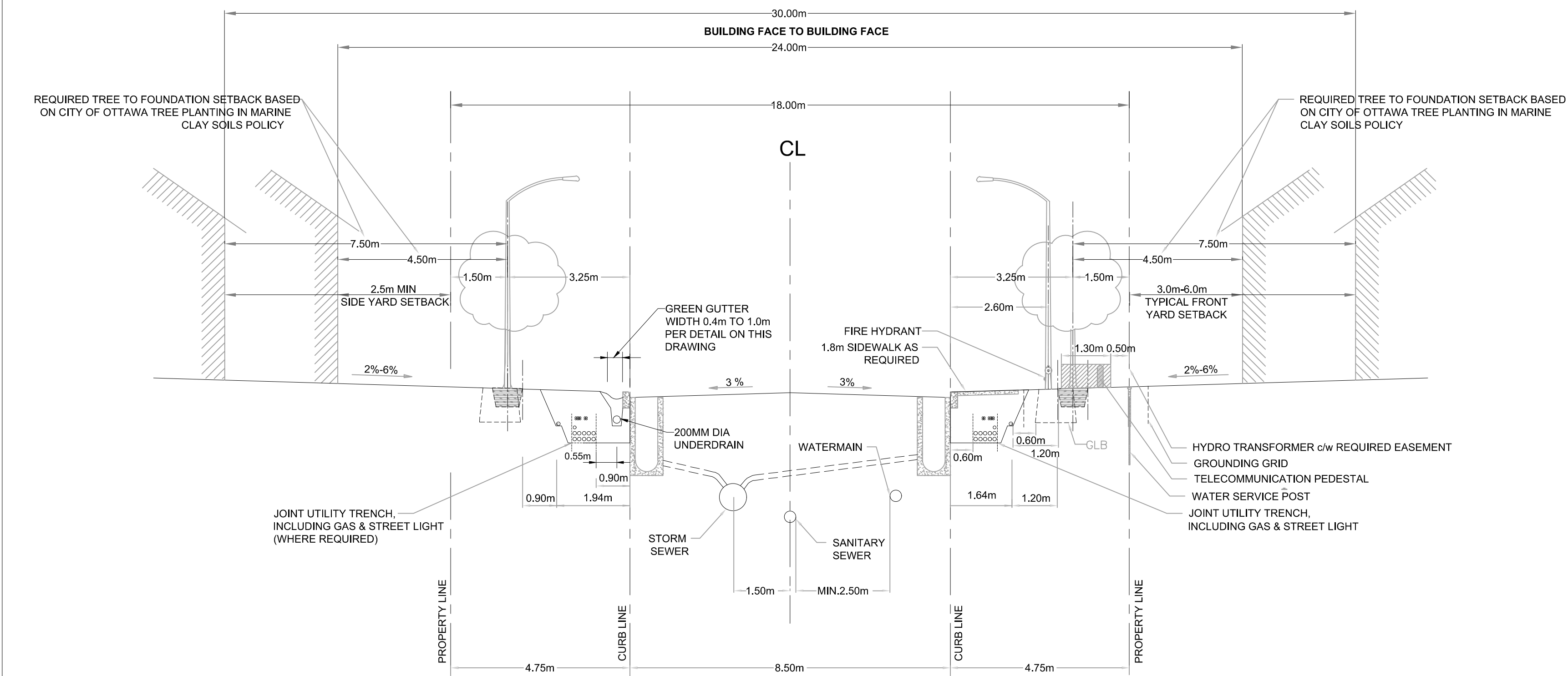
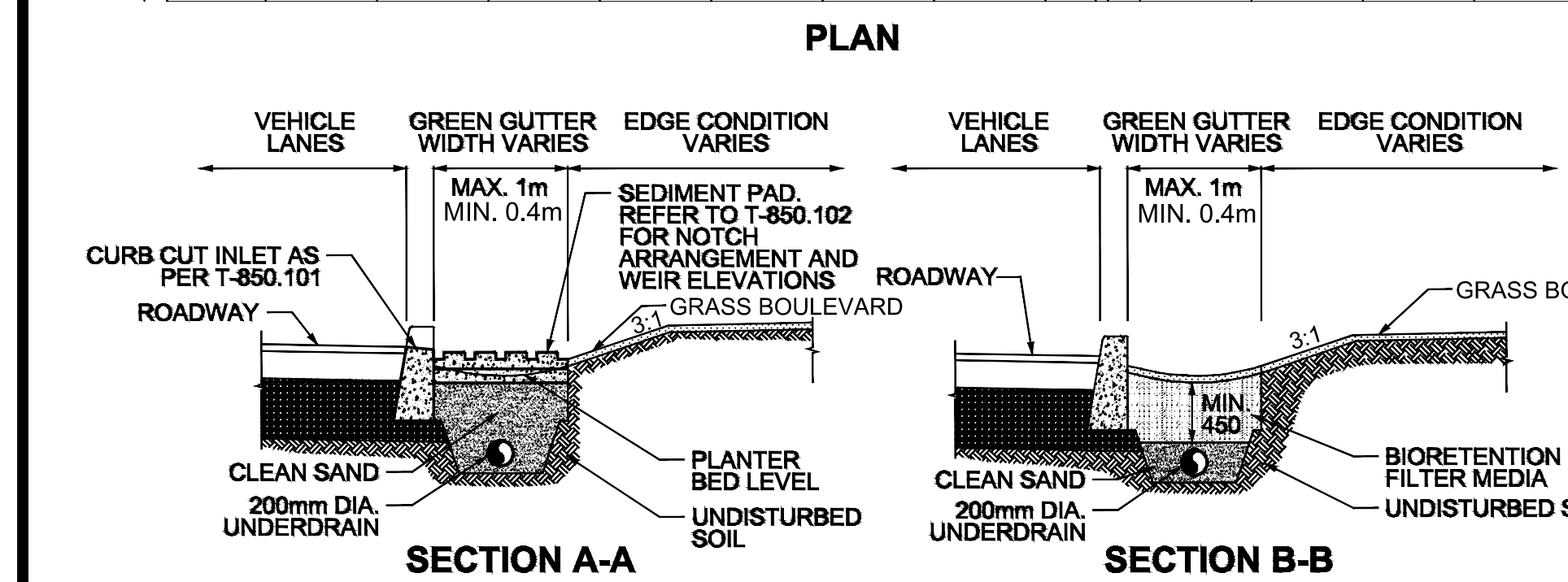
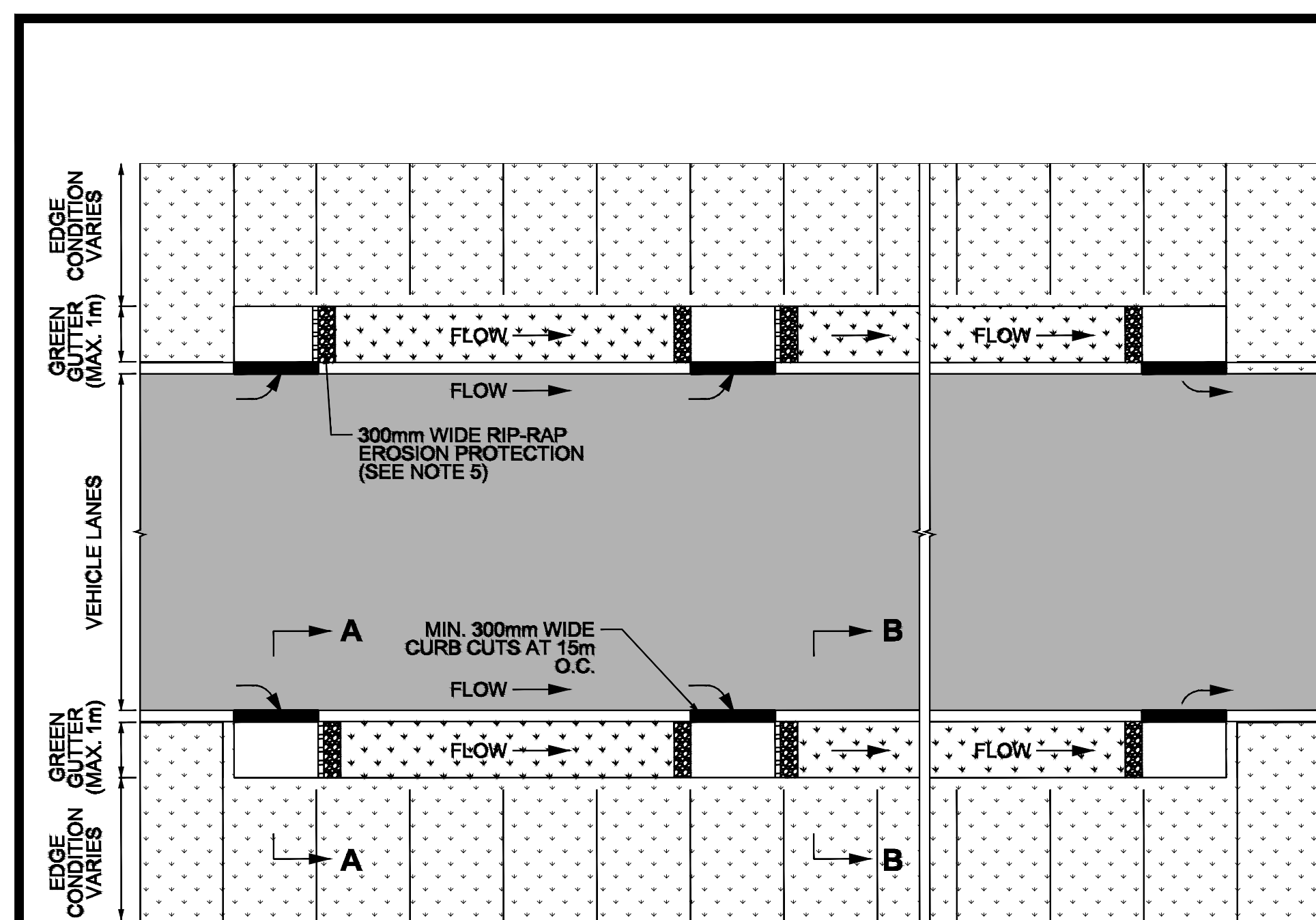


1. STANDARD CROSS-SECTIONS TO BE READ IN CONJUNCTION WITH THE GENERAL STANDARD CROSS-SECTION NOTES AND OTHER APPLICABLE CITY AND UTILITY PLANS AND DETAILS.
2. 18M RIGHT-OF-WAY NOT TO BE USED ON STREETS WITH BUS SERVICE.
3. CONCRETE CURBS TO BE CONSTRUCTED AS PER CITY OF OTTAWA STANDARD DETAILS.
4. TYPICAL FRONT YARD SETBACK IS TO BE CLEAR AND UNENCUMBERED OF ANY SUBSURFACE BUILDING ENCROACHMENTS.
5. FIRE HYDRANTS TO BE LOCATED ON THE WATERMAIN SIDE OF THE STREET.
6. CATCH BASINS TO BE PER CITY OF OTTAWA DETAIL S2.
7. GAS MAIN SHALL HAVE A MINIMUM OF 0.6M CLEARANCE FROM STRUCTURES (IE G. CATCH BASINS AND HYDRANTS) AND 1.2 M FROM TREE ROOT BALL.
8. STREETLIGHTS CAN BE LOCATED ON EITHER SIDE OF THE RIGHT-OF-WAY.
9. JOINT/USE UTILITY TRENCH (JUT) UNDER SIDEWALK AS PER DETAIL UD00049 (REV 22) HELD BY OTTAWA HYDRO.
10. GRADE LEVEL BOX (GLB) AS DRAWN SHOWS GLB#660. EXACT LOCATION TO BE CONFIRMED.
11. THIS CROSS-SECTION CANNOT BE USED WHERE A CONCRETE ENCASED HYDROELECTRIC DUCT OR ANOTHER SEPARATE UTILITY DUCT IS REQUIRED.
12. TREE CLEARANCES TO HYDRO OTTAWA PLANT SHALL FOLLOW GC50038 (MARCH 2018).



18.0m ROW CROSS SECTION
WITH GREEN GUTTER

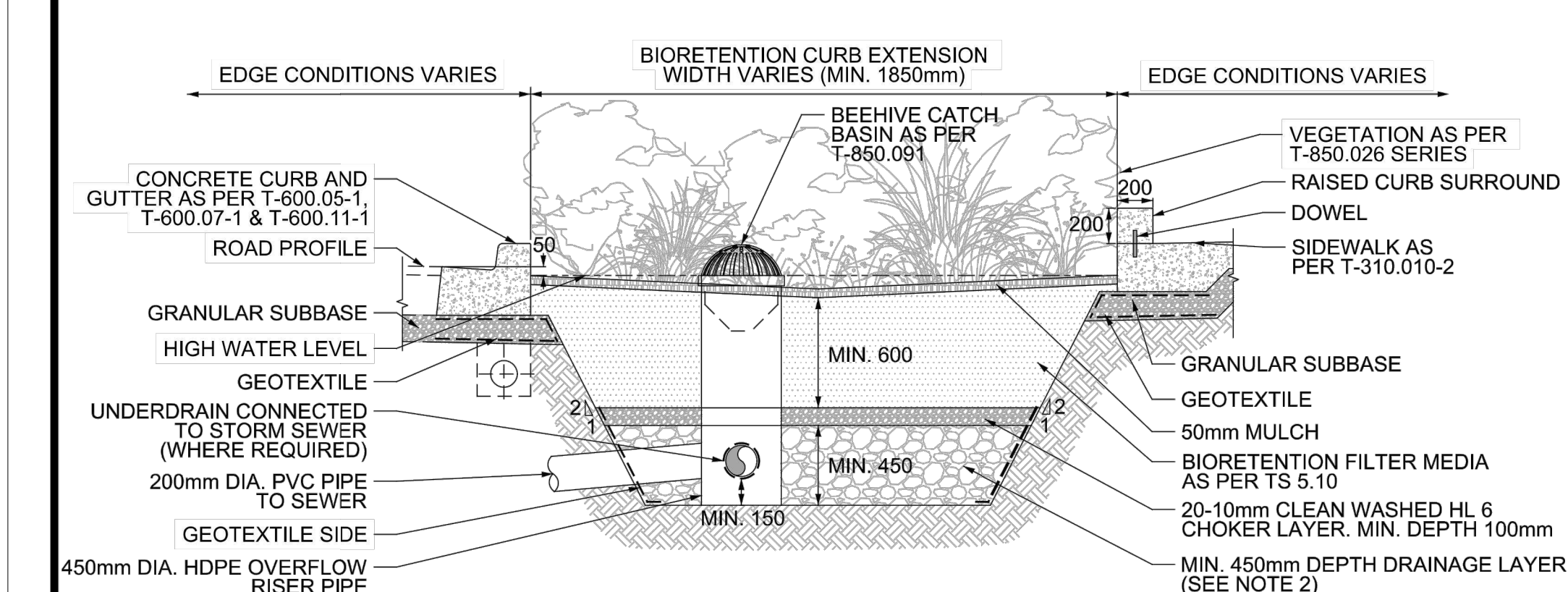
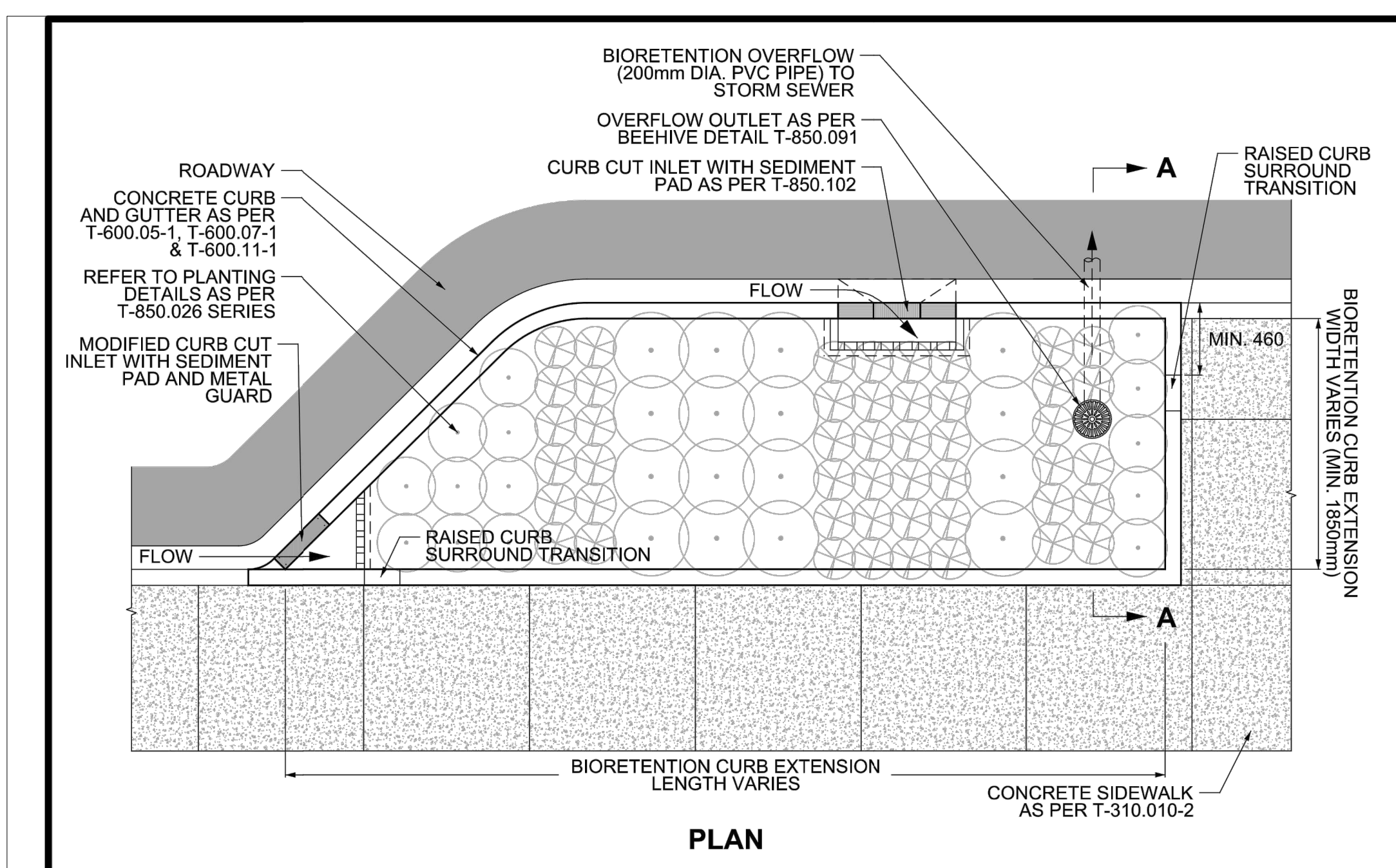
DATE: JULY 2022
REV. DATE: JULY 2022
DWG. No.: ROW-18 (MOD.)



- NOTES:
1. GREEN GUTTER WIDTH VARIES BASED ON AVAILABLE SPACE WITHIN RIGHT-OF-WAY. MAXIMUM 1m WIDTH.
 2. ALL INLETS MUST HAVE SEDIMENT PAD AS PER T-850.102 FOR SEDIMENT AND EROSION PROTECTION.
 3. LONGITUDINAL SLOPE TO MATCH ADJACENT FEATURE (ROADWAY, SIDEWALK, STREETCAR TRACK).
 4. UNDERDRAIN IS REQUIRED WHERE NATIVE SOIL INFILTRATION RATES ARE LESS THAN 15mm/hr. OR IF GREEN GREEN GUTTER IS MEMBRANE LINED. UNDERDRAIN TO BE 200mm DIA. SMOOTH INTERIOR WALLED PERFORATED PIPE, MIN. INSTALLED 50mm ABOVE THE BOTTOM OF THE DRAINAGE LAYER.
 5. RIP-RAP EROSION PROTECTION TO BE 300mm WIDE AND PLACED DOWNSTREAM OF SEDIMENT PADS AND UPSTREAM OF ANY INTERMEDIATE INLETS AND OUTLETS.

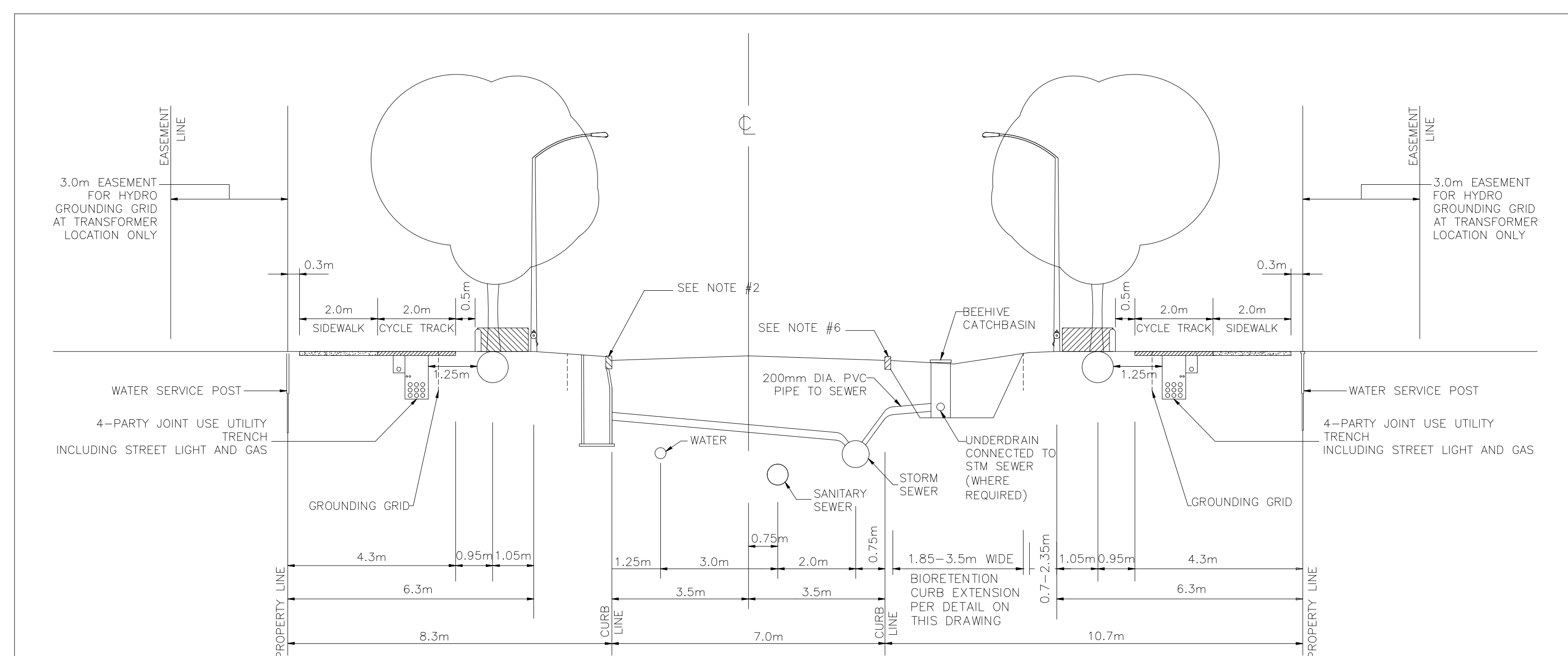
All dimensions are in millimetres unless otherwise shown.

ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING	REV 0	SEP 2021
	T-850.141 (MOD)	
	NTS	SHEET 1



- NOTES:
1. UNDERDRAIN IS REQUIRED WHERE NATIVE SOIL INFILTRATION RATES ARE LESS THAN 15mm/hr. WHEN TREES PLANTINGS ARE PRESENT, OR WHEN CURB EXTENSION IS MEMBRANE LINED. UNDERDRAIN TO BE 200mm DIA. SMOOTH INTERIOR WALLED PERFORATED PIPE, INSTALLED MIN. 150mm ABOVE THE BOTTOM OF THE DRAINAGE LAYER.
 2. GRAVEL USED FOR DRAINAGE LAYER TO BE 20 TO 50mm, UNIFORMLY-GRADED, CLEAN (MAXIMUM WASH LOSS OF 0.5%), CRUSHED ANGULAR STONE THAT HAS A POROSITY OF 0.4.
- All dimensions are in millimetres unless otherwise shown.

ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING	REV 0	SEP 2021
	T-850.072	
	NTS	SHEET 2



- NOTES:
1. REFERENCE STANDARD NOTES ROAD ALLOWANCE (DGN:ROW-NOTES).
 2. AT CATCH BASIN LOCATIONS THE GAS MAIN SHALL HAVE A MINIMUM 0.6m CLEARANCE FROM STRUCTURES.
 3. ALL PEDESTALS TO BE INSTALLED IN LINE WITH HYDRO TRANSFORMERS OR ON SIDE OF TRENCH AWAY FROM ROAD.
 4. REQUIREMENT FOR PROTECTIVE BOLLARDS AT TRANSFORMERS SHALL BE DETERMINED BY HYDRO ON A CASE BY CASE BASIS.
 5. HYDRO DUCTS TYPICALLY REQUIRED ON ONE SIDE OF ROW ONLY. PROVIDE 1.0m COVER ON ALL CONCRETE ENCASED DUCTS.
 6. CONCRETE CURBS MAY BE BARRIER TYPE OR MOUNTABLE TYPE. CATCH BASIN TYPE WILL SUIT CURB DESIGN. SEE SEWER DESIGN GUIDELINES FOR CATCH BASIN PREFERENCE.
 7. TREE SPECIES AND CALIPER SHALL BE DETERMINED IN CONFORMANCE WITH THE GEOTECHNICAL RECOMMENDATIONS AND CURRENT POLICES IN PLACE AT TIME OF PLANTING.

SECTION

26.0m ROW CROSS SECTION
WITH BIORETENTION
CURB EXTENSION

DATE: --
REV. DATE: FEBRUARY 2024
DWG. No.: ROW-26 (MOD.)



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STITTSVILLE SOUTH URBAN EXPANSION AREA
LID DETAILS AND SECTIONS
CITY OF OTTAWA

PROJECT No.: 21-1247
SCALE: N.T.S.
DATE: MAY 2026
FIGURE: 8