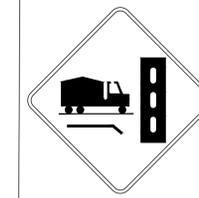
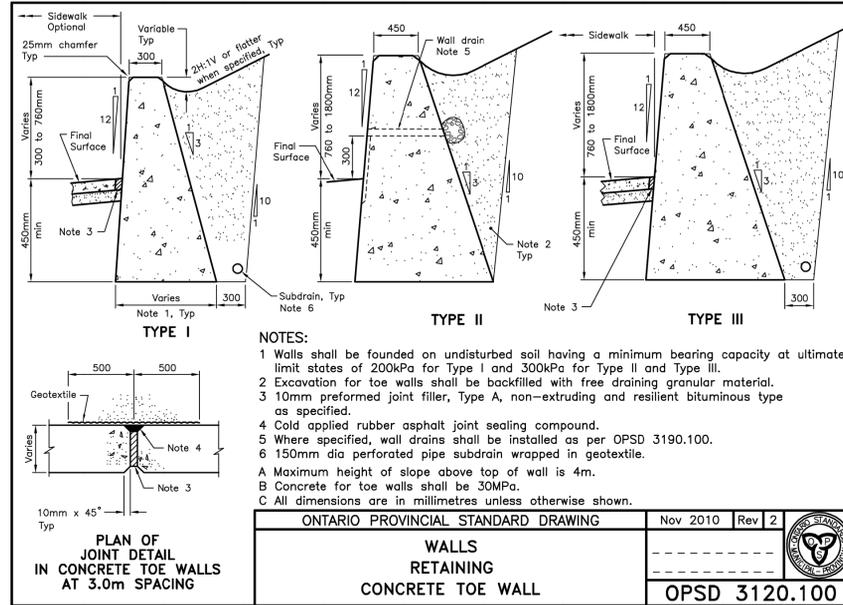
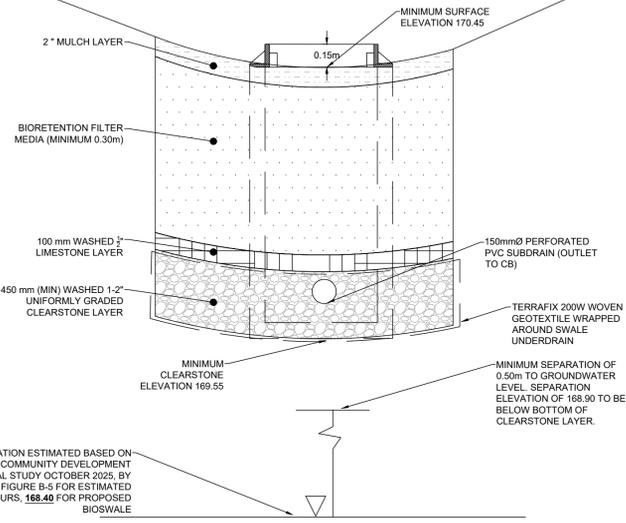


ELEVATED CATCHBASIN IN BIOSWALE

BIORETENTION MIX	
TOPSOIL	2 PARTS TOPSOIL
	3 PARTS SAND
	1 PART ORGANIC SOIL COMPONENTS
SOIL PARTICLE SIZE DISTRIBUTION	
SAND	75-90%
SILT	7-22%
CLAY	3-15%
GRAVEL	LESS THAN OR EQUAL TO 10%
PH	6.0-8.0
PLANT AVAILABLE NUTRIENT LEVELS	
PHOSPHORUS	
POTASSIUM	10-40
CALCIUM	50-250
MAGNESIUM	<5000
% ORGANIC	100-300

THE ABOVE BIORETENTION MIXED HAS BEEN PREPARED USING THE CITY OF TORONTO CONSTRUCTION SPECIFICATION FOR GROWING MEDIUM AND THE SUSTAINABLE TECHNOLOGIES BIORETENTION FILTER MEDIA GUIDE. A SITE SPECIFIC MEDIA DESIGN SHALL BE PROVIDED BY THE LANDSCAPE ENGINEER OF RECORD TO ENSURE ALL SITE OBJECTIVES ARE MET.

GROUNDWATER ELEVATION ESTIMATED BASED ON FIELDGATE SEATON COMMUNITY DEVELOPMENT HYDRO-GEOLOGICAL STUDY OCTOBER 2023, BY GEMTEC SEE FIGURE B-6 FOR ESTIMATED GROUNDWATER CONTOURS, 168.40 FOR PROPOSED BIOSWALE



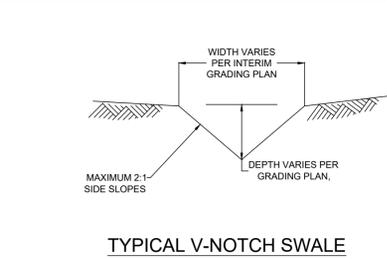
Tc-31R & Tc-31L



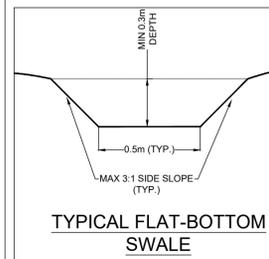
Rb-12 (600x600)mm

**SIGN MOUNT LEGEND:**  
ALL SIGNS ARE SHOWN IN APPROXIMATE LOCATIONS AND TO BE DETERMINED ON SITE. SIGNS MUST BE VISIBLE TO DRIVER AND NOT OBSTRUCTED.

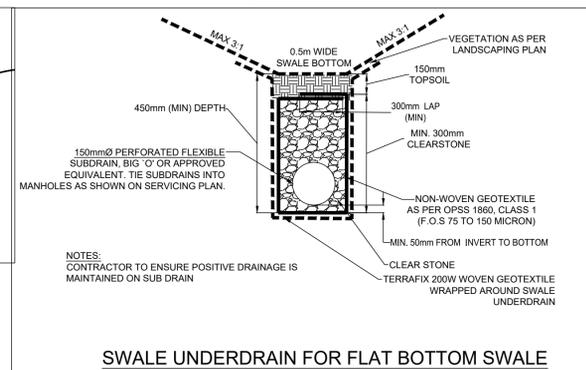
PROPOSED POST



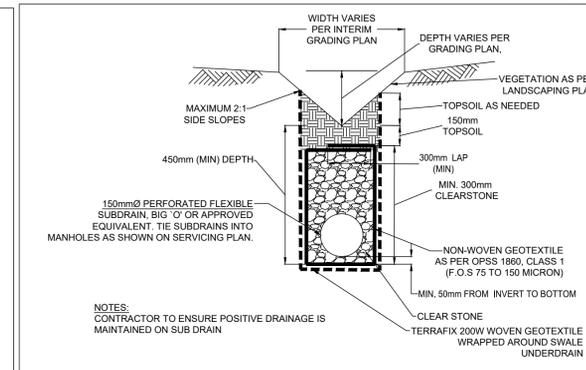
TYPICAL V-NOTCH SWALE



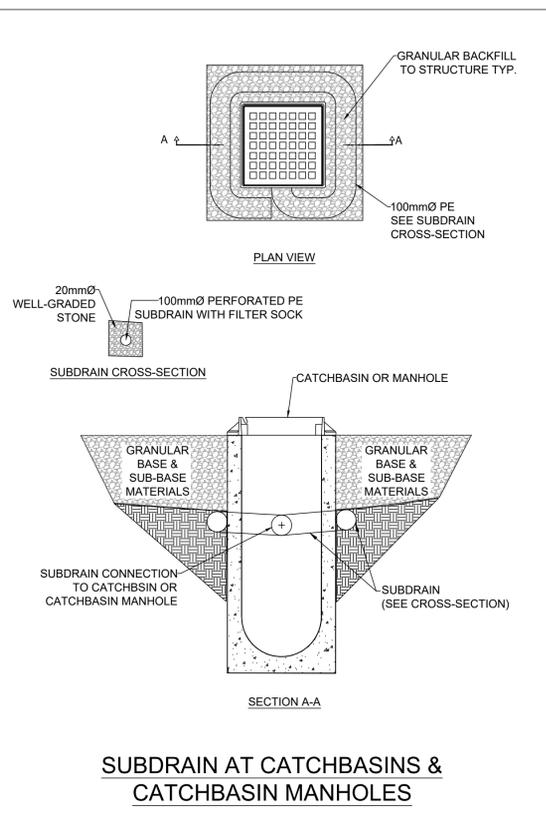
TYPICAL FLAT-BOTTOM SWALE



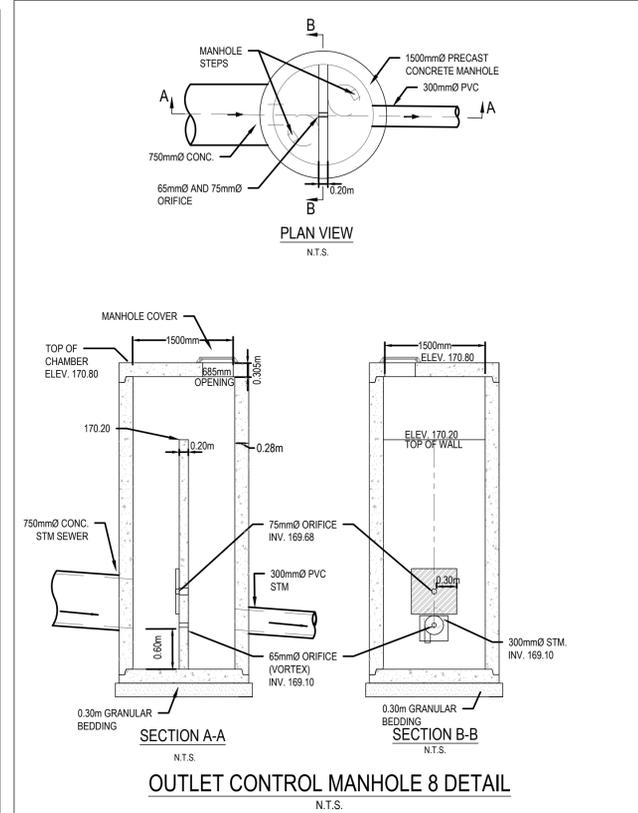
SWALE UNDERDRAIN FOR FLAT BOTTOM SWALE



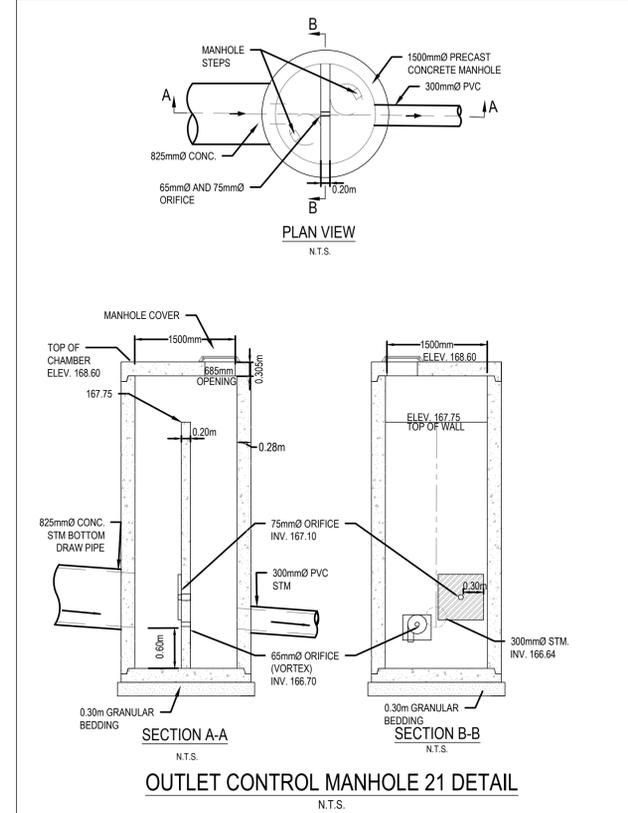
SWALE UNDERDRAIN FOR V-NOTCH SWALE



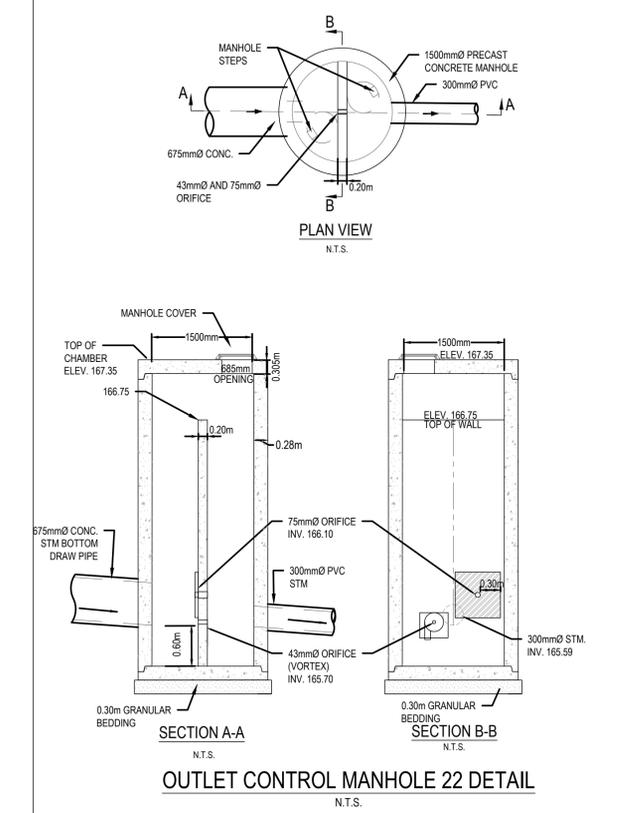
SUBDRAIN AT CATCHBASINS & CATCHBASIN MANHOLES



OUTLET CONTROL MANHOLE 8 DETAIL



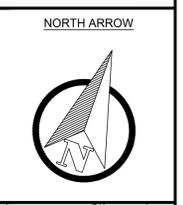
OUTLET CONTROL MANHOLE 21 DETAIL



OUTLET CONTROL MANHOLE 22 DETAIL

REVISION BLOCK

#	DATE	DESCRIPTION
1	04/14/23	ISSUED FOR SPA
2	12/04/25	ISSUED FOR SPA



**SURVEY AND BENCHMARK NOTE**  
EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN ARE BASED ON J.D. BARNES LTD. DRAWING (REF. NO. 25-25-300-00), DATED AUGUST 20, 2023.  
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO CITY OF PICKERING VERTICAL.

**METRIC SCALE**  
N.T.S.

**SITE DETAILS PLAN 2**  
FIELDGATE COMMERCIAL  
TAUNTON RD/BURKHOLDER DR.  
PICKERING, ONTARIO  
PROJECT NO. 23810 | DRAWN BY: AS | CHECKED BY: BJ