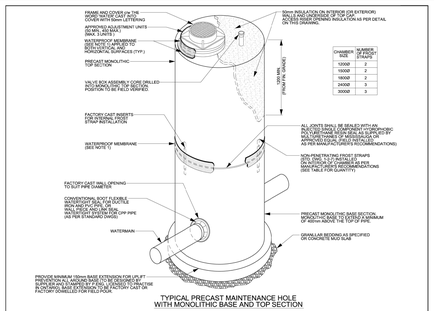
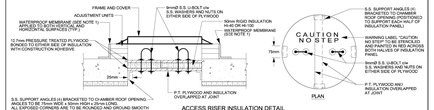
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TYPICAL PRECAST MAINTENANCE HOLE
WITH MONOLITHIC BASE AND TOP SECTION

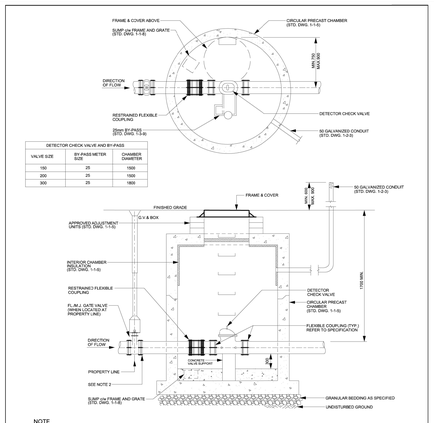


ACCESS RISER INSULATION DETAIL

NOTE

1. WATERPROOF MEMBRANE TO BE "MEL-ROL" BY W.R. MEADOWS OF MILTON ONTARIO OR APPROVED EQUAL. EXTEND COMPLETELY AROUND ALL RISER SECTION JOINTS WITH A MINIMUM 300mm WIDE STRIP.
2. ALL INSULATION TO BE RIGID TYPE EXTRUDED POLYSTYRENE FOAM DOW HI-40 OR HI-100 OR APPROVED EQUAL. ALL CHAMBER INSULATION TO BE INSTALLED WITH CONSTRUCTION ADHESIVE AND TAPCON ANCHORS AT MAX. 900mm SPACING IN ALL DIRECTIONS (MIN. 2 ANCHORS PER SHEET OF INSULATION).

Region of Peel working with you	PUBLIC WORKS STANDARD DRAWING	REV. DATE: APRIL 2014
TYPICAL PRECAST CIRCULAR CHAMBER DETAILS FOR NEW WATERMAINS	APPROVED BY: A.P.	DRAWN BY: AINLEY GROUP
	STD. DWG. NUMBER: 1-1-5	SCALE: N.T.S.

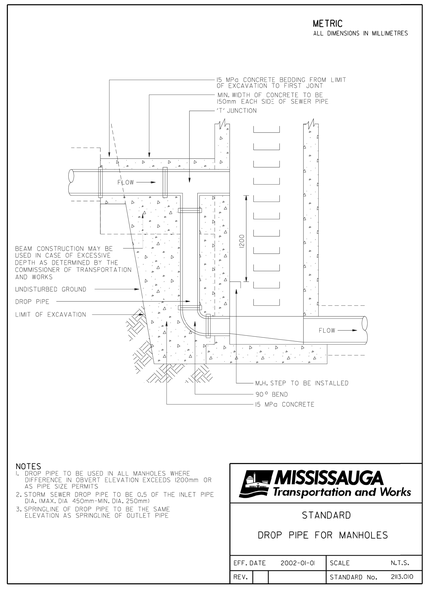


DETECTOR CHECK VALVE AND BY-PASS		
VALVE SIZE	BY-PASS METER SIZE	CHAMBER DIAMETER
150	25	1500
200	25	1650
300	25	1800

NOTE

1. INSTALL 50mm GALVANIZED CONDUIT FROM INSIDE CHAMBER WALL TO SUITABLE LOCATION 2000mm MIN. BEYOND TRAFFIC AREA.
2. GATE VALVE, FITTINGS AND PIPE SHALL BE RESTRAINED AS PER REGION OF PEEL REQUIREMENTS.
3. ALL PIPING, FITTINGS, VALVES, APPURTENANCES AND MECHANICAL RESTRAINTS TO BE DENSO PASTE, DENSO MASTIC AND DENSO TAPE OR APPROVED EQUAL, APPLIED TO MANUFACTURER'S RECOMMENDATIONS.

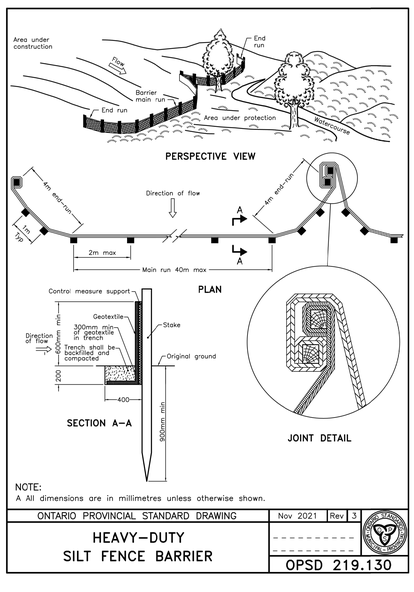
Region of Peel working with you	PUBLIC WORKS STANDARD DRAWING	REV. DATE: APRIL 2014
DETECTOR CHECK VALVE IN CHAMBER	APPROVED BY: A.P.	DRAWN BY: AINLEY GROUP
	STD. DWG. NUMBER: 1-3-1	SCALE: N.T.S.



NOTES

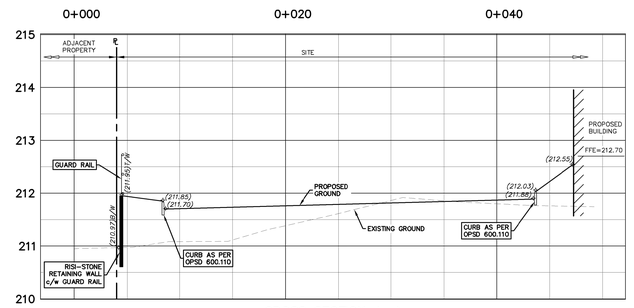
1. DROP PIPE TO BE USED IN ALL MANHOLES WHERE DIFFERENCE IN OBVERT ELEVATION EXCEEDS 1200mm OR AS PIPE SIZE PERMITS
2. STORM SEWER DROP PIPE TO BE 0.5 OF THE INLET PIPE DIA., MAX. DIA 450mm-MIN. DIA. 250mm
3. SPRINGLINE OF DROP PIPE TO BE THE SAME ELEVATION AS SPRINGLINE OF OUTLET PIPE

MISSISSAUGA Transportation and Works	STANDARD DROP PIPE FOR MANHOLES	
EFF. DATE: 2002-01-01	SCALE: N.T.S.	
REV.	STANDARD No. 2K3.010	

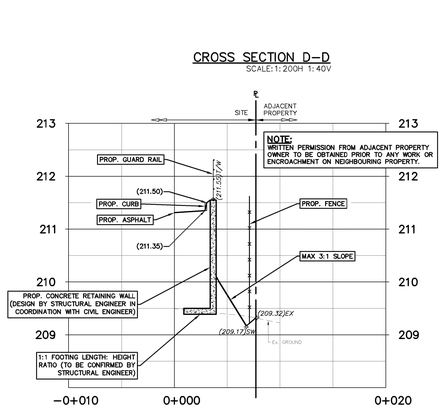


NOTE:
A All dimensions are in millimetres unless otherwise shown.

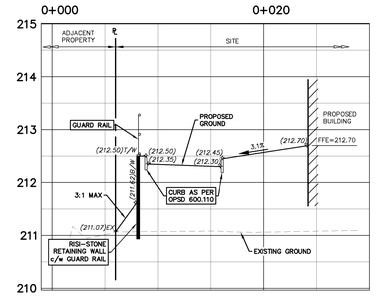
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev 3
HEAVY-DUTY SILT FENCE BARRIER		
		OPSD 219.130



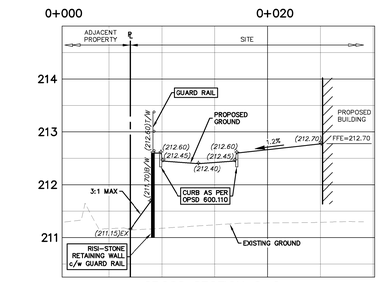
CROSS SECTION A-A
SCALE: 1:200H 1:40V



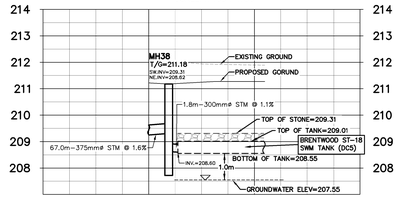
CROSS SECTION D-D
SCALE: 1:200H 1:40V



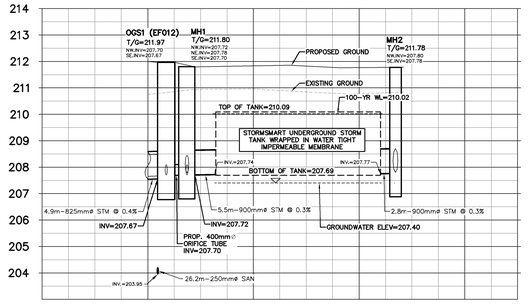
CROSS SECTION B-B
SCALE: 1:200H 1:40V



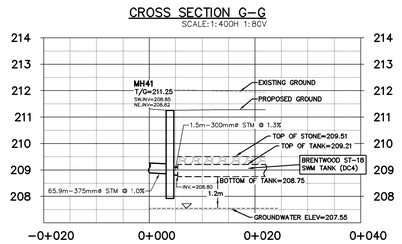
CROSS SECTION C-C
SCALE: 1:200H 1:40V



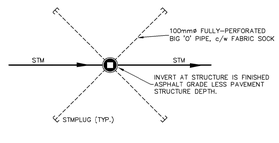
CROSS SECTION F-F
SCALE: 1:400H 1:80V



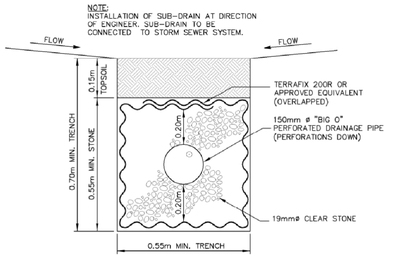
CROSS SECTION E-E
SCALE: 1:400H 1:80V



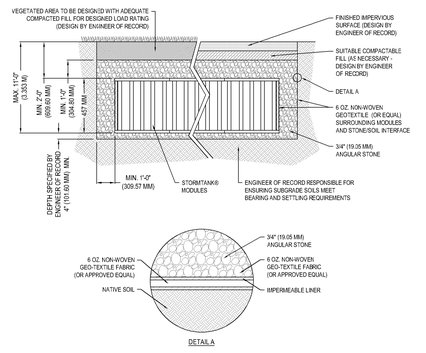
CROSS SECTION G-G
SCALE: 1:400H 1:80V



PAVEMENT SUBDRAIN DETAIL
TYPICAL PLAN VIEW
N.T.S.



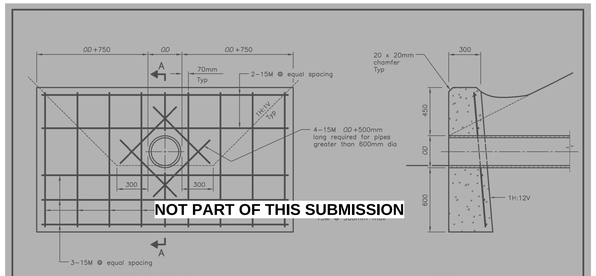
PERFORATED SUB-DRAIN DETAIL
N.T.S.



ST-18 SWM TANK MODULE DETAIL
N.T.S.

NOTES TO CONTRACTOR:

1. **INSPECTION**
   CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER & CITY INSPECTION STAFF 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION & OFF-SITE WORKS. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE DIVISION C, PART 1, SECTION 1.2.2. GENERAL REVIEW FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.
2. **CONFIRMATION OF EXISTING INVERTS**
   72 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO LOCATE, EXPOSE AND VERIFY INVERTS OF EXISTING SEWERS AT CONNECTION POINTS AND REPORT FINDINGS TO MTE. SHOULD THE CONTRACTOR PROCEED WITHOUT COMPLETING THESE LOCATES, EXTRA COSTS RESULTING FROM DELAYS AND STANDBY TIME WILL NOT BE CONSIDERED.

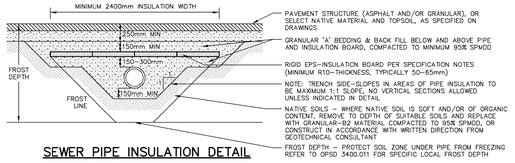


NOT PART OF THIS SUBMISSION

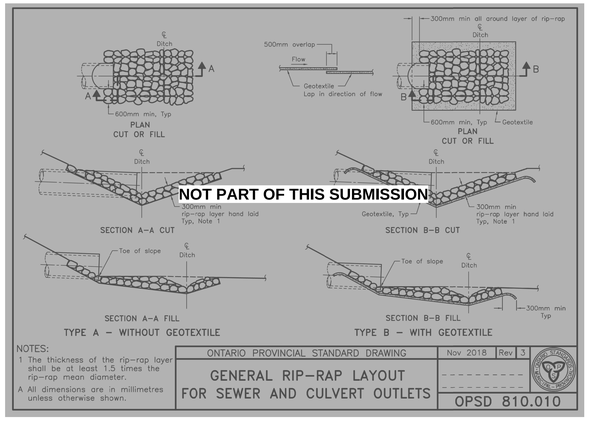
LEGEND:
OD = Outside diameter of pipe

NOTES:
A This OPSD to be read in conjunction with OPSD 3940.150.
B If a steel grate is required, refer to OPSD 804.05.
C Class of concrete: 30MPa.
D Cover to reinforcing bars 70mm ± 20mm.
E All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2017	Rev 2
CONCRETE HEADWALL FOR PIPE LESS THAN 900mm DIAMETER		
		OPSD 804.030

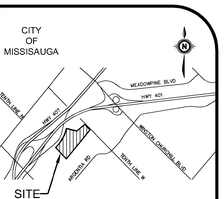


SEWER PIPE INSULATION DETAIL
FOR SEWER PIPES HAVING LESS THAN 1200mm COVER AND MINIMUM 615mm COVER
N.T.S.



NOTES:
1 The thickness of the rip-rap layer shall be at least 1.5 times the rip-rap mean diameter.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev 3
GENERAL RIP-RAP LAYOUT FOR SEWER AND CULVERT OUTLETS		
		OPSD 810.010



KEY PLAN N.T.S.

GEODETIC BENCHMARK ELEV. = 208.076m
ELEVATIONS ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK No. 1045, LOCATED AT THE BASE OF A 750mmø CONCRETE TRAFFIC POLE AT THE SOUTH-WEST CORNER OF ARGENTIA ROAD AND PLAZA ENTRANCE (WALMART), HAVING A PUBLISHED ELEVATION OF 208.076 METRES.

SITE BENCHMARK ELEV. = m
SEE GEODETIC BENCHMARK

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

No.	REVISION	BY	YYYY-MM-DD
16.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-09-25
15.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-09-10
14.	CONTRACT DOCUMENTS (100%) SUBMISSION	RDZ	2026-08-20
13.	CONTRACT DOCUMENTS (90%) SUBMISSION	RDZ	2026-07-22
12.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-07-06
11.	CONTRACT DOCUMENTS (75%) SUBMISSION	RDZ	2026-06-30
10.	ADDENDUM #01 (EARLY WORKS)	RDZ	2026-06-29
9.	ISSUED FOR ZBA-RESUBMISSION	RDZ	2026-06-16
8.	CONTRACT DOCUMENTS (50%) SUBMISSION	RDZ	2026-05-29
7.	ISSUED FOR BUILDING PERMIT	RDZ	2026-05-12
6.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-03-25
5.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-03-04
4.	RE-ISSUED FOR GRADING PERMIT	RDZ	2026-02-06
3.	RE-ISSUED FOR GRADING PERMIT	RDZ	2025-10-28
2.	ISSUED FOR SPA	RDZ	2025-08-08
1.	ISSUED FOR GRADING PERMIT	RDZ	2025-06-30

MTE
Engineers, Scientists, Surveyors
905-639-2552

LICENSED PROFESSIONAL ENGINEER 2026-09-25 R. D. ZHOU 100567167 PROVINCE OF ONTARIO

NOT FOR CONSTRUCTION

CLIENT
PETROFF PARTNERSHIP ARCHITECTS
10 AVIVA WAY SUITE 400 MARKHAM

PROJECT
PROLOGIS MEADOWVALE DC4/DC5 & DATA CENTRE
3261/3265 ARGENTIA ROAD (DC5/DC4)
7700 TENTH LINE WEST (DATA CENTER) MISSISSAUGA

DRAWING
NOTES PLAN
SP 25-063 W9 (DATA CENTER)
SP 25-065 W9 (DC5/DC4)

Project Manager: R.ZHOU	Job No.: 60549_001
Design By: NZR	Checked By: RDZ
Drawn By: AXG	Checked By: NZR
Surveyed By: Others	Drawing No.: C2.3
Date: Jun.11/25	
Scale: AS NOTED	Sheet 7 of 8

September 25, 2026 - 11:50:45 AM - Plotted By: Ala Gulen