

**REGION OF PEEL NOTES**

1. PUBLIC AND PRIVATE SERVICES, APPURTENANCES, MATERIALS AND CONSTRUCTION METHODS MUST COMPLY WITH THE MOST CURRENT REGION OF PEEL STANDARDS AND SPECIFICATIONS. THE LOCAL MUNICIPALITY'S REQUIREMENTS FOR THE ONTARIO BUILDING CODE AND ONTARIO PROVINCIAL STANDARDS. ALL WORKS SHALL ADHERE TO ALL APPLICABLE LEGISLATION, INCLUDING REGIONAL BY-LAWS.
2. WATERMAIN AND/OR WATER SERVICE MATERIALS (SMALLER THAN 150mm) MUST BE PVC DR-18 CONSTRUCTED AS PER ANWA 5900-16. SIZE 50MM (2") AND SMALLER MUST BE TYPE "K" SOFT COPPER CONSTRUCTED AS PER ASTM B88-49.
3. WATERMAIN AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.0M (3') WITH A MINIMUM HORIZONTAL SPACING OF 1.2M (4') FROM THEMSELVES AND ALL OTHER UTILITIES.
4. PROVISIONS FOR FLOODING WATER LINE PRIOR TO TESTING ETC. MUST BE PROVIDED WITH AT LEAST A 20MM (3/4") OUTLET ON 100MM (4") AND LARGER LINES. COPPER LINES ARE TO HAVE FLOODING POINTS AT THE SAME SIZE AS THE LINE THEY MUST ALSO BE HOSED OR RIPPED TO ALLOW THE WATER TO DRAIN INTO A PARKING LOT OR DOWN A DRAIN. FLOODING LINES, FLOODING OUTLET TO BE 100MM (4") DIAMETER MINIMUM ON A HYDRANT.
5. ALL CURB STOPS TO BE 3.0M (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
6. HYDRANT AND VALVE SET TO REGION STANDARD 1-6-1, DIMENSION A AND B, 0.7M (2') AND 0.9M (3') AND TO HAVE PUMPER NOZZLE.
7. WATERMANS TO BE INSTALLED TO GRADES AS SHOWN ON APPROVED SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
8. WATERMANS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.3M (1') OVER 0.2M (8") UNDER SEMI AND ALL OTHER UTILITIES WHEN CROSSING.
9. ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING AND CHLORINATING FROM EXISTING SYSTEMS.
10. ALL LINE TAPPING AND REGION WATER VALVES SHALL BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED OR BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION.
11. LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.

12. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION IN THE AREA OF THE WORK. WHETHER SHOWN ON THE PLANS OR NOT AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO THE SAME.
13. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 HOURS WRITTEN NOTICE TO THE UTILITIES PRIOR TO CROSSING SUCH UTILITIES FOR THE PURPOSE OF INSPECTION BY THE CONCERNED UTILITY. THIS INSPECTION WILL BE FOR THE DURATION OF THE CONSTRUCTION, WITH THE CONTRACTOR RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTION.
14. ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE AN APPROPRIATE CROSS-CONNECTION CONTROL DEVICE, CONSISTENT WITH THE DEGREE OF HAZARD, FOR BACKFLOW PREVENTION OF THE ACTIVE DISTRIBUTION SYSTEM, CONFORMING TO REGION OF PEEL STANDARDS 1-7-7 OR 1-7-8.
15. ALL WATER METERS MUST BE INSTALLED IN HEATED AND ACCESSIBLE SPACE.

**THE KING'S HIGHWAY N° 401**

part 4  
plan 43R-23554

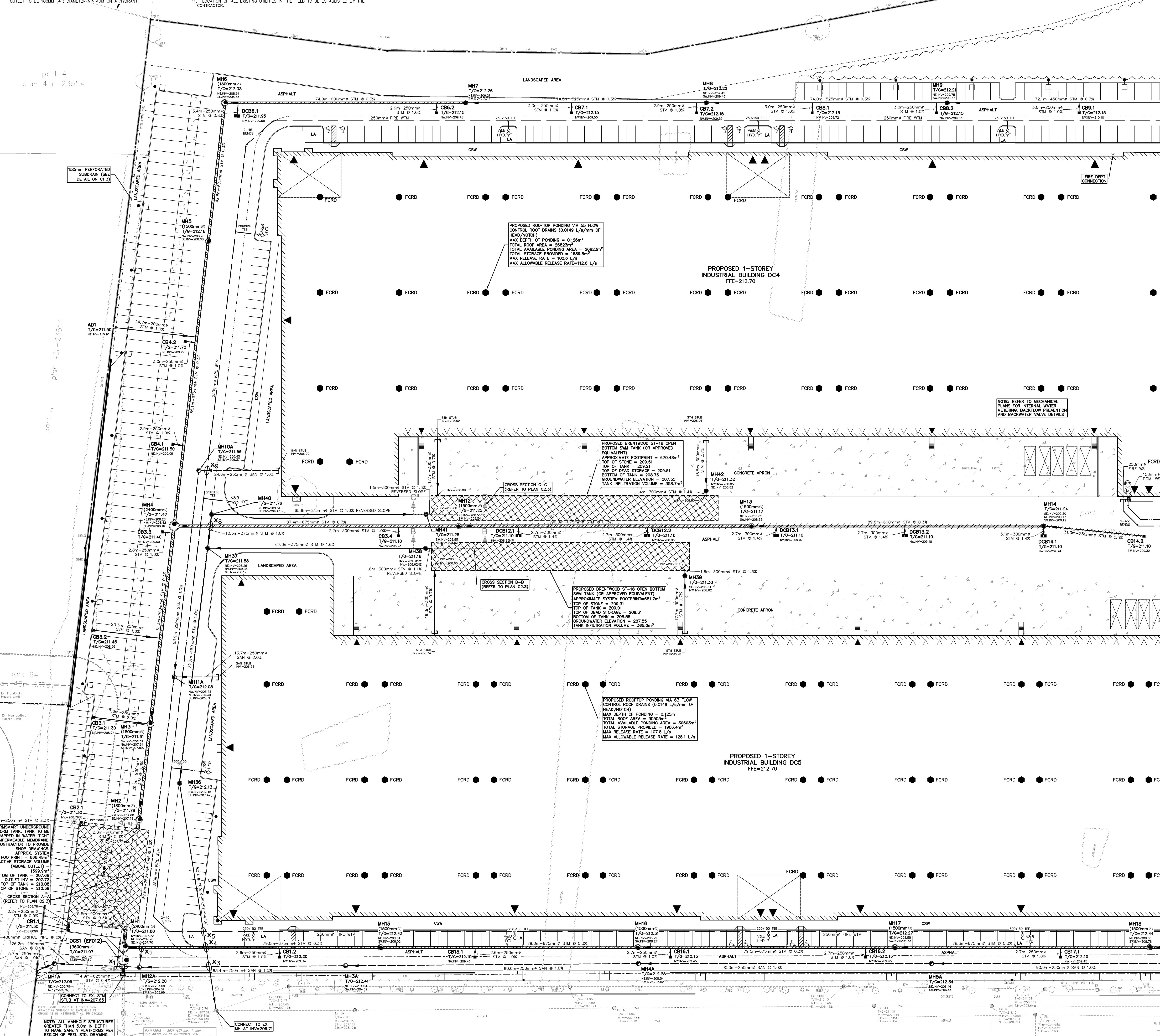
part 1  
plan 43R-23554

part 94

STORMWATER UNDERGROUND STORAGE TANK. TANK TO BE WRAPPED IN WATER-TIGHT IMPERMEABLE MEMBRANE. CONTRACTOR TO PROVIDE DITCH DRAINAGE APPROX. SYSTEM FOOTPRINT = 646.48m<sup>2</sup> APPROX. ACTIVE STORAGE VOLUME (ASO) = 1599.5m<sup>3</sup> BOTTOM OF TANK = 207.72m TOP OF TANK = 210.36m CROSS SECTION A-A (REFER TO PLAN C2.3)

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NOTE: ALL MANHOLE STRUCTURES GREATER THAN 4.5M IN DEPTH TO HAVE SAFETY PLATFORMS PER REGION OF PEEL STD. DRAWING SERIES 2-5-2-6, 2-7



**SEWER CROSSING CHART**

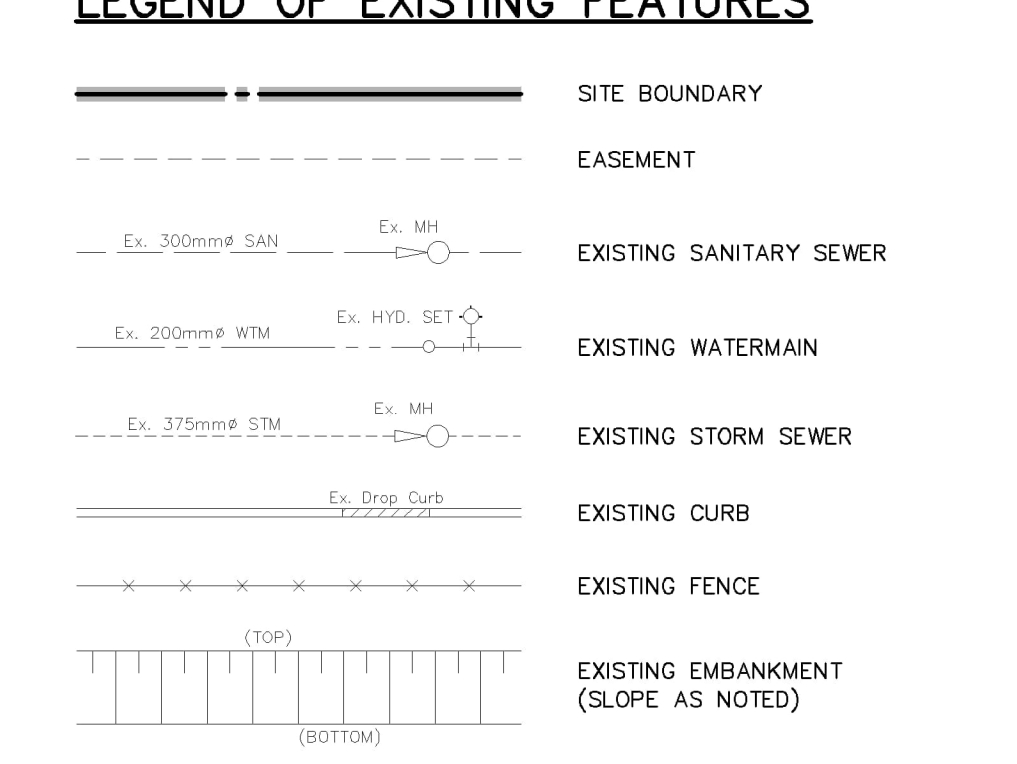
CROSSING #	SEWER TYPE	SEWER SIZE (mm)	CROSSING ELEVATION	NOTES
X1	STM	625	TOP=207.56	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	SAN	250	TOP=204.20	
X2	STM	675	TOP=201.70	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	SAN	250	TOP=204.46	
X3	STM	450	TOP=206.76	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	SAN	250	TOP=204.48	
X4	STM	675	TOP=201.75	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	SAN	450	TOP=207.44	
X5	STM	250	TOP=209.95	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	STM	450	TOP=207.50	
X6	STM	150	TOP=210.30	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	STM	450	TOP=208.03	
X7	STM	450	TOP=207.70	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	SAN	250	TOP=206.66	
X8	STM	375	TOP=209.39	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	STM	675	TOP=209.09	
X9	STM	250	TOP=209.60	MAINTAIN MIN. 0.3m VERTICAL SEPARATION
	SAN	250	TOP=206.74	

**NOTE:**  
REFER TO SITEPLAN/LANDSCAPE PLAN FOR ALL SURFACE TYPES AND DETAILS

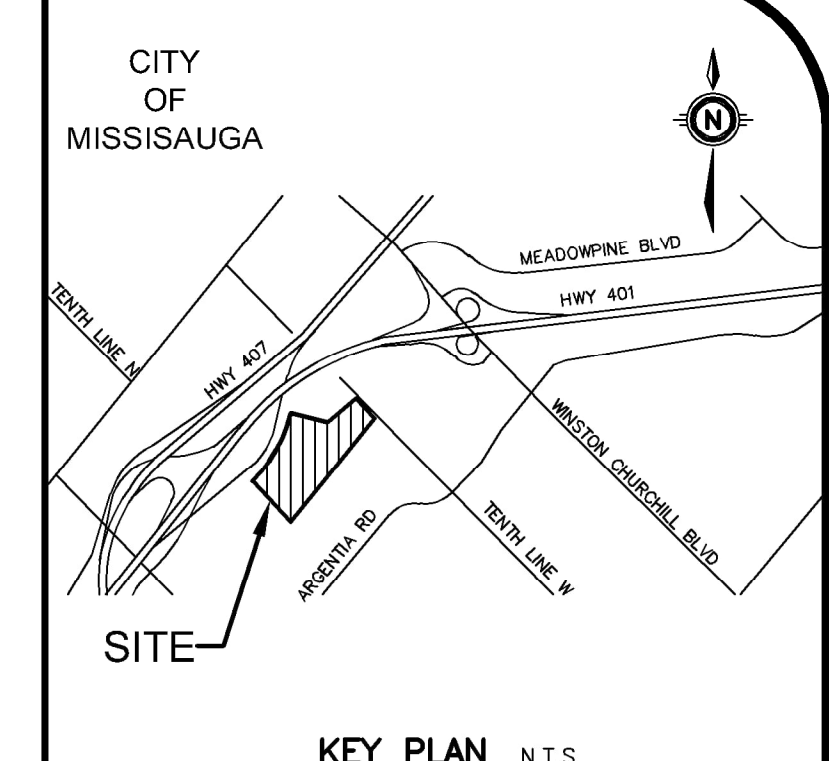
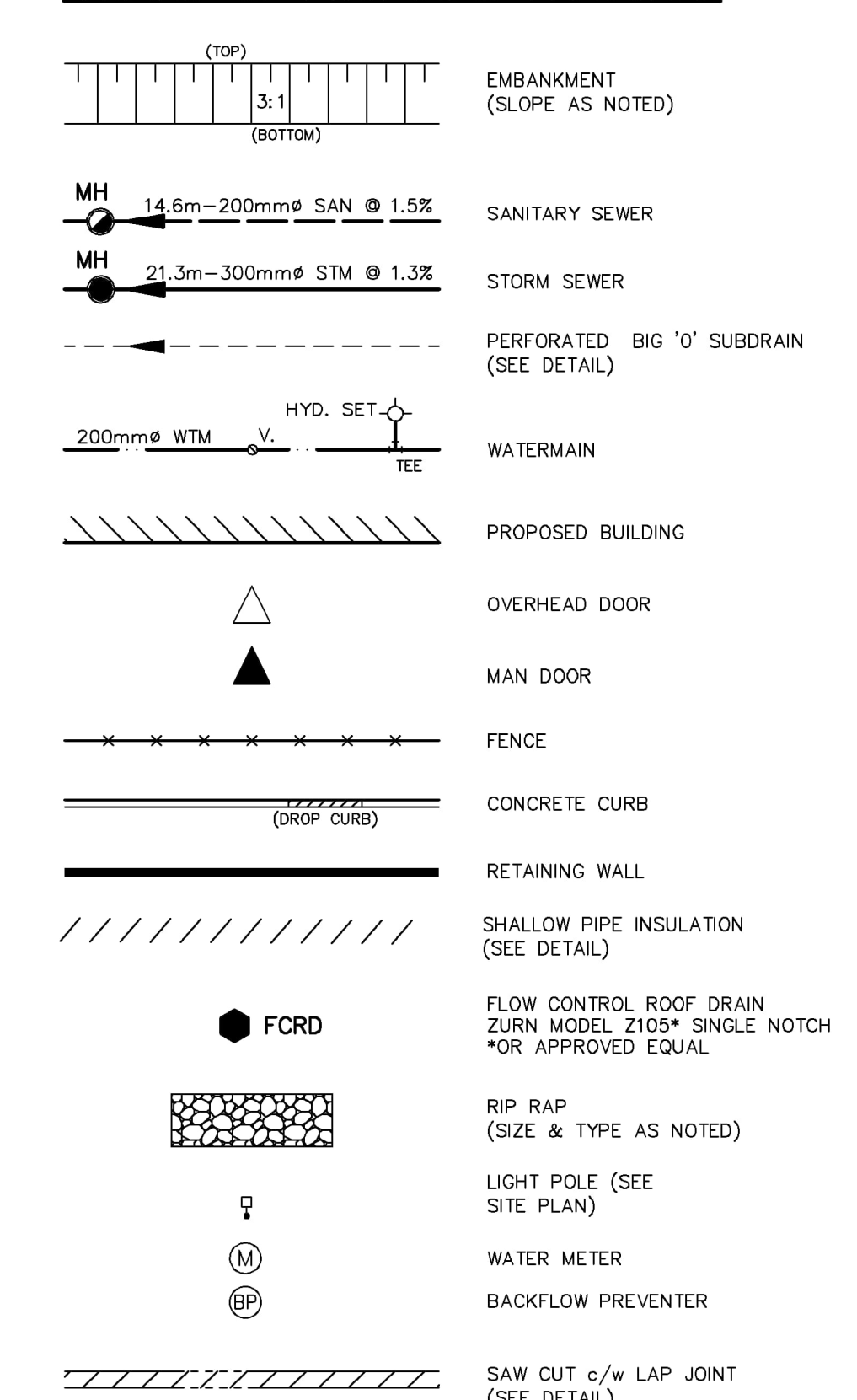
**NOTES TO CONTRACTOR:**

1. INSPECTION CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER & CITY INSPECTION STAFF 48 HRS 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.
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.

**LEGEND OF EXISTING FEATURES**



**LEGEND OF PROPOSED FEATURES**



**KEY PLAN N.T.S.**  
GEODEIC BENCHMARK ELEV. = 208.076m  
ELEVATIONS ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK No. 1045, LOCATED AT THE BASE OF A 750mm CONCRETE TRAFFIC POLE AT THE SOUTH-WEST CORNER OF ARGENTE ROAD AND PLAZA ENTRANCE (EASTWARD), HAVING A PUBLISHED ELEVATION OF 208.076 METRES.  
SITE BENCHMARK ELEV. = m  
SEE GEODEIC BENCHMARK

**NOTE TO CONTRACTOR:**  
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. IF THE REPORT/ARROW OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

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**MTE**  
Engineers, Scientists, Surveyors  
905-639-2502

**PETROFF PARTNERSHIP ARCHITECTS**  
10 AVILA WAY SUITE 402 MARKHAM  
PROJECT: PROLOGIS MEADOWLAW DC4/DC5 & DATA CENTRE  
7700 TENTH LINE WEST (DATA CENTRE)  
MISSISSAUGA, ONTARIO L4X 1L7  
DRAWING: SITE SERVICING PLAN 1

Client: PROLOGIS  
Project: PROLOGIS MEADOWLAW DC4/DC5 & DATA CENTRE  
Drawing: SITE SERVICING PLAN 1

Project Manager: R.ZHOU  
Design By: NZR  
Drawn By: AXG  
Surveyed By: Others  
Date: Jun.11/25  
Scale: 1:400

Job No.: 60549\_001  
Checked By: RDZ  
Checked By: NZR  
Drawing No.:  
Date: Jun.11/25  
Sheet 6 of 9