REGION OF PEEL NOTES - WATER

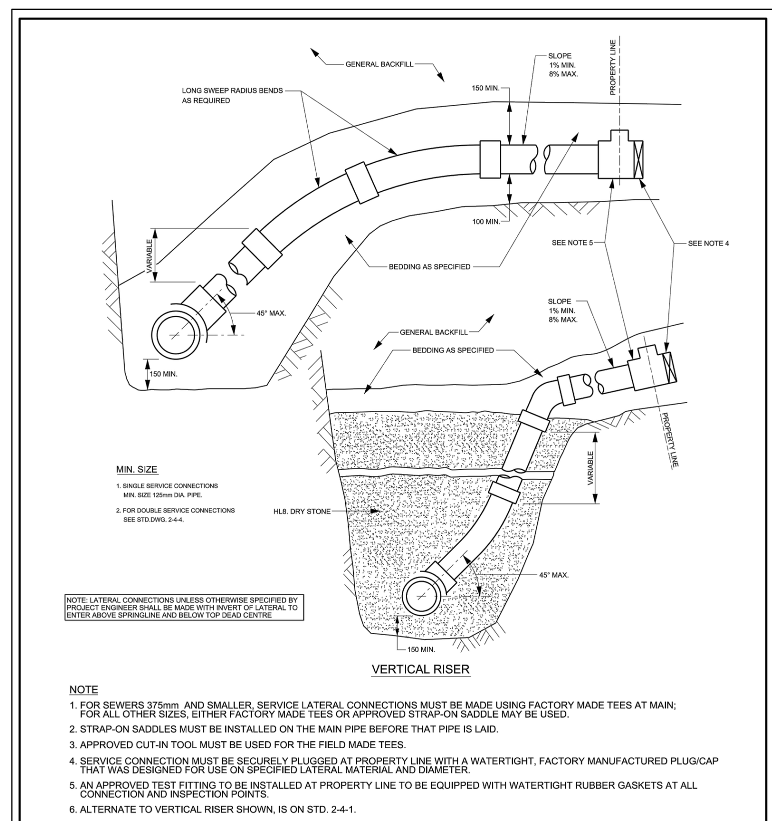
1. ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
2. WATERMAIN AND/OR WATER SERVICE MATERIALS 100 MM (4") AND LARGER MUST BE POLYVINYL CHLORIDE (PVC) CLASS 150 DR-18 PIPE. SIZE 50 MM (2") AND SMALLER MUST BE TYPR 'K' COPPER.
3. WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7 M (5'6") WITH A MINUMUM HORIZONTAL SPACING OF 1.2 M (4") FROM THEMSELVES AND ALL OTHER UTILITIES.
4. PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED WITH AT LEAST A 50 MM (2") OUTLET ON 100 MM (4") AND LARGER LINES. COPPER LINES ARE TO HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPED TO ALLOW THE WATER TO DRAIN ONTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES, FLUSHING OUTLET TO BE 100 MM (4") DIAMETER MINIMUM ON A HYDRANT.
5. ALL CURB STOPS TO BE 3.0 M (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
6. HYDRANT AND VALVE SET TO REGION STANDARD 1-6-1 DIMENSION AND B, 0.7 M (2') AND 0.9 M (3') AND TO HAVE PUMPER NOZZLE.
7. WATERMAINS TO BE INSTALLED TO GRADES AS SHOWN ON APPROVED SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
8. WATERMAINS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.3 M (12") OVER / 0.5 M (20") UNDER SEWERS 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 CHLOTINATING FROM EXISTING SYSTEMS.
10. ALL LIVE TAPPING AND OPERATION OF 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 THEIR WORK. WHETHER SHOWN ON THE PLANS OR NOT AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME.
13. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 HOURS WRITNG 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 THEOUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE AN APPROPRIATE CROSS0CONNECTION 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.

REGION OF PEEL NOTES - SANITARY

1. REFER TO REGION OF PEEL STD DWG 2-0-1 FOR GERNERAL NOTES AND REFERENCES.
2. SANITARY SEWERS SHALL BE INSTALLED WITH BEDDING AS PER STD DWG 2-3-1.
3. PIPE MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT MANUFACTURE'S APPROVED PRODUCTS LIST, SANITARY SEWER AND APPURTENANCES SECTION.
4. MAINTENANCE HOLES SHALL CONFORM TO THE CURRENT MANUFACTURER'S APPROVED LIST, SANITARY AND APPURTENANCES, STD 2-3-1 TO 2-9-9.
5. MAXIMUM SPACING OF MAINTENANCE HOLES SHALL BE 120m FOR SEWERS UP TO 600mm.
6. A SAFETY PLATFORM SHALL BE PROVIDED AS PER REGIONAL STANDARD 2-6-13 TO 2-6-15 WHERE DEPTH FROM INVERT TO MAINTENANCE HOLE EXCEEDS 5.0m.
7. MINIMUM DEPTH OF SANITARY PIPE SHALL BE 2.5m.
8. CONNECTIONS FROM FOUNDATION, WEEPING TILE DRAINAGE, ROOF DRAINAGE OR ANY OTHER STORM SOURCE ARE NOT PERMITTED TO DISCHARGE INTO THE SANITARY SEWER SYSTEM.

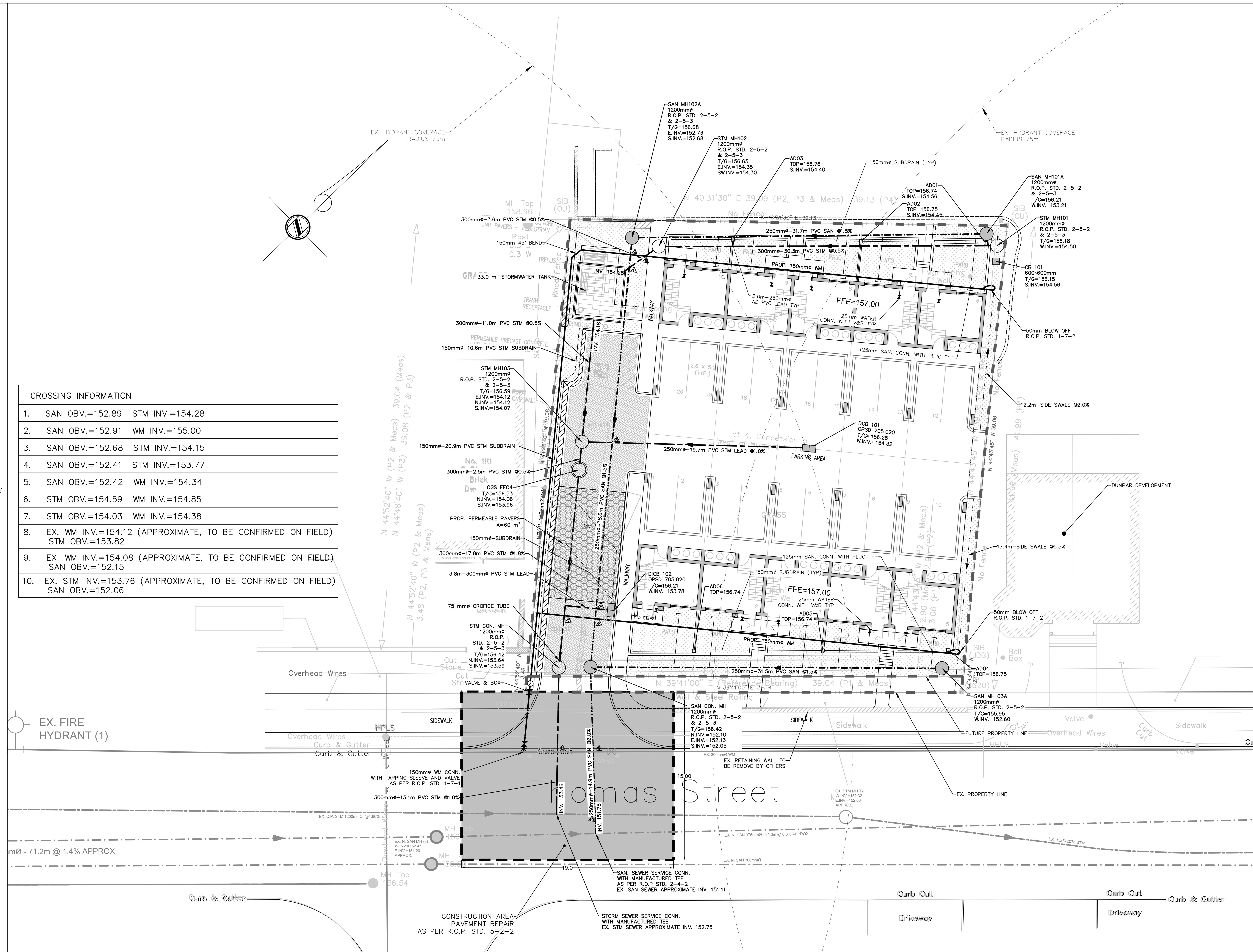
REGION OF PEEL NOTES - STORM

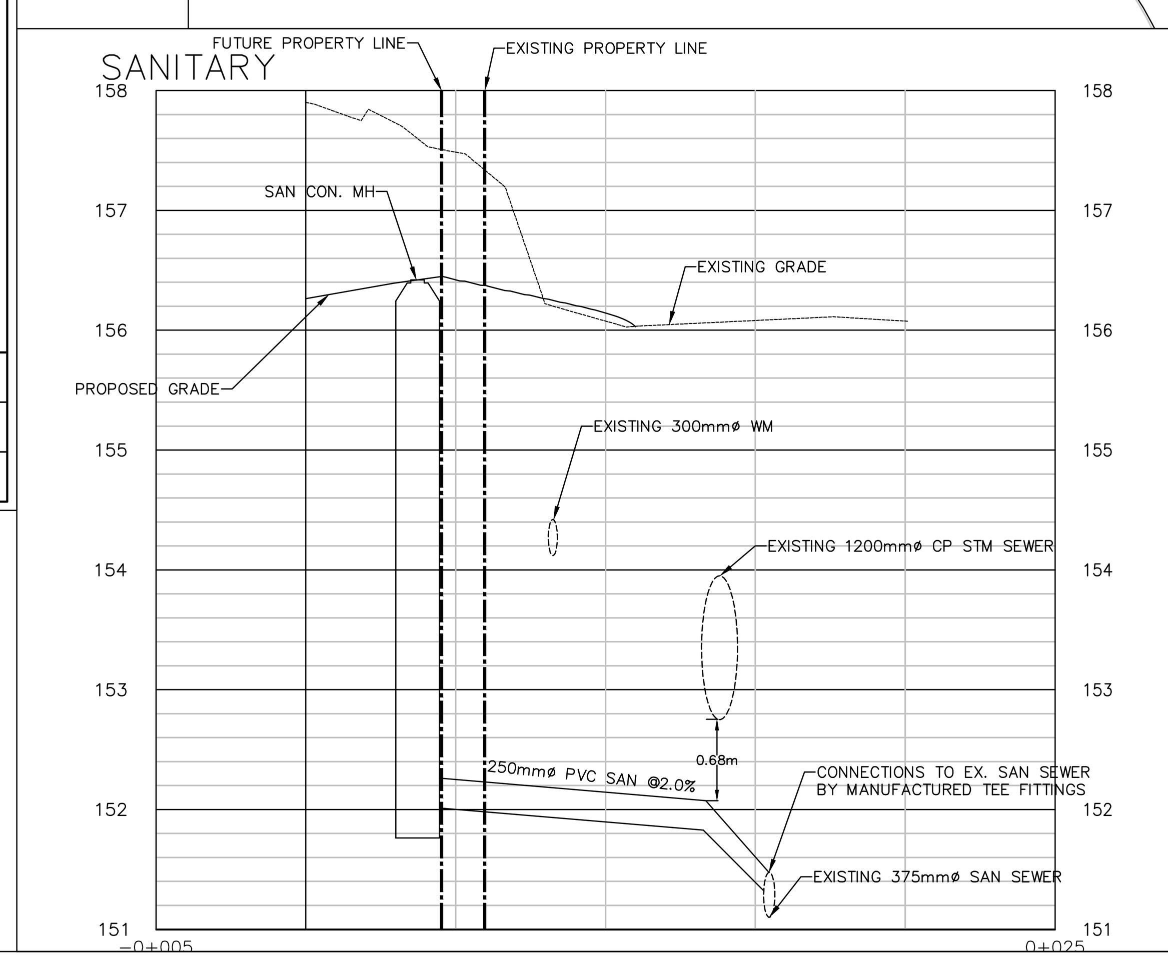
1. MINIMUM DEPTH OF STORM PIPE SHALL BE 1.5m
2. STORM SEWERS SHALL BE INSTALLED WITH BEDDING AS PER STD DWG 2-3-1.
3. PIPE MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT MANUFACTURER'S APPROVED LIST, WASTEWATER.
4. MAINTENANCE HOLES, STORMCEPTORS AND CATCHBASINS SHALL BE AS PER OPSD.
5. MAXIMUM SPACING OF MAINTENANCE HOLES SHALL BE 120m FOR SEWERS UP TO 600mm.
6. A SAFETY PLATFORM SHALL BE PROVIDED AS PER REGIONAL STANDARD 2-2-1 WHERE DEPTH FROM INVERT TO MAINTENANCE HOLE EXCEEDS 5.0m.
7. MAXIMUM SPACING OF CATCHBASINS SHALL NOT EXCEED 75m.

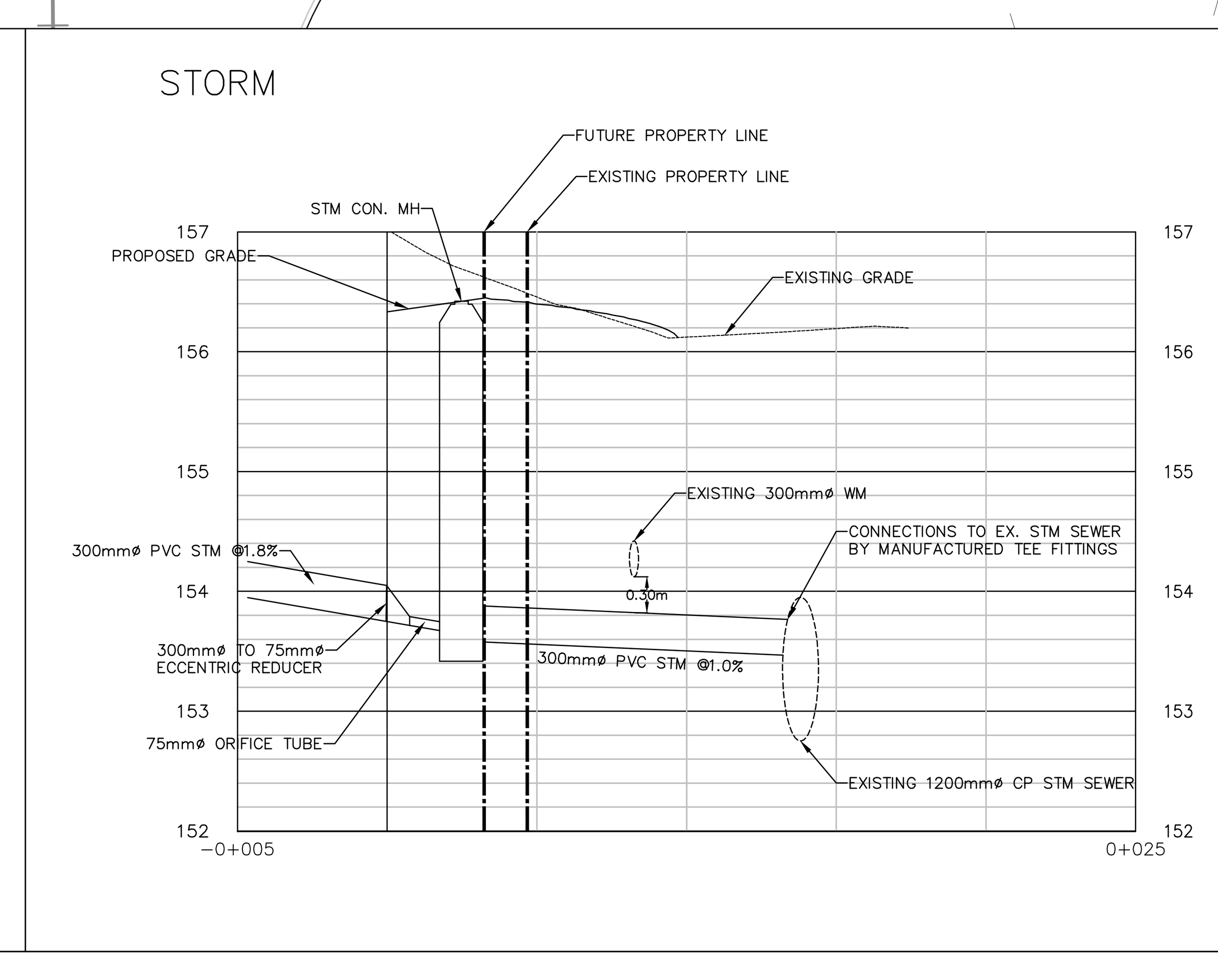


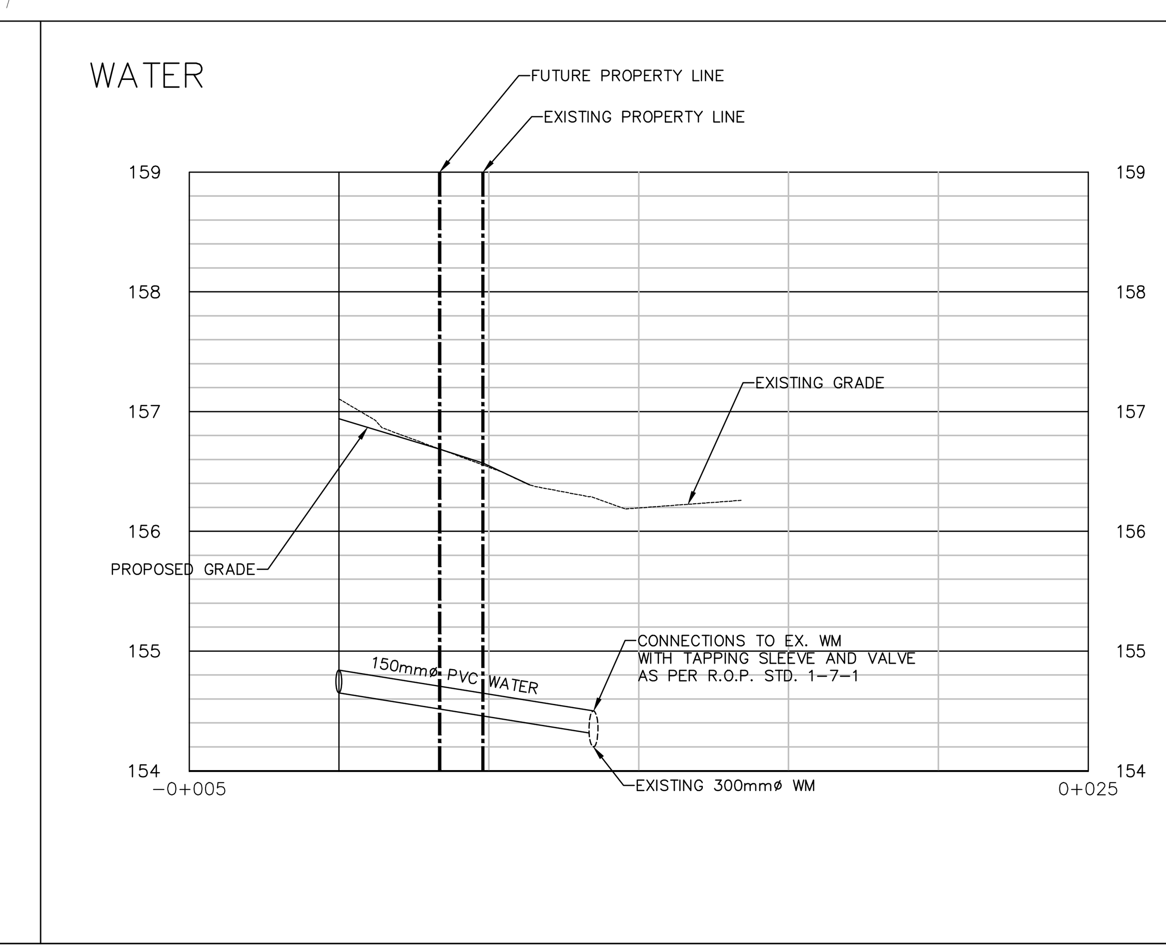
Region of Peel	PUBLIC WORKS STANDARD DRAWING	REV. DATE: MARCH 2017
SERVICE CONNECTIONS FOR FLEXIBLE PIPE RESIDENTIAL LOW TO MEDIUM DENSITY		STD DWG. NUMBER 2-4-2

CROSSING INFORMATION
1. SAN OBV.=152.89 STM INV.=154.28
2. SAN OBV.=152.91 WM INV.=155.00
3. SAN OBV.=152.68 STM INV.=154.15
4. SAN OBV.=152.41 STM INV.=153.77
5. SAN OBV.=152.42 WM INV.=154.34
6. STM OBV.=154.59 WM INV.=154.85
7. STM OBV.=154.03 WM INV.=154.38
8. EX. WM INV.=154.12 (APPROXIMATE, TO BE CONFIRMED ON FIELD) STM OBV.=153.82
9. EX. WM INV.=154.08 (APPROXIMATE, TO BE CONFIRMED ON FIELD) SAN OBV.=152.15
10. EX. STM INV.=153.76 (APPROXIMATE, TO BE CONFIRMED ON FIELD) SAN OBV.=152.06

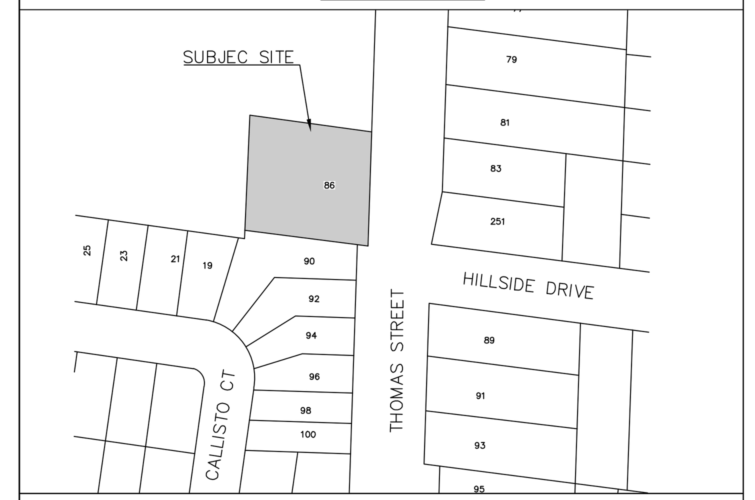








KEY PLAN



DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

LEGEND

WM	PROPOSED WATERMAIN
WM	EXISTING WATERMAIN
SAN	PROPOSED SANITARY SEWER
SAN	EXISTING SANITARY SEWER
STM	PROPOSED STORM SEWER
STM	EXISTING STORM SEWER
HYD WVC	EXISTING HYDRANT AND VALVE
	EXISTING VALVE CHAMBER
MH	EXISTING STORM MH
MH	EXISTING SANITARY MH
STM MH	PROPOSED STORM MH
SAN MH	PROPOSED SANITARY MH
CB	EXISTING CATCHBASIN SINGLE
CB	PROPOSED CATCHBASIN
	VALVE & BOX
	TAPPING SLEEVE & VALVE & BOX
	PROPERTY LINE
	PROPOSED AREA DRAIN
	PROPOSED SOAK PITS
	EXISTING RETAINING WALL
	CONSTRUCTION AREA

	Revision	Date	By	Appr'd
1	SUBMISSION FOR REVIEW	JULY 02 2020	W.L.	G.R.

BENCHMARK

ELEVATIONS ARE REFERENCED TO CITY OF MISSISSAUGA BENCHMARK No. 1069, PUBLISHED AS HAVING AN ELEVATION OF 157.50 METRES (CANADIAN GEODETIC DATUM, 1928).

CONSULTANT

ACCEPTED
CITY OF MISSISSAUGA

SIGNATURE DATE

MISSISSAUGA

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86 THOMAS STREET

SITE SERVICING PLAN

Surveyed by: DONALD H. BROWN SURVEYING LTD.	Checked by: G.R.	Project No. NT-19-013
Drawn by: W.L.	Approved by: G.R.	
Designed by: W.L.	Date: JUNE 04, 2019	Drawing No. SS-01
Scale: 1:100		Sheet No. 2 OF 4