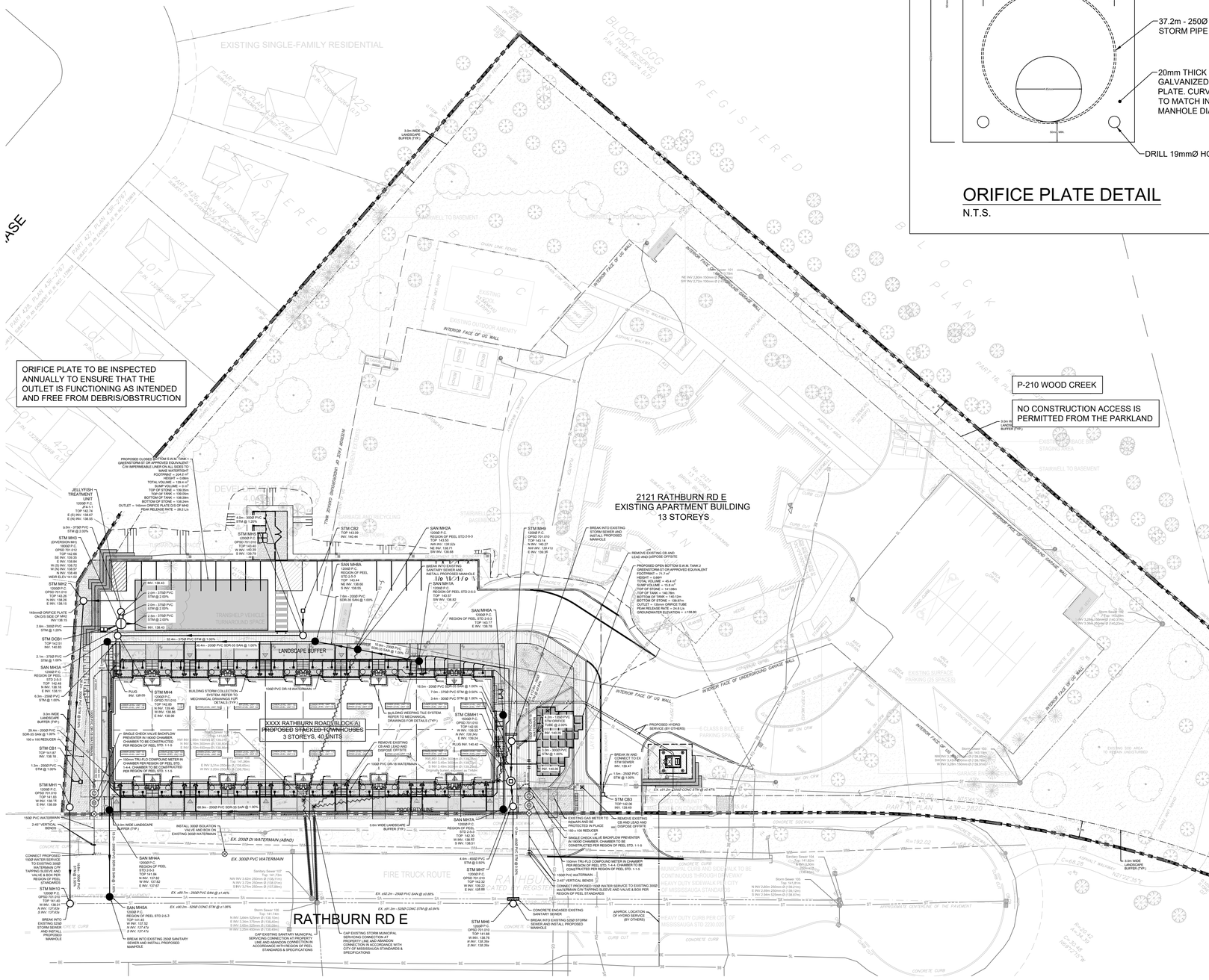
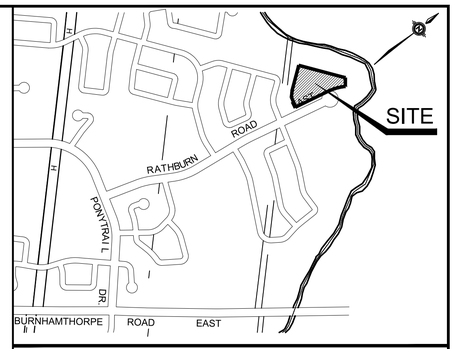


ORIFICE PLATE DETAIL
N.T.S.



KEY PLAN NTS

LEGEND

VC	EX. VALVE & CHAMBER
HYD.	EX. HYDRANT
SAN MH	EX. SANITARY MANHOLE
STM MH	EX. STORM MANHOLE
CB	EX. CATCHBASIN
	SANITARY MANHOLE
	STORM MANHOLE
CB	CATCHBASIN
DCB	DOUBLE CATCHBASIN
V&B	VALVE AND BOX
H&V	HYDRANT AND VALVE
	LIMIT OF PROPERTY
	DEVELOPMENT LIMIT
	EXISTING SEWER / WATERMAIN TO BE REMOVED AND DISPOSED OFFSITE
	EXISTING SEWER / WATERMAIN TO BE ABANDONED

BENCHMARK NOTES:

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK NO. 766, LOCATED ON THE NORTH FACE, WEST CORNER OF A RED BRICK TWO-STOREY HOUSE #4215 AT THE SOUTHEAST CORNER OF GARNETWOOD CHASE AND RATHBURN ROAD EAST, HAVING A PUBLISHED ELEVATION OF 141.957 METRES.

ALL DIMENSIONS AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.

PIPE SIZES ARE IN MILLIMETRES

No.	REVISIONS	DATE	APPR. BY
2	ISSUED FOR 3RD S.P.A SUBMISSION	JUL 15/26	D.A.
1	ISSUED FOR S.P.A SUBMISSION	MAR 04/26	D.A.

CLIENT

CAPREIT APARTMENTS INC.
11 Church Street, Toronto, ON Canada M5E 1W1
Office (416) 861-9404
E-mail hello@capreit.net

PROJECT TITLE

2121 RATHBURN ROAD EAST MISSISSAUGA, ONTARIO
STACKED RESIDENTIAL RENTAL TOWNHOUSE DEVELOPMENT

STAMP

LICENSED PROFESSIONAL ENGINEER
T. M. ABIKOYE
100546720
2026-07-15
PROVINCE OF ONTARIO

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF ENVISION CONSULTANTS LTD. AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT / TRANSPORTATION ENGINEERING

CONSULTANT

ENVISION CONSULTANTS LTD
6415 Northwest Dr. Mississauga, ON Canada L4V 1X1
Office (905) 677-0202
E-mail admin@envisionconsultants.ca

MUNICIPALITY

MISSISSAUGA
Region of Peel working with you

CITY FILE NO.: SP 25-54 W3, REGION FILE NO.: C604649

SHEET TITLE

OVERALL SITE SERVICING PLAN

DESIGNED BY: D.A.	DATE: SEPT 2025	CHECKED BY: A.W.
DRAWN BY: M.R.	PROJECT No. 25-1026	
SCALES: 1: 400		DRAWING No. C-102a

REGION OF PEEL SERVICING 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 100 MM (4") AND LARGER MUST BE PVC DR18 CONSTRUCTED AS PER AWWA C900-16. SIZE 50 MM (2") AND SMALLER MUST BE TYPE K SOFT COPPER CONSTRUCTED AS PER ASTM B88-49 OR POLYETHYLENE CONSTRUCTED AS PER AWWA C901 AND CSA B.137.10 (CHOOSE ONLY ONE MATERIAL).
3. WATERMAINS AND / OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7 M (5'6") WITH A MINIMUM 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 A 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 PRIOR 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 CHLORINATING 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 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.
16. PROPOSALS TO CONNECT TO AN EXISTING SERVICE LATERAL REQUIRES APPROVAL FROM THE REGION OF PEEL.

FILENAME: C:\Users\ANDREW~1\AppData\Local\Temp\AcPublish_32080\25-1026_SSI-SG1-ESC1-NT1.dwg
PLOTDATE: Jul 15, 2026 - 4:43pm, AndrewRocha