

GENERAL NOTES:

- COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS DRAWING.
- OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
- BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR \$2,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED AND THE CITY OF OTTAWA AS THIRD PARTY.
- RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF THE CITY OF OTTAWA.
- REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ALL ORGANIC MATERIAL AND DEBRIS. ALL CONTAMINATED MATERIAL (IF ANY) SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
- ALL ELEVATIONS ARE GEODETIC. THE SITE BENCHMARKS ARE THE NAILS IN UTILITY POLE (ELEVATION=55.93). REFER TO FARLEY, SMITH AND DENIS SURVEYING LTD. TOPOGRAPHIC PLAN OF PART OF LOTS 85, 86 AND 87, CITY OF OTTAWA.
- REFER TO THE APPROVED SUBSURFACE INVESTIGATION REPORT, PREPARED BY YURI MENDEZ ENGINEERING FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT IS TO REVIEW ON-SITE CONDITIONS AFTER EXCAVATION PRIOR TO PLACEMENT OF GRANULAR MATERIAL.
- REFER TO THE DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT NO. R-2022-198 DATED DECEMBER 19, 2024 PREPARED BY NOVATECH.
- REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARD SURFACE AREAS AND DIMENSIONS.
- SAW CUT AND KEYGRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10). ALL ROAD CUTS TO BE REINSTATED WITH FULL MILL OVERLAY AS PER CITY OF OTTAWA STANDARDS (R10).
- CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES AND GRADING PLAN INDICATING ALL SERVICING AS-BUILT INFORMATION SHOWN ON THE PLANS. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT AND T/G ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, TWM ELEVATIONS, ANY ALIGNMENT CHANGES, AND ALL SURFACE ELEVATION AS BUILT GRADES.

SEWER NOTES:

- SUPPLY AND CONSTRUCT ALL SEWERS AND APPURTENANCES IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.
- SPECIFICATIONS:

ITEM	SPEC. No.	REFERENCE
STORM / SANITARY MANHOLE (12000)	701.010	OPSD
CATCHBASIN (600x600mm)	705.010	OPSD
CB. FRAME & COVER	400.020	OPSD
STORM / SANITARY MH FRAME	S25	CITY OF OTTAWA
STORM COVER (CLOSED)	S24.1	CITY OF OTTAWA
STORM COVER (OPEN)	S24.1	CITY OF OTTAWA
SEWER TRENCH	S6 & S7	CITY OF OTTAWA
STORM SEWER < 450mmØ	PVC SDR 35 (UNLESS SPECIFIED OTHERWISE)	CITY OF OTTAWA
STORM SEWER >= 450mmØ	CONC 650 (UNLESS SPECIFIED OTHERWISE)	CITY OF OTTAWA
SANITARY SEWER	PVC DR 35	CITY OF OTTAWA
- SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING AT A MINIMUM SLOPE OF 1.0%.
- ALL STORM AND SANITARY SERVICE LATERALS SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES AS PER THE CITY OF OTTAWA STANDARD DETAILS S14 AND S14.12 OR S14.2.
- ALL WEEPING TILE CONNECTIONS TO BE MADE TO THE PROPOSED STORM SEWER SYSTEM DOWNSTREAM OF ANY INLET CONTROL DEVICES.
- INSULATE ALL PIPES (SAN/STM) THAT HAVE LESS THAN 2.0m COVER. PER INSULATION DETAIL FOR SHALLOW SEWERS, PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION.
- FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTING PIPES TO MANHOLES (FOR EXAMPLE KOR-N-SEAL, PSX, POSITIVE SEAL AND DURASEAL). THE CONCRETE CRADLE FOR THE PIPE CAN BE ELIMINATED.
- STORM MANHOLES AND CBMHS ARE TO HAVE 300mm SLUMPS UNLESS OTHERWISE INDICATED.
- ALL CATCHBASINS, MANHOLES AND/OR CATCHBASIN MANHOLES THAT ARE TO HAVE ICD'S INSTALLED WITHIN THEM ARE TO HAVE 600mm SLUMPS.
- ALL CATCHBASINS AND CATCHBASIN MANHOLES TO BE PROVIDED WITH MINIMUM 3 METER LONG PERFORATED SUBRAINS, EXTENDING IN TWO DIRECTIONS AT THE SUBGRADE LEVEL. THE SUBGRADE SURFACE SHOULD BE SHAPED TO PROMOTE WATER FLOW TO THE DRAINAGE LINES.
- CONTRACTOR TO TELEVIEW (CCTV) ALL PROPOSED SEWERS, 200mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES AND RE CCTV PRIOR TO ACCEPTANCE.
- CONTRACTOR TO TELEVIEW (CCTV) ALL EXISTING SEWERS IN STE-CECILE STREET FRONTING THE SITE PRE AND POST CONSTRUCTION.
- THE OWNER SHALL REQUIRE THAT THE SITE SERVICING CONTRACTOR PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SANITARY SEWERS. LEAKAGE TESTING SHALL BE COMPLETED IN ACCORDANCE WITH OPS5 410.07.16, 410.07.16.04 AND 407.07.24. DYE TESTING IS TO BE COMPLETED ON ALL SANITARY SERVICES TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN. THE FIELD TESTS SHALL BE PERFORMED IN THE PRESENCE OF A CERTIFIED PROFESSIONAL ENGINEER WHO SHALL SUBMIT A CERTIFIED COPY OF THE TEST RESULTS.
- ALL EXISTING BUILDING SEWER SERVICES NOTED TO BE REMOVED ARE TO BE CAPPED AT THE PROPERTY LINE.

GRADING NOTES:

- ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS.
- EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL CONSULTANT.
- ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUBEXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS.
- THE GRANULAR BASE SHOULD BE COMPACTED TO AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROPOSED PAVEMENT SHOULD BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
- GRADE AND/OR FILL BEHIND PROPOSED CURB AND BETWEEN BUILDINGS AND CURBS, WHERE REQUIRED TO PROVIDE POSITIVE DRAINAGE.
- MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
- ALL CURBS SHALL BE BARRIER CURB (150mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STANDARDS (SC1.1, SC1.4).
- ALL SIDEWALKS ARE TO BE CONSTRUCTED AS PER CITY OF OTTAWA DETAILS (SC1.4, SC4, SC5, SC6). INSTALL TWSI AT ALL DEPRESSED CURB RAMPS PER CITY DETAIL (SC7.3).
- AS PER PRIVATE APPROACH BY-LAW NO. 2004-447 SECTION 26 (h) THE GRADE OF ANY PART OF A PRIVATE APPROACH TO A BUILDING MAY BE GREATER THAN 6% BUT SHALL NOT EXCEED 12% PROVIDED THAT A SUBSTANCE MELTING DEVICE SUFFICIENT TO KEEP THE PRIVATE APPROACH FREE OF ICE AT ALL TIMES IS INSTALLED AND PROPERLY MAINTAINED BY THE OWNER.

WATERMAIN NOTES:

- SPECIFICATIONS:

ITEM	SPEC. No.	REFERENCE
WATERMAIN TRENCHING	W17	CITY OF OTTAWA
THERMAL INSULATION IN SHALLOW TRENCHES	W22	CITY OF OTTAWA
WATERMAIN CROSSING BELOW SEWER	W25	CITY OF OTTAWA
WATERMAIN	PVC DR 18	CITY OF OTTAWA
- SUPPLY AND CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. EXCAVATION, INSTALLATION, BACKFILL AND RESTORATION OF ALL WATERMANS BY THE CONTRACTOR. CONNECTIONS AND SHUT-OFFS AT THE MAIN AND CHLORINATION OF THE WATER SYSTEM SHALL BE PERFORMED BY CITY OFFICIALS.
- ALL WATERMANS / SERVICES ARE TO HAVE A MINIMUM COVER DEPTH OF 2.4m OR SHALL BE INSULATED IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING W22.
- PROVIDE MINIMUM 0.5m CLEARANCE BETWEEN OUTSIDE OF PIPES AT ALL CROSSINGS.
- WATER SERVICE IS TO BE CONSTRUCTED TO WITHIN 1.0m OF FOUNDATION WALL AND CAPPED, UNLESS OTHERWISE INDICATED.
- ANY SERVICES WITHIN 2.4m OF AN EXISTING CATCH BASIN MUST BE INSULATED IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING W23.
- ALL EXISTING WATER SERVICES NOTED TO BE REMOVED ARE TO BE BLANKED AT THE WATERMAN CONNECTION IN STE CECILE STREET.

EROSION AND SEDIMENT CONTROL NOTES:

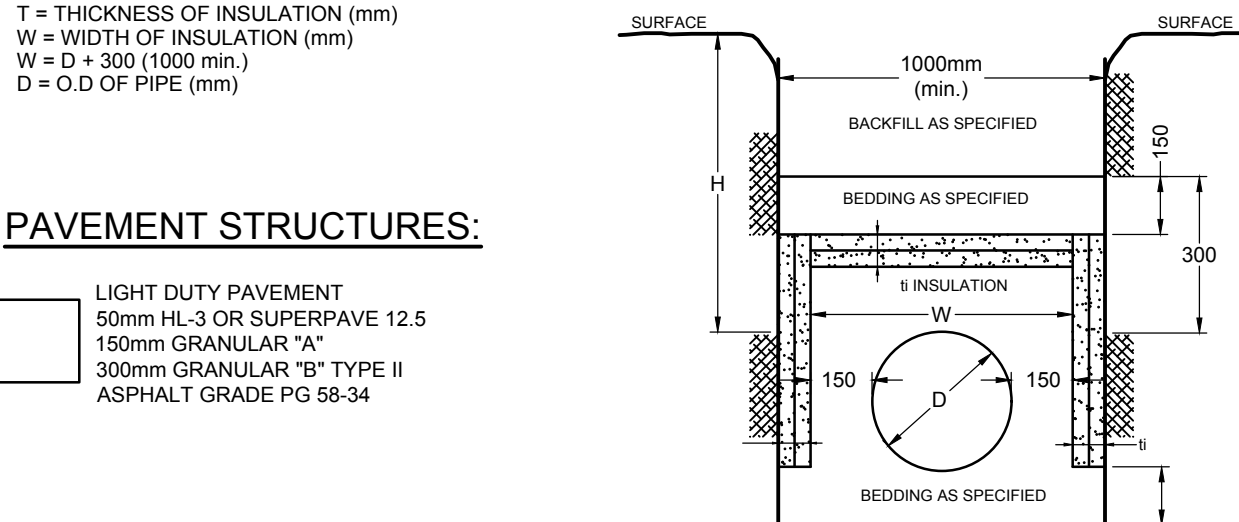
THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

- THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS. PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
- THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
- SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
- PROVIDE MUD MATS AT ALL CONSTRUCTION ACCESS POINTS TO MINIMIZE SEDIMENT TRANSPORT OFFSITE.
- EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE ROADS ARE KEPT FREE OF MUD AND DEBRIS.

SEWER & WATERMAIN INSULATION NOTES:

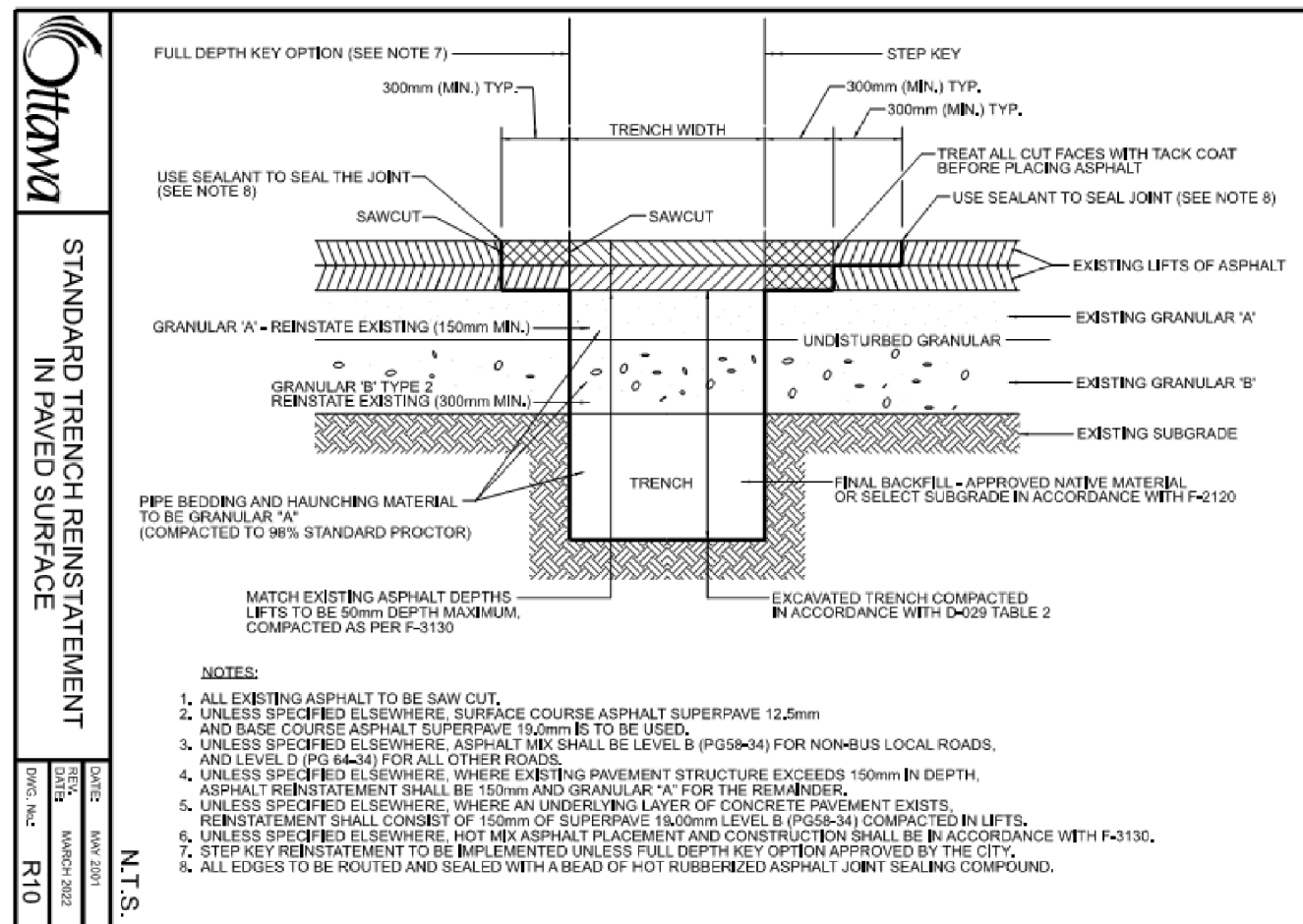
- INSULATE ALL SEWER PIPES THAT HAVE LESS THAN 2.0m COVER AND ALL WATERMAIN WITH LESS THAN 2.4m OF COVER WITH EXPANDED POLYSTYRENE INSULATION AS PER OPSD 1109.030
- THE THICKNESS OF INSULATION SHALL BE THE EQUIVALENT OF 25mm FOR EVERY 300mm REDUCTION IN THE REQUIRED DEPTH OF COVER WITH 50mm MINIMUM (SEE TABLE)

COVER SEWER / WATER (mm)	INSULATION THICKNESS (mm)
2000-1700 / 2400-2100	50
1700-1400 / 2100-1800	75
1400 - / 1800-1500	100

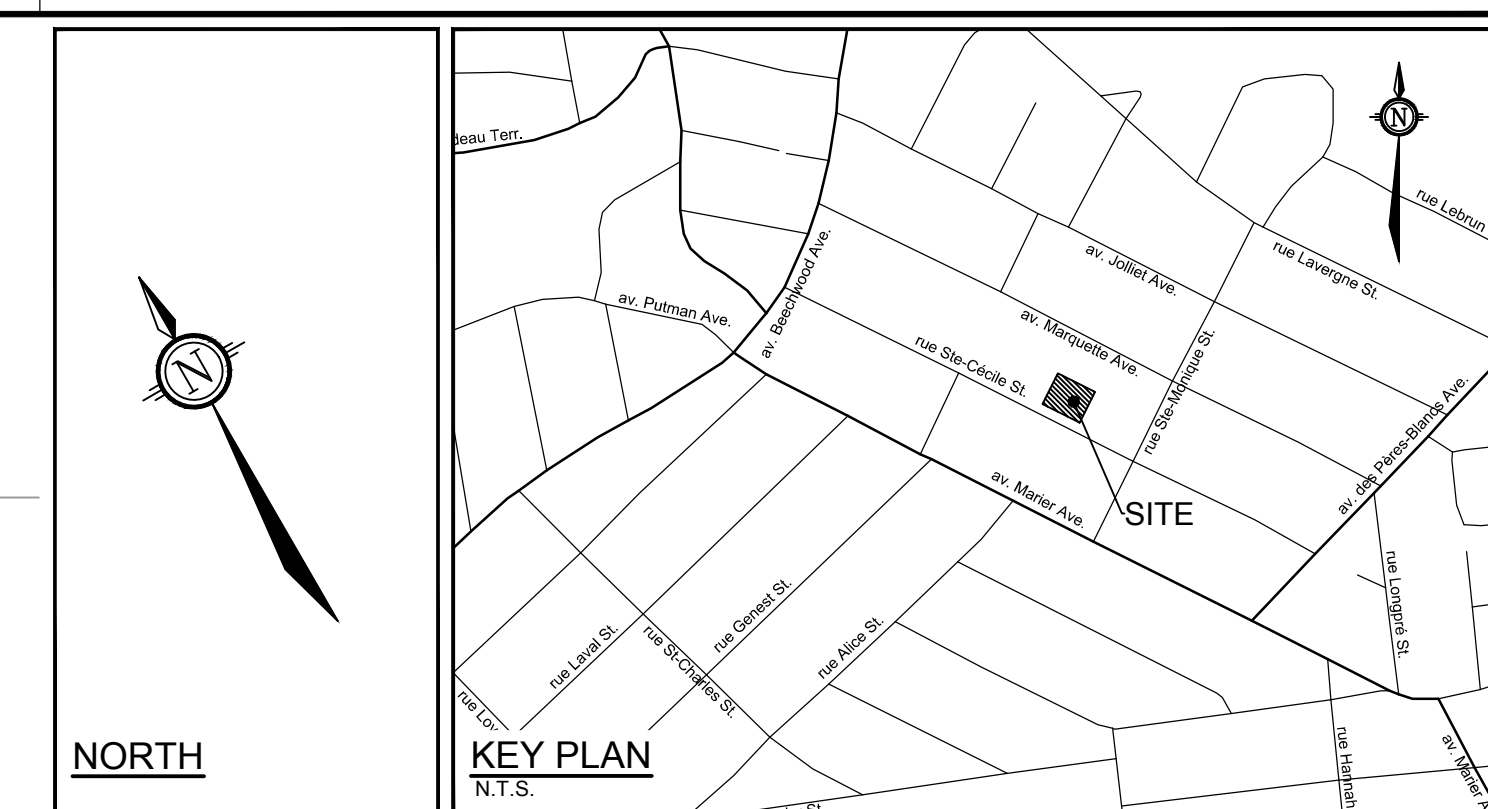


INSULATION DETAIL FOR SHALLOW SEWERS & WATERMAIN

N.T.S.







NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.	OWNER INFORMATION 14072375 CANADA INC. (HENRY INVESTMENTS) 1770 CANAAN ROAD CUMBERLAND, ONTARIO, K4C 1J5					SCALE	DESIGN	FOR REVIEW ONLY		LOCATION CITY OF OTTAWA 73-83 CECIL STREET  DRAWING NAME <b>EXISTING CONDITIONS AND REMOVALS PLAN</b>	PROJECT No.
						1:100	DMM/ZA		<b>NOVATECH</b> Engineers, Planners & Landscape Architects Suite 200, 240 Michael Cowpland Drive Ottawa, Ontario, Canada K2M 1P6  Telephone (613) 254-9643 Facsimile (613) 254-5867 Website www.novatech-eng.com		122167-REM
						CHECKED	MJH				REV
						DRAWN	DMM/ZA				REV #
		4	ISSUED FOR FINAL SITE PLAN APPROVAL	JUN 23/25	MJH	CHECKED	MJH				DRAWING No.
		3	RE-ISSUED FOR SITE PLAN APPLICATION	APR 2/25	MJH	APPROVED	JLS	122167-REM			
		2	RE-ISSUED FOR SITE PLAN APPLICATION	FEB 21/25	MJH						
		1	ISSUED FOR COORDINATION	DEC 17/24	MJH						
	No.	REVISION	DATE	BY							





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14072375 CANADA INC.  
(HENRY INVESTMENTS)  
1770 CANAAN ROAD  
CUMBERLAND, ONTARIO, K4C 1J5

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SCALE

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Facsimile (613) 254-5867  
Website www.novatech-eng.com

REFER TO 122167-ND FOR ADDITIONAL NOTES

LOCATION  
CITY OF OTTAWA  
73-83 CECILE STREET

DRAWING NAME  
GENERAL PLAN OF SERVICES

PROJECT No.

122167

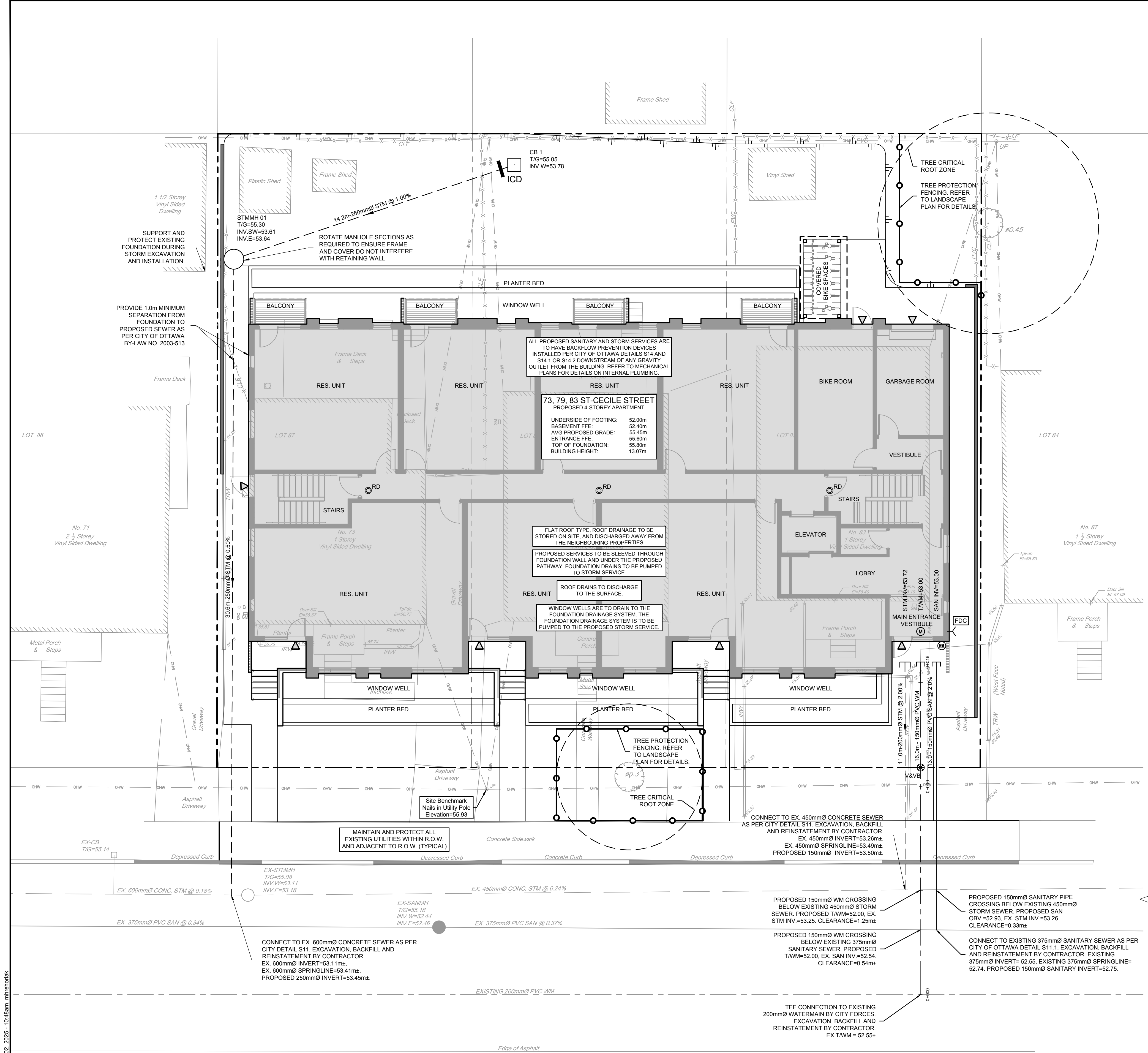
REV

REV # 4

DRAWING No.

122167-GP

PLAN # 19217



LEGEND

- PROPERTY LINE
- PROPOSED SANITARY SEWER
- PROPOSED STORM MANHOLE & SEWER
- PROPOSED CATCHBASIN AND LEAD
- PROPOSED BARRIER CURB
- PROPOSED DEPRESSED CURB
- PROPOSED WATERMAIN AND DIAMETER
- PROPOSED CURB STOP
- PROPOSED CAP
- PROPOSED INLET CONTROL DEVICE
- CONTROLLED FLOW ROOF DRAIN
- PROPOSED BUILDING ENTRANCE
- PROPOSED WATER METER AND REMOTE METER
- PROPOSED GAS METER
- EXISTING CONCRETE CURB
- EXISTING SANITARY MANHOLE AND SEWER
- EXISTING STORM MANHOLE AND SEWER
- EXISTING CATCHBASIN C/W CATCHBASIN LEAD
- EXISTING HYDRANT
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING WATERMAIN
- EXISTING HYDRANT C/W VALVE & LEAD
- EXISTING LIGHT STANDARD
- EXISTING FENCE
- EXISTING OVERHEAD UTILITY WIRES

ROOF DRAIN TABLE: AREA A-2								
AREA ID	ROOF DRAIN No. (WATTS MODEL)	ROOF DRAIN OPENING SETTING	DESIGN FLOW (L/s)			DESIGN HEAD (m)		
			2-YEAR	5-YEAR	100-YEAR	2-YEAR	5-YEAR	100-YEAR
A-2	RD 1 (RD-100-A-ADJ)	CLOSED	0.63 L/s	0.63 L/s	0.63 L/s	102mm	114mm	150mm
A-2	RD 2 (RD-100-A-ADJ)	CLOSED	0.63 L/s	0.63 L/s	0.63 L/s	102mm	114mm	150mm
A-2	RD 3 (RD-100-A-ADJ)	CLOSED	0.63 L/s	0.63 L/s	0.63 L/s	102mm	114mm	150mm

\* REFER TO THE 'DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT' (R-2022-198) PREPARED BY NOVATECH FOR DRAINAGE AREA IDENTIFIERS AND STORMWATER MANAGEMENT DETAILS.  
\*\* ALL CONTROLLED FLOW ROOF DRAINS FOR THE PROPOSED BUILDING TO BE WATTS 'ADJUSTABLE ACCUTROL' ROOF DRAINS.

INLET CONTROL DEVICE - DATA TABLE							
STRUCTURE ID	ICD TYPE	DIAMETER OF OUTLET PIPE (mm)	DESIGN FLOW (L/s)			DESIGN HEAD (m)	
			2-YEAR	5-YEAR	100-YEAR	2-YEAR	5-YEAR
CB 1	TEMPEST LMF 45	250	1.9	2.0	2.1	1.15	1.22

PROPOSED 150mmØ WATER SERVICE TABLE				
STATION	SURFACE ELEVATION	TWM ELEVATION	COMMENTS	
0+000.0	55.32±	52.92±	150mmØ WATER SERVICE CONNECTION TO EX. 200mmØ PVC WM	
0+003.1	55.32±	52.00	CROSS BELOW EX. 375mmØ SAN (CLEARANCE=0.50m±)	
0+005.0	55.32±	52.00	CROSS BELOW EX. 450mmØ STORM (CLEARANCE=0.87m±)	
0+010.9	55.45±	53.00	PROPERTY LINE / STAND POST	
0+016.0	55.55±	53.00	CAP 1.0m FROM FOUNDATION WALL	

\* CONNECTION TO EXISTING 200mmØ PVC WATERMAIN. EXACT LOCATION AND ELEVATION TO BE FIELD DETERMINED.  
PROVIDE THERMAL INSULATION AS PER CITY OF OTTAWA DETAIL W23 AND DETAIL W22 WHERE COVER IS LESS THAN 2.4m AND/OR ADJACENT TO OPEN STRUCTURES.

EX-STMMH  
T/G=55.21  
INV.W=53.37

EX-SANMH  
T/G=55.43  
INV.W=52.75

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SCALE

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DESIGN

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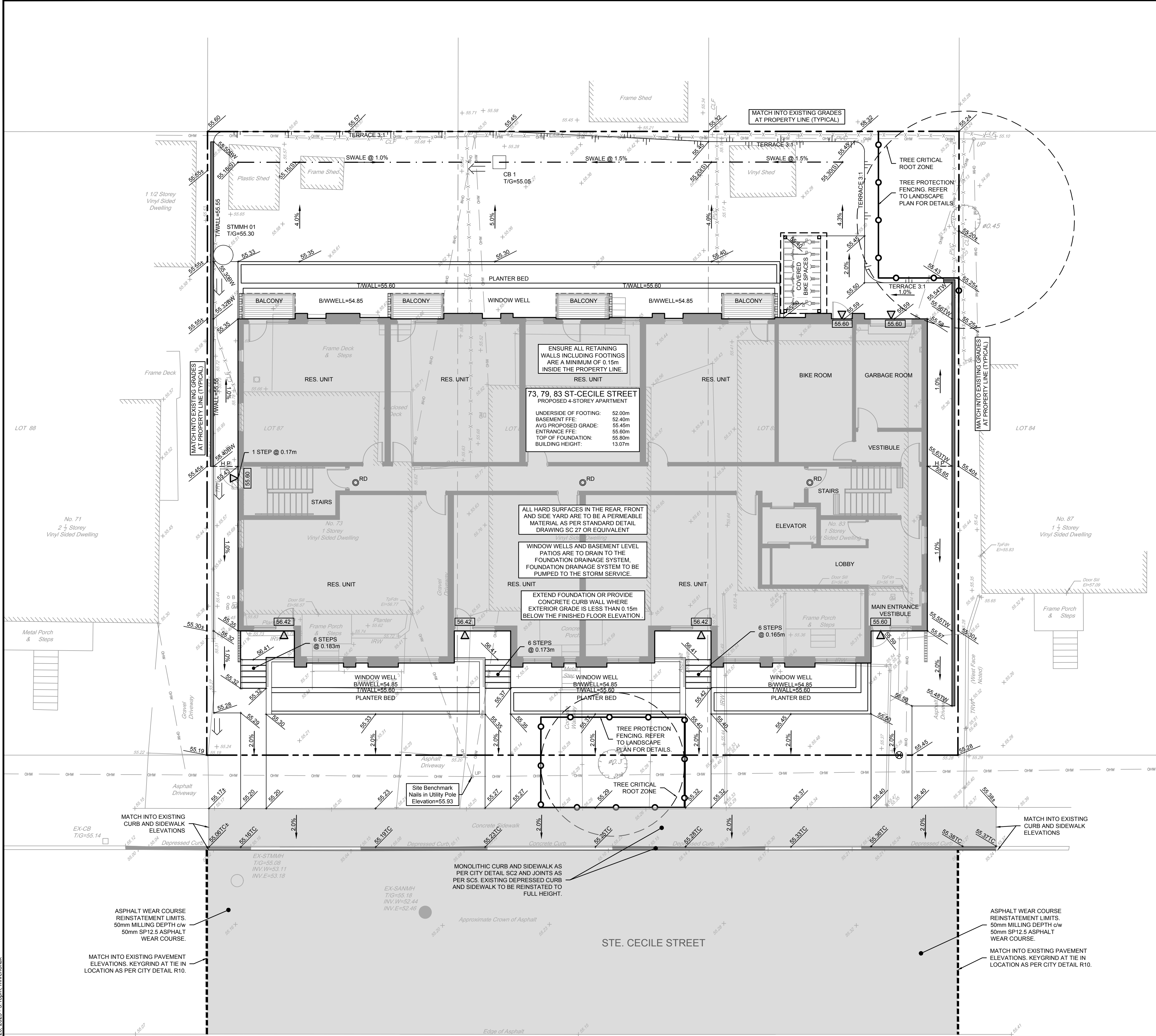
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LOCATION  
CITY OF OTTAWA  
73-83 CECILE STREET

DRAWING NAME  
GRADING PLAN

PROJECT No.  
122167  
REV  
REV # 4  
DRAWING No.  
122167-GR

PLAN # 19217



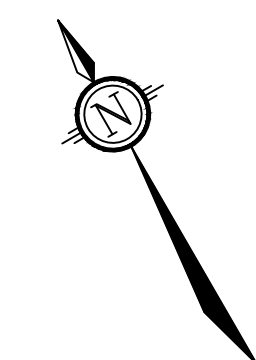
LEGEND

- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED FINISHED FLOOR ELEVATION AT DOORS
- GRADE AND DIRECTION
- MAXIMUM 3:1 SIDESLOPE
- EMERGENCY OVERLAND FLOW ROUTE
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED BARRIER CURB (PER SC1.1)
- PROPOSED DEPRESSIONED CURB (PER SC1.1)
- PROPOSED ROOF DRAIN

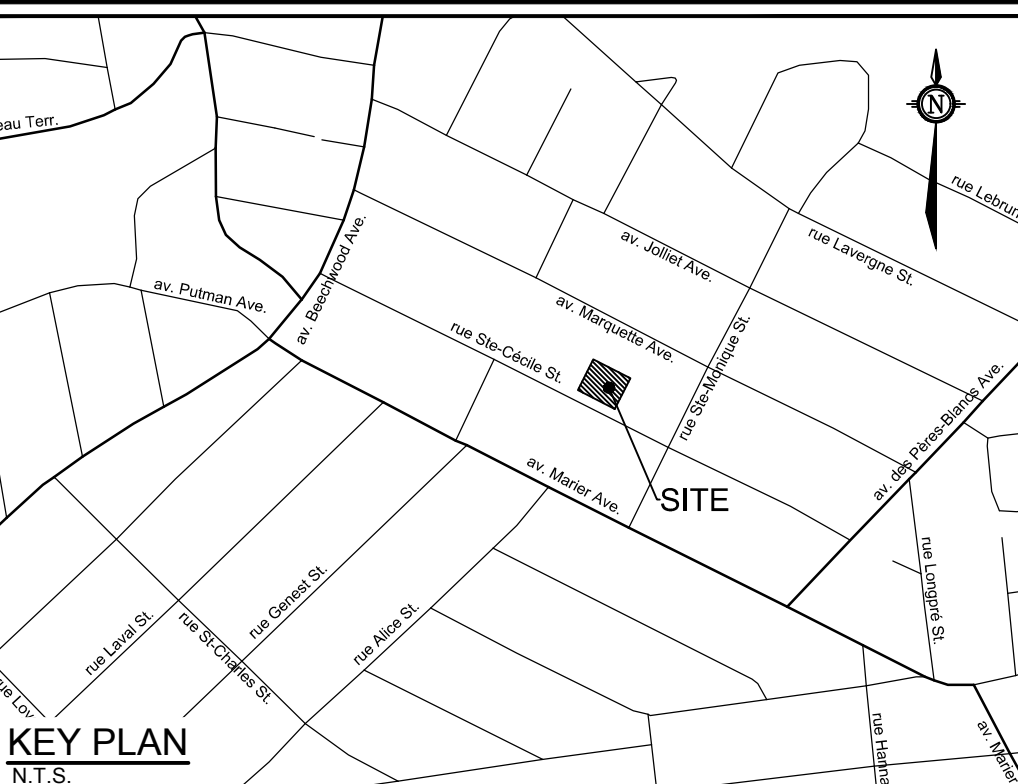
- FFE=94.45
- PROPOSED FINISHED FLOOR ELEVATION
- PROPOSED RETAINING WALL
- PROPOSED BUILDING ENTRANCE
- BALCONIES FROM LEVEL 1-3
- EXISTING CONCRETE CURB
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCHBASIN
- EXISTING TREES / VEGETATION
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING FENCE
- EXISTING LIGHT STANDARD

PAVEMENT STRUCTURES:

- LIGHT DUTY PAVEMENT
- 50mm HL-3 OR SUPERPAVE 12.5
- 150mm GRANULAR "A"
- 300mm GRANULAR "B" TYPE II
- ASPHALT GRADE PG 58-34



KEY PLAN  
N.T.S.



D02-24-0084  
D07-12-24-0177