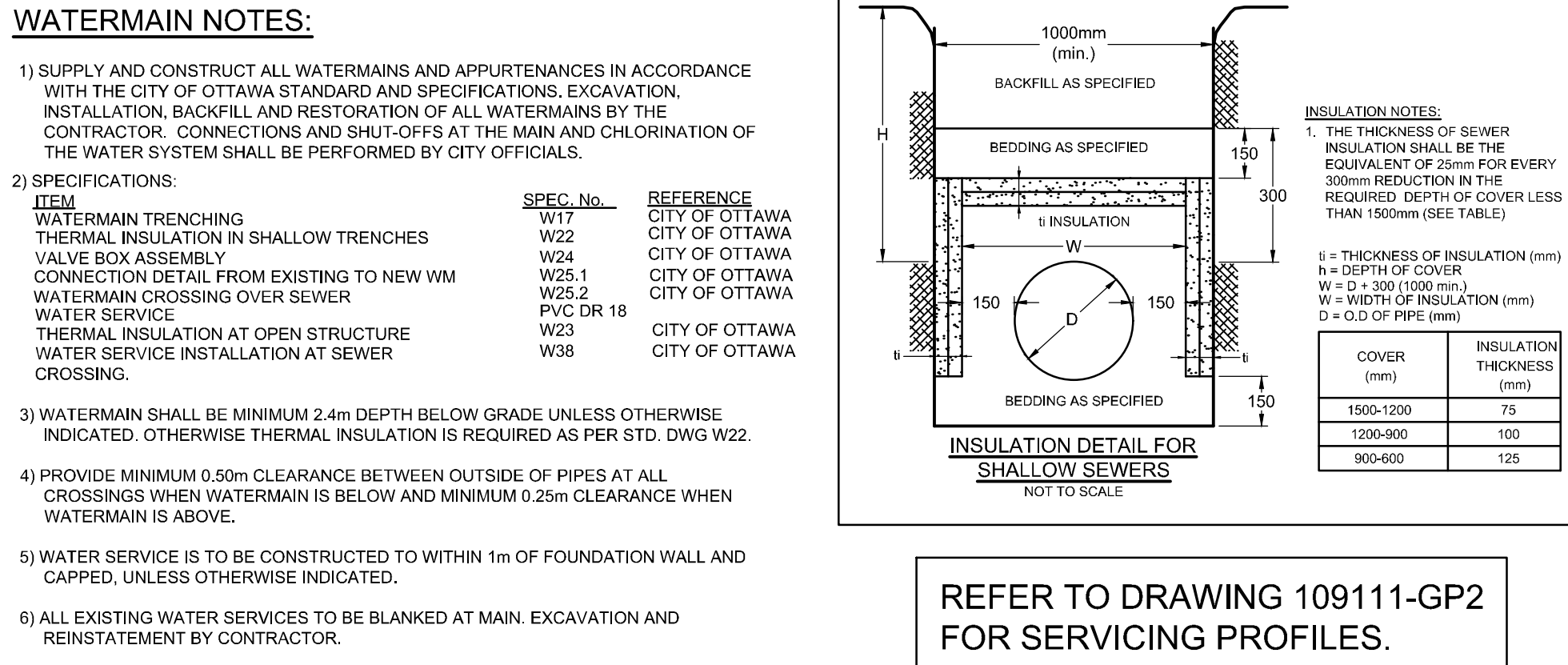


LEGEND	
---	PROPERTY LINE
---	PROPOSED UNDERGROUND BUILDING LIMITS (APPROX.)
---	EXISTING LEGAL ADJACENT
---	PROPOSED WATERMAIN SERVICE CONNECTION (WITH CAP)
---	PROPOSED STORM SERVICE CONNECTION (WITH CAP)
---	PROPOSED SANITARY SERVICE CONNECTION (WITH CAP)
---	PROPOSED FLOW DIRECTION
---	PROPOSED WATER METER
---	PROPOSED STORM / SANITARY TEST PORT
---	PROPOSED REMOTE WATER METER
---	PROPOSED WATERMAIN SHUT OFF VALVE BOX
---	PROPOSED SIAMESE CONNECTION
---	PROPOSED LANDSCAPED CATCHBASIN
---	PROPOSED CATCHBASIN
---	EXISTING SERVICE TO BE ABANDONED
---	PROPOSED BUILDING ENTRANCE / EXIT
---	PROPOSED FINISHED FLOOR ELEVATION
---	PROPOSED TOWER
---	EXISTING STANDARD IRON BAR / CONTROL POINT
---	EXISTING DEPRESSED CURB
---	EXISTING JOINT USE STREET LIGHT
---	EXISTING TRAFFIC LIGHT
---	EXISTING STREET LIGHT
---	EXISTING BELL MANHOLE
---	EXISTING HYDRO MANHOLE
---	EXISTING JOINT TELECOMMUNICATIONS MANHOLE
---	EXISTING ROGERS CABLE MANHOLE
---	EXISTING GAS VALVE
---	EXISTING UNDERGROUND UTILITIES CHAMBER / ATTRA PIPES / HYDRO / ROGERS / TELUS / TRAFFIC
---	EXISTING FIBRE OPTIC CONDUIT
---	EXISTING ROGERS CABLE
---	EXISTING GAS MAIN
---	EXISTING HYDRO CONDUIT
---	EXISTING BELL CONDUIT
---	EXISTING HYDRO / UTILITY POLE
---	EXISTING OVERHEAD WIRE
---	EXISTING OVERHEAD WIRE
---	EXISTING TRAFFIC CONTROL BOX
---	EXISTING VERTICAL TRAFFIC LIGHT DISCONNECT
---	EXISTING TRAFFIC MANHOLE
---	EXISTING ABANDONED INFRASTRUCTURE BELL / GAS / HYDRO / ROGERS / SANITARY / WATERMAIN
---	EXISTING UNDERGROUND SEWERS CHAMBER - COMBINED / SANITARY / STORM
---	EXISTING FLOW DIRECTION OF SEWERS
---	EXISTING COMBINED SEWER
---	EXISTING SANITARY MANHOLE
---	EXISTING STORM MANHOLE
---	EXISTING SANITARY SEWER
---	EXISTING STORM SEWER
---	EXISTING WATERMAIN VALVE CHAMBER
---	EXISTING WATERMAIN SHUT-OFF VALVE BOX
---	EXISTING WATERMAIN
---	EXISTING HYDRANT C/W LEAD & SHUT OFF VALVE BOX

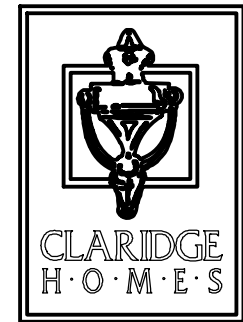
- GENERAL NOTES:**
 - COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
 - DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS 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 \$5,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED.
 - ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARDS AND SPECIFICATIONS AND ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS. ONTARIO PROVINCIAL STANDARDS APPLY WHERE NO CITY STANDARDS ARE AVAILABLE.
 - 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 AND ENGINEER.
 - REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATERIAL AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ANY CONTAMINATED MATERIAL. ALL CONTAMINATED MATERIAL SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
 - ALL ELEVATIONS ARE GEODETIC.
 - REFER TO ARCHITECTS AND LANDSCAPE ARCHITECTS DRAWINGS FOR BUILDING AND HAND SURFACE AREAS AND DIMENSIONS.
 - REFER TO THE DEVELOPMENT SERVING STUDY AND STORMWATER MANAGEMENT REPORT (R-2018-026, PREPARED BY NOVATECH).
 - SAN CUT AND KEY GRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10).
 - PROVIDE LINEPAINTING PAINTING.
 - CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL SERVICING AS-BUILT INFORMATION SHOWN ON THIS PLAN. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZE, LENGTHS, SLOPES, INVERT AND ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, TWM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.
 - REFER TO GEOTECHNICAL REPORT FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS, AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT IS TO REVIEW ON-SITE CONDITIONS AFTER EXCAVATION PRIOR TO PLACEMENT OF THE GRANULAR MATERIAL.
 - ALL PRIVATE APPROACHES MUST BE CONSTRUCTED AS PER CITY SPECIFICATIONS S313.
 - PRIOR TO COMMENCEMENT OF ANY WORKS, CONTRACTOR TO OBTAIN SERVICE LOCATES BY CALLING ONTARIO ONE CALL AT 1-800-400-2255
- 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
SEWER SERVICE CONNECTION - RIGID PIPE	S 11	CITY OF OTTAWA
SEWER SERVICE ABANDONMENT	S 11.4	CITY OF OTTAWA
SEWER TRENCH - BEDDING (GRANULAR A)	OPSD	OPSD
SEWER TRENCH - BEDDING (GRANULAR B)	OPSD	OPSD
SEWER TRENCH - COVER (GRANULAR A OR GRANULAR B TYPE I)	OPSD	OPSD
STORM SERVICE	PVC DR 35	
SANITARY SERVICE	PVC DR 35	
 - INSULATE ALL PIPES (SANISITM) THAT HAVE LESS THAN 1.5m COVER WITH HI-40 INSULATION PER INSULATION DETAIL FOR SHALLOW SEWERS. PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION.
 - SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING AT A MINIMUM SLOPE OF 1.0%.
 - PIPE BEDDING, COVER AND BACKFILL ARE TO BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY. THE USE OF CLEAR CRUSHED STONE AS A BEDDING LAYER SHALL NOT BE PERMITTED.
 - FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTING PIPES TO MANHOLES (FOR EXAMPLE KORAN-SEAL, PSX, POSITIVE SEAL AND DURASEAL). THE CONCRETE CRACKLE FOR THE PIPE CAN BE ELIMINATED.
 - 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 OPSDS 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 STORM AND SANITARY SERVICE LATERALS SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES AS PER THE CITY OF OTTAWA STANDARDS DETAILS S14 AND S14.1 OR S14.2. FULL PORT BACKFLOW VALVES ARE REQUIRED ON ALL SANITARY SERVICES AND ARE TO BE INSTALLED AS PER THE MANUFACTURERS RECOMMENDATIONS.
 - CONTRACTOR TO TELEVIEW (CCTV) ALL PROPOSED SEWERS/LATERALS PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
 - ALL EXISTING SANITARY AND STORM SERVICES ARE TO BE CAPPED AT THE PROPERTY LINE TO THE SATISFACTION OF THE CITY OF OTTAWA'S SEWER OPERATION.



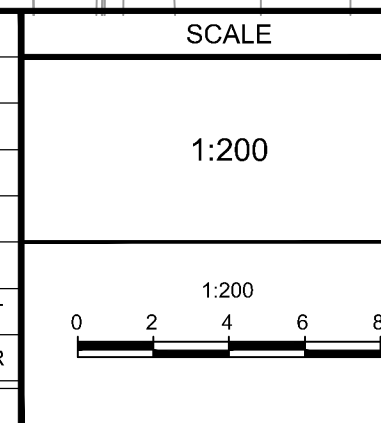
NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

CLARIDGE HOMES
CLARIDGE HOMES SUITE 2001,
210 GLADSTONE AVENUE,
OTTAWA, ONTARIO
K2P 0Y6.



NOT FOR CONSTRUCTION

REVISION		DATE		BY	
2.	ISSUED WITH DSS & SWM REPORT	AUG 15 / 2018	FST		
1.	ISSUED WITH SITE PLAN APPLICATION	OCT 18 / 2013	JGR		
No.	REVISION	DATE	BY		



DESIGN		FOR REVIEW ONLY	
CHECKED	LGB/FST	CHECKED	GJM/FST
DRAWN	MWC/LGB	CHECKED	GJM/FST
APPROVED	GJM	APPROVED	GJM



LOCATION CITY OF OTTAWA 383 ALBERT STREET / 340 QUEEN STREET ALBERT AND LYON STREET DEVELOPMENT		PROJECT No. 109111	
DRAWING NAME GENERAL PLAN OF SERVICES		REV # 2	
		109111-GP1	