GENERAL NOTES

1. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS), WHERE APPLICABLE.
2. THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LOCATION AND STATUS OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION OF PLANT AND EQUIPMENT FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
3. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING SERVICES PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL CONFIRM LOCATIONS AND ELEVATIONS OF EXISTING SERVICES AND STRUCTURES TO BE CONNECTED TO AND EXISTING SERVICES THAT MAY BE DAMAGED OR CAUSE CONFLICTS PRIOR TO CONSTRUCTION OF ANY NEW SEWER, WATER AND/OR STORM WATER WORKS. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES, INTERPRETATIONS, CHANGES AND ADDITIONS TO THESE DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHEN NOTED AND BEFORE PROCEEDING WITH CONSTRUCTION WORKS. DO NOT CONTINUE CONSTRUCTION IN AREAS WHERE DISCREPANCIES APPEAR UNTIL SUCH DISCREPANCIES HAVE BEEN RESOLVED.
4. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED. ALL DRAWINGS SHOULD NOT BE SCALED BY THE CONTRACTOR. ANY MISSING OR QUESTIONABLE DIMENSIONS ARE TO BE CONFIRMED WITH THE ENGINEER IN WRITING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND BEAR COST OF THE SAME.
6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS", THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND REINSTATEMENT OF ALL AREAS DISTURBED DURING CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER, THE CITY OF OTTAWA AND THE AUTHORITY HAVING JURSIDICTION.
8. ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTOR'S EXPENSE.
9. THE CONTRACTOR SHALL COMPLY WITH THE CITY OF OTTAWA REQUIREMENTS FOR TRAFFIC CONTROL WHEN WORKING ON CITY STREETS. ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE M.T.O. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST AMENDMENT).
10. THE SUPPORT OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
11. THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS WRITTEN APPROVAL BY THE ENGINEER HAS BEEN OBTAINED.
12. EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE.
13. THE SITE LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR. AS-BUILT SITE SERVICING & GRADING DRAWINGS SHALL BE MAINTAINED ON SITE BY THE CONTRACTOR.
14. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT.
15. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL INVESTIGATION REPORT PREPARED BY PATERSON GROUP, DATED JANUARY 3, 2019, REPORT NO. PG 4184-1.
16. THE CONTRACTOR SHALL APPRAISE HIS/HER SELF OF ALL SURFACE AND SUBSURFACE CONDITIONS TO BE ENCOUNTERED AND SHALL CARRY OUT THEIR OWN TEST PITS AS REQUIRED TO MAKE THEIR OWN INDEPENDENT ASSESSMENT OF GROUND CONDITIONS. THE CONTRACTOR SHALL NOT MAKE ANY CLAIM FOR ANY EXTRA COST DUE TO ANY SUCH GROUND CONDITIONS VARYING FROM THOSE ANTICIPATED BY THE CONTRACTOR.
17. DO NOT CONSTRUCT USING DRAWINGS THAT ARE NOT MARKED "ISSUED FOR CONSTRUCTION".
18. FOR TOPOGRAPHICAL INFORMATION REFER TO PLAN PREPARED BY FARLEY, SMITH & DENIS SURVEYING LTD. DATED MARCH 16, 2018.
19. CIVIL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, STRUCTURAL, LANDSCAPE AND LEGAL DRAWINGS.
20. A SCHEMATIC DIAGRAM, INCLUDING PROPOSED ELEVATIONS, WITH DETAILS OF THE PROPOSED FOUNDATION DRAINS, STORM LATERAL CONNECTIONS AND INTERNAL MECHANICAL PUMPS, ETC. SHALL BE PREPARED BY THE MECHANICAL CONSULTANT, PRIOR TO REGISTRATION.
21. DUE TO THE PROXIMITY OF THE 1220mm DIAMETER WATERMAIN WITHIN THE BASELINE ROAD RIGHT OF WAY, UNDER NO CIRCUMSTANCES SHALL BLASTING BE PROVIDED AS PART OF THE EXCAVATION PROTOCOL.
22. SEWER AND WATERMAIN TRENCHES TO HAVE CLAY SEALS INSTALLED AS NOTED IN THE GEOTECHNICAL REPORT. CLAY SEALS TO BE AS PER CITY OF OTTAWA STANDARDS S8. CLAY SEAL, SHALL BE 1.5m LONG AND EXTEND FROM THE FROST LINE FULLY PENETRATE THE BEDDING, SUB-BEDDING AND COVER MATERIAL.

SANITARY SEWER NOTES:

1. ALL SANITARY SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS).
2. ALL SANITARY SEWERS SHALL BE PVC SDR 35, IPEX "RING-TITE" (OR EQUIVALENT), AS PER CSA STANDARD 8182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE NOTED.
3. SANITARY SEWER TRENCH AND BEDDING SHALL BE AS PER CITY OF OTTAWA STD. S6 AND S7, CLASS 'B BEDDING UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL CONDUCT CCTV INSPECTION OF ALL NEWLY INSTALLED SANITARY SEWERS AND EXISTING SEWERS CONNECTED TO. THE TEST SHALL BE PERFORMED IMMEDIATELY AFTER SEWERS INSTALLED.
5. THE CONTRACTOR SHALL CONSTRUCT FLEXIBLE SANITARY SEWERS IN ACCORDANCE WITH OPSD 802.010 AND 802.013. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT THE PIPES FROM HEAVY CONSTRUCTION EQUIPMENT. BEDDING AND BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% SPMDD.
6. ALL ABANDONED EXISTING SEWERS TO BE CAPPED AT THE PROPERTY LINE TO THE SATISFACTION OF THE CITY OF OTTAWA'S SEWER OPERATIONS.
7. ALL SANITARY BUILDING CONNECTIONS TO BE EQUIPPED WITH A SANITARY BACKWATER VALVE. REFER TO MECHANICAL DRAWINGS.
8. WITHIN THE FROST ZONE, THE BACKFILL IN THE SERVICE TRENCHES SHOULD MATCH THE SOIL ON SIDES TO MINIMIZE DIFFERENTIAL FROST HEAVING IN THE SUBGRADE.
9. ALL UNDERGROUND PARKING FLOOR DRAINAGE IS TO BE DIRECTED TO THE SANITARY SEWER AS PER THE CITY OF OTTAWA SEWER DESIGN GUIDE LINES, CLAUSE 6.1.10.

STORM SEWER NOTES:

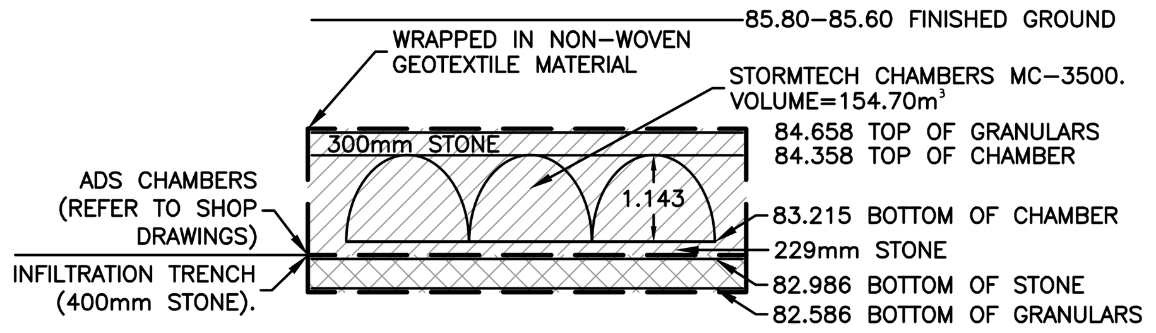
1. ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS).
2. ALL PVC STORM SEWERS ARE TO BE SDR 35 APPROVED PER C.S.A. B182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE SPECIFIED.
3. THE CONTRACTOR SHALL CONSTRUCT FLEXIBLE STORM SEWERS IN ACCORDANCE WITH OPSD 802.010 AND 802.013. DURING CONSTRUCTION THE CONTRACTOR SHALL PROTECT THE PIPES FROM HEAVY CONSTRUCTION EQUIPMENT. BEDDING AND BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% SPMDD.
4. SEWER BEDDING AS PER CITY STANDARD S6 & S7..
5. ALL ABANDONED EXISTING SEWERS TO BE CAPPED AT THE PROPERTY LINE TO THE SATISFACTION OF THE CITY OF OTTAWA'S SEWER OPERATIONS.
6. WITHIN THE FROST ZONE, THE BACKFILL IN THE SERVICE TRENCHES SHOULD MATCH THE SOIL ON SIDES TO MINIMIZE DIFFERENTIAL FROST HEAVING IN THE SUBGRADE.
7. ALL STORM SERVICES TO BE EQUIPPED WITH APPROVED BACKWATER VALVES. REFER TO MECHANICAL DRAWINGS.
8. THE CONTRACTOR SHALL CONDUCT CCTV INSPECTION OF ALL NEWLY INSTALLED STORM SEWERS AND EXISTING SEWERS CONNECTED TO. THE TEST SHALL BE PERFORMED IMMEDIATELY AFTER SEWERS INSTALLED.

WATERMAIN NOTES:

1. ALL WATERMAIN MATERIALS AND INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVICIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS).
2. NO WORK SHALL COMMENCE UNLESS A CITY WATER WORKS INSPECTOR IS ON SITE. WATERMAIN CONNECTIONS BY CITY OF OTTAWA FORCES WITH ALL EXCAVATION BACKFILL AND ROAD REINSTATEMENT BY CONTRACTOR.
3. WATERMAINS TRENCH AND BEDDING SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W17, UNLESS OTHERWISE SPECIFIED. BEDDING AND COVER MATERIAL SHALL BE SPECIFIED BY PROJECT GEOTECHNICAL ENGINEER.
4. CATHODIC PROTECTION IS REQUIRED ON ALL METALLIC FITTINGS AS PER CITY OF OTTAWA STD. W40. ALL ANODES SHALL BE A Z-24-48 AS PER CITY OF OTTAWA STD. W44.
5. ALL WATERMAINS TO BE INSTALLED AT MINIMUM COVER OF 2.4m.
6. IF WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS LESS THAN HALF THAT RECOMMENDED BY THE MANUFACTURER.
7. DISINFECTION AND TESTING OF WATERMAIN TO BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS.
8. WATER METER TO BE INSTALLED AS PER W32.
9. INSULATION FOR WATERMAIN CROSSING OVER AND BELOW SEWER SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. W25.2 AND W25, RESPECTIVELY, WHERE WATERMAN COVER IS LESS THAN 2.4m.

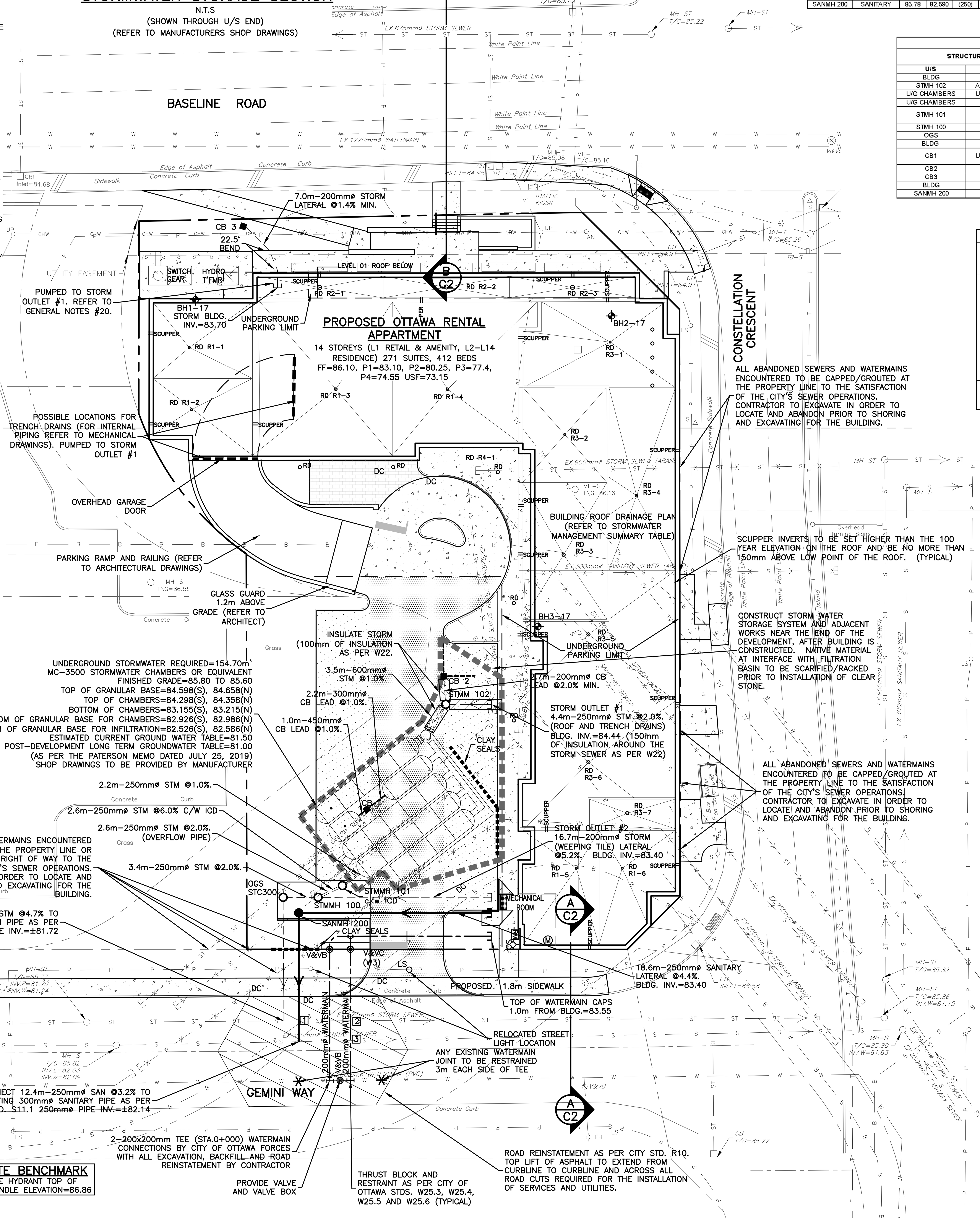
ROAD NOTES:

1. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. R10 AND OPSD 509.010, OPSS 310.
2. GRANULAR "A" SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREA.
3. ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
4. PAVEMENT STRUCTURE:
   PARKING AREAS:
   - 50mm SUPERPAVE 12.5 ASPHALTIC CONCRETE
   - 150mm GRANULAR "A" CRUSHED LIMESTONE (OPSS 1010)
   - 300mm GRANULAR "B" TYPE II (OPSS 1010)
   PAVEMENT DESIGN TYPE:
   ACCESS LANES AND HEAVY DUTY AREA:
   - 40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE
   - 50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE
   - 150mm GRANULAR "A" CRUSHED LIMESTONE (OPSS 1010)
   - 450mm GRANULAR "B" TYPE II (OPSS 1010)
   GEMINI WAY:
   - 40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE
   - 50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE
   - 150mm GRANULAR "A" CRUSHED LIMESTONE (OPSS 1010)
   - 450mm GRANULAR "B" TYPE II (OPSS 1010)



TYPICAL UNDERGROUND STORMWATER STORAGE SECTION

N.T.S
(SHOWN THROUGH U/S END)
(REFER TO MANUFACTURERS SHOP DRAWINGS)



STRUCTURE TABLE

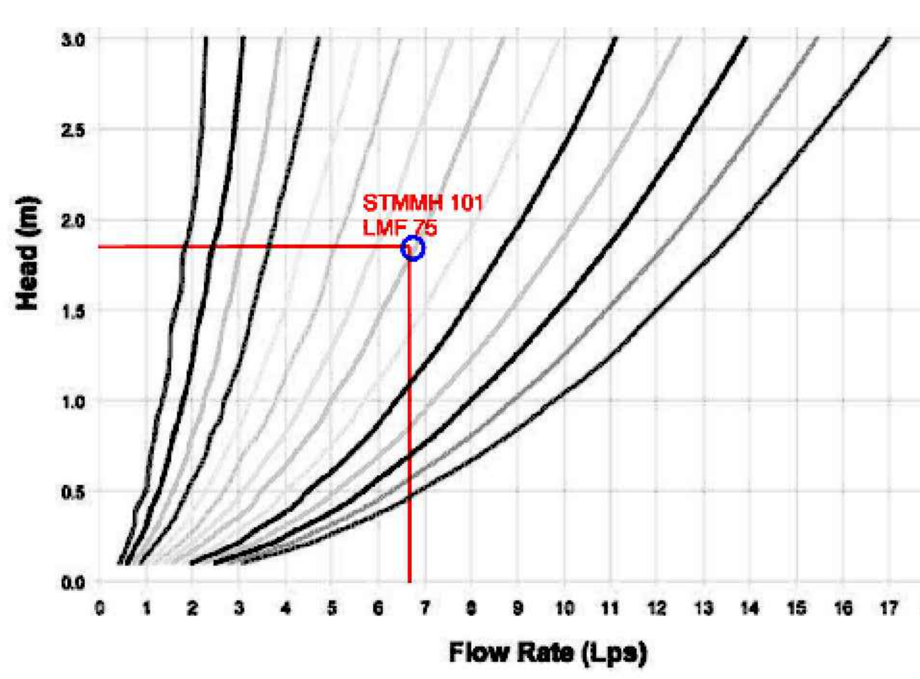
STRUCTURE NUMBER	TYPE	LID ELEV (m)	INVERT IN (m) and DIA (mm)		INVERT OUT (m) and DIA (mm)		STRUCTURE SIZE	STRUCTURE REFERENCE	STRUCTURE FRAME	STRUCTURE COVER	Comment
STMH 100	STORM	85.77	82.931 84.610 82.540	(250) (250) (200)	82.401	(250)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	From MH 101 Overflow pipe from MH 101 200mm storm sewer from building
STMH 101	STORM	85.75	83.133	(250)	83.087	(250)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	250mm storm sewer from chambers
STMH 102	STORM	85.72	84.352 84.358	(250) (200)	82.250	(600)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	Cover to have two (2) 25mm dia. holes for air release. No rubber plugs.
CB1	STORM	85.60			83.880 83.180	(300) (450)	600 X 600	OPSD 705.010	Ottawa S19	Ottawa S19	
CB2	STORM	85.70			84.412	(200)	600 X 600	OPSD 705.010	Ottawa S19	Ottawa S19	
CB3	STORM	85.20			83.800	(200)	600 X 600	OPSD 705.010	Ottawa S19	Ottawa S19	
OGS	OIL/GRIT SEP	85.78	82.333	(250)	82.273	(250)	1200 DIA	STORMCEPTOR STC 300i	Custom	Custom	
SANMH 200	SANITARY	85.78	82.590	(250)	82.530	(250)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24	

SEWER TABLE

STRUCTURE U/S	STRUCTURE D/S	TYPE	INVERT ELEV (m) U/S	INVERT ELEV (m) D/S	NOMINAL DIA. (mm)	LENGTH (m)	Type	Class	Comment
BLDG	STMH 102	STORM	84.440	84.352	250	4.4	PVC	PVC DR35	
STMH 102	ADS - DrainBasin	STORM	83.250	83.215	600	3.5	PVC	PVC DR35	
U/G CHAMBERS	U/G CHAMBERS	STORM	83.215	83.155	1143 arch	12.0	POLY		
U/G CHAMBERS	STMH 101	STORM	83.155	83.133	250	2.2	POLY		
STMH 101	STMH 100	STORM	84.658	84.610	250	2.6	PVC	PVC DR35	Overflow pipe
			83.087	82.931	250	2.6	PVC	PVC DR35	Inlet control device
STMH 100	OGS	STORM	82.401	82.333	250	3.4	PVC	PVC DR35	
OGS	MAIN SEWER	STORM	82.273	81.720	250	11.9	PVC	PVC DR35	
BLDG	STMH 100	STORM	83.400	82.540	200	16.7	PVC	PVC DR35	
CB1	U/G CHAMBERS	STORM	83.880	83.858	300	2.2	POLY		
			83.190	83.180	450	1.0	POLY		
CB2	STMH 102	STORM	84.412	84.358	200	2.7	PVC	PVC DR35	
CB3	BLDG	STORM	83.800	83.700	200	9.0	PVC	PVC DR35	
BLDG	SANMH 200	SANITARY	83.400	82.590	250	18.6	PVC	PVC DR35	
SANMH 200	MAIN SEWER	SANITARY	82.530	82.140	250	12.4	PVC	PVC DR35	

STORMWATER MANAGEMENT SUMMARY TABLE

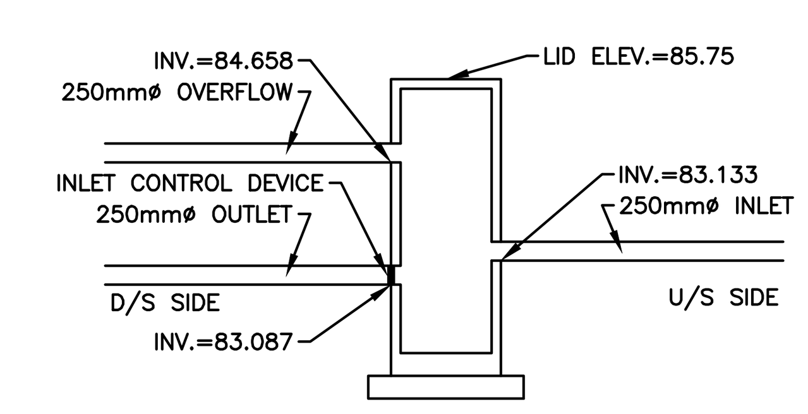
Control Location	Post-Dev Area No.	Max Flow (L/sec)	Max Head (m)	Type	Model	Number of Drains	Weir Position
Roof	R1-1 to R1-4,	No weirs (6 drains)					
	R2-1, R2-2						
	R2-3, R2-4, R2-7toR4-1, R4-3 to R6-1	Full Flow	0.15	Flow Controlled Roof Drain	WATTS-ACCUTROL	15	Closed Position
	R2-5, R2-6	30GPM	0.15	Flow Controlled Roof Drain	WATTS-ACCUTROL	2	Full Position
	R4-2	1.26 each (or 20gpm)	0.15	Flow Controlled Roof Drain	WATTS-ACCUTROL	1	50% Position
STMH101	PST-1A to PST-1E	6.6	1.67	IPEX Tempest Inlet Control Device	IPEX LMF-75	n/a	n/a



ROOF PONDING TABLE

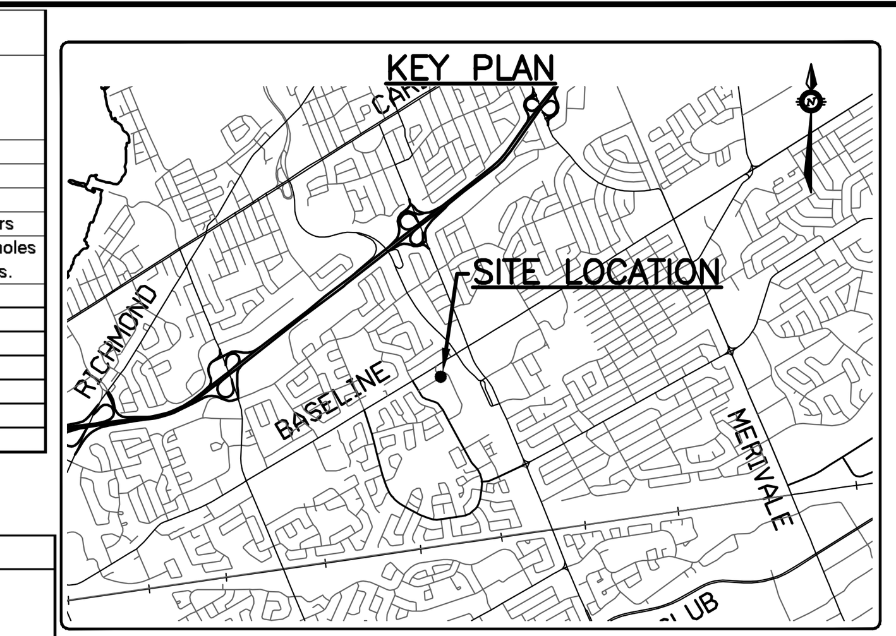
Area #	100-year Ponding Depth (mm)	Weir Type	No of Weirs per Drain	Weir Position
L1-1	116	WATTS ACCUTROL	1	Closed
L1-2	114	WATTS ACCUTROL	1	Closed
L1-3	119	WATTS ACCUTROL	1	Closed
L7-1	105	WATTS ACCUTROL	1	Closed
L7-2	107	WATTS ACCUTROL	1	Closed
L7-3	144	WATTS ACCUTROL	1	Closed
L7-4	142	WATTS ACCUTROL	1	Closed
L14-1	0	None	no weir	None
L14-2	0	None	no weir	None
L15-1	135	WATTS ACCUTROL	1	1/2 open
L15-2	134	WATTS ACCUTROL	1	1/2 open
L15-3	64	WATTS ACCUTROL	1	1/2 open
L15-4	128	WATTS ACCUTROL	1	1/2 open
L15-5	64	WATTS ACCUTROL	1	1/2 open
L15-6	93	WATTS ACCUTROL	1	1/2 open
L15-7	128	WATTS ACCUTROL	1	1/2 open
L16-1	0	None	no weir	None

* SCUPPER INVERTS TO BE SET HIGHER THAN 100 YEAR PONDING DEPTHS.



STORM MANHOLE 101

N.T.S



EXISTING LEGEND

- SURVEY MONUMENT PLANTED
- SURVEY MONUMENT FOUND
- OHW — OVERHEAD WIRES
- UP — UTILITY POLE
- LS — LIGHT STANDARD
- CB — CATCH BASIN
- T/G — TOP OF GRATE
- GM — GAS METER
- TB-T — TRAFFIC CONTROL BOX
- GAS — GAS MAIN
- C — COMMUNICATIONS
- TV — TELEVISION
- B — BELL TELEPHONE
- P — POWER
- T, MH-T — TRAFFIC AND MANHOLE
- ST, MH-ST — STORM SEWER AND MANHOLE
- S, MH-S — SANITARY SEWER AND MANHOLE
- W, V&VB — WATERMAIN AND VALVE AND VALVE BOX
- FH — FIRE HYDRANT
- ST — ABANDONED STORM SEWER
- S — ABANDONED SANITARY SEWER
- W — ABANDONED WATERMAIN
- EXISTING TREES/SHRUBS
- B — BOLLARD
- BF — BOARD FENCE
- WRW — WOODEN RETAINING WALL
- C/L — CENTRELINE

PROPOSED LEGEND

- PROPERTY LINE
- 250mmø SAN — PROPOSED SANITARY SEWER
- 250mmø STM — PROPOSED STORM SEWER
- SANMH 200 — PROPOSED SANITARY MANHOLE
- STMMH 100 — PROPOSED STORM MANHOLE
- OGS — PROPOSED OIL GRIT SEPARATOR
- CB1 — PROPOSED CATCHBASIN c/w 150mmø SUBDRAIN (3.0m EACH DIRECTION)
- RD — PROPOSED ROOF DRAIN
- WATERMAIN — PROPOSED WATERMAIN
- CLAY SEALS
- V&VB — PROPOSED WATER VALVE & VALVE BOX
- M — PROPOSED WATER METER
- RM — PROPOSED REMOTE WATER METER
- SC — PROPOSED SIAMESE CONNECTION
- FF / USF — FINISHED FLOOR ELEVATION / UNDERSIDE OF FOOTING ELEVATION
- P1 — PARKING LEVEL 1
- T/G= — TOP OF GRATE
- ICD — INLET CONTROL DEVICE
- PROPOSED BUILDING ENTRY/EXIT
- BH1–17 — BOREHOLE LOCATION AND NUMBER

WATERMAIN / SEWER CROSSING TABLE

LOCATION	FINISHED GRADE (m)	SANITARY SEWER INV ELEV (m)	SANITARY SEWER DIA (mm)	SANITARY SEWER OBV ELEV (m)	STORM SEWER INV ELEV (m)	STORM SEWER DIA (mm)	STORM SEWER OBV ELEV (m)	WATERMAIN INV ELEV (m)	WATERMAIN DIA (mm)	WATERMAIN OBV ELEV (m)	CLEARANCES (mm)
1	85.73	82.30	250	82.55	81.19	ex. 675	81.87				430mm (San Above)
2	85.73				81.18	ex. 675	81.86	83.21	200	83.41	1350mm (Water Above)
3	89.43	81.97	ex. 300	82.27				83.21	200	83.41	940mm (Water Above)

WATERMAIN TABLE

STATION	DESCRIPTION	GROUND ELEVATION (m)	TOP OF WATERMAIN. ELEV (m) PROPOSED (m)	TOP OF WATERMAIN. ELEV (m) AS-BUILT (m)
0+000	200x200 TEE	85.86	83.46	
	200x200 TEE	85.86	83.46	
	200 VALVE & VALVE BOX	85.86	83.46	
0+003.8	CROSSING SANITARY SEWER	85.81	83.41	
0+005.8	CROSSING STORM SEWER	85.81	83.41	
0+012.6	200 VALVE AND VALVE BOX	85.80	83.40	
	200 VALVE AND VALVE CHAMBER (W3)			
0+013.4	45-DEG BEND	85.80	83.40	
0+014.1	45-DEG BEND	85.80	83.40	
0+015.6	200 X 200 TEE	85.80	83.40	
0+013.8	2 - 45 BENDS AND 1- T CONNECTION	85.79	83.39	
0+029.2	CAP - 1M FROM BUILDING	85.95	83.55	

CAUTION

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.

REV	REVISION DESCRIPTION	DATE	BY	APPD
12	ISSUED FOR APPROVAL	12/04/24	SAB	BMT
11	PROPERTY LINE/PARKING UPDATES	24/11/23	SAB	BMT
10	REMOVED SEATING WALL ALONG CONSTELLATION CRESCENT	17/12/20	SAB	BMT
9	ISSUED FOR BUILDING PERMIT	25/06/20	SAB	BMT
8	UPDATED TO RENTAL UNITS	12/12/19	MZG	BMT
7	REVISED AS PER CITY COMMENTS	23/09/19	SAB	BMT
6	REVISED AS PER CITY COMMENTS	02/08/19	SAB	BMT
5	REVISED AS PER CITY COMMENTS	14/06/19	SAB	BMT
4	REVISED AS PER CITY COMMENTS	28/03/19	SAB	BMT
3	RE-ISSUED FOR SITE PLAN APPROVAL	18/12/18	SAB	BMT
2	ISSUED FOR SITE PLAN APPROVAL	24/05/18	SAB	BMT
1	ISSUED FOR CLIENT REVIEW	23/05/18	SAB	BMT

SCALE: 0 2m 4m 10m HORIZONTAL 1:250

DESIGNED BY: LICENSED PROFESSIONAL ENGINEER J.L. FITZPATRICK 2024-04-12 PROVINCE OF ONTARIO

REVIEWED BY: LICENSED PROFESSIONAL ENGINEER B. M. THOMAS 2024-04-12 PROVINCE OF ONTARIO

CLIENT: BASELINE CONSTELLATION PARTNERSHIP INC.
THEBERGE HOMES, 904 LADY ELLEN PLACE, OTTAWA, ON. K1Z 5L5
MASTERCRAFT STARWOOD, 115 CHAMPAGNE AVE. SOUTH, OTTAWA, ON. K1S 5V5

exp Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7330
2650 Queensview Drive, Unit 100
Ottawa, ON K2B 8H6
Canada
www.exp.com
• BUILDINGS • EARTH & ENVIRONMENT • ENERGY • INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

BASEPLAN: SAB | DESIGN: JLF | CHECKED: BMT | CAD: SAB | PROJECT MANAGER: BMT | APPROVED: BMT

PROJECT: OTTAWA RENTAL APARTMENT
2140 BASELINE ROAD
OTTAWA, ONTARIO.

TITLE: SITE SERVICING PLAN

PROJECT No.: OTT–00245012–A0
SURVEY: FSD
DATE: APRIL 2018
DRAWING No.: C1

D07-12-18-0084

#17709

Filename: p:\projects\civil\245000\ott-00245012-a0 - 2140 baseline road - theberge\60-execution\64-dwg\245012-c1-serv.dwg
Last Saved: 4/12/2024 1:01:49 PM Last Plotted: 4/12/2024 4:57:46 PM Plotted by: butlers
Pen Table: exp-64.ctb
References: xref-Keyplan.dwg; xref-TOPO-FSD.dwg; xref-ARCH.dwg