INLET CONTROL DEVICE 1 DATA TABLE - AREA A-6

DESIGN EVENT	ICD TYPE (PLUG TYPE)	OUTLET STRUCTURE	DIAMETER OF OUTLET PIPE (mm)	PEAK DESIGN FLOW (L/s)	DESIGN HEAD (m)	WATER ELEVATION (m)	VOLUME (m^3)	AVAILABLE STORAGE
1:2 YR	IPEX TEMPEST VORTEX LMF ICD 105	1200mmØ STMMH 102	250mmØ PVC	11.0	1.22	96.32	21.4	73.4 m^3
1:5 YR				14.7	2.18	97.28	28.9	
1:100 YR				15.1	2.29	97.39	70.5	

INLET CONTROL DEVICE 2 DATA TABLE - AREA A-7

DESIGN EVENT	ICD TYPE (PLUG TYPE)	OUTLET STRUCTURE	DIAMETER OF OUTLET PIPE (mm)	PEAK DESIGN FLOW (L/s)	DESIGN HEAD (m)	WATER ELEVATION (m)	VOLUME (m^3)	AVAILABLE STORAGE
1:2 YR	CIRCULAR PLUG TYPE 91mm ORIFICE	1500mmØ CBMH-3	250mmØ PVC	25.8	2.08	97.20	39.4	156.3 m^3
1:5 YR				31.0	3.00	98.12	56.3	
1:100 YR				31.7	3.17	98.29	137.5	

INLET CONTROL DEVICE 3 DATA TABLE - AREA A-8

DESIGN EVENT	ICD TYPE (PLUG TYPE)	OUTLET STRUCTURE	DIAMETER OF OUTLET PIPE (mm)	PEAK DESIGN FLOW (L/s)	DESIGN HEAD (m)	WATER ELEVATION (m)	VOLUME (m^3)	AVAILABLE STORAGE
1:2 YR	CIRCULAR PLUG TYPE 226mm ORIFICE	1800mmØ CBMH-6	300mmØ PVC	92.0	0.70	96.14	28.7	89.7 m^3
1:5 YR				111.7	1.03	96.47	42.8	
1:100 YR				189.5	2.96	98.40	89.4	

ROOF DRAIN TABLE: AREA R-1 (FOR DRAINS RD A1 to RD A6)

AREA ID *	ROOF DRAIN No. (WATTS MODEL)	WEIR SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
R-1	RD A1 (RD-100-A-ADJ)	3/4 EXPOSED	1.34 L/s	12 cm	1.58 L/s	15 cm
R-1	RD A2 (RD-100-A-ADJ)	3/4 EXPOSED	1.10 L/s	11 cm	1.34 L/s	14 cm
R-1	RD A3 (RD-100-A-ADJ)	FULLY EXPOSED	1.26 L/s	11 cm	1.58 L/s	14 cm
R-1	RD A4 (RD-100-A-ADJ)	3/4 EXPOSED	1.10 L/s	11 cm	1.34 L/s	14 cm
R-1	RD A5 (RD-100-A-ADJ)	3/4 EXPOSED	1.10 L/s	11 cm	1.34 L/s	14 cm
R-1	RD A6 (RD-100-A-ADJ)	FULLY EXPOSED	1.26 L/s	11 cm	1.89 L/s	14 cm
TOTALS	-	-	7.16 L/s	-	9.07 L/s	-

ROOF DRAIN TABLE: AREA R-2 (FOR DRAINS RD B1 to RD B3)

AREA ID *	ROOF DRAIN No. (WATTS MODEL)	WEIR SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
R-2	RD B1 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	13 cm
R-2	RD B2 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	13 cm
R-2	RD B3 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	13 cm
TOTALS	-	-	2.85 L/s	-	3.30 L/s	-

ROOF DRAIN TABLE: AREA R-3 (FOR DRAINS RD C1 to RD C4)

AREA ID *	ROOF DRAIN No. (WATTS MODEL)	WEIR SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
R-3	RD C1 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
R-3	RD C2 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
R-3	RD C3 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	13 cm
R-3	RD C4 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
TOTALS	-	-	3.80 L/s	-	4.40 L/s	-

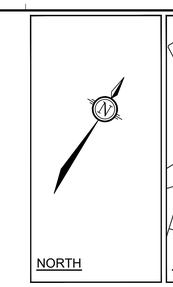
ROOF DRAIN TABLE: AREA R-4 (FOR DRAINS RD D1 to RD D3)

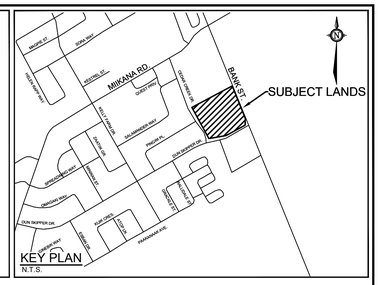
AREA ID *	ROOF DRAIN No. (WATTS MODEL)	WEIR SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
R-4	RD D1 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/s	11 cm	1.10 L/s	14 cm
R-4	RD D2 (RD-100-A-ADJ)	1/4 EXPOSED	0.79 L/s	10 cm	0.87 L/s	13 cm
R-4	RD D3 (RD-100-A-ADJ)	1/4 EXPOSED	0.79 L/s	11 cm	0.87 L/s	13 cm
TOTALS	-	-	2.69 L/s	-	2.84 L/s	-

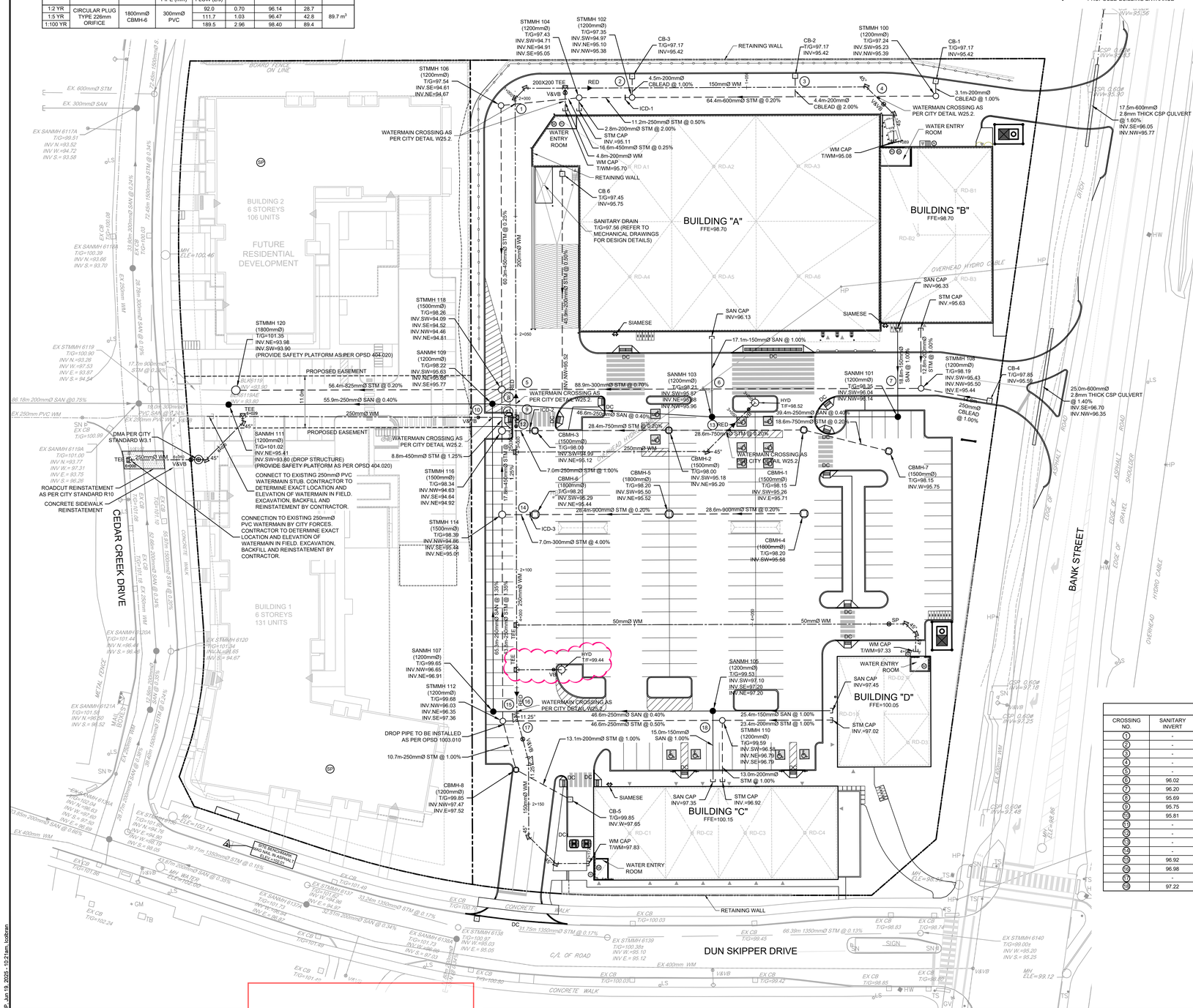
* REFER TO THE SERVICING AND STORMWATER MANAGEMENT REPORT" (R-2024-074) PREPARED BY NOVATECH FOR DRAINAGE AREA IDENTIFIERS AND STORMWATER MANAGEMENT DETAILS.

LEGEND

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED CAP
- PROPOSED SANITARY SEWER AND MANHOLE
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT c/w LEAD & VALVE
- PROPOSED VALVE AND VALVE BOX
- PROPOSED DISTRICT METER AREA CHAMBER PER CITY STANDARD W3.1
- PROPOSED BUILDING ENTRANCE
- DIRECTION OF FLOW
- PROPOSED RETAINING WALL
- PROPOSED WATER METER AND REMOTE METER
- PROPOSED PRESSURE REDUCING VALVE
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING WATERMAIN C/W VALVE & VALVE CHAMBER
- EXISTING HYDRANT C/W VALVE & LEAD
- EXISTING SANITARY MANHOLE & SEWER
- EXISTING STORM MANHOLE & SEWER
- EXISTING CATCHBASIN







GENERAL NOTES:

1. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
2. 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.
3. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
4. 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.
5. 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.
6. 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.
7. ALL ELEVATIONS ARE GEODETIC.
8. REFER TO GEOTECHNICAL REPORT PG7262-2, DATED OCTOBER 01, 2024), PREPARED BY PATERSON GROUP, 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.
9. REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARDSURFACE AREAS AND DIMENSIONS.
10. REFER TO SERVICING AND STORMWATER MANAGEMENT REPORT(R-2024-074) PREPARED BY NOVATECH ENGINEERING CONSULTANTS LTD.
11. SAW CUT AND KEY GRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10).
12. PROVIDE LINE/PARKING PAINTING.
13. 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, SIZES, LENGTHS, SLOPES, INVERT AND T/G ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, T/WM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.

SEWER NOTES:

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

ITEM	SPEC. No.	REFERENCE
CATCHBASIN (600x600mm)	705.010	OPSD
STORM / SANITARY MANHOLE (1200mmØ)	701.010	OPSD
STORM / SANITARY MANHOLE (1500mmØ)	701.011	OPSD
STORM / SANITARY MANHOLE (1800mmØ)	701.012	OPSD
CB, FRAME & COVER	S19	CITY OF OTTAWA
STORM / SANITARY MH FRAME & COVER	401.010 -TYPE 'A'	OPSD
CATCHBASIN MANHOLE FRAME & COVER	401.010-TYPE 'B'	OPSD
SEWER TRENCH	S6	CITY OF OTTAWA
DROP STRUCTURE	1003.010	OPSD
STORM SEWER	PVC DR 35 / CONC 65-D	
CATCHBASIN LEAD	PVC DR 35	
CULVERT	ALUMINIZED TYPE 2 CSP	

3. ALL STORM AND SANITARY SERVICE LATERALS SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES AS PER THE CITY OF OTAWA STANDARD DETAILS S14 AND S14.1 OR S14.2.
4. INSULATE ALL PIPES (SAN/STM) THAT HAVE LESS THAN 2.0m COVER WITH HI-40 INSULATION PER INSULATION DETAIL FOR SHALLOW SEWERS. PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION.
5. SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING AT A MINIMUM SLOPE OF 1.0%.
6. 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.
7. 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.
8. 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 OPSS 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.
9. ALL STORM MANHOLES AND CATCHBASIN MANHOLES ARE TO HAVE 300mm SUMPS UNLESS OTHERWISE INDICATED. ALL CATCHBASINS ARE TO HAVE 600mm SUMPS UNLESS OTHERWISE INDICATED. ALL CATCHBASINS TO HAVE 3.0m OF FILTER-CLOTH WRAPPED 100mm PVC PERFORATED SUBDRAIN IN AN UPGRADIENT DIRECTION PER GEOTECHNICAL RECOMMENDATIONS.
10. ALL CATCHBASINS, MANHOLES AND/OR CATCHBASIN MANHOLES THAT ARE TO HAVE ICD'S INSTALLED WITHIN THEM ARE TO HAVE 600mm SUMPS.
11. ALL WEEPING TILE CONNECTIONS TO BE MADE TO THE PROPOSED STORM SEWER SYSTEM DOWNSTREAM OF ANY INLET CONTROL DEVICES.
12. CONTRACTOR TO TELEVISE (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
13. 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, SIZES, LENGTHS, SLOPES, INVERT AND T/G ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, T/WM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.

UTILITY CROSSING TABLE

CROSSING NO.	SANITARY INVERT	STORM INVERT	TOP OF 50mmØ WATERMAIN	TOP OF 150mmØ WATERMAIN	TOP OF 200mmØ WATERMAIN	TOP OF 250mmØ WATERMAIN	CLEARANCE
1	-	94.45	-	-	95.35	-	0.25
2	-	95.40	-	-	94.87	-	0.53
3	-	95.21	-	-	94.86	-	0.35
4	-	94.81	-	-	95.86	-	0.25
5	-	94.83	-	-	95.82	-	0.49
6	96.02	95.12	-	-	-	-	0.60
7	96.20	95.40	-	-	-	-	0.51
8	95.69	94.55	-	-	-	-	0.61
9	95.75	-	-	-	96.45	-	0.25
10	95.81	-	-	-	-	96.56	0.29
11	-	94.60	-	-	-	95.84	0.53
12	-	94.91	-	-	-	95.66	0.25
13	-	95.23	-	-	-	96.58	0.25
14	-	95.13	-	-	-	95.93	0.25
15	96.92	96.00	-	-	-	-	0.67
16	96.98	-	-	97.58	-	-	0.25
17	-	96.36	-	97.18	-	-	0.37
18	97.22	96.57	-	-	-	-	0.35

BENCHMARK NOTES:

1. ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO CITY OF OTTAWA 2016-0350, HAVING A PUBLISHED ELEVATION OF 64.947 METRES (CGVD28:78).
2. IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT IT'S RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.
3. BENCHMARK WAS PROVIDED ON PLAN OF SURVEY BLOCK 241, REGISTERED PLAN 4M-1617, CITY OF OTTAWA, SURVEYED BY J.D. BARNES LIMITED.

WATERMAIN NOTES:

1. SPECIFICATIONS:

ITEM	SPEC. No.	REFERENCE
WATERMAIN TRENCHING	W17	CITY OF OTTAWA
THERMAL INSULATION IN SHALLOW TRENCHES	W22	CITY OF OTTAWA
THERMAL INSULATION BY OPEN STRUCTURES	W23	CITY OF OTTAWA
CONCRETE THRUST BLOCKS (UNDER 400mmØ)	W25.3	CITY OF OTTAWA
THRUST BLOCK TABLE (UNDER 400mmØ)	W25.4	CITY OF OTTAWA
WATERMAIN CROSSING BELOW SEWER	W25	CITY OF OTTAWA
WATERMAIN CROSSING ABOVE SEWER	W25.2	CITY OF OTTAWA
WATERMAIN (100mmØ AND LARGER)	PVC DR 18	
WATERMAIN (50mmØ AND SMALLER)	TYPE K COPPER	

2. SUPPLY AND CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. EXCAVATION, INSTALLATION, BACKFILL AND RESTORATION OF ALL WATERMAINS BY THE CONTRACTOR. CONNECTIONS AND SHUT-OFFS AT THE MAIN AND CHLORINATION OF THE WATER SYSTEM SHALL BE PERFORMED BY CITY FORCES.
3. EXCAVATION, INSTALLATION, BACKFILL AND RESTORATION OF ALL WATERMAINS BY THE CONTRACTOR. CONNECTIONS AND SHUT-OFFS AT THE MAIN AND CHLORINATION OF THE WATER SYSTEM SHALL BE PERFORMED BY CITY OFFICIALS. EXCAVATION, INSTALLATION OF SERVICE, BACKFILL AND RESTORATION BY THE CONTRACTOR.
4. WATERMAIN SHALL BE MINIMUM 2.4m DEPTH BELOW GRADE UNLESS OTHERWISE INDICATED. WHERE DEPTH OF COVER IS LESS THAN 2.4m, WATERMAIN SHALL BE INSULATED PER CITY OF OTTAWA STANDARD DETAIL W22. WATERMAIN SHALL BE INSULATED BY OPEN STRUCTURES PER W23.
5. PROVIDE MINIMUM 0.25m CLEARANCE BETWEEN OUTSIDE OF PIPES AT ALL CROSSINGS.
6. WATER SERVICE IS TO BE CONSTRUCTED TO WITHIN 1.0m OF FOUNDATION WALL AND CAPPED, UNLESS OTHERWISE INDICATED.

200mmØ/150mmØ WATERMAIN TABLE			
CHAINAGE	FINISHED GRADE	TOP OF WATERMAIN	COMMENT
1+000.0	97.55	95.15	45° HORIZONTAL BEND
1+003.1	97.48	95.08	45° HORIZONTAL BEND
1+011.5	97.40	95.00	200mm X 200mm TEE CONNECTION
1+017.6	97.35	94.95	200mm–150mm REDUCER
1+025.0	97.27	94.87	STATION 1+025
1+050.0	97.40	95.00	STATION 1+075
1+075.0	97.39	94.99	STATION 1+075
1+075.3	97.39	94.99	45° HORIZONTAL BEND
1+080.5	97.49	95.09	VALVE & VALVE BOX
1+083.5	97.41	95.01	45° HORIZONTAL BEND
1+089.0	97.46	95.06	CONNECTION TO BUILDING (CAPPED)
2+000.0	97.55	95.15	45° HORIZONTAL BEND
2+004.4	97.63	95.23	VALVE & VALVE BOX
2+025.0	98.04	95.00	STATION 2+025
2+050.0	98.58	96.18	STATION 2+050
2+063.1	98.23	95.83	REDUCER
250mmØ WATERMAIN TABLE			
CHAINAGE	FINISHED GRADE	TOP OF WATERMAIN	COMMENT
2+063.1	98.23	95.83	REDUCER
2+067.7	98.10	95.70	250mm X 250mm TEE CONNECTION
2+069.5	98.11	95.71	VALVE AND VALVE BOX
2+075.0	98.22	95.82	250mm X 250mm TEE CONNECTION
2+100.0	98.67	96.27	STATION 2+100
2+117.7	99.06	96.66	250mm X 50mm TEE CONNECTION
2+121.2	99.40	96.00	250mm X 150mm TEE CONNECTION
2+126.2	99.46	97.06	REDUCER
3+000.0	98.22	95.82	250mm X 250mm TEE CONNECTION
3+025.0	98.23	95.83	STATION 3+025
3+040.3	98.26	95.86	45° HORIZONTAL BEND
3+048.3	98.34	95.94	REDUCER
50mmØ WATERMAIN TABLE			
CHAINAGE	FINISHED GRADE	TOP OF WATERMAIN	COMMENT
4+000.0	99.06	96.66	250mm X 50mm TEE CONNECTION
4+025.0	99.02	96.62	STATION 4+025
4+050.0	99.02	96.62	STATION 4+050
4+075.0	99.11	96.00	STATION 4+075
4+078.8	99.20	96.80	VALVE & VALVE BOX
4+082.5	99.30	96.90	45° HORIZONTAL BEND
4+085.5	99.46	97.06	45° HORIZONTAL BEND
4+089.1	99.79	97.39	CONNECTION TO BUILDING (CAPPED)
150mmØ WATERMAIN TABLE			
CHAINAGE	FINISHED GRADE	TOP OF WATERMAIN	COMMENT
2+126.2	99.46	97.06	REDUCER
2+131.2	99.50	97.10	11.25° HORIZONTAL BEND
2+136.1	99.66	97.26	VALVE & VALVE BOX
2+140.8	99.76	97.36	11.25° HORIZONTAL BEND
2+150.0	100.11	97.71	STATION 2+150
2+156.9	100.36	97.96	45° HORIZONTAL BEND
2+165.0	100.54	98.14	45° HORIZONTAL BEND
2+172.0	100.34	97.94	CONNECTION TO BUILDING (CAPPED)
3+048.3	98.34	95.94	REDUCER
3+050.0	98.31	95.91	STATION 3+050
3+053.0	98.41	96.01	VALVE & VALVE BOX
3+055.0	98.50	96.10	HYDRANT

250mmØ WATERMAIN TABLE *			
CHAINAGE	FINISHED GRADE	TOP OF WATERMAIN	COMMENT
5+000.0	100.93	98.81	CONNECT TO EXISTING WITH 22.5° VERT BEND
5+000.9	100.92	98.35	22.5° VERTICAL BEND
5+010.6	100.75	98.35	250mm x 250mm TEE CONNECTION
5+025.0	100.53	98.13	STATION 5+025
5+050.0	99.90	97.50	STATION 5+050
5+060.5	98.48	96.51	VALVE AND VALVE BOX
5+064.7	98.40	96.56	22.5° VERTICAL BEND
5+068.5	98.08	95.68	250mm x 250mm TEE CONNECTION (ROTATED)

* WATERMAIN TABLE IS TO BE COORDINATED WITH FUTURE RESIDENTIAL DEVELOPMENT GRADING

250mmØ WATERMAIN TABLE *			
CHAINAGE	FINISHED GRADE	TOP OF WATERMAIN	COMMENT
6+000.0	101.05	98.85	CONNECT TO EXISTING 250mmØ WATERMAIN
6+013.0	101.32	98.66	VALVE AND VALVE BOX
6+014.7	101.36	98.63	DISTRICT METER AREA CHAMBER (DMA)
6+016.3	101.38	98.60	45° HORIZONTAL BEND
6+021.6	101.16	98.50	WATER CROSSING (0.25m SEPARATION MIN)
6+027.3	100.88	98.40	45° HORIZONTAL BEND
6+029.0	100.75	98.35	CONNECT TO PROPOSED 250mmØ WATERMAIN

* WATERMAIN TABLE IS TO BE COORDINATED WITH FUTURE RESIDENTIAL DEVELOPMENT GRADING

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.

APPROVED
By Lily Xu at 2:16 pm, Jun 27, 2025

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

No.	REVISION	DATE	BY
9.	REVISED PER BUILDING PERMIT COMMENTS	JUNE 19/25	MS
8.	REVISED PER SOBEYS COMMENTS	MAY 05/25	MS
7.	ISSUED FOR TENDER	APR 24/25	MS
6.	ISSUED FOR FINAL APPROVAL	MAR 26/25	MS
5.	REVISED PER CITY COMMENTS	FEB 24/25	MS
4.	REVISED PER CITY COMMENTS	JAN 10/25	MS
3.	ISSUED FOR SITE PLAN APPLICATION	OCT 24/24	MS
2.	ISSUED FOR CLIENT REVIEW	OCT 17/24	MS
1.	PHASE 2 PRE-CONSULATION	AUG 22/24	MS

SCALE 1:400

DESIGN CV | CHECKED MS | DRAWN CV | CHECKED MS | APPROVED JLS

LICENSED PROFESSIONAL ENGINEER M. SAVIC 100102651 6/19/2025 PROVINCE OF ONTARIO

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LOCATION
CITY OF OTTAWA
150 DUN SKIPPER DRIVE

DRAWING NAME
GENERAL PLAN OF SERVICES

PROJECT No. 124107
REV REV # 9
DRAWING No. 124107-GP

D07-12-24-0134

PLAN # 19259

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