ICD TABLE

STRUCTURE ID	ICD TYPE	INVERT (m)	100-YR HEAD (m)	100-YR PEAK FLOW (L/s)
2	152mm	N=53.11 S=52.51	3.70	92.1
RY1	TEMPEST LMF	E=54.45 W=54.45	1.14	6.1
RY3	90mm	E=55.30 W=55.30	0.71	14.0

SANITARY MANHOLE TABLE

MANHOLE ID	SIZE(mm)	T/G ELEV (m)	INVERT (m)	PIPE DIAMETER (mm)
3	1200Ø	56.67	E=54.07 W=54.13	E=200 W=200
5	1200Ø	56.69	N=54.36 E=54.29 W=54.30	N=200 E=200 W=200
7	1200Ø	55.64	W=53.76 N=53.69 S=53.69	W=200 N=250 S=250
9	1200Ø	56.48	N=54.18 E=54.12	N=200 E=200
11	1200Ø	56.28	E=54.34 S=54.28	E=150 S=200
13	1200Ø	56.65	S=54.15	S=200
15	1200Ø	56.52	W=53.92 E=53.91 N=53.97	W=200 E=200 N=200
17	1200Ø	56.69	S=54.47 W=54.52	S=200 W=150
19	1200Ø	56.75	S=54.51 E=54.45	S=150 E=200

STORM MANHOLE TABLE

MANHOLE ID	SIZE(mm)	T/G ELEV (m)	INVERT (m)	PIPE DIAMETER (mm)
2	1200Ø	56.29	N=53.11 S=52.51	N=450 S=450
4	1200Ø	56.44	S=53.55 E=53.58	S=450 E=450
6	1200Ø	56.49	N=54.31 W=53.89 E=54.67	N=375 W=450 E=200
8	1200Ø	56.66	N=55.10 E=55.09 W=55.17	N=375 E=375 W=300
10	1200Ø	56.70	E=55.32 S=55.24 W=55.32	E=300 S=375 W=300
CBMH1	1200Ø	56.57	W=55.05 S=54.62 E=55.12	W=375 S=375 E=300
CBMH2	1200Ø	56.06	N=53.29 S=53.28 W=55.05	N=450 S=450 W=450

CATCHBASIN TABLE

CB ID	T/G ELEVATION	INVERT
CB1	56.25	54.85
CB2	56.25	54.85
CB3	56.06	55.28

REAR YARD CATCHBASIN TABLE

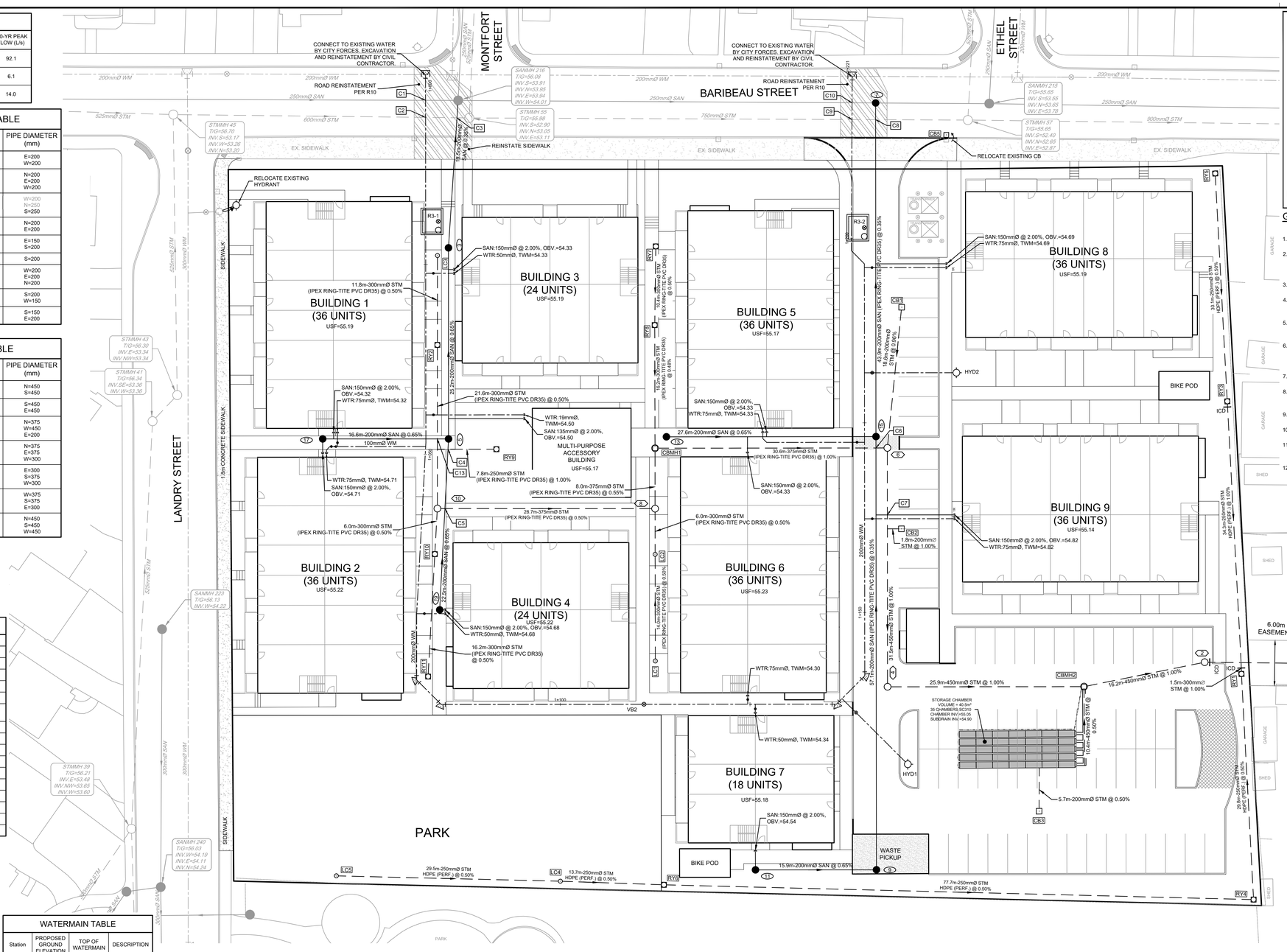
RYCB No.	T/G ELEVATION	INVERT	I.C.D.
LC1	56.58	55.27	-
LC2	56.57	55.20	-
LC3	56.55	55.49	-
LC4	55.69	55.09	-
LC5	55.80	55.24	-
RY1	55.50	54.45	TEMPEST LMF
RY2	56.55	55.43	-
RY3	55.84	55.30	90mm
RY4	55.25	54.60	-
RY5	56.01	55.45	-
RY6	55.72	55.02	-
RY7	56.56	55.26	-
RY8	56.55	55.20	-
RY9	56.55	55.55	-
RY10	56.60	55.35	-
RY11	56.60	55.43	-

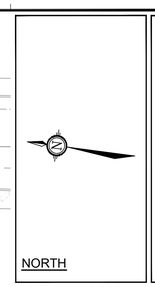
SEWER CROSSING TABLE

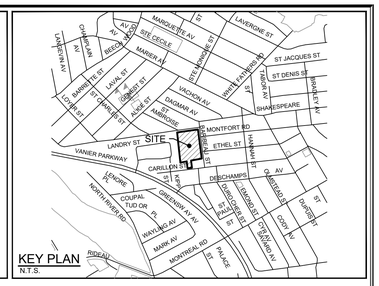
LOCATION	ELEVATIONS	CLEARANCE
C1	SAN INV=53.96 WM OBV=53.46	0.50m
C2	WM INV=53.97 STM OBV=53.67	0.30m
C3	SAN INV=54.03 STM OBV=53.66	0.37m
C4	STM INV=55.48 SAN OBV=54.52	0.97m
C5	STM INV=55.24 SAN OBV=54.57	0.67m
C6	STM INV=54.32 SAN OBV=54.13	0.20m
C7	SAN INV=54.49 STM OBV=54.26	0.23m
C8	SAN INV=53.76 STM OBV=53.45	0.31m
C9	WM INV=53.75 STM OBV=53.45	0.30m
C10	SAN INV=53.69 WM OBV=53.19	0.50m
C11	WM INV=53.90 STM OBV=52.16	1.74m
C12	SAN INV=52.63 STM OBV=52.11	0.52m
C13	STM INV=55.36 SAN OBV=54.57	0.79m

WATERMAIN TABLE

Station	PROPOSED GROUND ELEVATION	TOP OF WATERMAIN	DESCRIPTION
1+000.00	56.04	53.64	200 x 200 TEE
1+019.33	56.70	54.30	R3-1
1+026.16	56.75	54.36	WTR SERVICE
1+044.81	56.77	54.49	WTR SERVICE
1+049.60	56.76	54.36	WTR SERVICE
1+071.02	56.78	54.38	WTR SERVICE
1+079.75	56.72	54.32	H. BEND
1+084.33	56.75	54.35	H. BEND
1+111.03	56.74	54.34	VB2
1+124.70	56.73	54.33	WTR SERVICE
1+125.70	56.72	54.34	WTR SERVICE
1+136.39	56.65	54.25	H. BEND
1+137.42	56.74	54.34	HYD1 TEE
1+141.67	56.51	54.11	H. BEND
1+162.35	56.52	54.22	WTR SERVICE
1+172.43	56.56	54.21	WTR SERVICE
1+181.58	56.53	54.13	HYD2 TEE
1+195.43	56.56	54.16	WTR SERVICE
1+201.39	56.65	54.25	R3-2
1+221.32	55.70	53.30	200 x 200 TEE







GENERAL NOTES:

1. DIMENSIONS AND LAYOUT INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE ORIGINAL TOPOGRAPHY AND GROUND ELEVATIONS, SERVICING AND SURVEY INFORMATION SHOWN ON THIS PLAN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF ALL INFORMATION OBTAINED FROM THIS PLAN.
3. CO-ORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
4. BEFORE COMMENCING CONSTRUCTION, PROVIDE PROOF OF COMPREHENSIVE ALL RISK AND OPERATIONAL LIABILITY INSURANCE INCLUDING BLASTING. INSURANCE POLICY TO NAME THE OWNER, ENGINEER AND THE CITY AS CO-INSURED.
5. CONNECT TO EXISTING SYSTEMS AS DETAILED, INCLUDING ALL RESTORATION WORK NECESSARY TO REINSTATE SURFACES TO EXISTING CONDITIONS OR BETTER.
6. 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 THESE DRAWINGS.
7. OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS BEFORE COMMENCING CONSTRUCTION.
8. RESTORE ALL TRENCHES AND SURFACE FEATURES TO EXISTING CONDITIONS OR BETTER AND TO THE SATISFACTION OF MUNICIPAL AUTHORITIES.
9. REMOVE FROM SITE ALL DEBRIS AND EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.
10. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS.
11. REFER TO GEOTECHNICAL INVESTIGATION PG4278-1 (DATED JULY 15, 2019, PREPARED BY PATERSON GROUP INC. FOR SUBSURFACE CONDITIONS AND CONSTRUCTION RECOMMENDATIONS.
12. PERFORATED PIPE SUB-DRAINS TO BE PROVIDED AT SUBGRADE LEVEL EXTENDING FROM THE ROADSIDE CATCHBASIN FOR A DISTANCE OF 3.0m, PARALLEL TO THE CURB IN TWO DIRECTIONS.

ANDREW MCCREIGHT
MANAGER, DEVELOPMENT REVIEW CENTRAL
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By mccreighan at 11:53 am, Aug 11, 2026

LEGEND

- SANITARY MANHOLE, SEWER & FLOW DIRECTION
- STORM MANHOLE, SEWER & FLOW DIRECTION
- WATERMAIN AND DIAMETER
- VALVE & VALVE BOX
- BEND AND THRUST BLOCK
- HYDRANT C/W VALVE & LEAD
- CAP
- ROAD CATCHBASIN
- LANDSCAPE TYPE CATCHBASIN
- REAR YARD CATCH BASIN
- SERVICE POST LOCATION

NOTES:
RIDEAU RIVER REGULATORY FLOOD LEVEL (REDUCED FLOOD RISK) = 56.44
ALL BUILDINGS ARE SLAB-ON-GRADE

SEWER NOTES:

1. SPECIFICATIONS:

ITEM	SPEC. No.	REFERENCE
CATCHBASIN (600x600mm)	705.010	OPSD
CATCHBASIN MANHOLE (1200Ø)	701.010	OPSD
STORM / SANITARY MANHOLE (1200Ø)	701.010	OPSD
ROADSIDE CB, FRAME & COVER	S2 & S19	CITY of OTTAWA
CBMH FRAME & COVER	S25 & S28.1	CITY of OTTAWA
STORM / SANITARY MH FRAME & COVER	S24.1 / S24 & S25	CITY of OTTAWA
STORM SEWER	IPEX RING-TITE PVC DR 35 OR CONC.	
SANITARY SEWER	IPEX RING-TITE PVC DR 35	
CATCHBASIN LEAD	PVC DR 35	

2. INSULATE ALL PIPES (SAN/STM) THAT HAVE LESS THAN 1.5m COVER WITH 50mmX1200mm HI-40 INSULATION. PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION.
3. SERVICES ARE TO BE CONSTRUCTED TO PROPERTY LINE AT MINIMUM SLOPE OF 1.0% (2.0% IS PREFERRED).
4. 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.
5. SEWER SERVICE CONNECTIONS PER CITY OF OTTAWA DETAILS S11 AND S11.1.
6. THE SITE SERVICING CONTRACTOR SHALL PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SANITARY SEWERS. LEAKAGE TESTING SHALL BE COMPLETED IN ACCORDANCE WITH OPSS 410.07.16 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 THE ENGINEER.
7. STORM MANHOLES AND CBMHS SHALL HAVE 300mm SUMPS UNLESS OTHERWISE INDICATED.
8. 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.

WATERMAIN NOTES:

1. GENERAL:

ITEM	DETAIL No.	REFERENCE
WATERMAIN TRENCHING	W17	CITY OF OTTAWA
THERMAL INSULATION IN SHALLOW TRENCHES	W22	CITY OF OTTAWA
WATERMAIN CROSSING BELOW SEWER / OVER SEWER	W25 / W25.2	CITY OF OTTAWA

2. THE WATERMAIN SHALL BE PVC DR 18 IN ACCORDANCE WITH MATERIAL SPECIFICATION MW-18.1, UNLESS OTHERWISE INDICATED.
3. 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 OFFICIALS.
4. WATERMAIN SHALL BE MINIMUM 2.4m DEPTH BELOW GRADE UNLESS OTHERWISE INDICATED.
5. PROVIDE MINIMUM 0.50m CLEARANCE BETWEEN OUTSIDE OF PIPES AT ALL CROSSINGS.

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.

No.	REVISION	DATE	BY
20.	STORM SEWER MATERIAL UPDATE	APR 15/26	MAB
19.	ISSUED FOR TENDER	APR 1/26	MAB
18.	MINOR DESIGN UPDATES	MAR 17/26	MAB
17.	SITE PLAN UPDATE	FEB 26/26	MAB
16.	SITE PLAN UPDATE	OCT 9/24	MAB
15.	CONCEPT UPDATE	JUN 27/24	MAB
14.	MINOR UPDATES TO BLOCKS 1-4, 9	NOV 16/22	MAB
13.	USF LOWERED BLOCKS 1, 2, 3, 4 & 9	JUL 20/22	MAB
12.	SITE PLAN UPDATE	JUL 15/22	MAB
11.	ISSUED FOR ECA	MAR 24/22	MAB
10.	ISSUED FOR BUILDING PERMIT	MAR 2/22	MAB
9.	CITY SUBMISSION - PARK UPDATE	FEB 15/22	MAB
8.	CITY SUBMISSION	OCT 21/21	MAB
7.	CITY SUBMISSION	AUG 3/21	MAB
6.	CITY SUBMISSION	JUN 8/21	MAB
5.	CITY SUBMISSION	FEB 5/21	MAB
4.	STORM OUTLET VIA 127 CARILLON	OCT 23/20	MAB
3.	SITE PLAN APPLICATION	AUG 24/20	MAB
2.	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 28/20	MAB
1.	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB

SCALE 1:250 (1:250 0 2 4 6 8 10)

DESIGN DTD
CHECKED LRW
DRAWN DTD
CHECKED LRW
APPROVED MAB

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER L. R. WILSON 100160065 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER M.A. BISSETT 2026.04.15 PROVINCE OF ONTARIO

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CITY OF OTTAWA
DOMINION VILLAGE - 200 BARIBEAU STREET

SERVICING PLAN

PROJECT No. 119068
REV REV #20
DRAWING No. 119068-GP

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PLEASE PRINT - Ottawa 559mm