



**LEGEND**

---	SITE PROPERTY LINE	---	EXISTING DITCH CENTRELINE
---	MISC LEGAL LINE (EASEMENT, PROPERTY LINES) REFER TO LEGAL PLAN FOR DETAILS	---	EXISTING WATERMAIN C/W VALVE BOX
---	PROPOSED SIDEWALK	---	EXISTING HYDRANT C/W VALVE & LEAD
---	PROPOSED CURB	---	EXISTING SANITARY MANHOLE & SEWER
---	PROPOSED DEPRESSED CURB	---	EXISTING STORM MANHOLE & SEWER
---	PROPOSED RETAINING WALL AND DIRECTION OF FLOW	---	EXISTING CATCHBASIN
---	PROPOSED SANITARY SERVICE c/w MANHOLE	---	EXISTING CATCHBASIN
---	PROPOSED STORM SEWER AND MANHOLE	---	EXISTING DITCH CENTRELINE
---	PROPOSED STORM MANHOLE C/W ICD	---	EXISTING MONITORING WELL
---	PROPOSED STORMWATER MANAGEMENT PIPE	---	EXISTING JOINT UTILITY
---	PROPOSED CATCHBASIN MANHOLE	---	EXISTING HYDRO
---	PROPOSED CATCHBASIN MANHOLE C/W ICD	---	EXISTING UTILITY CROSSINGS
---	PROPOSED CATCHBASIN	---	EXISTING LIGHT STANDARD
---	PROPOSED CATCHBASIN C/W ICD	---	EXISTING HYDRO INFRASTRUCTURE
---	PROPOSED LANDSCAPE DRAIN	---	
---	PROPOSED WATER MAIN	---	
---	PROPOSED HYDRANT c/w LEAD & VALVE	---	
---	PROPOSED BEND AND THRUSTBLOCK 11.25', 22.5', 45' or TEE	---	
---	PROPOSED CURB STOP	---	
---	PROPOSED VALVE AND VALVE BOX	---	
---	PROPOSED TOP OF BOTTOM FLANGE	---	
---	DMA CHAMBER	---	
---	PROPOSED PIPE CROSSING REFER TO 122144-ND FOR DETAILS	---	
---	PROPOSED SEWER AND PIPE INSULATION PER S35	---	
---	PROPOSED TRANSFORMER WITH BOLLARDS	---	

**ICD TABLE**

STRUCTURE	T/G ELEVATION	INVERT	ICD DIA	100-YR RELEASE
CBMH 213	86.75	INV W=83.85	94mm	29.73 L/s
STMH 206	87.74	INV S=83.69	LMF 75	8.20 L/s
CB 209	87.35	INV S=86.15	102mm	25.20 L/s

- NOTES**
- PIPES TO BE INSULATED WHERE MINIMUM COVER IS NOT MET.
  - LEAN CONCRETE INFILLED TRENCHES ARE RECOMMENDED TO EXTEND THE FOOTING LOADS BELOW THE ADJACENT PIPES WHERE SERVICES ARE WITHIN THE FOUNDATION LOADING ZONES.
  - REFER TO MEMORANDUM TITLED "GRADING AND SITE SERVICING REVIEW PREPARED BY PATERSON GROUP DATED MARCH 9<sup>th</sup> 2025 (PG6613-MEMO.02, REV 2)

- NOTE:**
- ALL SERVICE CONNECTIONS AND CATCHBASIN CONNECTIONS TO BE MADE PER CITY OF OTTAWA DETAIL S1, S11 AND S11.2
  - BACKWATER VALVES TO BE PROVIDED ON ALL STORM AND SANITARY LATERALS AS PER CITY OF OTTAWA DETAILS S14, S14.1, AND S14.2. DOWNSTREAM OF ANY GRAVITY OUTLET FROM THE BUILDING. REFER TO MECHANICAL PLANS FOR DETAIL.
  - REFER TO MECHANICAL DRAWINGS FOR FURTHER DETAILS ON INTERNAL PLUMBING (TYP).

REFER TO 122144-ND FOR ADDITIONAL NOTES & DETAILS

**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.

No.	REVISION	DATE	BY
11.	REVISED USFS AND SERVICE INVERTS	MAR 11/2026	ARM
10.	REVISED ISSUED FOR CONSTRUCTION	FEB 27/2026	ARM
9.	REVISED TO ACCOMMODATE GARBAGE ENCLOSURE	FEB 24/2026	ARM

No.	REVISION	DATE	BY
8.	ISSUED FOR CONSTRUCTION	JAN 23/2026	ARM
7.	REVISED PER LANDSCAPE PLAN	DEC 03/25	ARM
6.	REVISED PER CITY COMMENTS	NOV 18/25	ARM
5.	REVISED PER RETAINING WALL ALTERATIONS	OCT 07/25	GJM
4.	ADDITION OF GEOTECHNICAL RECOMMENDATIONS	AUG 19/25	GJM
3.	REVISED PER CITY COMMENTS	AUG 12/25	GJM
2.	REVISED PER COMPLETENESS REVIEW COMMENTS	MAY 09/25	GJM
1.	ISSUED FOR SITE PLAN APPLICATION	MARCH 21/25	GJM

**SCALE**

1:250

0 2 4 6 8 10

**DESIGN**

ARM/AM

**CHECKED**

ARM

**DRAWN**

ARM/CJ/AM

**CHECKED**

ARM

**APPROVED**

GJM

**NOVATECH**

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**LOCATION**

1101 SPOOR STREET, CITY OF OTTAWA  
COPPERWOOD FLATS - BLOCK 125

**DRAWING NAME**

GENERAL PLAN OF SERVICES

**PROJECT No.**

122144

**REV**

REV#11

**DRAWING No.**

122144-GP

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