

LEGEND

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED TWISI
- PROPOSED FOUNDATION WALL C/W RAILING
- PROPOSED CAP
- PROPOSED SANITARY SERVICE c/w MANHOLE
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED AREA DRAIN (REFER TO MECHANICAL FOR DETAILS)
- PROPOSED LANDSCAPE DRAIN
- PROPOSED ROOF DRAINS
- PROPOSED TRENCH DRAIN
- PROPOSED INLET CONTROL DEVICE
- PROPOSED PIPE CROSSING (REFER TO 123050-ND FOR DETAILS)
- PROPOSED SIAMSESE CONNECTION
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT c/w LEAD & VALVE
- PROPOSED VALVE AND VALVE BOX
- PROPOSED WATER METER
- PROPOSED REMOTE WATER METER
- PROPOSED TREE PROTECTION FENCE (REFER TO LANDSCAPE PLANS FOR DETAILS)
- PROPOSED PRIVACY FENCE (REFER TO LANDSCAPE PLANS FOR DETAILS)
- PROPOSED BUILDING ENTRANCE
- PROPOSED FIREWALL
- PROPOSED GARBAGE COLLECTION BINS
- PROPOSED BIKE RACKS (REFER TO ARCHITECTURAL PLANS)
- PROPOSED PERGOLA STRUCTURE (REFER TO ARCHITECTURAL PLANS)
- PROPOSED CROSSWALK PAINTING
- PROPOSED LINE PAINTING
- PROPOSED ROOF LIMITS
- PROPOSED TRANSFORMER (REFER TO ELECTRICAL PLANS)
- DIRECTION OF FLOW
- 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
- EXISTING CULVERT
- EXISTING GAS MAIN
- EXISTING HYDRO LINE
- EXISTING STREETLIGHT
- EXISTING ROAD SIGNAGE
- EXISTING DITCH BOTTOM OF SLOPE

PIPE CROSSING TABLE			
CROSSING	LOWER PIPE	HIGHER PIPE	CLEARANCE
1	200mmØ SAN OBV = 85.45	300mmØ STM INV = 86.46	±0.98m
2	150mmØ WM OBV = 86.64	250mmØ STM INV = 87.35	±0.71m
3	150mmØ WM OBV = 86.76	250mmØ STM INV = 87.32	±0.56m

PROPOSED 150mmØ WATER SERVICE (1+000.0)			
STATION	SURFACE ELEVATION	TWM ELEVATION	COMMENTS
1+000.0	88.93	85.55*	TEE CONNECTION TO EXISTING 400mmØ WATERMAIN
1+009.3	89.18	86.78	VALVE AND VALVE BOX
1+013.1	89.04	86.64	CROSS UNDER 250mm STM (C/W ±0.71m CLEARANCE)
1+019.4	88.92	86.59	CAP SERVICE 1.0m FROM THE FOUNDATION WALL

PROPOSED 150mmØ WATER SERVICE (2+000.0)			
STATION	SURFACE ELEVATION	TWM ELEVATION	COMMENTS
2+000.0	88.97	85.55*	TEE CONNECTION TO EXISTING 400mmØ WATERMAIN
2+009.3	89.26	86.86	VALVE AND VALVE BOX
2+011.2	89.21	86.81	200x150mm TEE
2+013.1	89.16	86.76	CROSS UNDER 250mm STM (C/W ±0.56m CLEARANCE)
2+015.3	89.11	86.71	VALVE AND VALVE BOX
2+019.4	89.04	86.59	CAP SERVICE 1.0m FROM THE FOUNDATION WALL

\* CONTRACTOR TO CONFIRM THE ELEVATION OF THE EXISTING WATER MAIN AND NOTIFY THE ENGINEER IF DIFFERENT

- NOTE:
- ALL SERVICE CONNECTIONS AND CATCHBASIN CONNECTIONS TO BE MADE PER CITY OF OTTAWA DETAIL 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
  - ALL FLOWS FROM THE UNDERGROUND PARKING GARAGE ARE TO BE CONVEYED TO THE SANITARY SERVICE SANITARY FLOWS ARE TO BE PUMPED TO THE PROPOSED SANITARY SERVICE (TYP)
  - PROPOSED SERVICES TO BE SLEEVED THROUGH FOUNDATION WALL. FOUNDATION DRAINS TO BE PUMPED TO STORM SERVICE.
  - REFER TO MECHANICAL DRAWINGS FOR FURTHER DETAILS ON INTERNAL PLUMBING (TYP).
  - PROPOSED AREA DRAINS, ROOF DRAINS, AND TRENCHDRAINS ARE TO BE CONVEYED VIA THE INTERNAL PLUMBING TO THE PROPOSED STORM SERVICE CONNECTION TO STMMH 101. REFER TO THE MECHANICAL DRAWINGS FOR DETAILS

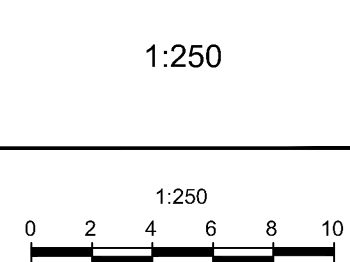
REFER TO 123050 - ND FOR ADDITIONAL NOTES & DETAILS

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.

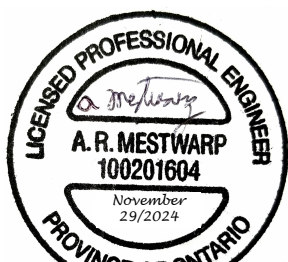
No.	REVISION	DATE	BY
6.	REVISED PER CITY COMMENTS	NOV 29/2024	ARM
5.	REVISED PER CITY COMMENTS	NOV 04/2024	ARM
4.	REVISED PER CITY COMMENTS	AUG 09/24	ARM
3.	REVISED PER UPDATED SITE PLAN	JUNE 10/24	ARM
2.	REVISED PER CITY COMMENTS	APR 23/24	ARM
1.	ISSUED FOR SITE PLAN APPLICATION	JULY 31/23	GJM

SCALE

1:250



DESIGN	ARM
CHECKED	GJM
DRAWN	ARM/CJF
CHECKED	GJM
APPROVED	GJM



**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website www.novatech-eng.com

LOCATION CITY OF OTTAWA CASSETTE COMMONS - 119 RYAN REYNOLDS WAY	PROJECT NO. 123050
DRAWING NAME GENERAL SERVICING PLAN	REV REV #6
	DRAWING NO. 123050-GP

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