

LEGEND

—	PROPERTY LINE	—	PROPOSED BUILDING ENTRANCE
—	PROPOSED CURB	—	PROPOSED FIREWALL
—	PROPOSED DEPRESSED CURB	—	PROPOSED GARBAGE COLLECTION BINS
—	PROPOSED TWISI	—	PROPOSED BIKE RACKS
—	PROPOSED FOUNDATION WALL C/W RAILING	—	PROPOSED CROSSWALK PAINTING
—	PROPOSED CAP	—	PROPOSED LINE PAINTING
—	PROPOSED SANITARY SERVICE c/w MANHOLE	—	PROPOSED ROOF LIMITS
—	PROPOSED STORM SEWER AND MANHOLE	—	PROPOSED TRANSFORMER
—	PROPOSED CATCHBASIN MANHOLE	—	DIRECTION OF FLOW
—	PROPOSED CATCHBASIN	—	EXISTING UTILITY POLE C/W GUY WIRES
—	PROPOSED AREA DRAIN (REFER TO MECHANICAL FOR DETAILS)	—	V&VC EXISTING WATERMAIN C/W VALVE & VALVE CHAMBER
—	PROPOSED LANDSCAPE DRAIN	—	EXISTING HYDRANT C/W VALVE & LEAD
—	PROPOSED ROOF DRAINS	—	EXISTING SANITARY MANHOLE & SEWER
—	PROPOSED TRENCH DRAIN	—	STMMH EXISTING STORM MANHOLE & SEWER
—	PROPOSED INLET CONTROL DEVICE	—	CB T EXISTING CATCHBASIN
—	PROPOSED PIPE CROSSING (REFER TO 123050-ND FOR DETAILS)	—	— EXISTING GAS MAIN
—	PROPOSED SIAMESE CONNECTION	—	— EXISTING HYDRO LINE
—	PROPOSED WATER SERVICE	—	— EXISTING STREETLIGHT
—	PROPOSED HYDRANT c/w LEAD & VALVE	—	— EXISTING ROAD SIGNAGE
—	PROPOSED VALVE AND VALVE BOX	—	— EXISTING DITCH BOTTOM OF SLOPE
—	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)		

PIPE CROSSING TABLE

CROSSING	LOWER PIPE	HIGHER PIPE	CLEARANCE
1	200mm Ø SAN OBV = 85.48	300mm Ø STM INV = 86.46	±0.98m

PROPOSED 150mmØ WATER SERVICE (1+000.0)

STATION	SURFACE ELEVATION	T.M.M ELEVATION	COMMENTS
1+000.0	88.49	85.37*	T.V.S CONNECTION TO EXISTING 400mmØ WATERMAIN C/W CHAMBER PER CITY DETAIL W11.1
1+011.6	88.71	86.31	VALVE AND VALVE BOX
1+018.8	88.99	86.59	CAP SERVICE 1.0m FROM THE FOUNDATION WALL

PROPOSED 150mmØ WATER SERVICE (2+000.0)

STATION	SURFACE ELEVATION	T.M.M ELEVATION	COMMENTS
2+000.0	88.55	85.35*	T.V.S CONNECTION TO EXISTING 400mmØ WATERMAIN C/W CHAMBER PER CITY DETAIL W11.1
2+008.5	88.74	86.34	VALVE AND VALVE BOX
2+018.9	89.00	86.59	CAP SERVICE 1.0m FROM THE FOUNDATION WALL

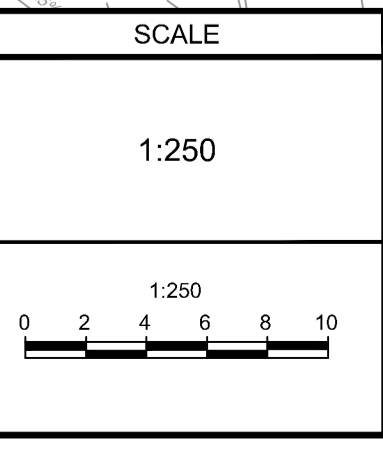
* CONTRACTOR TO CONFIRM THE ELEVATION OF THE EXISTING WATER MAIN AND NOTIFY THE ENGINEER IF DIFFERENT

- 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 SLEAVED 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
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



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

PROFESSIONAL ENGINEER
 A.R. MESTWARP
 102201604
 November 09/2024
 PROVINCE OF ONTARIO

PROFESSIONAL ENGINEER
 G.J. MacDONALD
 Nov. 4, 2024
 PROVINCE OF ONTARIO

NOVATECH
 Engineers, Planners & Landscape Architects
 Suite 200, 240 Michael Coppland 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

DRAWING NAME
GENERAL SERVICING PLAN

PROJECT No. 123050
 REV #
 DRAWING No. 123050-GP

M:\2023\123050\CADD\123050-GP.dwg, GP, Oct 29, 2024 - 5:44pm, armestwarp