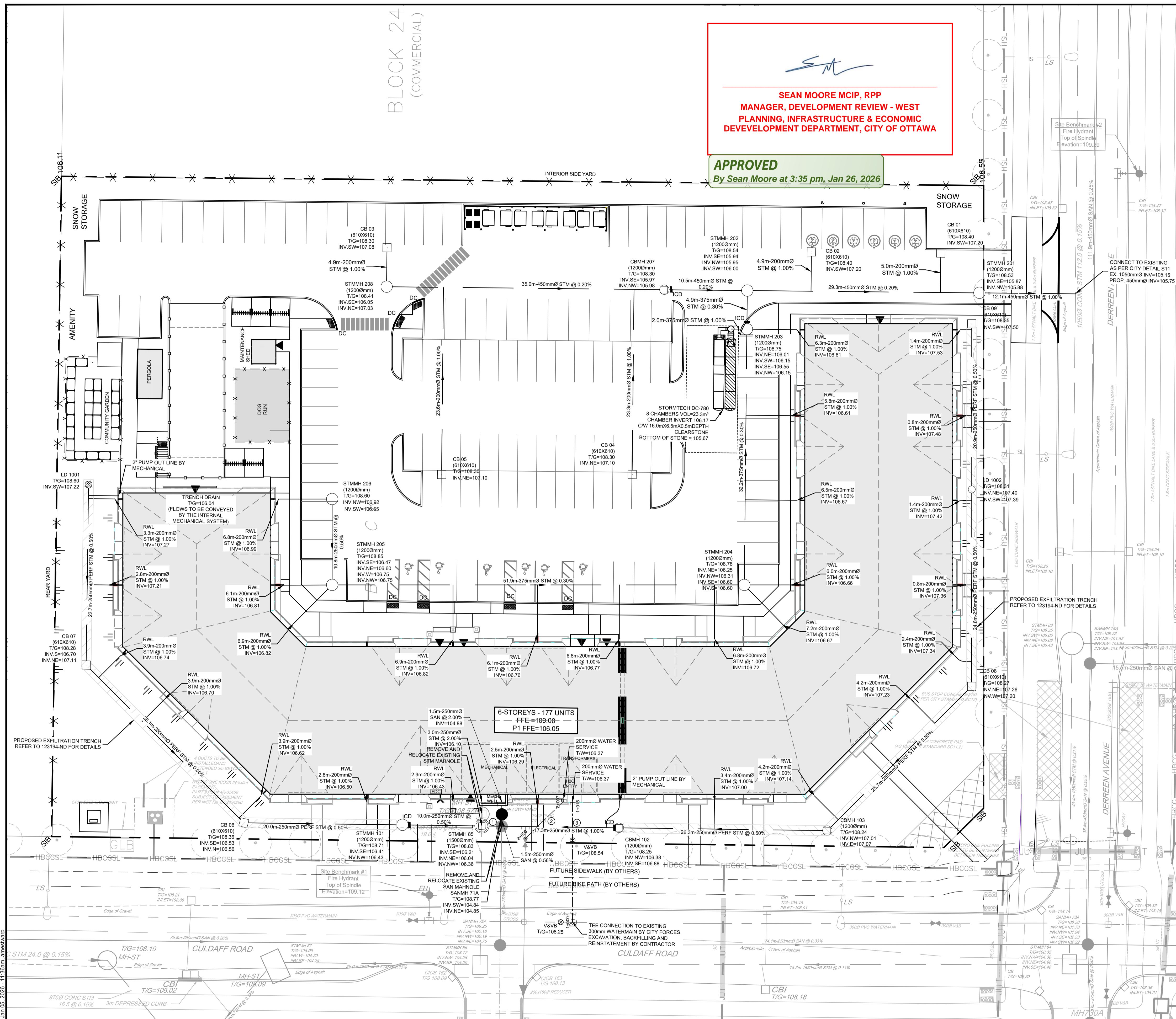


BLOCK 24  
(COMMERCIAL)

SEAN MOORE MCIP, RPP  
MANAGER, DEVELOPMENT REVIEW - WEST  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED

By Sean Moore at 3:35 pm, Jan 26, 2026



NORTH

KEY PLAN  
N.T.S.

LEGEND

- PROPOSED BUILDING ENTRANCE
- PROPOSED FIREWALL
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED TWISI
- PROPOSED FOUNDATION WALL c/w RAILING
- PROPOSED CAP
- PROPOSED SANITARY SERVICE c/w MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED LANDSCAPE DRAIN
- PROPOSED TRENCH DRAIN
- PROPOSED INLET CONTROL DEVICE
- RAIN WATER LEADER CONNECTION LOCATION
- PROPOSED PIPE CROSSING (REFER TO 123050-ND FOR DETAILS)
- PROPOSED SIAMESE CONNECTION
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT c/w LEAD & VALVE
- PROPOSED VALVE AND VALVE BOX
- PROPOSED WATER METER
- PROPOSED REMOTE WATER METER
- EXISTING WATERMAIN 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 JOINT UTILITY TRENCH
- EXISTING STREETLIGHT
- EXISTING ROAD SIGNAGE
- EXISTING STREET TREE

PIPE CROSSING TABLE		
CROSSING	LOWER PIPE	HIGHER PIPE
	250mmØ SAN OBV = 105.08	250mmØ STM INV = 106.24
	200mmØ WM OBV = 105.77	250mmØ STM INV = 106.27
	200mmØ WM OBV = 105.82	250mmØ STM INV = 106.32
	±0.50m	±0.50m

PROPOSED 200mmØ WATER SERVICE (1+000.0)		
STATION	SURFACE ELEVATION	T/W/ELEVATION
1+000.00	108.24	105.84*
1+010.32	108.54	106.14
1+012.01	108.37	105.97
1+014.88	108.77	106.37

PROPOSED 200mmØ WATER SERVICE (2+000.0)		
STATION	SURFACE ELEVATION	T/W/ELEVATION
2+000.0	108.63	106.23*
2+002.11	108.70	105.77
2+006.76	108.90	106.37
2+006.99	108.91	106.37

PROPOSED EXFILTRATION TRENCH REFER TO 123194-ND FOR DETAILS			
STATION	SURFACE ELEVATION	T/W/ELEVATION	COMMENTS
1+000.00	108.24	105.84*	CONNECTION TO EXISTING 300mmØ WATERMAIN
1+010.32	108.54	106.14	PROPOSED VALVE AND VALVE BOX
1+012.01	108.37	105.97	CROSS BELOW 250mm STM (CLEARANCE =±0.50m)
1+014.88	108.77	106.37	CAP SERVICE 1.0m FROM THE FOUNDATION WALL

PROPOSED 200mmØ WATER SERVICE (2+000.0)			
STATION	SURFACE ELEVATION	T/W/ELEVATION	COMMENTS
2+000.0	108.63	106.23*	CONNECTION TO EXISTING 200mm VALVE c/w 45° BEND
2+002.11	108.70	105.77	EXISTING CAP AND PIPE PAST VALVE TO BE REMOVED
2+006.76	108.90	106.37	CROSS ABOVE 300mm STM AS PER CITY OF OTTAWA DETAIL W25 (CLEARANCE =±0.50m)
2+006.99	108.91	106.37	45° BEND

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

ICD SIZING AND FLOWS					
STRUCTURE	ORIFICE ICD SIZE	ICD INVERT	T/G (m)	100-yr HGL (m)	100-yr HEAD (m)
STMHH 101	83mm PLATE	106.43	108.70	108.17	1.70
CBMH 102	83mm PLATE	106.38	108.25	107.48	1.06
STMHH 203	94mm PLATE	106.02	108.74	107.81	1.74
CBMH 207	162mm PLATE	105.97	108.30	108.42	2.37
					73.0

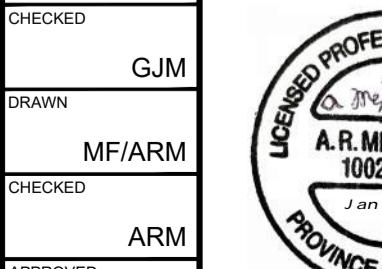
NOTE:

- ALL SERVICE CONNECTIONS AND CATCHBASIN CONNECTIONS TO BE MADE PER CITY OF OTTAWA DETAIL S11, S11.2, AND S14.
- BACKWATER VALVES TO BE PROVIDED ON ALL STORM AND SANITARY LATERALS AS PER CITY OF OTTAWA DETAILS S11, S11.2, 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.
- PROPOSED TRENCHDRAINS ARE TO BE CONVEYED TO THE FREE FLOWING STM OUTLET CONNECTION TO STMHH. REFER TO THE MECHANICAL DRAWINGS FOR DETAILS.
- ROOF DOWNSPOUTS ARE TO BE DIRECTLY CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM. REFER TO ARCHITECT AND MECHANICAL PLANS FOR DETAILS.
- REFER TO MECHANICAL DRAWINGS FOR FURTHER DETAILS ON INTERNAL PLUMBING (TYP).

REFER TO 123194-ND FOR ADDITIONAL NOTES & DETAILS

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.

4. REVISED WATER ENTRY	DEC 03/2025	ARM	1:250	SCALE
3. ISSUED FOR CITY APPROVAL	JUNE 10/2025	ARM	0 2 4 6 8 10	DESIGN
2. REVISED PER CITY COMMENTS	FEB 28/2025	ARM	1:250	ARM
1. ISSUED FOR SITEPLAN APPLICATION	OCT/17/24	ARM	1:250	ARM
No.	REVISION	DATE	BY	GJM



NOVATECH

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PROJECT No. 123194  
REV 4  
DRAWING No. 123194-GP  
CITY PLAN No. 19281

