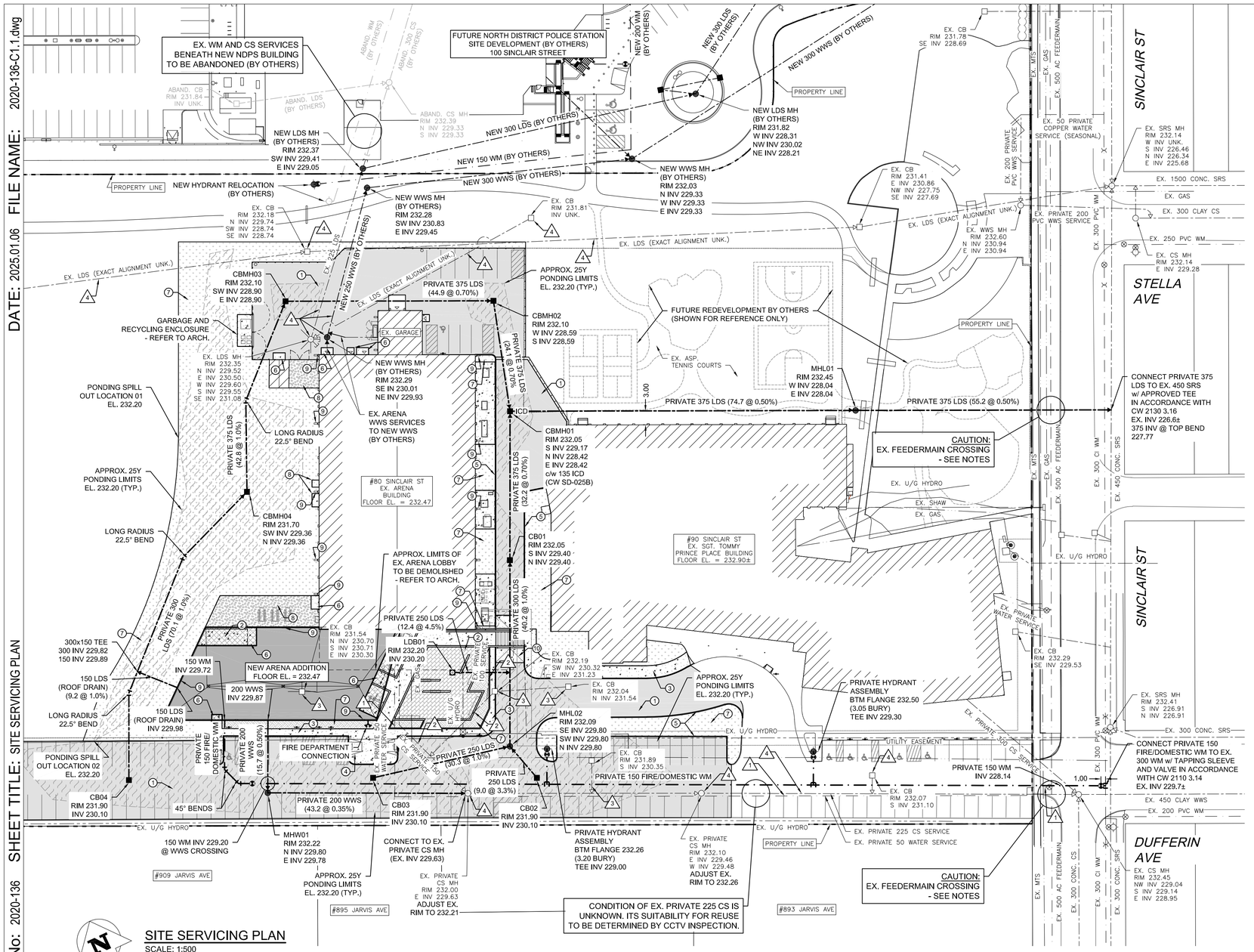
DATE: 2025.01.06 FILE NAME: 2020-136-C1.1.dwg

PROJECT No: 2020-136 SHEET TITLE: SITE SERVICING PLAN

ADDRESS: 80 SINCLAIR STREET

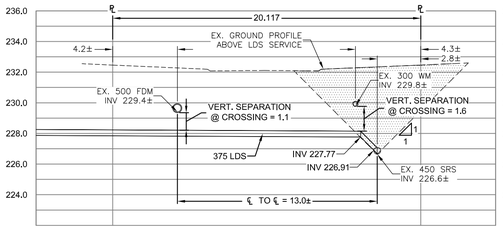


SITE SERVICING PLAN

SCALE: 1:500

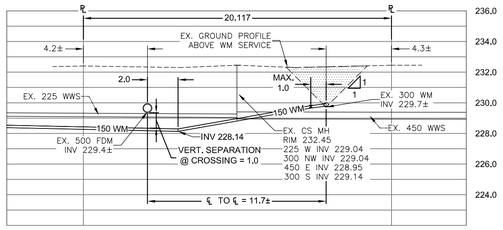
PROFILE NOTE:

VERTICAL SEPARATION DIMENSIONS ARE SHOWN FROM OUTSIDE WALL OF PIPE TO OUTSIDE WALL OF PIPE.



375 LDS SERVICE FEEDERMAIN CROSSING AND CONNECTION PROFILE

HOR./ VERT. SCALE = 1:200



150 WM SERVICE FEEDERMAIN CROSSING AND CONNECTION PROFILE

HOR./ VERT. SCALE = 1:200

KEYNOTES - GENERAL

1. ASPHALT PAVEMENT
2. CONCRETE / UNIT PAVER PLAZA (REFER TO LANDSCAPING)
3. MONOLITHIC CURB AND SIDEWALK
4. CURB RAMP c/w DWST PER CW SD-229
5. PINNED BARRIER CURB
6. STRUCTURAL CONCRETE LANDING (REFER TO STRUCTURAL)
7. GRASS OR PLANTING AREA (REFER TO LANDSCAPING)
8. GRAVEL PAD
9. DOWNSPOUT OR OVERFLOW SCUPPER (REFER TO ARCHITECTURAL)
10. CONCRETE TABLETOP CROSSING

REFER TO CIVIL DWG C2.1 FOR SITE GRADING AND PAVEMENT DETAILS

REFER TO CIVIL DWG C1.2 FOR STORMWATER MANAGEMENT PLAN DETAILS

KEY NOTES:
EXISTING SITE SERVICING REMOVALS & ABANDONMENTS

1. CUT OFF AT MAIN, PLUG AND ABANDON EXISTING WATER SERVICE PIPE AND REMOVE EXISTING VALVES IN ACCORDANCE WITH CW 2110 3.16.
2. PLUG AND ABANDON EXISTING WASTEWATER SEWER, LAND DRAINAGE SEWER AND SERVICE PIPE, IN ACCORDANCE WITH CW 2130 3.19. PERFORM A VIDEO INSPECTION TO CONFIRM NO ACTIVE SEWERS ARE CONNECTED TO THE SEWER PIPE PRIOR TO ABANDONMENT.
3. REMOVE EXISTING MANHOLES AND CATCH BASINS, IN ACCORDANCE WITH CW 2130 3.20.
4. EXISTING OR NEW WASTEWATER SEWER, LAND DRAINAGE SEWER, SERVICE PIPE, MANHOLES AND CATCH BASINS TO REMAIN.

SURVEY INFORMATION AS SHOWN PROVIDED BY PHILLIPS & STEVENS AND DATED OCTOBER 2021 AND JANUARY 2024.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

GENERAL CONSTRUCTION NOTES:

1. ALL CONSTRUCTION AND MATERIALS INCORPORATED IN THE WORK SHALL CONFORM TO THE LATEST EDITION OF THE CITY OF WINNIPEG "STANDARD CONSTRUCTION SPECIFICATIONS", UNLESS NOTED OTHERWISE.
2. LOCATIONS OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE, EXACT LOCATION AND DEPTH OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.
3. LOCATIONS OF PROPERTY LIMITS AND EXISTING AND/OR PROPOSED FEATURES RELATIVE TO THESE LIMITS AS SHOWN DO NOT REPRESENT A LEGAL SURVEY. SBC INC. MAKES NO REPRESENTATION OR GUARANTEE THAT THE PROPERTY LIMIT INFORMATION SHOWN IS ACCURATE, AND ACCEPTS NO RESPONSIBILITY FOR ANY DAMAGES SUFFERED BY ANY THIRD PARTY AS A RESULT OF DECISIONS OR ACTIONS BASED ON THIS DRAWING.
4. ALL SURFACES AND ANY EXISTING UTILITIES DAMAGED OR DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO IT'S ORIGINAL CONDITION OR BETTER, OR REPLACED, AT THE CONTRACTOR'S EXPENSE.

SITE SERVICING NOTES:

1. SITE SERVICES CONTRACTOR SHALL SOFT DIG, EXPOSE AND CONFIRM LOCATIONS AND INVERT ELEVATIONS OF EXISTING WATERMAINS, SEWERS AND OTHER UTILITIES AT PROPOSED PIPE CROSSING OR CONNECTION LOCATIONS PRIOR TO ANY INSTALLATION OF UNDERGROUND SERVICE TO DETERMINE IF THERE WILL BE ANY CONFLICT WITH THE PROPOSED WORK. IF THERE IS A CONFLICT, CONTRACTOR TO MAKE ARRANGEMENTS WITH CONSULTANT AND OWNER TO MODIFY PROPOSED PIPE ALIGNMENT AND GRADES AND/OR RELOCATE EXISTING SERVICES AS REQUIRED.
2. WATERMAINS (WM) SHALL BE PVC C-900, SIZE AS NOTED. FIRE HYDRANTS SHALL BE ROTATED TO HAVE PUMPER NOZZLE PERPENDICULAR TO AND FACING THE DRIVE AISLE. HYDROSTATIC LEAKAGE AND DISINFECTION TESTING SHALL BE COMPLETED IN ACCORDANCE WITH CW 2125 AND SUBMITTED TO THE CIVIL CONSULTANT FOR REVIEW PRIOR TO BEING PUT INTO SERVICE.
3. WATER METER FOR BUILDING TO BE INSTALLED BY THE MECHANICAL CONTRACTOR IN ACCORDANCE WITH SD-027E.
4. WASTEWATER SEWERS (WWS) SHALL BE PVC SDR 35, SIZE AS NOTED, MANHOLES (MHW) SHALL HAVE A 1200 mm DIAMETER BARREL AND A STANDARD FRAME AND SOLID COVER. SEWER AND MANHOLE VIDEO INSPECTION SHALL BE COMPLETED IN ACCORDANCE WITH CW 2145 AND SUBMITTED TO THE CIVIL CONSULTANT FOR REVIEW.
5. LAND DRAINAGE SEWERS (LDS) SHALL BE PVC SDR 35, SIZE AS NOTED, MANHOLES (MHL) AND CATCH BASIN MANHOLES (CBMH) SHALL HAVE A 1200 mm DIAMETER BARREL, CATCH BASINS (CB) SHALL HAVE A 900 mm DIAMETER BARREL. MANHOLES SHALL HAVE A STANDARD FRAME AND SOLID COVER. CATCH BASIN MANHOLES AND CATCH BASINS SHALL HAVE A 600 mm SUMP DEPTH AND A STANDARD FRAME AND GRATED COVER. SEWER AND MANHOLE VIDEO INSPECTION SHALL BE COMPLETED IN ACCORDANCE WITH CW 2145 AND SUBMITTED TO THE CIVIL CONSULTANT FOR REVIEW.
6. LANDSCAPE DRAIN BASINS (LDB) SHALL BE PVC WITH INTEGRATED DUCTILE IRON FRAME & GRATE COVERS MANUFACTURED BY NYLOPLAST, OR APPROVED EQUAL. LANDSCAPE DRAIN BASINS SHALL HAVE A 600 mm DIAMETER BARREL AND A PEDESTRIAN LOCKING GRATE ASSEMBLY.
7. TRENCHLESS INSTALLATION OR COMPACTED CLASS 2 BACKFILL SHALL BE USED WITHIN 2.0 m OF ALL EXISTING AND PROPOSED PAVEMENT AND GRAVEL SURFACES.
8. CONTRACTOR SHALL COORDINATE EXACT ENTRY LOCATION AND DEPTH OF SERVICES AT BUILDINGS WITH PLUMBING CONTRACTOR AND CONSTRUCTION SITE SUPERVISOR PRIOR TO INSTALLATION.

CITY OF WINNIPEG REQUIREMENTS FOR UNDERGROUND WORKS IN PROXIMITY TO LARGE DIAMETER WATERMAINS:

1. CONTACT THE CITY OF WINNIPEG WATER & WASTE DEPARTMENT CONSTRUCTION SERVICES COORDINATOR AT 204-986-4289, 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.
2. PRIOR TO ANY CONSTRUCTION, THE LARGE DIAMETER WATERMAIN MUST BE EXPOSED BY A SOFT DIG METHOD SO AS TO CONFIRM DEPTH AND LOCATION.
3. A MINIMUM CLEARANCE OF 1.0 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING LARGE DIAMETER WATERMAIN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHODS ONLY.

EXISTING LARGE DIAMETER WATERMAIN
1 METER MINIMUM
PROPOSED WORKS

4. A MINIMUM CLEARANCE OF 0.5 METERS MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF THE EXISTING LARGE DIAMETER WATERMAIN BY TRENCHLESS METHODS OR OPEN TRENCH.

PROPOSED WORKS
0.5 METERS MINIMUM
EXISTING LARGE DIAMETER WATERMAIN

5. A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 METERS FROM THE CENTRELINE OF THE LARGE DIAMETER WATERMAIN TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES OVER OR UNDER THE LARGE DIAMETER WATERMAIN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.
6. CONCRETE DEMOLITION AND REMOVAL WITHIN 3.0 m HORIZONTALLY OF THE LARGE DIAMETER WATERMAIN SHALL BE COMPLETED BY SAWCUTTING AND REMOVAL OR BY THE USE OF HANDHELD JACKHAMMERS. USE OF MACHINE MOUNTED CONCRETE BREAKERS ABOVE THE FEEDERMAIN SHALL NOT BE PERMITTED.
7. DO NOT OPERATE VIBRATORY EQUIPMENT OVER OR WITHIN 3.0 m OF THE LARGE DIAMETER WATERMAIN CENTRELINE.
8. INSTALLATION EQUIPMENT FOR THE PROPOSED WORKS SHALL NOT CROSS OR TRAVEL ALONG EITHER SIDE OF THE LARGE DIAMETER WATERMAIN WITHIN A LATERAL DISTANCE OF 5.0 m FROM THE CENTRELINE OF THE LARGE DIAMETER WATERMAIN.

150 WM	WATERMAIN	150 WM
250 WWS	WASTEWATER	150 WWS
300 LDS	LAND DRAINAGE SEWER	300 LDS
	HYDRANT ASSEMBLY	
	GATE VALVE	
	CURB STOP	
	MANHOLE	
	CATCH BASIN	
	SURVEY BAR	
	SIGN	
	UTILITY POLE	
	UTILITY PEDESTAL	
	HYDRO	
	GAS	
	COMMUNICATIONS	
	CULVERT	
	SWALE	
	DIRECTION OF FLOW	
#235.38	SURVEY ELEVATION	
235.38	GROUND ELEVATION	235.38
235.400	PAVEMENT ELEVATION	235.400
235.38	DITCH / SWALE ELEVATION	235.38
EXISTING	LEGEND	PROPOSED

No.	REVISION/DESCRIPTION	BY	DATE
3	ISSUED FOR CONSTRUCTION	JLT	25.01.06
2	REVISED PER CITY COMMENTS	JLT	24.12.10
1	ISSUED FOR DEVELOPMENT PERMIT	JLT	24.10.30

SEAL

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Sison Blackburn Consulting Inc.
No. 5581

PROVINCE OF MANITOBA J.L. TAPLIN Member 36757 25/01/06 REGISTERED PROFESSIONAL ENGINEER

DRAWN	CHECKED	DESIGNED	APPROVED
JLT	RC	RC/JLT	-

DATE 2025.01.06 | USER APPROVAL -

Winnipeg

THE CITY OF WINNIPEG
ASSETS and PROJECT MANAGEMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION

PROJECT 3-65 GARRY STREET, R3C 4K4

REDEVELOPMENT OF THE OLD EXHIBITION ARENA ISSUED FOR CONSTRUCTION

80 SINCLAIR STREET

SHEET TITLE

SITE SERVICING PLAN

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2020-136	C1.1

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1