



CONSTRUCTION NOTES:

1. OUTFALL PIPING TO BE INSTALLED WITH CLASS B BEDDING, 300mm DRAINAGE COURSE (TYPE 3 MATERIAL), GRANULAR PIPE BEDDING AND BACKFILL (TYPE 2 MATERIAL) AND CLASS 4 BACKFILL.
2. PIPE SURROUND TO INCLUDE GEOTEXTILE WRAP.

GENERAL NOTES:

1. CHAINAGE IS ALONG CENTRELINE OF PROPOSED 600 LAND DRAINAGE SEWER.
2. SEE SPECIFICATIONS FOR DETAILED TEST HOLE INFORMATION.



150 WM	WATERMAIN	150 WM	→	SWALE	→	RIGHT-OF-WAY	
400 FM	FEEDERMAIN	400 FM	○	MANHOLE	●	GAS	
300 LDS	LAND DRAINAGE SEWER	300 LDS	□	CATCHBASIN	■	HYDRO	
250 WWS	WASTEWATER SEWER	250 WWS	⊞	HYDRO BOX		MTS	
300 CS	COMBINED SEWER	300 CS	●	HYDRO POLE		DETECTABLE WARNING TILE	□
200 FCM	FORCEMAIN	200 FCM	●	LIGHT STANDARD	×31.175	ELEVATION	(32.123)
	JUNCTIONS		+	ANCHOR		SIDEWALK	▨
	HYDRANT		⊕	TREE		CURB	▩
	VALVE		⊕	SURVEY BAR		ASPHALT	▨
	CURB STOP		⊕	SIGNAL CONTROLLER		CONCRETE	▩
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE COMMITTEE

NOTE: LOCATION 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 AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.			
0	ISSUED FOR TENDER	15.09.24	KJM
NO.	REVISIONS	DATE	BY

TETRA TECH	
DESIGNED BY: GWC	CHECKED BY: KJM
DRAWN BY: GMD	APPROVED BY: EFS
HOR. SCALE: 1 : 250	ACCEPTED BY: DATE
VERTICAL: 1 : 50	ORIGINAL DRAWING SIGNED BY: D.N. BURNEY, P.ENG. 15.09.24
	D.N. BURNEY, P.ENG. BRIDGE PROJECTS ENGINEER



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

NESS AVENUE AT STURGEON CREEK BRIDGE CONSTRUCTION

600 LAND DRAINAGE SEWER & OUTFALL

CITY DRAWING NUMBER: P-3465-15-014
SHEET 61 OF 64

CONSULTANT DRAWING NO. 1400070800-DWG-C0061

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