



GENERAL NOTES:

1. BASE LINE IS SOUTH LIMIT OF RIGHT OF WAY.
2. EXPOSE ALL COMMUNICATION AND POWER DUCTS/LINES BY HYDROVAC EXCAVATION.
3. BACKFILL IN OPEN CUT TRENCHES SHALL BE CLASS 4 BACKFILL WITH CLASS B BEDDING. BACKFILL UNDER OR WITHIN 1.0m OF ROADWAY SHALL BE CLASS 2 BACKFILL WITH CLASS B BEDDING EXCEPT AS NOTED.

BENCHMARK NOTES:

DRAWING COORDINATES ARE UTM NAD83 - SCALE FACTOR 0.99983

B.M. No.	NORTHING	EASTING	ELEVATION
PILE 136	5523873.734	647764.406	236.242
PILE 133	5523256.606	647782.387	236.056

NOTE:

A. 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.



150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	300mm L.D.S.	LAND DRAINAGE SEWER	250mm W.W.S.	WASTEWATER SEWER	CONCRETE	PROPERTY LINE	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	LEGEND - PLAN	PROPOSED
◇	HYDRANT	+	M.T.S.	300mm L.D.S.	□	250mm W.W.S.	WASTEWATER SEWER	ASPHALT	SURVEY BAR	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
⊙	VALVE	○	CONCRETE	250mm W.W.S.	○	MANHOLE	MANHOLE	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
⊙	LAND DRAINAGE SEWER	⊙	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
⊙	WASTEWATER SEWER	⊙	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
○	MANHOLE	○	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
□	CATCH BASIN	□	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
▽	CURB INLET	▽	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
+	JUNCTIONS	+	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
—	CULVERT	—	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED
—	GAS	—	ASPHALT	250mm W.W.S.	□	CATCH BASIN	CATCH BASIN	PROPERTY LINE	ELEVATION	391.0	RAIL X-ING SIGNAL	391.0	RAILWAY TRACK	EXISTING	PROPOSED

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. 00 ISSUED FOR TENDER 07/07/30 DA NO. REVISIONS DATE BY		CH2M HILL Frederickson Cooper ARCHITECTS DESIGNED BY KWF CHECKED BY GK DRAWN BY MAF APPROVED BY AHL SCALE: HORZ. 1:500 VERT. 1:50 RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI DATE 2005/12/09 DATE 2007/7/30		EarthTech A Tyco International Ltd. Company ENGINEER'S SEAL PROVINCE OF MANITOBA ORIGINAL SIGNED BY K.W. FITCHETT 30/07/2007 REGISTERED PROFESSIONAL ENGINEER CONSULTANT DRAWING NO. WZ-C0113		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION WATER TREATMENT PLANT SUPPLY AND INSTALLATION OF FORCEMAIN CIVIL GWWD AQUEDUCT R.O.W. STA. 9+90 TO STA. 13+40		CITY FILE NUMBER SHEET 14 OF 22 CITY DRAWING NUMBER 1-0601Z-C-C0113-001-000	
---	--	--	--	---	--	--	--	---	--	--	--