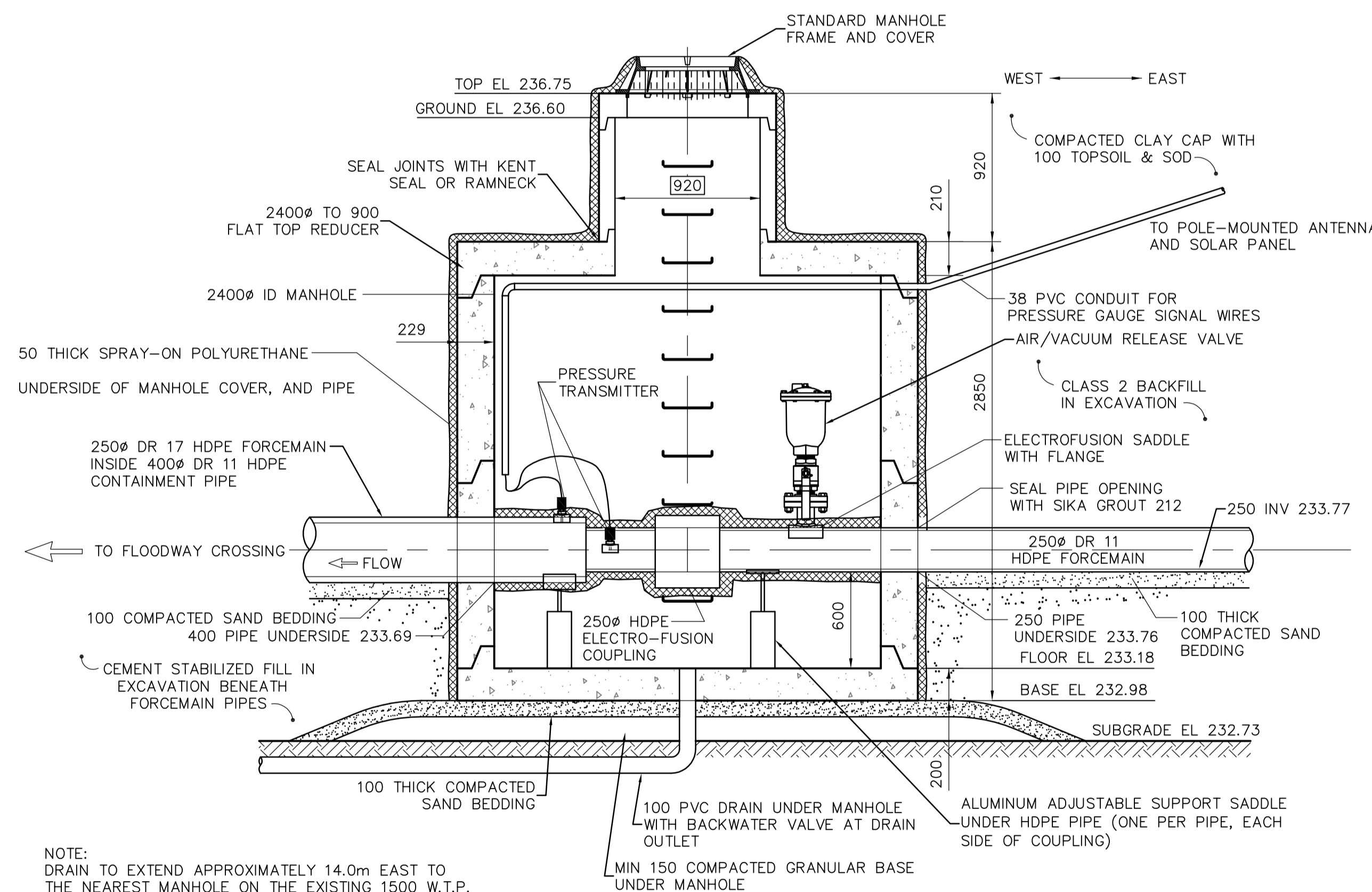


PLAN VIEW
SCALE 1:25



NOTE:
DRAIN TO EXTEND APPROXIMATELY 14.0m EAST TO THE NEAREST MANHOLE ON THE EXISTING 1500 W.T.P. DRAIN. PROVIDE POSITIVE SLOPE DRAIN.

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.

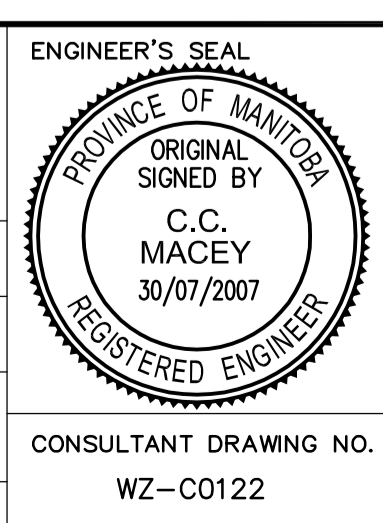
4 PRESSURE MONITORING MANHOLE AND AIR/VACUUM RELEASE VALVE CHAMBER ARC 03
1:25 SECTION



150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	300mm L.D.S.	LAND DRAINAGE SEWER	250mm W.W.S.	WASTEWATER SEWER	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	TREE	ANODE	CONCRETE SIDEWALK	FENCE	LEGEND - PLAN	PROPOSED	
◇	HYDRANT	+	M.T.S.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
⊙	VALVE	○	CONCRETE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	LAND DRAINAGE SEWER	---	ASPHALT	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	WASTEWATER SEWER	---	PROPERTY LINE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
○	MANHOLE	●	SURVEY BAR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
□	CATCH BASIN	■	ELEVATION	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
▽	CURB INLET	▼	TREE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	JUNCTIONS	---	ANODE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	CULVERT	---	CONCRETE SIDEWALK	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	GAS	---	FENCE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	EXISTING	---	LEGEND - PLAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	LEGEND - PLAN	---	PROPOSED	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

B.M. ELEV.	DATE	BY	REVISIONS
00	ISSUED FOR TENDER	07/07/30	DA
NO.	REVISIONS	DATE	BY

DESIGNED BY	CHECKED BY	DRAWN BY	APPROVED BY	SCALE	RELEASED FOR CONSTRUCTION BY
KWF	DY	JS	CCM	AS NOTED	R. SOROKOWSKI
DATE	DATE	DATE	DATE		
2005/12/09	2007/7/30				



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
SUPPLY AND INSTALLATION
OF FORCEMAIN

CIVIL
MANHOLE AND VALVE CHAMBER
PLAN AND SECTION AND DETAILS

CITY FILE NUMBER
SHEET 23 OF 23
CITY DRAWING NUMBER
1-0601Z-C-C0122-001-00D

CONSULTANT DRAWING NO. WZ-C0122