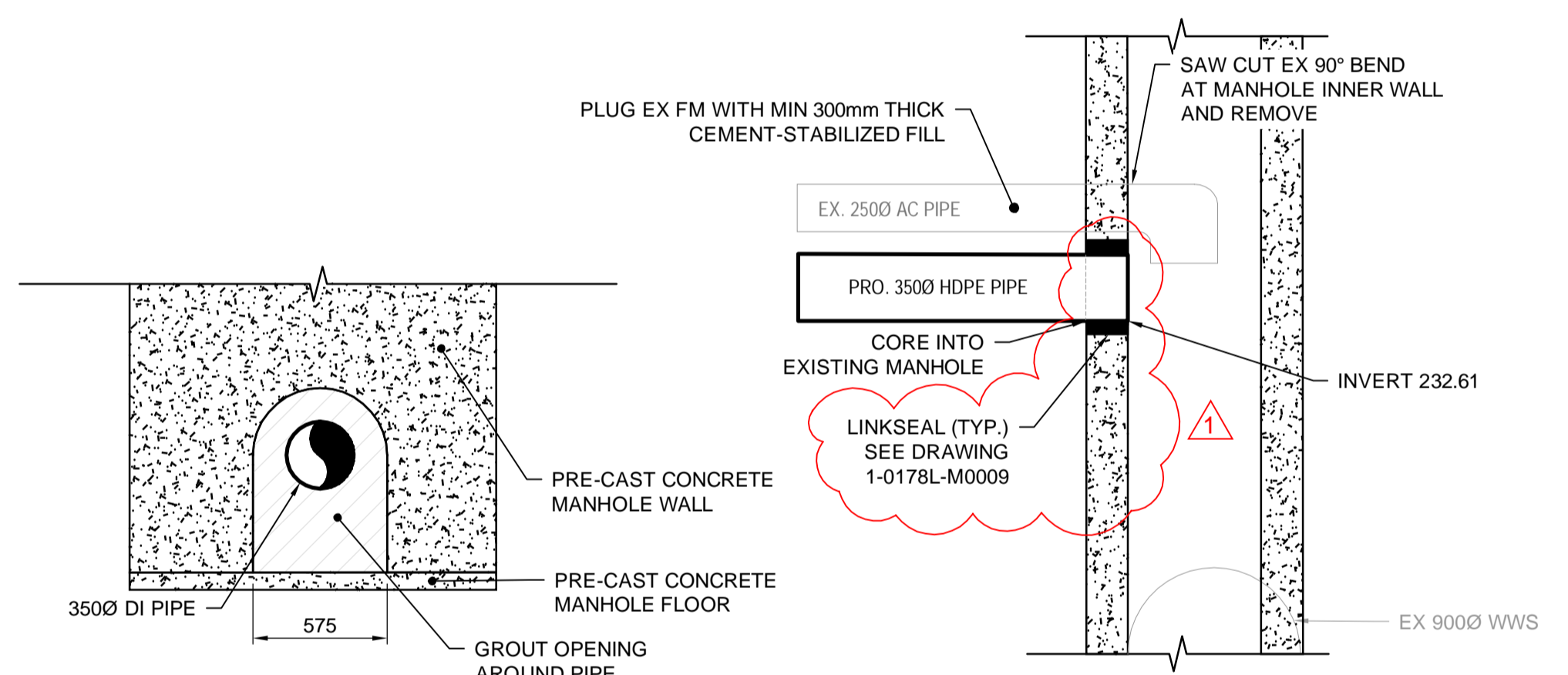
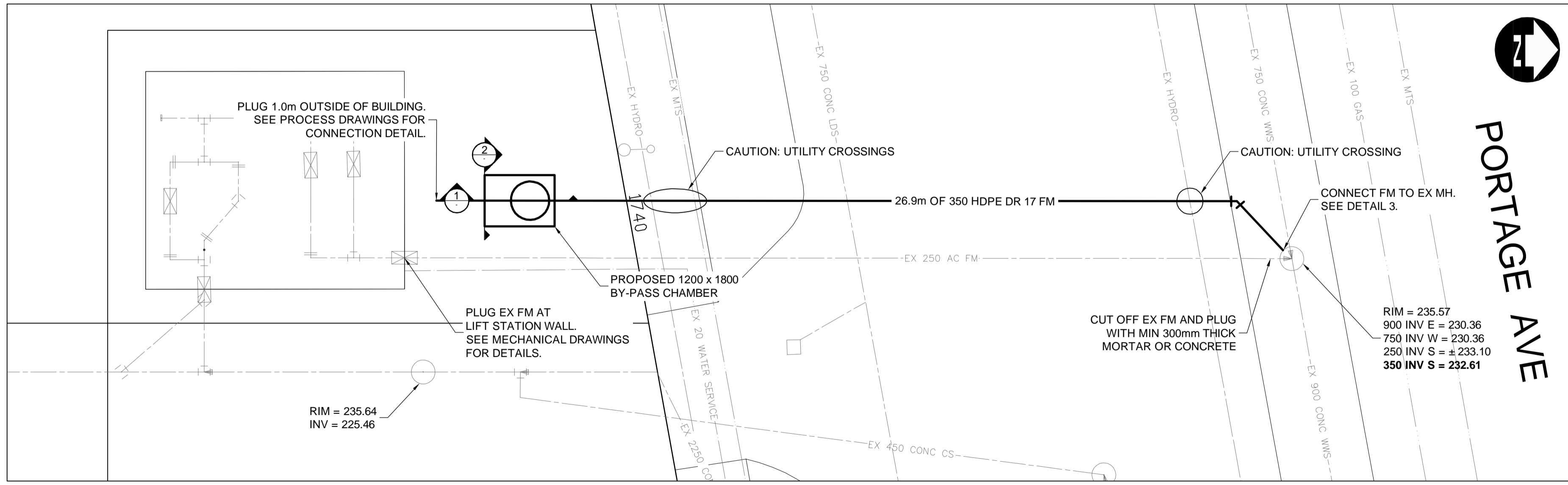


1 BY-PASS CHAMBER SECTION
SCALE: NTS



2 PIPE OPENING DETAIL
SCALE: NTS

3 MANHOLE CONNECTION DETAIL
SCALE: NTS



- FORCE MAIN CONSTRUCTION NOTES:**
1. LOCATION OF ALL EXISTING SERVICES INDICATED ARE BASED ON THE BEST AVAILABLE INFORMATION. ALL SERVICES MAY NOT BE SHOWN AND ACCURACY IS NOT GUARANTEED.
 2. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION TO CONFIRM ELEVATIONS.
 3. INSTALL FORCEMAIN BY TRENCHLESS METHODS ACROSS PORTAGE AVENUE.
 4. TRENCHES AND EXCAVATIONS WITHIN 1.0 m OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
 5. ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS UNLESS INDICATED OTHERWISE.
 6. WHERE CROSSING AN EXISTING WATERMAIN, THE FORCE MAIN SHALL BE INSTALLED TO MAINTAIN A MINIMUM 0.5m VERTICAL CLEARANCE BETWEEN THE PIPES IF INSTALLED BELOW OR 1.0m VERTICAL CLEARANCE BETWEEN THE PIPES IF INSTALLED ABOVE THE WATERMAIN. WHERE CROSSING AN EXISTING LAND DRAINAGE SEWER, THE MAIN SHALL BE INSTALLED TO MAINTAIN A MINIMUM 0.5m VERTICAL CLEARANCE BETWEEN THE PIPES.

DRAWING NUMBER	REFERENCE DRAWINGS

NOT FOR CONSTRUCTION
ISSUED FOR TENDER

2 0 2
SCALE: 1:100 METRES

**ENGINEERS
GEOLOGISTS
MANITOBA**
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: _____

NO.	REVISIONS	DATE	DESIGN	CHECK
1	ISSUED FOR ADDENDUM 5	2023/08/09	SDG	-
0	ISSUED FOR TENDER	2023/07/20	SDG	-

DILLON CONSULTING

DESIGNED BY: SDG
DRAWN BY: TJH
SCALE: H=1:100, V=1:20
DATE: JUNE 2023
CONSULTANT NO.: 22-3229

CHECKED BY: -
APPROVED BY: -
RELEASED FOR CONSTRUCTION BY: -
DATE: -

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

RIVERBEND LIFT PUMPING STATION
2022 UPGRADES
CIVIL FORCEMAIN PLAN--PROFILE

CITY DRAWING NUMBER: 1-0178L-C0001
SHEET: 001
REV: 01
SIZE: A1

223229-CU-CON.dwg