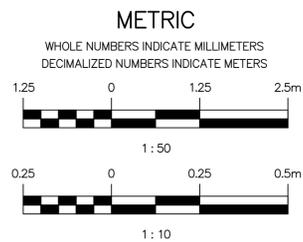


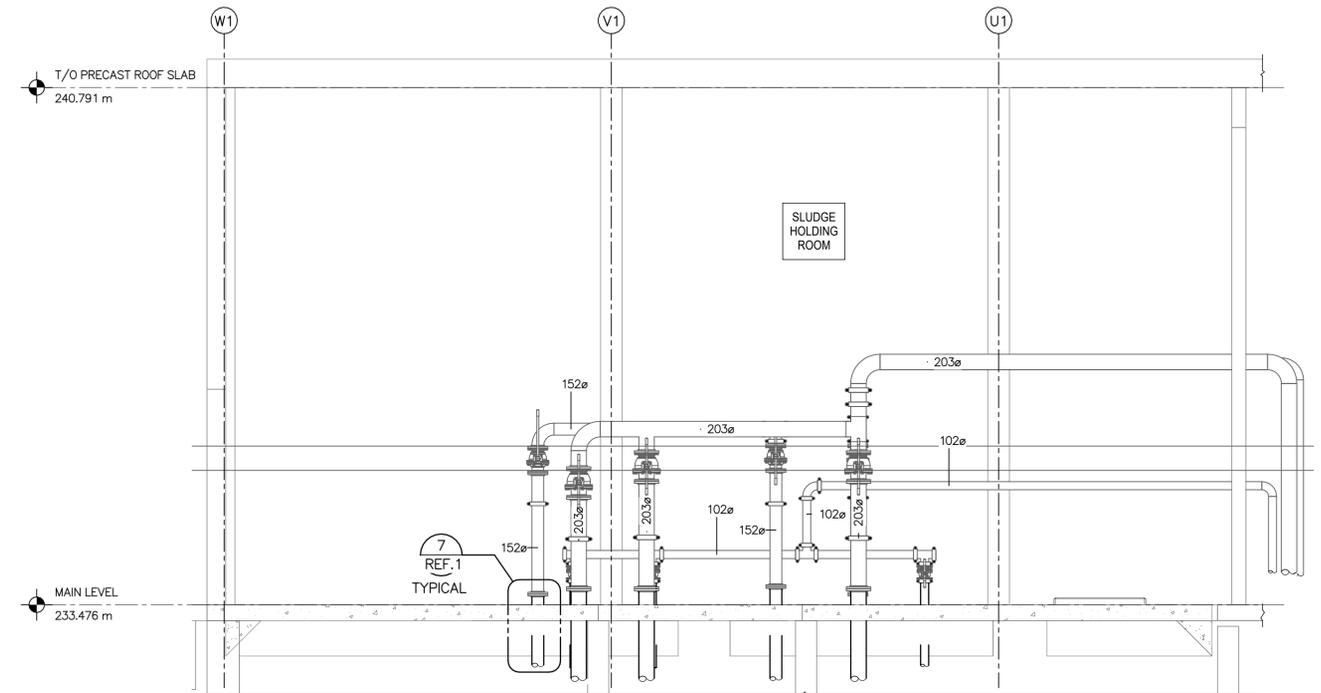
**MAIN LEVEL – NEW WORK (EL. 233.476m)**  
SCALE: 1:50



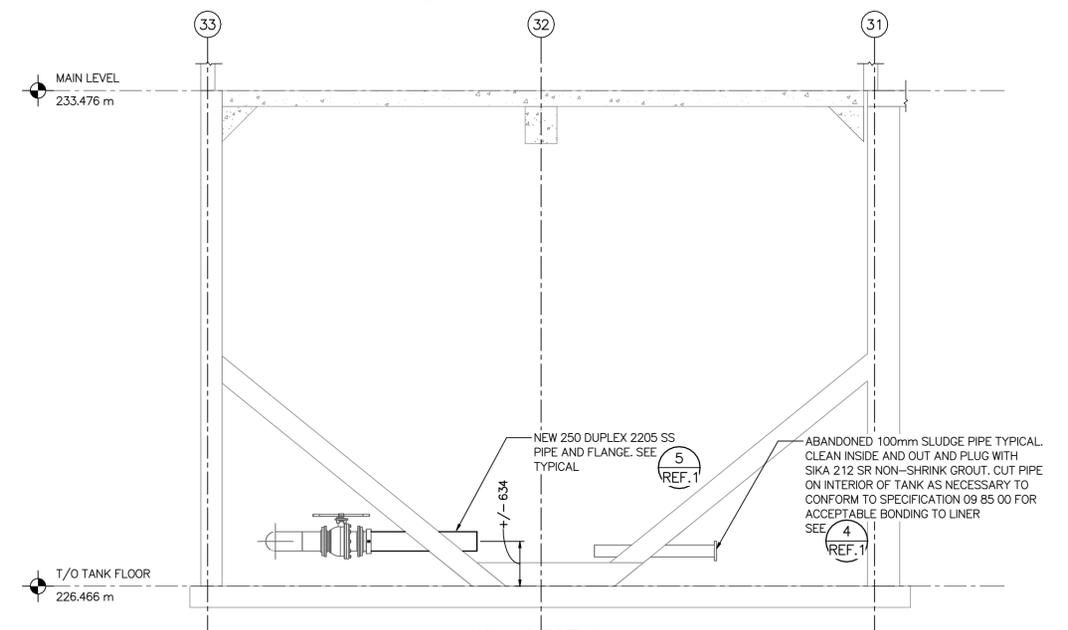
**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**  
Certificate of Authorization  
MPE Engineering Ltd.  
No. 5643 Date: 2026-02-13

**NOTES:**

1. ALL ITEMS SHOWN BOLD AND BLACK INDICATE NEW CONSTRUCTION. SOLID AND GREY LINES INDICATE EXISTING TO REMAIN.
2. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATION.
3. CONTRACTOR TO PROVIDE SUPPORT FOR PIPING AND FITTINGS IN ACCORDANCE WITH SPECIFICATION SECTION 23 05 29 AND AS PER MANUFACTURER'S RECOMMENDATIONS.
4. COORDINATE PLUMBING LINES AND FIXTURE/EQUIPMENT WITH OTHER DISCIPLINES.
5. ALL PIPE PENETRATIONS THROUGH NEW OR EXISTING CONCRETE TO BE PREPARED AND BONDED TO THE TANK LINER ACCORDING TO DETAIL 6 ON ON 1-0102-PDTL-D001 AND ACCORDING TO SPECIFICATION 09 85 00.
6. FOR HAZARDOUS AREAS DEFINITION, REFER TO TENDER 387-2025 SECTION E.
7. SALVAGE AND RE-INSTALL EXISTING LEVEL TRANSDUCERS IN THE SAME ARRANGEMENT AND ELEVATION AS EXISTING. CONTRACTOR TO DOCUMENT ALL INSTALLATION ELEVATIONS PRIOR TO DEMOLITION. SEAL ALL CONDUIT PENETRATIONS TO HAZARDOUS AREAS WITH EYS SEALS AS REQUIRED. USE NEW JUNCTION BOXES, WIRING, AND CONDUITS AS REQUIRED.



**SECTION – NEW WORK**  
SCALE: 1:50



**SECTION**  
SCALE: 1:50

9		
8		
7		
6		
5		
4		
3		
2		
1	1-0102-PDTL-D001	PROCESS – DETAILS
NO.	DRAWING NUMBER	REFERENCE DRAWINGS TITLE

01	REVISED FOR CONSTRUCTION	2026-02-13	BRB	BRB
00	ISSUED FOR CONSTRUCTION, TENDER NUMBER: 7-2026	2026-01-13	BRB	BRB
NO.	REVISIONS	DATE	DESIGN	CHECK

**MPE**  
a division of Englobe

DESIGNED BY: B. BAKER  
CHECKED BY: B. BAKER  
DRAWN BY: J. BALVERDE  
APPROVED BY: B. BAKER  
SCALE: 1:50  
RELEASED FOR CONSTRUCTION  
DATE: 2026-01-13  
BY: [Signature]  
CONSULTANT NO.: 8400-010-00



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

SOUTH END SEWAGE TREATMENT PLANT (SEWPPC)  
SEWPPC SLUDGE HOLDING TANKS REFURBISHMENT  
AREA D – FERMENTERS/SLUDGE THICKENERS  
PROCESS  
NEW WORK – PLAN AND SECTION

CITY DRAWING NUMBER: 1-0102-PGAD-D015  
SHEET: 01  
REV: A1  
SIZE: A1

M:\N-Datoc\84\00 City of Winnipeg\010 - WSWPPC SEWPPC Sludge Holding Tank Refurbishment\AutoDesk\Revit\8400-10-00\_South Bldg\_Proc\_V24.rvt