

**GENERAL NOTES:**

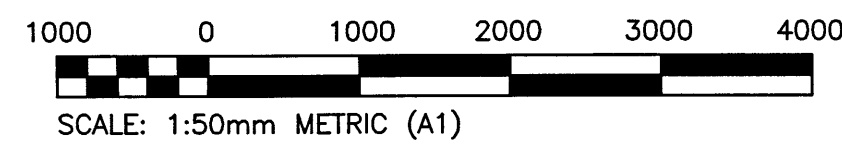
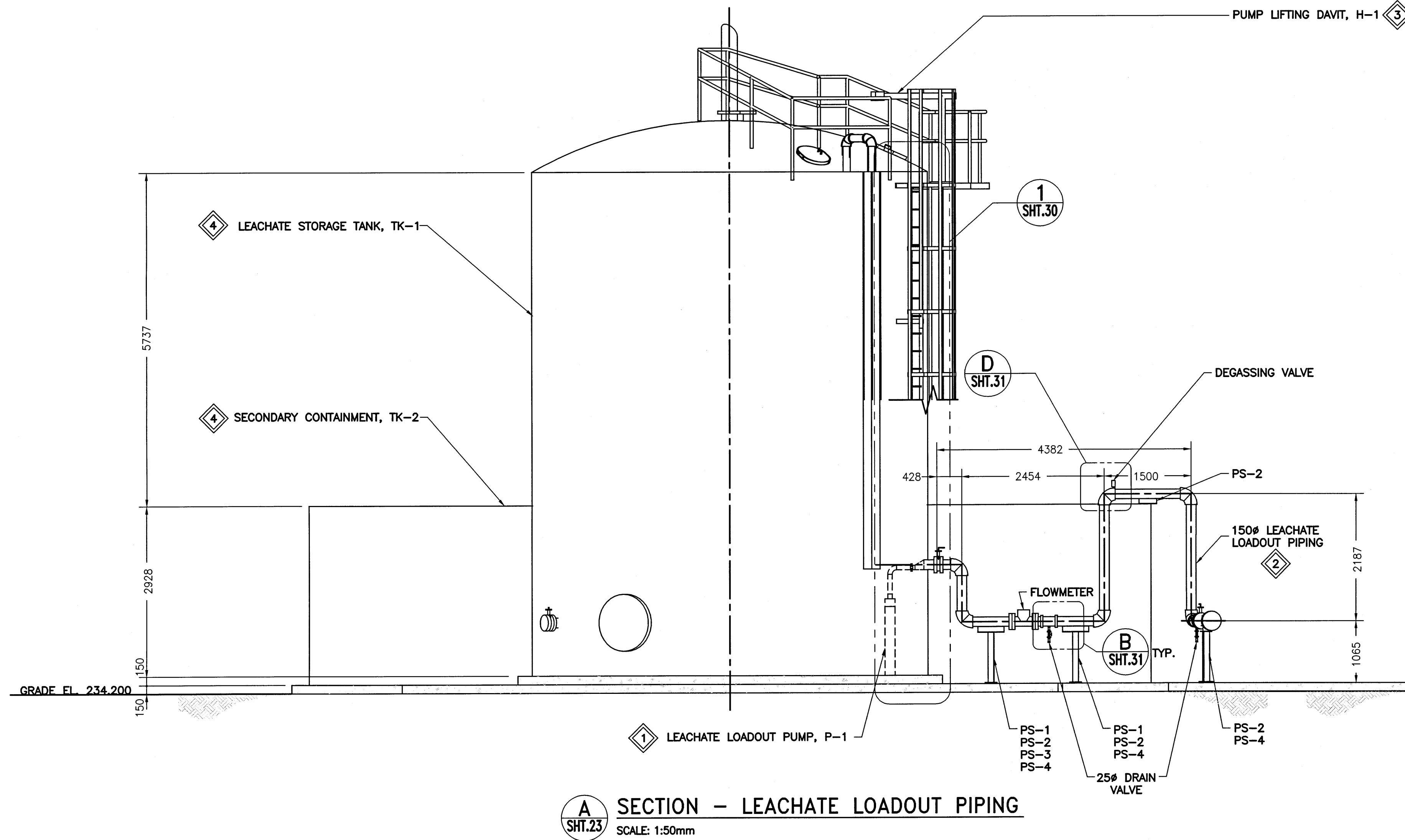
1. REFER TO SHEET 22 FOR MECHANICAL GENERAL NOTES.

**KEYNOTES:**

- 1 SUPPLY AND INSTALL NEW LEACHATE LOADOUT PUMP (P-1) AND ASSOCIATED GUIDE RAIL SYSTEM AND PIPING IN TK-1.
- 2 SUPPLY AND INSTALL NEW 150Ø LEACHATE LOADOUT PIPING FROM TK-1 TO TRUCK LOADOUT.
- 3 SUPPLY AND INSTALL NEW LIFTING DAVIT H-1 ON TANK PLATFORM FOR REMOVAL OF LEACHATE LOADOUT PUMP P-1 FROM TK-1.
- 4 SUPPLY AND INSTALL NEW LEACHATE STORAGE TANK (TK-1), SECONDARY CONTAINMENT TANK (TK-2) AND ASSOCIATED FOUNDATIONS. REFER TO SHEET 26 FOR TANK GENERAL ARRANGEMENT.

**PIPE SUPPORT LEGEND:**

- PS-1 GUIDE, SEE SHEET 32 DETAIL 1
- PS-2 SHOE, SEE SHEET 32 DETAIL 2
- PS-3 ANCHOR, SEE SHEET 32 DETAIL 3
- PS-4 BASE SUPPORT, SEE SHEET 32 DETAIL 4



LOCATION APPROVED  
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

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.	
CONSTRUCTION COMPLETION DATE: YYYY MM DD	
NO.	REVISIONS
0	ISSUED FOR TENDER
	DATE
	BY

**KGS GROUP** CONSULTING ENGINEERS & PROJECT MANAGERS  
WINNIPEG (204) 896-1209  
THUNDER BAY (807) 345-2233

DESIGNED BY MSK CHECKED BY [Signature]

DRAWN BY ML APPROVED BY [Signature]

SCALE: HORIZONTAL AS NOTED VERTICAL AS NOTED

RELEASED FOR CONSTRUCTION DATE 2016 08 17

PLOT DATE: 2017 06 16

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER 15-0107-014\_M04

**FOR TENDER ONLY**  
NOT TO BE USED FOR CONSTRUCTION

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**APEGM**  
Certificate of Authorization  
KGS Group  
No. 245

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

BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF)  
DISPOSAL CELL CONSTRUCTION AND  
LEACHATE COLLECTION AND STORAGE (300,000 LITRE) TANK

**MECHANICAL LEACHATE LOADOUT PIPING SECTION**

SHEET 25 OF 44  
CITY DRAWING NUMBER 1-0400A-M0007-001