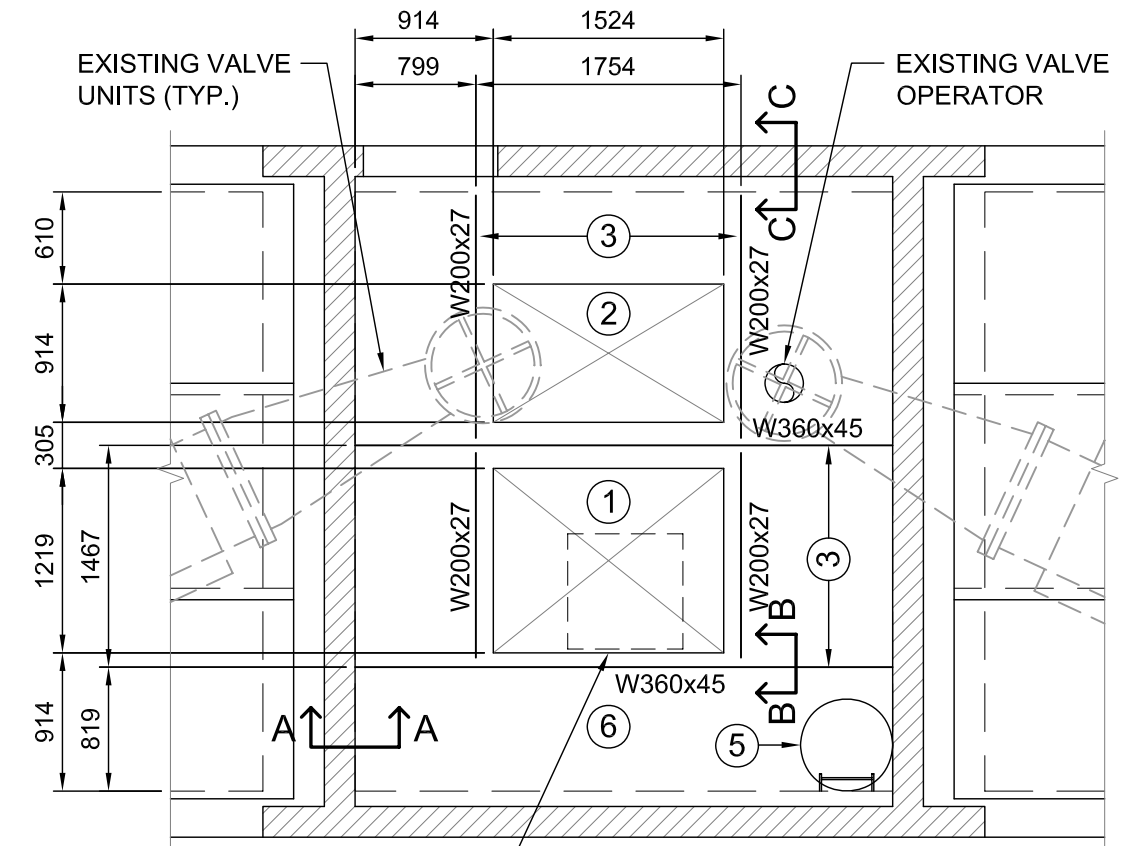


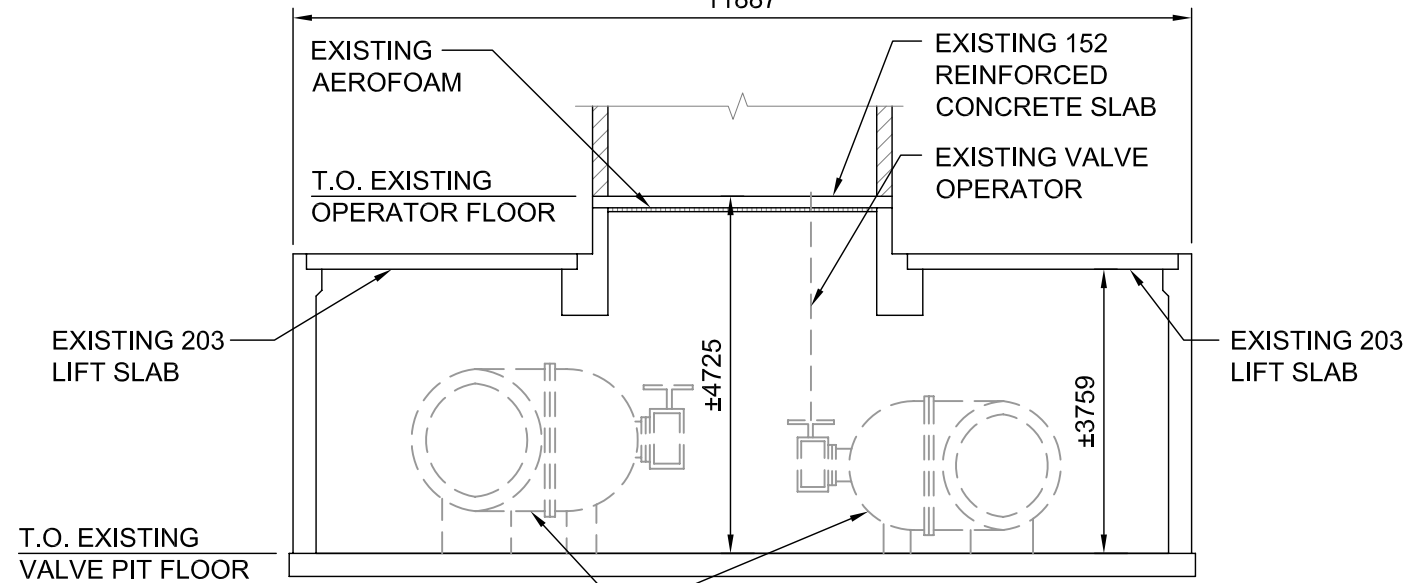
**EXISTING PLAN OF TOP SLABS**

SCALE : 1:100



**REVISIONS TO OPERATOR FLOOR**

SCALE : 1:50



**EXISTING CROSS SECTION**

SCALE : 1:100

**WORK ITEMS:**

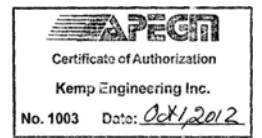
- ① CUT 1219x1524 OPENING AND INSTALL LAPEYRE STAIRS WITH SAFETY GATE.
- ② CUT OPENING TO INSTALL THE 914x1524 BILCO J-AL FLOOR HATCH RATED AT 300 PSF
- ③ INSTALL GALVANIZED STEEL FLOOR BEAMS
- ④ INSTALL HANDRAILS. SEE D-13050 AND D-13051 FOR HANDRAIL PLAN AND DETAILS
- ⑤ REMOVE EXISTING LADDER. INSTALL 6 mm GALVANIZED STEEL LID ON ACCESS EXISTING OPENING
- ⑥ REMOVE EXISTING STYROFOAM INSULATION LOCATED AT FLOOR SOFFIT.

**DESIGN FLOOR LOADS:**

- DESIGN LOAD = 7.2 kPa
- LIFT LOAD SUPPORTED BY A MINIMUM OF TWO (2) POINTS = 22.3 kN (5000 lbs)

**NOTE:**

- SEE D-13048 AND D-13049 FOR STRUCTURAL STEEL BEAM CONNECTION DETAILS.
- SEE D-13052 AND D-13053 FOR HANDRAIL PLAN AND DETAILS.
- EXISTING STRUCTURE DIMENSIONS ARE APPROXIMATE ONLY. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.



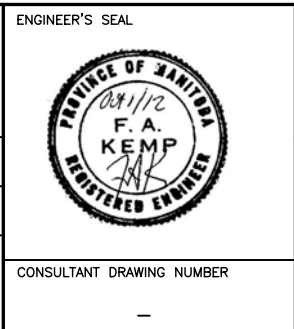
LOCATION APPROVED  
UNDERGROUND STRUCTURES

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	
DESIGNED BY	FAK
CHECKED BY	FAK
DRAWN BY	BH
APPROVED BY	FAK
SCALE: HORIZONTAL	AS NOTED
VERTICAL	
DATE	2012 10 15
RELEASED FOR CONSTRUCTION	
DATE	
NO.	REVISIONS
	DATE
	BY

ENGINEER'S SEAL	
DESIGNED BY	FAK
CHECKED BY	FAK
DRAWN BY	BH
APPROVED BY	FAK
SCALE: HORIZONTAL	AS NOTED
VERTICAL	
DATE	2012 10 15
RELEASED FOR CONSTRUCTION	
DATE	
CONSULTANT DRAWING NUMBER	



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

WILKES AVE RESERVOIR  
WILKES RESERVOIR VALVE PIT B

**ACCESS FLOOR MODIFICATIONS**

SHEET 3 OF 7  
CITY DRAWING NUMBER  
D-13047