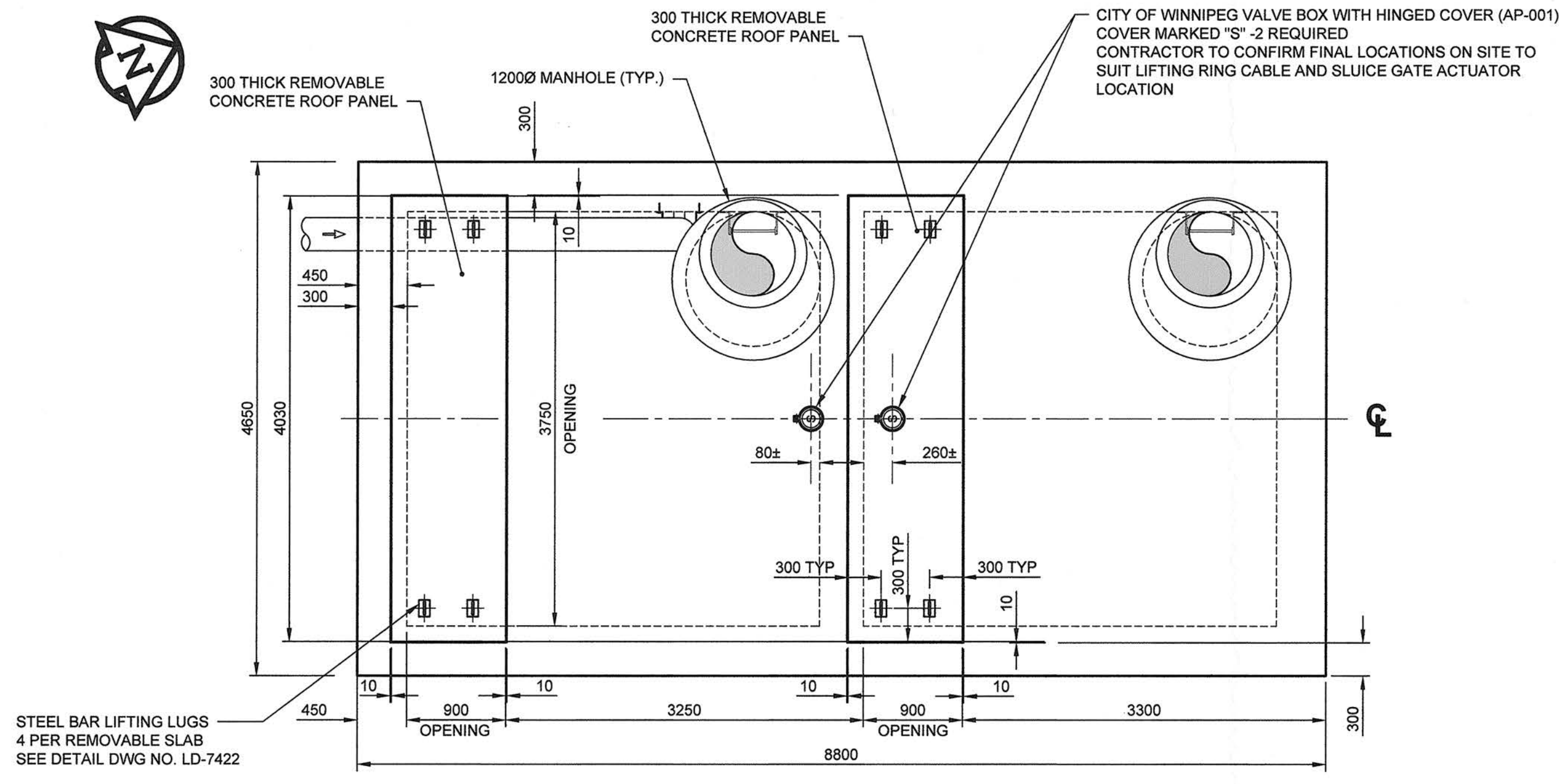
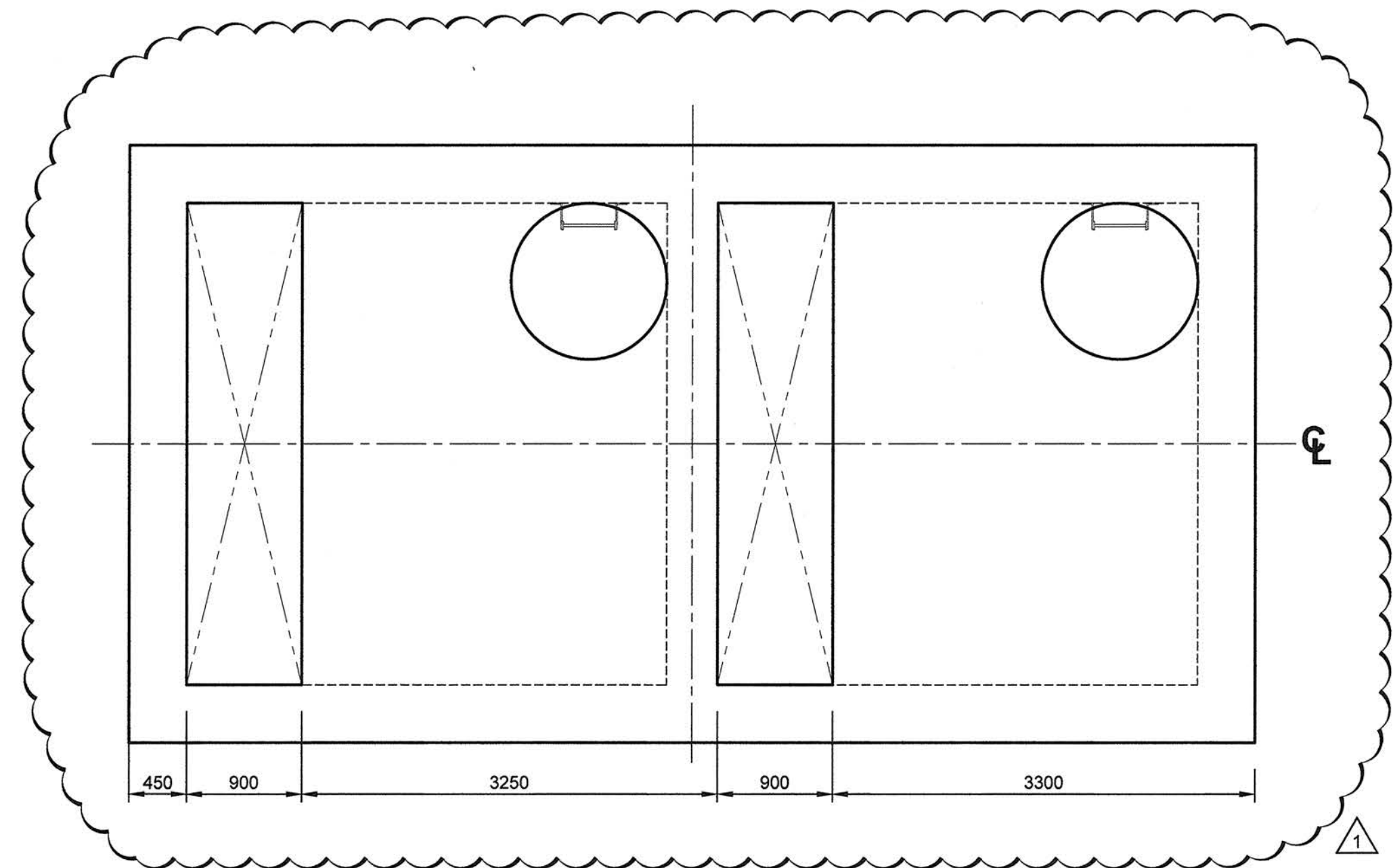


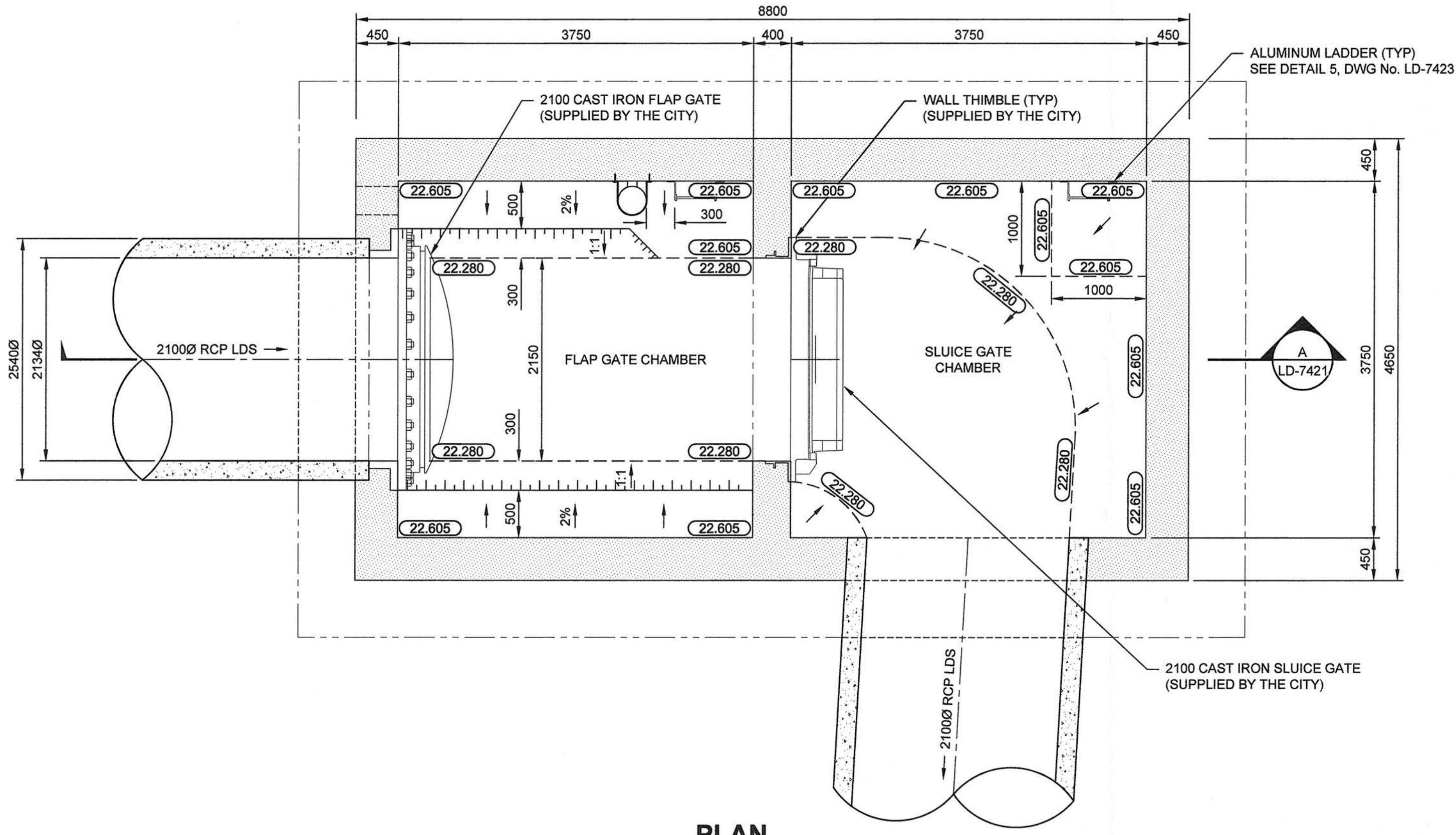
D SIZE 22" x 34" (559mm x 864mm) PLOT: 12/20/2014 11:29:07 AM AECOM REVIEW DRAFT CHK AECOM FILE NAME: P:\02219315\000-CADD\040 CADD-BIM\WIP\Sheets\0402-SHEET\02-SHT-00-Corr4-S-3001.dwg Saved By: benardk



**LAYOUT**  
 EL 230.80±  
 0 1000 2000 mm  
 1:40



**PLAN**  
 EL 229.00  
 0 1000 2000 mm  
 1:40



**PLAN**  
 EL 222.700  
 0 1000 2000 mm  
 1:40

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE IN METERS AND ARE TO GEODETIC DATUM. THE CONTRACTOR SHALL VERIFY DIMENSIONS BEFORE BEGINNING CONSTRUCTION AND REPORT DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
  - THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH AND SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE FOLLOWING BUILDING CODES AND APPLICABLE LOCAL BYLAWS:
    - ACI 350-06 ENVIRONMENTAL STRUCTURES
    - WHERE CONTRADICTORY REQUIREMENTS OCCUR, THE MOST STRINGENT SHALL APPLY.
  - DISCREPANCIES OR AMBIGUITIES ON THE DRAWINGS AND/OR SITE, WHICH AFFECT THE STRUCTURAL FRAMING, SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR.
  - THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND SERVICES PRIOR TO START OF CONSTRUCTION.
  - LOCATION OF CONSTRUCTION JOINTS IS THE RESPONSIBILITY OF THE CONTRACTOR, BUT APPROVAL MUST BE GRANTED BY THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL NECESSARY SHORING, BRACING AND FORMWORK. FORM WORK FOR NEW CONSTRUCTION SHALL BE BRIDGED OVER EXISTING SERVICES. PROCEDURE MUST BE APPROVED BY THE CONTRACT ADMINISTRATOR.
  - NOTIFY THE CONTRACT ADMINISTRATOR AT LEAST 48 HOURS PRIOR TO ALL CONCRETE POURS AND/OR INSTALLATION OF INTERIOR SHEATHING/FORMING, TO ALLOW FOR SITE REVIEWS. ALL CONCRETE WORK TO CSA A23.1 (LATEST).

- CONCRETE**
- ALL CONCRETE WORK TO CSA A23.1 (LATEST). TEST CONCRETE TO CSA A23.2 (LATEST).
  - CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:

MIX TYPE	INTENDED APPLICATION	MINIMUM COMPRESSIVE STRENGTH (MPa)	CSA EXPOSURE CLASS	CONCRETE COVER TO REINFORCING STEEL (mm)
1	STRUCTURAL CONCRETE FOR ROOFS & WALLS	35	S-1	50
2	STRUCTURAL CONCRETE FOR BASE SLAB	35	S-1	50 TOP 75 BOTTOM

- FORMWORK AND FALSEWORK SHALL BE COMPLETED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA. SUBMIT TO ENGINEER FOR REVIEW.

- REINFORCING STEEL**
- REINFORCING STEEL: NEW DEFORMED BARS TO CSA G30.18 'BILLET STEEL BARS FOR CONCRETE REINFORCEMENT', WITH MIN 400 MPa YIELD STRENGTH.
  - DEFORMED BARS CONFORMING TO CSA G30.18, GRADE 400. LAP SPLICES AS PER CSA A23.3.
  - REINFORCING WORK SHALL BE IN ACCORDANCE WITH CSA A23.1 AND CSA A23.3.

**AECOM**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: 2014/12/03

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

**LOCATION APPROVED**  
 UNDERGROUND STRUCTURES

NO.	REVISIONS	DATE	BY
1	ISSUED FOR ADDENDUM 2	14/12/03	KWB
0	ISSUED FOR TENDER	14/11/12	WJd

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.

**AECOM**

DESIGNED BY	JAT	CHECKED BY
DRAWN BY	ADL	APPROVED BY
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION
VERT. SCALE	N/A	DATE

PROFESSIONAL'S SEAL  
 PROVINCE OF MANITOBA  
 S.B. BISWANGER  
 REGISTERED PROFESSIONAL ENGINEER  
 CONSULTANT DRAWING NO.  
 60219315-SHT-00-Corr4-S-3001

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

**JEFFERSON EAST**  
**COMBINED SEWER RELIEF**  
**CONTRACT 4 - SAMPLE OUTFALL**  
 GATE CHAMBER  
 STRUCTURAL PLANS

SHEET 04 OF 07  
 CITY DRAWING NUMBER  
**LD-7420**  
 REV 1

BID OPPORTUNITY NO. 1062-2014