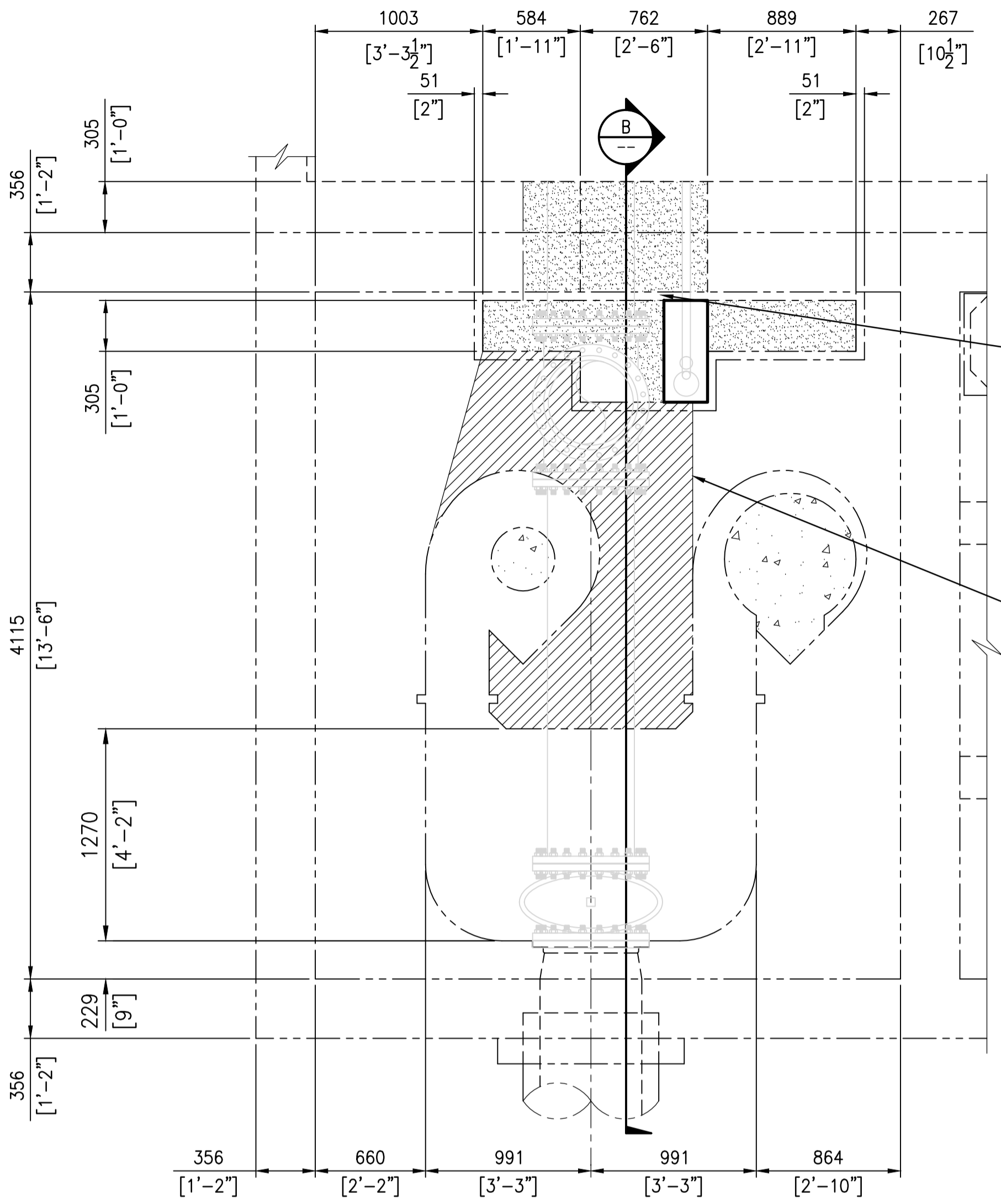
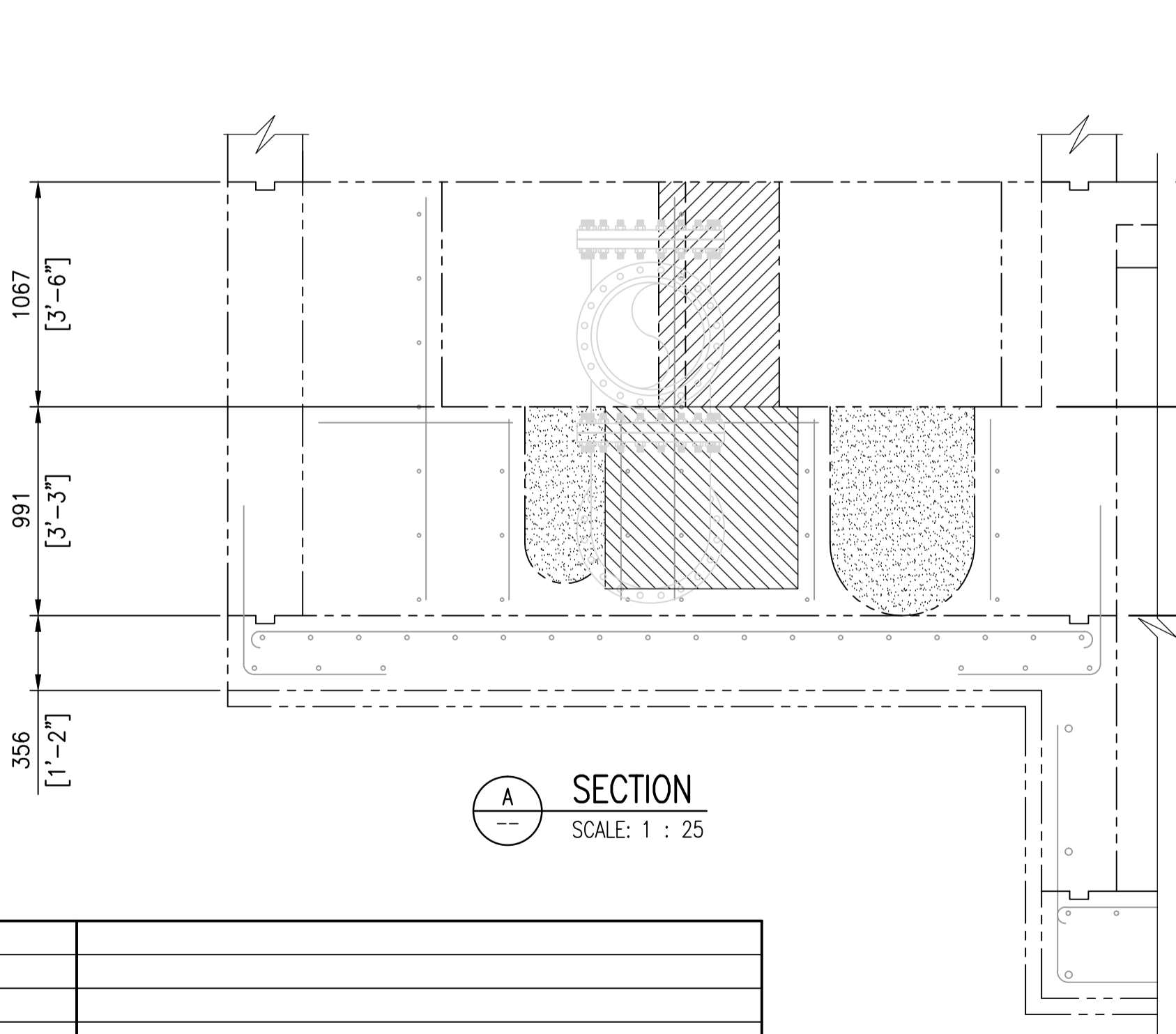


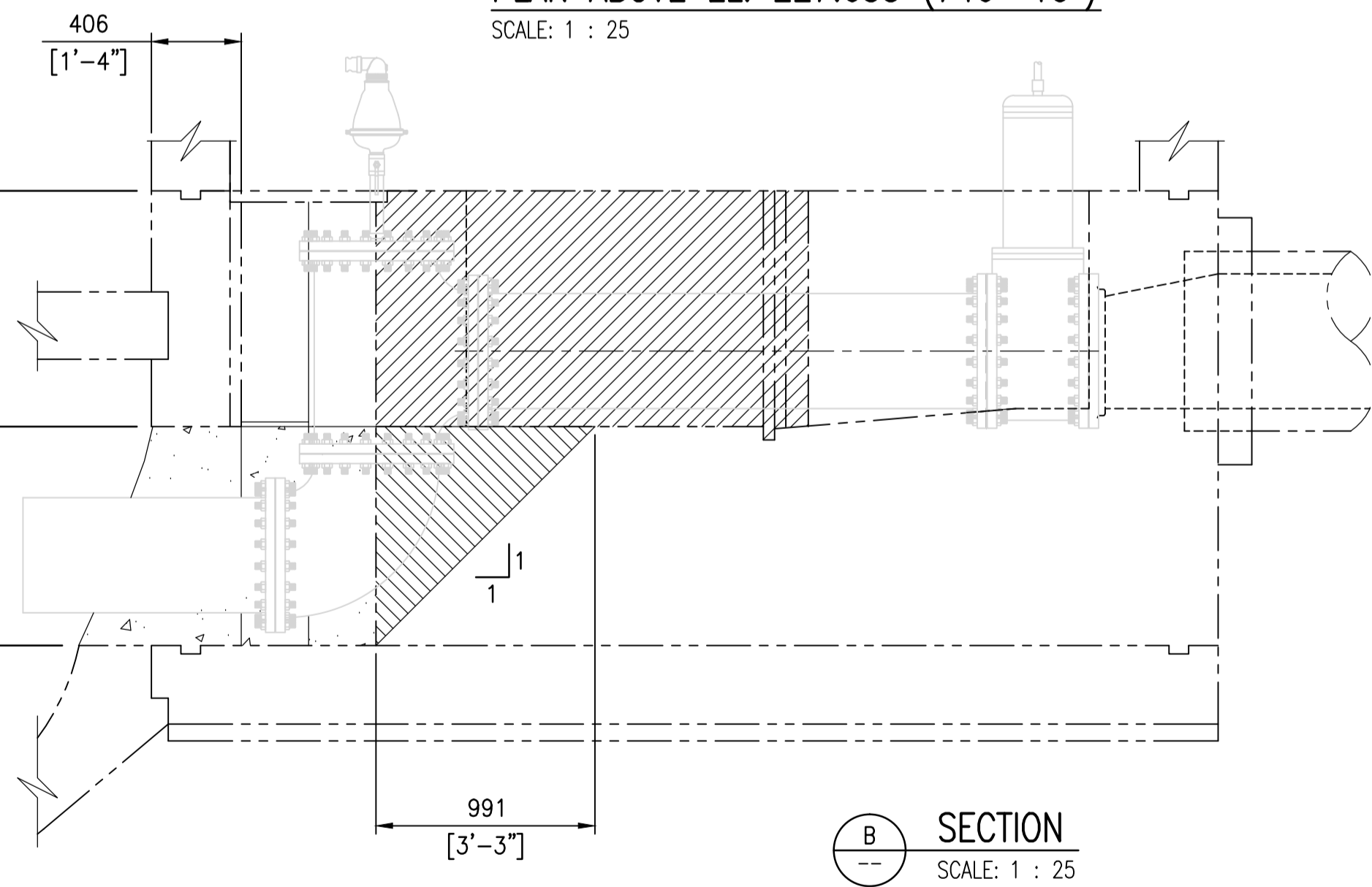
PLAN @ EL. 226.568 (743'-4")
 SCALE: 1 : 25



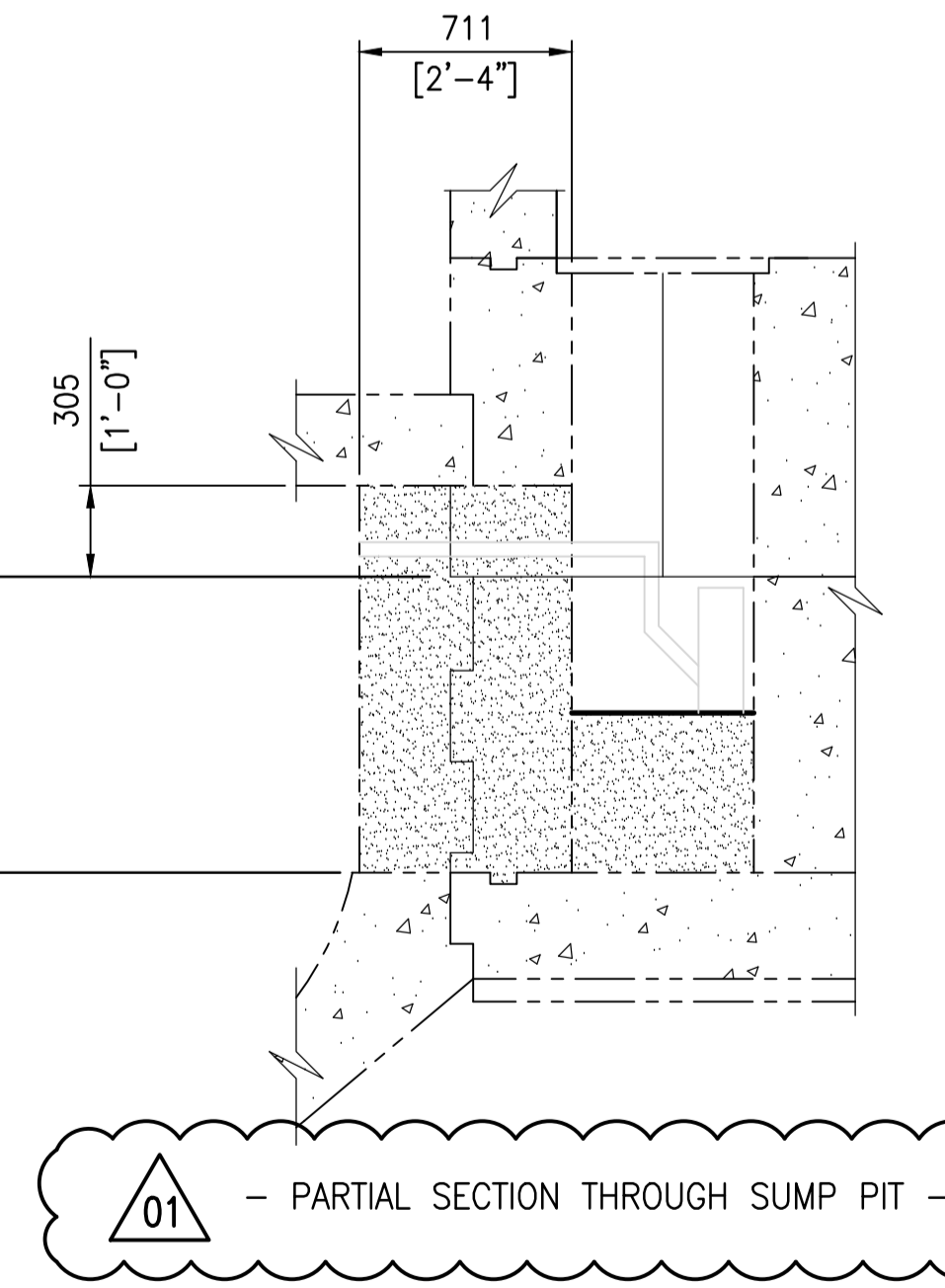
PLAN ABOVE EL. 227.635 (746'-10")
 SCALE: 1 : 25



SECTION A-A
 SCALE: 1 : 25



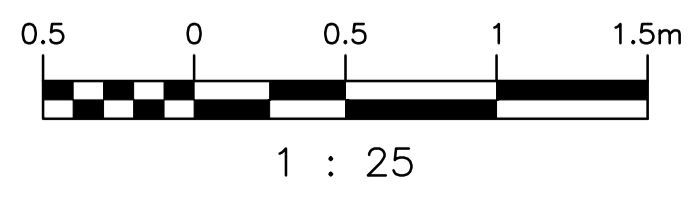
SECTION B-B
 SCALE: 1 : 25



01 - PARTIAL SECTION THROUGH SUMP PIT -

NOTES:

- SEE DRAWING 1-0169L-S0004 FOR GENERAL NOTES.
- CAST-IN-PLACE CONCRETE:**
 - ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO CSA STANDARD CAN/CSA-A23.1-M.
 - CONCRETE MIXES SHALL BE PROPORTIONED IN ACCORDANCE WITH CSA A23.1, ALTERNATIVE 1, TO GIVE THE FOLLOWING PROPERTIES:
 - MINIMUM 28 DAY COMPRESSIVE STRENGTH - 35 MPA
 - CEMENT TYPE:
 - BEAMS AT TOP OF INLET STRUCTURE ROOF AND DRYWELL ISOLATION WALLS - TYPE GU
 - INSIDE THE INLET STRUCTURE - TYPE H5b
 - NOMINAL SIZE OF AGGREGATE:
 - BEAMS AT TOP OF INLET STRUCTURE ROOF AND DRYWELL ISOLATION WALLS - 20mm
 - ALL OTHER LOCATIONS - 10mm
 - SLUMP - 100mm
 - ENTRAINED AIR CONTENT - 5 TO 8%
 - MAXIMUM FLYASH SUBSTITUTION TO BE 20% BY WEIGHT.
 - NON-SHRINK, NON-METALLIC CEMENTITIOUS GROUT TO BE SIKA 212R OR MASTERFLOW 928.
 - USE SUITABLE VIBRATION METHOD TO ENSURE PROPER COMPACTION OF CONCRETE.



NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR ADDENDUM - SUMP PUMP ADDED	2015/09/28	K.K.	
00	ISSUED FOR TENDER	2015/09/17	K.K.	

SNC-LAVALIN INC.
 148 Nature Park Way
 Winnipeg, MB, Canada R3P 0X7
 204-786-8080

DESIGNED BY: K. KOTYK
 CHECKED BY: D. COATES
 DRAWN BY: B. DICKSON
 APPROVED BY: I. PARKINSON
 SCALE: 1:25
 DATE: 2015/09/04
 CONSULTANT NO.: 629179-0000-40DD-0001

ENGINEER'S SEAL

PRELIMINARY
 NOT TO BE
 USED FOR
 CONSTRUCTION

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

OLIVE WASTEWATER LIFT STATION
 2015 UPGRADES
 COMMUNITOR INLET STRUCTURAL MODIFICATIONS
 PLAN AND ELEVATIONS

CITY DRAWING NUMBER: 1-0169L-S0008
 SHEET: 001
 REV: 01
 SIZE: A1