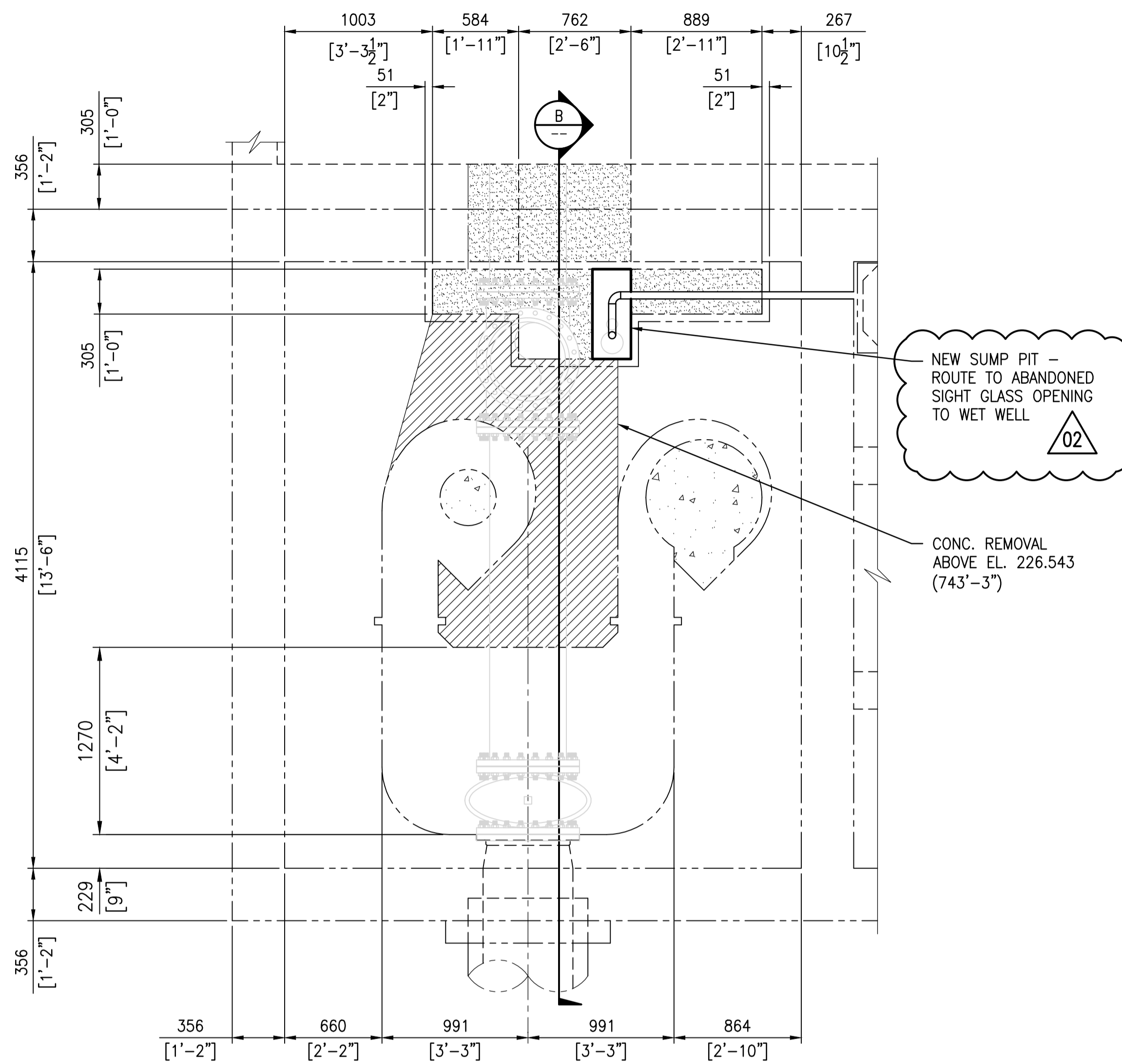


PLAN @ EL. 226.568 (743'-4")  
 SCALE: 1 : 25



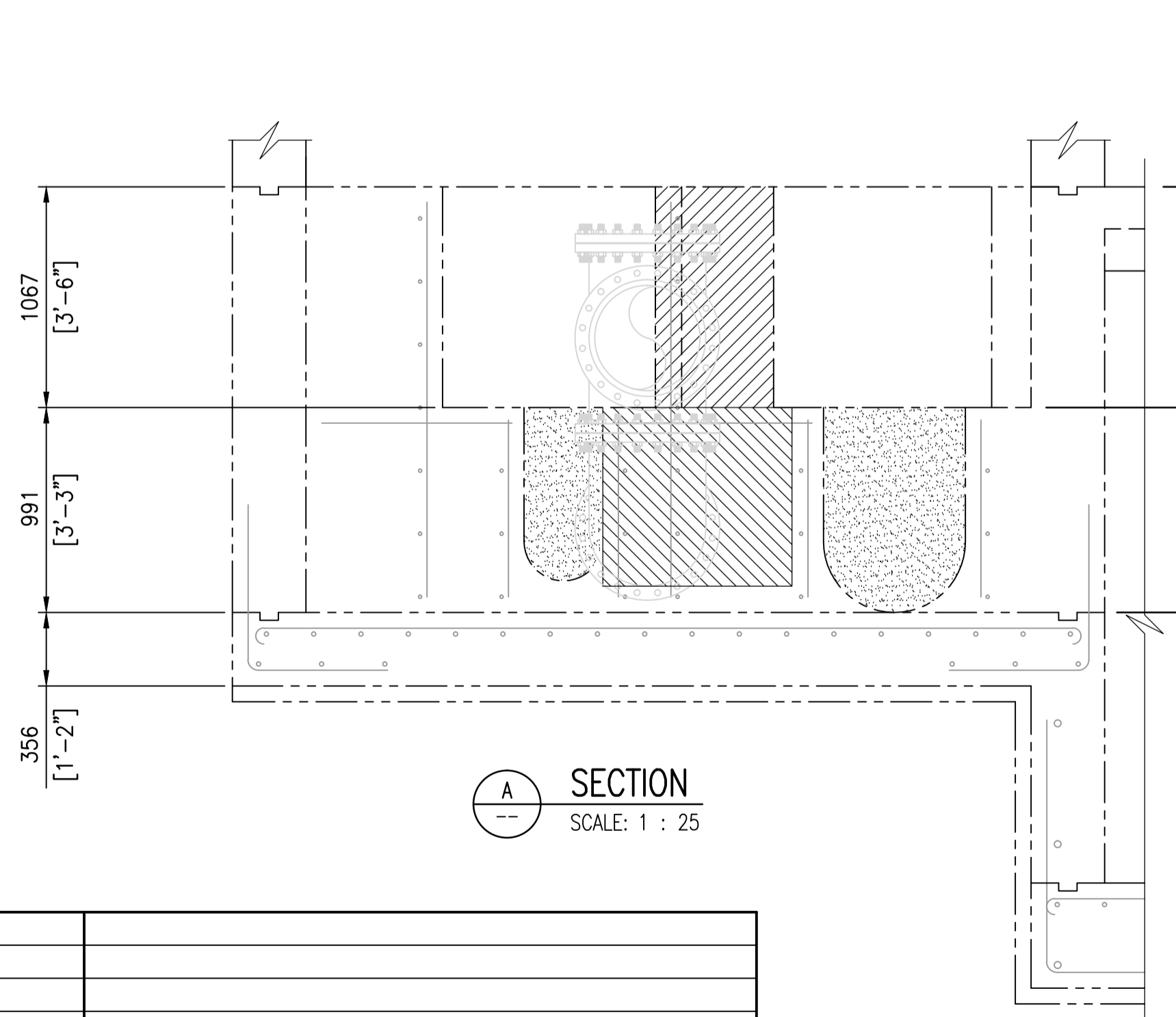
PLAN ABOVE EL. 227.635 (746'-10")  
 SCALE: 1 : 25

**NOTES:**

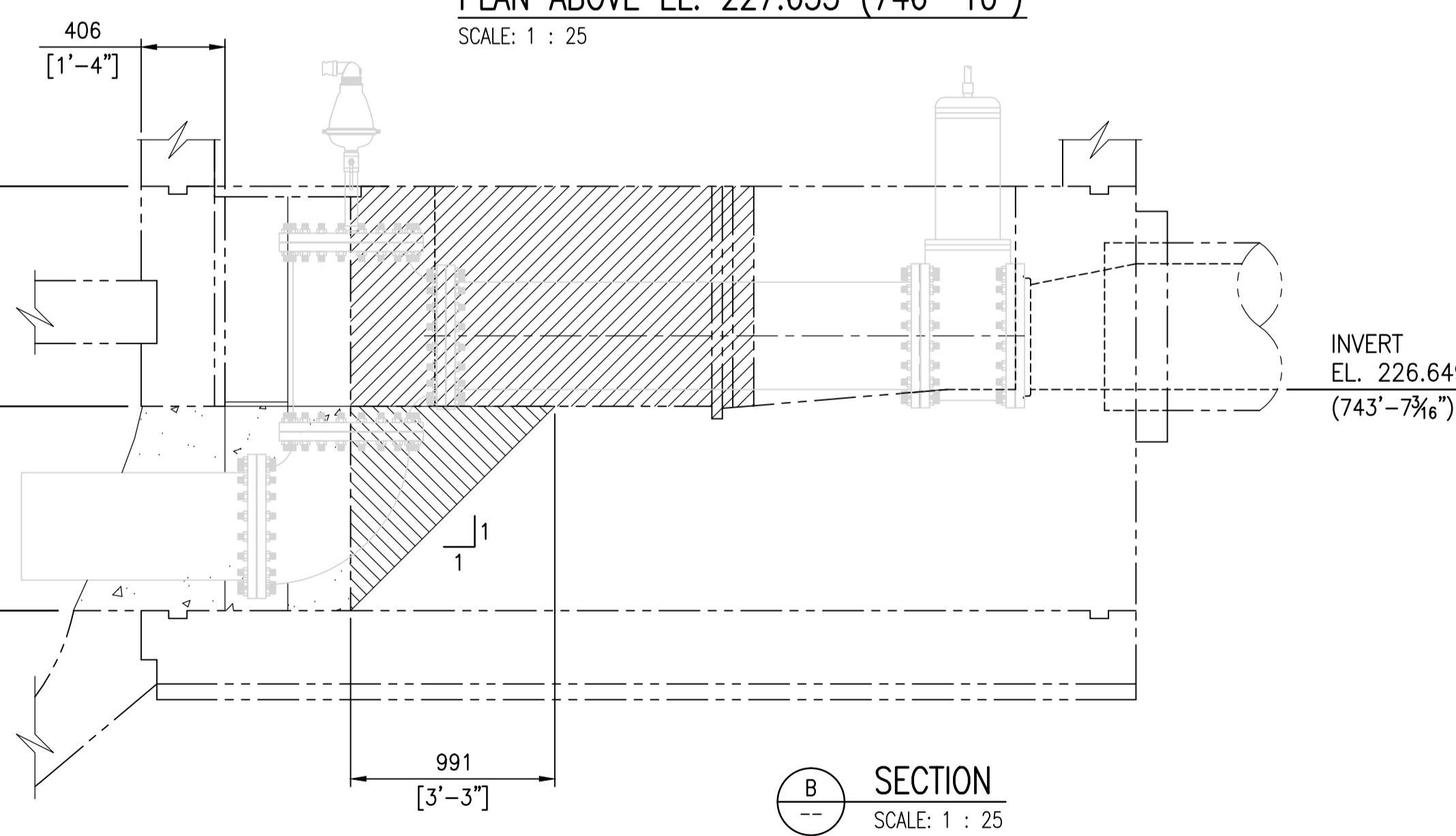
1. SEE DRAWING 1-0169L-S0004 FOR GENERAL NOTES.

**CAST-IN-PLACE CONCRETE:**

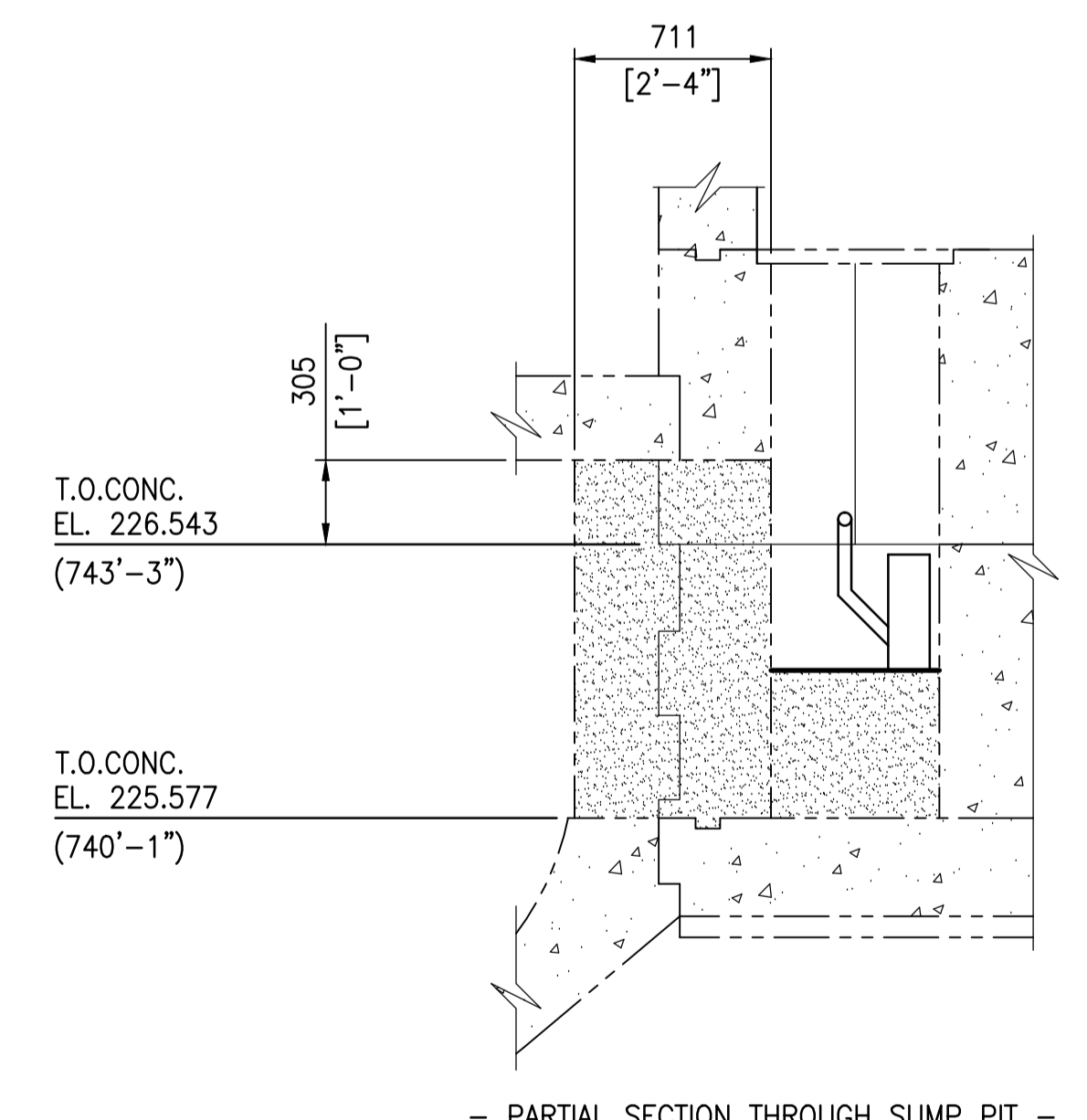
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO CSA STANDARD CAN/CSA-A23.1-M.
- CONCRETE MIXES SHALL BE PROPORTIONED IN ACCORDANCE WITH CSA A23.1, ALTERNATIVE 1, TO GIVE THE FOLLOWING PROPERTIES:
  - MINIMUM 28 DAY COMPRESSIVE STRENGTH - 35 MPA
  - CEMENT TYPE:
    - BEAMS AT TOP OF INLET STRUCTURE 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.



SECTION A-A  
 SCALE: 1 : 25

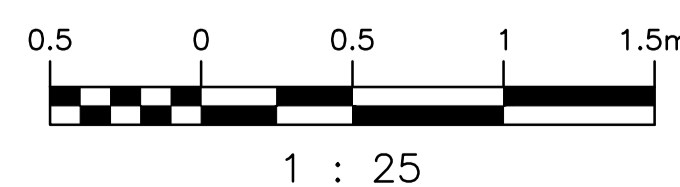


SECTION B-B  
 SCALE: 1 : 25



- PARTIAL SECTION THROUGH SUMP PIT -

| DRAWING NUMBER | REFERENCE DRAWINGS   |
|----------------|--|
| 403-B          | AINSLIE COMM. & PUMPING STATION - SUPERSTRUCTURE & DETAILS |
| 403-A          | AINSLIE COMM. & PUMPING STATION - REINFORCING DETAILS      |
| 403            | AINSLIE COMM. & PUMPING STATION                            |



| NO. | REVISIONS                             | DATE       | DESIGN | CHECK |
|-----|---------------------------------------|------------|--------|-------|
| 02  | REVISED SUMP PIT NOTES                | 2015/10/08 | K.K.   |       |
| 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: 02  
 SIZE: A1