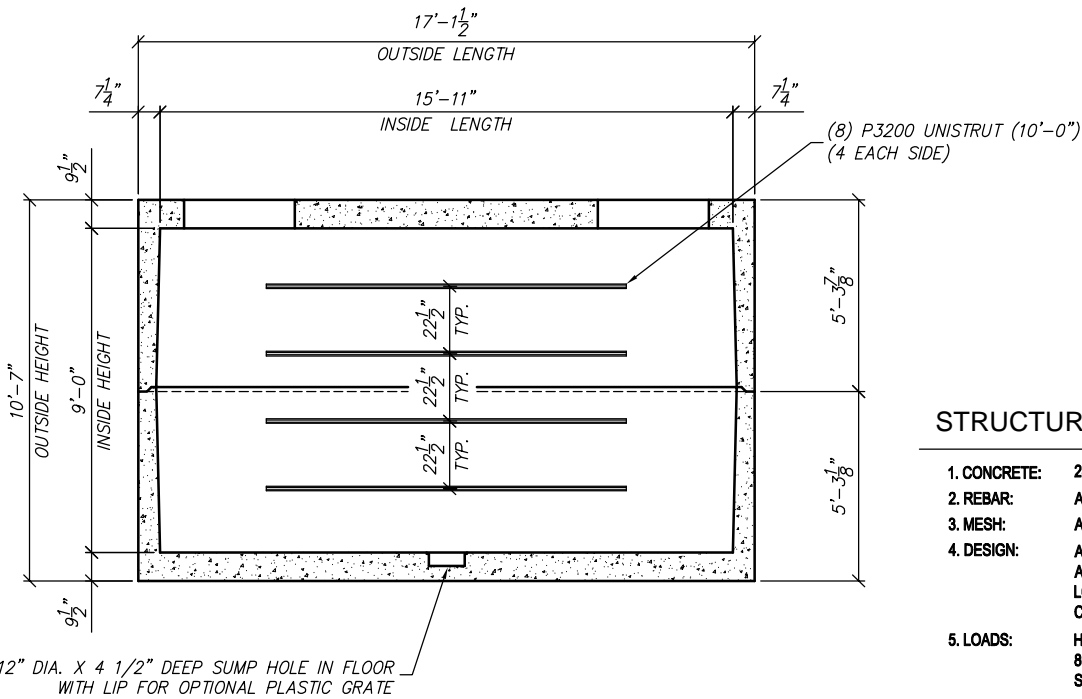
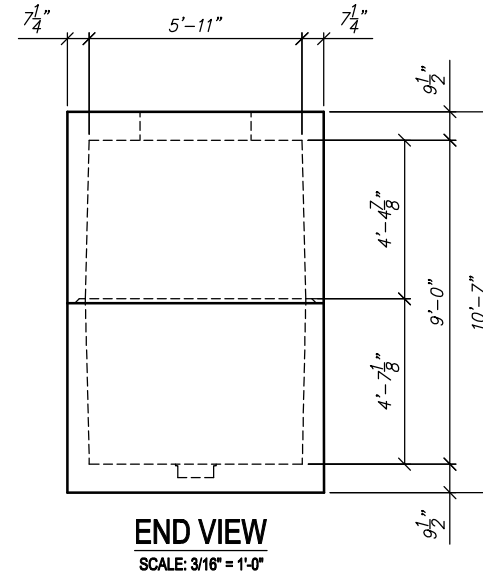
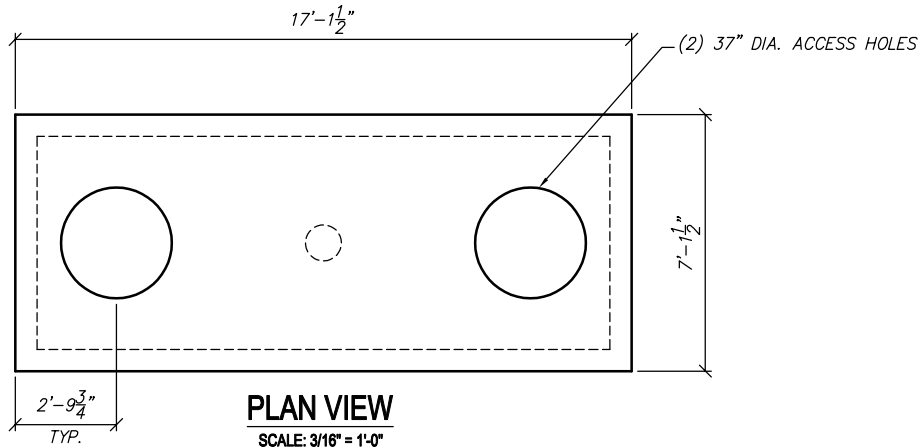


| REV | DESCRIPTION                                    | BY | DATE     |
|-----|--|----|----------|
| A   | MADE INSIDE VAULT 9'-0", ADDED NEW TITLE BLOCK | JD | 10/11/07 |
| B   | NCS UPDATES                                    | CP | 7/18/17  |



### STRUCTURAL NOTES

1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH  $f_c = 5,000$  psi
2. REBAR: ASTM A-615 GRADE 60
3. MESH: ASTM A-1064 GRADE 65
4. DESIGN: ACI 318-14 BUILDING CODE  
ASTM C-857 "MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES"
5. LOADS: HS20-44 W/30% IMPACT PER AASHTO  
80 PSF LATERAL LIVE LOAD SURCHARGE - UP TO 8'-0" DEPTH  
SOIL: 40 PCF LATERAL SOIL PRESSURE ABOVE WATER TABLE  
80 PCF LATERAL SOIL PRESSURE BELOW WATER TABLE  
120 PCF SOIL DENSITY
6. SOIL COVER: 0' TO 5' (MAX.)
7. WATER TABLE: 5'-0" BELOW GRADE

### GENERAL NOTES

1. ALL JOINTS SHALL BE SEALED USING CONSEAL CS-101 BUTYL RUBBER ROPE.



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616-LA

CUSTOMER  
**STANDARD**

| DATE           | SALES | DRAWN | ENGINEER | CHECKED  | SALES ORDER |
|----------------|-------|-------|----------|----------|-------------|
| 6/16/99        |       | JM    |          |          | ---         |
| DRAWING NUMBER |       |       |          | REVISION | SHEET       |
| V56L1-1        |       |       |          | ---      | 1 OF 1      |
|                |       |       |          | REV DATE | ---         |