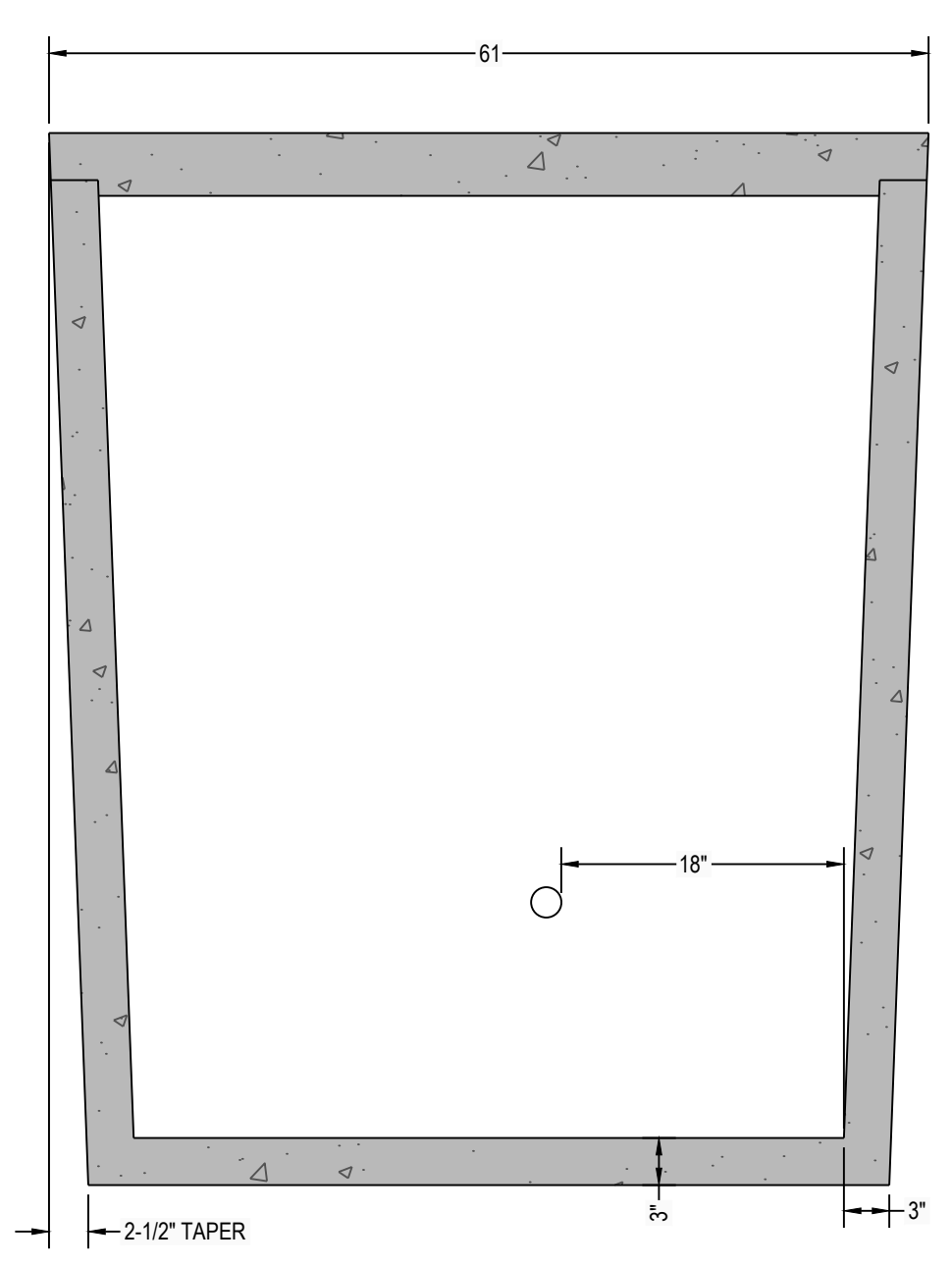


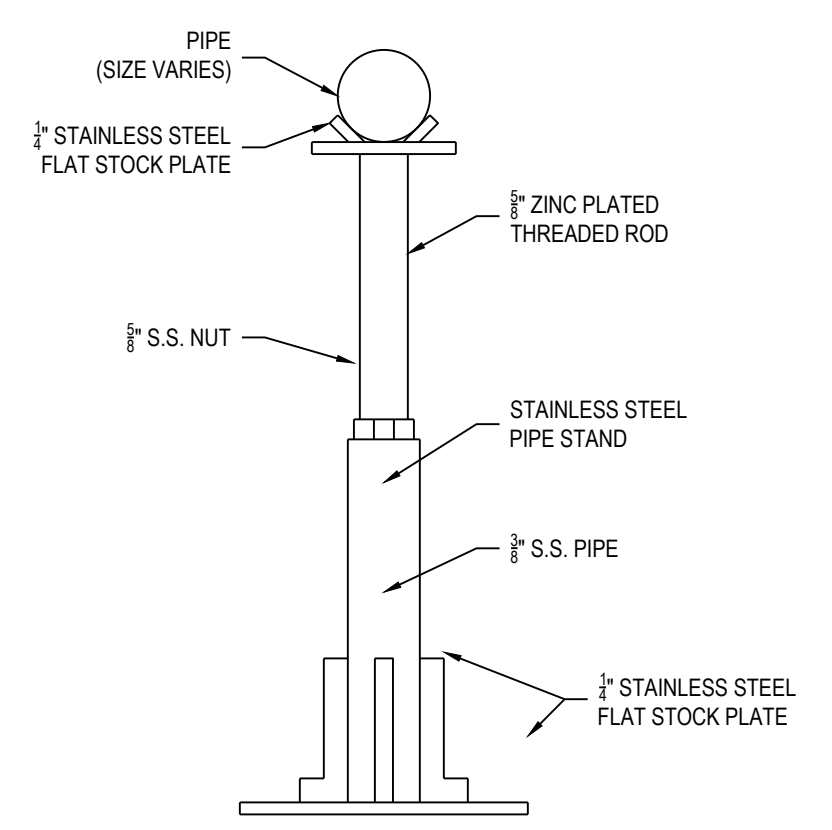
A5 WATER METER VAULT TOP VIEW
1" = 1"



C4 WATER METER VAULT SECTION VIEW
1" = 1"

DESIGN DATA:
 1. EARTH COVER = 3 FEET MAX
 2. ALLOWABLE WHEEL LOAD = 2500 LB MAX
 3. CONCRETE MINIMUM COMPRESSIVE STRENGTH = 5,000 PSI @ 28 DAYS
 4. VAULT LID IS REINFORCED WITH 6 X 6 W8.0 X W8.0 WELDED WIRE FABRIC.
 5. VAULT BOTTOM AND SIDES ARE REINFORCED WITH 6 X 6 W10.0 X W10.0 WELDED WIRE FABRIC.

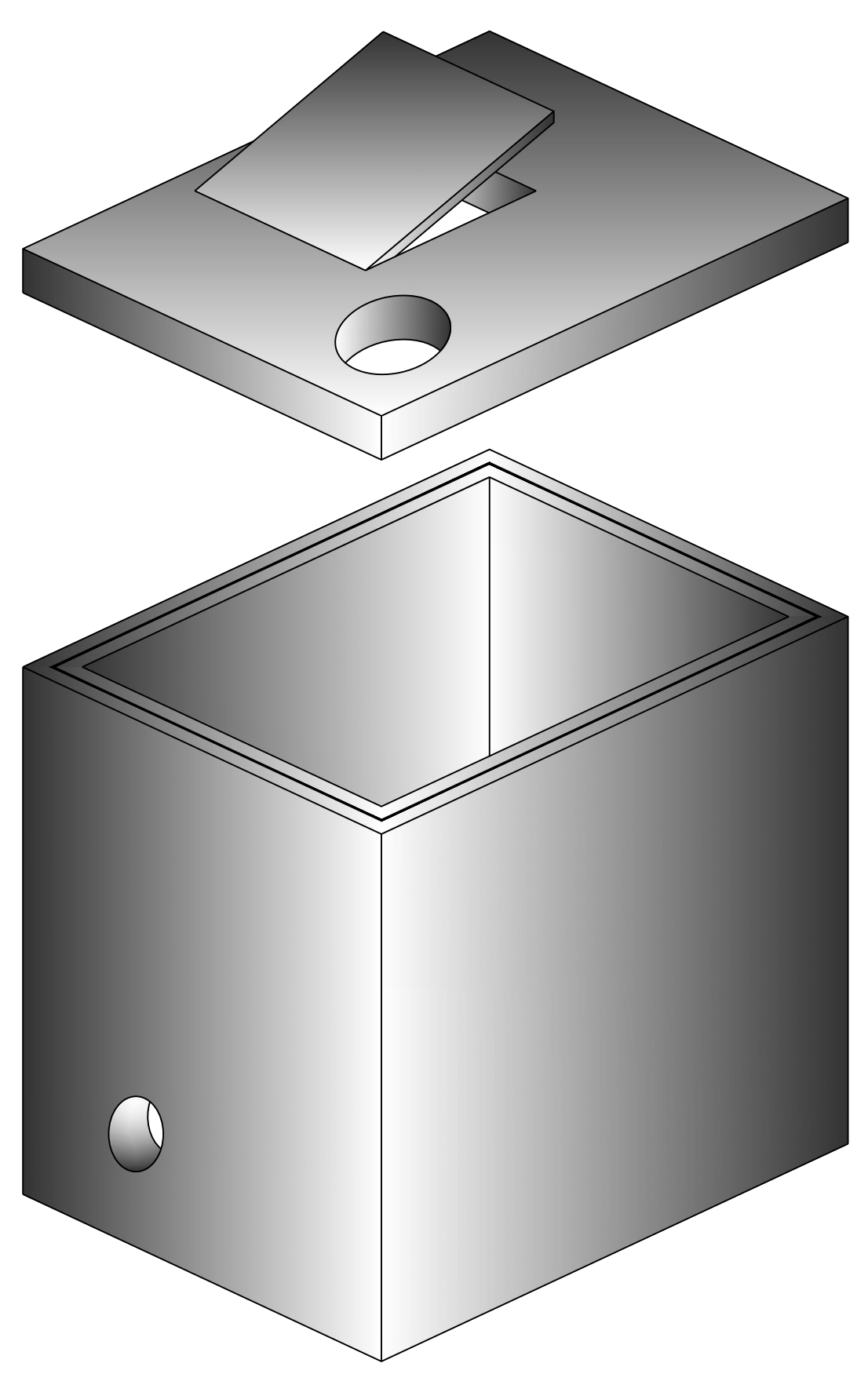
CASTING WEIGHTS
 WEIGHT OF LID: 2,149.4 LBS
 WEIGHT OF TANK: 3,134.6 LBS
 TOTAL CASTING WEIGHT: 5,284.0 LBS



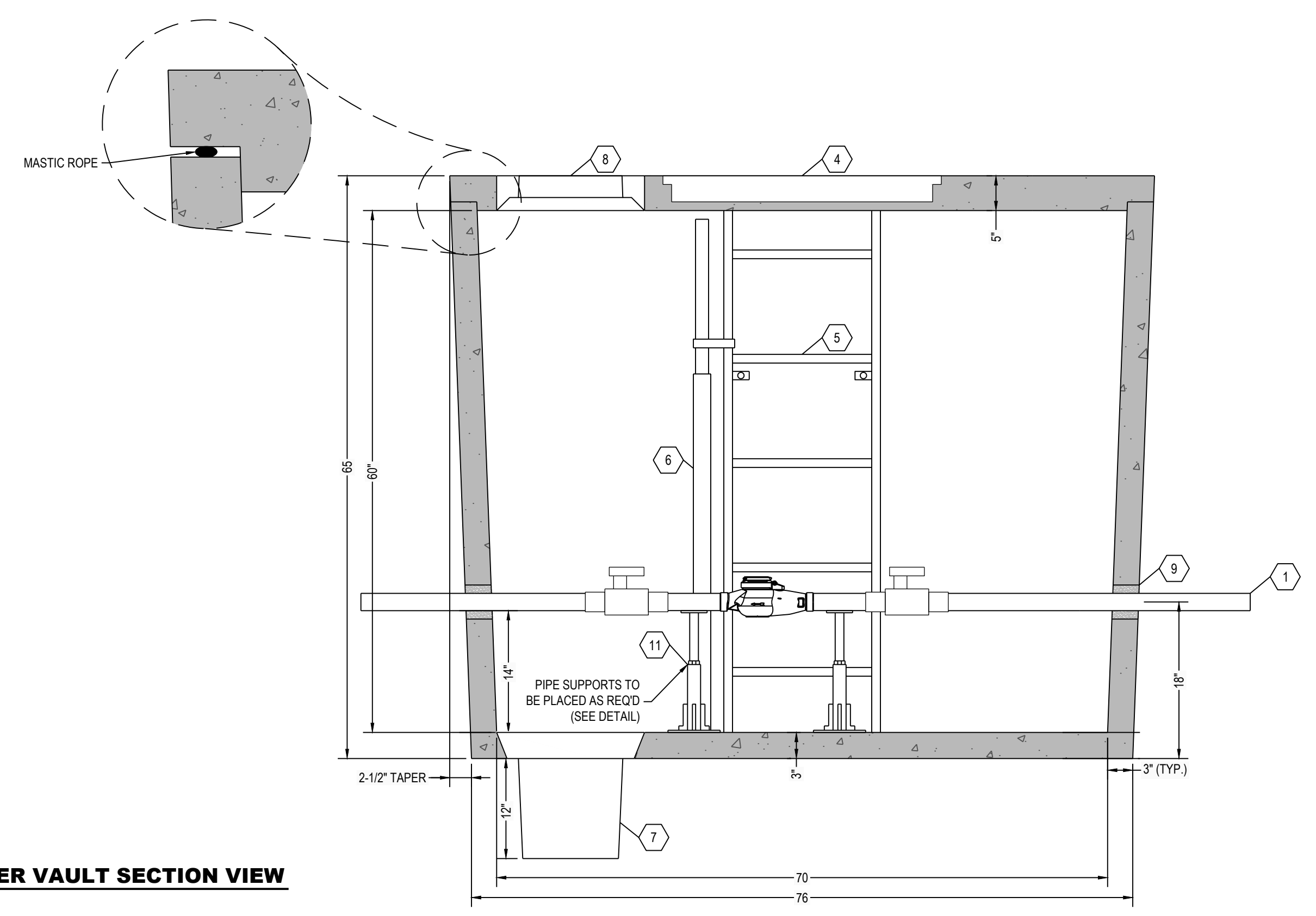
D1 PIPE SUPPORT DETAIL
NTS

H2O LOAD BEARING VAULTS ARE ALSO AVAILABLE INCLUDING LARGER HATCHES, GRADE RINGS, AND OTHER CUSTOM MODIFICATIONS THAT CAN BE MADE TO MEET JOB REQUIREMENTS, FOR ADDITIONAL CHARGES.

VAULTS CAN BE ORDERED: ASSEMBLED, UNASSEMBLED, OR WITH NO CONTENTS.



A6 THREE DIMENSIONAL ISOMETRIC VIEW
NTS



A5 WATER METER VAULT SECTION VIEW
1" = 1"

ITEM	QTY	ITEM DESCRIPTION
1	2	2" DIA. WATER PIPE
2	2	2" DIA. VALVE
3	1	2" DOMESTIC SERVICE METER (INSTALLED BY UTIL.)
4	1	30" SQUARE ALUMINUM HATCH- SEE NOTES
5	1	5'-0" ALUMINUM LADDER- SEE NOTES
6	1	ALUMINUM USF TYPE LADDERUP SAFETY DEVICE
7	1	SUMP PIT (20" DIAMETER) WITH GRATE
8	1	SUMP PUMP LID. SEE NOTE BELOW
9	2	HIGH PRESSURE OPEN END BOOT SEAL
10	VAR	2" HARD COPPER PIPING- TYPE K
11	2	STAINLESS STEEL PIPE SUPPORT

NOTES
 HATCH TO BE 30" X 30" ALUMINUM HATCH, 300 PSF, SINGLE DOOR, INCLUDING ANGLE FRAME, STAINLESS STEEL NUTS & BOLTS, STAINLESS STEEL HINGES, STAINLESS STEEL AUTOMATIC HOLD-OPEN ARM WITH RED VINYL GRIP, FLUSH LIFT HANDLE, TAMPER PROOF FASTENERS, AND EXPOSED PADLOCK STAPLE.
 LADDER TO BE O.S.H.A. COMPLIANT ALUMINUM FLOORWALL MOUNT LADDER FABRICATED FROM 3/8" X 2 1/2" FLAT BARS AND 15/16" SQUARE EXTRUDED RUNGS, WITH SLIP RESISTANT RUNGS 12" ON CENTER, 18" WIDE WITH STANDARD MINIMUM 7" OFFSET MOUNTED WITH STAINLESS STEEL ANCHORS AND BOLTS.
 SUMP PUMP LIDS SHALL BE FORD A53-TT OR A53-T. THE A53-TT WILL BE USED FOR ALL VAULTS WITH THE DOMESTIC WATER INSIDE. THE A53-T WILL BE USED FOR ALL VAULTS WITH THE DCCO ONLY LOCATED INSIDE THE VAULT.

*** ALL RENSSELAER SEPTIC TANKS ARE MONOLITHICALLY POURED ***

RENSSELAER SEPTIC TANKS

1211 NORTH WESTON STREET
 P.O. BOX 70
 RENSSELAER, INDIANA 47978
 phone: (219) 866-5063
 (800) 240-5123
 fax: (219) 866-3894

PROJECT NAME
 CLIENT NAME
 ADDRESS

PROJECT NO: **08012**
 FILE: 750 NT WATER METER PIT.DWG
 DRAWN BY: TVL
 CHECKED BY: PEW
 TITLE:
MANUFACTURER'S DETAIL DRAWING
 750 GALLON WATER METER VAULT
NO TRAFFIC

R-000