

6

5

4

3

2

1

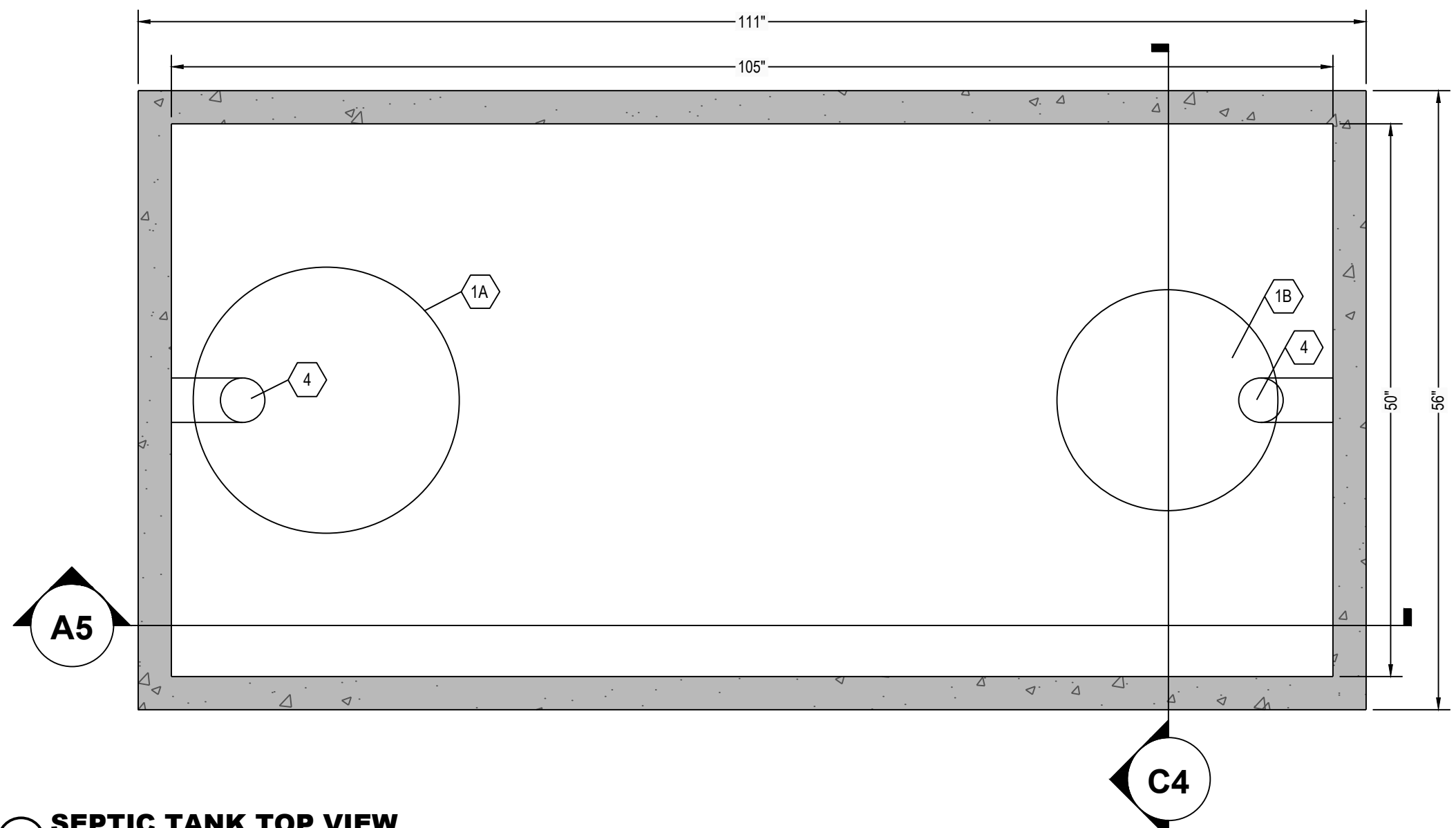
E

D

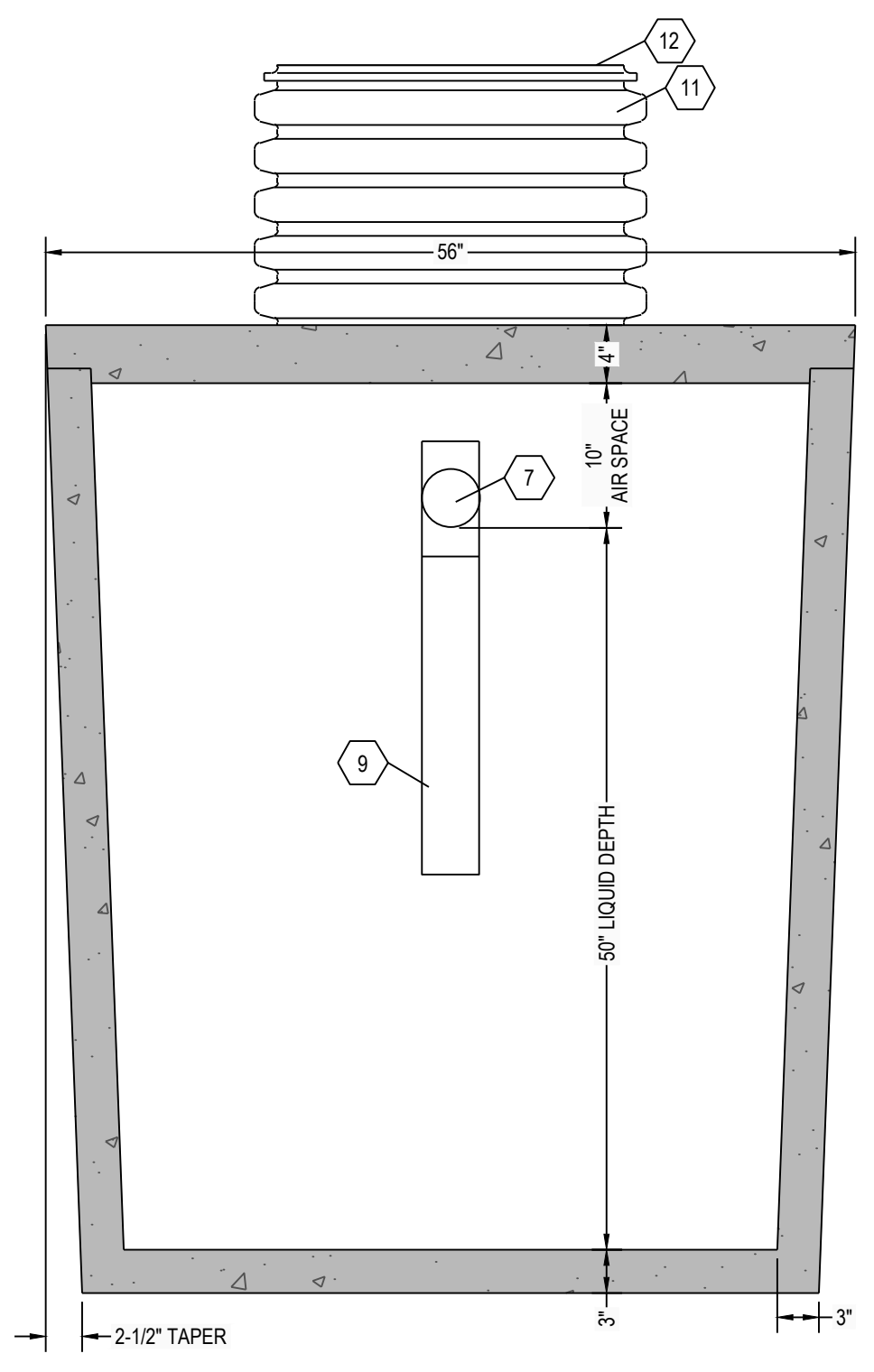
C

B

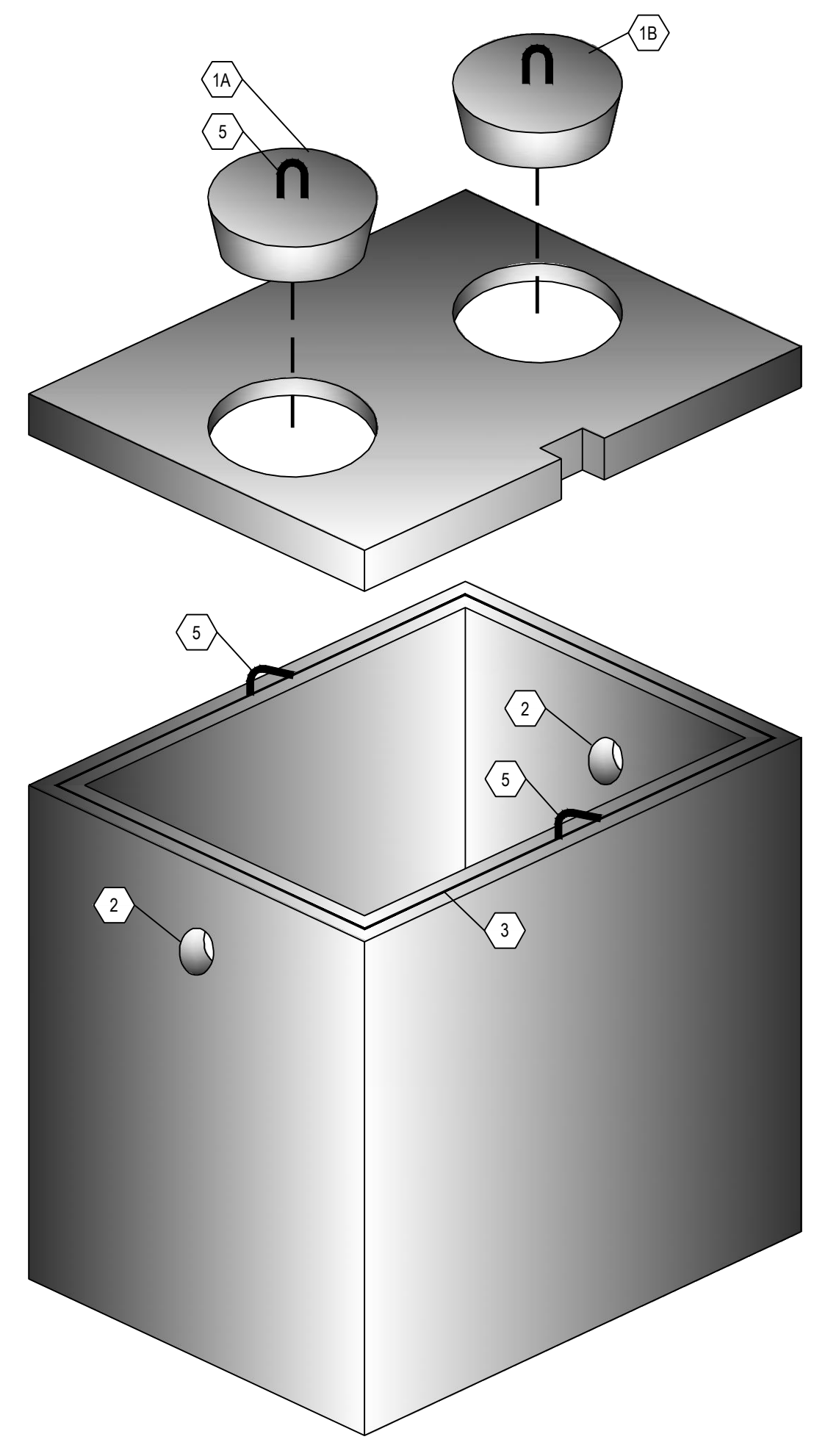
A



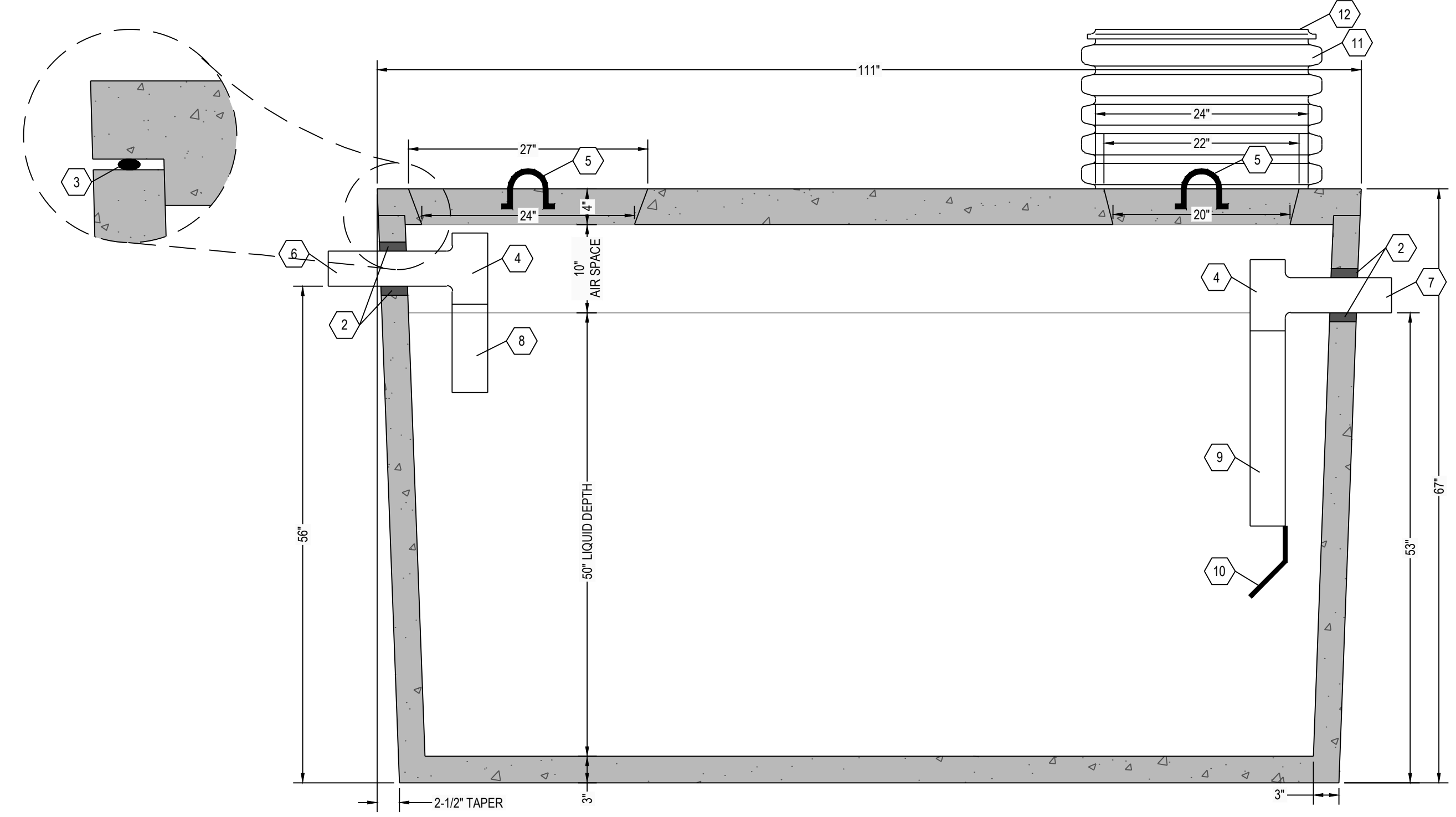
C6 SEPTIC TANK TOP VIEW
1" = 1"



C4 SEPTIC TANK SECTION VIEW
1" = 1"



A6 THREE DIMENSIONAL ISOMETRIC VIEW
NTS



A5 SEPTIC TANK SECTION VIEW
1" = 1"

NOTE:
1. EXTENSIONS ARE AVAILABLE FOR 24" DIAMETER POLY RISERS
2. 24" DIAMETER CONCRETE GRADE RINGS OR CUSTOM RECTANGULAR RISERS WITH ALUMINUM HATCHES ARE AVAILABLE AS SUBSTITUTES TO POLY RISER AS SHOWN HEREON.
3. HIGH PRESSURE CLOSED END BOOT SEALS ARE AVAILABLE AS SUBSTITUTES TO RUBBER GASKET TYPE SEALS AS SHOWN HEREON.

- DESIGN DATA:**
- EARTH COVER = 3 FEET MAX.
 - ALLOWABLE WHEEL LOAD = 2500 LB MAX.
 - CONCRETE MINIMUM COMPRESSIVE STRENGTH = 5,090 PSI @ 28 DAYS
 - LIFTING HOOKS ARE 3" DIAMETER, ASTM A36 COLD ROLLED STEEL
 - SEPTIC TANK LID IS REINFORCED WITH 6 X 6 W8.0 X W8.0 WELDED WIRE FABRIC.
 - SEPTIC TANK BOTTOM AND SIDES ARE REINFORCED WITH 6 X 6 W10.0 X W10.0 WELDED WIRE FABRIC.
 - ALL CONCRETE SURFACES ABOVE THE LIQUID LEVEL ARE COATED WITH AIRLESS ASPHALT.

CASTING WEIGHTS

WEIGHT OF LID: 2,074.5 LBS
WEIGHT OF TANK: 6,468.9 LBS
TOTAL CASTING WEIGHT: 8,543.4 LBS

SEPTIC TANK CAPACITY:

20.8 GALLONS PER INCH
STORAGE CAPACITY = 1039 GALLONS
TOTAL VOLUME = 1265 GALLONS

| KEYNOTE INDEX | |
|---------------|--|
| 1A | 24" DIAMETER MANWAY |
| 1B | 20" DIAMETER MANHOLE OPENING |
| 2 | HIGH PRESSURE CLOSED END BOOT SEAL |
| 3 | MASTIC ROPE |
| 4 | SANITARY TEE AT INLET & OUTLET |
| 5 | 3" DIAMETER LIFTING HOOKS |
| 6 | 4" DIAMETER INLET (6" AVAILABLE UPON REQUEST) |
| 7 | 4" DIAMETER OUTLET (6" AVAILABLE UPON REQUEST) |
| 8 | 12" EXTENSION AT INLET |
| 9 | 24" EXTENSION AT OUTLET |
| 10 | FLEXIBLE, NON-CORROSIVE POLYPROPYLENE GAS BAFFLE BY TUF-TITE AFFIXED WITH STAINLESS STEEL SCREWS |
| 11 | 24" DIAMETER POLY RISER (18" HEIGHT TYP) |
| 12 | 24" DIAMETER GAS TIGHT POLY SNAP CAP LID AFFIXED WITH STAINLESS STEEL SCREWS |

RENSELAER SEPTIC TANKS

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PROJECT NAME
CLIENT NAME
ADDRESS

PROJECT NO: _____
FILE: 1000 GAL- SINGLE- NT.DWG
DRAWN BY: ASJM
CHECKED BY: PEW

TITLE:
**MANUFACTURER'S
DETAIL DRAWING**
1000 GALLON SEPTIC TANK
NO TRAFFIC

R-000

* ALL RENSELAER SEPTIC TANKS ARE MONOLITHICALLY Poured *

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