6'–0" x 8'–0" FLAT WALL VAULT x 7'–0" DEEP

NOTES:

- VAULT DESIGNED IN ACCORDANCE WITH AASHTO H–20–44 TRAFFIC BRIDGE LOADING USING 5,500 PSI [37.92MPa] COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI [413.2MPa] YIELD STRENGTH ASTM A–706 STEEL REINFORCEMENT PER CALCS.
- VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
- LIMITS OF COVER OVER ROOF SECTION IS 1'–0" TO 4'–0"
- LIMITS OF EMBEDMENT OF BOTTOM SECTION IS 9'–3" x 12'–3".

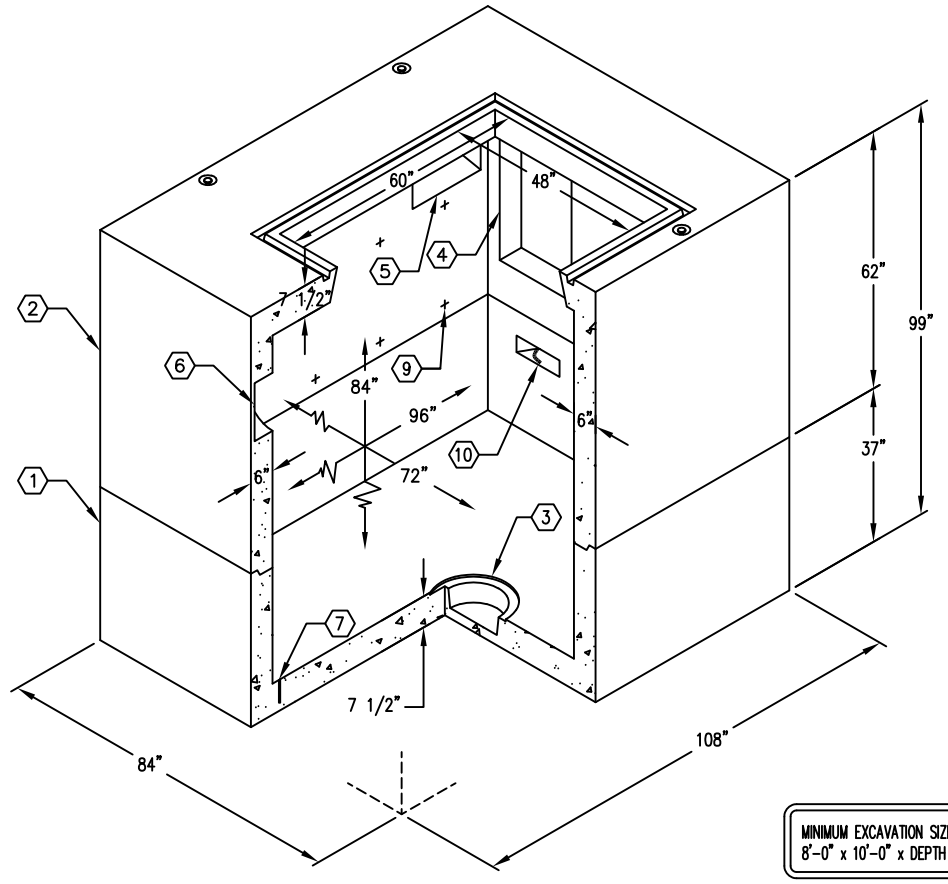
THE FOLLOWING TO BE SHIPPED WITH MANHOLE:

(a) 7/8" x 1 3/4" CONSEAL GASKET (45' REQ'D.)

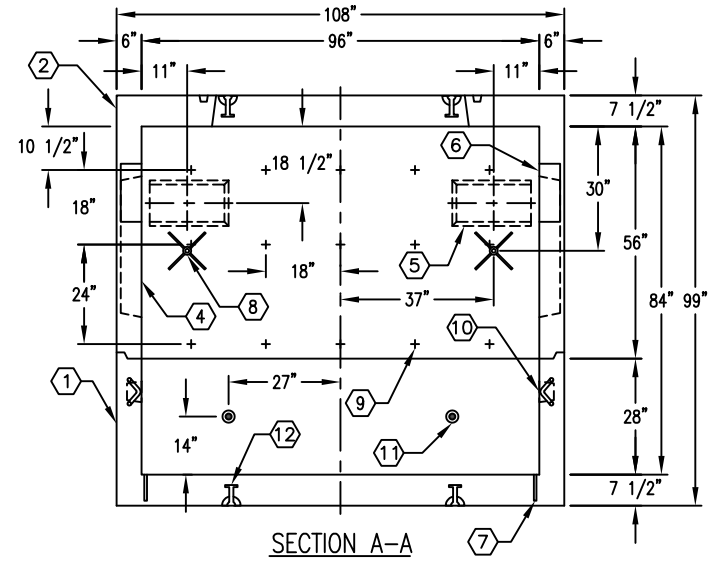
ORDERING INFORMATION:

K68–FV84–05 FOR ASSEMBLY AS SHOWN.
SECONDARY
TOTAL WEIGHT OF ASSEMBLY AS SHOWN IS 25,850 lbs.

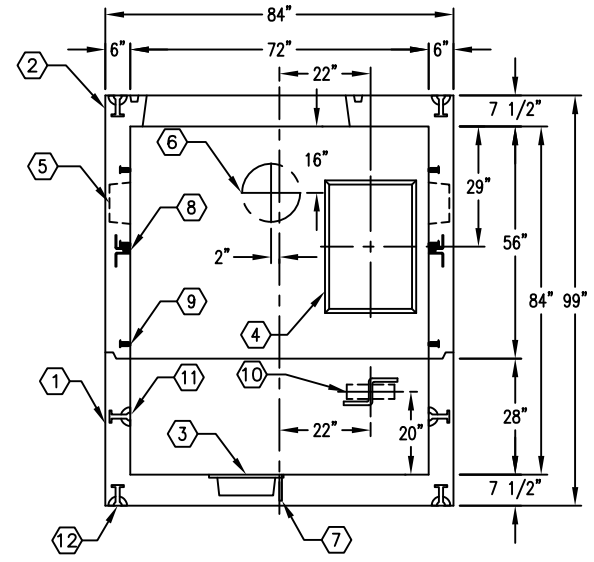
1. UV68–B28–F05, 28" BOTTOM SECTION (R68–B28–05), WT. 11,300 lbs.
2. UV68–T56–05V, 56" TOP SECTION (R68–T56–05V), WT. 14,550 lbs.
3. 13" x 14" DIA. SUMP x 5" DEEP (5000–247), W/RECESS TO ACCOMMODATE SUMP COVER (08–2102), LOCATE AS FOLLOWS: BOTTOM SECTION(1) CORE MTD.
4. 20" x 30" KNOCKOUT x 5" DEEP. DRAFT AS FOLLOWS: 1" ALL AROUND TYP. LOCATE AS FOLLOWS: TOP SECTION (2) CORE MTD.
5. 9" x 18" KNOCKOUT x 5" DEEP (5000–355) DRAFT AS FOLLOWS: T=1", S1=0, S2=1", B=1", LOCATE AS FOLLOWS: TOP SECTION (2) CORE MTD.
6. 14" DIA. VENT KNOCKOUT x 5" DEEP. LOCATE AS FOLLOWS: TOP SECTION (2) CORE MTD,
7. 1" DIA. GROUND KNOCKOUT. LOCATE AS FOLLOWS: BOTTOM SECTION (2) CORE MTD.
8. 1" COIL INSERT. LOCATE AS FOLLOWS: TOP SECTION (4) CORE MTD.
9. 1/2" PLASTIC INSERT. LOCATE AS FOLLOWS: TOP SECTION (30) CORE MTD.
10. 7/8" x 3 3/8" GALV. PULL IRON. LOCTE AS FOLLOWS: BOTTOM SECTION (2) CORE MTD.
11. 4 TON x 4 3/4" GALV. RISS FOR HANDLING, LOCATE AS FOLLOWS: BOTTOM SECTION (4) CORE MTD.
12. 4 TON x 9 1/2" GALV. RISS FOR HANDLING. LOCATE AS FOLLOWS: BOTTOM SECTION (4) SURFACE MTD.; ROOF SECTION (4) SURFACE MTD.



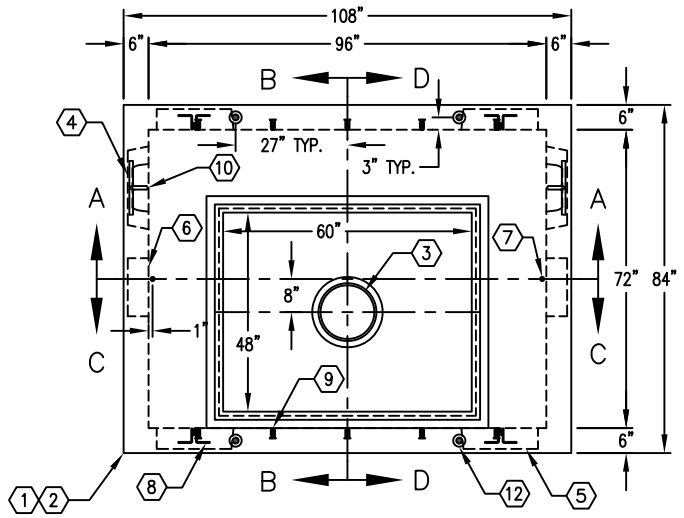
MINIMUM EXCAVATION SIZE:
8'–0" x 10'–0" x DEPTH REQ'D.



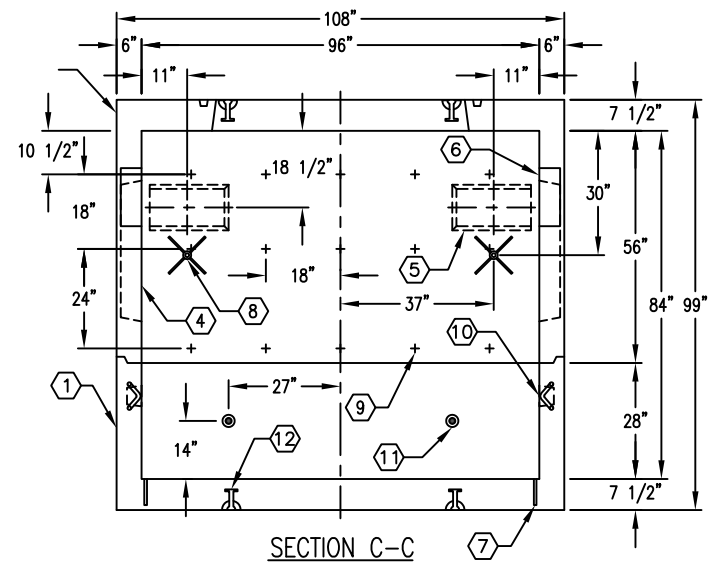
SECTION A–A



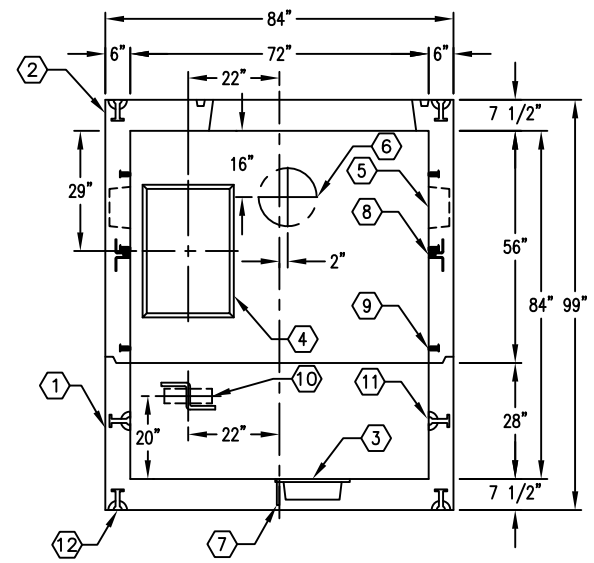
SECTION B–B



PLAN VIEW



SECTION C–C



SECTION D–D

JENSEN PRECAST

AUTOCAD REL. 14

K68–FV84–05
SECONDARY 04–28–87

#	DATE	DESCRIPTION	BY
C	02–18–03	CHANGE TO GRD KNOCKOUTS	DRG
B	01–07–98	REV'D LOGO, ADD NEW GEN NOTES & PER MSTR LIST	DKH

JENSEN PRECAST

K68–FV84–05
SECONDARY 04–28–87