CASTINGS ALUMINUM MH-550-42R AL RING & COVER STAMPED "ELECTRIC"

ML-13-NCR STEPS @ 12" O.C.

24" x 24" x 3' DEEP KNOCKOUT IN WALL

D&L D-6018 RING WITH GRATE CAST INTO FLOOR FOR SUMP

VAULT JOINT

5/8"Ø-11 NC F-62 FLARED THIN SLAB INSERT CAST INTO WALL FOR EYE BOLT (EYE BOLT SUPPLIED BY C.P.C.)

2" PVC PIPE CAST IN FOR DRAIN

P-52 4-TON 1/2" SWIFT LIFT IN LID

P-52 4-TON 1/2" SWIFT LIFT IN FLOOR

P-52 4-TON 1/2" SWIFT LIFT IN TOP OF WALL

24"Ø x 24" DEEP MANHOLE BASE FOR SUMP

40"Ø BLOCKOUT IN LID

NOTES:
1. EXTERIOR OF VAULT TO BE COATED WITH ONE COAT OF DECO DAMPROOFING
2. VAULT AND LID JOINT TO BE SEALED WITH 2 ROWS OF 1-1/2" BUTYL SEALANT.
3. 24"Ø SUMP SEALED WITH 1/4" BUTYL RUBBER SEALANT

CONCRETE STRENGTH=4,000 psi
REBAR STRENGTH=60,000 psi, GRADE 60
PEDESTRIAN RATED (300 psf) W/ UP TO 12" OF SOIL COVER

WEIGHT/CONCRETE:
LID: 6,829 LBS / 1.69 CY
UPPER VAULT: 8,606 LBS / 2.13 CY
LOWER VAULT: 18,575 LBS / 4.59 CY
TOTAL: 34,010 LBS / 8.40 CY

SCALE: 3/8" = 1'-0"
UPPER WALLS:
VERTICAL: #6 @ 12" O.C., 1½" OFF INSIDE OF WALL
HORIZONTAL: #6 @ 12" O.C.E.W. ON OUTSIDE OF VERTICAL BARS

LOWER WALLS:
VERTICAL: #6 U-BARS @ 8" O.C. ON INSIDE OF HORIZONTAL BARS
HORIZONTAL: #6 @ 12" O.C.E.W., 2" OFF OUTSIDE OF WALL
FLOOR:
#6 U-BARS @ 8" O.C.E.W. @ 1½" OFF TOP OF FLOOR, U-BAR EXTEND INTO WALLS

FLOOR PLAN VIEW

LID:
SHORT BARS: #6 @ 8" O.C.E.W., 1½" OFF BOTTOM OF LID

SCALE: 3/8" = 1'-0"

REINFORCEMENT