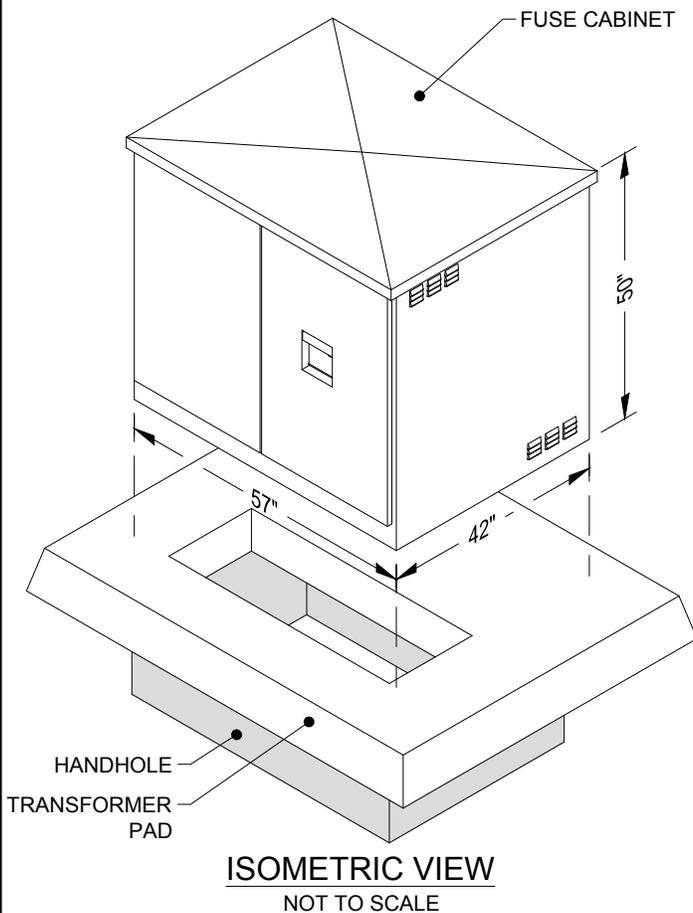


ELBOW-COMPARTMENT VIEW
NOT TO SCALE

SIDE VIEW
NOT TO SCALE



NOTES:

1. FUSE CABINET (3 PHASE, 200A, 15KV) SHALL BE FEDERAL PACIFIC TYPE FTDF FUSED SECTIONALIZER PAD-MOUNTED SWITCHGEAR ENCLOSURE MODEL FTDF-315-63PF-AJ20-B5-SB1.
2. CONCRETE TRANSFORMER PAD SHALL BE JENSEN PRECAST MODEL UPAD 56 THREE PHASE TRANSFORMER (OVERTON POWER DISTRICT).
3. CONCRETE HANDHOLE SHALL BE JENSEN PRECAST RISER MODEL RS304818.
4. ELECTRICAL CONDUITS SHALL EXTEND 3" ABOVE THE BOTTOM OF THE HANDHOLE.
5. THE FINISH GRADE SHALL SLOPE AWAY FROM THE PAD AT A 2% MIN IN ALL DIRECTIONS.
6. THE TRANSFORMER PAD SHALL BE PLACED 5' FROM BACK OF CURB W/ THE DOORS OF THE FUSE CABINET FACING THE DIRECTION OF TRAFFIC FOR ALL NEW CONSTRUCTION. INSTALLATION LOCATIONS WITHIN IMPROVED AREAS WILL BE DETERMINED BY A CITY REPRESENTATIVE.
7. CONCRETE TRANSFORMER PAD SHALL BE INSTALLED OVER A 6" MIN. TYPE II AGGREGATE BASE COMPACTED TO 95%. ALL OTHER BACKFILL SHALL BE 3" MINUS COMPACTED TO 92%.
8. ALL ELECTRICAL CONDUITS SHALL HAVE A 3" MIN. CLEARANCE BETWEEN CONDUITS.
9. VEHICULAR PROTECTIVE BOLLARDS MAY NEED TO BE INSTALLED NEAR OUTSIDE CORNERS OF STRUCTURE AT THE CITY'S DISCRETION.
10. ALL MATERIALS SHALL BE AS LISTED, OR AN APPROVED EQUAL. THE USE OF A BRAND NAME IS FOR PURPOSE OF DESCRIBING A STANDARD QUALITY, PERFORMANCE, AND CHARACTERISTIC DESIRED, AND IS NOT INTENDED TO LIMIT OR RESTRICT COMPETITION.



**CITY OF
BOULDER CITY, NV**
**PUBLIC WORKS
DEPARTMENT
ENGINEERING
DIVISION**

**STANDARD DRAWING
ELECTRICAL INFRASTRUCTURE REQUIREMENTS**

FTDF FUSE CABINET

CREATED BY:
M. GRIMES
ISSUE DATE:
1/21/14
FILE NAME:
BC-FTDF.dwg
SHEET:

1 OF 1