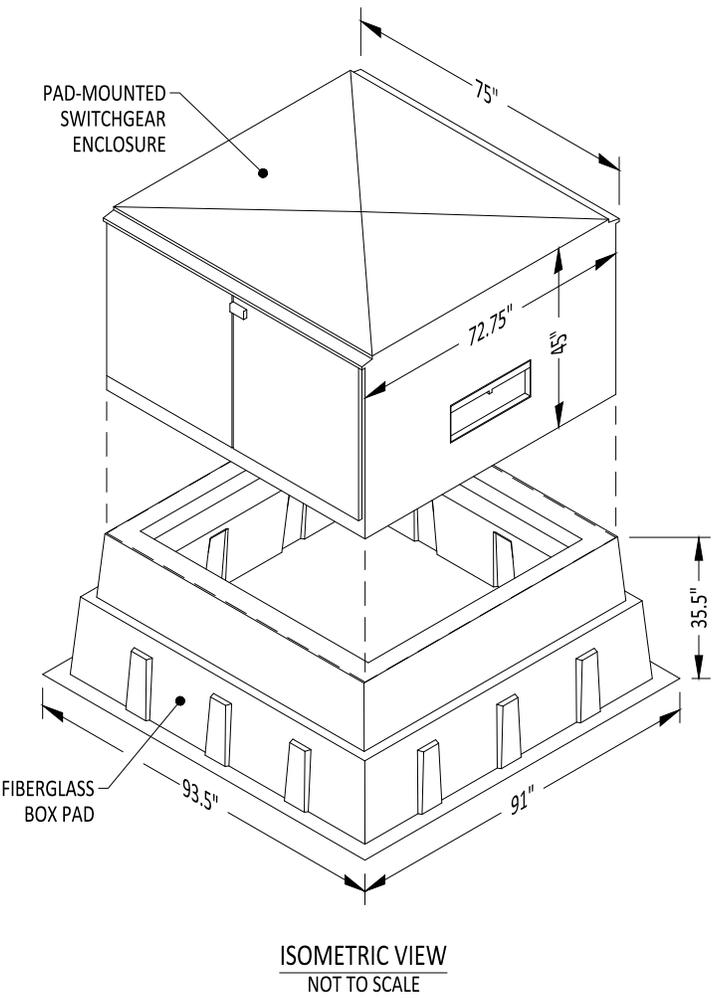


* SEE SHEET 2 OF 2 FOR CONDUIT PLACEMENT VIEW.



NOTES:

1. DF-11 SWITCHGEAR ENCLOSURE (DEAD-FRONT, 3 PHASE, 15KV) SHALL BE EITHER S&C MODEL PME-12, CATALOG No. 65172R1 OR FEDERAL-PACIFIC MODEL PSE-12, CATALOG No. 44132. EACH DF-12 SHALL INCLUDE NINE S&C SMU-20 FUSES, S&C CATALOG No. 61250, AND NINE S&C FUSE END-FITTINGS, S&C CATALOG No. 3093 OR FEDERAL-PACIFIC CATALOG No. FP-3097.
2. BOX PAD SHALL BE NORDIC FIBERGLASS, INC. MODEL GS-75-73-36-MG-67X62.
3. BOTTOM OF THE ENCLOSURE SHALL BE 12" FROM FINISH GRADE.
4. ALL ELECTRICAL CONDUITS SHALL EXTEND 3" FROM THE BOTTOM OF THE BOX PAD. UNLESS SPECIFIED OTHERWISE, 2-6" CONDUITS SHALL SWEEP UP INTO THE BOX PAD UNDER THE SWITCH COMPARTMENT, AND 1-4" CONDUIT SHALL SWEEP UP INTO THE BOX PAD UNDER EACH FUSE COMPARTMENT. SPACING BETWEEN CONDUITS AND THE INSIDE EDGE OF THE BOTTOM OF THE BOX PAD SHALL BE IN ACCORDANCE WITH THE CONDUIT PLACEMENT VIEW.
5. THE FINISH GRADE SHALL SLOPE AWAY FROM THE PAD AT A 2% MIN IN ALL DIRECTIONS.
6. THE CONCRETE COLLAR SHALL BE 8" WIDE X 6" THICK, COMPLETELY SURROUND THE BOX PAD, AND REINFORCED WITH A CONTINUOUS #4 REBAR CENTERED IN COLLAR.
7. CONCRETE COLLAR AND BOX PAD SHALL BE INSTALLED OVER A 6" MIN. TYPE II AGGREGATE BASE COMPACTED TO 95%.
8. THE ENCLOSURE SHALL BE PLACED 5' FROM BACK OF CURB W/ THE DOORS FACING THE DIRECTION OF TRAFFIC FOR ALL NEW CONSTRUCTION. THE SWITCH COMPARTMENT (COMPT. 2 AS INDICATED ON THE CONDUIT PLACEMENT VIEW) SHALL BE ORIENTED AS SPECIFIED FOR THE INSTALLATION LOCATION. INSTALLATION LOCATIONS WITHIN IMPROVED AREAS WILL BE DETERMINED BY A CITY REPRESENTATIVE.
9. ALL ELECTRICAL CONDUITS SHALL HAVE A 3" MIN. CLEARANCE BETWEEN CONDUITS.
10. VEHICULAR PROTECTIVE BOLLARDS MAY NEED TO BE INSTALLED NEAR OUTSIDE CORNERS OF STRUCTURE AT THE CITY'S DISCRETION.
11. ENCLOSURE AND BOX PAD SHALL BE COLORED MUNSELL DARK GREEN (7GY 3.29/1.5).
12. 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

SWITCHGEAR (DF-12)

CREATED BY:
M. GRIMES

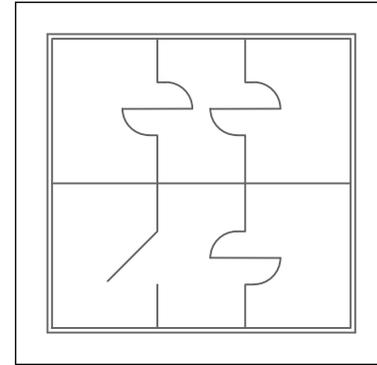
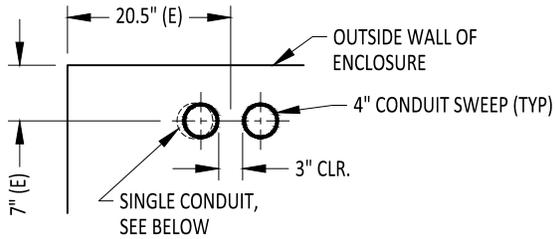
ISSUE DATE:
10/31/17

FILE NAME:
BC-DF-12.dwg

SHEET:
1 OF 2

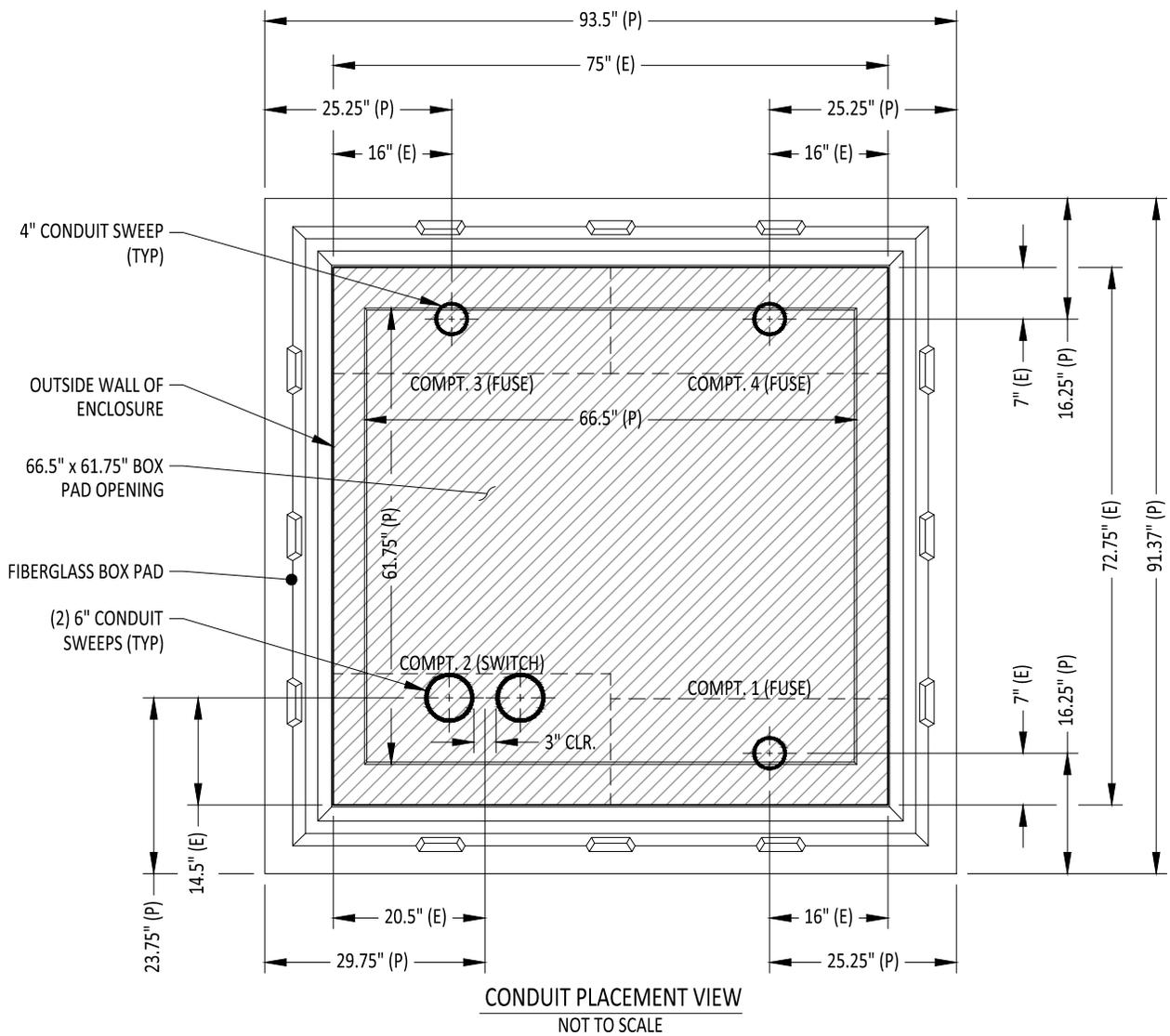
NOTES:

1. ALL CONDUITS SHALL TERMINATE 3" FROM BOTTOM OF BOX PAD.
2. DIMENSIONS SHALL REFERENCE THE ENCLOSURE (E) OR THE BOX PAD (P).
3. IN SITUATIONS WHERE A PROJECT REQUIRES MULTIPLE CONDUITS WITHIN A FUSE COMPARTMENT, SEE MULTI-CONDUIT SPACING DETAIL BELOW.



MULTI-CONDUIT SPACING
NOT TO SCALE

PLAN SYMBOL
NOT TO SCALE



CONDUIT PLACEMENT VIEW
NOT TO SCALE



CITY OF BOULDER CITY, NV
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

STANDARD DRAWING
ELECTRICAL INFRASTRUCTURE REQUIREMENTS

SWITCHGEAR (DF-12)

CREATED BY:
M. GRIMES

ISSUE DATE:
10/31/17

FILE NAME:
BC-DF-12.dwg

SHEET:
2 OF 2