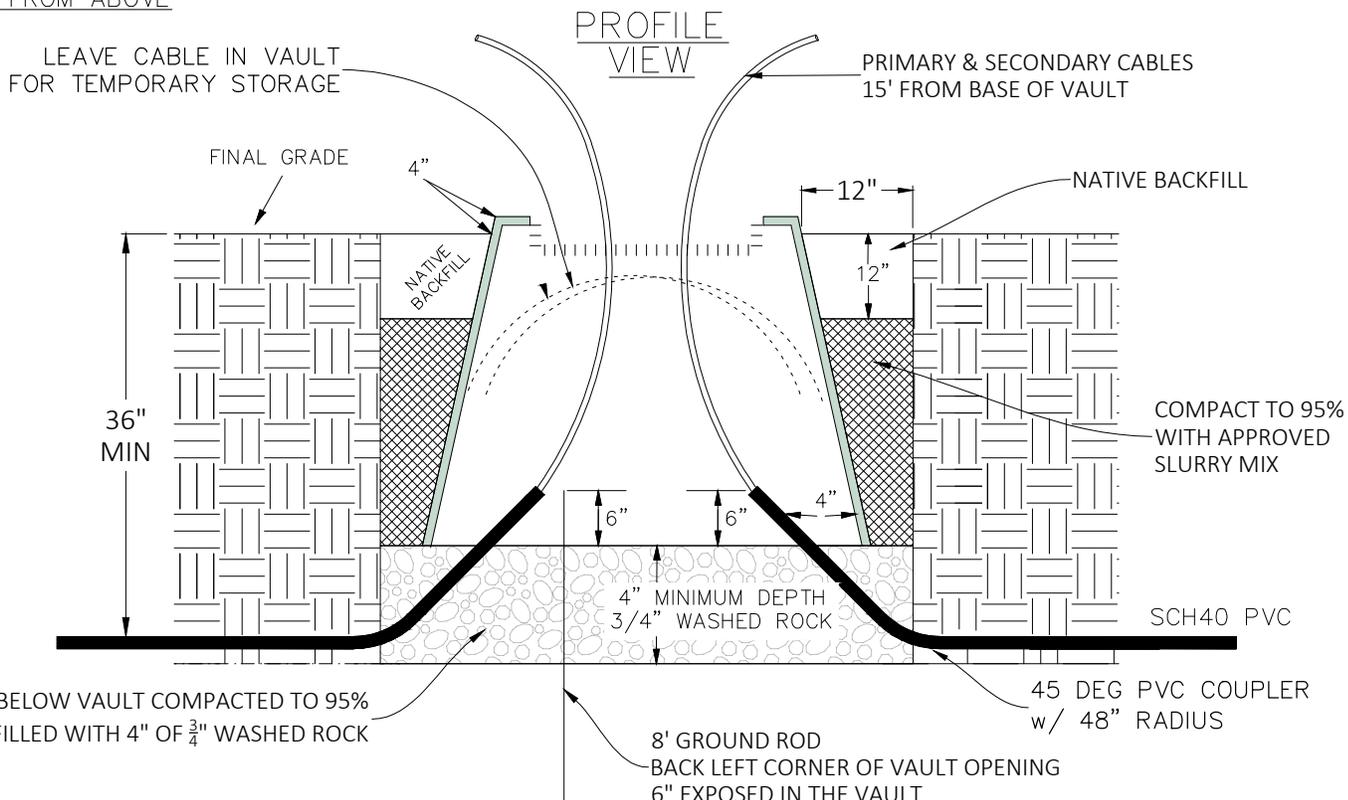


SECONDARY: 45 DEG PVC COUPLERS  
4" FROM INSIDE EDGE

GRND ROD

PRIMARY: 45 DEG PVC COUPLERS  
4" FROM INSIDE EDGE

VIEW FROM ABOVE



AREA BELOW VAULT COMPACTED TO 95%  
AND FILLED WITH 4" OF 3/4" WASHED ROCK

8' GROUND ROD  
BACK LEFT CORNER OF VAULT OPENING  
6" EXPOSED IN THE VAULT

NOTES:

1. VAULT MUST BE LEVEL
2. SET 4" ABOVE FINAL GRADE
3. PROVIDE 95% COMPACTION UNDER AND AROUND THE VAULT
4. MINIMUM OF 4" WASHED ROCK TO BE INSTALLED UNDER THE VAULT
5. CABLE LENGTH SHALL BE 15' AND MEASURED FROM THE BASE OF THE VAULT
6. THE CABLE DUCT SHALL HAVE 6" EXPOSED IN THE VAULT
7. USE 45 DEG COUPLERS w/ 48 IN RADIUS TO SWEEP THE PRIMARY AND SECONDARY PVC CONDUITS INTO THE VAULT
8. AN 8' GROUND ROD SHALL BE PLACED IN THE BACK LEFT CORNER OF THE VAULT OPENING LEAVING 6" EXPOSED ABOVE THE ROCK
9. ORIENTATION OF THE VAULT/TRANSFORMER SHALL BE ESTABLISHED BY LPC
10. TRANSFORMER LOCATIONS REQUIRE THE FOLLOWING MINIMUM CLEARANCES
  - 10.1. 5' ON THE SIDES AND BACK FROM LANDSCAPING AND STRUCTURES - CONFIRM LOCAL CODES INCLUDING FIRE FOR GREATER CLEARANCE REQUIREMENTS
  - 10.2. 10' IN THE FRONT WHERE ACCESS DOORS ARE LOCATED
  - 10.3. 5' FROM A DRIVING SURFACE BEHIND A CURB OR PROTECTIVE FEATURE. RESIDENTIAL DRIVEWAY CLEARANCE MAY BE REDUCED TO 3'
  - 10.4. 3' MINIMUM FROM A DRIVING SURFACE WITH THE USE OF BOLLARDS
  - 10.5. 10' FROM A DRIVING SURFACE WHERE NO PROTECTIVE FEATURE IS PROPOSED
  - 10.6. 15' MAXIMUM SETBACK FROM A DRIVABLE SURFACE, MEASURED FROM THE CENTER, FOR LPC TRUCK/LIFTING ACCESS
  - 10.7. FOR MORE EQUIPMENT CLEARANCE DETAILS REFERENCE 700-02
11. FOR BOLLARD PROTECTION REFERENCE DETAIL 700-18
12. THE MAX NUMBER AND SIZE OF SECONDARY CONDUCTORS CAN BE FOUND IN DETAIL 700-19 - SECONDARY CABINETS

ELECTRIC SERVICES

CALL 1-800-922-1987 TO OBTAIN UTILITY LOCATES

NOT TO SCALE



1100 S SHERMAN ST  
LONGMONT, CO 80501

# SINGLE PHASE TRANSFORMER VAULT

PHONE: 303-651-8386  
FAX: 303-651-8796

Revision #:
Approved by:
Date Approved:
File: UG Drawings 2025
DETAIL
700-09