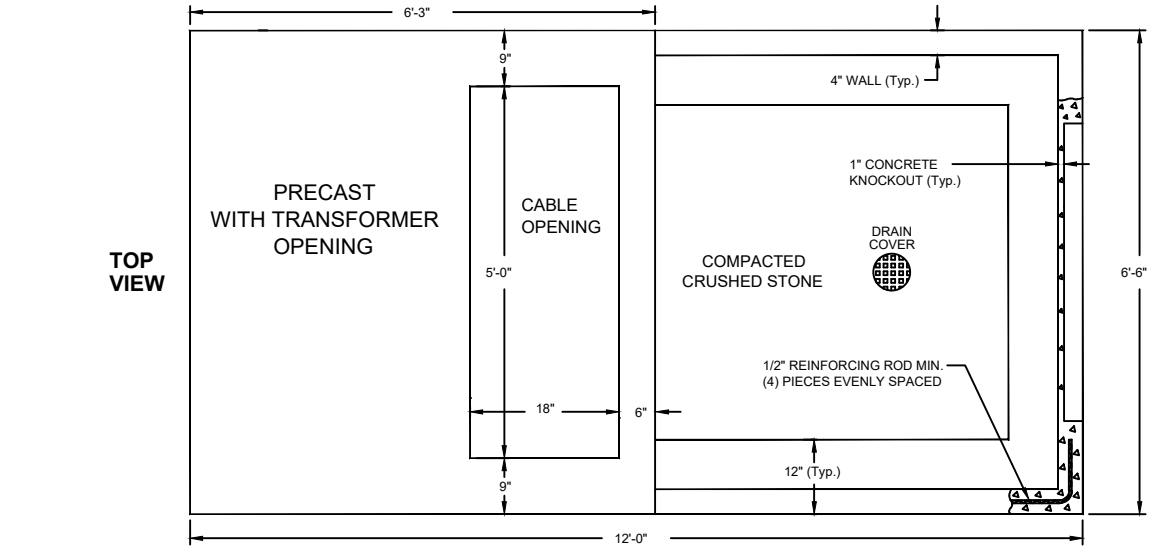

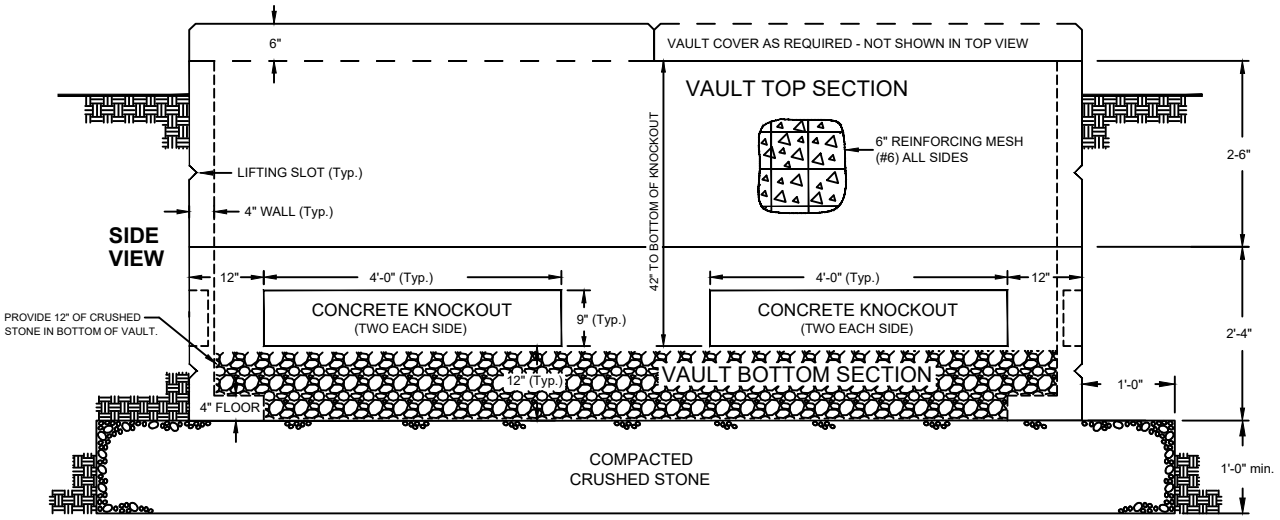

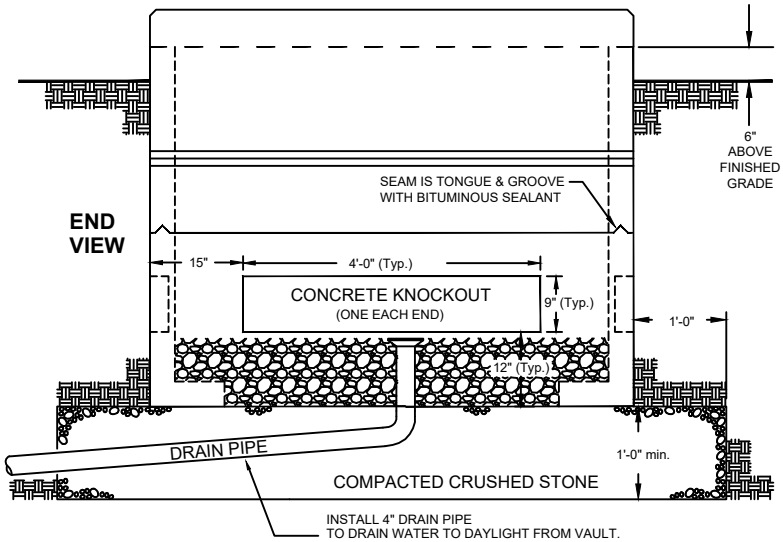

INSTALLATION REQUIREMENTS

1.) If the vault is cut into an embankment, NHEC may require a retaining wall either in front or behind the vault to prevent material from spilling into or away from the vault.

2.) Top of vault shall be six inches above finished grade.

3.) All vaults will be constructed with a drainage system of approved pipe material to drain water that may penetrate the vault. The piping shall originate at the lowest point inside the vault and be routed to free air at an elevation below its origination that promotes drainage.

4.) If vault is located near the traveled way, NHEC may require a protective structure to prevent damage.

5.) Seal all knockouts after conduit is placed.

6.) Concrete shall have a compressive strength of 5000 P.S.I. after 28 days when tested in accordance with ASTM C-39-72 (Latest edition).

7.) Refer to Member Handbook Underground Service Installation Section for further clarification and detailed descriptions for underground installations.

FURTHER REQUIREMENT INCLUDES:

1.) Vault cover U7-7E to enclose vault.

2.) Approximate weights:

Vault top section	5600 Lbs.
Vault bottom section	5300 Lbs.
Vault cover U7-7E	2600 Lbs.

New Hampshire Electric Co-op

CONSTRUCTION STANDARDS

PRECAST VAULT ASSEMBLY FOR 3-PHASE TRANSFORMERS

U5-7

ISSUE DATE: 9/22