TYPICAL BACKFILL NOTES:

1. Excavations and invert trenches shall comply with local codes.
2. Contractor shall provide material necessary to carry the burden of excavation and shall ensure that all existing utilities and structures are adequately protected.

TYPICAL BACKFILL SECTION ADJACENT TO STRUCTURES

1. Backfill shall consist of native material Type III classification (maximum). Approved by the Engineer.
2. Backfill shall be compacted to maximum density per section 20.04.
3. Provide backfill at same elevation and concrete slab interface.
4. If unsuitable material is found below the base of structures, Engineer may direct contractor to displace and replace with Type IV material.

LIFT STATION VENT PIPE DETAIL

1. Vent pipe shall be made of Schedule 40 steel pipe with collar.
2. Vent pipe shall be tested and inspected by the Engineer.
3. Contractor shall provide material necessary to carry the burden of excavation.

CONCRETE GENERATOR SLAB SECTION

1. Refer to Lift Station Site Plan Drawings for slab location.
2. Provide a grout finish on all slab surfaces in a longitudinal direction.
3. Place anchor bolts and vibration isolators as required by the Generator manufacturer.

* MATERIALS, SIZES, DIMENSIONS AND ELEVATIONS SHALL BE DESIGNED BY THE ENGINEER.
NOTES:
1. ALL STEEL IS GALVANIZED
2. SS = STRUCTURAL STEEL
3. GET GATE IE BACK POSTS SO THAT THE CHAIN CAN LOOP AROUND THE GATE ARM AND SECURE WITH A HOOK
4. NOTE GRADES MARY AND POST HEIGHT MAY NEED TO BE ALTERED TO ALLOW GATE ARM AND CHAIN TO MEET PROPERLY
5. GATE THRESHOLD POSTS SHALL BE FIELD LOCATED.

* MATERIALS, SIZES, DIMENSIONS AND ELEVATIONS SHALL BE DESIGNED BY THE ENGINEER.
NOTES:

1. Call for locate prior to any underground work.

2. Provide drainage at pole base.

3. Reinforcing steel shall be performed bars conforming to the requirements of ASTM A73, Grade 60, bend bars. Use lap splices as bar diameters unbroken at steel. Reinforcing bars continuous through cold joints. Securely anchor and by reinforcing bars and splices prior to placing concrete.

4. Concrete mix shall be 4,000 psi minimum compressive strength. Materials and placing shall be in accordance with ACI 318, 2002. ACI 318, Air entrainment shall be 4% to 6% by volume.

5. Coordinate with AWU to arrange & perform a radio antenna signal strength test prior to installing the antenna concrete base. This is to determine the best possible signal to the nearest access point radio.