UNDERGROUND SERVICE PEDESTAL

NOTES:

1. Locate service pedestal on either side of controller foundation as specified. Location may be modified to best suit field conditions per Resident Engineer approval. Maintain 48" inch minimum clearance around each unit with doors opened to any position.

2. Locate service pedestal and controller so water drains away from foundations and junction boxes. Site preparation, including grading, may be required before placing equipment.

3. Include meter socket with test block (safety socket) required for circuit breakers.

4. Provide underground service pedestal:
   A. Rated 100 amp at 120/240 volt VTS
   B. Provide for six full size poles (including mains) for both metered and unmetered circuit breaker interiors
   C. Use plug-in circuit breakers
   D. Label all breakers
   E. Use detachable base for pre-installation in interiors
   F. Secure piano hinged doors with master padlock No. P-44

5. Provide similar concrete pad to fit unit with 4" inches around base and 8 inches thick if underground service pedestal with uninterrupted power source is being installed.

6. See Std DWG at TA for junction box details.

- Cast-in-place class AA(AE) concrete pad
- 3 inch PVC conduit for 240 Volt incoming power service from power source
- Coordinate with local utilities regarding service conductors.
- Provide 3 inch PVC conduit for power source circuit
- # 6 ground wire
- 2 inch PVC conduit for metered 120 volt signal controller circuit
- 2 inch PVC conduit for un-metered 240 volt street lighting circuit
- 2 inch ground wire
- 1 1/2 inch x 10 ft copper coated STL ground rod
- 6.5 inch free draining granular backfill sorrow
- 1" above finish grade