



SEE CONSTRUCTION NOTES
ON REVERSE SIDE

ORG. BY MEF
10/04/99
APPROVED

ELECTRIC SECONDARY HANDHOLE

GROTON UTILITIES

CONSTRUCTION STANDARD

E 12.220

2

NOTES FOR ELECTRIC SECONDARY HANDHOLE

1. Minimum distance to any structure is 48".
(Ground must be level and unobstructed for 48")
2. **Handhole size**, Conduit size and location to be determined by the Groton Utilities.
3. All conduits must be pointed to center of handhole. **Conduit routing shall adhere to Groton Utilities standard E-12.105. All conduits shall extend 3" inside the handhole. PVC conduits will be fitted with bell ends and galvanized steel conduits will be fitted with grounding bushings.** Bond all galvanized steel conduits inside handhole to ground rods with a minimum of #6 AWG CU stranded bare wire (ground rod required only with steel conduits.)
4. Grading must be completed to rough grade around secondary handhole before any Groton Utilities equipment can be installed.
5. The handhole shall be fitted with a lockable cover designed for H-2O street loading with the word "Electric" cast in the cover **and fastened with stainless steel bolts.**

6. LIST OF APPROVED MATERIALS

<u>ITEM</u>	<u>CAT. #</u>	<u>REQ PER HANDHOLE</u>
A. Quazite (17"x30") Stackable Box	PG 1730BA24	(1)
Heavy Duty Cover	PG 1730HA17	(1)
B. Quazite (24"x36") Stackable Box	PG 2436BA24	(1)
Heavy Duty Cover	PG 2436HA24	(1)

7. LIST OF SUPPLIERS

<u>MANUFACTURER</u>	<u>MATERIALS</u>
WESCO 178 Wallace Street New Haven, CT 06510 (800) 227-9169	A, B
Capitol Light & Supply Co. 3 Industrial Drive Waterford, CT 06385 (860) 444-2611 (800) 367-9701	A, B
Electrical Wholesaler, Inc. 163 State Pier Road New London, CT 06320 (860) 443-4381 (800)443-4381	A, B

Submit detail drawings for approval for handholes and covers by other manufacturers.