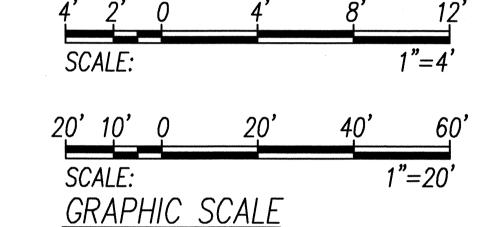


## **PLAN NOTES**:

- Existing Utility Pole and Overhead Lines to be Relocated by the Respective Utility Company to Clear New Improvements, Locations as Indicated.
- Intercept Existing Underground HTCo Ductline with New 2' x 4' HTCo Pullbox and Extend to New Utility Pole with New 2"C, Split Duct Type, and Long Radius Bend Up Pole, per HTCo Requirements and Approval.

,	FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAWAII	HAW.	11M-01-00	2002	64	<i>65</i>



APPROVED BY: VERIZON/HAWAII, INC. 11-15-01 DATE

## GRAPHIC SCALE VERIZON HAWAII PULLBOX INSTALLATION NOTES:

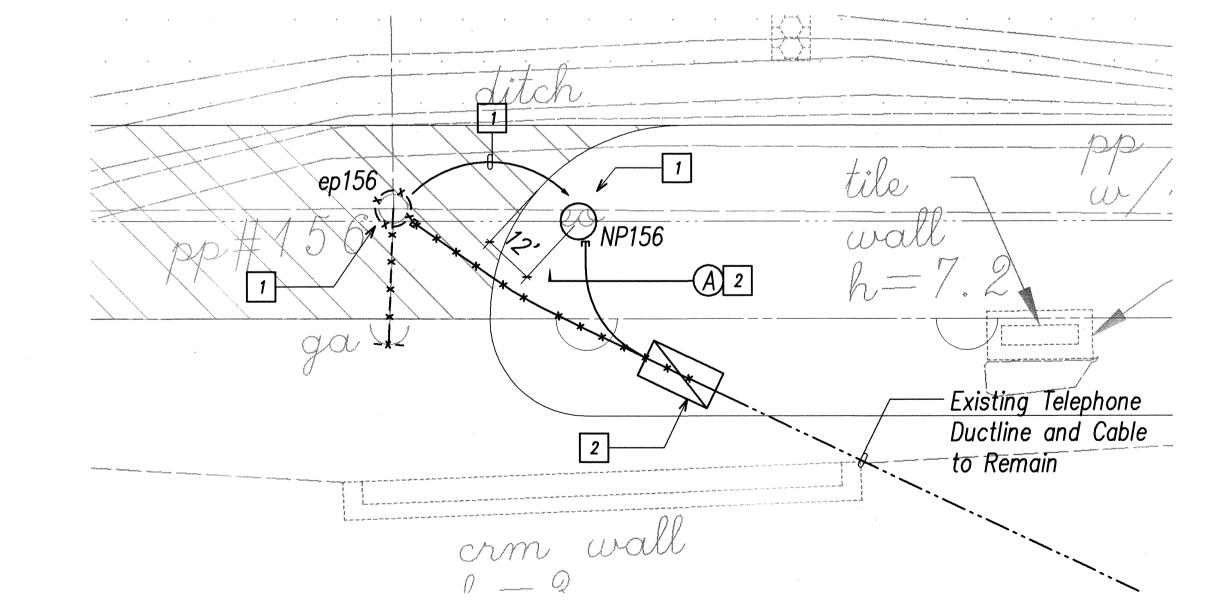
## All Type 435TB (2' x 4') pullboxes shall be constructed with a 12" base and a minimum of three 8" precast sections. (Refer to HTCo Standard Drawings 34056 and 34078). Provide one 5/8" x 8' ground rod in Verizon Hawaii pullbox. At no time shall cement mortar, wood or any other material be used between precast sections. Leveling or raising of pullboxes shall be done at the brickwork section using cement mortar. The permanent

shall not be permitted.

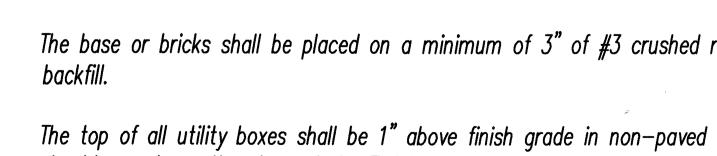
Concrete precasted base shall be used in new construction. Bricks may be used as an alternative only when intercepting existing ducts. The minimum layers of bricks to be used shall always be at least one layer lower than the lowest duct entering the pullbox. At no time, however, shall there be less than two layers of bricks on each installation.

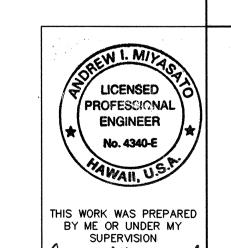
installation of wooden wedges to level or raise the precast sections

- Unless indicated otherwise, conduits shall enter boxes at 90-degree angle and be flush to the wall with flared or bell ends to prevent cable damage.
- The base or bricks shall be placed on a minimum of 3" of #3 crushed rock
- shoulders unless otherwise noted. Finish grade material shall be placed from the top of the utility box and feathered two feet around to finish grade.



ENLARGED TELEPHONE DUCTLINE RELOCATION ELECTRICAL PLAN SCALE: 1"=4"





andrew I. Myant

DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

REVISION

<u>TELEPHONE POLE LINE</u> RELOCATION ELECTRICAL PLANS

**VOLCANO ROAD INTERSECTION** IMPROVEMENTS AT HUINA ROAD State Project No. 11M-01-00

SCALE: AS NOTED DATE: AUGUST, 2001 SHEET No. E-6 OF 7 SHEETS

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