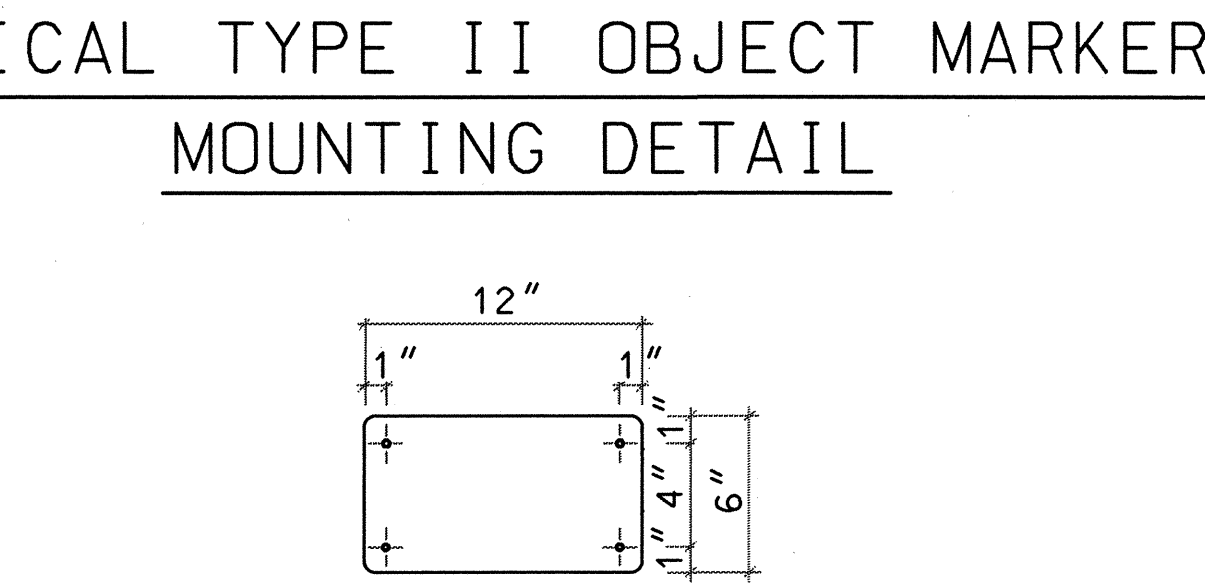
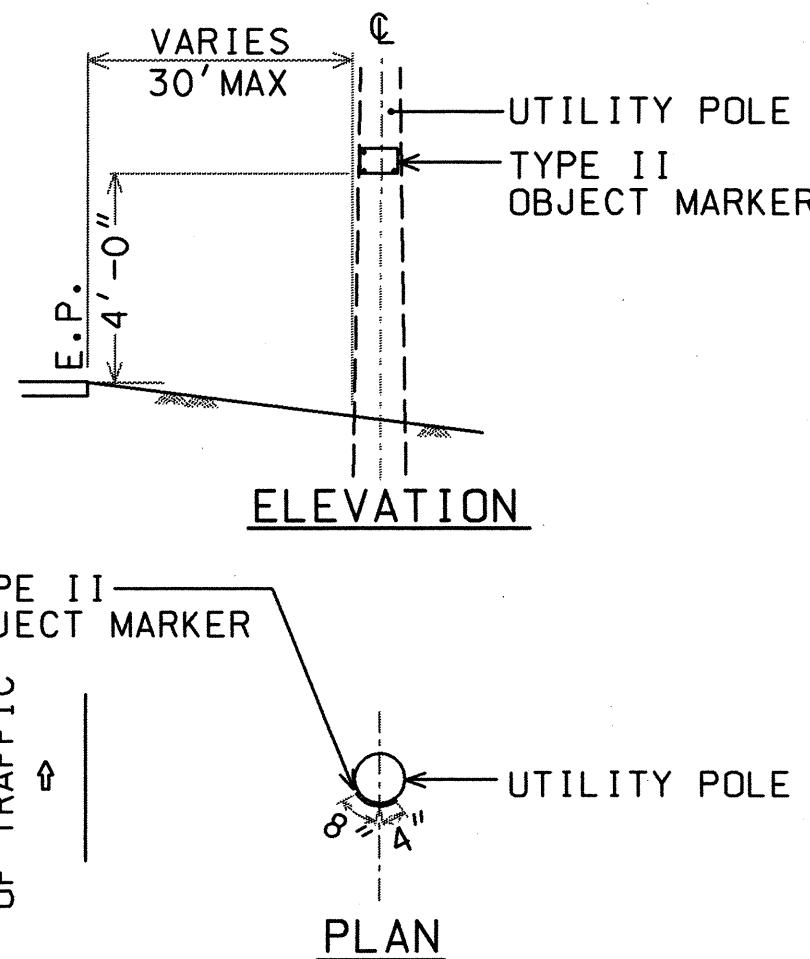
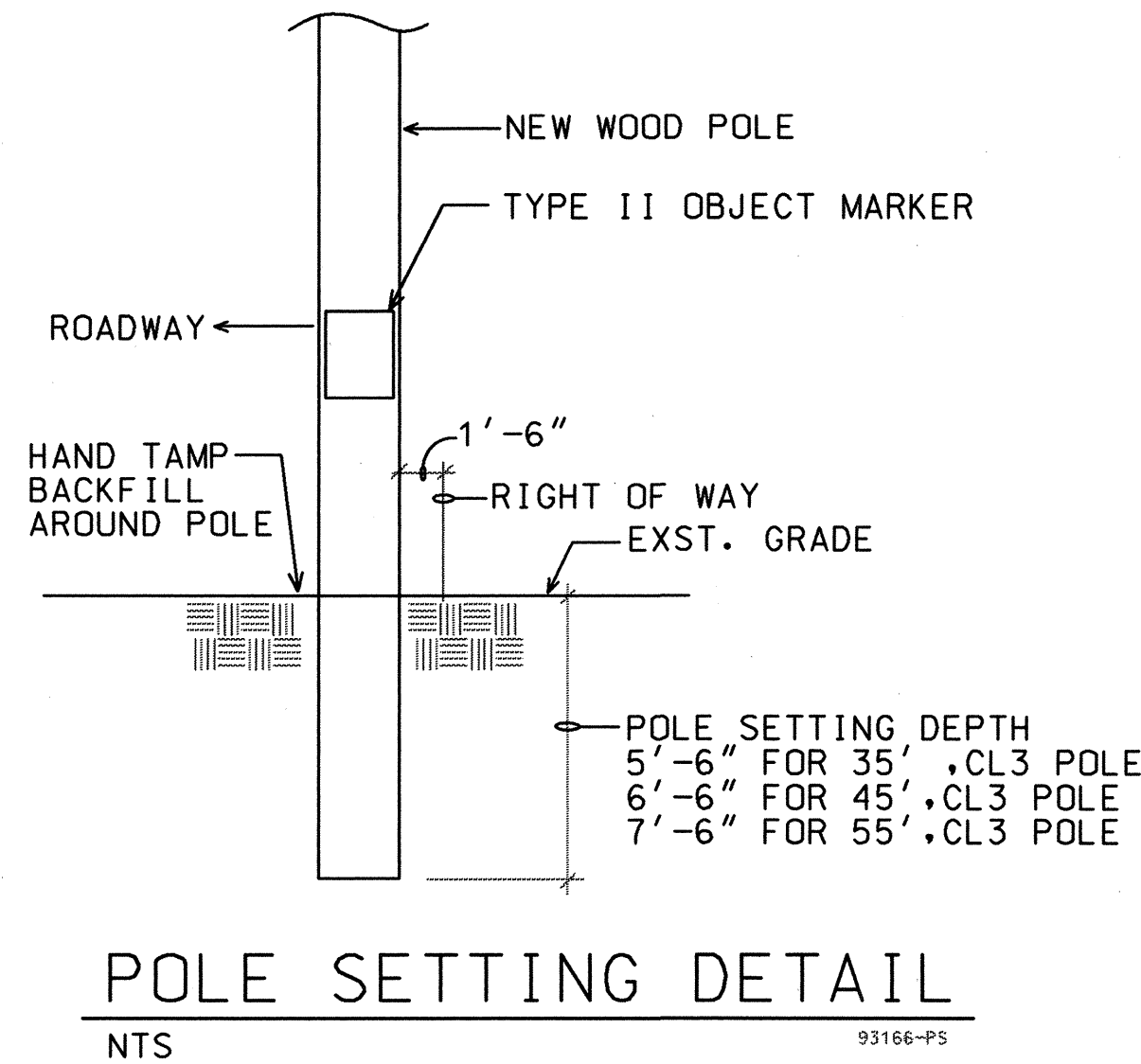
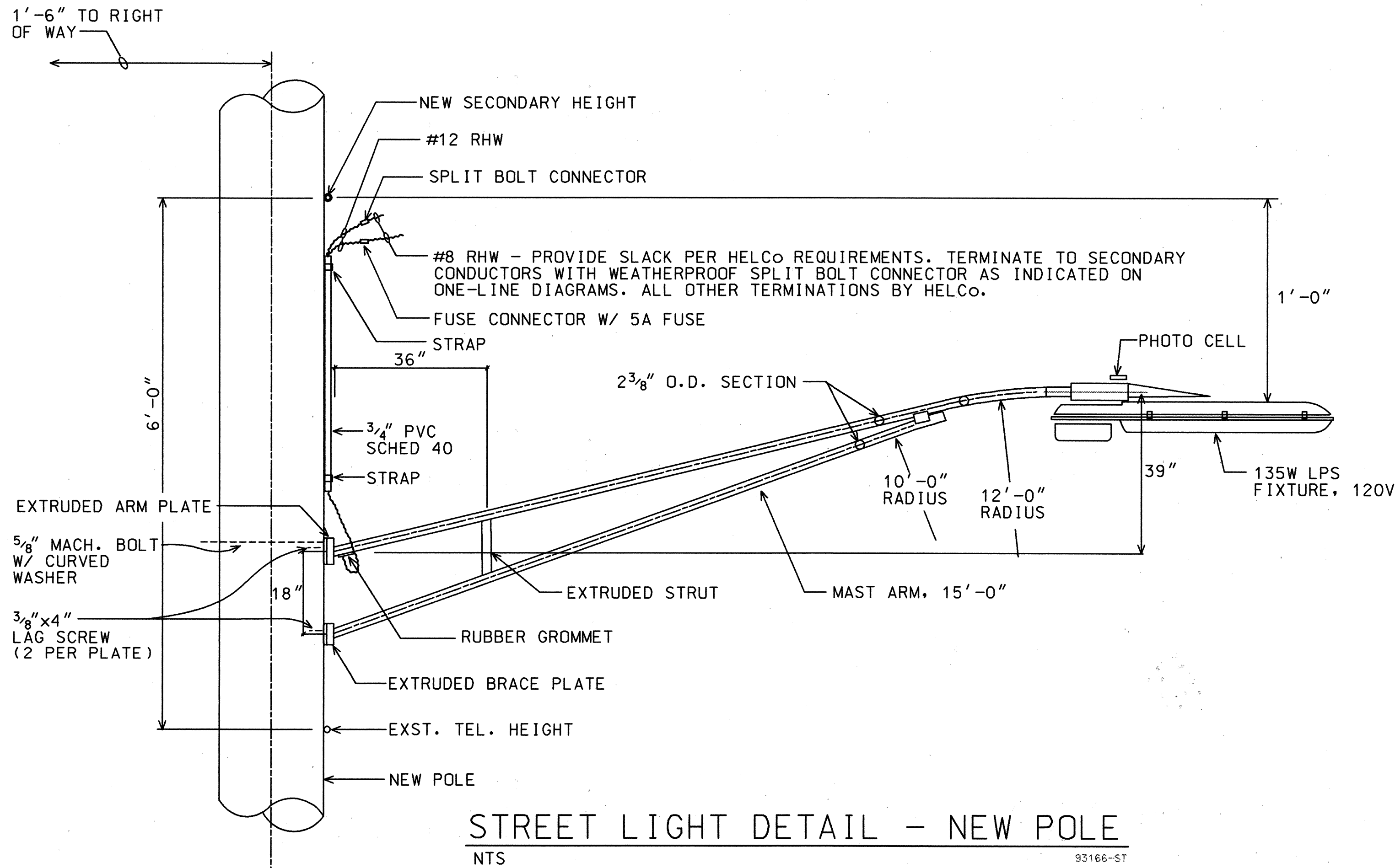
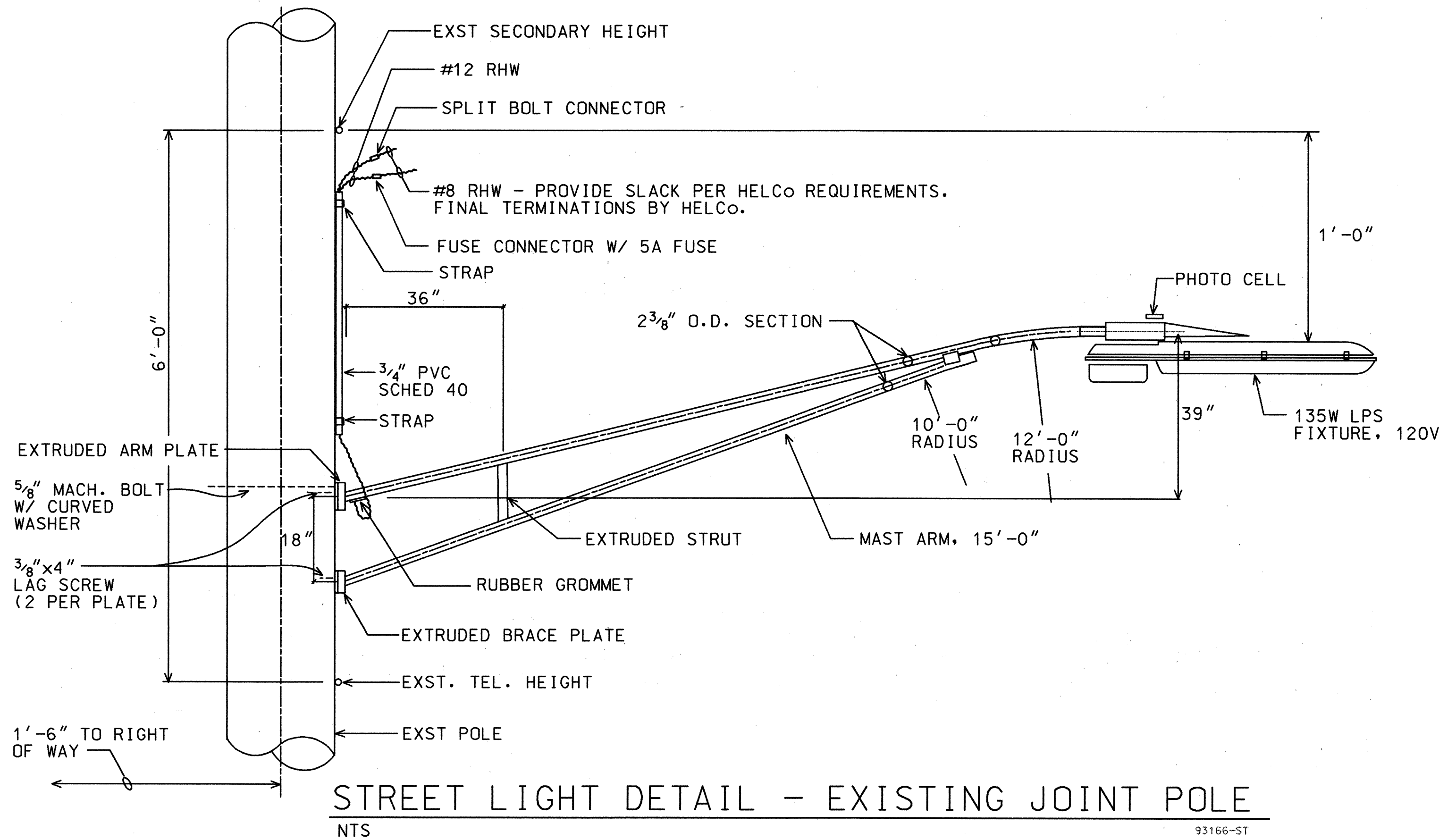


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-02-94	1994	11	12



GENERAL NOTES

ALL OBJECTS (UTILITY POLES OR TREES) THAT ARE WITHIN THE STATE HIGHWAY RIGHT OF WAY AND WITHIN 30 FEET OF THE ROADWAY EDGE OF PAVEMENT SHALL BE MARKED AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL PREPARE THE MOUNTING SURFACE OF EACH OBJECT AS DIRECTED BY THE ENGINEER AND PLACE THE TYPE II OBJECT MARKER AS SHOWN ON THIS PLAN.

TYPE II OBJECT MARKERS SHALL BE MOUNTED ON UTILITY POLES AND TREES WITH 1 3/4" GALV ROOFING NAILS (4 EA.).

BRANCHES OF TREES WHICH OBSCURE THE OBJECT MARKERS SHALL BE TRIMMED. (PAYMENT SHALL BE INCIDENTAL TO TYPE II OBJECT MARKERS AS SHOWN IN THE PROPOSAL)

TYPE II OBJECT MARKERS FOR UTILITY POLES AND TREES, ETC, SHALL BE MADE OF AMBER REFLECTIVE SHEETING MATERIAL OVERLAYED ON 0.020" ALUMINUM SHEETING.

OBJECTS SUCH AS CONCRETE POSTS, CONCRETE OR ROCK WALL AND BOXES, METAL POSTS (GREATER THAN 2" IN DIAMETER), OR METAL BRASS SHALL BE MARKED WITH POST MOUNTED OBJECT MARKERS. POST MOUNTED TYPE II OBJECT MARKERS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

- IT SHALL CONSIST OF AMBER REFLECTIVE SHEETING MATERIAL OVERLAYED ON 0.063" THICK SHEET ALUMINUM BACKING OF THE DIMENSIONS SHOWN ON THE PLANS.
- IT SHALL BE MOUNTED ON EITHER METAL POSTS OR FLEXIBLE DELINEATOR POSTS WITH 1/4" x 2" GALV BOLTS, NUTS AND WASHERS. METAL POSTS SHALL BE GALVANIZED AND SHALL BE EITHER 1 1/2" x 1 1/2", 12 GAGE SQUARE TUBE POSTS OR 1.12 PER FT. FLANGED CHANNEL POSTS.



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
B. Okano
MK ENGINEERS, LTD.

DATE	DELETED TERMINATION DETAILS & REVISED DETAILS
6/16/94	DELETED TERMINATION DETAILS & REVISED DETAILS
DATE	DESCRIPTION
	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION STREET LIGHT & POLE DETAILS KEAAU-PAHOA ROAD HIGHWAY LIGHTING, BETWEEN HAWAII BELT ROAD AND PAHOA TOWN PROJECT NO. 130B-02-94 SCALE: AS NOTED DATE: JUNE 1994

SHEET No. E10 OF 11 SHEETS