DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Caltrans Metric

REGISTERED ELECTRICAL ENGINEER

July 1, 2004
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Martha V. Styer No. E13738 Exp. 6-30-07 ELECTRICAL STATE OF CALIFORNIA

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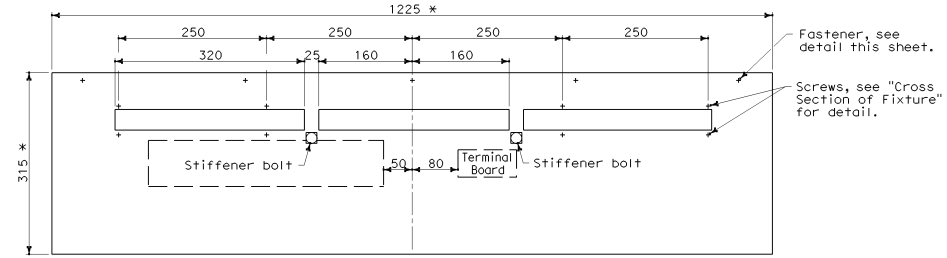
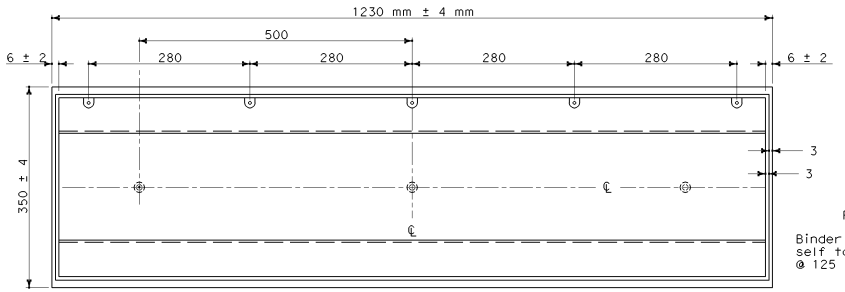
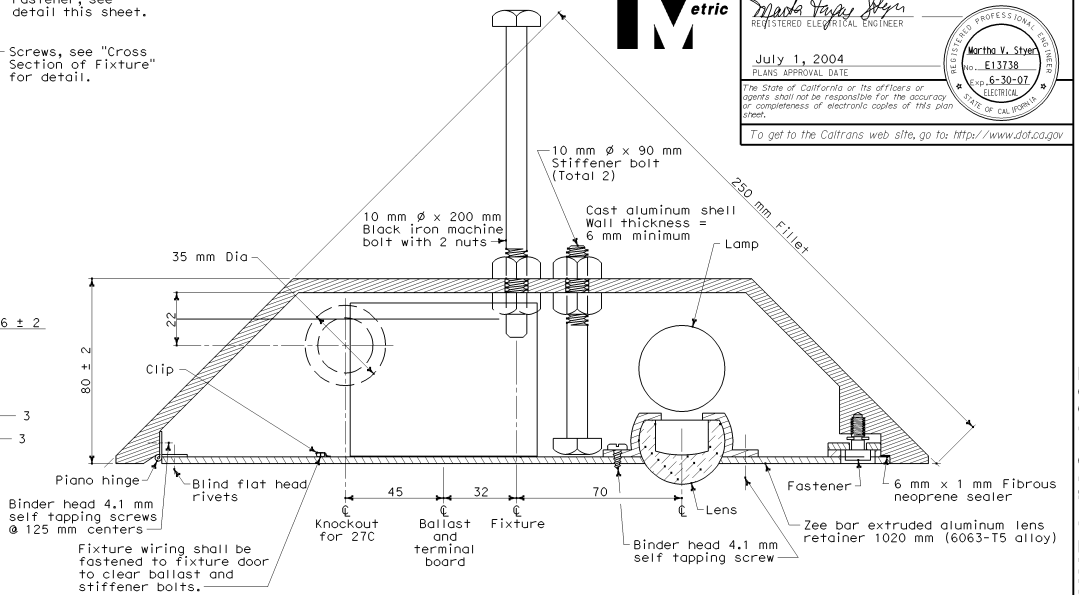


DOOR OF FIXTURE



SHELL OF FIXTURE

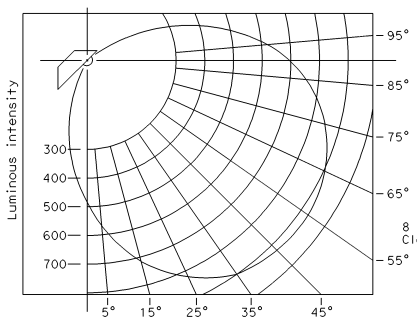


CROSS SECTION OF FIXTURE

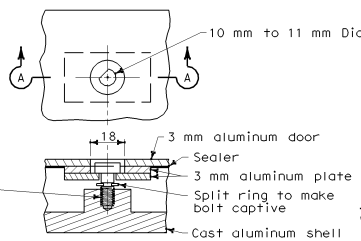
* Dimensions of door shall vary to fit fixture shell within 2 mm of actual door recess dimensions.

NOTES

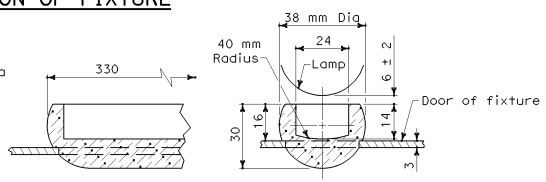
1. The maximum tolerance between door and lens shall be 0.4 mm. Casting dimensions of shell are nominal and are subject to such tolerances as are consistent with sound foundry practice.
2. For fixture locations, see Highway or Structure plans.



TYPICAL LUMINOUS INTENSITY DISTRIBUTION



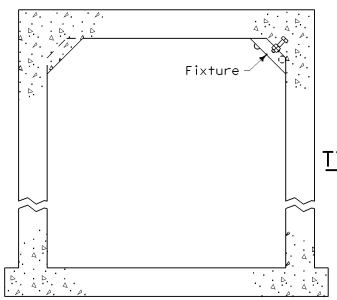
SECTION A-A



FIXTURE LENS

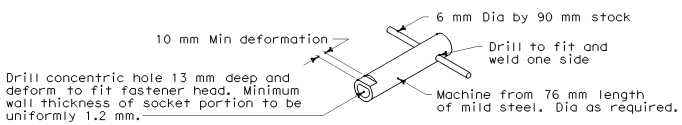
NOTE

When fixture shell is installed, stiffener bolts shall be set with about 3 mm clearance between bolt head and door before placing concrete. When fixture door is mounted, stiffener bolts shall be reset to barely clear inside of fixture door and inside nut shall be tightened.



TYPICAL CROSS SECTION OF PEDESTRIAN UC

FASTENER DETAIL



SPECIAL SOCKET WRENCH

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (PEDESTRIAN UNDERCROSSING FLUORESCENT LIGHTING FIXTURE)

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

ES-12B

2004 Std PLAN ES-12B

07-09-04