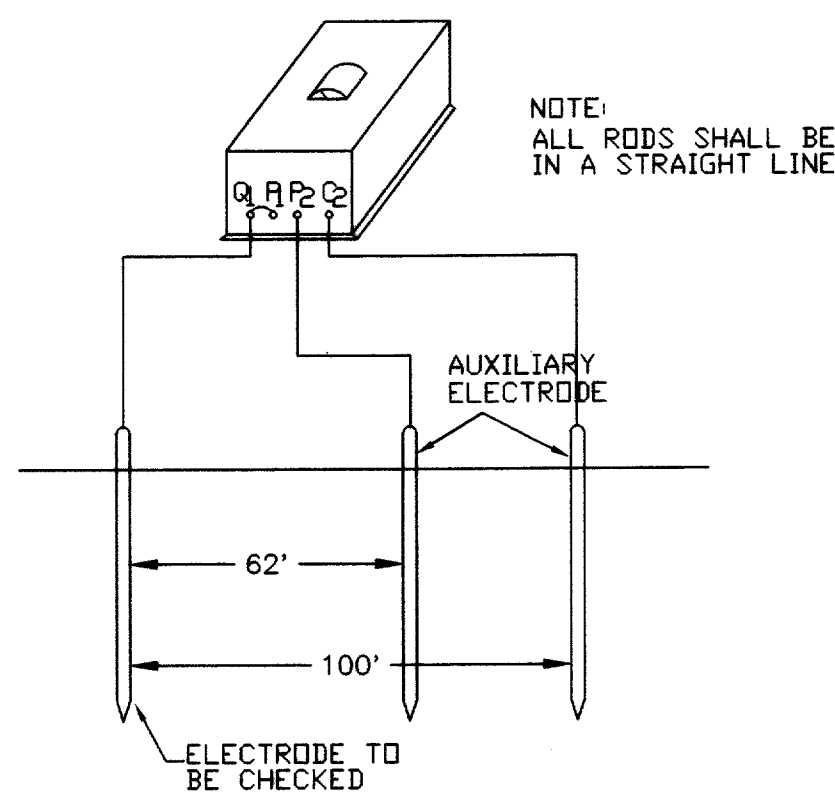


L-861T ELEVATED T/W LIGHTING INSTALLATION
NTS

3/4" x 10' COPPER CLAD GROUND ROD AT 600' INTERVALS OR AS SHOWN ON PLAN, CONNECT TO COUNTERPOISE.



GROUND TEST - FALL OF POTENTIAL METHOD
NTS

GROUND ROD TEST - BEFORE ANY WIRE IS CONNECTED TO THE GROUND RODS, EACH ROD SHALL BE TESTED IN THE PRESENCE OF THE ENGINEER. A WRITTEN RECORD OF THE RESULTS OF EACH INDIVIDUAL TEST SHALL BE PREPARED AND SIGNED BY THE CONTRACTOR AND THE ENGINEER. A DIRECT READING, SINGLE TEST, PORTABLE GROUND TESTING MEGGER SHALL BE USED TO TEST EACH GROUND ROD. THE AUXILIARY OR REFERENCED GROUND RODS SHALL BE 5/8" COPPER CLAD STEEL, NOT LESS THAN 4' IN LENGTH, AND DRIVEN IN 3 1/2' DEEP, AND SHALL BE INSTALLED IN A STRAIGHT LINE FROM THE GROUND ROD BEING TESTED. NO 12 AWG STRANDED WIRE LEADS WITH HIGH GRADE INSULATION SHALL BE CONNECTED TO THE ROD BEING TESTED, THE TWO REFERENCE RODS, AND TO THE PROPER GROUNDING POST ON THE INSTRUMENT. A POINTER INDICATES THE RESISTANCE TO EARTH IN OHMS, THE ENGINEER SHALL BE NOTIFIED. THESE TESTS SHALL NOT BE MADE WITHIN 48 HOURS AFTER RAINFALL OR DURING RAINY OR FOGGY WEATHER. IN ADDITION, AFTER GROUND RODS ARE TESTED AND CONNECTED, A COMPLETE SYSTEM TEST SHALL BE MADE IN A SIMILAR MANNER, USING THE SAME METHOD, AND THE SYSTEM TEST SHALL NOT EXCEED 25 OHMS.

NOTE: ALL RODS SHALL BE IN A STRAIGHT LINE.

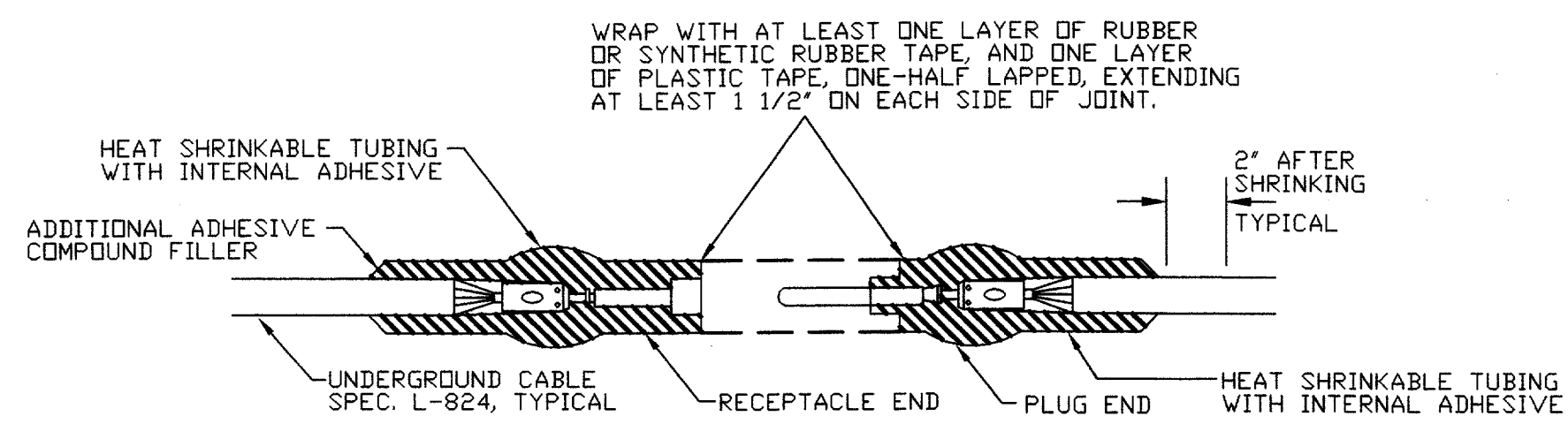


FIGURE 1
FOR SPLICES FOR USE AT JUNCTION OF HOMERUN WITH LOOP CIRCUIT.

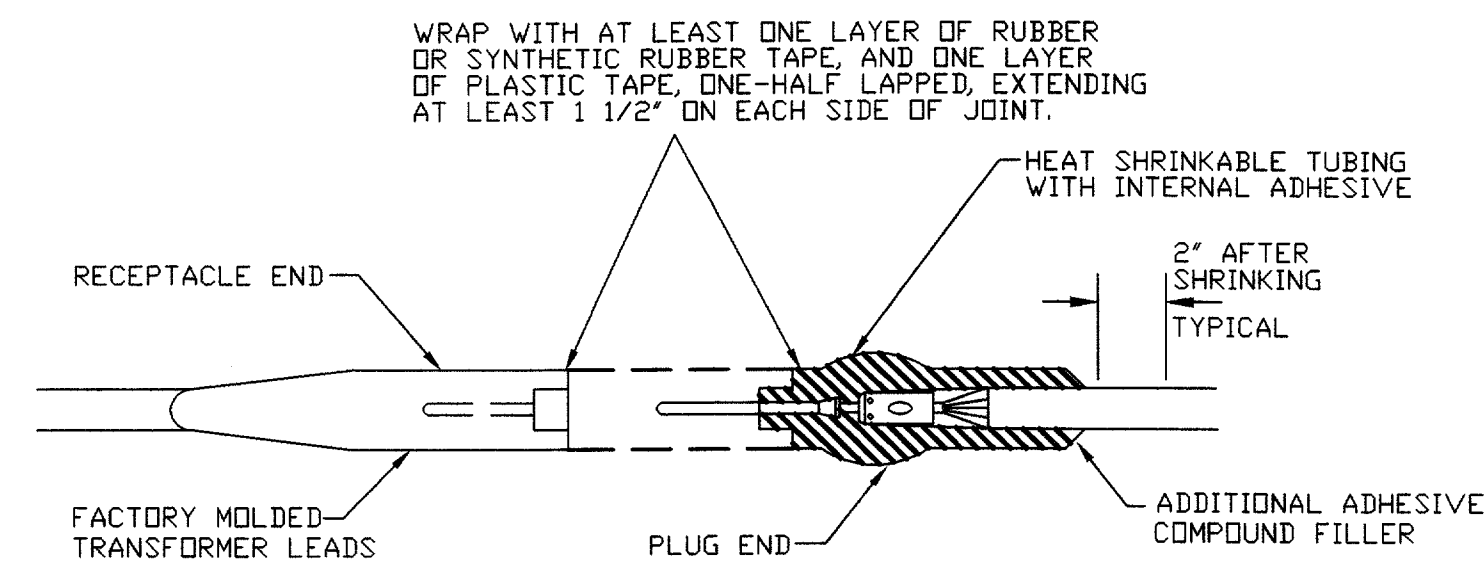


FIGURE 2
FOR SPLICES AT RUNWAY LIGHTS

CABLE SPLICES
NTS

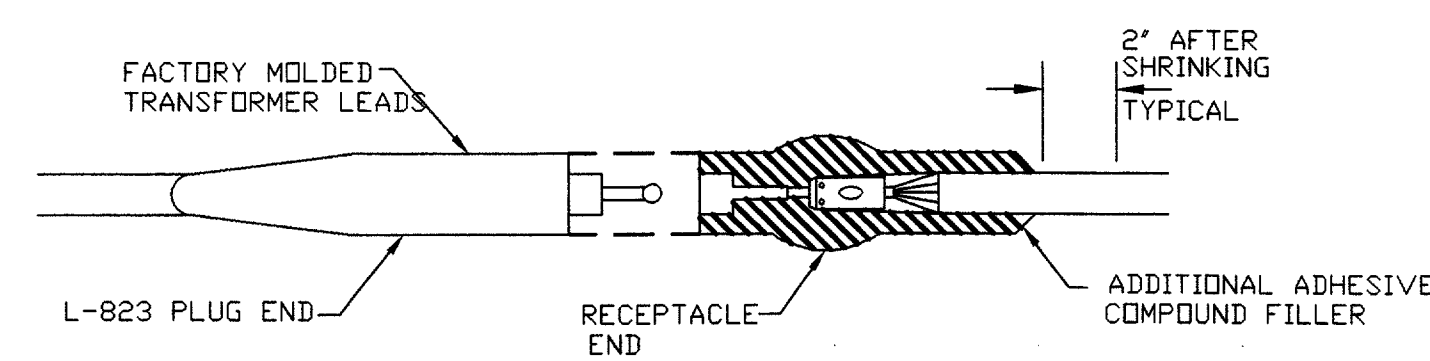


FIGURE 3
FACTORY GROUND LUG DETAIL
NTS

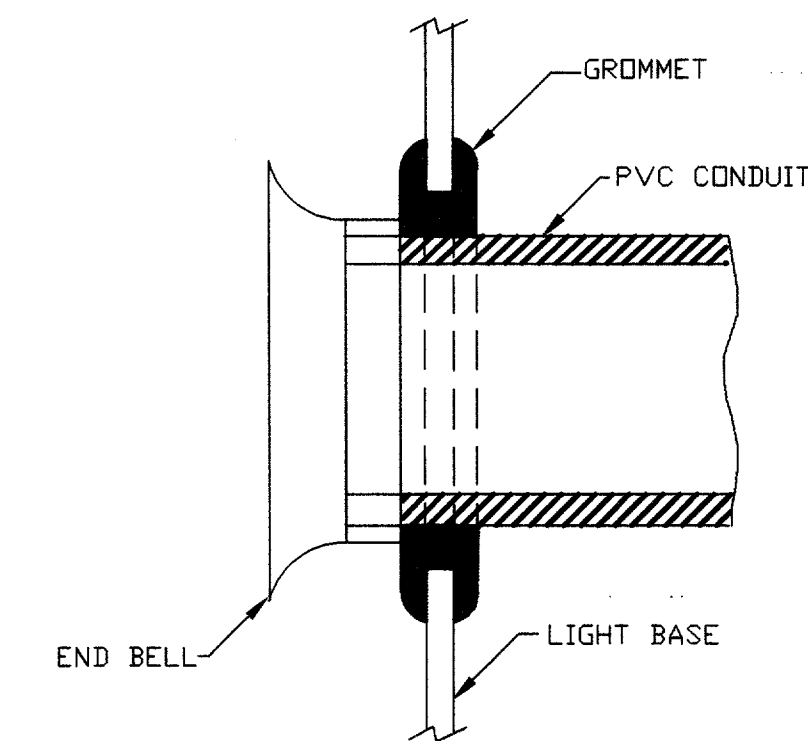


FIGURE 4
CONDUIT ENTRANCE TO BASE
NTS

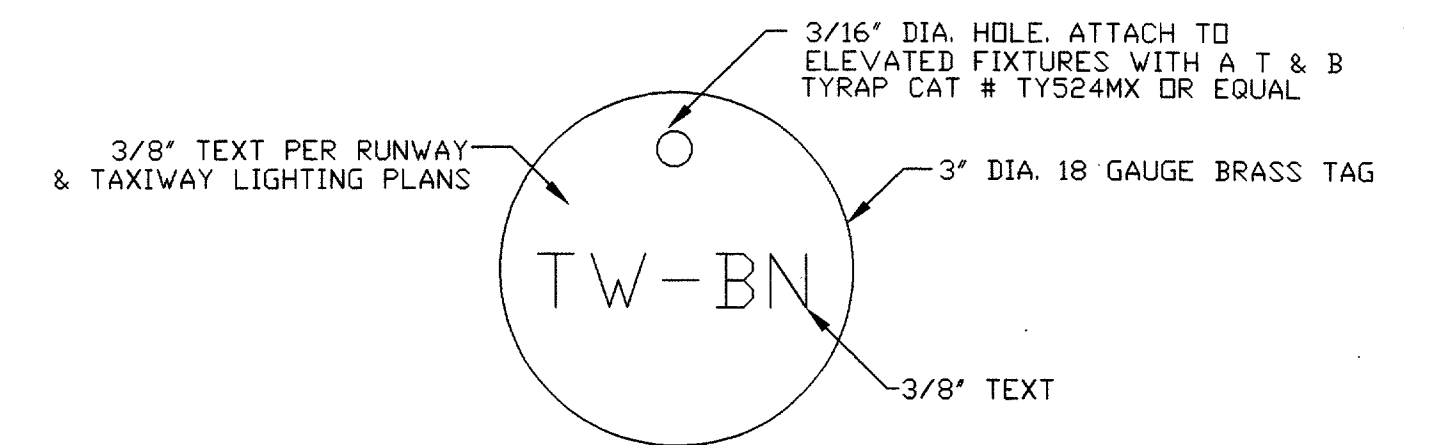
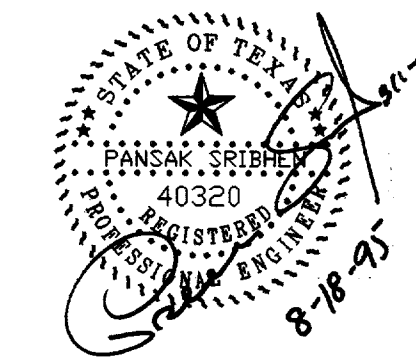


FIGURE 5
FIXTURE IDENTIFICATION TAG
NTS



AS BUILT
1-11-99

DESIGN: <u>R.W.G.</u>	TxDOT NO. <u>9842 ADDSN</u>		
DRAWN: <u>MIR</u>	DATE: <u>9-18-99</u>		
CHECKED: <u>P.S.A.</u>	BID NO.: <u>98-04</u>		
SCALE: <u>1"=50'</u>	JOB NO.: <u>Y8024.60</u>	Date	Revisions

Greiner, Inc.
Greiner, Inc.
Fort Worth, Texas

ASA
ENGINEERING
DALLAS, TEXAS 75287



ADDISON AIRPORT

TAXIWAY "B" LIGHTING
TAXIWAY EDGE LIGHTS & CABLE DETAIL

SHEET
36
DATE: AUG 1999