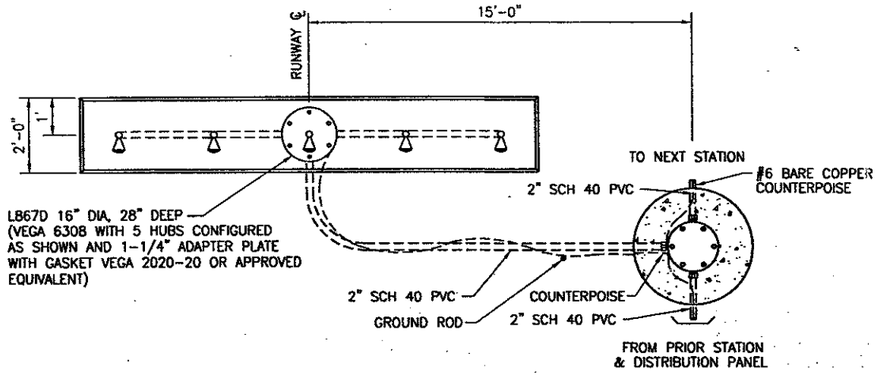
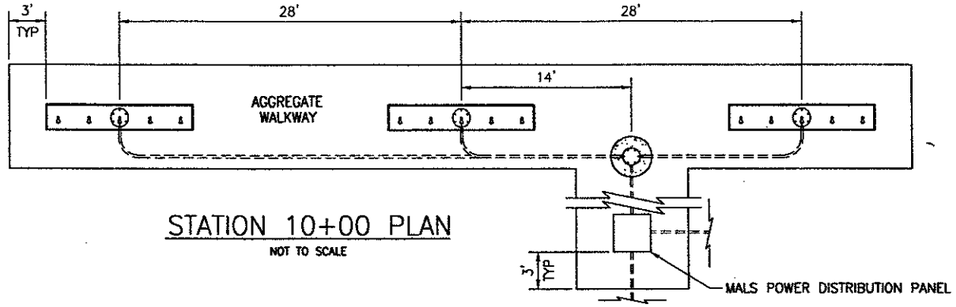


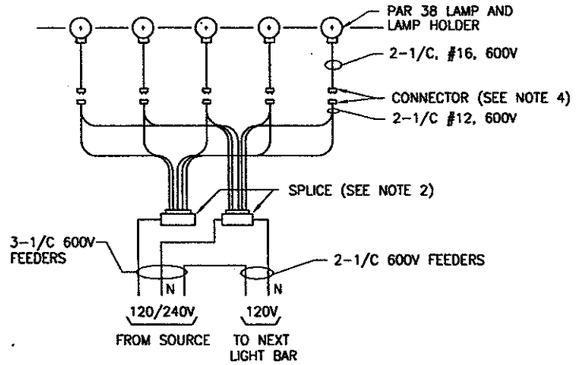

PLAN – EMT MALS STRUCTURE

NOT TO SCALE



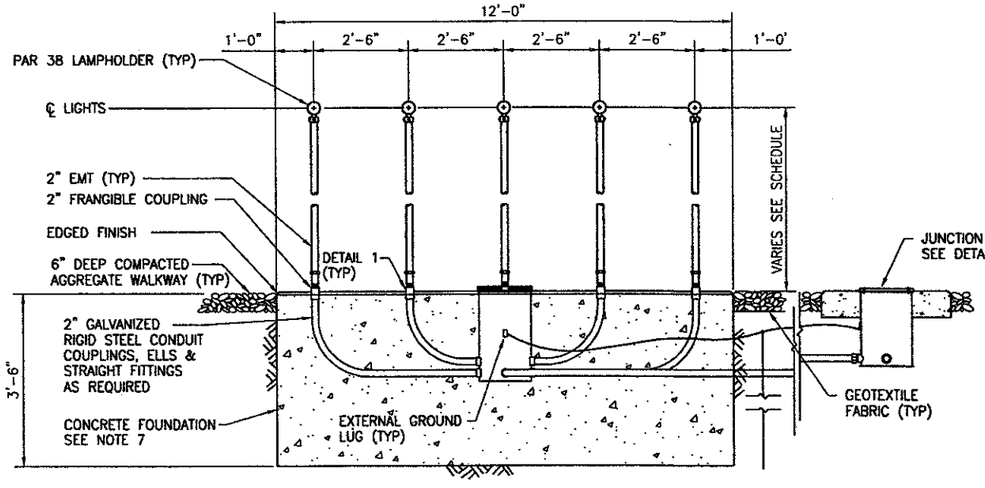

STATION 10+00 PLAN

NOT TO SCALE



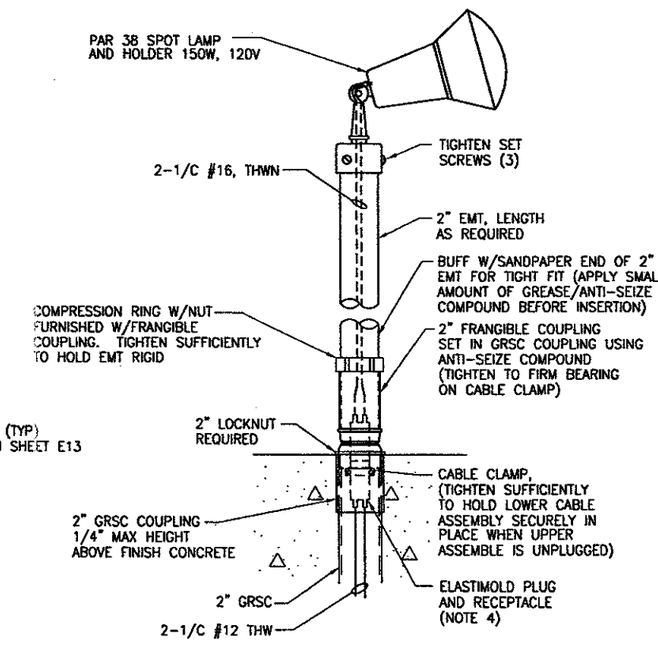

TYPICAL CONNECTIONS FOR FRANGIBLE LIGHT BAR

NOT TO SCALE



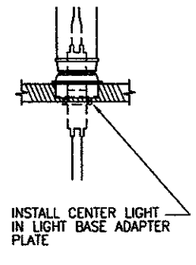

ELEVATION – EMT MALS STRUCTURE

NOT TO SCALE




DETAIL 1

NOT TO SCALE




NOTES:

1. POWER CABLES SHALL BE CONTINUOUS BETWEEN LIGHT STATIONS.
2. "TEE" SPLICES FOR SPLICING #12 WIRES OF LOWER CABLE CONDUCTORS TO POWER SERVICE CABLES SHALL BE JOINED WITH SOLDERLESS WIRE CONNECTORS AND SEALED WITH SELF SEALING HEAT SHRINKABLE TUBING. SPLICE SHALL BE WATERPROOF.
3. LEAVE 3 FEET SLACK IN EACH CABLE AT EACH LIGHT BAR JUNCTION CAN.
4. FIELD ATTACHED CONNECTOR, L-823 PLUG AND RECEPTACLE.
5. COUPLING THREADS TO BE CLEANED AND COATED WITH SILICONE ANTI-SEIZE COMPOUND.
6. GROUND ROD SHALL BE 3/4" X 10' COPPER CLAD STEEL WITH EXOTHERMIC WELDED CONNECTION.
7. CONCRETE – CONCRETE SHALL DEVELOP MIN. STRENGTH OF 3000 PSI IN 28 DAYS WITH MAX. SLUMP OF 3 INCHES AND MAX. AGGREGATE SIZE OF 3/4 INCH.
8. ALL MATERIALS ARE CONTRACTOR FURNISHED.

| BY | DATE | REVISIONS |
|---|---|---|
| AUTH. | | |

TxDOT NO. | BID NO. | URSG NO. E701044.00
DESIGN | DRAWN | CHECKED
SCALE:

PRELIMINARY
NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES. RELEASED FOR THE REVIEW ONLY.

AVIATION ALLIANCE, INC.
Ira E. Sims, P.E.
Texas No. 87xxx
Date: 2/9/01
APPROVED

ADDISON AIRPORT

URS Greiner Woodward Clyde
4100 Amon Carter Boulevard, Suite 108
Fort Worth, TX 76155
www.urscorp.com

AVIATION ALLIANCE, INC.
Consulting Engineers
817-624-1444

PROJECT NAME: RUNWAY 15 ESA GRADING

DRAWING TITLE: MALS STATION DETAILS (EMT)

DRAWING NO.: E8

DATE: 2/9/01