

16"(H) X 12"(W) X 8"(D)
STAINLESS STEEL NEMA 3R
TERMINAL CABINET PER
STANDARD SPEC. 9-29.25 FOR
ISOLATION SWITCH ENCLOSURE.
SEE DETAIL "A" FOR CABINET
MOUNTING ATTACHMENT DETAIL

TERMINATE EQUIPMENT GROUNDING
CONDUCTOR ON TERMINAL BLOCK

ROUTE SEPARATE IMSA 20-1 3C#14
CABLE FROM LOAD SIDE OF TERMINAL
STRIP TO EACH LIGHTING FIXTURE.
LABEL ALL CONDUCTORS WITH
SIGNLIGHT AND CIRCUIT NUMBER AT
ISOLATION SWITCH AND BALLAST
ENCLOSURE(S). LABEL SHALL
BE A PVC OR POLYOLEFIN WIRE
MARKING SLEEVE PER STANDARD
SPEC. 8-20.3(8).

EQUIPMENT GROUNDING CONDUCTOR,
SIZE PER NEC. MINIMUM SIZE #8

ADHERE A PHENOLIC TAG 6" ABOVE
HANDHOLE. TAG SHALL BE STAMPED
WITH POWER SUPPLY VOLTAGE AND
SERVICE SOURCE NUMBERS AND LETTERS.

AT 6"x4" DIA. HANDHOLE, TAP 1/2"
DIA. HOLE FOR 1/2" LONG STEEL BOLT
WITH WASHER AND NUT, FOR GROUND.

EXISTING
CONDUIT
TO
JUNCTION
BOX

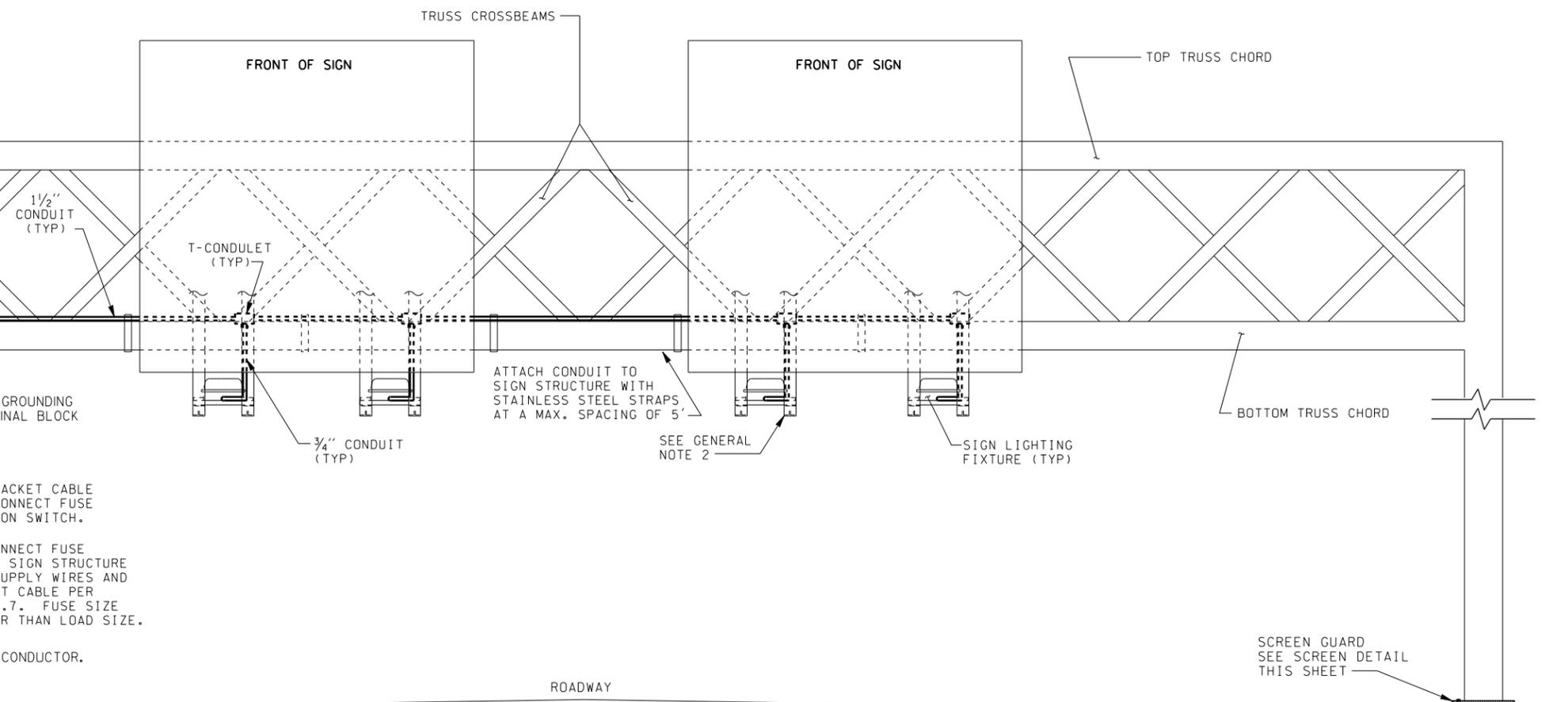
SEE DETAIL A

TERMINATE EQUIPMENT GROUNDING
CONDUCTOR(S) ON TERMINAL BLOCK

INSTALL POLE AND BRACKET CABLE
FROM THE QUICK DISCONNECT FUSE
KITS TO THE ISOLATION SWITCH.

INSTALL QUICK DISCONNECT FUSE
KITS AT THE BASE OF SIGN STRUCTURE
BETWEEN THE POWER SUPPLY WIRES AND
THE POLE AND BRACKET CABLE PER
STANDARD SPEC. 9-29.7. FUSE SIZE
SHALL BE 200% LARGER THAN LOAD SIZE.

EQUIPMENT GROUNDING CONDUCTOR,
SIZE PER NEC.
MINIMUM SIZE #8.



ATTACH CONDUIT TO
SIGN STRUCTURE WITH
STAINLESS STEEL STRAPS
AT A MAX. SPACING OF 5'

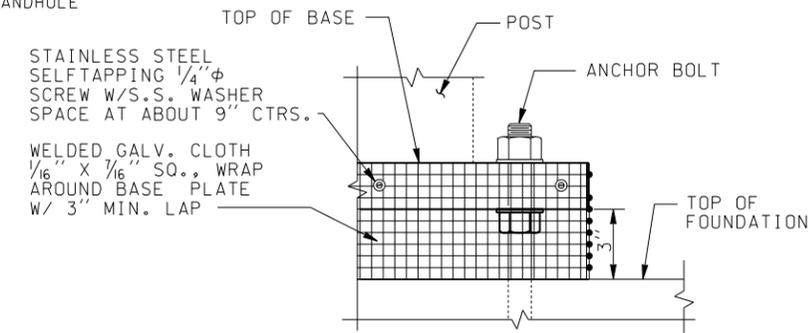
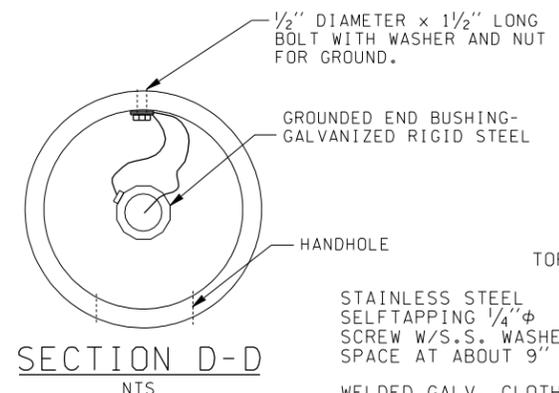
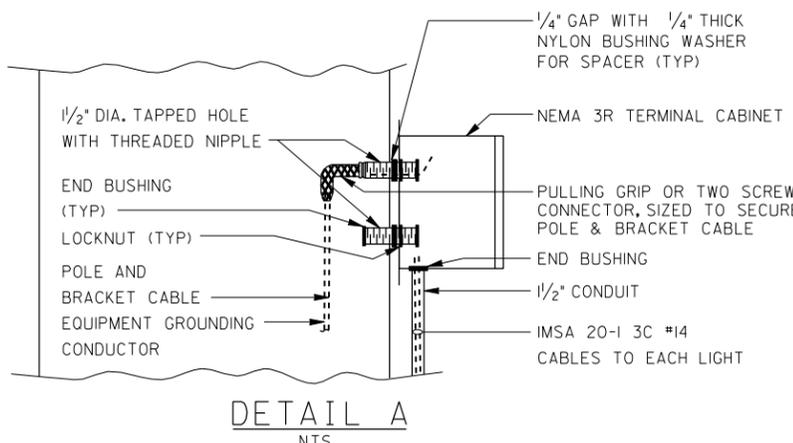
SEE GENERAL
NOTE 2

SCREEN GUARD
SEE SCREEN DETAIL
THIS SHEET

CONDUIT ROUTING DETAILS FOR TRUSS SIGN STRUCTURE

GENERAL NOTES

1. THE DETAILS SHOW TYPICAL WIRING INSTALLATION ON TRUSS SIGN STRUCTURE.
2. SEE ALSO "SIGNLIGHT MOUNTING DETAILS FOR TRUSS STRUCTURE" FOR CONDUIT, ROUTING, HARDWARE, AND LIGHTING FIXTURE DETAILS.
3. SEE PLAN SHEETS FOR ORIENTATION OF SIGN STRUCTURE.
4. REFER TO SIGN STRUCTURE SHEETS FOR CONSTRUCTION DETAILS.
5. SEE ELECTRICAL SHEETS FOR CONTINUATION OF POWER CIRCUIT.
6. ALL NUTS, BOLTS, WASHERS, AND OTHER HARDWARE SHALL BE STAINLESS STEEL.
7. ALL HOLES SHALL BE DRILLED AND TAPPED.
8. THE CONDUCTORS IN THE IMSA 20-1 3C #14 CABLE SHALL BE BLACK, RED AND WHITE. THE WHITE CONDUCTOR SHALL BE PERMANENTLY IDENTIFIED AS AN EQUIPMENT GROUNDING CONDUCTOR PER THE NEC.
9. TYPICAL VIEW SHOWN. VERIFY POWER SOURCE LOCATION. VERIFY QUANTITIES, LOCATION OF SIGNS AND SIGN STRUCTURE FIXTURE IN CONTRACT PLANS.



FILE NAME	S:\414126\Electrical\MASTER_FILES\DETAILS Homepage\signlighter_s_e.dgn			REGION NO.	STATE	FED. AID PROJ. NO.	PLOT 12
TIME	03:01:33 PM			10	WASH	4.02E	
DATE	04/07/2005			JOB NUMBER	CONTRACT NO.	LOCATION NO.	SHEET OF SHEETS
DESIGNED BY	ADDED SCREEN DETAIL, SECTION D-D, NOTE 8,			5-15-02	JH		
ENTERED BY	EQUIP. GRD. CONDUCTOR #8						
CHECKED BY	HANDHOLE/NEMA LOCATION			1-8-01	JH		
PROJ. ENGR.	SIGN MOVE TO FRONT OF TRUSS			12-12-00	JH		
REGIONAL ADM.	REVISION			DATE	BY		



ENGLISH
TRUSS SIGN STRUCTURE WIRING

SHEET 2 OF 2