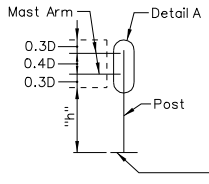
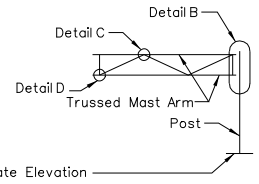
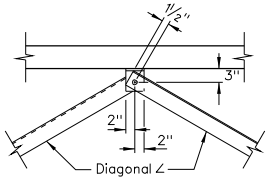


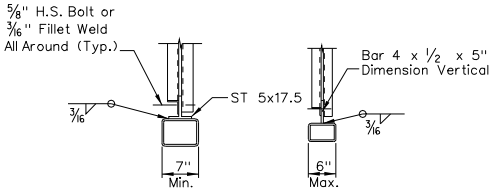
DOUBLE MAST ARM SERIES
TYPE C1



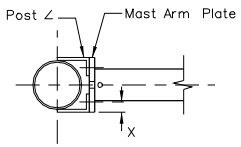
TRUSSED MAST ARM SERIES
TYPE C2



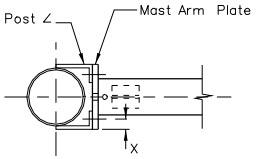
DETAIL C



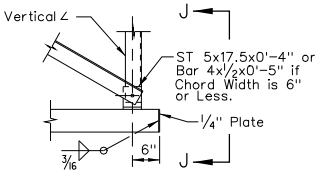
VIEW J-J



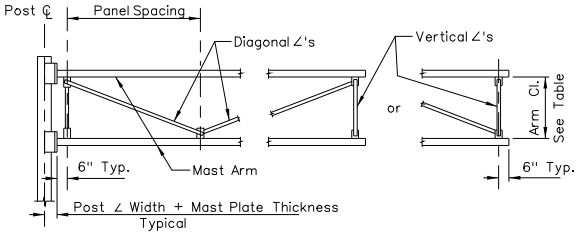
SECTION F-F



SECTION G-G



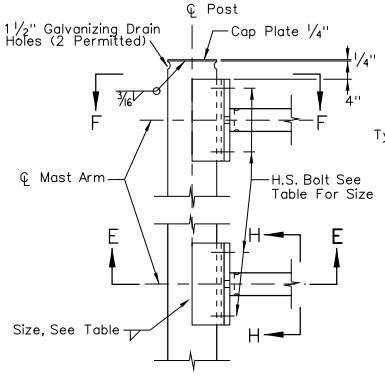
DETAIL D



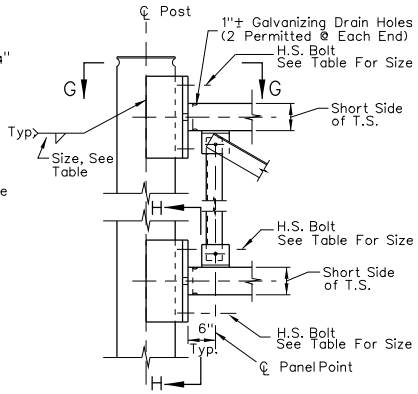
SIGN DEPTH INCHES	ARM CLEARANCE	MAX. PANEL SPACING	VERTICAL ANGLE	DIAGONAL ANGLE
D=40"-70"	2'	4'-4"	∠2X2X1/4	∠2X2X1/4
D=80"-100"	3'	6'-6"	∠3 1/2X2 1/2X1/4 ✳	∠3 1/2X2 1/2X1/4 ✳

✳ Short Leg Outstanding

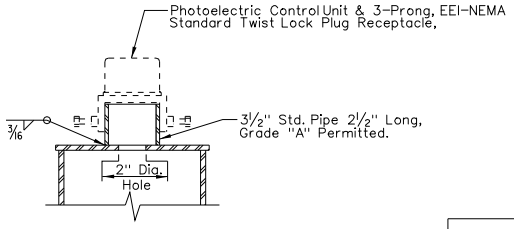
TRUSS FRAMING DATA



DETAIL A



DETAIL B



PHOTOELECTRIC CONTROL UNIT

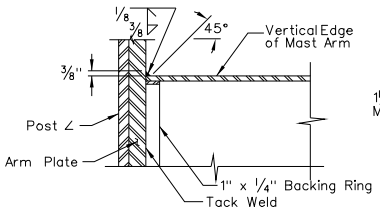
POST ANGLES

POST SIZE	ANGLE	X	WELD
6	∠5X3X1/2	1 3/4"	1/4
8	∠6X4X5/8	2 1/4"	1/4
10	∠7X4X5/8	2 1/4"	1/4
12	∠8X4X3/4	2 1/4"	5/16
14	∠8X4X3/4	2 1/4"	5/16

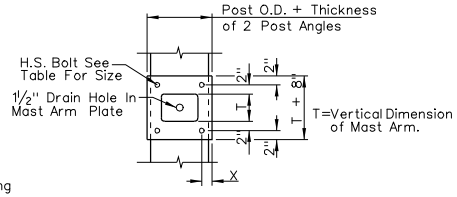
MAST ARM PLATE

TWO ARMS	TRUSSED ARMS	PLATE	H.S. BOLT
TS 3X3X8.80		3/4"	1/2"
TS 4X4X12.02		1"	5/8"
TS 5X5X15.42		1"	3/4"
TS 6X6X18.82		1"	3/4"
TS 7X7X22.04	TS 5X3X16.84	1 1/4"	3/4"
	TS 6X4X21.94	1 1/4"	7/8"
	TS 7X5X27.04	1 1/4"	7/8"
	TS 8X6X31.73	1 1/4"	7/8"
	TS 10X6X36.83	1 1/4"	1"

POST TO ARM FRAMING DATA



SECTION E-E



SECTION H-H
Bottom Connection Shown, Top Similar

NOTES:

1. FOR POST CONNECTION TO BASE PLATE SEE T-36.1.16.
2. FOR MAST ARM LENGTH AND MAST ARM TO SIGN PANEL CONNECTIONS SEE T-36.1.14.

FOR GENERAL NOTES SEE T-36.1.16

NEVADA DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS
LIGHTWEIGHT
TYPE C
CONNECTION DETAILS

Signed Original On File	T-36.1.13	(627)
CHIEF SAFETY/TRAFFIC ENGR.	ADOPTED 11/95	REVISION 9/97