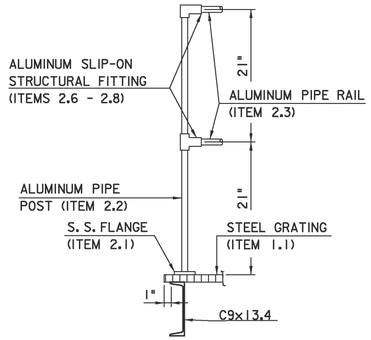
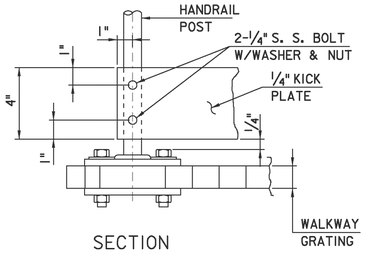
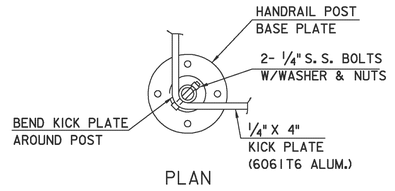
| BILL OF MATERIALS FOR VMS/VSLS EQUIPMENT PLATFORM | | | |
|---|---|---|---|
| SUBASSEMBLY | ITEM NO. | ITEM DESCRIPTION | SOURCING INFORMATION |
| 1.0 PLATFORM GRATING | | | |
| | 1.1 | STEEL GRATING (GALVANIZED) | MCNICHOLS GW-150 SERRATED |
| | 1.2 | NUT INSERTS | MCMASTER CARR - 98005A180 |
| | 1.3 | SADDLE CLIPS | MCNICHOLS TYPE CB, STAINLESS STEEL |
| | 1.4 | BOLTS | MCMASTER CARR - 92196A632 |
| 2.0 HAND RAILING | | | |
| | 2.1 | STAINLESS STEEL THREADED FLANGE | MCMASTER-CARR - 44695K14 |
| | 2.2 | ALUMINUM THREADED PIPE POST | MCMASTER-CARR - 5038K137 |
| | 2.3 | ALUMINUM PIPE RAIL | MCMASTER-CARR - 5038K22 |
| | 2.4 | RAILING PIPE TEE (TOP RAIL) | MCMASTER-CARR - 4698T16 |
| | 2.5 | RAILING PIPE ELBOW (TOP RAIL) | MCMASTER-CARR - 4698T33 |
| | 2.6 | RAILING PIPE 3-OUTLET ELBOW (TOP RAIL) | MCMASTER-CARR - 4698T113 |
| | 2.7 | RAILING PIPE ELBOW WITH THRU-HOLE (MID RAIL) | MCMASTER-CARR - 4698T38 |
| | 2.8 | RAILING PIPE 2-PIECE ELBOW W/ THRU HOLE | MCMASTER-CARR - 4698T75 |




HAND RAIL DETAIL
N.T.S.

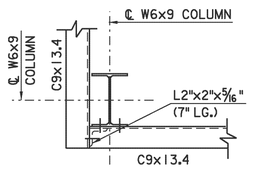



SECTION

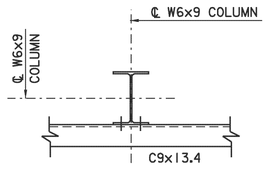



PLAN

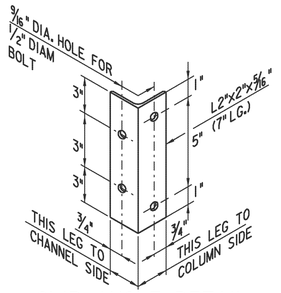
KICK PLATE DETAIL
(SHOWN AT CORNER POST, MID AND END SIMILAR)
N.T.S.



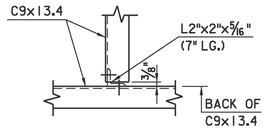

PLAN



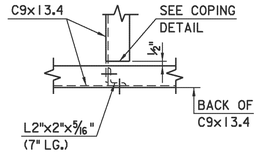

PLAN



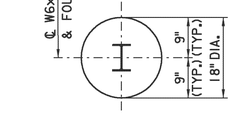

CLIP ANGLE DETAIL
N.T.S.



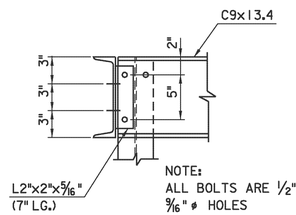

PLAN TYPE 1




PLAN TYPE 2

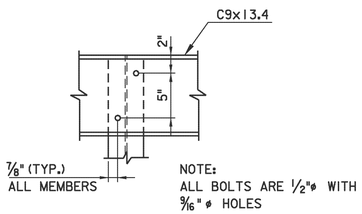



PLAN



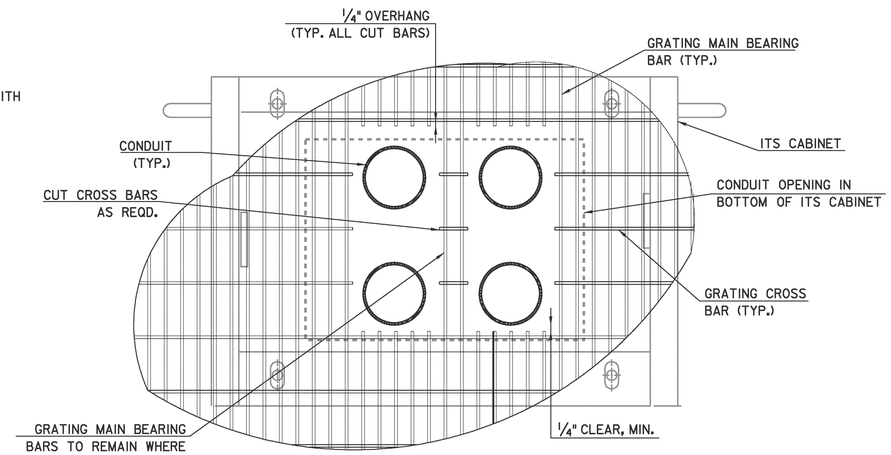

ELEVATION

TYPICAL CORNER COLUMN TO CHANNEL CONNECTION
SCALE: 1 1/2" = 1'-0"

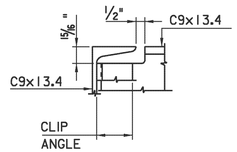



ELEVATION

TYPICAL COLUMN TO CHANNEL CONNECTION
SCALE: 1 1/2" = 1'-0"

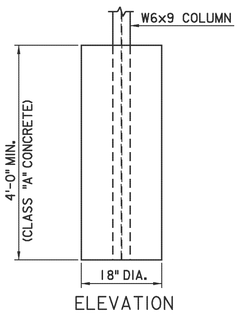



CONDUIT OPENING IN GRATING DETAIL
SCALE: 1 1/2" = 1'-0"
(WORK THIS DETAIL WITH STANDARD DRAWING ITS-13)




COPING DETAIL
N.T.S.

CHANNEL TO CHANNEL CONNECTION
SCALE: 1 1/2" = 1'-0"




ELEVATION

COLUMN FOUNDATION DETAIL
N.T.S.

| | BY | DATE |
|---|---|---|
| MADE | EMG | 08/2010 |
| TRACED | EG | 08/2010 |
| CHECKED | GH | 08/2010 |
| SUPERVISED | RJS | 08/2010 |

0 1/2 1 2 3 4
ORIGINAL SIZE IN INCHES

| APP. | NO. | DATE | REVISION |
|---|---|---|---|
| | 0 | 08/2010 | ORIGINAL DRAWING |

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE
ITS EQUIPMENT PLATFORM
TYPE 4 DETAILS – 2


HNTB 145 RT. 46 WEST, SUITE 400, WAYNE, NJ 07470 – COA# 24GA28000700
ANTHONY L. BARTELLO
New Jersey Professional Engineer License No. GE 45842


STANDARD DRAWING
ITS-15

CONTRACT NO.
SHEET NO. OF

DATE: 20-SEP-2010
USER: emgrill
FILE: \\fiw00\cadd\42284_Standard_Drawings_2009\NJTA-SD ITS-15.dgn