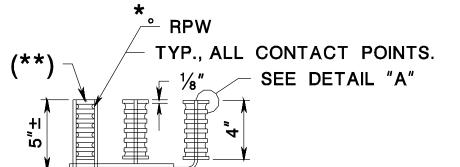


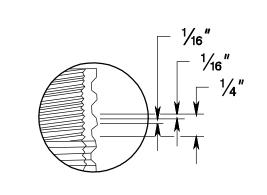
NOTES:

SPOT WELD (TYP.) (**) THREADED STEEL INSERT WITH SOLID BOTTOM TAPPED TO A 11/8" MIN. O.D.

0.375" DIA. RODS **PLAN**



ELEVATION



WIRE DIAMETERS, MATERIALS REQUIREMENTS, FERRULE MATERIALS REQUIREMENTS AND EXTERNAL DIAMETERS MAY BE ALTERED PROVIDED MANUFACTURER DEMONSTRATES REVISED DESIGN IS EQUIVALENT TO THE DESIGN SHOWN IN THIS STANDARD

OF ASTM B272 TYPE A PLAIN WASHERS, BOTH SHALL BE

GALVANIZED IN ACCORDANCE WITH ASTM A153.

* EACH WELDED ATTACHMENT OF WIRE TO FERRULE SHALL

GALVANIZED H.S. HEX BOLT & A $^{15}/_{16}$ " I.D., $2\frac{1}{4}$ " O.D., $^{5}/_{32}$ "

MINIMUM THREADED DEPTH OF $2\frac{1}{2}$ " FOR USE WITH $\frac{7}{8}$ " - 9 x $2\frac{1}{2}$ "

FOUR (4) BOLTS AND FOUR (4) WASHERS TO BE PROVIDED WITH

TO THE REQUIREMENT OF ASTM A510, GRADE 1030 AND HAVE A

FERRULES SHALL BE MADE OF STEEL MEETING THE REQUIREMENTS

OF ASTM A108, GRADE 12L14. INSERTS SHALL BE TAPPED TO THE

DIMENSIONAL REQUIREMENTS SPECIFIED IN ASTM A563 FOR NUTS

BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A325 OR

A449 AND SHALL BE THREADED FULL LENGTH. WASHERS SHALL BE

MADE OF STEEL AND SHALL MEET THE DIMENSIONAL REQUIREMENTS

WIRES SHOWN ARE MINIMUM ALLOWABLE SIZE AND SHALL CONFORM

DEVELOP THE TENSILE STRENGTH OF THE WIRE.

MINIMUM TENSILE STRENGTH OF 100.000 P.S.I..

THICK, TYPE A, PLAIN WASHER.

RECEIVING GALVANIZED BOLTS.

EACH ASSEMBLY

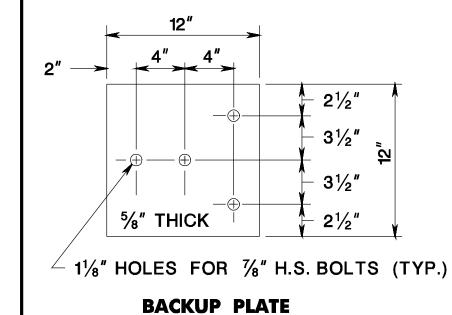
DIMENSIONAL TOLERANCE NOT SHOWN OR IMPLIED ARE INTENDED TO BE THOSE CONSISTENT WITH THE PROPER FUNCTIONING OF THE PART, INCLUDING ITS APPEARANCE, AND ACCEPTED MANUFACTURING PRACTICE.

DETAIL "A"

SEE CD-609-12.1 FOR

TERMINAL ANCHORAGE

NEUTRAL AXIS CROSS SECTION IS TO NEST WITH W BEAM GUIDE RAIL



3" 41/4" 41/4" 4" 4" OPTIONAL 3/4" x 21/2" - 3½" ⊢ 3½″ ^{*}₹ | 1" DIA. HOLES FOR 1/8" ²⁹/₃₂" x 1¹/₈" SPLICE DIA. H.S. BOLTS (TYP.) BOLT SLOTS (TYP.)

1'-103/4"

(AASHTO M180, CLASS B, TYPE 1) TERMINAL CONNECTOR

W BEAM TERMINAL CONNECTOR

POST BOLT SLOT

CD-609-12.2

THRIE BEAM AND W BEAM TERMINAL CONNECTOR

N.T.S.

CD-609-12

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

69 146

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