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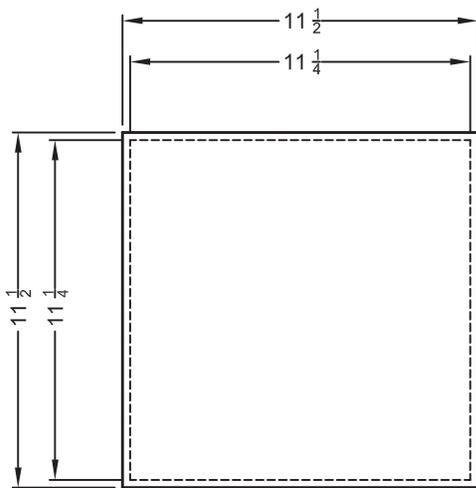
CK'D BY GL OK'D BY JS

December 9, 2014

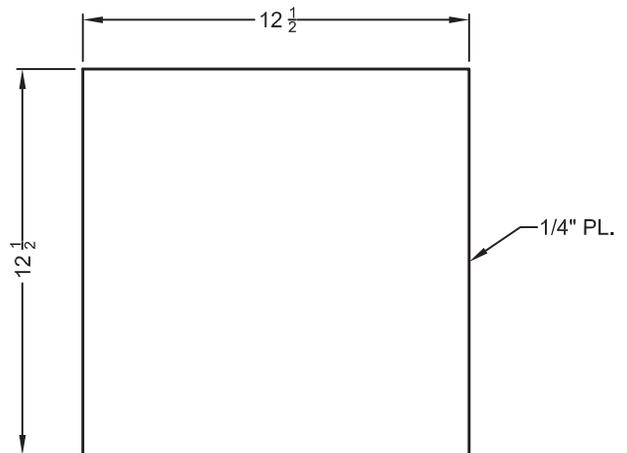
RESUBMIT YES Rejected

BY RY DATE 12-24-2014

REVISIONS					
ZONE	REV	DESCRIPTION	REVISED BY	DATE	APPROVED

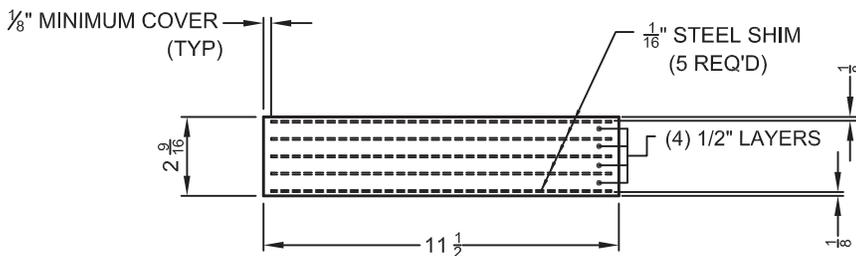


PLAN VIEW



**SHIMS
PLAN VIEW**

QTY. REQ'D. = 12
A36 GALVANIZED



ELEVATION VIEW

QTY. REQ'D. = 12

PER THE CONTRACT DOCUMENTS THE ELASTOMERIC REINFORCING PLATES SHALL CONFORM TO 714.02 OF THE 2011 STANDARD SPECIFICATION FOR CONSTRUCTION. THIS ONLY APPLIES FOR PLATE STEEL. THE ELASTOMERIC REINFORCING FALLS UNDER THE CATEGORY OF SHEET STEEL IN ASTM 1011 AS DESIGNATED BELOW.

714.02 STRUCTURAL STEEL: STRUCTURAL CARBON STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 270/M 270, GRADE 250 (GRADE36)

ADD NOTE FROM SHEET 18 OF THE CONTRACT PLANS. ALL BEARINGS SHALL CONFORM TO APPLICABLE SUBSECTIONS OF SECTION 531 AND 731 OF THE VTAOT STANDARD SPECIFICATIONS

PROVIDE BONDING PROCEDURE PER STANDARD SPECIFICATION 531.03

ELASTOMER: 50 DUROMETER GRADE 4 NATURAL RUBBER WITH A SHEAR MODULUS OF 100 PSI +/- 15%

NOTES:

- MANUFACTURING FACILITY LOCATION:
AMSCOT STRUCTURAL PRODUCTS CORP.
241 E. BLACKWELL STREET
DOVER, N.J. 07801
CONTACT- PETER SOMOGYI
PH: 973-989-8800
FAX: 973-989-5651
- ALL BEARING PADS TO BE MANUFACTURED IN ACCORDANCE WITH AASHTO SECTION 18. THE ELASTOMER SHALL BE GRADE 3 NATURAL RUBBER WITH A DUROMETER HARDNESS OF 50 ± 5. THE STEEL REINFORCING PLATES SHALL CONFORM TO ASTM A36.
- THE BEARINGS ARE DESIGNED SO THE SUPERSTRUCTURE MAY BE ERECTED WHEN THE AMBIENT AIR TEMPERATURE IS WITHIN THE RANGE OF 40° F. TO 80° F.
- ALL STEEL TO BE FACTORY VULCANIZED TO THE ELASTOMER DURING THE PRIMARY MOLDING PROCESS.
- ALL INTERNAL SHIM MATERIAL SHALL BE ASTM A1011 GR. 36.
- ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.
- TOLERANCES: THICKNESS -0 +1/8
PLAN -0 +1/8

A1011 IS DEFINED AS SHEET STEEL, NOT PLATE STEEL

TOLERANCES SPECIFIED IN TABLE 2 OF AASHTO M251

TOWN HIGHWAY 46 BRIDGE #28
TOWN OF CAMBRIDGE
COUNTY OF LAMOILLE VERMONT

PROJECT NO. : BRO 1448 (39)

CONTRACT NO. :

PIN NO. :

**STEEL REINFORCED ELASTOMERIC
BEARING PAD DETAILS**

AMSCOT

STRUCTURAL PRODUCTS CORP.

SCALE: N.T.S.

APPR'VD:

DRAWN BY: E.J.G.

DATE: 10/23/13

BF

REVISION: 0

FOR: BLOW & COTE

DWG NO: BC14B1R0

SHEET 1 OF 1