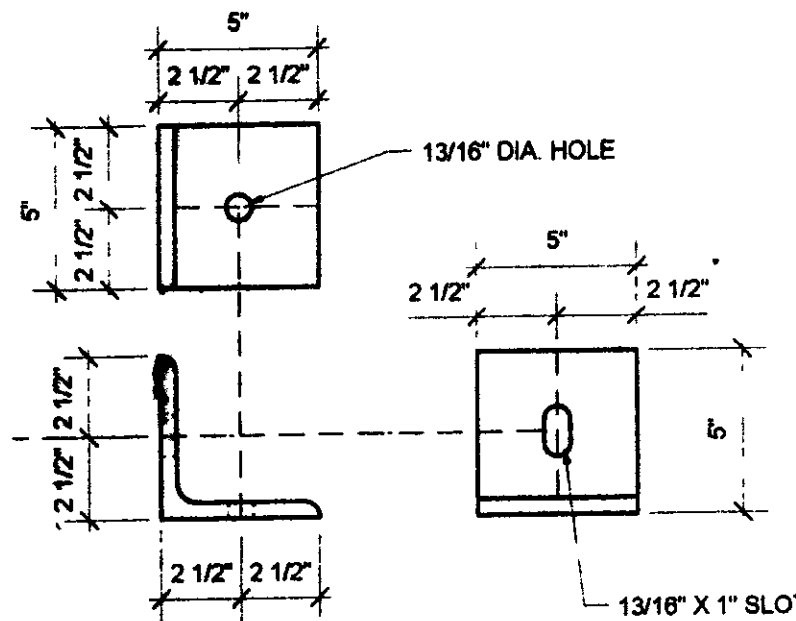
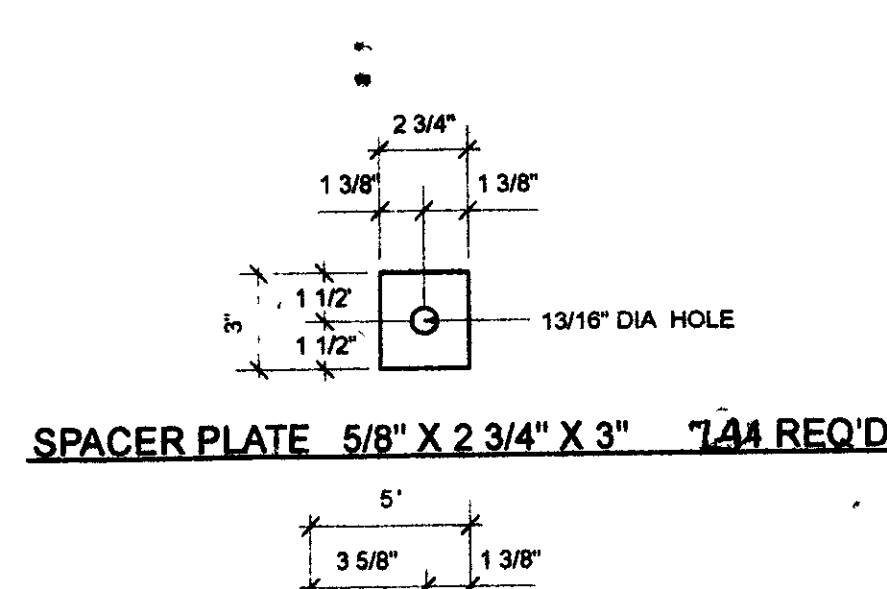


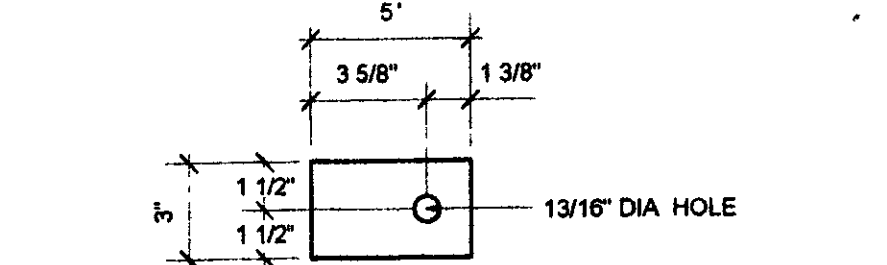
BEARING ANGLES 5" X 5" X 1/2" 3" LG 48 REQ'D



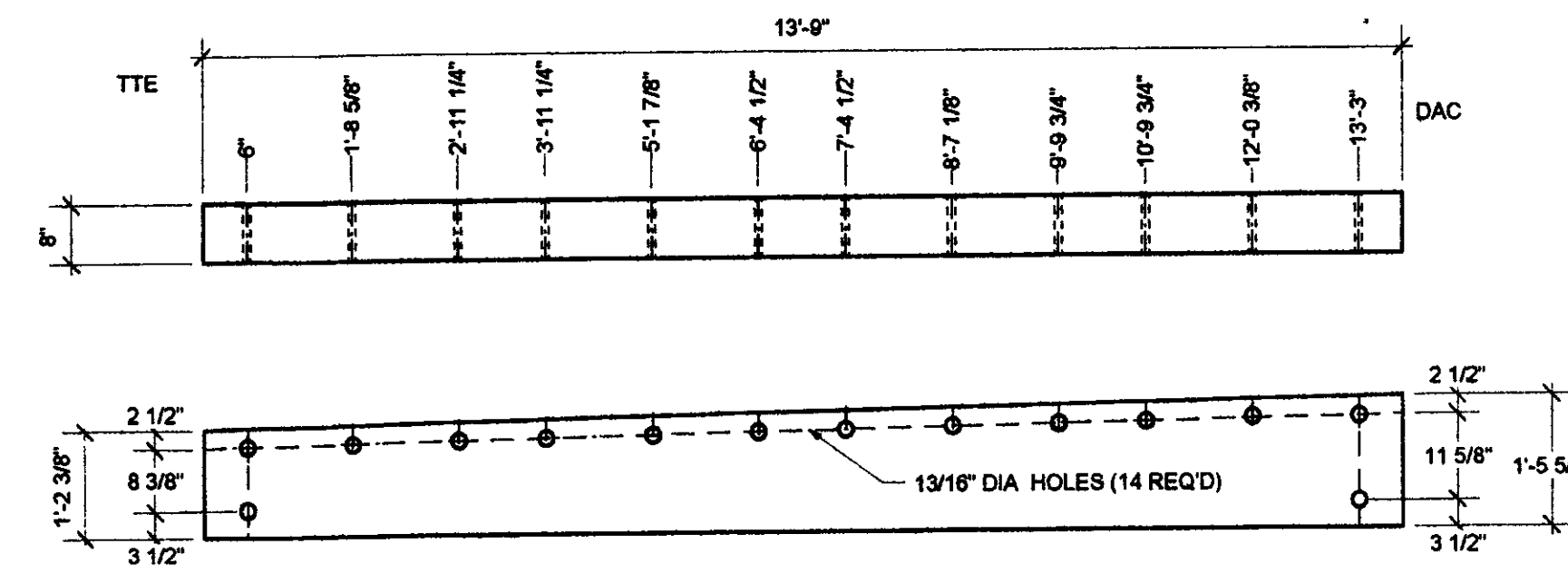
BEARING ANGLES 5" X 5" X 1/2" 5" LG 24 REQ'D



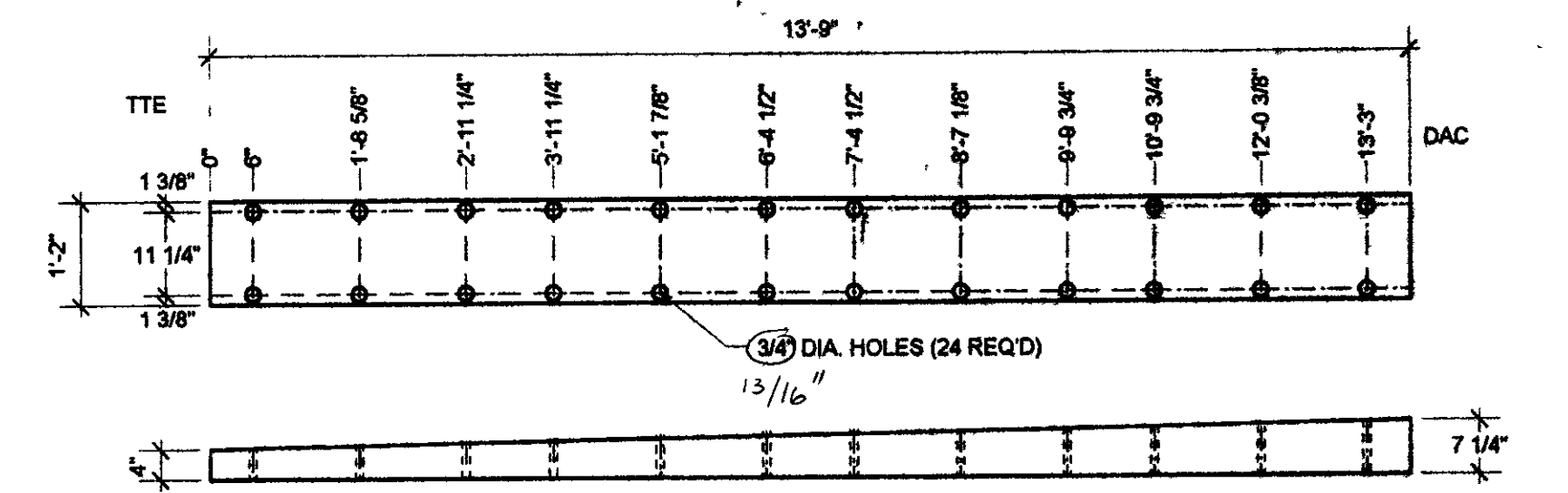
SPACER PLATE 5/8" X 2 3/4" X 3" 144 REQ'D



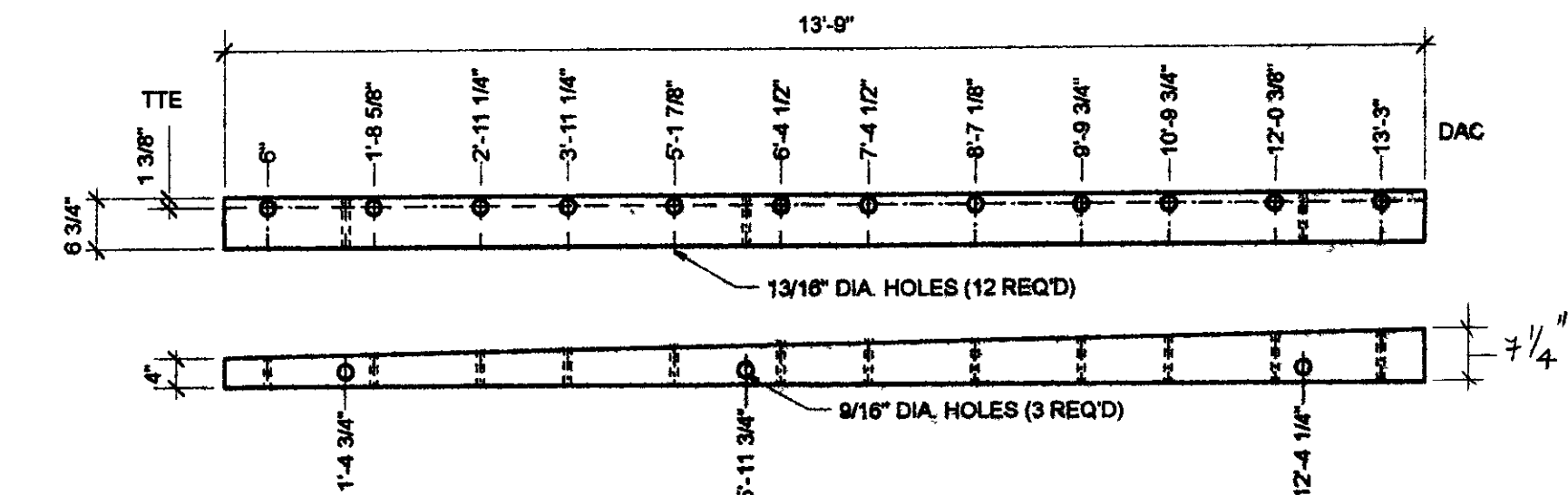
CLIP PLATE 3/8" X 5" X 3" 144 REQ'D



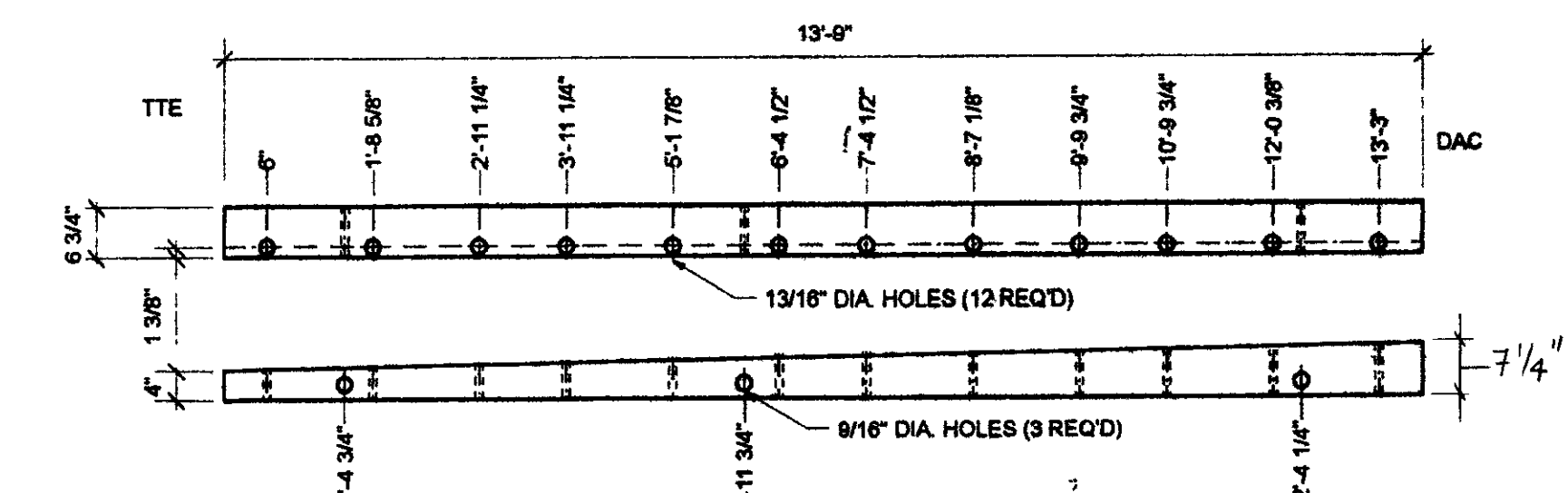
MK-C1 8" X 17 5/8" X 13'-9" 2 REQ'D COMB. 48 APPROX. WT. = 600#



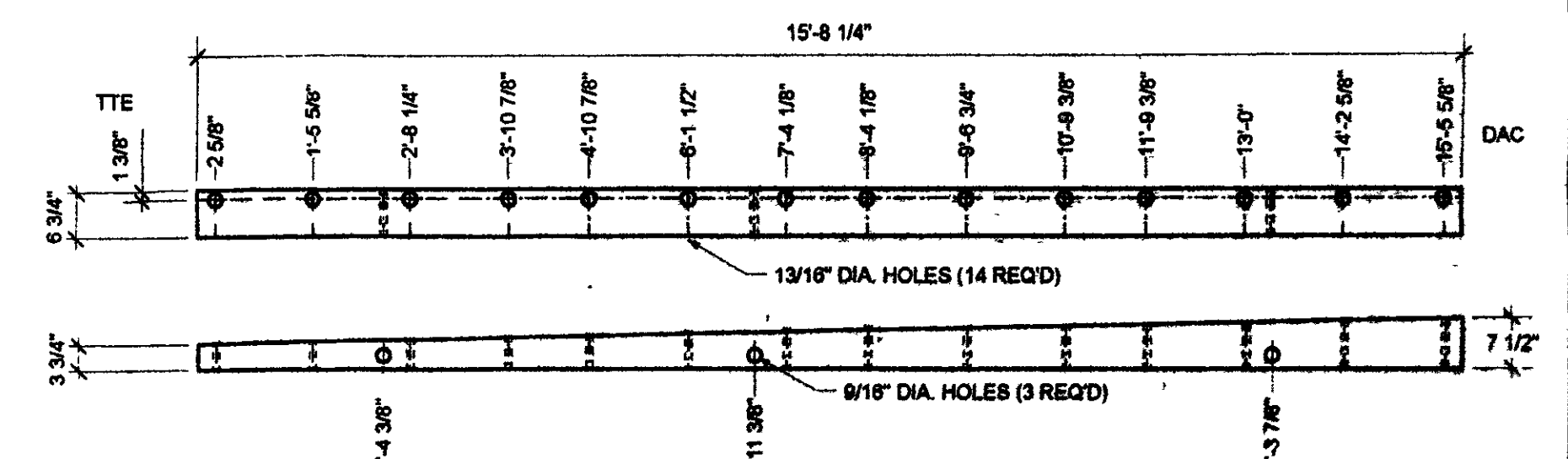
MK-SL1 7 1/4" X 14" X 13'-9" 18 REQ'D COMB. 48 APPROX. WT. = 430#



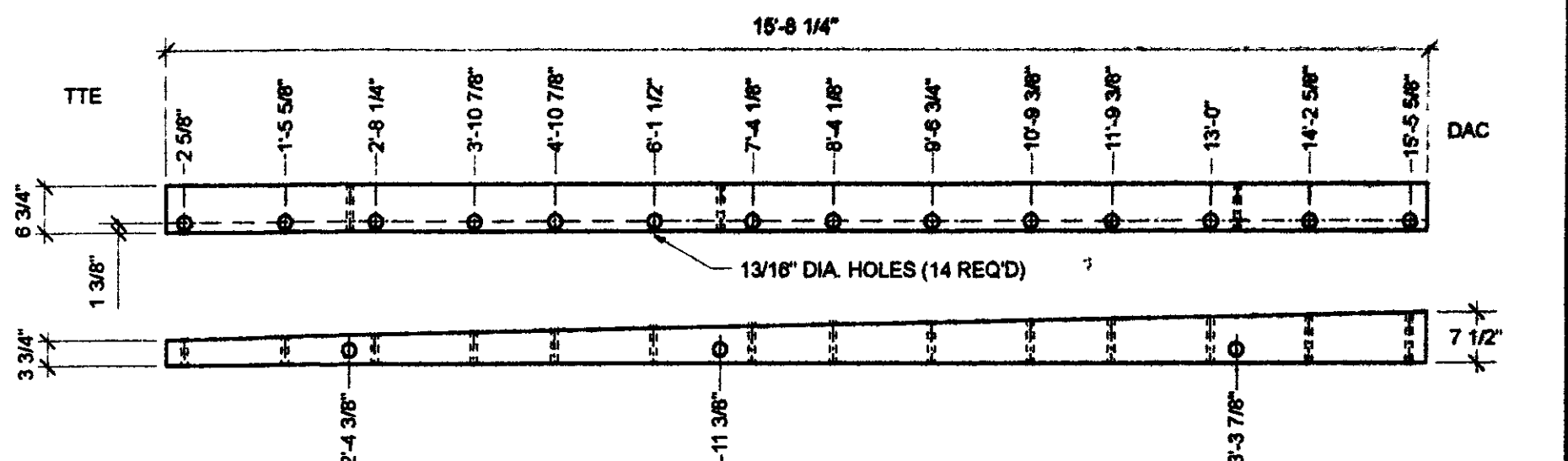
MK-SL2 7 1/4" X 6 3/4" X 13'-9" 11 REQ'D COMB. 48 APPROX. WT. = 210#



MK-SL3 7 1/4" X 6 3/4" X 13'-9" 11 REQ'D COMB. 48 APPROX. WT. = 210#



MK-SL4 7 1/2" X 6 3/4" X 15'-8 1/4" 2 REQ'D COMB. 48 APPROX. WT. = 250#



MK-SL5 7 1/2" X 6 3/4" X 15'-8 1/4" 2 REQ'D COMB. 48 APPROX. WT. = 250#

SCOPE

This standard is intended to augment, or support, design requirements that may be issued by the owner

2. DEFINITIONS AND ABBREVIATIONS

AITC American Institute of Timber Construction, APA/EWS American Wood Systems members, a related Corp. of the American Plywood Association, AWPA American Wood Preservers Association, NDS National Design Specifications TTE tag this end UNO unless noted otherwise DAC Dimensions are cumulative NIG not in contract

3. CODES AND STANDARDS

In addition to complying with all pertinent codes and regulations, materials shall comply with the following

- 3.1 American Association of State Highway and Transportation Officials (AASHTO)
- 3.2 American National Standard for Wood Products-Structural Glued Laminated Timber ANSI A190 1 Latest Edition
- 3.3 Proof-loading system for laminated finger joints to be in accordance with ANSI A190 1

4. CERTIFICATIONS

- 4.1 Certifications required by the laminator
 - 4.1.1 The AITC or APA/EWS Certificate of Conformance with ANSI A190 1 Latest Edition
 - 4.2 Preservative treatment certification required (if applicable)
 - 4.2.1 Certificate of treatment furnished by a certified AWPA treating facility

5. STRUCTURAL DESIGN

The structure shall be designed to carry the following loads

- 5.1 Dead Load
- 5.2 Live Load H-10 or Pedestrian load (85 psf)

6. MATERIALS

- 6.1 Lumber-intended for structural use with design stress shall be graded in conformance with accepted standards for allowable unit stresses Select Structural for timber plank. (See AASHTO Section 13)
- 6.2 Grade-Industrial Appearance Grade as per AITC 110
- 6.3 All lumber to be incised Southern Yellow Pine Glulam as per AITC 117-04
- 6.4 Adhesive all members bonded with exterior "wet-use" conforming to ASTM D 2559

7. PRESERVATIVE TREATMENT

- 7.1 All GLU-lam material to be treated with the preservative ACQ-C conforming to AWPA Use Standard s U1-07 Retention level shall be 0.40 PCF

8. HARDWARE

- 8.1 All bolts and nuts shall galvanized (A-153) steel ASTM A307, unless noted otherwise,
- 8.2 All steel shapes and plates shall galvanized (A-123) steel ASTM A36, unless noted otherwise,

9. MISC

- 9.1 LCI is not responsible for materials or manufacturing not shown on these drawings
- 9.2 Contractor is responsible for verification of all sizes, quantities and dimensions shown on shop drawings

RECEIVED

CK'D BY HKB OK'D BY

JUL 31 2008

RESUBMIT APPROVED

BY RGS DATE 8/6/08

CONTRACTOR:
PLEASE REVISE ANCHOR BOLT SPACINGS
ACCORDINGLY



P.O. BOX 389
3310 STATE RTE 352
BIG FLATS, NEW YORK 14814
PHONE 807 562 8110
FAX 807 562 8105

DRAWN	DATE	REVISIONS			
		NO	DATE	BY	REVISIONS
MSS	6/4/08				
CHKD	DATE	1	7/22/08	as	revise panels
APPD	DATE				
SCALE					

PROJECT NAME	STP ST MHTB(I) BRIDGE NO 18 TOWN OF SWANTON COUNTY OF FRANKLIN, VERMONT	PROJECT JOB NO.	1008-460-LT
PREPARED FOR	CCS CONSTRUCTORS, LLC MORRISVILLE, VT	SHEET NO.	2 OF 3