



PARIC CORPORATION
77 Westport Plaza Suite 250
St. Louis, MO 63146
TEL: 636-561-9500
FAX: 636-561-9501

REQUEST FOR INFORMATION DATE: July 22, 2016 NO.: RFI-213

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Joe Voypick

Project Name: 15051-Webster University Interdisciplinary Science Building Project No.: 15051

Subject: Roof Deck Edge Verification

Response Required By: July 29, 2016

Drawing / Spec Reference:

Information Requested:

Please review the attached Vulcraft deck drawing and verify the deck edges shown approximately 5'-8 7/8" east of line 7 from approximately line B to line C.3.

- Per S0107, there is a line of W16x36's in this location supporting the screen-wall posts (9/S0304 sim.).
- Vulcraft's D7 drawing shows the deck stopping 3" west and 5" east of the centerlines of these W16x36's (if so, how are these deck edges supported?).
- Section 7/A0456 (from A0110.A) shows insulation going down to the top of steel, with the deck edges clinging to the beams?
- Section 10/A0471 (from 5/A0404, from 4/A0313, from A0110.A) shows both deck edges bearing on the top of steel at the centerline of the beams (¿ Atlas' believes this would be correct).

Response:

**SEE ATTACHED FOR ROOF EDGE LOCATIONS AND MODIFIED
DETAILS FOR MECH AREA PERIMETER.**

ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction

Answered By: JILL WALKER / DMA

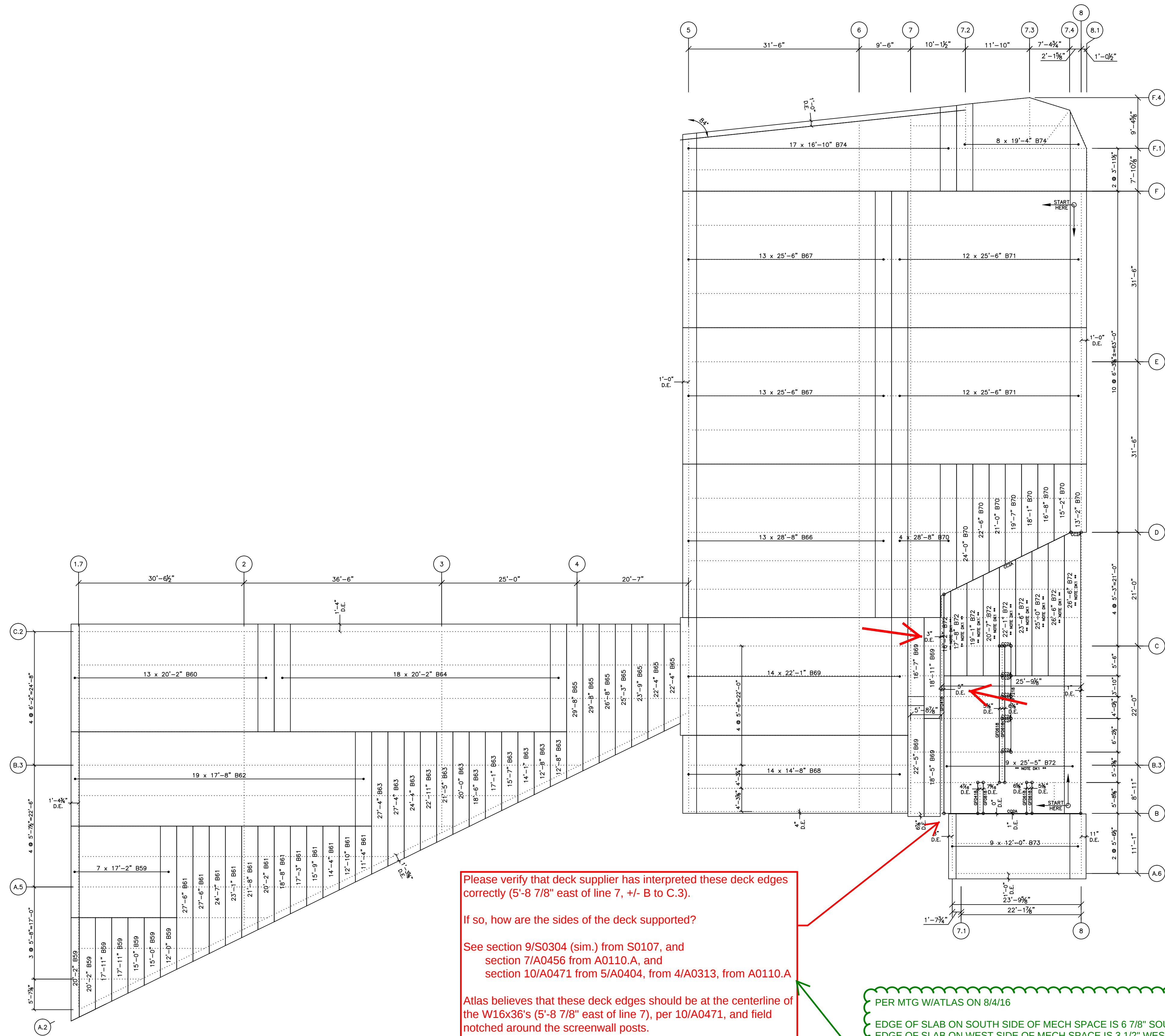
Date: 8/10/2016



Manager][Architect] of a change through the change process.

Answered By: _____

Date: _____



Please verify that deck supplier has interpreted these deck edges correctly (5'-8 7/8" east of line 7, +/- B to C.3).

If so, how are the sides of the deck supported?

See section 9/S0304 (sim.) from S0107, and section 7/A0456 from A0110.A, and section 10/A0471 from 5/A0404, from 4/A0313, from A0110.A

Atlas believes that these deck edges should be at the centerline of the W16x36's (5'-8 7/8" east of line 7), per 10/A0471, and field notched around the screenwall posts.

DC/AIW 7-21-16

PER MTG W/ATLAS ON 8/4/16

EDGE OF SLAB ON SOUTH SIDE OF MECH SPACE IS 6 7/8" SOUTH OF GRID B

EDGE OF SLAB ON WEST SIDE OF MECH SPACE IS 3 1/2" WEST POST CTR

EDGE OF SLAB ON NORTH SKEWED SIDE IS 3 1/2" NW OF POST CTR

BEAMS SHIFT FROM POST CENTER TO ALLOW FOR 1" MIN OVERLAP OF EDGE ANGLE AND BEAM.

MECH AREA EDGE DETAILS WERE COORDINATED.

ROOF SCREEN POST BASE CONNECTIONS WERE MODIFIED PER THE ATTACHED SKETCHES.

JYW 8/10/2016

LEVEL 5 ROOF DECKING PLAN

REFERENCED S0107
DATED: 02/02/2016

6000 - SCREWS
Marked: S6

VULCRAFT STEEL ROOF DECK ** NOTE DK3 **

TYPE = 1.5B GAGE = 18
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G90 GALVANIZED SHEET
36 INCH NET LAY
FASTEN USING 36/7 PATTERN AT END LAPS (5/8 WELD OR EQUIV.)
FASTEN USING 36/7 PATTERN AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)
FASTEN SIDE LAPS AT 5 PLACE(S) PER SPAN EQUALLY SPACED (SCREWS S6-#10-3/4")
FASTEN PERIMETER EDGES OF DECK AT 6 INCHES C/C (5/8 WELD OR EQUIV.)
END LAPS OCCUR AT SUPPORTS ONLY
MINIMUM LAP = 3 INCHES

1.5B 36/7 PATTERN AT ALL SUPPORTS

VULCRAFT STEEL FLOOR DECK ** NOTE DK1 **

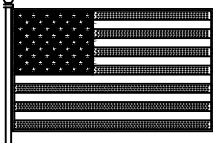
TYPE = 2VL GAGE = 18
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G60 GALVANIZED SHEET
36 INCH NET LAY
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS S6-#10-3/4")
FASTEN PERIMETER EDGES OF DECK AT 12 INCHES C/C (5/8 WELD OR EQUIV.)
END LAPS OCCUR AT SUPPORTS ONLY
MINIMUM LAP = 0 INCHES

SPECIAL INSTRUCTION
PRODUCTION NOTES:
SHIFT COIL FOR SIDELAP SCREWS

2VL 36/4 PATTERN AT ALL SUPPORTS

FOR FIELD USE FINAL PLANS

NOTE TO CONTRACTOR AND ERECTOR:
RESPONSIBILITY FOR FIELD MODIFICATIONS
OR ADDITIONAL MATERIAL WILL NOT BE
ACCEPTED UNLESS PREVIOUSLY AUTHORIZED
BY NUCOR CORPORATION.
June 24, 2016

SEQUENCES	
ALL JOISTS U.N.O. TO RECEIVE PRIMER	
  	
DOCUMENT PREPARED IN THE USA	
PH# (256)845-2460 FAX# (256)845-2139 7205 GAULT AVENUE NORTH P.O. BOX 680169 FORT PAYNE, AL 35967 FORT PAYNE, AL 35968	
	
PRINTS	FOR
FNL 5	AT ST LOUIS, MO - USA
	JOB WEBSTER ISD
	AT WEBSTER GROVES, MO - USA
DRAWN BY	WAYNE BROGDON
CK'D BY	
DATE 4/21/16	
DATE	
No.	REVISIONS
DATE	
FILE No. 048-16-4022	
DRWG No. D7	
OF 0	

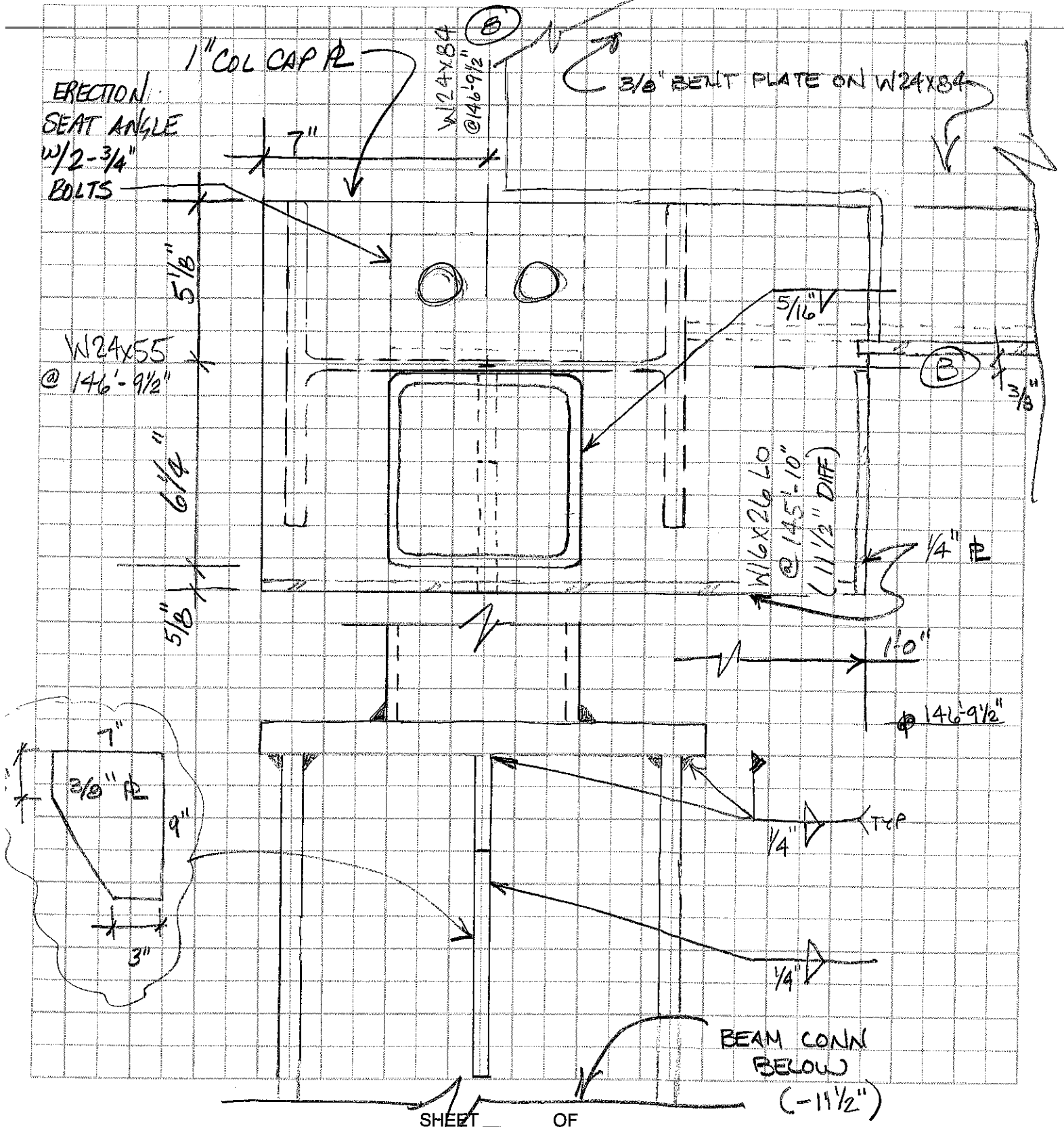
DAVID MASON & ASSOCIATES

CHICAGO, IL • ST. LOUIS, MO

COMPUTATION SHEETS

PROJECT #: SEQ#8 WU ISB
 PROJECT TITLE: ROOF SCREEN
 CLIENT: POST@ B-B

COMPUTED BY: JYW
 CHECKED BY: ISSUE
 DATE: TO ALAS



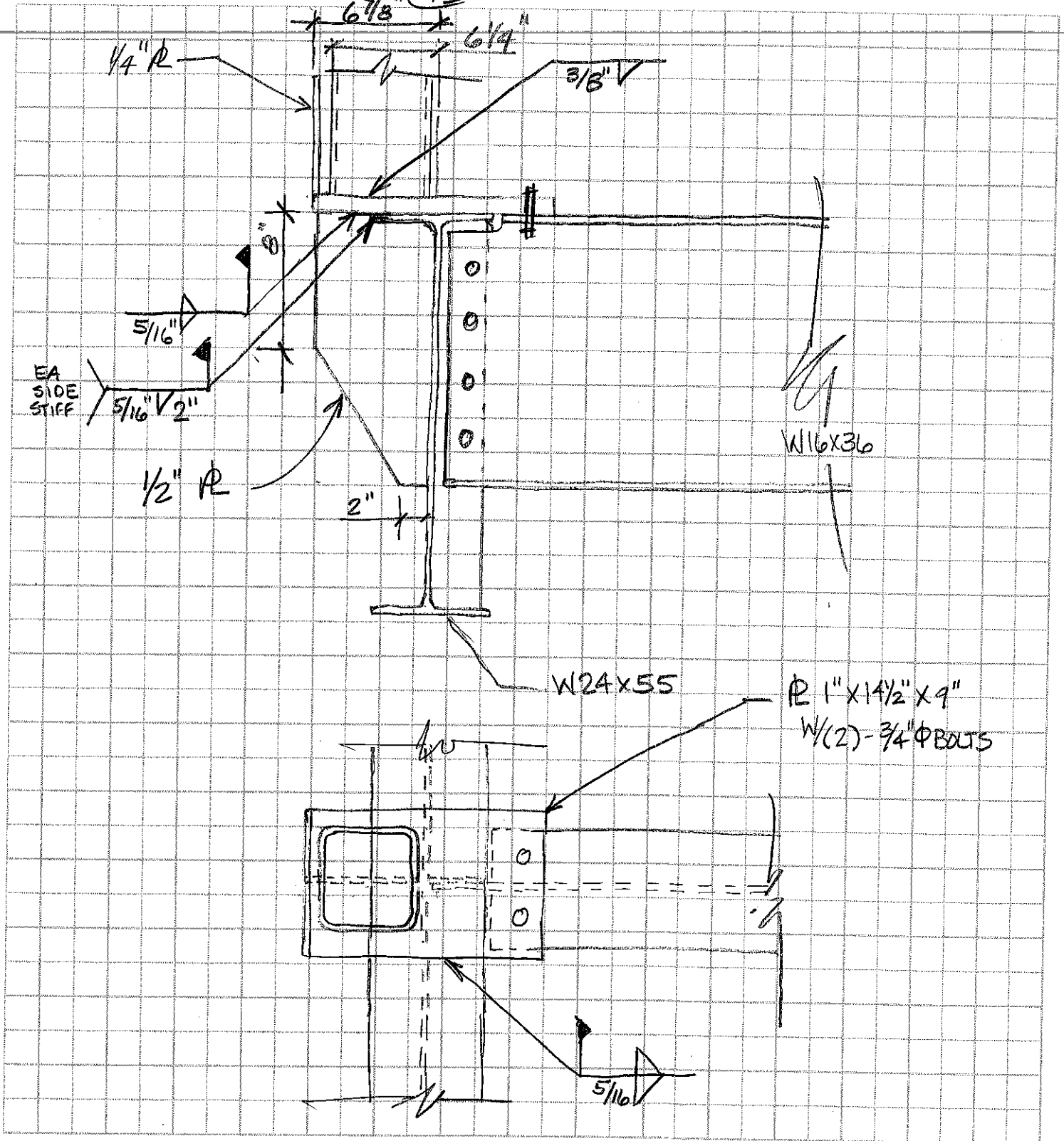
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COMPUTATION SHEETS

3 POSTS @

PROJECT #: SEQ #8 WU ISB
PROJECT TITLE: ROOF SCREEN
CLIENT: POST CONN

COMPUTED BY: JYW W24X55
CHECKED BY: GRID B, 7-B
DATE: _____



DAVID MASON & ASSOCIATES

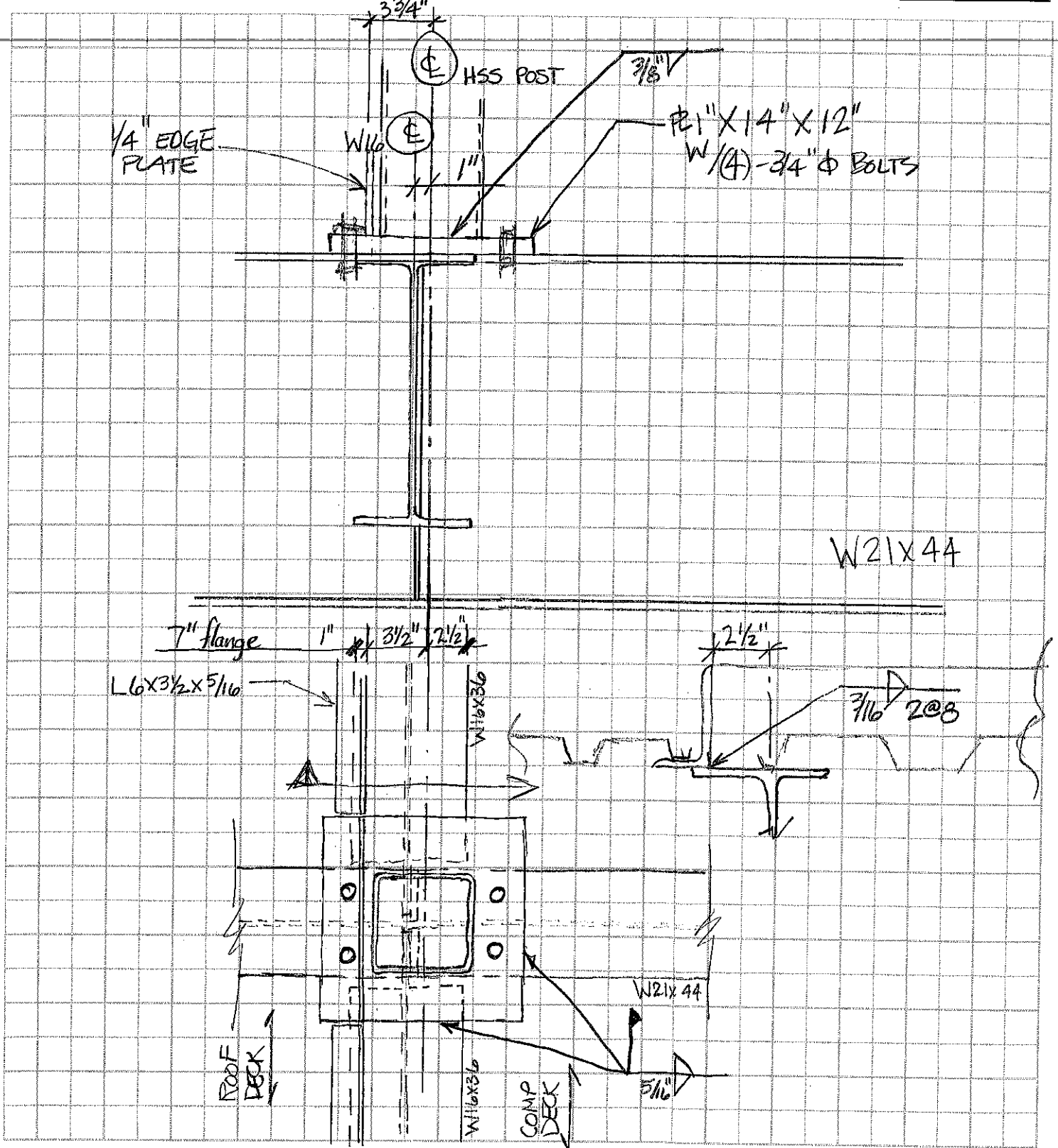
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COMPUTATION SHEETS

5 POSTS ON
W21X44'S

PROJECT #: SEQ #8 W4 ISB
PROJECT TITLE: ROOF SCREEN
CLIENT: WEST SIDE MECH AREA

COMPUTED BY: NW
CHECKED BY: GRID 7-7.1 (B+C)
DATE: _____



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COMPUTATION SHEETS

PROJECT #: SEQ #8 W4 ISB
PROJECT TITLE: _____
CLIENT: _____

COMPUTED BY: 3 POSTS + 1 POST
CHECKED BY: NORTH FACE @ CORNER
DATE: _____

