



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

REQUEST FOR INFORMATION DATE: November 04, 2016 **NO.:** RFI-344

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

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

Subject: S0104 & E2B (L3), and E6A (L4) at B.3 - 1

Response Required By: November 11, 2016

Drawing / Spec Reference:

Information Requested:

The field reports that, for some un-known reason, the 4" x 10" bolt pattern in the base-plate of column 603A did not match the 4" x 10" bolt pattern in the left end, top-flange of beam 269A. The attached details and gather sheets all show that the bolt patterns should have matched up. To continue with erection, they field-welded the column 603A base plate (b603) directly to the beam 269A flange with a 5/16" fillet weld all-around.

- Per the attached RFI 108 response, this column (at B.3-1) only required a 4-bolt connection to the beam under it.

Response:

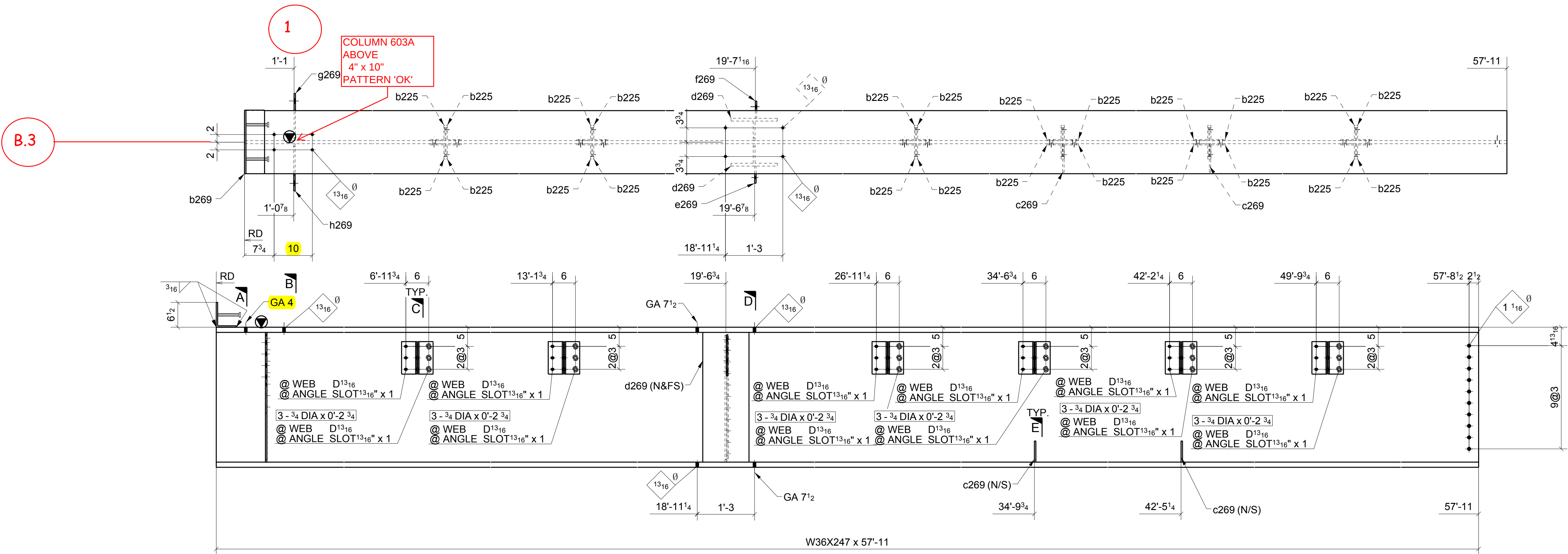
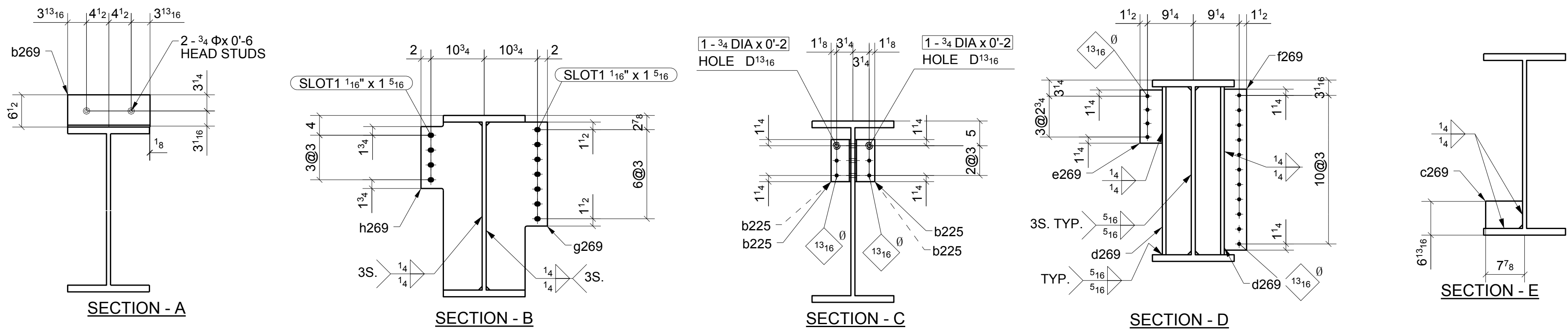
WELDED SOLUTION IS ACCEPTABLE

ARCHITECT'S RESPONSE:

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Answered By: **JILL WALKER / DMA**

Date: **11.10.2016**



ONE - BEAM ~ 269A
LOCATION: ONE @ 1-2/B.3 (REF: E2B)

SHOP BOLT IN SLOTTED HOLE
NEED "HAND TIGHTEN"

MATERIAL LIST

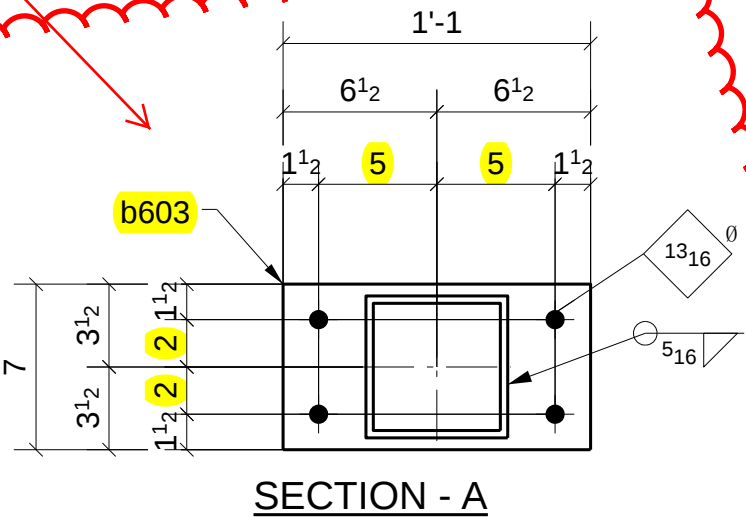
QTY	MARK	DESCRIPTION	LENGTH	MATERIAL	NOTES
1	269A	W36X247	57'-11"	A992	
24	b225	L4X4X5/16	0'-8 1/2"	A36	
1	b269	BPL3/8"x11 3/4"	1'-4 5/8"	A36	
2	c269	PL3/8"x5 1/2"	0'-7 7/16"	A36	
2	d269	WT6X39.5	2'-9 15/16"	A992	Pc
1	e269	PL3/8"x4 1/2"	0'-10 3/4"	A36	
1	f269	PL3/8"x4 1/2"	2'-8 1/2"	A36	
1	g269	PL3/8"x12 3/8"	2'-9 15/16"	A36	
1	h269	PL3/8"x12 3/8"	2'-9 15/16"	A36	
12		3/4" DIA. W/N&W	0'-2"	A325N_TC	
18		3/4" DIA. W/N&W	0'-2 3/4"	A325N_TC	
2		3/4" STUD	0'-6"		

Romac By: _____ Checked By: _____
Beamline By: _____ Checked By: _____

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WEBSTER UNIVERSITY INTERDISCIPLINARY SCIENCE BUILDING
Customer: PARIC CORPORATION
Owner: WEBSTER UNIVERSITY
Location: WEBSTER GUOVES, MO 63119
Dwn: ZZ Date: 05/30/2016 Ckd: LJ Date: 08/04/2016
Job No. A16013 BAT: _____ DWG#: 269

1	ADD PC	08/04/16
0	FOR FABRICATION	07/01/16
A	FOR APPROVAL	05/30/16
Sequence:	2	Ref. E-Plans: -
Material:	A992 U.N.O.	Edge Dist: 1 1/2" U.N.O.
Holes:	13/16"DIA.	Bolts: NOTED
Cleaning:	NONE	
Paint:	NO	
DFT:	COLOR: _____	



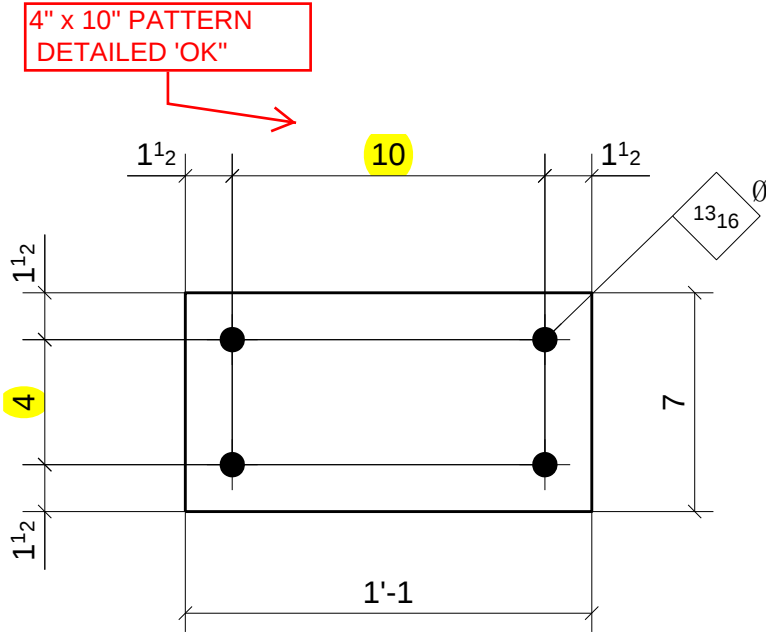
Romac By: _____ Checked By: _____

Beamline By: _____ Checked By: _____

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WEBSTER UNIVERSITY INTERDISCIPLINARY SCIENCE BUILDING
Customer: PARIC CORPORATION
Owner: WEBSTER UNIVERSITY
Location: WEBSTER GUOVES, MO 63119
Dwn: TLI Date: 06/17/2016 Ckd: LJ Date: 07/29/2016
Job No. A16013 BAT: DWG#: 603

	FOR FABRICATION	08/05/15
	FOR APPROVAL	06/20/15
Sequence: <u>6</u>	Ref. E-Plans: <u>-</u>	
Material: <u>A992</u> U.N.O.	Edge Dist.: <u>1 1/2"</u>	U.N.O.
Holes: <u>13/16" DIA.</u>	Bolts: <u>NOTED</u>	
Cleaning: <u>NONE</u>		
Paint: <u>NO</u>		
DFT: _____	COLOR: _____	

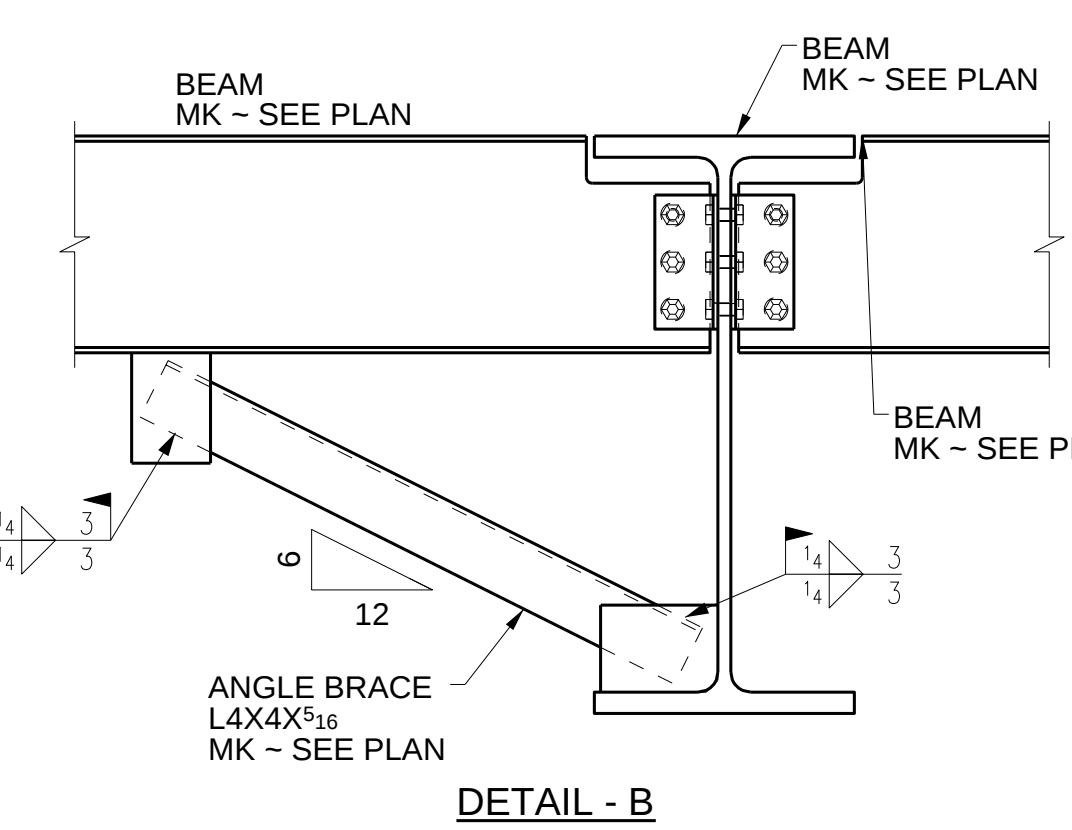
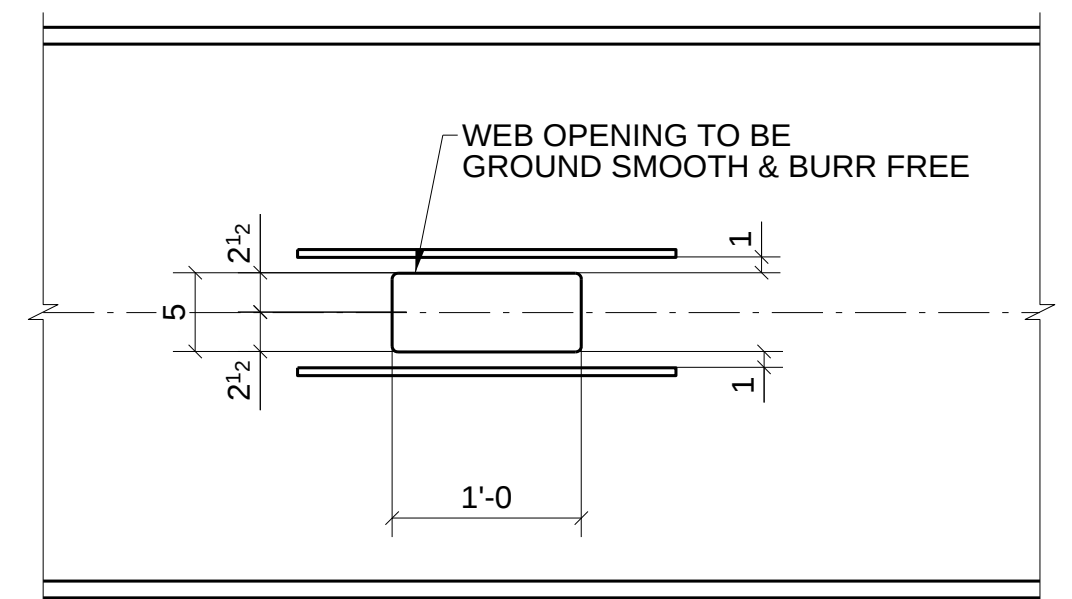
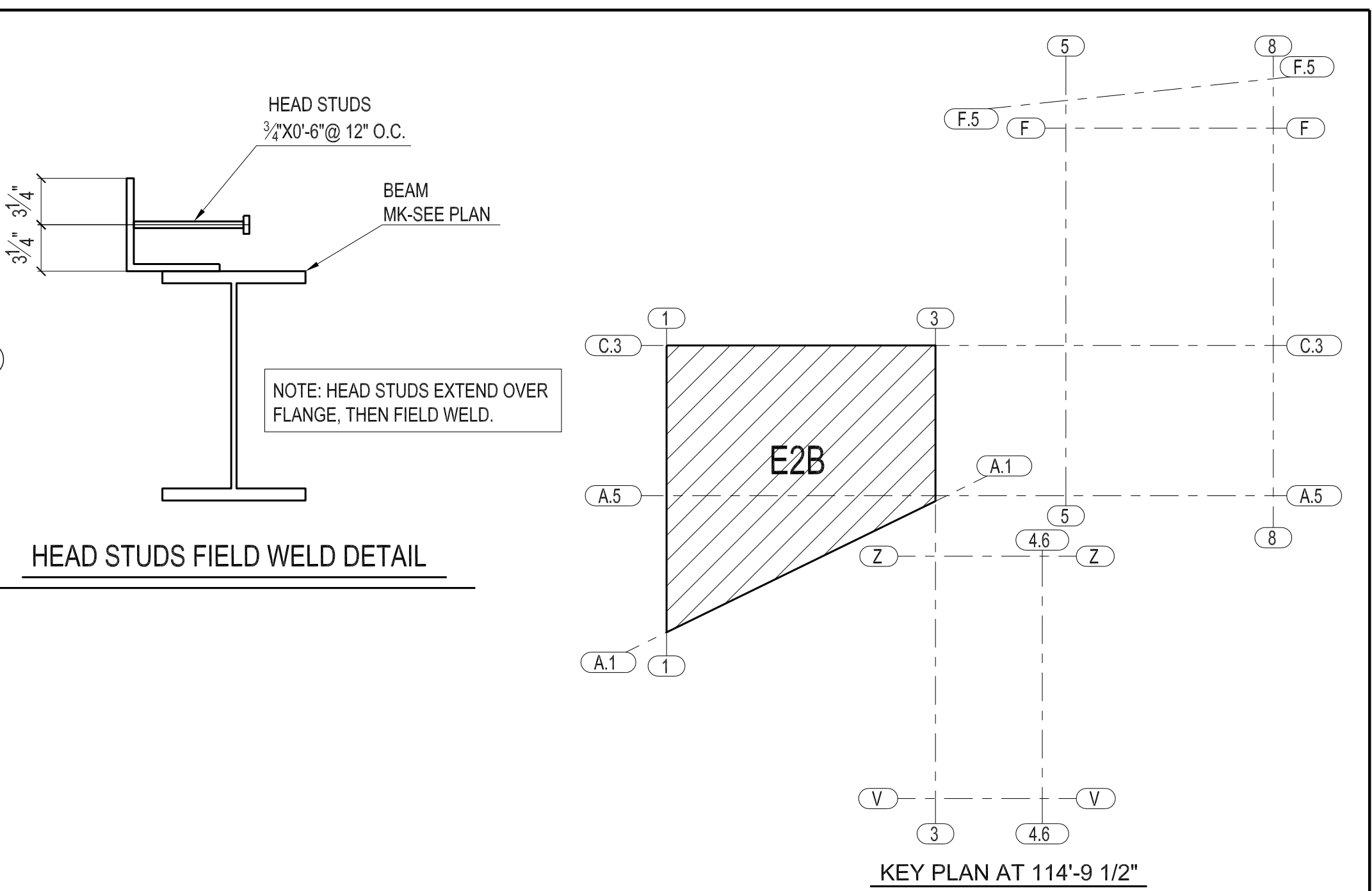
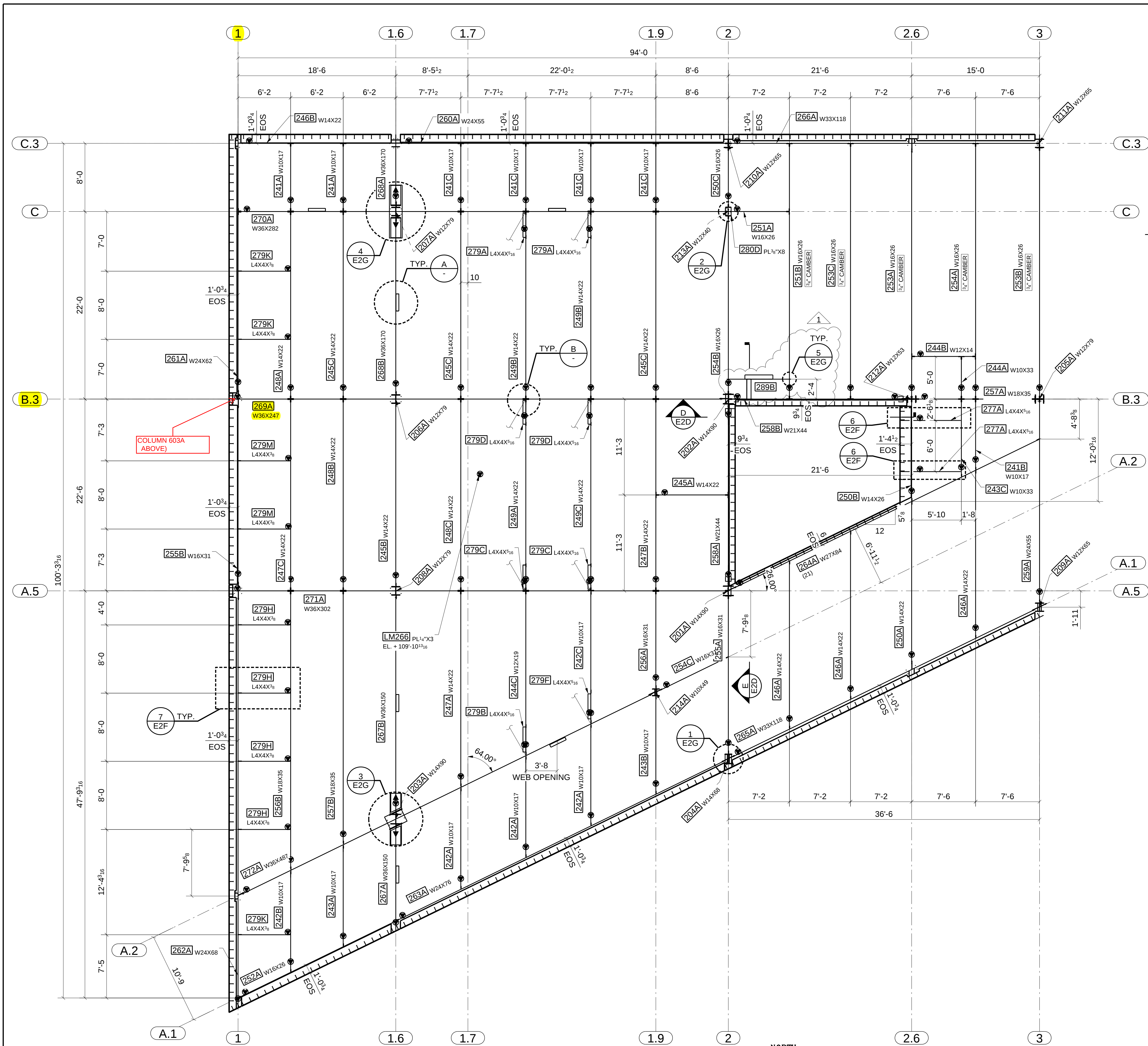


1	603A
NO.	IN ASSEMBLY

ATLAS IRON WORKS
ST. LOUIS, MO.

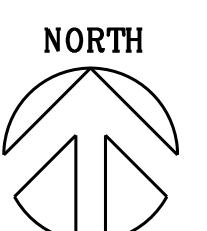
Project: WEBSTER UNIVERSITY INTERDISCIPLINARY SCIENCE BUILDING
 Customer: PARIC CORPORATION
 Owner: WEBSTER UNIVERSITY
 Location: WEBSTER GUOVES, MO 63119
 Dwn: TLJ Date: 08/03/2016 Cld: LJ Date: 08/03/2016
 Job No. A16013 BAT: DWG#: b603

b603	PL5/8"X7"	A36	1	1'-1"
MARK	SECTION	GRADE	Qty	LENGTH
MATERIAL LIST FOR WORKSHOP				



- NOTES:
- #1, ▼ DENOTES FOR LOCATION OF SHIPPING MARK.
 - INDICATES MOMENT CONNECTION.
 - INDICATES DIRECTION OF SLOPE DOWNWARD
 - INDICATES VERTICAL BRACE
 - #2, ALL ELEVATION SHOWN INDICATE MAIN PART TOP LEVEL (U.N.O.)
 - #3, U.N.O. (—) LOCATE THE WEB OF BEAM AT SOUTH OR WEST SIDE OF SHEAR TAB.
 - #4, (x) BELOW THE PART MARK ON FRAMING PLANS INDICATES THE NUMBER OF HEADED STUD PER BENT PLATE TO BE FIELD WELD.

LEVEL 03 FLOOR FRAMING PLAN SEQ2
T.O.S. EL. +114'-9 1/2 (UNO)
REF: S0104



ATLAS IRON WORKS
ST. LOUIS, MO.

Project:	WEBSTER UNIVERSITY INTERDISCIPLINARY SCIENCE BUILDING		
Customer:	PARIC CORPORATION		
Owner:	WEBSTER UNIVERSITY		
Location:	WEBSTER GUOVES, MO 63119		
Dwn:	TLI	Date: 05/23/2016	Ckd: LJ Date: 09/23/2016
Job No.	A16013	BAT:	DWG#: E2B

1	RFI#211	09/23/16
0	FOR FABRICATION	07/01/16
A	FOR APPROVAL	05/30/16



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REQUEST FOR INFORMATION **DATE:** May 25, 2016 **NO.:** RFI-108

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Joe Voypick

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

Subject: Additional information at 21/S0503

Response Required By: June 01, 2016

Drawing / Spec Reference:

Information Requested:

Please advise the base plate thickness(es), weld details, and bolt details for the location(s) that this detail applies.

Response:

A.1-2.6 --> 5/8" BP, 4-3/4" bolts, single skewed full depth stiffener (FDS) bm side, 2- 3/8" FDS w/8" gage opp side.
A.2-1, A.2-1.7, A.2-3, C.2-1.7, C.2-4, C.3-1 --> 5/8" BP, 4-3/4" bolts, single FDS bm side, 2- 3/8" FDS w/8" gage opp side.
A.2-2, A.5-1.7, B.3-1.7, C.2-2 --> 5/8" BP, 4-3/4" bolts, single FDS @ bm conn, 1 add'l 3/8" FDS each side staggered w/8" gage.
A.5-1, B.3-1 --> 5/8" BP, 4-3/4" bolts, single FDS bm side, each side.
C.3-1.6 --> 3/4" BP, 4-3/4" bolts, single FDS @ bms, 3/8" end plate on W36.
C.3-2.6 --> 3/4" BP, 4-3/4" bolts, single FDS bm side, 2- 3/8" FDS w/8" gage opp side.
All stiffeners are 3/8" min, Welds are all 1/4" cont except 5/16" min cont at bm conn's, Gage may be adj'd to work w/bolts.

ARCHITECT'S RESPONSE:

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Cc: Kathy Bathe, Paric Corporation

Answered By: Jill Walker / DMA

Date: 5/31/2016