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REQUEST FOR INFORMATION **DATE:** September 07, 2016 **NO.:** RFI-272

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: Anchor bolts placed too low

Response Required By: September 14, 2016

Drawing / Spec Reference:

Information Requested:

The anchor bolts were placed too low for the column at A.5/2 line. The top of anchor bolt is approximately 5" above top of grade beam which leaves approximately 1/2" of thread from the top of nut to the top of anchor bolt. This is consistent at all anchor bolts at this location. Our anchor bolts are 1-1/2" diameter and the opening in the base plate for the anchor bolt is 2-5/16". The Elocone bolts outside diameter is 2" with a tapering shaft to the head portion of the bolt.

Please confirm it's acceptable to use an Elocone nut. Product information link is :

<https://www.canam-construction.com/.../elocone-nuts>

**ELOCONE NUTS ARE ACCEPTABLE
- NEW PLATE WASHERS ARE REQ'D**

Please advise acceptable corrective actions.

**PER FIELD - ANCHORS ARE SET PER
DRAWINGS - SEE NEW PLATE WASHERS
NEXT PAGE JYW 2016.10.12**

Response:

PLEASE RESUBMIT RFI AND INCLUDE A TEMPLATE FROM FIELD MEASUREMENTS WHICH PROVIDES THE COLUMN LOCATIONS, BOLT CENTERLINE LOCATIONS AND RELATIONSHIP TO EDGE OF BASEPLATE. THIS INFORMATION IS REQ'D IN ORDER TO DETERMINE THE NEW PLATE WASHER CONFIGURATIONS.

ARCHITECT'S RESPONSE:

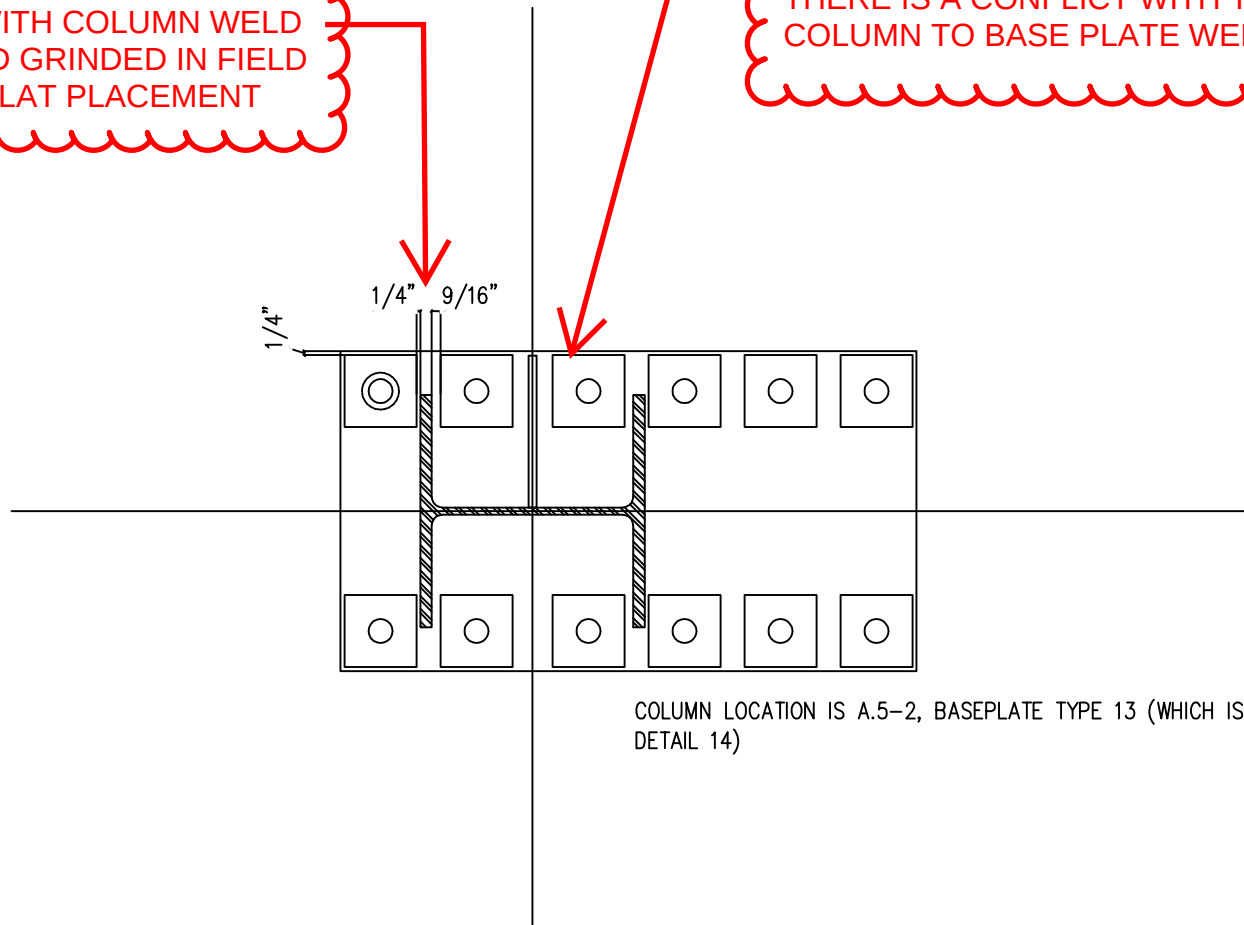
This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect]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

Answered By: **JILL WALKER / DMA**

Date: **9/22/2016**

PLATES MAY BE PRE-BEVELED
OR TRIMMED TO AVOID
CONFLICT WITH COLUMN WELD
IN SHOP AND GRINDED IN FIELD
FOR FINAL FLAT PLACEMENT

PLATE WASHER - 3/4"X4 1/2"X4 1/2"
- WELD TO BASE PLATE - DO NOT
WELD AT LOCATIONS WHERE
THERE IS A CONFLICT WITH THE
COLUMN TO BASE PLATE WELD.

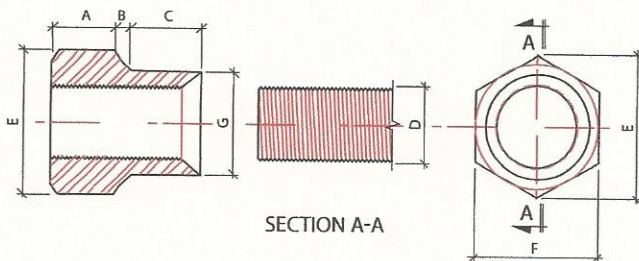


Elocone Extended Nuts Dimensions



Elocone nuts are machined pieces with a standard nut head and an elongated lower part that can be screwed to anchor rods within the thickness of the base plate. Dimensions can change without notice. Elocones nuts can be produced with hot-dip galvanized finish on demand. In addition, the washers for Elocone nuts are sold separately.

Hardness 32-36 HRC
Elocone Steel $F_y = 140$ ksi (965 MPa) app.



Part Number	Anchor Rod Diameter (in.)	Outside diameter of narrow bottom part (in.)	Upper nut length (in.)	Transition length (in.)	Length of narrow bottom part (in.)	Elocone nut overall length (in.)	Dimension across corners of upper nut (in.)	Dimension across flats of upper nut (in.)	Net weight (lbs)	Number of threads per inch and size of threads	Availability
	D	G	A	B	C	A+B+C	E	F			
HBA-0019	0.750	1.000	0.688	0.125	0.688	1.500	1.443	1.250	0.3	10 UNC	Stock
HBA-0041	0.750	1.000	0.688	0.125	1.125	1.938	1.443	1.250	0.4	10 UNC	Order
HBA-0023	0.750	1.000	0.688	0.125	1.438	2.250	1.443	1.250	0.4	10 UNC	Stock
HBA-0040	0.750	1.000	0.688	0.125	2.000	2.813	1.443	1.250	0.5	10 UNC	Order
HBA-0024	0.875	1.180	0.781	0.156	1.000	1.938	1.660	1.438	0.5	9 UNC	Stock
HBA-0020	1.000	1.333	0.917	0.146	1.000	2.063	1.876	1.625	0.7	8 UNC	Stock
HBA-0047	1.000	1.333	0.917	0.146	1.500	2.563	1.876	1.625	0.8	8 UNC	Stock
HBA-0042	1.000	1.333	0.917	0.146	2.000	3.036	1.876	1.625	0.9	8 UNC	Order
HBA-0076	1.000	1.333	0.917	0.146	2.500	3.563	1.876	1.623	1.0	8 UNC	Order
HBA-0027	1.125	1.500	1.000	0.188	1.125	2.313	2.093	1.813	0.9	7 UNC	Stock
HBA-0021	1.250	1.688	1.188	0.188	1.250	2.625	2.309	2.000	1.5	7 UNC	Stock
HBA-0025	1.250	1.688	1.188	0.188	2.250	3.625	2.309	2.000	1.9	7 UNC	Stock
HBA-0026	1.375	1.830	1.233	0.205	1.500	2.938	2.526	2.188	1.7	6 UNC	Stock
HBA-0022	1.500	2.000	1.375	0.188	1.500	3.063	2.742	2.375	2.2	6 UNC	Stock
HBA-0066	1.500	2.000	1.375	0.188	2.000	3.563	2.742	2.375	2.4	6 UNC	Order
HBA-0062	1.750	2.350	1.688	0.178	2.634	4.500	3.125	2.706	5.2	5 UNC	Order
HBA-0049	1.750	2.350	1.688	0.178	4.134	6.000	3.125	2.706	5.2	5 UNC	Order
HBA-0054	2.000	2.690	1.938	0.218	2.345	4.500	3.594	3.125	5.5	4.5 UNC	Order
HBA-0053	2.250	3.020	2.188	0.240	2.573	5.000	4.031	3.500	7.8	4.5 UNC	Order
HBA-0051	2.500	3.360	2.438	0.220	2.843	5.500	4.375	3.800	10.3	4 UNC	Order

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1-800-463-1582

canam-construction.com/elocone

To get more information or to order Elocone nuts, please contact us.











Life Guard

3

STANLEY

2

ft

16ft

in

1



1