JSA/JEFFERSON LAB

CONSTRUCTION CHANGE REQUEST (CCR)

1 Subcontract No: 10-C0162 **Date: 7/6/2011**

2 Project Title: Technology and Engineering Development Facility Project

3 CCR No: 16 **PR No.**

4 CCR Title: Bent Plate at Knock Out Panels (4xTLA)

5 Description:
Add continuous 3/8" steel plate and weld to T.O. to steel beam/tube at the knock out panels at the Test Lab addition. (4 locations) See response to RFI 450

6 Changes in Drawings/Sketches:
CPA-0029

7 Changes in Specifications:

Mortenson construction

REQUEST FOR INFORMATION No. 00450

Date: 7/5/2011

To: EwingCole Architects
Federal Reserve Bank Building
100 North 6th Street
Philadelphia, PA 19106-1590

Fax: 215-574-0952 **# of pages faxed:**____

Attn: Shawkat Shamaa

Ref:

Title: TLA - Knockout Wall Panel Head Dtl

Project: TEDF, Jefferson Lab
12500 Lawrence Road
Newport News, VA 23606

Phone: 763-287-5652
Fax: 763-287-5462
Project No: 09110016
Issue No.: 07-031
Required Response Date: 7/12/2011

Description

Spec. Section(s): 07 42 13, 04 20 00, 05 12 00
Drawing No.(s): S2.1.4.C, S2.1.7.C, TLR-A3.1.1.3, TLR-A3.1.1.4, Centria Shop D5
Location(s): TLA Knockout Wall
Request and/or Proposed Solution: The South knockout wall for the 450 ton press is to be at 21', the metal panel shop drawings show the panels to have a joint and fastened to CMU backup (1/D5). Please see attached picture for the approx. location of this joint for the knockout panel. When the CMU back up is removed to create the knockout opening, there will only be a sliver of CMU block that the metal panel subgirt can attached to, this CMU is also unsupported, and some sort of structural lintel/tube steel would be required. If the CMU back up is to be completed removed, the metal panel will need back up to attached the subgirt.

There is a very similar situation on the West side of TLA, but the knockout walls are at 20'.

Please review and advise.

Requested By: *Tony Shieh* **Date:** 7/5/2011

Tony Shieh
Project Engineer
antonio.shieh@mortenson.com

Response:

Please provide continuous 3/8" steel plate and weld to T.O. steel beam / tube above knock out panels. Knock out panel head joint to be 3" above T.O. steel at Equip. Platform level. See section detail on attached CPA-0029.

Response By: Shawkat Shamaa **Date:** 07/05/11

Shawkat Shamaa

CC: _____

_____

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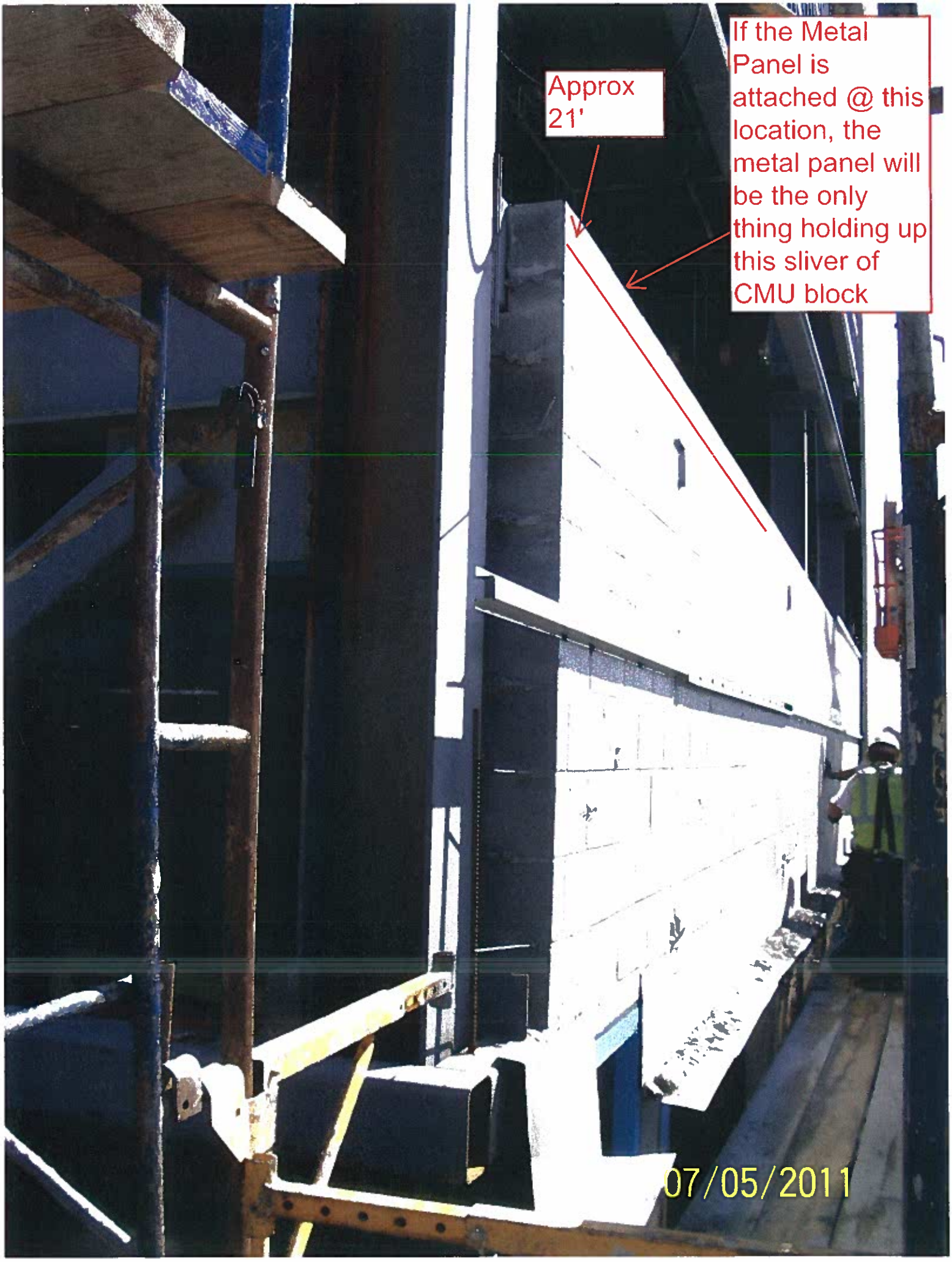
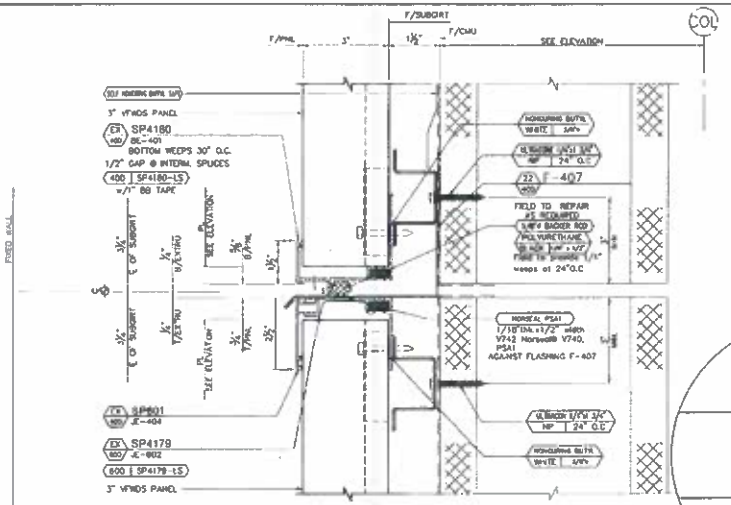
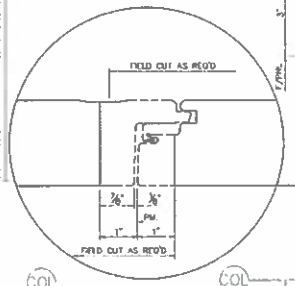

Approx 21'
If the Metal Panel is attached @ this location, the metal panel will be the only thing holding up this sliver of CMU block
07/05/2011

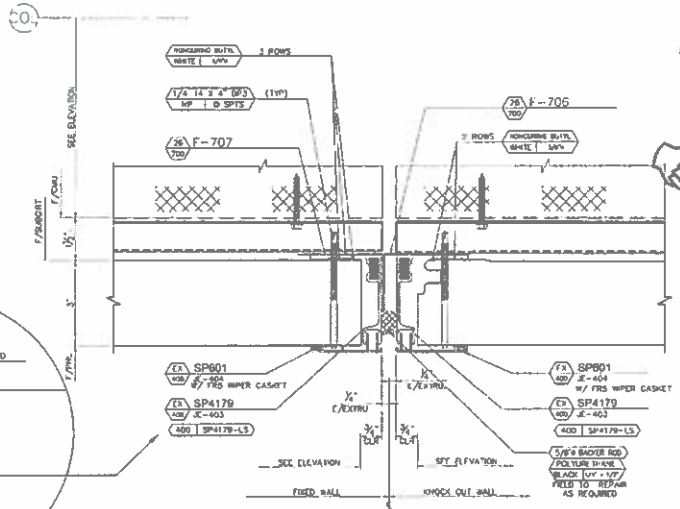


INSTALLER NOTE:
SUBGRT SHALL BE INSTALLED TO ALLOW 1/4" GAP BETWEEN SECTIONS AND AT END CONDITIONS.

1/05 KNOCK OUT HEAD

CM TO coordinate



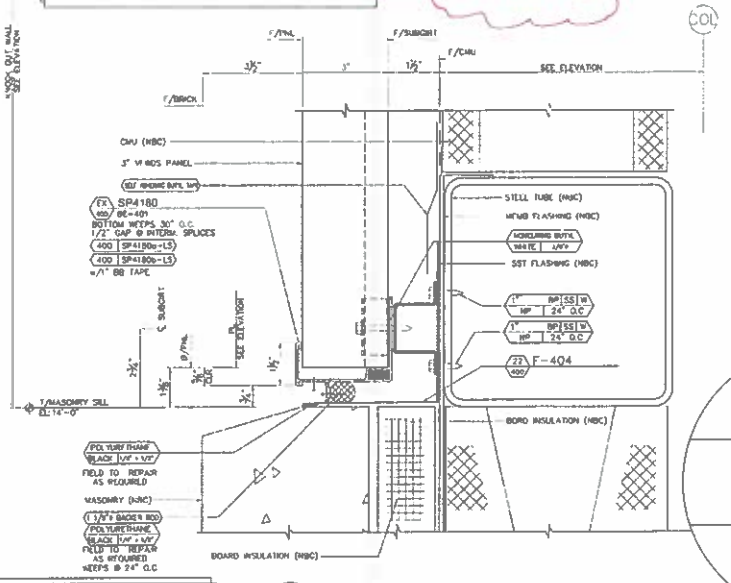


3/05 KNOCK OUT JOINT

NOTE:
AIB LOCATION HAS BEEN SHOWN AS INDICATED ON DESIGN FILES AND CO-ORDINATION AS TO REQUIRED LOCATION IS NSC

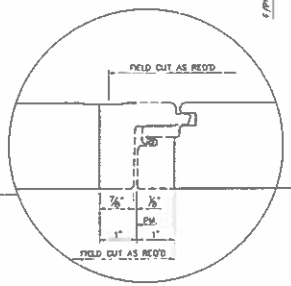
On design dwgs no details are provided for knock out wall. To match with the adjacent panel support, details are developed with CMU. Please confirm the panel support provided.

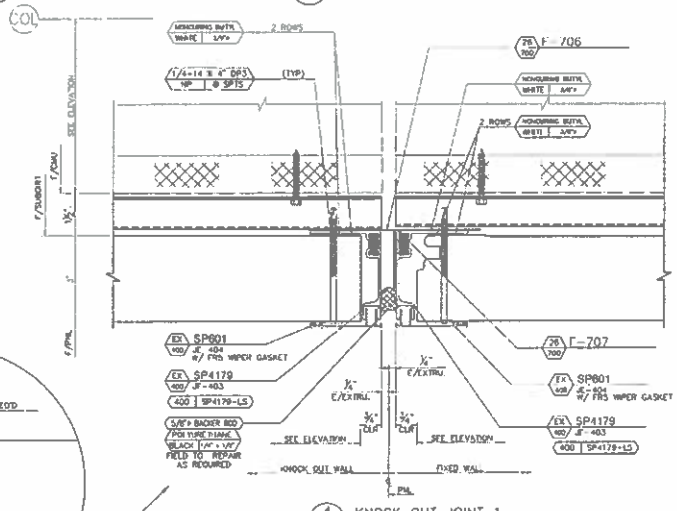
YES



SEE GN 4
FOR FASTENING SCHEDULE
REQUIREMENTS AND PRODUCT INFORMATION.

2/05 KNOCK OUT BASE





4/05 KNOCK OUT JOINT 1

CENTRIA

1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2994
PHONE: (412) 299-8000 FAX: (412) 299-8331

ISSUE	DESCRIPTION	BY	DATE
B	FOR CONSTRUCTION	VECTRE	06.12.11
A	FOR APPROVAL	VECTRE	01.06.11

DETAILS
CUSTOMER: EXCELL ERECTION, INC.
OWNER: JEFFERSON SCIENCE ASSOCIATES LLC (JSA)
PROJECT JEFFERSON LAB
LOCATION: NEWPORT NEWS,VA

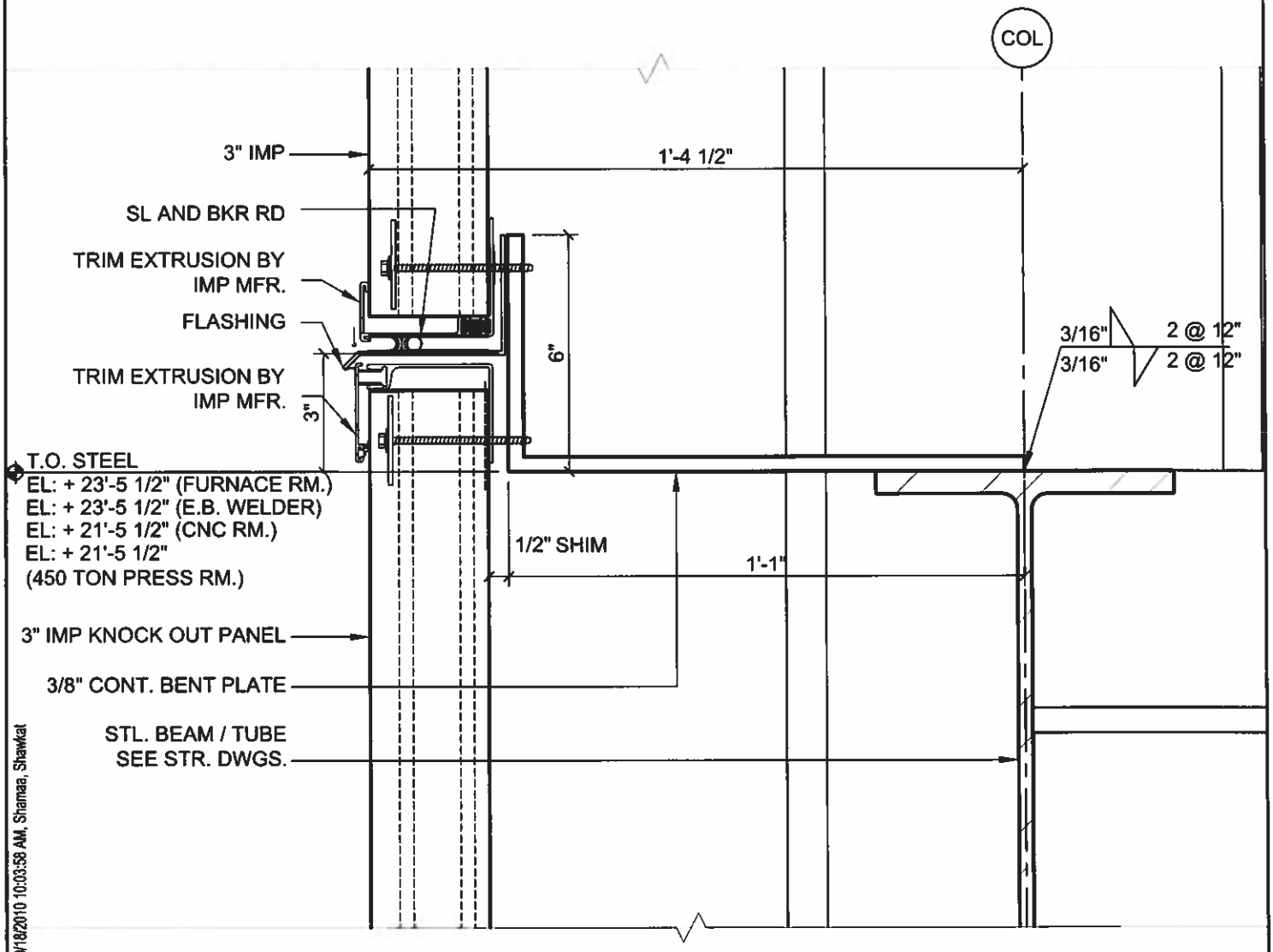
Final Re- Submittal

	BY	DATE
DRAWN	VECTRE	DEC 10
CHECKED		
SECTION MANAGER		

CONTRACT No. 36567
DRAWING No. D5
ISSUE 0

070213 - CENTRIA - D5 - R2

CONFIDENTIAL



4 SECTION DETAIL AT HEAD OF EXTERIOR KNOCK OUT PANELS

3" = 1'-0"

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EWING COLE

PROJECT: JEFFERSON LAB TEDF TWO	PROJECT NO. 20080400	DWG. DATE 07/05/2010	
	REF. DWG. ---	REV. DATE	
DRAWING TITLE: SECTION DETAIL AT HEAD OF EXTERIOR KNOCK OUT PANELS	SCALE 3" = 1'-0"	DRAWING NO. CPA-0029	
	DWN. BY S.S.		