
**ADDENDUM NO. 3
PROJECT BI-CTC-455**

Date: April 30, 2015
Renovations and Addition to Lafayette Hall
Housatonic Community College
Bridgeport, CT

CLARIFICATIONS

1. See latest pre-bid requests for information and responses to date. See Addendums 1 and 2 for earlier pre-bid requests for information and responses.
2. Amenta/Emma Architects Addendum 3 Dated April 30, 2015 Clarifications and Sketches are attached.
3. General Trade Contractor to delete final cleaning and trailer cleaning requirements per their Bid Package notes.
4. The deadline for the submission of bid packages for this solicitation is May 14, 2015 by 2:00 PM at the State Office Building 165 Capitol Ave. Hartford CT Room G-36.

ATTACHMENTS

1. Pre-Bid Request for Information Question and Responses, 5 pages
2. Amenta/Emma Architects Addendum 3 10 pages

ADDENDUM NO. 3
Prebid Requests for Information
Questions and Responses
April 17, 2015

Renovations and Addition to Lafayette Hall
Housatonic Community College
Bridgeport CT
Project No. BI-CTC-455

Questions (*Responses in Italics*):

1. Please advise in who's bid package would typical coping shown on 15/A3.40 at elevation 62'-11" below the wall panels and capping the curtainwall. Also typical coping on 15/A3.20? ***The copings in question are to be provided by the Glass and Glazing BP 08. Typically sill copings below the metal panel system and or copings that separate metal panels and glass systems are to be furnished and installed by Glass and Glazing BP 08.***
2. Will there be roof access from the west and east sides of the new addition to load roof material? ***West side along Lafayette Street only.***
3. Please clarify or provide detail of Bird control system as called for on drawing A1.41 in order to quantify walk pads needs per the roofing scope. We assume bird control system is by others? ***Furnish and install 110/ea. roof pads under 110 bird control stanchions per detail A1.41. The bird control system is furnished and installed by the general trade package 02B.***
4. Please advise in who's bid package is all steel stud framing on the roof? ***Steel stud framing is not provided under the Roofing Bid package 07A.***
5. Glass type GL-3 calls out spandrel glass, but there is not spandrel in the makeup breakdown. Also, is the VE-2m required on this? 3.8 A.2: Coating Color: Crystal Gray, (this is a substrate color, should this be a spandrel color? If so, what color? Should Crystal Gray be the outboard lite color or should it be Ultraclear (low iron) on the outboard lite? ***[GL-3] Yes, VE13-2M is required for this glass type. Basis-of-Design-Product shall be Viracon VE13-2M Insulating HS/HS w/ Viraspan Opaque Ceramic Frit. Coating Color shall be Viracon Warm Gray – V908.***
6. Glass type GL-2 is the VE-2M required on this? ***[GL-2] Yes, VE13-2M is required for this glass type. Basis-of-Design-Product shall be Viracon VE13-2M Insulating HS/HS w/ Viraspan Opaque Ceramic Frit. Coating Color as indicated in specification.***
7. Reference 4/S4.06 and similar details. Please confirm the 1/2x5x12" steel plate and (2) #5 rebar are by others and not part of the metals package? The rebar will need to be welded to the 1/2" plate and then the pour stop? ***The 1/2x5x12" plate is considered an embedded item therefore it is supplied by Steel BP 05 and installed by Concrete BP 03.***

8. In Framing Detail 1/S4.03 please confirm the requirement for the field installation of the top horizontal closure plate. Note 1 says canopy to be shop fabricated? Please confirm the finish requirement of this canopy, notes reference architectural drawings which do not state finish type? Please confirm this is a zinc rich primer? **Top horizontal closure plate shall be shop installed as per Note 1. DELETE word field from the referenced note. The intent of the note concerning the top horizontal closure plate is to provide support for the plate while it is being welded, to ensure the upper plate is level and parallel to the bottom plate. Architectural drawings indicate high-performance coating (27/A3.30, 25/A3.04, etc.). Refer to specification section 09 96 00 – 3.6 – A – 1 for primer and finish requirements.**
9. Refer to drawing S2.02 please confirm if the 1” diameter beam penetration in the HSS 6x6x3/8 & W12x19 require reinforcement per the typical detail on S4.00? Also if reinforcement is required at the HSS piece please provide detail. **Beam reinforcement is not required for the 1” diameter holes in the W12x19 or the HSS 6x6x3/8. Locate hole in vertical center of the beams.**
10. Door type “F” for doors L110 and L113 is not on Door Type Elevations on sheet A4.02? **Door Type “F” shall be a flush hollow metal door, similar to types “D” and “E” with 90 minute rating as per schedule.**
11. Door Frame B232A and B232B has F1-HM- Elev. “X” and it is not in the Elevation 5/A4.02? **Revise frame elevation to Elev. “1”. Revise door B232A to 3’-0” width.**
12. Section 7/S4.04 shows beam stiffeners inside of the TS beam. Please verify this detail how does the stiffener fit in the TS along its length? **Omit stiffener indicated in detail 7/S4.04. At detail 7/S4.04 section cut, provide welds, HSS tubes (between beam and angle at CMU) and continuous L8x8 as per detail 6/S4.04.**
13. Refer to Addendum 2 response 42. The site logistics plan shows 2 stair tower, presumably going from ground level to the top of the garage, are these two stairs towers referred to in this Addendum response, or are the ones in the addendum response in addition to those shown on the site logistics plan? Please clarify how many total stair tower are required and their starting and ending points. Which package is providing the fencing at ground level, as mentioned in the site logistic note? **The garage stair tower on the northeast corner goes from ground to garage level 7 and second garage stair tower north at mid span goes from garage level 7 to garage level 8. There is an additional requirement for an internal scaffold stair tower for the new addition for the lower level to the top floor, location to be determined by the CM.**
14. Confirm the CM is providing their own trailer and equipment for the project as specified in Spec 015000 paragraph 3.3, Specification 015000 is assigned to the General Trades Package. **Correct the CM will be providing there filed office and the DCS/CA field office. The General Trades BP 02B is to provide cleaning services, portable toilets and trash pick-up.**
15. Will the general trade contractor be allowed office space somewhere in the existing building for our trade field supervisor? **The general trade contractor can hoist a**

trailer to the garage roof and set up next to the CM trailer. Office space within the existing building cannot be guaranteed but a location will be considered.

16. Spec 015000 -3.3H calls for a temp lift or hoist for hoisting materials and employees. Confirm that each trade is responsible for their own hoisting and there is no requirement for the General Trade package 02B to provide any general hoist(s) on the job. **Material and Equipment hoisting is by each separate trade contractor.**
17. Confirm the Site Trade Contractor BP 02B is providing any enclosure fences, site barricades, warning signs, and light for the project and it is not part of the General Trades BP 02B? **BP 02C is to furnish and install exterior fences, site barricades, site warning signs. BP 02B to provide interior barricades, enclosures and warning signs. BP 26 is to provide all temporary lighting and power.**
18. Please Provide shop weld details for column at the base place in Section 3/S4.07. **Refrigerant recovery, storage and make up, glycol recovery and make up as well as calcium chloride brine solution recovery, storage and make up is .**
19. Who provides the muffler/critical silencer for the emergency generator? **It is part of the generator specification which is to be furnished and installed by Electrical BP 26. Insulation requirements if required is by Mechanical BP 23.**
20. Please clarify that the trade contractors are not responsible for any hazardous material, controlled material, hazardous gas handling as part of the demolition MEP cut, cap and drop items. **Refrigerant recovery, storage and make up, glycol recovery and make up as well as calcium chloride brine solution recovery, storage and make up is the responsibility of the MEP contractors working on the existing equipment.**
21. Specs call for in **Basis of Design Product:** a product from Alucobond 6mm FR core. The Alucobond sales representative is indicating the Alucobond does not manufacture 6mm FR core, they only produce 4mm FR core. Is the Alucobond 4mm FR core acceptable? **4mm is acceptable for FR core locations only. Standard PE core locations shall be 6mm as per the specifications.**
22. Can you please clarify who's bid package would the plywood wall sheathing be provided by as shown on detail 7/A3.06 along column lines G&H exterior side of parapet walls? **This sheathing is part of Roofing BP 07A, as a general note any EPDM Wall Construction where plywood is its substrate is by BP 07A.**
23. Detail 8/S4.06 please confirm that the steel shims required for the curtainwall support are by the curtainwall installed and not part of Steel BP 05? **Correct shim stock is furnished and installed by Glass and Glazing BP 08.**
24. Is Experience Modification Rate EMR rate of 1.00 or less apply to field only? **No**
25. Who is responsible for the automatic door operators as shown on drawing A1.12? **The door operators called for on 25/A1.12 west entry vestibule along column X30 are to be furnish and installed by Glass and Glazing BP08.**
26. Who is furnishing and installing Terrazzo Flooring and Stair Treads? **General Trades BP 02B.**

27. Please confirm shoring at section 8/S3.03 for slab pour is by others and is not part of the metals scope? **Shoring for this section is by Concrete BP 03.**
28. Drawing G2.20 Note: At locations where a steel beam is above a steel brace, the brace and frame shall receive the indicated fireproofing. Drawing A1.14 Details 6&7 shows intumescent on bracing where beams above are cementitious. Which one is correct? **Note on sheet G2.20 shall be revised to include, "unless otherwise indicated elsewhere within the Drawings". Brace indicated in detail 7, between column lines 6 & 9 to remain intumescent. Brace indicated in detail 6, between column lines 9 &10 to be revised to applied.**
29. Please clarify what drawings section 12/S4.04 is cut on? **Detail is cut on Roof Framing Plan (S2.05), North portion of building, between column lines D and E.**
30. There are two colors for the metal panels in the specs. But no indication on the drawings where each one should go please clarify. **All metal composite material wall panels shall be Silver Metallic Cool as per specification section 07 42 13.23 – 2.2 – B – 3 – a. Subsections D and E shall be deleted from paragraph 2.2.**
31. Flashing profiles, details 6/A3.31 and 27/A3.31 the two pieces are one the continuation of the other but they are two different profiles, please advise. **Intent is for top of flashing/gravel stop to be at 63'-0" elevation as indicated in detail 27/A3.31. Add gravel stop to detail 6/A3.31 to match height indicated for top of gravel stop within detail 27/A3.31. Increase height of vertical flashing indicated in detail 6/A3.31 based on addition of gravel stop.**
32. Under CSI code 076200 we have a few flashing details that should probably be included under the Roofing BP 07A; 15, 25, 27/A3.30, 17/A3.31, 8/A3.07. **That is correct all flashings, including associated blocking shown on these details is by Roofing BP 07A.**
33. Is there test cut information for the existing ballasted roof area (column lines X28 to 15) where the new addition tie-in that calls for it to be removed? Also is the existing deck sloped here or is tapered insulation needed? **No roof cores were taken of the existing building based on the limited scope in this location. Existing roofing construction is indicated on detail 26/D5.01 as a 5" minimum of rigid insulation. Existing roof deck is flat and tapered insulation (above the minimum 5" indicated) is utilized. New tapered insulation will be required as indicated in detail 19/A1.41.**
34. CUH 3 and 4 are shown on the schedule, I don't find these on the M drawings (please clarify) **CUH-3 and CUH-4 are noted on the schedule to be located within Vestibule VB-1.**
35. FCU 3 and 4 are shown on drawing M1.14 but these are not on the schedule (please clarify) **Drawings incorrectly labeled units located within Vestibule VB-1 as FCU-3 and FCU-4. REVISE FCU-3 and FCU-4 as indicated on M1.14 to CUH-3 and CUH-4.**

36. What BP should furnish and install the interior plywood sheathing that is directly behind the finished gypsum wall board as shown on Partition Types Drawing A1.52? ***This sheathing is furnished and installed by Drywall BP 09A.***
37. Who owns the blocking, insulation and exterior plywood and flashing shown below elevation 17-0 on detail 15/A3.30? ***Roofing BP 07A.***
38. Who owns the blocking and exterior plywood above the masonry and behind the metal panels on detail 15/A3.31? ***Roofing BP 07A.***
39. Who owns the blocking and exterior plywood above and behind the GFRC panels on detail 6/A3.31? ***Roofing BP 07A.***
40. Reference (4/S4.08) the 1/4" x 8 1/2" continuous plate is noted as AESS-1. It is shown with a continuous AESS shop weld. Please confirm the requirement for an AESS weld. Will this weld be visible after the floor covering is in place? ***Yes, AESS shop weld is required at this location. No floor covering at this location, concrete will be sealed and weld will be visible.***

**FURTHER ANSWERS TO PRE-BID QUESTIONS APPEAR IN ADDENDUM 3
CLARIFICATIONS PROVIDED BY AMENTA/EMMA ARCHITECTS**

ADDENDUM #3

Renovations and New Addition to Lafayette Hall
Housatonic Community College
Bridgeport, Connecticut

DCS Project Number: BI-CTC-455-CMR

April 30, 2015

Prepared by Amenta|Emma Architects, PC

This addendum is issued to show corrections, revisions and clarifications to the BID Documents Submission for the *Renovations and New Addition to Lafayette Hall at Housatonic Community College*, dated March 6, 2015.

Clarifications:

- N/A

Modifications to the Drawings:

Sheet LP6.00:

- Bollard and Light Pole Foundations: **ADD** note to clarify bollard type/product as indicated on sketch AD3-LP1.

Sheet S4.01:

- Detail 2/S4.01: **MODIFY** weld designations as indicated on sketch AD3-S1.
- Detail 6/S4.01: **MODIFY** weld designations as indicated on sketch AD3-S2.
- Detail 8/S4.01: **MODIFY** weld designations as indicated on sketch AD3-S3.
- Detail 9/S4.01: **MODIFY** weld designations as indicated on sketch AD3-S4.

Sheet S4.07:

- Detail 3/S4.07: **ADD** weld designations and notes for clarity of connection of sloped columns at base connection as indicated on sketch AD3-S5.

Sheet S5.01:

- Column Base Plate Schedule: **MODIFY** weld designations as indicated on sketch AD3-S6 and AD3-S7.

Modifications to the Specifications:

- N/A

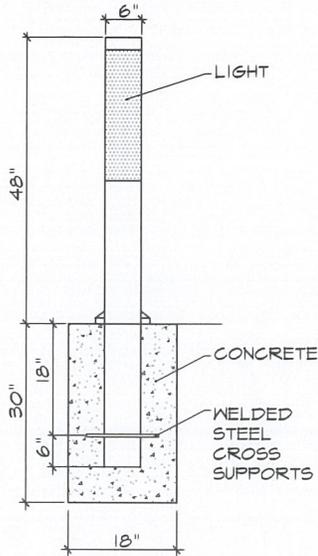
Attachments:

DRAWINGS:

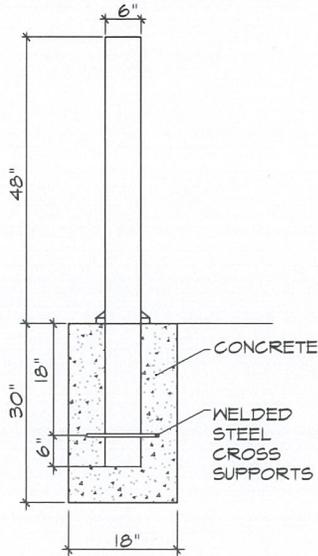
- Sketch AD3-LP1
- Sketch AD3-S1
- Sketch AD3-S2
- Sketch AD3-S3
- Sketch AD3-S4
- Sketch AD3-S5
- Sketch AD3-S6
- Sketch AD3-S7

End of Addendum

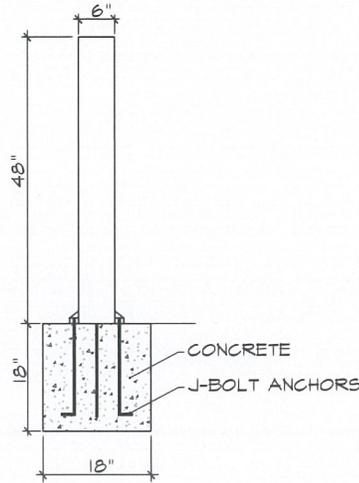
BLS LIGHTED SECURITY BOLLARD



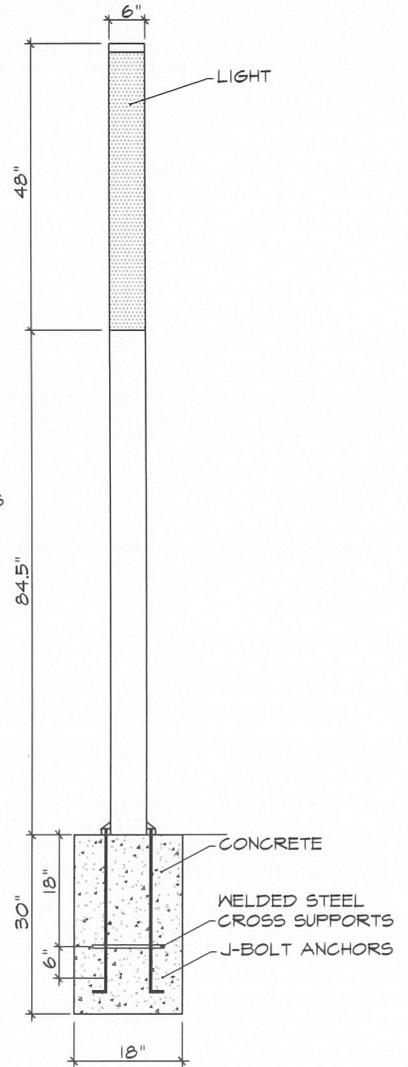
BS SECURITY BOLLARD



B BOLLARD



LP POLE LIGHT



Note:
 Bollard type BLS is specified within the lighting fixture schedule, type BL as indicated on Sheet E0.02. Bollard types BS and B as indicated on LP6.00 shall match the bollard indicated on E0.02 (manufacturer, material, etc.), without the electrical components.

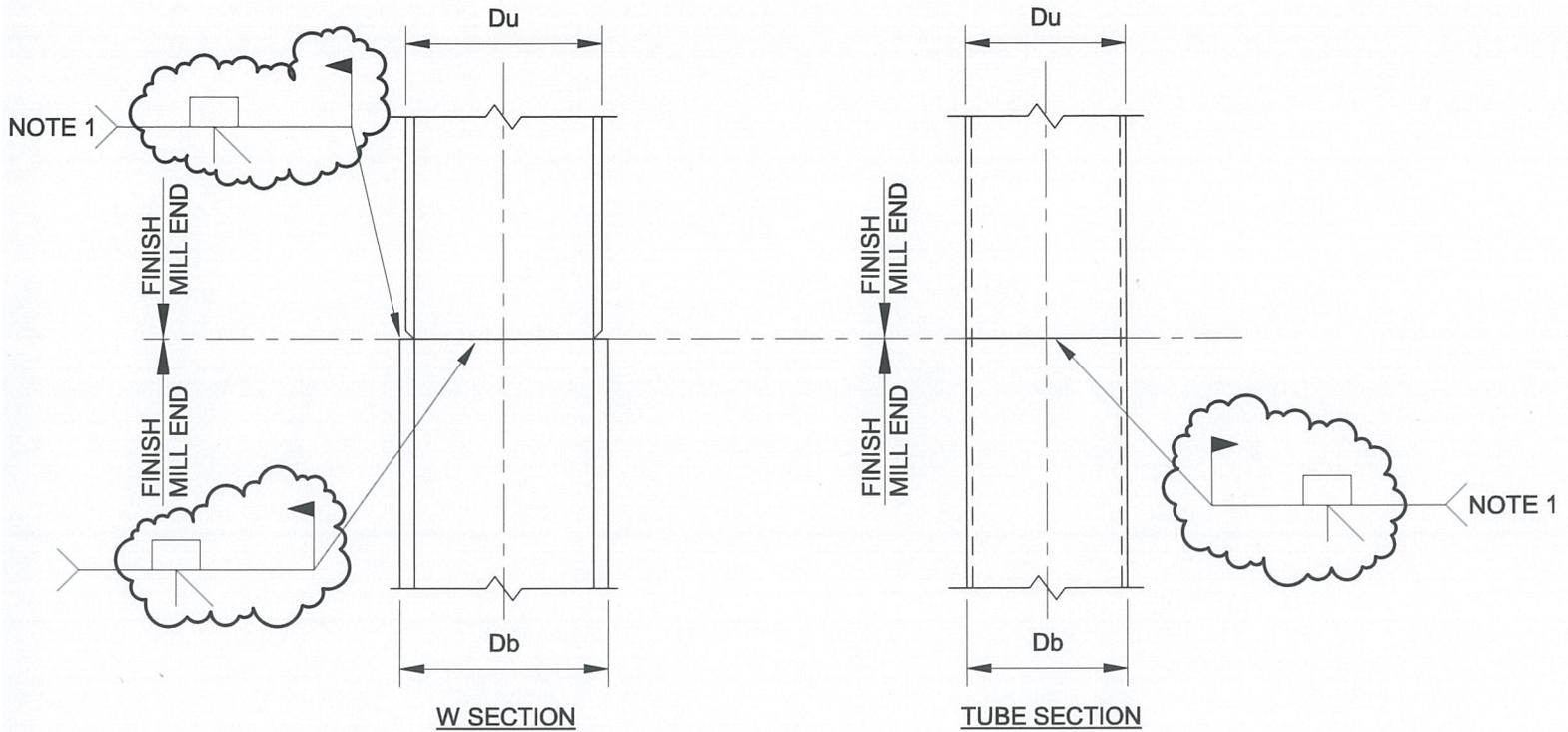
3 Bollard and Light Pole Foundations
 LP6.00 Not to Scale

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MASTER PLAN PHASE II - RENOVATIONS & NEW ADDITIONS TO LAFAYETTE HALL

SHEET TITLE

AD3-LP1



NOTES:

1. COLUMN SPLICE WELDED CONNECTION TO PROVIDE FULL MOMENT CAPACITY OF UPPER COLUMNS.
2. DEPTH OF D_u AND D_b NOMINALLY THE SAME.
3. PROVIDE ADDITIONAL STEEL AS REQUIRED TO STABILIZE COLUMN DURING ERECTION. REMOVE AS REQUIRED FOR ARCHITECTURAL FINISH.

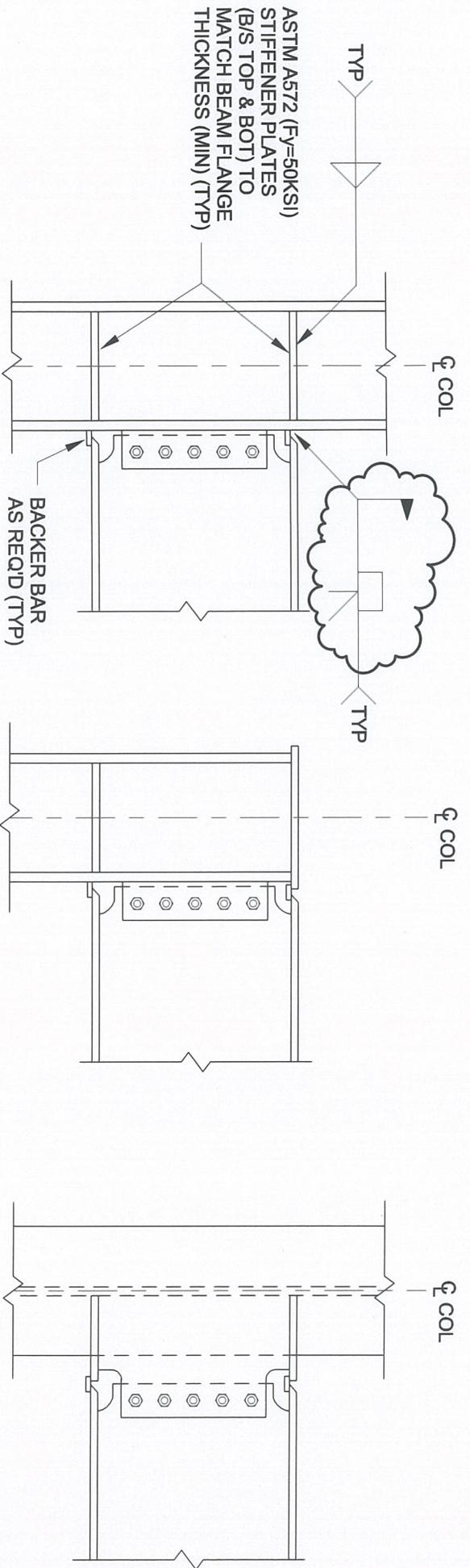
2 **BRACED FRAME COLUMN SPLICE DETAIL**
S4.01 NOT TO SCALE

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**MASTER PLAN PHASE II - RENOVATIONS & NEW
 ADDITIONS TO LAFAYETTE HALL**

BRACED FRAME COLUMN SPLICE DETAIL

AD3-S1



NOTES:

1. MOMENT CONNECTIONS TO DEVELOP FULL BENDING AND SHEAR STRENGTH OF BEAM OR GIRDER AND DEVELOP ALL CONNECTION FORCES INDICATED, UN ON PLAN.
2. WEB DOUBLER PLATES ARE NOT REQUIRED.

6
S4.01

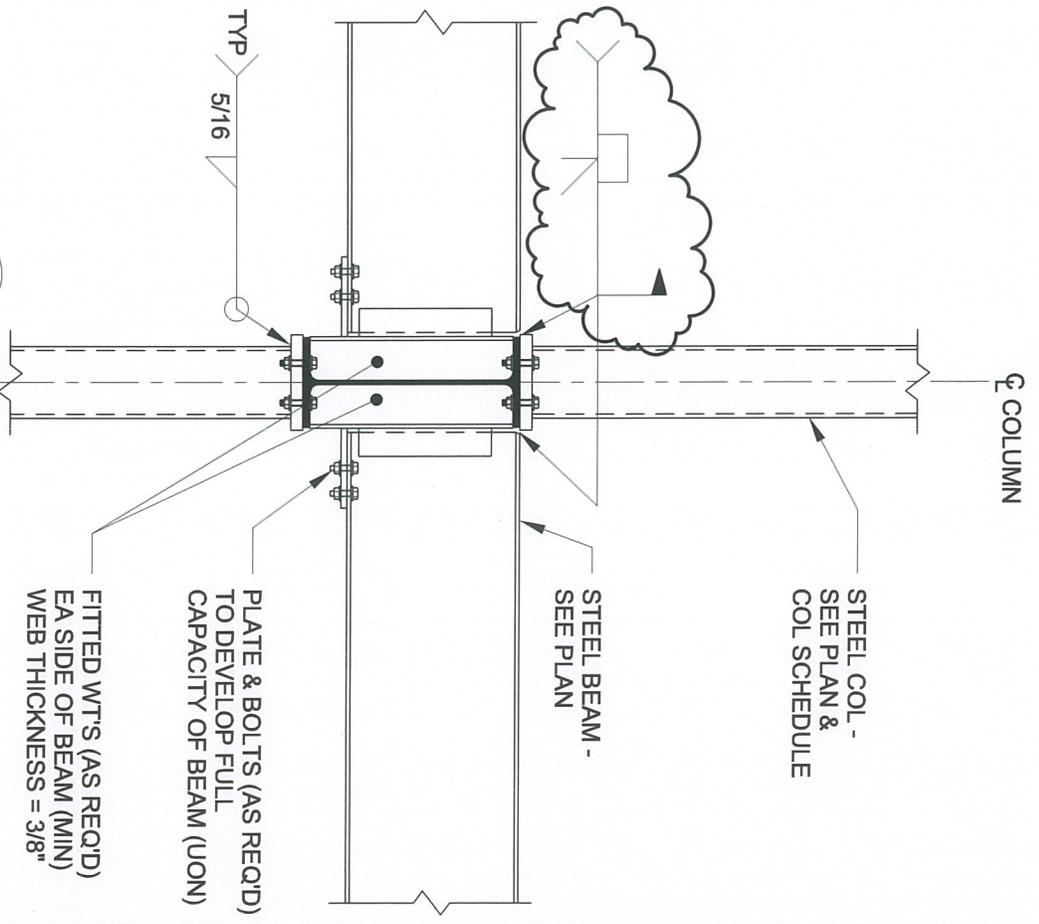
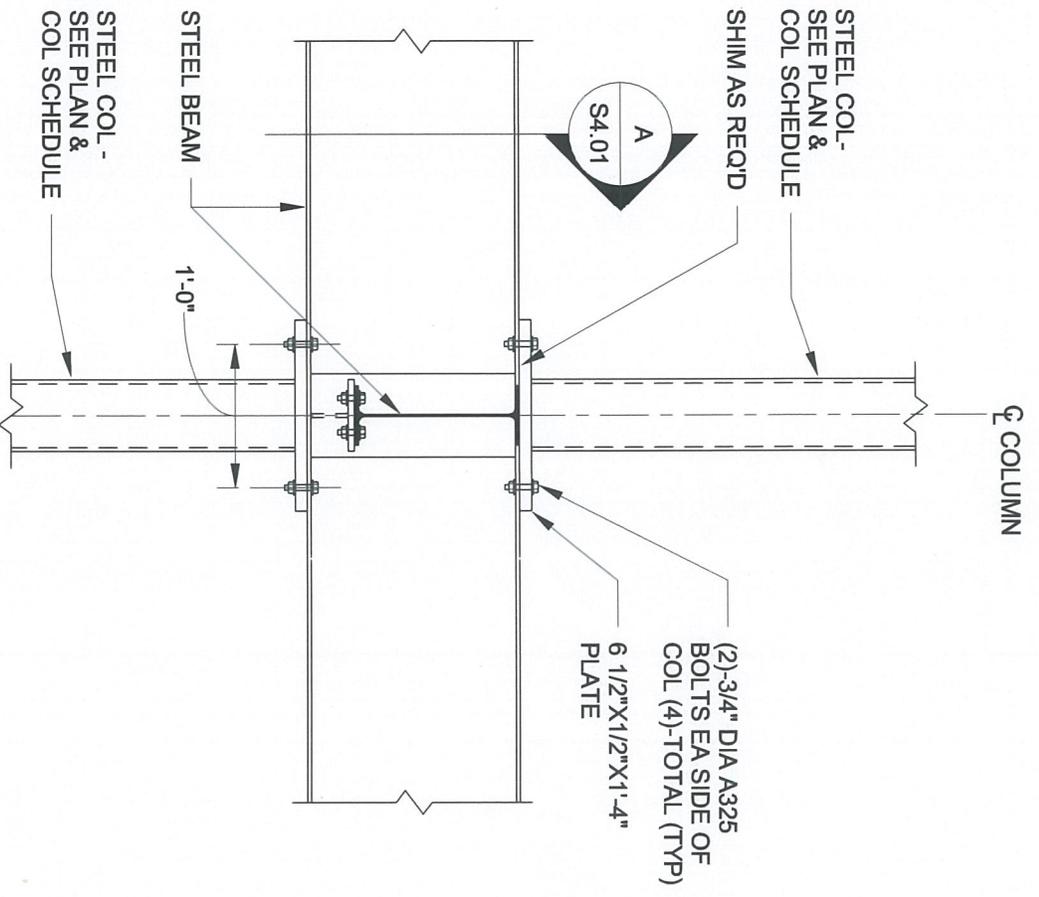
TYPICAL BEAM-TO-COLUMN MOMENT CONNECTION DETAILS

NOT TO SCALE

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**MASTER PLAN PHASE II - RENOVATIONS & NEW
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TYPICAL BEAM TO COLUMN MOMENT CONNECTION DETAILS

AD3-S2



8
TYPICAL CONNECTION FOR MOMENT FRAMES WITH TUBE COLUMNS
S4.01 NOT TO SCALE

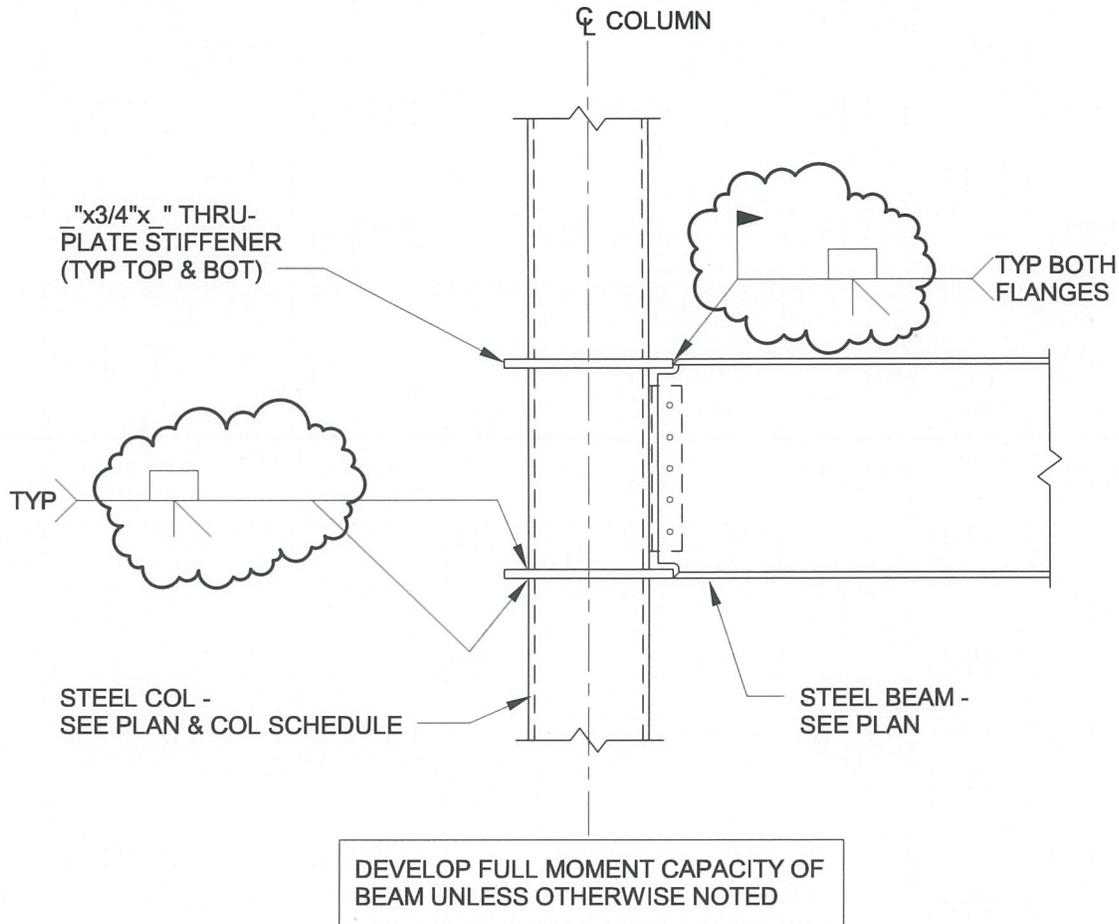
TYPICAL CONNECTION FOR MOMENT FRAMES WITH TUBE COLUMNS

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**MASTER PLAN PHASE II - RENOVATIONS & NEW
 ADDITIONS TO LAFAYETTE HALL**

DCS PROJECT # BUC24-45 DATE 04/27/15 DRAWN BY JMM SCALE NOT TO SCALE REVISION TO S4.01 PREPARED BY TMB
 AEA PROJECT # Project Number

AMENTA | EMMA
 ARCHITECTS

AD3-S3



9
TYPICAL CONNECTION FOR MOMENT FRAMES WITH TUBE COLUMNS
S4.01 NOT TO SCALE

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MASTER PLAN PHASE II - RENOVATIONS & NEW
ADDITIONS TO LAFAYETTE HALL

TYPICAL CONNECTION FOR MOMENT FRAMES WITH TUBE
COLUMNS

AD3-S4

COLUMN BASE PLATE SCHEDULE

MARK	BP-6	BP-7	BP-8	BP-9
DETAIL				
BP THICKNESS	1"	2"	1 1/2"	1 1/2"

COLUMN BASE PLATE SCHEDULE
NOT TO SCALE

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MASTER PLAN PHASE II - RENOVATIONS & NEW
ADDITIONS TO LAFAYETTE HALL

COLUMN BASE PLATE SCHEDULE

AD3-S6

COLUMN BASE PLATE SCHEDULE

MARK	BP-10	BP-11	BP-12	BP-13	BP-14
DETAIL					
BP THICKNESS	1"				

COLUMN BASE PLATE SCHEDULE

NOT TO SCALE

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ADDITIONS TO LAFAYETTE HALL

COLUMN BASE PLATE SCHEDULE

AD3-S7

AMENTAL|EMMA

ARCHITECTS