MUSC MEDICAL UNIVERSITY of SOUTH CAROLINA	**Medical University of South Carolina** **Amendment 3**	Solicitation Number Date Printed Date Issued Procurement Officer Phone E-Mail Address	Q191100ADD January 3, 2019 January 3, 2019 Angie DeVeaux 843-792-2389 deveauan@musc.edu

DESCRIPTION: **Fabricate and Install Steel Beam-W8x18**
USING GOVERNMENTAL UNIT: Medical University of South Carolina

The Term "Offer" Means Your "Bid" or "Proposal".

SUBMIT OFFER BY (Opening Date/Time): **January 22, 2019 @ 10:00PM(EST)** **(Local) See "Deadline for Submission of Offer" provision**

QUOTATIONS MAY BE FAXED TO: 843-792-3884

QUESTIONS **MUST** BE RECEIVED BY: **January 16, 2019 @ 10:00AM(EST) See "Questions From Offeror" provision**

NUMBER OF COPIES TO BE SUBMITTED: **One COPY**

SUBMIT YOUR OFFER TO THE FOLLOWING ADDRESS:

PHYSICAL ADDRESS:
Medical University of South Carolina
University Purchasing
19 Hagood Avenue, Suite 408
Charleston, SC 29425

See "Submitting Your Offer" provision

CONFERENCE TYPE: **Site Visit(Not Mandatory)** DATE & TIME: **January 15, 2019 at 10:00am(EST)** **Please bring your certificate of insurance.** **As appropriate, see "Conferences - Pre-Bid/Proposal" & "Site Visit" provisions**	LOCATION: **MUSC Engineering & Facilities** **2nd floor Room PG203B Small conference room** **97 Johnathan Lucas Street Charleston, SC 29425**
AWARD & AMENDMENTS	Award will be posted at the Physical Address stated above on **01/22/19.** The award, this solicitation, and any amendments will be posted at the following web address: https://web.musc.edu/about/leadership/institutional-offices/finance/vendor-portal/solicitations

You **must** submit a signed copy of this form with Your Offer. By submitting a bid or proposal, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date.

NAME OF OFFEROR (Full legal name of business submitting the offer)	OFFEROR'S TYPE OF ENTITY: (Check one) ☐ Sole Proprietorship ☐ Partnership ☐ Corporation (tax-exempt) ☐ Corporate entity (not tax-exempt) ☐ Government entity (federal, state, or local) ☐ Other _____
AUTHORIZED SIGNATURE (Person signing **must** be authorized to submit binding offer to enter contract on behalf of Offeror named above.)	
TITLE (Business title of person signing above)	
PRINTED NAME (Printed name of person signing above) / DATE SIGNED	

Instructions regarding Offeror's name: Any award issued will be issued to, and the contract will be formed with, the entity identified as the offeror above. An offer may be submitted by only one legal entity. The entity named as the offeror **must** be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, *i.e.*, a separate corporation, partnership, sole proprietorship, etc.

STATE OF INCORPORATION (If offeror is a corporation, identify the state of Incorporation.)	
TAXPAYER IDENTIFICATION NO. (See "Taxpayer Identification Number" provision)	.

COVER PAGE MMO (JAN. 2006)

PAGE TWO

(Return Page Two with Your Offer)

HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause) _____ Area Code - Number - Extension Facsimile _____ E-mail Address
PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause) ____Payment Address same as Home Office Address ____Payment Address same as Notice Address **(check only one)**	ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses) ____Order Address same as Home Office Address ____Order Address same as Notice Address **(check only one)**

ACKNOWLEDGMENT OF AMENDMENTS

Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue. (See "Amendments to Solicitation" Provision)

Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date

DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)	10 Calendar Days (%)	20 Calendar Days (%)	30 Calendar Days (%)	_____Calendar Days (%)

PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences. ***ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT.*** **VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES.** [11-35-1524(E)(4)&(6)]

PREFERENCES - ADDRESS AND PHONE OF IN-STATE OFFICE: Please provide the address and phone number for your in-state office in the space provided below. An in-state office is necessary to claim either the Resident Vendor Preference (11-35-1524(C)(1)(i)&(ii)) or the Resident Contractor Preference (11-35-1524(C)(1)(iii)). Accordingly, you must provide this information to qualify for the preference. An in-state office is not required, but can be beneficial, if you are claiming the Resident Subcontractor Preference (11-35-1524(D)).

____ In-State Office Address same as Home Office Address
____ In-State Office Address same as Notice Address (check onlyone)

AMENDMENTS TO SOLICITATION (JAN 2004): (a) The Solicitation may be amended at any time prior to opening. All actual and prospective Offerors should monitor the following web site for the issuance of Amendments: http://academicdepartments.musc.edu/vpfa/finance/purchasingap/index.htm Vendors Toolkit Solicitation (b) Offerors shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date in the space provided for this purpose on Page Two, (3) by letter, or (4) by submitting a bid that indicates in some way that the bidder received the amendment. (c) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.[02-2A005-1]

Questions and Answers:

1. Will we allowed to utilize a fork lift in that area?

   Not inside the building but on sidewalks or roadways that are wide enough to accommodate the forklift.

2. What is the duration time once purchase order is cut

   All work must be completed by April 1, 2019

3. If the beam doesn't fist directly underneath the existing beam is there an alternate detail for he hanger?

   See attached updated drawing revised 01/17/2019
   - **S201 sheet 3 and S202 sheet 4 revised 01/17/2019 alternatives on hangers**
   - **S201 sheet 3 revised 01/17/2019 for splice instructions**

4. If testing or inspection of the welds to be conducted we will not be responsible for the this cost correct.

   - **All welding must be done according to American Welding Society standards of quality, AWS D1.1. as per Drawing Field Welding Note #1, Sheet 1.**
   - **If required by owner, Third party inspections will be paid for by the owner (as per Drawing Field Welding Note #1, Sheet 10)**

5. Are the shop drawings required to be stamped?

   They do not need to be signed and sealed and they need to be submitted for review and approval prior to fabrication.

6. Will MUSC be allocating parking spaces for at least two spaces for vehicles for the duration of this project?

   Parking can be arranged for 2 vehicles

STRUCTURAL ABBREVIATIONS

AB	A. BOLT
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
ALT	ALTERNATE
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT
B/	BOTTOM OF
BLDG	BUILDING
BM	BEAM
BOT	BOTTOM
BRDG	BRIDGING
BRG	BEARING
BLK	BLOCK
BTWN	BETWEEN
CANT	CANTILEVER
C/C	CENTER TO CENTER
CHAM	CHAMFER
CIRC	CIRCULAR
CJ	CONTROL JOINT
CLR	CLEAR
CMU	CONCRETE MASONRY UNITS
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONX	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CTRD	CENTERED
D	DEPTH
DBL	DOUBLE
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DWGS	DRAWINGS
E	EAST
EA	EACH
EB	EXPANSION BOLT
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATOR
EMBED	EMBEDMENT
ENGR	ENGINEER
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ES	EACH SIDE
EW	EACH WAY
EXP	EXPANSION
EXIST	EXISTING
EXT	EXTERIOR
FC	FILLED CELL
FF	FINISHED FLOOR
FIN	FINISH
FLR	FLOOR
FDN	FOUNDATION
FRG	FRAMING
FT	FEET
FTG	FOOTING
FV	FIELD VERIFY
GALV	GALVANIZED
GA	GAUGE
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
HSB	HIGH STRENGTH BOLT
HT	HEIGHT
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH
INCL	INCLUDE, ING
INT	INTERIOR
LB	POUND
LG	LONG
LL	LIVE LOAD
LLBB	LONG LEG BACK TO BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LSL	LONG SLOTTED HOLES
LT	LIGHT
LTWT	LIGHTWEIGHT
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MASONRY JOINT
MO	MASONRY OPENING
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER NOM NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
O/O	OUT TO OUT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OW	OPEN WEB
PAF	POWDER ACTUATED FASTENER
PL	PLATE
PLF	POUNDS PER LINEAL FOOT
PROJ	PROJECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
RAD	RADIUS
REF	REFERENCE
REINF	REINFORCEMENT
RET	RETURN
REV	REVISION
RP	RADIUS POINT
RT	RIGHT
RTU	ROOF TOP UNIT
S	SOUTH
SA	SLEEVE ANCHOR
SB	SLAB BOLSTER
SCHED	SCHEDULE
SECT	SECTION
SF	STEP FOOTING
SIM	SIMILAR
SPEC	SPECIFICATIONS
SP	SPACING,ES
SQ	SQUARE
SSL	SHORT SLOTTED HOLES
SS	STAINLESS STEEL
STD	STANDARD
STIFF	STIFFENERS
STL	STEEL
STRL	STRUCTURAL
SYMM	SYMMETRICAL
T/	TOP OF
TB	TIE BEAM
TC	TIE COLUMN
TCX	TOP CHORD EXTENSION
T&B	TOP AND BOTTOM
TEMP	TEMPORARY
TRAN	TRANSVERSE
TS	TUBE STEEL
TYP	TYPICAL
TD	PRESSURE TREATED
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WEST
WTH	WIDTH
W/	WITH
W/O	WITHOUT
WP	WORK POINT
WS	WATERSTOP
WT	WEIGHT
WWF	WELDED WIRE FABRIC

STRUCTURAL DESIGN CRITERIA

1. GRAVITY LOAD DESIGN VALUES: IBC–2015/ ASCE 7–10

   LIVE LOADS:

OFFICES	50–PSF
CORRIDOR	80–PSF
FOLDING PARTITION DOOR	125–LB/LF MAX WEIGHT

   SEE PLAN FOR ADDITIONAL FLOOR AND ROOF LIVE LOAD LOADING REQUIREMENTS.

   DEAD LOADS:
   ACTUAL MATERIAL WEIGHTS

   SOIL BEARING PRESSURE, (ALLOWABLE): PILE FOUNDATION (EXISTING, ASSUMED)

2. SEISMIC DESIGN VALUES: IBC–2015/ ASCE 7–10
   Ss = 1.126g, Sds = 0.788g
   S1 = 0.358g, Sd1 = 0.402g
   SITE CLASS: "D"
   BUILDING CATEGORY: "III"
   SEISMIC DESIGN CATEGORY: "D"
   SEISMIC FORCE RESISTING SYSTEM (EXISTING CHP BUILDING): ASCE 7–10
   SPECIALLY REINFORCED CONCRETE SHEAR WALLS (EXISTING, ASSUMED)
   R = 6 (EXISTING SYSTEM, ASSUMED)
   Cd = 5 (EXISTING SYSTEM, ASSUMED)
   I = 1.25 (EXISTING SYSTEM, ASSUMED)
   TL – 8.0 (EXISTING SYSTEM, ASSUMED)
   Cs = .164 (EXISTING SYSTEM, ASSUMED)

   SEISMIC FORCE ON NONSTRUCTURAL COMPONENT (FOLDING PARTITION DOOR): ASCE 7–10 (CHAPTER 13&15)
   FOLDING PARTITION DOOR
   Rp = 2.5
   ap = 1.0
   Ip = 1.5
   Fp = 2.24 KIPS

3. WIND LOAD DESIGN VALUES: IBC–2015 (MWFRS)/ ASCE 7–10 (MWFRS)
   V(ult) = 158 mph (3–sec gust) (MWFRS)
   EXPOSURE CATEGORY: "B"
   BUILDING CATEGORY: "III"
   I = 1.00
   GCpi = +/–.18
   q(ult) = 44.0 – PSF qi(ult) = 7.9 – PSF

GENERAL NOTES:

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND DRAWINGS RELATING TO OTHER TRADES. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND COORDINATING DIMENSIONS, CLEARANCES, ETC. WITH THE WORK OF OTHER TRADES. IN CASE OF CONFLICT BETWEEN DRAWINGS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
2. IN CASE OF CONFLICT BETWEEN THE DRAWINGS, NOTES AND SPECIFICATIONS, THE SPECIFICATIONS SHALL GOVERN.
3. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
4. REVIEW ALL PROJECT DOCUMENTS PRIOR TO FABRICATION AND START OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO A/E PRIOR TO PROCEEDING WITH WORK.
5. IT IS THE PRIME CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE DURING CONSTRUCTION.
6. COORDINATE STRUCTURAL AND OTHER DRAWINGS THAT ARE PART OF THE CONTRACT DOCUMENTS FOR ANCHORED, EMBEDDED OR SUPPORTED ITEMS WHICH MAY AFFECT THE STRUCTURAL DRAWINGS.
7. ALL DETAILS AND SECTIONS ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT EXCEPT WHERE A SEPARATE DETAIL IS SHOWN.
9. USE OF CONTRACT DRAWINGS REPRODUCED IN WHILE OR ANY PART IN SHOP DRAWING SHALL NOT RELIEVE THE CONTRACTOR OR SUBCONTRACTORS FROM THEIR RESPONSIBILITY TO ACCURATELY LAYOUT, COORDINATE, DETAIL, FABRICATE AND INSTALL A COMPLETE STRUCTURE.
10. REVIEW ALL SHOP DRAWINGS FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS AND FOR COMPLETENESS AND ANSWER ALL CONTRACTOR RELATED QUESTIONS. STAMP AND INITIAL ALL SHEETS PRIOR TO SUBMITTING SHOP DRAWINGS TO OR A/E FOR REVIEW.

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, CURRENT EDITION, OF THE A.I.S.C.
2. WELDS, BOTH SHOP AND FIELD, SHALL CONFORM TO THE A.W.S SPECIFICATIONS. ALL WELDS SHALL BE DONE WITH E–70 ELECTRODES
4. STRUCTURAL STEEL SHOP DRAWINGS ARE REQUIRED AND SHALL BE SUBMITTED TO THE A/E FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL NOT BE A REPRODUCTION OF THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS AND SUBMITTALS "APPROVED" PRIOR TO SUBMITTING TO ARCHITECT FOR REVIEW.
5. (NOTE NOT USED.)
6. STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATION (U.N.O.):

WIDE FLANGES, STRUCTURAL TIES	ASTM A992, FY=50 KSI
ANGLES, PLATES, MISC. STEEL	ASTM A36, FY=36 KSI
THRD'D RODS	ASTM A36, FY=36 KSI
TUBES/HSS	ASTM A500,GRADE B
PIPES	ASTM A53, TYPE E OR S,
ANCHOR BOLTS	ASTM A449
HIGH STRENGTH BOLTS	ASTM A325 TYPE 1

7. PROVIDE STIFFENER PLATES ON EACH SIDE OF WEB, BEAM OR GIRDER AT POINTS OF CONCENTRATED LOADS. MINIMUM STIFFENER PLATE THICKNESS SHALL BE 1/2" OR FLANGE THICKNESS OF SUPPORTING MEMBER, WHICHEVER IS GREATER, U.N.O.
8. PROVIDE TEMPORARY BRACING OR GUYS TO PROVIDE LATERAL SUPPORT UNTIL PERMANENT LATERAL BRACING IS INSTALLED.
9. THE PRIME CONTRACTOR SHALL PROVIDE WEB REINFORCEMENT AT OPENINGS IN STEEL BEAMS AND GIRDERS FOR MECHANICAL AND ELECTRICAL PENETRATIONS IF INDICATED ON MECHANICAL, STRUCTURAL OR ELECTRICAL DRAWINGS. ALL OPENINGS SHALL BE LOCATED AT THE CENTER OF THE BEAM WEB DEPTH.
10. THE PRIME CONTRACTOR SHALL COORDINATE THE BOTTOM OF BASE PLATE ELEVATION WITH THE TOP OF CONCRETE ELEVATION. IN CASE OF CONFLICT, THE CONTRACTOR SHALL MAKE ALLOWANCE IN HIS BID FOR THE MORE STRINGENT REQUIREMENT.
11. CUTS, HOLES, COPING, ETC. REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON THE SHOP DRAWINGS AND MADE IN THE SHOP. CUTS OR BURNING HOLES IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED.
12. ALL STEEL DETAILS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE AISC SPECIFICATIONS (LATEST EDITION), INCLUDING ALL SUPPLEMENTS AND REVISIONS.
13. SHOP CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS MAY BE WELDED OR BOLTED UPON APPROVAL OF THE A/E. FIELD CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWING SHALL BE BOLTED UPON APPROVAL OF THE A/E.
14. BEAM CONNECTIONS SHALL BE 3/4" DIAMETER A325 TYPE CONNECTION BOLT UNLESS OTHERWISE NOTED. ALL BEAM AND GIRDER CONNECTIONS, UNLESS SHOWN OTHERWISE, SHALL BE AT LEAST CAPABLE OF DEVELOPING THE UNIFORMLY DISTRIBUTED LOADING CAPACITY OF MEMBER OF ITS SPAN AS PER AISC MANUAL OF STEEL CONSTRUCTION (LATEST EDITION).
15. ALTERNATE CONNECTION DETAILS MAY BE USED IF SUCH DETAILS ARE SUBMITTED TO THE A/E FOR REVIEW AND ACCEPTANCE IS GRANTED. HOWEVER, THE A/E SHALL BE THE SOLE JUDGE OF ACCEPTABILITY AND THE PRIME CONTRACTOR'S BID SHALL ANTICIPATE THE USE OF THESE SPECIFIC DETAILS SHOWN ON THE DRAWINGS. IN ANY EVENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF SUCH ALTERNATE DETAILS WHICH HE PROPOSES.
16. FOR LOCATION OF LINTELS, SEE ARCHITECTURAL DRAWINGS. FOR SIZE OF LINTELS, SEE SCHEDULE. HUNG LINTELS SHALL BE PROVIDED AND INSTALLED BY STRUCTURAL STEEL CONTRACTOR. LOOSE LINTELS SHALL BE SUPPLIED AND INSTALLED BY MISCELLANEOUS IRON AND STEEL CONTRACTOR.
17. STEEL FABRICATOR SHALL SUPPLY ANCHOR BOLT LOCATION DRAWINGS.
18. BOTTOMS OF ALL COLUMNS SHALL BE MILLED.
19. FILLET WELD SIZES NOT CALLED OUT HEREIN SHALL BE 3/16" MINIMUM.

FIELD WELDING:

1. ALL FIELD WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 STRUCTURAL WELDING CODE (LATEST EDITION)
2. WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS. CONTRACTOR SHALL SUBMIT WELDING CERTIFICATES FOR APPROVAL.
3. ALL WELDING ELECTRODES SHALL SHALL BE E70 WITH A MINIMUM YIELD STRENGTH OF 58KSI, MINIMUM TENSILE STRENGTH OF 70 KSI, AND MINIMUM ELONGATION OF 22% IN ACCORDANCE WITH AWS A5.
4. FIELD WELDING SHALL BE SHOWN ON ERECTION DRAWINGS.
5. REPAIR ALL DAMAGED PRIMER AT ADJACENT AREAS AFTER WELD INSPECTION IS COMPLETE.
6. MINIMUM WELD FOR FRAMING AND MISCELLANEOUS STEEL SHALL BE 3/16" FILLET WELD ALL AROUND UNLESS NOTED OTHERWISE.
7. ALL WELD FILLER METAL SHALL HAVE A MINIMUM CVN TOUGHNESS OF 20 FT–LBS AT MINUS 10 DEGREES FAHRENHEIT AND 40 FT–LB AT 70° FAHRENHEIT.
8. THE PRIME CONTRACTOR SHALL SCHEDULE WELD TESTING AND INSPECTION SUCH THAT REPORTS MAY BE REVIEWED BY THE EOR AND APPROVAL OR RECOMMENDATION FOR FURTHER TESTING OR REMEDIAL ACTION MAY BE MADE WHILE WELDS ARE STILL ACCESSIBLE.
9. SUBCONTRACTOR SHALL SUBMIT DETAIL WELD PROCEDURE FOR EACH TYPE OF WELD TO BE COMPLETED. INFORMATION SHALL BE MADE AVAILABLE TO THE WELD INSPECTOR.
10. TESTING AND INSPECTION OF FIELD WELDS SHALL BE CONDUCTED BY AN INDEPENDENT TESTING AGENCY (COMMISSIONED BY THE OWNER) IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

GENERAL NOTE:

THE G.C. SHALL FIELD VERIFY ALL EXISTING STEEL ELEVATIONS AND DIMENSIONS

THE G.C. SHALL COORD. NEW EQUIPMENT LAYOUT W/ EXISTING STEEL.

THE G.C. SHALL COORD. FOLDING PARTITION DOOR EQUIPMENT LAYOUT AND ATTACHMENT TO NEW STEEL PRIOR TO STEEL FABRICATION.

ALL ITEMS SHALL BE VERIFIED PRIOR TO NEW STEEL FABRICATION.

CONTRACTOR NOTE:

THE G.C. SHALL PROVIDE TOUCH UP COATINGS AS REQUIRED AT LOCATIONS OF SCRATCHES, WELDS AND ANY OTHER DAMAGED OR UNCOATED AREA DUE TO A CONNECTION, OR CONTACT WITH AN ALTERNATE MATERIAL, ETC..

THE G.C. SHALL REPLACE FIREPROOFING AS REQUIRED AT LOCATIONS OF FIREPROOFING REMOVAL FOR THE INSTALLATION OF NEW FRAMING.

NEW FIRE PROOFING SHALL MATCH EXISTING ADJACENT

CONSTRUCTION DOCUMENTS

MUSC CHP
Charleston, South Carolina

MUSC CHP 1ST FLOOR FOLDING PARTITION DOOR (ROOM 105)

CHARLESTON
SOUTH CAROLINA

SOUTH CAROLINA
ADC ENGINEERING INC.
No. 00253
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
No. 28196
REGISTERED PROFESSIONAL ENGINEER
CHRISTOPHER J. GILGER

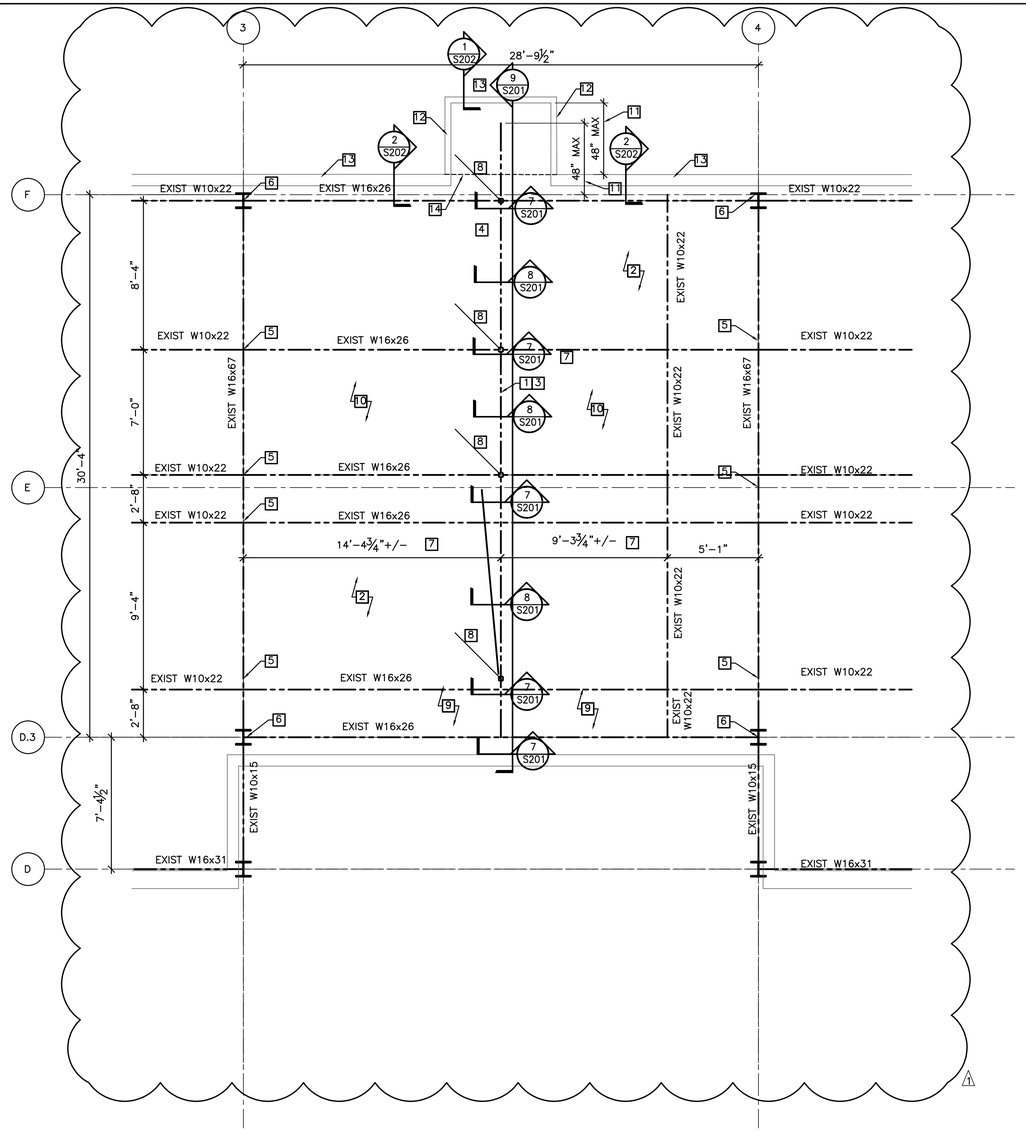
ADC
ENGINEERING SPECIALISTS
SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

DATE:	4-27-2018
ADC PROJECT #:	18026.0
DESIGNED:	CJG
CHECKED:	CJG
DRAWN:	VG
REVISION:	

GENERAL NOTES AND DESIGN CRITERIA

S000

SHEET 1 OF 4



1 S101 SECOND FLOOR FRAMING PLAN

SCALE: 1/4"=1'-0"

DRAWING NOTES:

APPLY TO THIS DRAWINGS ONLY

1. NEW W8x18, CONT.
2. EXISTING SLAB ABOVE
3. MAXIMUM DOOR WEIGHT = 125-LBS/FT
4. DOOR TO STACK IN THIS LOCATION. IF OWNER WANTS ALTERNATE LOCATION, NOTIFY EOR SO ALTERNATE PLAN MAY BE PROVIDED.
5. PROVIDE ADDITIONAL WELD @ CONNECTION OF EXISTING BEAM TO EXISTING BEAM PER TYPICAL DETAIL 1/S201.
6. PROVIDE ADDITIONAL WELD @ CONNECTION OF EXISTING BEAM TO EXISTING COLUMN PER TYPICAL DETAIL 4/S201.
7. G.C. TO COORDINATE WITH OWNER FOR EXACT DOOR LOCATION.
8. HSS 3x3x1/4 HANGER.
9. G.C. TO REMOVE AND REPLACE GYP. CEILING AS REQUIRED. REPLACE TO MATCH EXISTING ADJACENT.
10. G.C. TO REMOVE AND REPLACE DROP CEILING. REPLACE TO MATCH EXISTING ADJACENT.
11. G.C. TO COORDINATE W/ DOOR SUPPLIER.
12. 362S162x20GA METAL STUDS @ 16"o.c.
13. INFILL METAL STUD FRAMING W/ 362S162x20GA STUDS @ 16"o.c.
14. G.C. SHALL MOVE CONDUIT & WIRING SO AS NOT TO INTERFERE W/ NEW BEAM & DOOR. G.C. TO FIELD LOCATE NEW CONDUIT & EXTENT.

ELEVATIONS:

T/1ST FLOOR SLAB	=	0'-0"
T/DOOR	=	9'-8½" ±
B/NEW BEAM (W8x18)	=	10'-3" ±
B/EXISTING CONDUIT	=	10'-11¼" ± G.C. TO F.V.
T/EXISTING W16x26	=	15'-1¼" ± G.C. TO F.V.

MUSCH CHP
Charleston, South Carolina

MUSC CHP 1ST FLOOR FOLDING PARTITION DOOR (ROOM 105)

CHARLESTON
SOUTH CAROLINA

SOUTH CAROLINA ADC ENGINEERING INC. No. 00253 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA No. 28196 REGISTERED PROFESSIONAL ENGINEER CHRISTOPHER J. GLIGER

ENGINEERING SPECIALISTS
SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

DATE:	4-27-2018
ADC PROJECT #:	18026.0
DESIGNED:	CJG
CHECKED:	CJG
DRAWN:	VG
REVISION:	

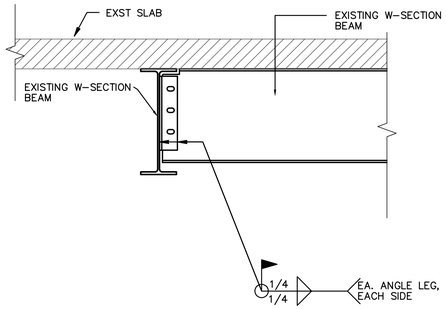
1 REVISED 09.10.2018

SECOND FLOOR FRAMING PLAN

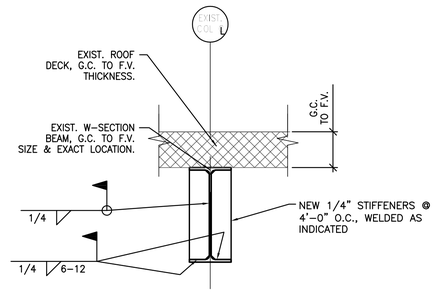
S101

SHEET 2 OF 4

NOTE:
G.C. TO VERIFY CONNECTION IS MINIMUM 3/8" TAB PLATE, W/ 3-3/4" A325 STD. BOLTS. IF CONNECTION IS NOT AS INDICATED, NOTIFY A/E FOR ALTERNATE CONNECTION. G.C. TO PROVIDE ALLOWANCE IN BID OF $2000.00 PER CONNECTION FOR ALTERNATE CONNECTION

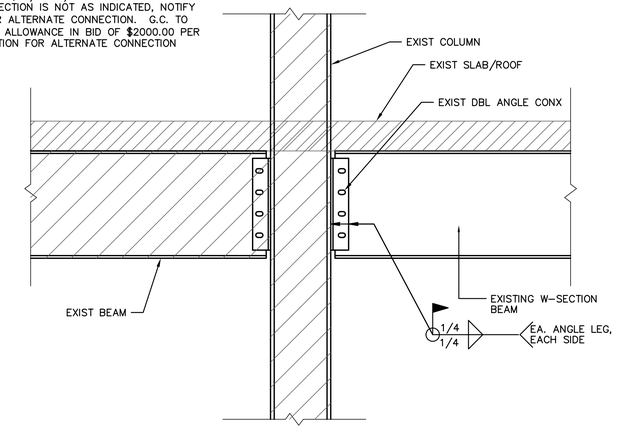


1 S201 SECTION (TYPICAL)
SCALE: 1"=1'-0"

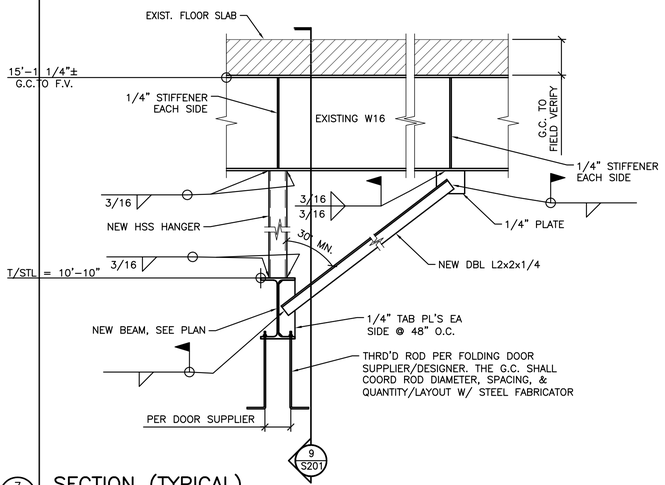


2 S201 SECTION (TYPICAL)
SCALE: 1"=1'-0"

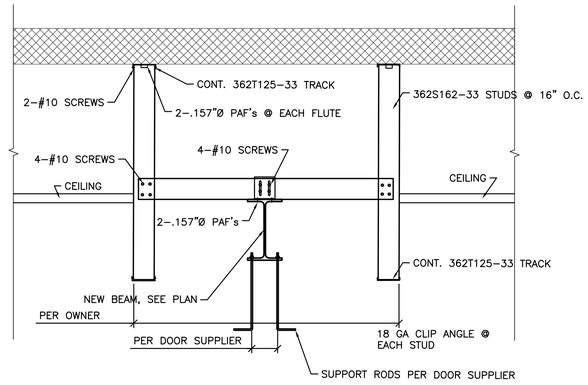
NOTE:
G.C. TO VERIFT CONNECTION IS MINIMUM 3/8" TAB PLATE, W/ 4-3/4" A325 STD. BOLTS. IF CONNECTION IS NOT AS INDICATED, NOTIFY A/E FOR ALTERNATE CONNECTION. G.C. TO PROVIDE ALLOWANCE IN BID OF $2000.00 PER CONNECTION FOR ALTERNATE CONNECTION



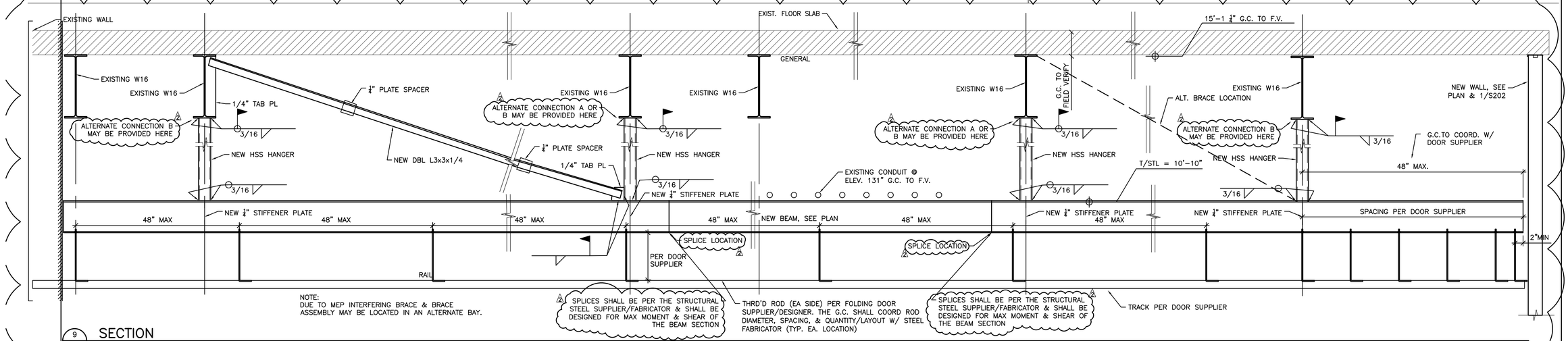
4 S201 SECTION (TYPICAL)
SCALE: 1"=1'-0"



7 S201 SECTION (TYPICAL)
SCALE: 1"=1'-0"



8 S201 SECTION (TYPICAL)
SCALE: 1"=1'-0"



9 S201 SECTION
SCALE: 1"=1'-0"

MUSCH CHP
Charleston, South Carolina

MUSC CHP 1ST FLOOR FOLDING PARTITION DOOR (ROOM 105)

CHARLESTON
SOUTH CAROLINA

SOUTH CAROLINA
CERTIFICATE OF AUTHORIZATION
ADC ENGINEERING INC.
No. 00253

SOUTH CAROLINA
REGISTERED
No. 28196
PROFESSIONAL ENGINEER
CHRISTOPHER J. GLOVER

ENGINEERING SPECIALISTS
SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

DATE:	4-27-2018
ADC PROJECT #:	18026.0
DESIGNED:	CJG
CHECKED:	CJG
DRAWN:	VG
REVISION:	

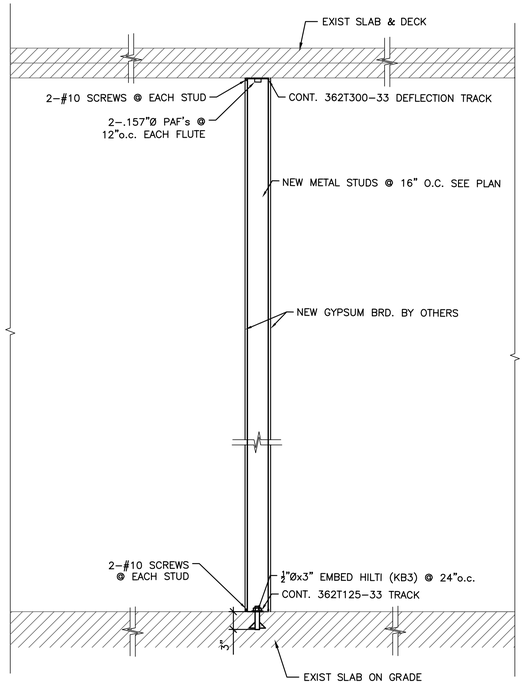
1 REVISED 09.10.2018
2 REVISED 01.17.2019

TYPICAL SECTIONS AND DETAILS

S201

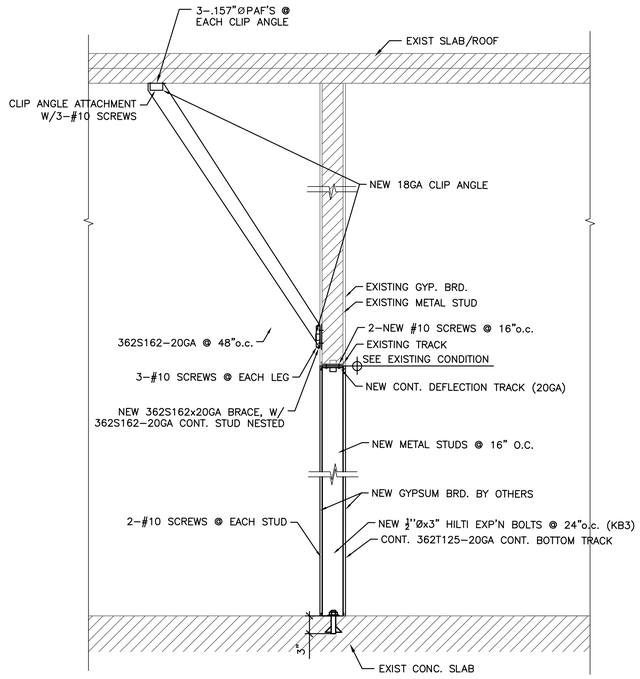
SHEET 3 OF 4

CONSTRUCTION DOCUMENTS



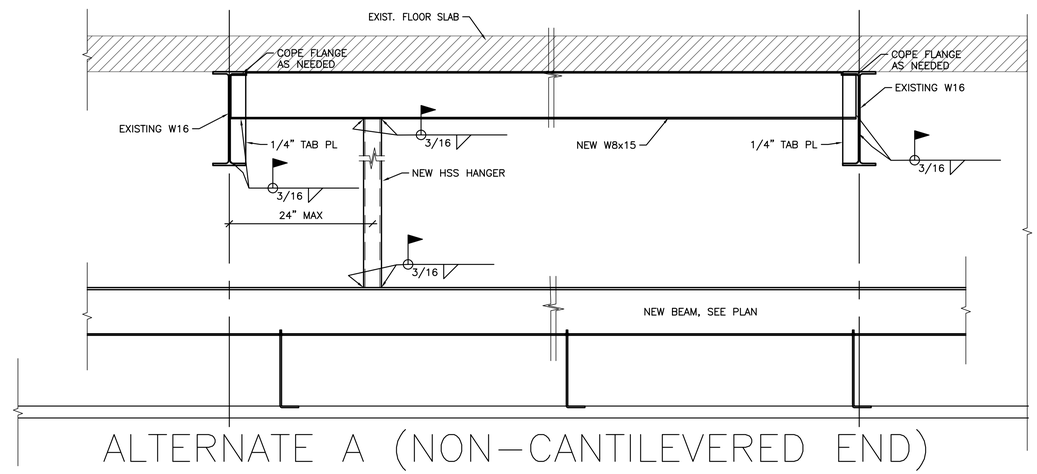
1 S202 SECTION (TYPICAL)

SCALE: 1"=1'–0"

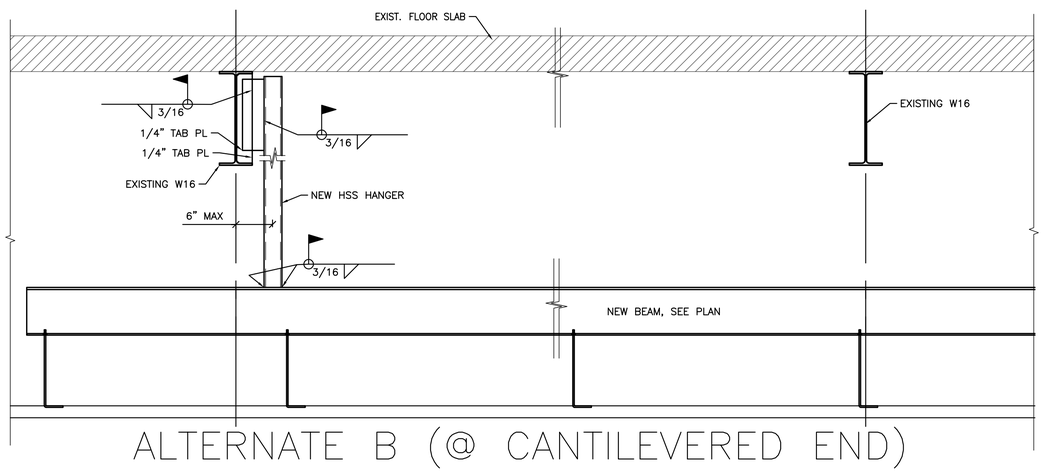


2 S202 SECTION (TYPICAL)

SCALE: 1"=1'–0"



ALTERNATE A (NON–CANTILEVERED END)



ALTERNATE B (@ CANTILEVERED END)

3 S202 ALTERNATE POST TO EXISTING STRUCTURE ATTACHMENT DETAIL

SCALE: 1"=1'–0"

MUSCH CHP
Charleston, South Carolina

MUSC CHP 1ST FLOOR FOLDING PARTITION DOOR (ROOM 105)

CHARLESTON
SOUTH CAROLINA

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REVISION:	

2 REVISED 01.17.2019

TYPICAL SECTIONS AND DETAILS

S202

SHEET 4 OF 4

CONSTRUCTION DOCUMENTS