



**DANE COUNTY DEPT. OF
ADMINISTRATION, PUBLIC
WORKS DIVISION**

1919 Alliant Energy Center Way
Madison, Wisconsin 53713
Office: 608/266-4018 ♦ Fax: 608/267-1533
Public Works Engineering Division

ADDENDUM

July 29th, 2022

ATTENTION ALL REQUEST FOR BIDS(RFB) HOLDERS

RFB NO. 322030 - ADDENDUM NO. 1

FIRE PROTECTION UPGRADES

BIDS DUE: TUESDAY, AUGUST 16TH, 2022, 2:00 PM. DUE DATE AND
TIME ARE NOT CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

PLEASE MAKE THE FOLLOWING CHANGES:

1. Section 00 41 13 - Bid Form

Page 1:

Change: substantial completion date to April 1st, 2023 and commencement date to October 15th, 2022

If any additional information about this Addendum is needed, please contact Eric Urtes, AIA at 608/266-4798, urtes.eric@countyofdane.com.

Sincerely,

Eric Urtes

Project Manager

Attached:

Attendance list from pre-bid meeting
Drawings:
Structural Drawings of Alliant Energy Center Pavilions; Total of Three (3)

Name of Bidding Firm: _____

SECTION 00 41 13

BID FORM

BID NO. 322030

**PROJECT: FIRE PROTECTION UPGRADES
ALLIANT ENERGY CENTER PAVILIONS 1 & 2**

**TO: DANE COUNTY PUBLIC WORKS ENGINEERING DIVISION
PROJECT MANAGER
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713**

NOTE: WISCONSIN STATUTE 77.54 (9M) ALLOWS FOR NO SALES & USE TAX ON THE PURCHASE OF MATERIALS FOR COUNTY PUBLIC WORKS PROJECTS.

BASE BID - LUMP SUM:

Dane County is inviting Bids for construction services. The Alliant Energy Center is looking to upgrade the current fire protection for Pavilions 1 & 2 by adding a dry fire protection system above the exterior canopies. The undersigned, having examined the site where the Work is to be executed and having become familiar with local conditions affecting the cost of the Work and having carefully examined the Drawings and Specifications, all other Construction Documents and Addenda thereto prepared by Dane County Public Works Engineering Division hereby agrees to provide all construction expertise, labor, materials, equipment and services necessary for the complete and satisfactory execution of the entire Work, as specified in the Construction Documents, for the Base Bid stipulated sum of:

_____ and __/100 Dollars
Written Price

\$ _____
Numeric Price

Receipt of the following addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No(s). _____ through _____

Dated _____

Dane County Alliant Energy Center must have this project completed by April 1, 2023. Assuming this Work is authorized to start by October 15, 2022, what dates can you commence and complete this job?

Commencement Date: _____ Completion Date: _____
(final, not substantial)

I hereby certify that all statements herein are made on behalf of:

(Name of Corporation, Partnership or Person submitting Bid)

Select one of the following:

1. A corporation organized and existing under the laws of the State of _____, or
2. A partnership consisting of _____, or
3. A person conducting business as _____;

Of the City, Village, or Town of _____ of the State of _____.

I have examined and carefully prepared this Bid from the associated Construction Documents and have checked the same in detail before submitting this Bid; that I have full authority to make such statements and submit this Bid in (its) (their) (my) behalf; and that the said statements are true and correct. In signing this Bid, we also certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit a Bid; that this Bid has been independently arrived at without collusion with any other bidder, competitor, or potential competitor; that this Bid has not been knowingly disclosed prior to the Bids Due Date to another bidder or competitor; that the above statement is accurate under penalty of perjury.

The undersigned is qualified as a Best Value Contractor or has proven their exemption. Qualification or exemption shall be complete before Bid Due Date / Time.

The undersigned further agrees to honor the Base Bid and the Alternate Bid(s) for sixty (60) calendar days from date of Award of Contract.

SIGNATURE: _____
(Bid is invalid without signature)

Print Name: _____ Date: _____

Title: _____

Address: _____

Telephone No.: _____ Fax No.: _____

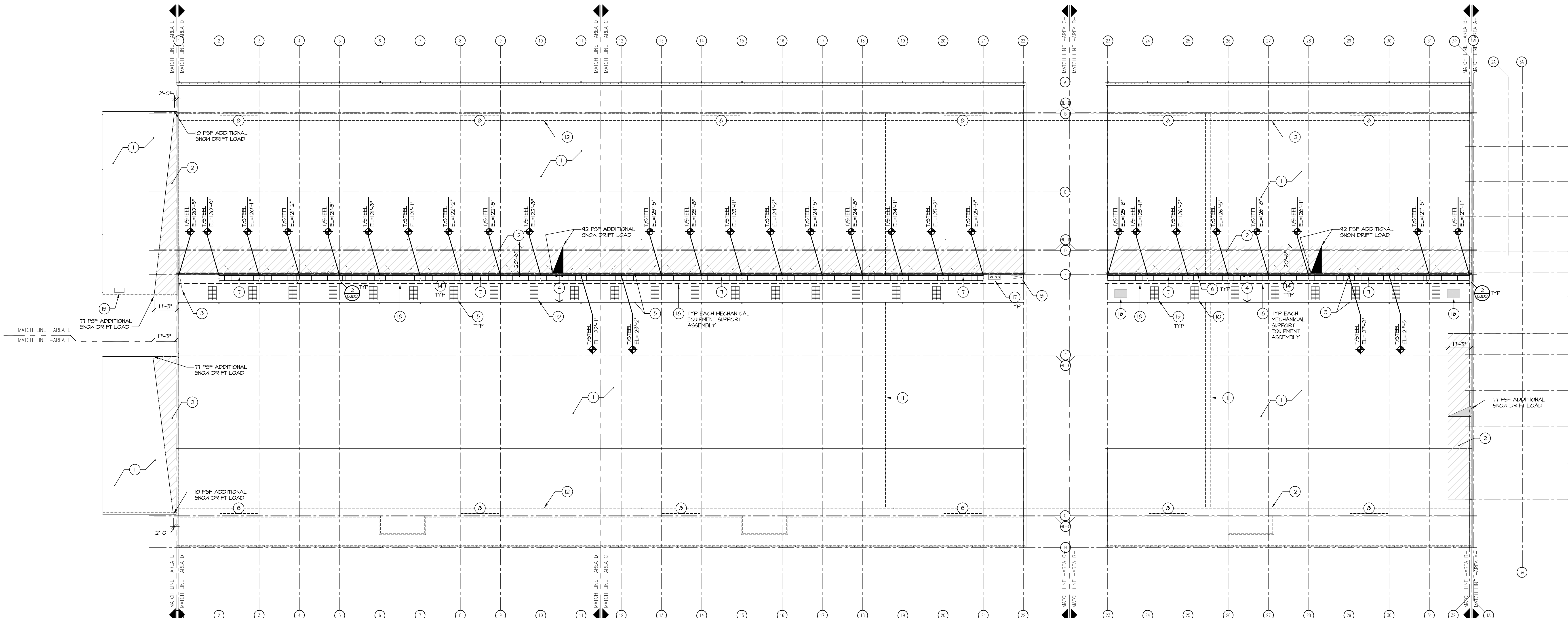
Email Address: _____

Contact Person: _____

END OF SECTION

Alliant Energy Center Pavilions 1 & 2
Fire Protection Upgrades July 26, 2022

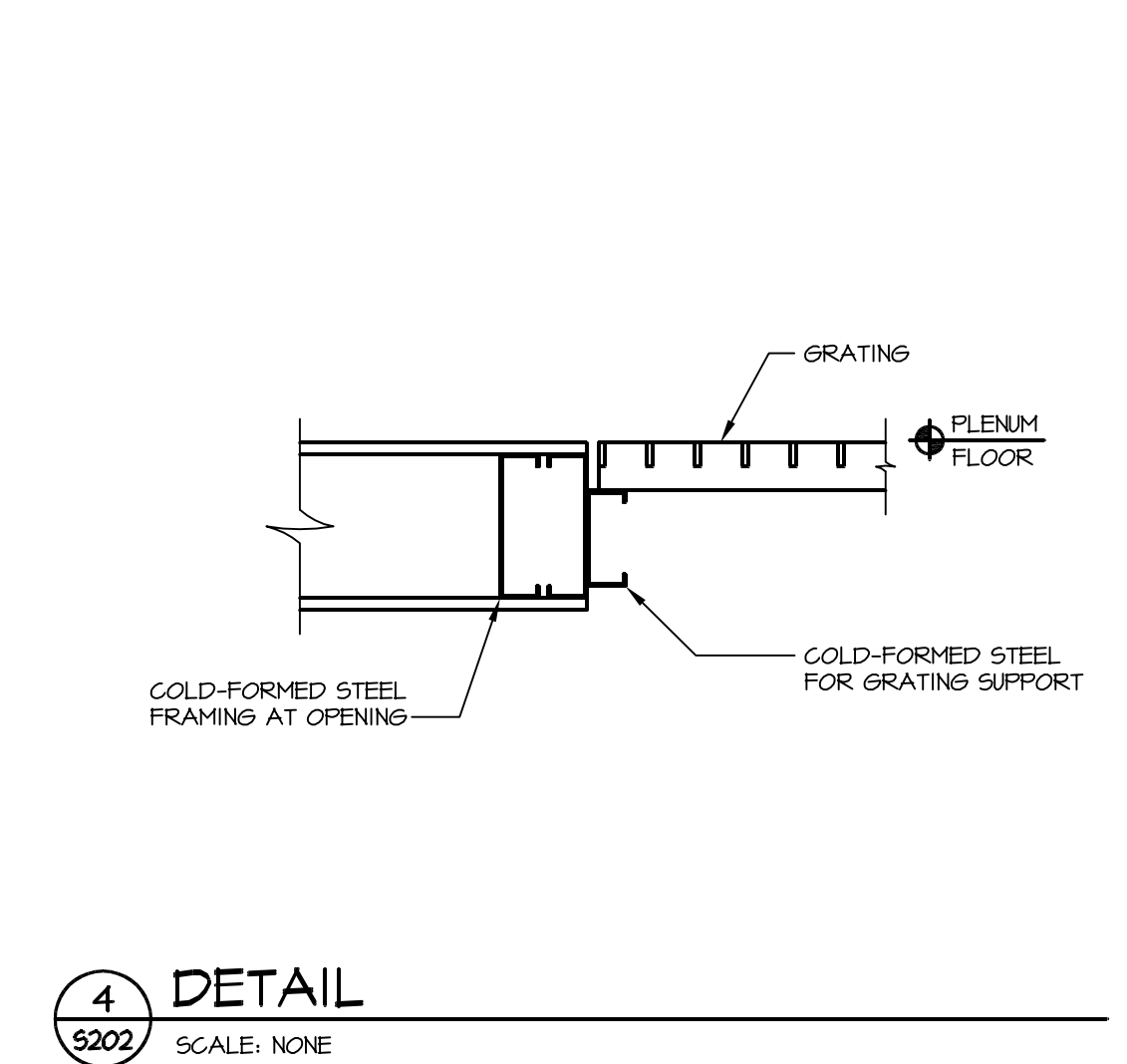
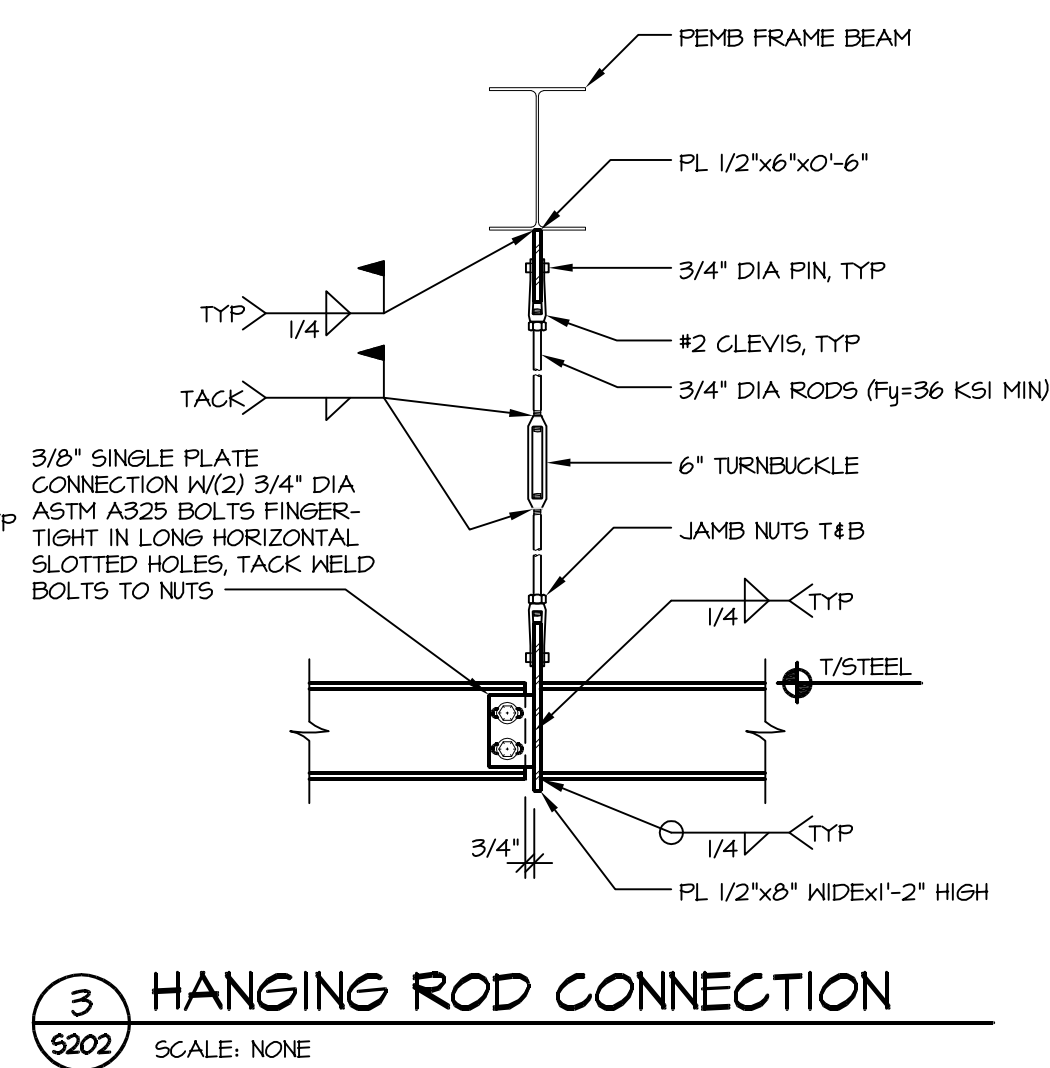
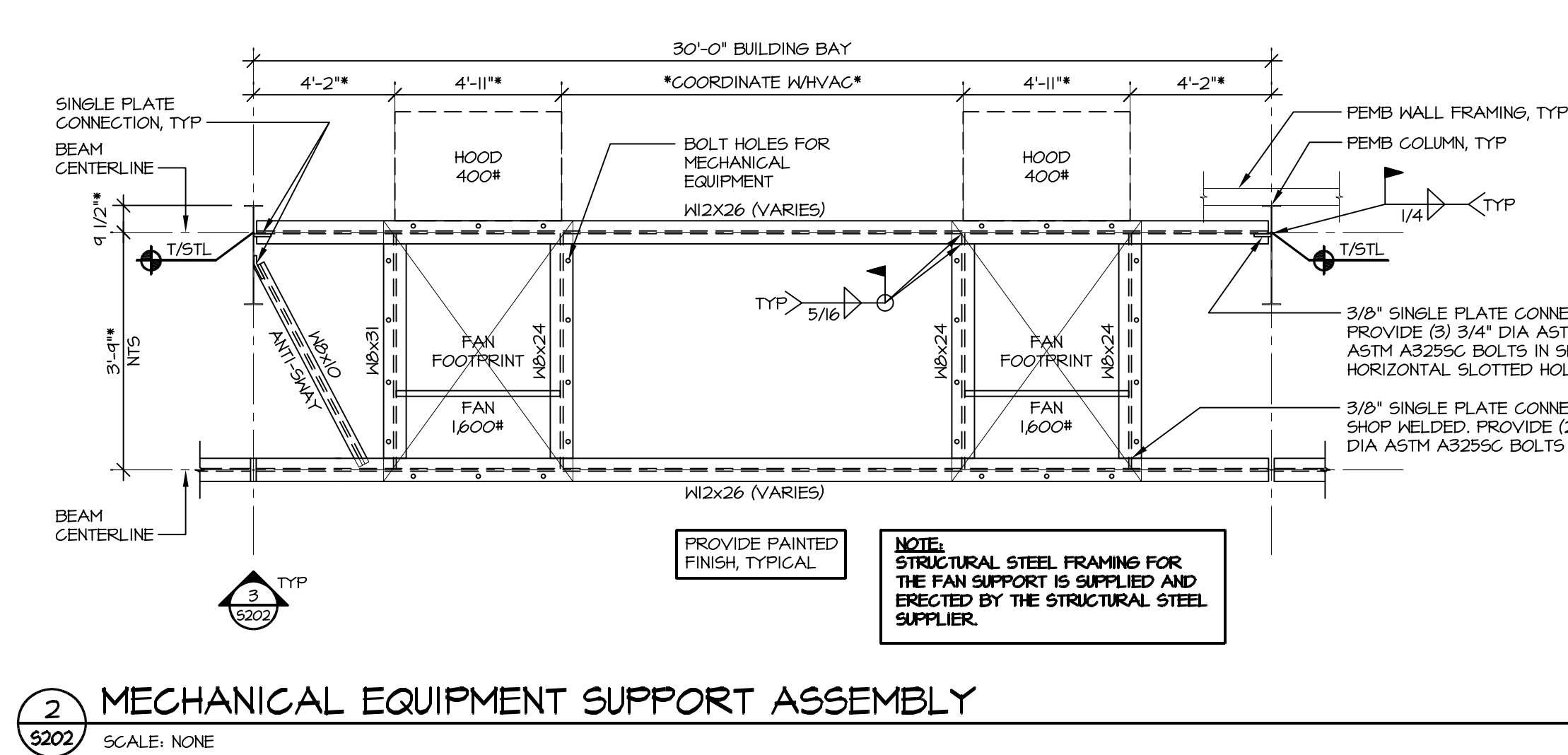
Name	Company	Phone No. + E-Mail Address
Bears Haas	AUTOMATIC FIRE SYSTEMS	815-654-7449 BRAD E AUTOMATIC FIRE SYSTEMS.COM
Wade Lenz	Hooper	608-444-3249 Wlenz@hoopercorp.com
Carolyn Clow	AEC	Clow.carolyn@alliantenergycenter.com
Kevin Connors	AEC	connors.kevin@alliantenergycenter.com
Tom Bailey	Tailored Eng.	tbaily@tailoredeng.com 708-279-1709
Matt Heil	Tailored Engineer	mheil@tailoredeng.com 608-440-9594
Hunter Stutz	Tailored Engineer	hstutz@tailoredeng.com 608-235-7498
Don Kraft	AEC	Kraft.donald@alliantenergycenter.com 608-267-3983
Evie Hietpas	Dane County Public Works	hietpas.evelyn@countyofdane.com 608-225-5719
Eric Urtes	Dane County Public Works	urtes.eric@countyofdane.com 608-266-4798



MEZZANINE AND ROOF LOADS
SCALE: 1/32" = 1'-0"

- KEYED NOTES:**
- 1 TYPICAL ROOF SNOW LOAD AND 5 PSF COLLATERAL DEAD LOAD. THE NOTED COLLATERAL DEAD LOADS ARE FOR HVAC SUPPLY SOCKS, LIGHTING AND ADDITIONAL MISCELLANEOUS DEAD LOADS. PROVIDE THE NOTED COLLATERAL DEAD LOAD AT THE ROOF OVER MECHANICAL EQUIPMENT CHASE. SEE SHEET S001 FOR ROOF SNOW LOADS.
 - 2 SNOW DRIFT LOAD THAT IS IN ADDITION TO THE TYPICAL ROOF SNOW LOAD.
 - 3 FLENUM ACCESS, SEE ARCH.
 - 4 WELDABLE FLENUM 20 PSF LIVE LOAD, 10 PSF COLLATERAL DEAD LOAD.
 - 5 FLENUM WALL, 10 PSF COLLATERAL DEAD LOAD, 1/2 PSF LATERAL AIR MOVEMENT PRESSURE.
 - 6 SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFO.
 - 7 PORTAL FRAME BAY.
 - 8 LATERAL BRACE BAY.
 - 9 NOT USED.
 - 10 HOLE IN FLENUM FLOOR AND MECHANICAL DUCTWORK BELOW PROVIDE 80 PSF COLLATERAL DEAD LOAD FOR MECHANICAL DUCTWORK SUPPORTED FROM THE PEMB FRAME FOR THE FLENUM CHASE.
 - 11 DUAL WIRES TO SUPPORT SUPPLY AIR DUCTWORK SOCK (3 PLF). EACH WIRE IS TENSIONED TO 500 LBS. THE WIRE IS SUPPORTED APPROXIMATELY AT 10'-0" FROM THE PEMB STRUCTURE, TYPICAL EACH BUILDING BAY.
 - 12 GAS-FIRED RADIANT HEATERS AT 5 PLF COLLATERAL DEAD LOAD SUPPORTED BY THE PEMB ROOF STRUCTURE. COMBUSTION IS 50 LB EACH AND 100 LBS AT THE ROOF EXHAUST FAN. SEE HVAC DRAWINGS FOR THIS EQUIPMENT LOCATION.
 - 13 PEMB ROOF SUPPORT MAKE-UP AIR HANDLING UNIT, 1500 LBS COLLATERAL DEAD LOAD.
 - 14 COLD-FORMED STEEL FRAMING FOR WALLS, FLOOR AND CEILING. CONNECT TO THE PEMB STRUCTURAL SYSTEM TO CREATE THE AIR FLENUM. TYPICAL. PROVIDE A STRUCTURAL PANEL 25GA, AS NOTED IN 2/A500B IN THE WALK-ABLE FLENUM. SEE SPECIFICATION SECTION 09100. SECURE CONCRETE PANELS WITH #2 SELF-DRILLING FLATHEAD SCREWS AT 12" OC, TYPICAL.
 - 15 PROVIDE WELDED STEEL GRATING WITH BEARING BARS AT 3" OC AND CROSS-BARS AT 3" TO 4" OC (@ALV). BEAR GRATING ON GOLD-FORMED STEEL FRAMING TO CREATE A LEVEL WALKING SURFACE USING A GAUGE BENT PLATE OR STEP DOWN TRACK. COMPLY WITH NOTE 4 FOR LOADS. SEE 4/S202.
 - 16 MECHANICAL EQUIPMENT ROOF SUPPORT USING 1" DIA THREAD-ALL RODS. ASSUMED 4000 LBS EQUIPMENT HEIGHT.
 - 17 PROVIDE FRAMED OPENINGS FOR MECHANICAL FLUE PIPES.
 - 18 FIRE SPRINKLER PIPE MAINS, SEE 2/A500B. ASSUMED LOAD IS 260 PLF OVER AN 8'-0" WIDE FOOT PRINT IN ADDITION TO THE TYPICAL ADDITIONAL COLLATERAL DEAD LOAD.

NOTE:
ALL LOADS IMPOSED ON THE PRE-ENGINEERED METAL BUILDING MAY NOT BE NOTED ON THIS DRAWING. PRE-ENGINEERED METAL BUILDING SUPPLIER IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS FOR LOADS IMPOSED ON THE PRE-ENGINEERED METAL BUILDING.



CONSULTANT
ARNOLD & O'SHERIDAN, INC.
728 HEARTLAND TRAIL
MADISON, WI 53717

T/ 608 821 8500
F/ 608 821 8501
A&O PROJECT #130172
Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including but not limited to, temporary supports, shoring, forming to support exposed loads and other similar items.

DRAWING SET CD
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FILE NAME 130172_S202.DWG
REVISIONS
CONSTRUCTION SET 01-08-14
ADDENDUM #2 11-14-13
ADDENDUM #1 11-01-13

DRAWN A&O
CHECKED TJD
DATE 10-29-13
PROJECT NO. 2013027_02
PROJECT TITLE

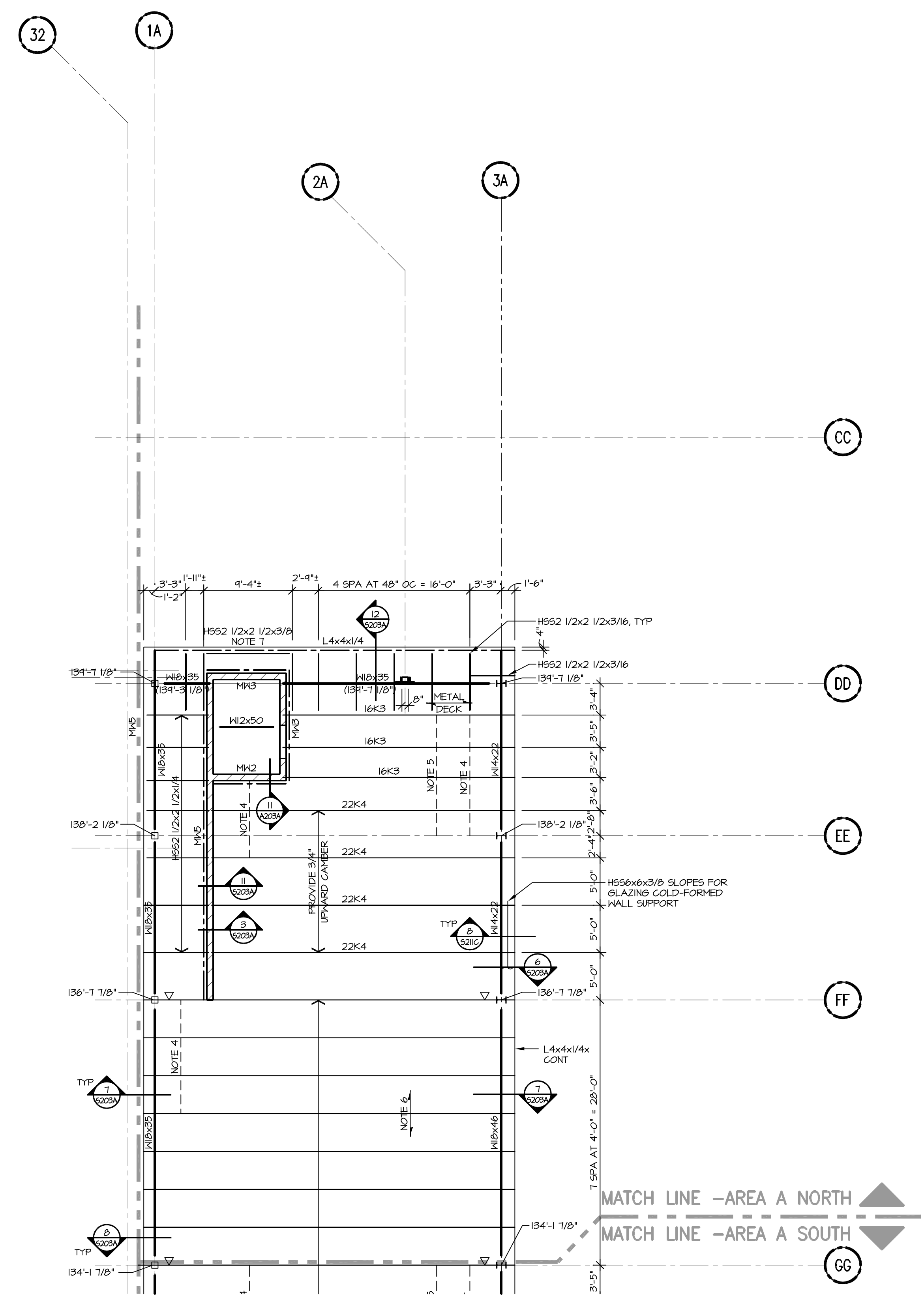
ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

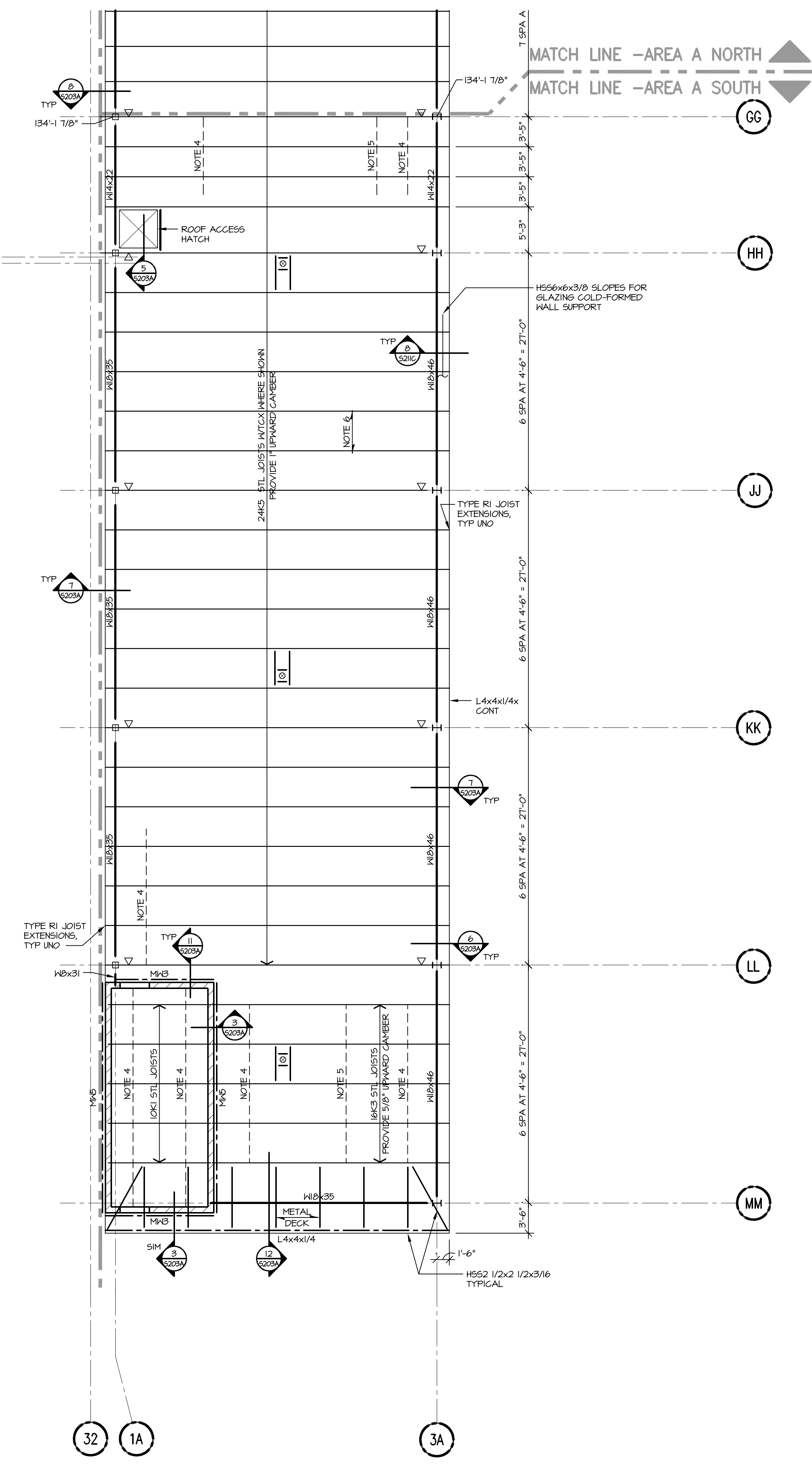
SHEET TITLE
STRUCTURAL MEZZANINE AND ROOF LOADS

SHEET NO.
S202



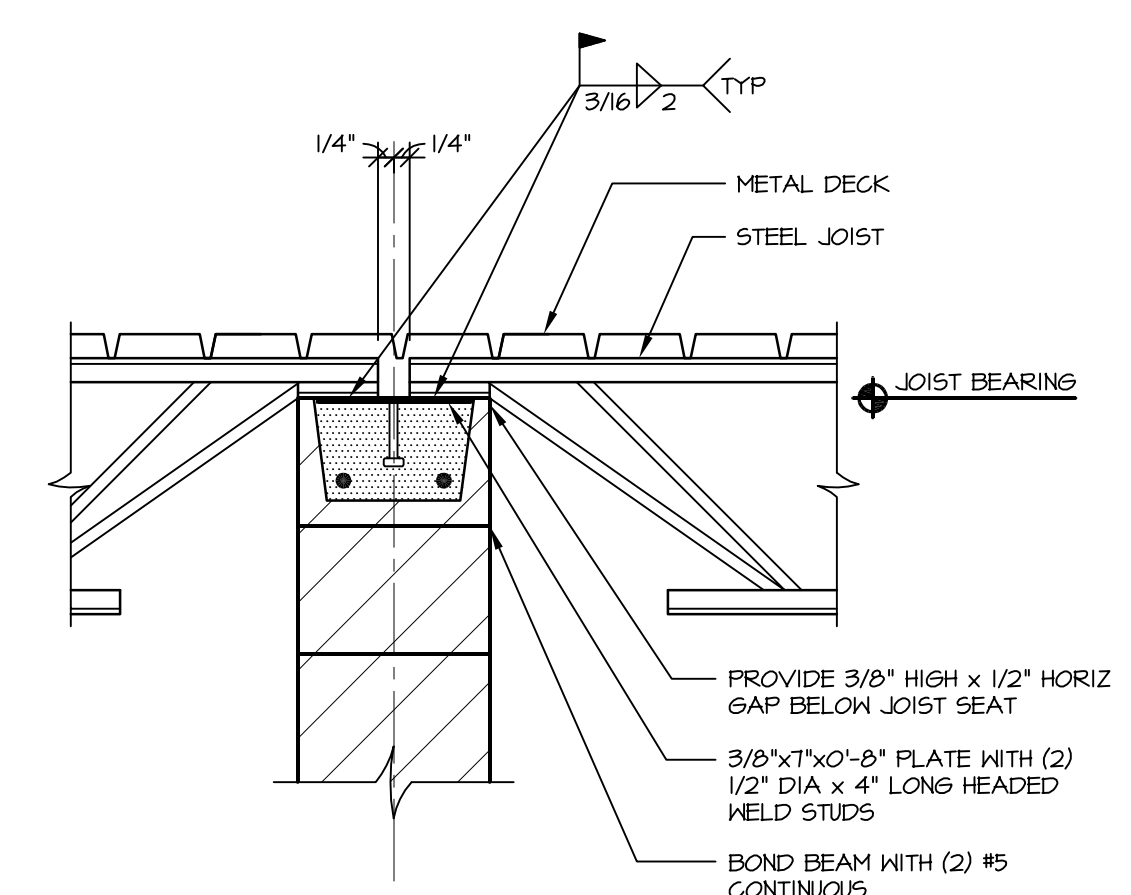


1 HIGH ROOF FRAMING PLAN - AREA A NORTH
SCALE: 1/8" = 1'-0"

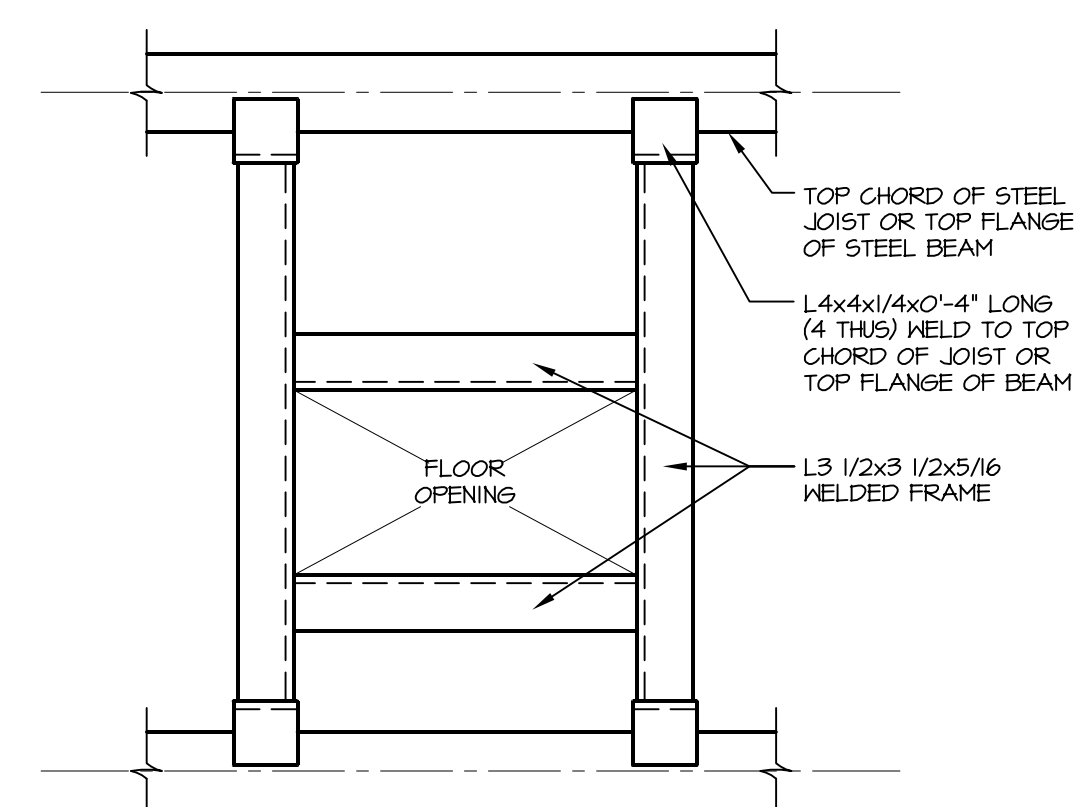


2 HIGH ROOF FRAMING PLAN - AREA A SOUTH
SCALE: 1/8" = 1'-0"

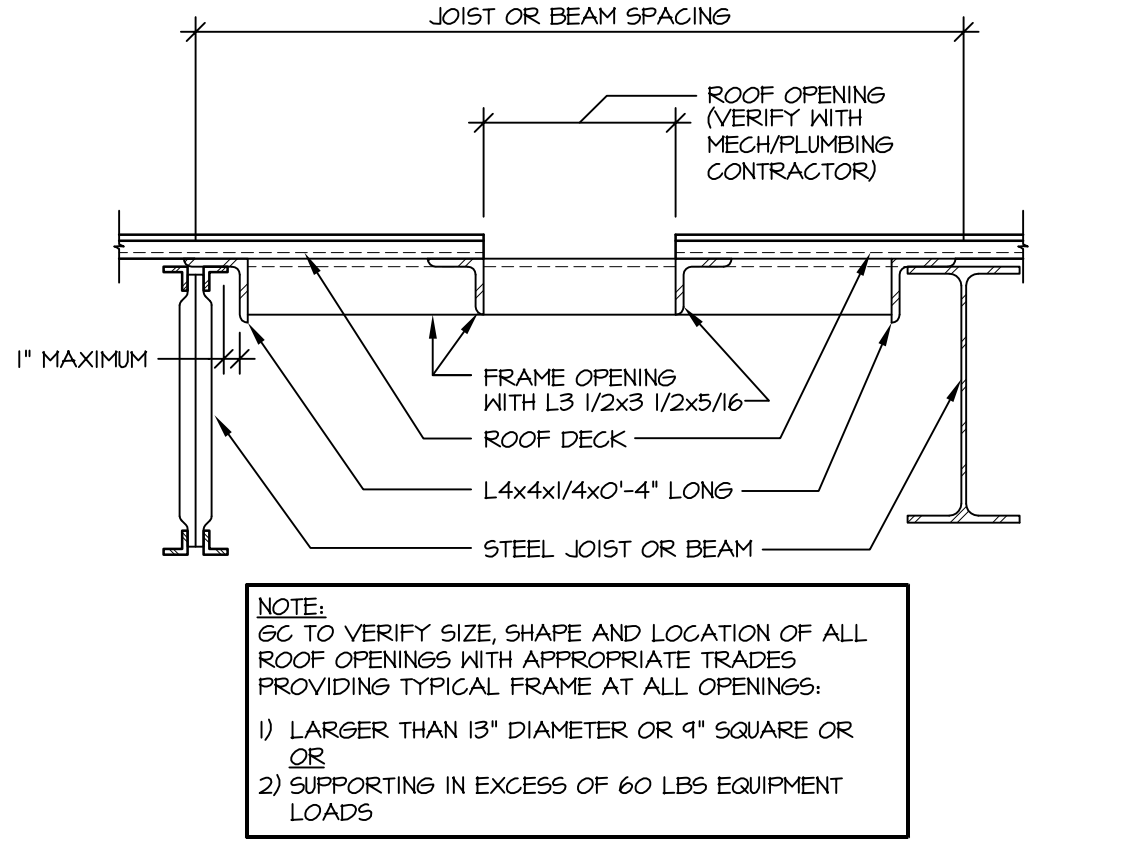
- NOTES:
- TOP OF STEEL = 132'-4 1/2" UNO.
 - JOIST BEARING ELEVATION = 132'-4 1/2"
 - ▽ INDICATES JOIST BOTTOM CHORD EXTENSION
 - WIND UPLIFT BRIDGING PER SJI REQUIREMENTS
 - JOIST BRIDGING PER SJI REQUIREMENTS
 - 1 1/2" TYPE BAI, 24 GA METAL ROOF DECK (PRIME PAINTED). ATTACH TO STRUCTURE WITH 3/8" DIA HELD PATTERN AND (3) #10 SELF-DRILLING SCREWS AT 6" O.C.
 - FIELD HELD TO ADJACENT HSS 1/2x2 1/2s
 - HSS 1/2x2 1/2s LOCATED IN WALL. PROVIDE BENT PL EACH SIDE WITH (2) THRU BOLTS IN LONG VERTICAL SLOTTED HOLES. SHOP HELD BENT PLATE TO N.B.



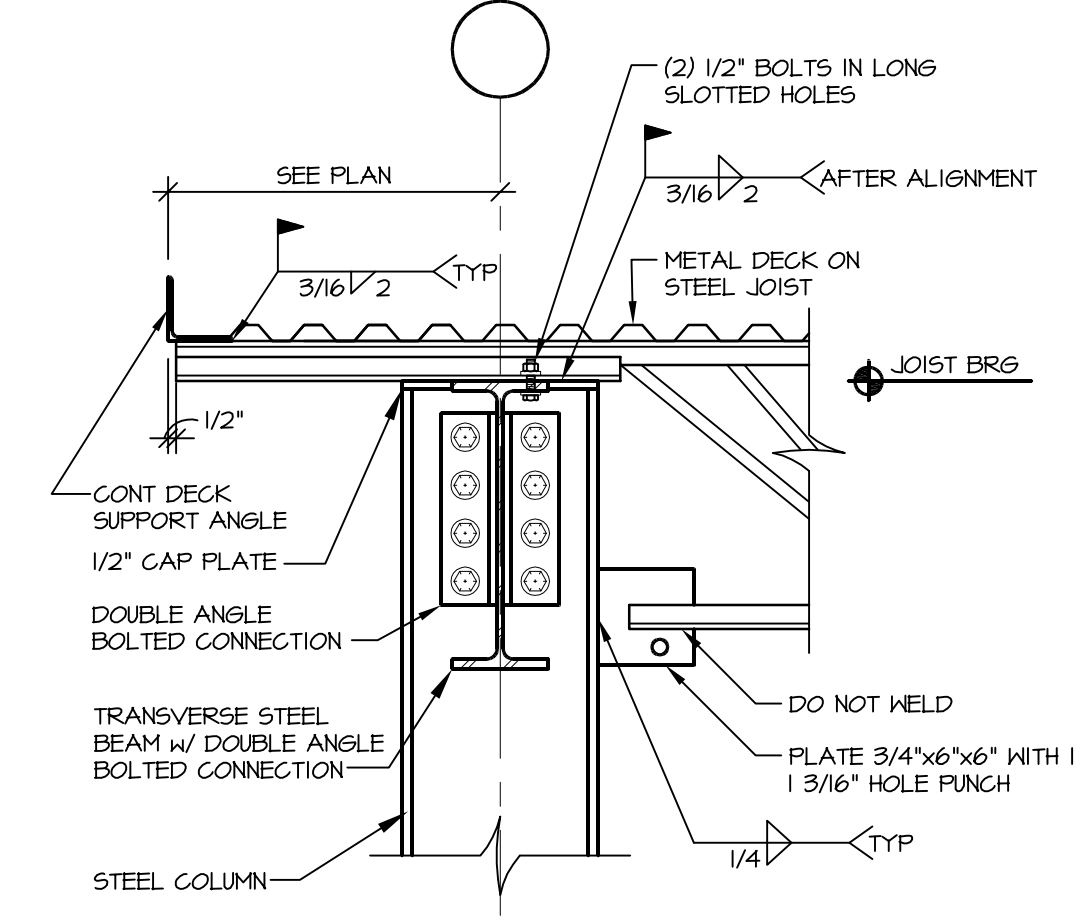
3 K-SERIES JOIST ON MASONRY WALL
SCALE: NONE



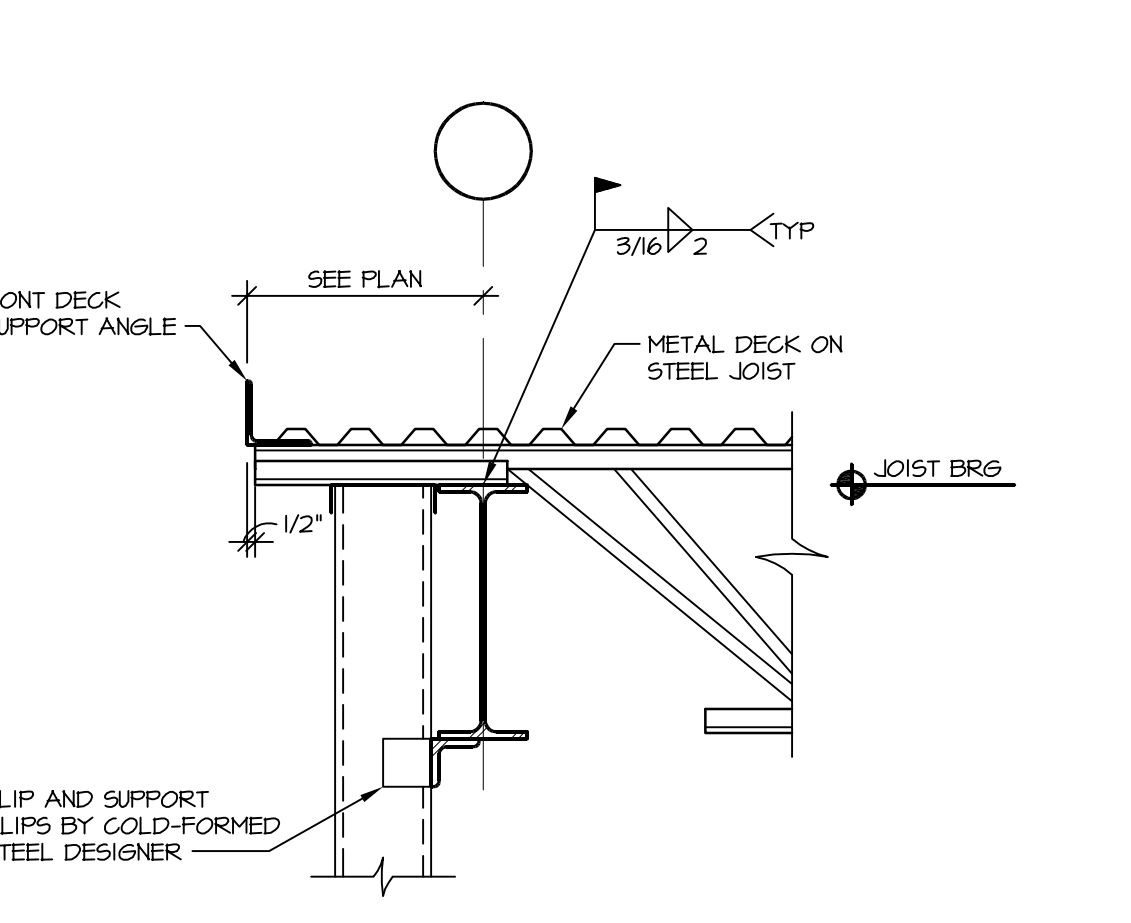
4 TYPICAL FRAMING AT FLOOR OPENINGS
SCALE: NONE



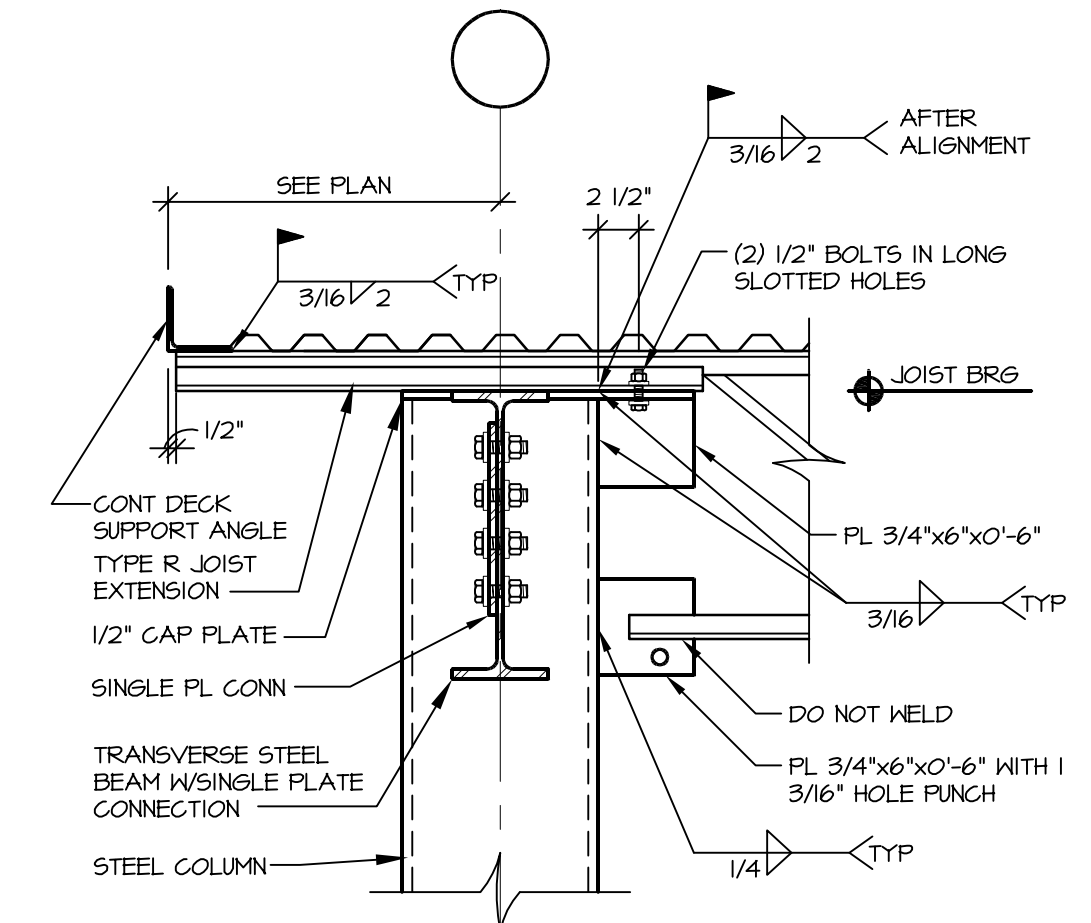
5 TYPICAL FRAMING AT ROOF OPENINGS
SCALE: NONE



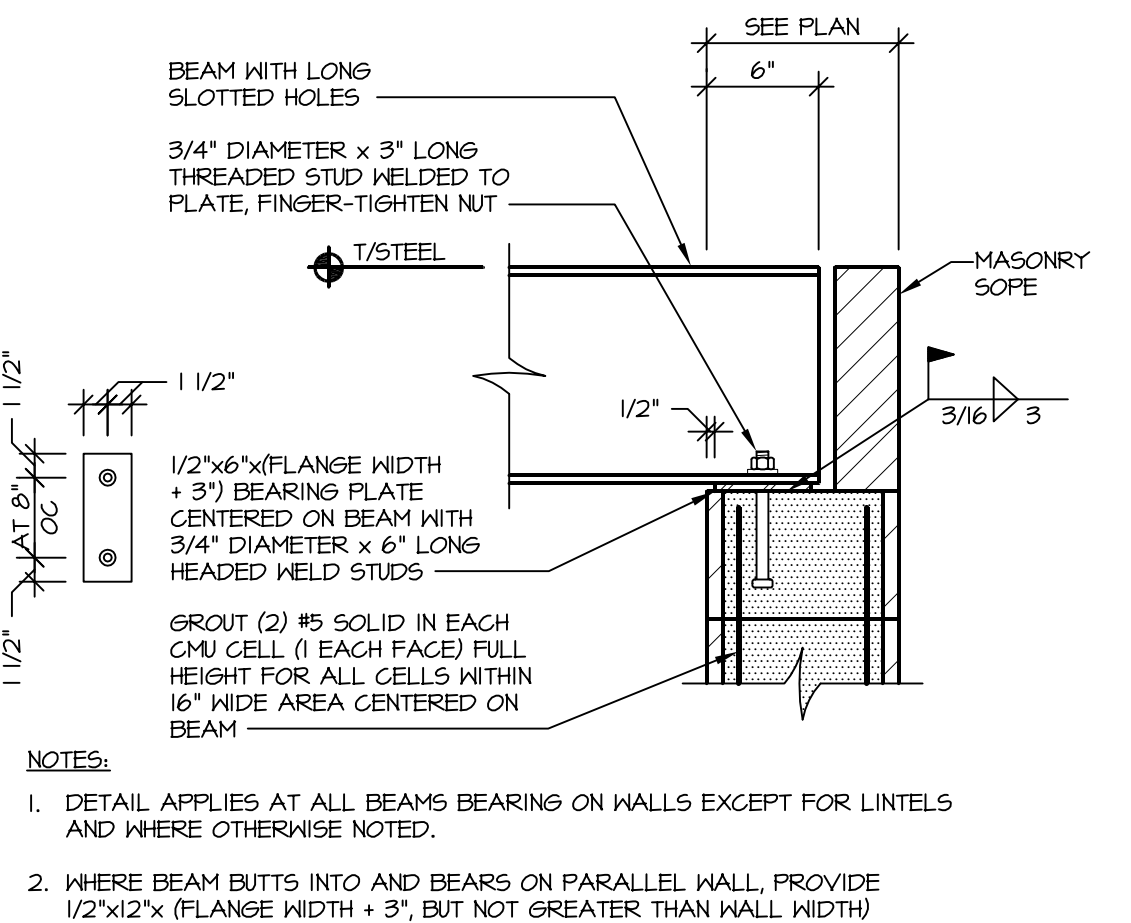
6 WF COLUMN CONNECTION AT ROOF
SCALE: NONE



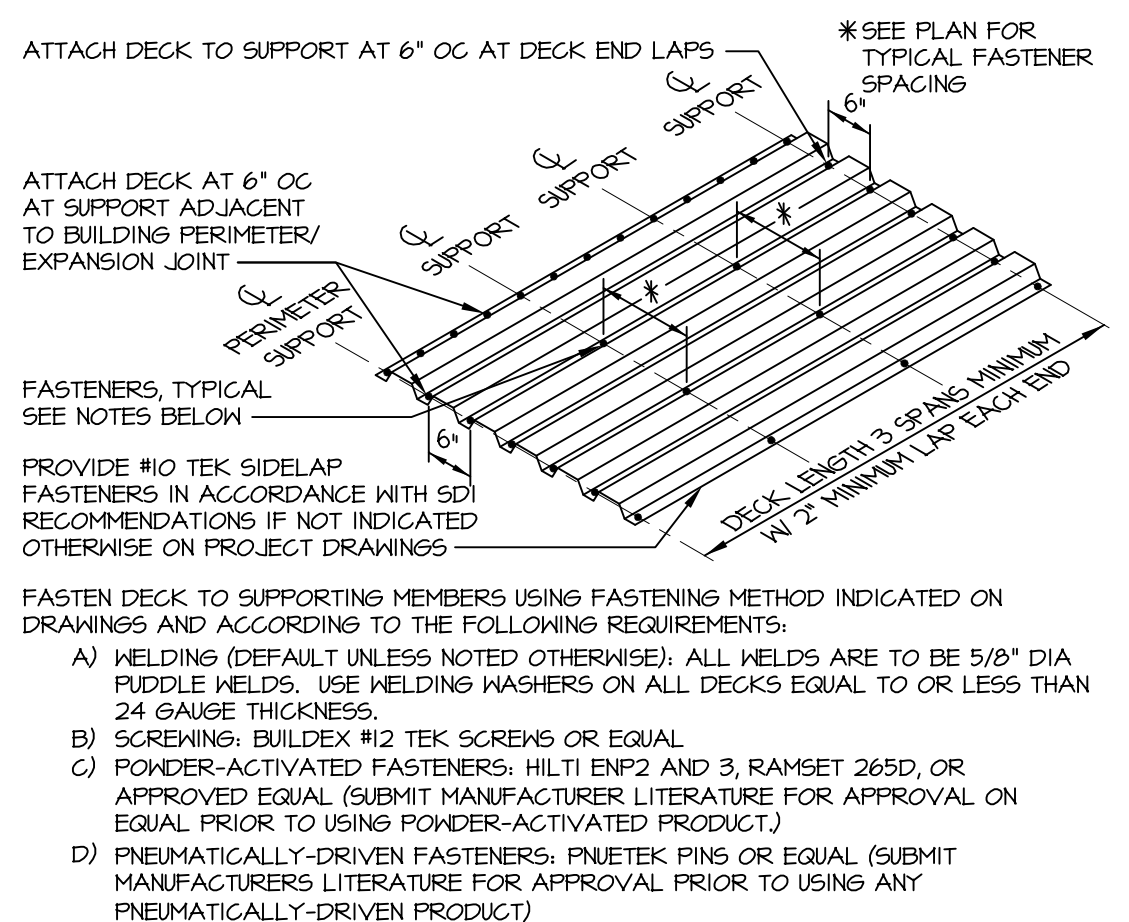
7 JOIST BEARING
SCALE: NONE



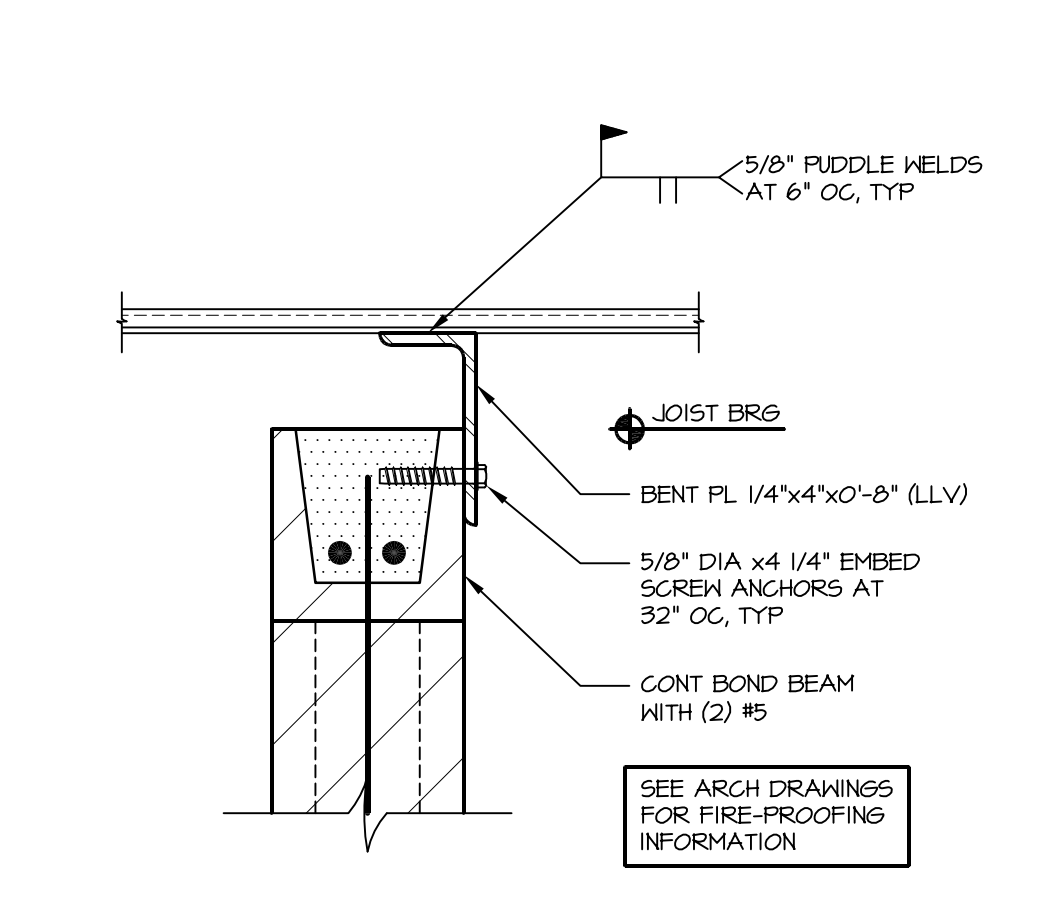
8 HSS COLUMN CONNECTION AT ROOF
SCALE: NONE



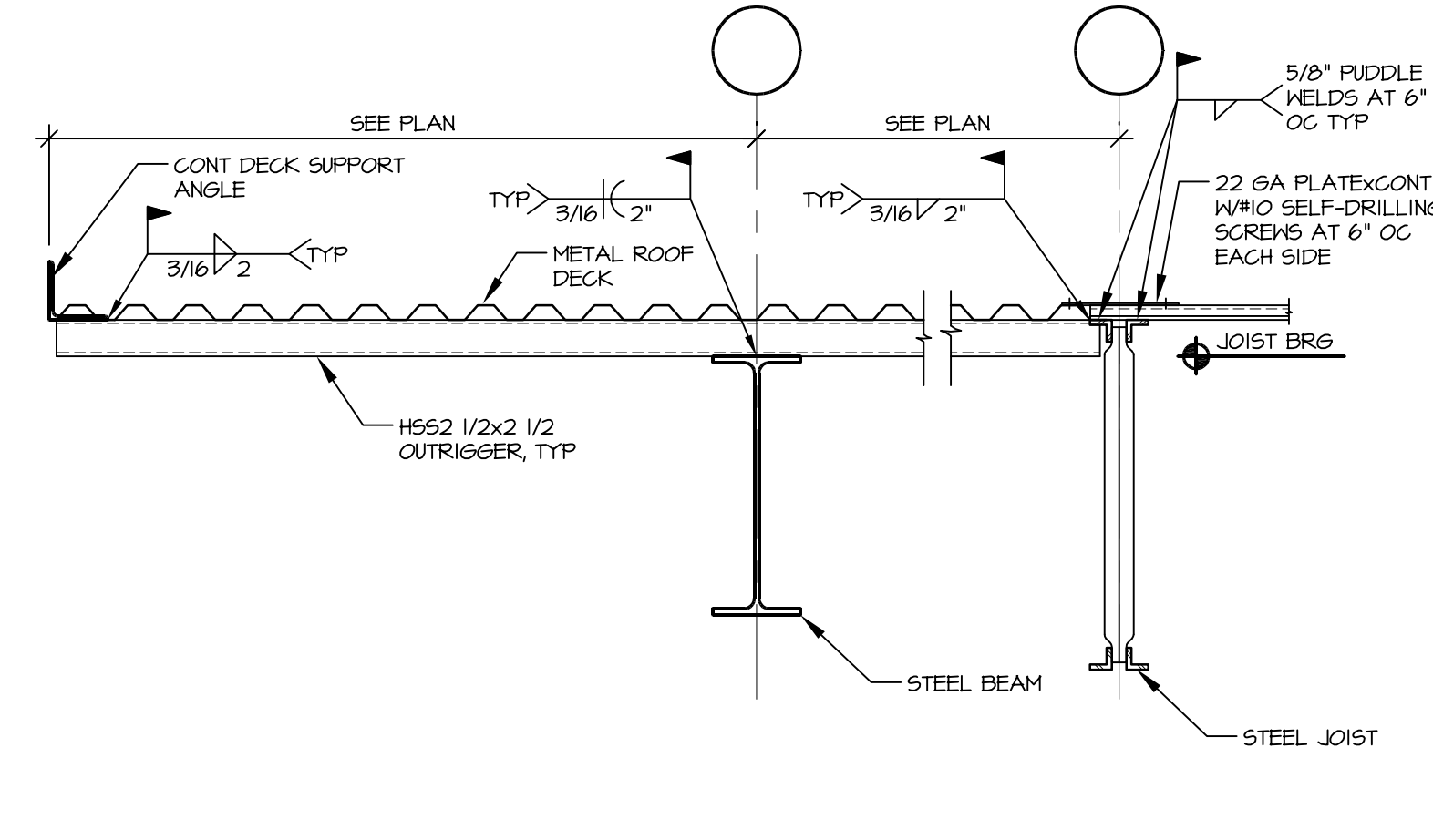
9 BEAM BEARING DETAIL
SCALE: NONE



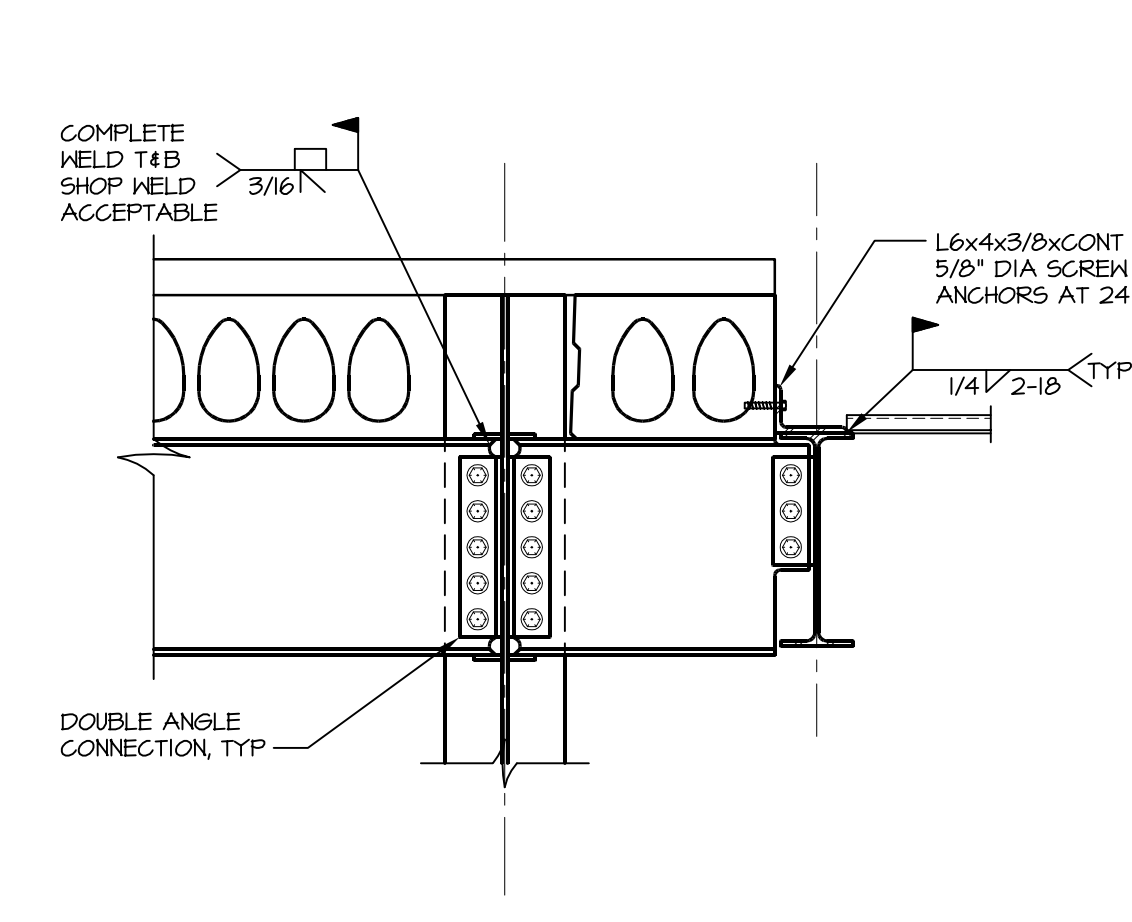
10 METAL DECK FASTENING DETAIL
SCALE: NONE



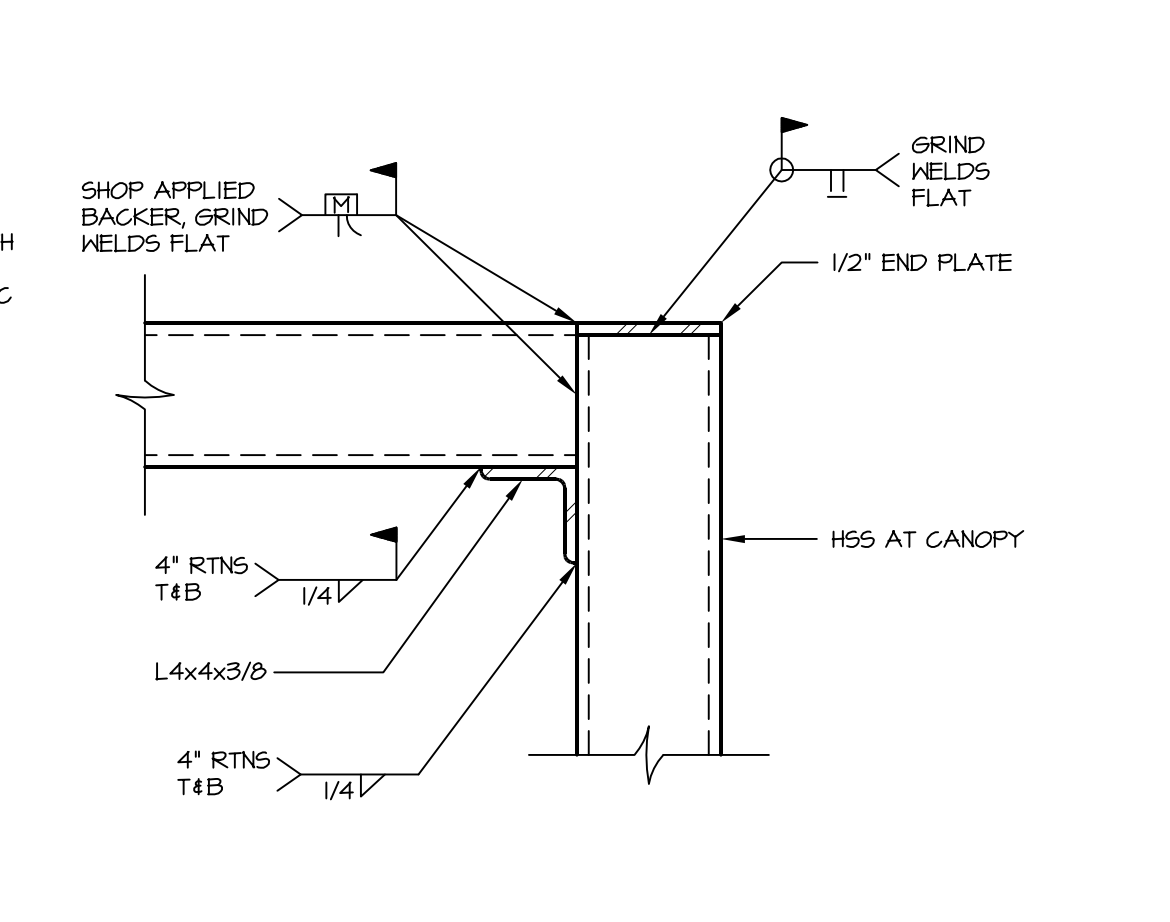
11 CMU WALL AT METAL DECK
SCALE: NONE



12 WF COLUMN CONNECTION AT ROOF
SCALE: NONE



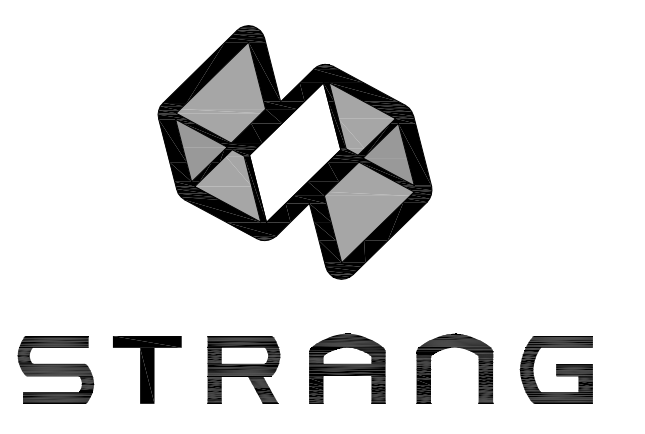
13 MOMENT CONNECTION
SCALE: NONE



14 CANOPY CONNECTION PLAN VIEW
SCALE: NONE



KEY PLAN



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
8411 MINERAL POINT ROAD
MADISON, WI 53705-4335
T/ 608 278 8200
F/ 608 278 8204

CONSULTANT
ARNOLD & O'SHERIDAN, INC.
728 HEARLAND TRAIL
MADISON, WI 53717

T/ 608 821 8500
F/ 608 821 8501
A&O PROJECT #130172

CONTRACTORS ARE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, EQUIPMENT AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPORARY SUPPORTS, SHORING, FORMING TO SUPPORT IMPROVED ROADS AND OTHER SIMILAR ITEMS.

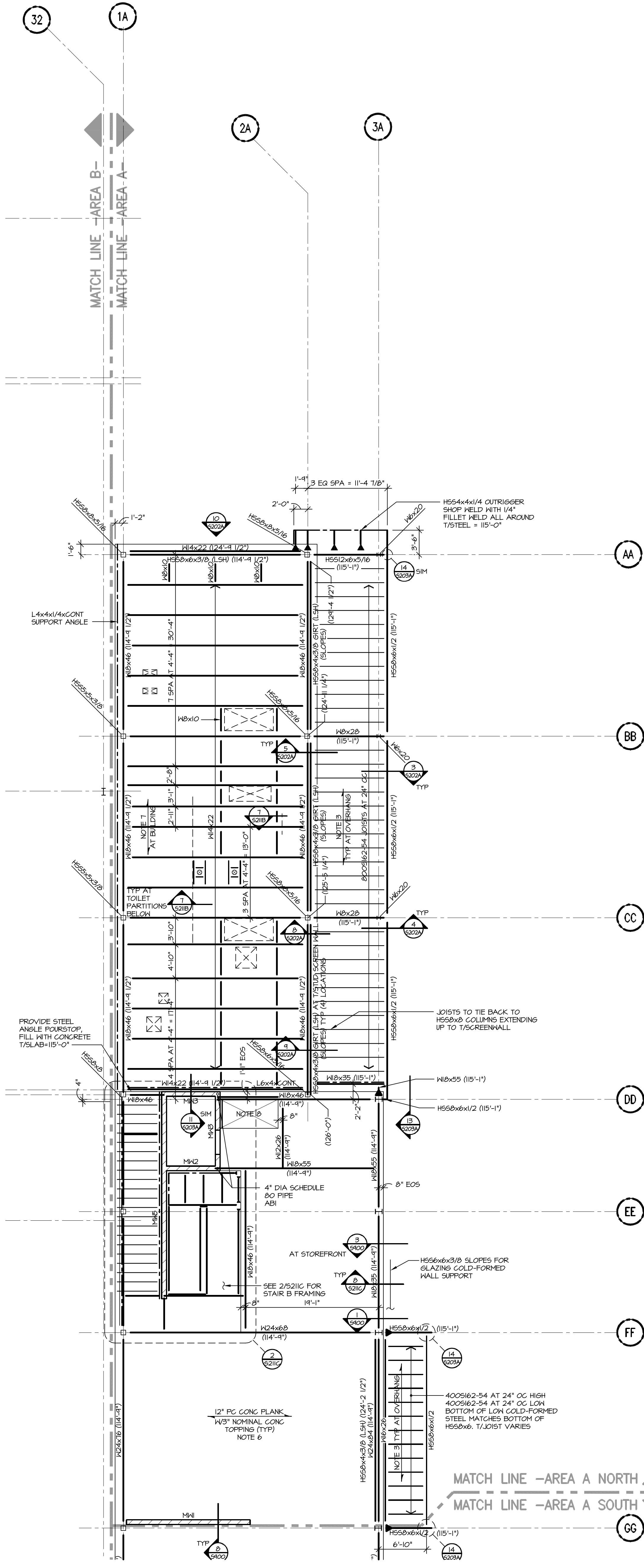
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COPYRIGHT	2013
FILE NAME	130172_S203A.DWG
REVISIONS	
CONSTRUCTION SET	01-08-14
ADDENDUM #1	11-01-13
DRAWN	A&O
CHECKED	TJD
DATE	10-29-13
PROJECT NO.	2013027_02
PROJECT TITLE	

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

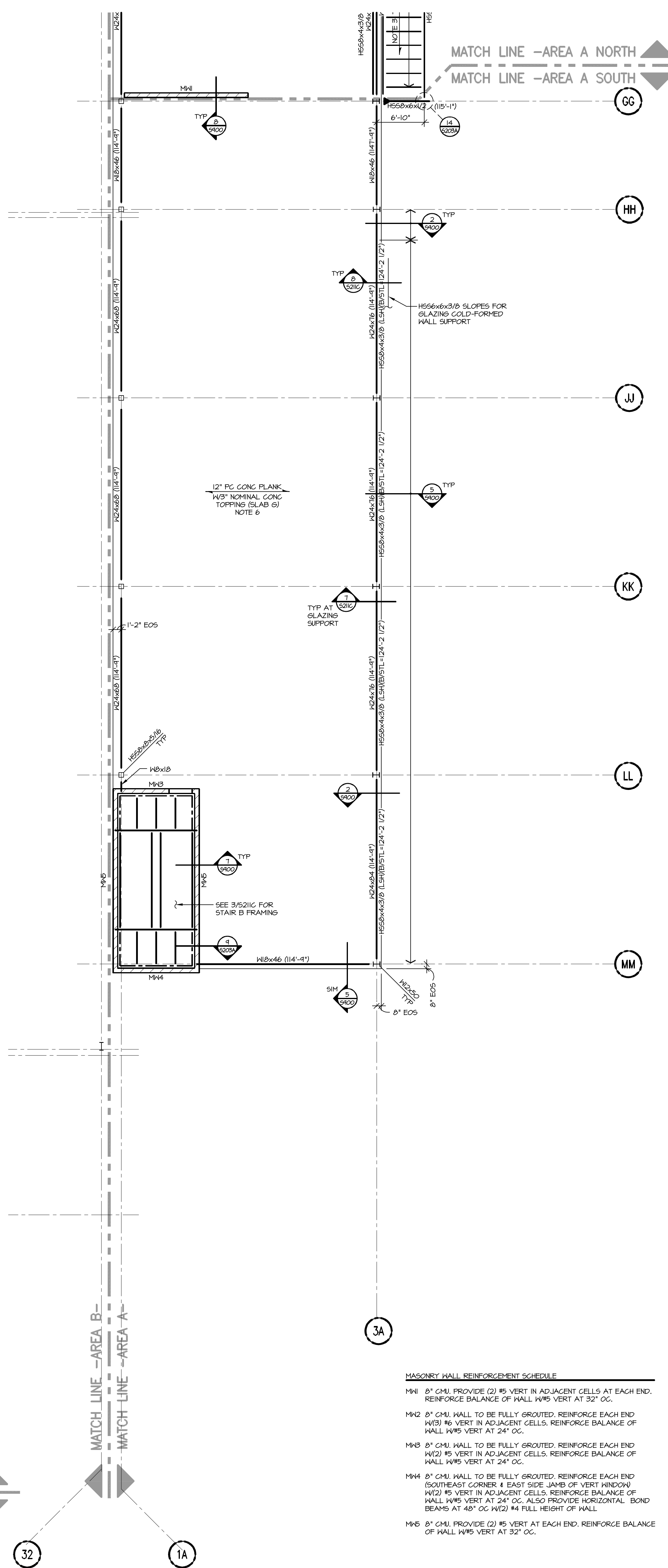
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE
ROOF FRAMING PLAN
AREA A

SHEET NO.
S203A

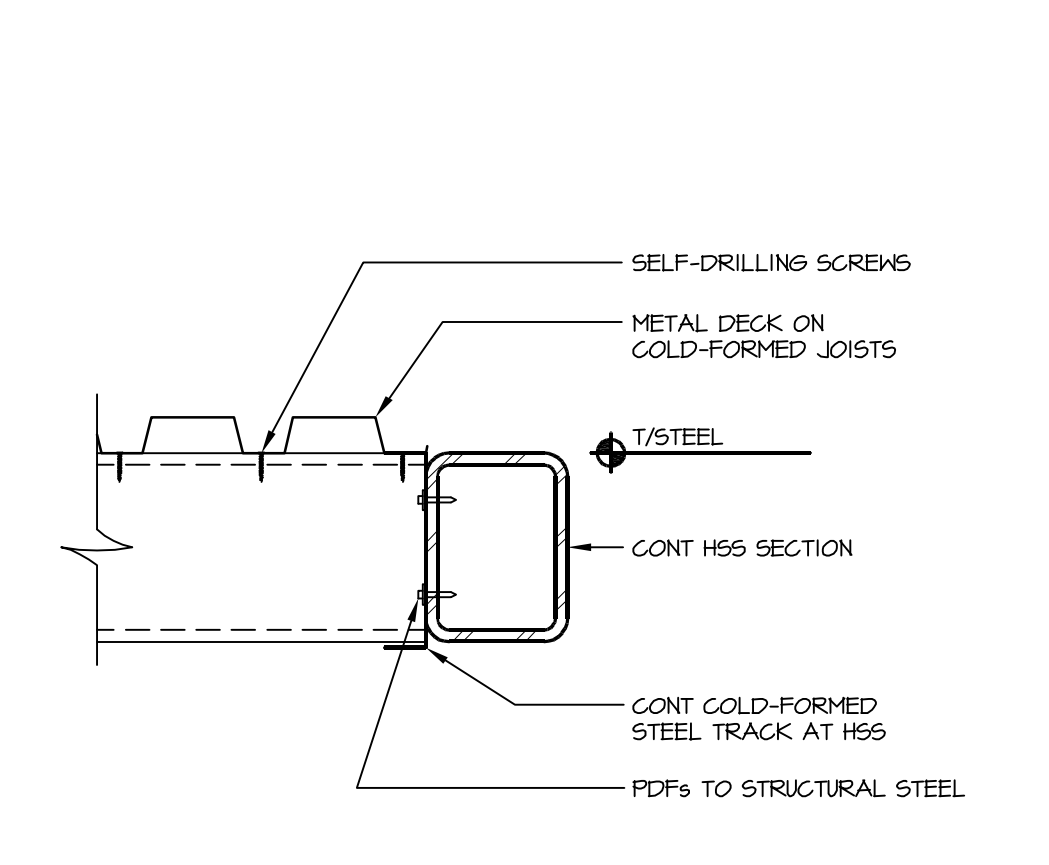


1
S202A
LOW ROOF FRAMING PLAN - AREA A NORTH
SCALE: 1/8" = 1'-0"

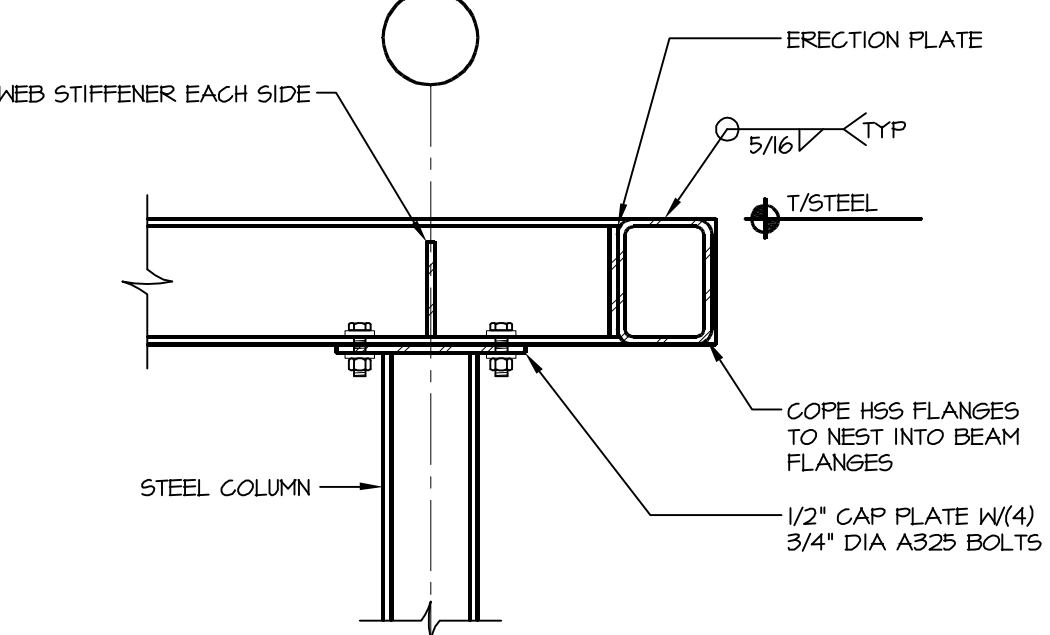


2
S202A
MEZZANINE FRAMING - AREA A SOUTH
SCALE: 1/8" = 1'-0"

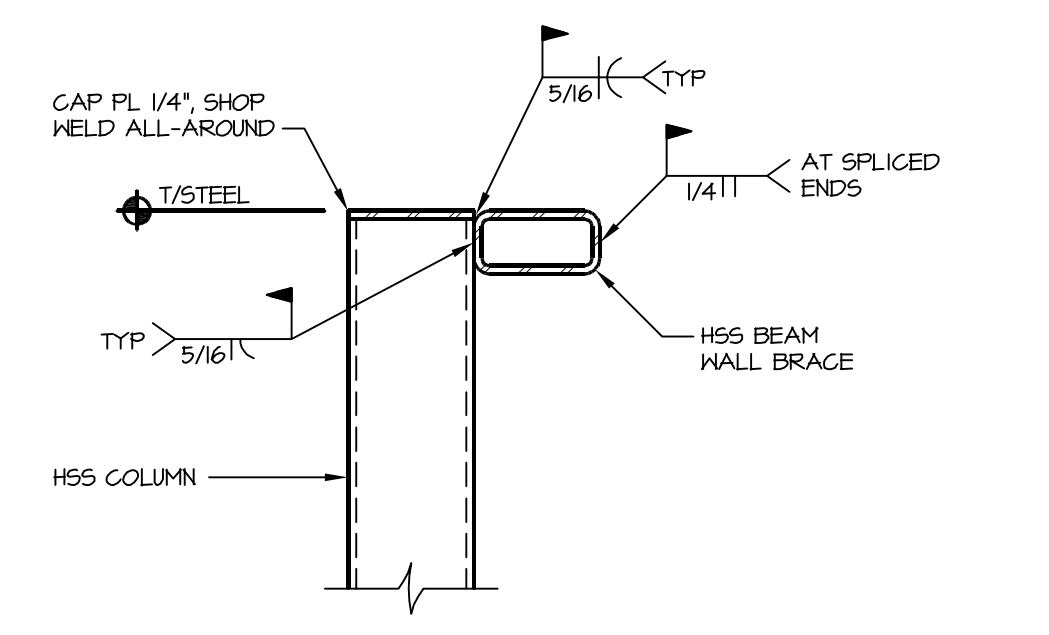
- NOTES:**
- TOP OF PRECAST PLANK WITH 3" TOPPING = 116'-0"
 - METAL DECK BEARING ELEVATION = 115'-0". JOIST BEARING ELEVATION = 114'-4 1/2"
 - 1/2" TYPE B, 24 GA METAL ROOF DECK (PRIME PAINTED). ATTACH TO STRUCTURE WITH 3/8" DIA WELDED PATTERN AND (3) #10 SELF-DRILLING SCREWS AT SIDE LAPS ON STEEL FRAMING. PROVIDE #10 SELF-DRILLING SCREWS AT 12" OC ON COLD-FORMED STEEL JOISTS AND (1) #10 SELF-DRILLING SCREW AT SIDE LAPS BETWEEN JOISTS.
THICK = 0.0234 IN I P = 0.1210 IN/FT 5P = 0.1200 IN/FT
F_y = 60 KSI I N = 0.1210 IN/FT 5N = 0.1310 IN/FT
 - PROVIDE COLD-FORMED STEEL STUD BUNDLE TO FORM HSSx4 SUPPORT AT SCREEN WALL. SEE DETAIL S25202A.
 - PROVIDE DOUBLE ANGLE BOLTED CONNECTIONS, TYPICAL.
 - 100 PSF LL + 10 PSF SUPERIMPOSED DEAD LOAD.
 - 1/2" TYPE BAL, 24 GA METAL ROOF DECK (PRIME PAINTED). ATTACH TO STRUCTURE WITH 5/8" DIA RUDDE WELDS WITH 3/8" DIA WELDED PATTERN AND (3) #10 SELF-DRILLING SCREWS AT SIDE LAPS.
THICK = 0.0234 IN I P = 0.1210 IN/FT 5P = 0.1200 IN/FT
F_y = 60 KSI I N = 0.1210 IN/FT 5N = 0.1310 IN/FT
 - FUTURE HVAC DUCT SHAFT. PROVIDE DECK SUPPORT ANGLE ALONG ELEVATOR SHAFT PER DETAIL V32023A. PROVIDE #10x22 ON #10 ALONG GRID LINE DD, SHOP WELD. PROVIDE BENT PL 1/4"x2"x0'-3" FOURSTOP WELD TO #10. PROVIDE #24 METAL DECK TO BEAR ON PRECAST PLANK. SECURE TO PRECAST PLANK. REINFORCE TOPPING SLAB WITH #3 AT 8" OC EACH WAY, EXTENDING 18" INTO ADJACENT TOPPING SLAB ALL AROUND.



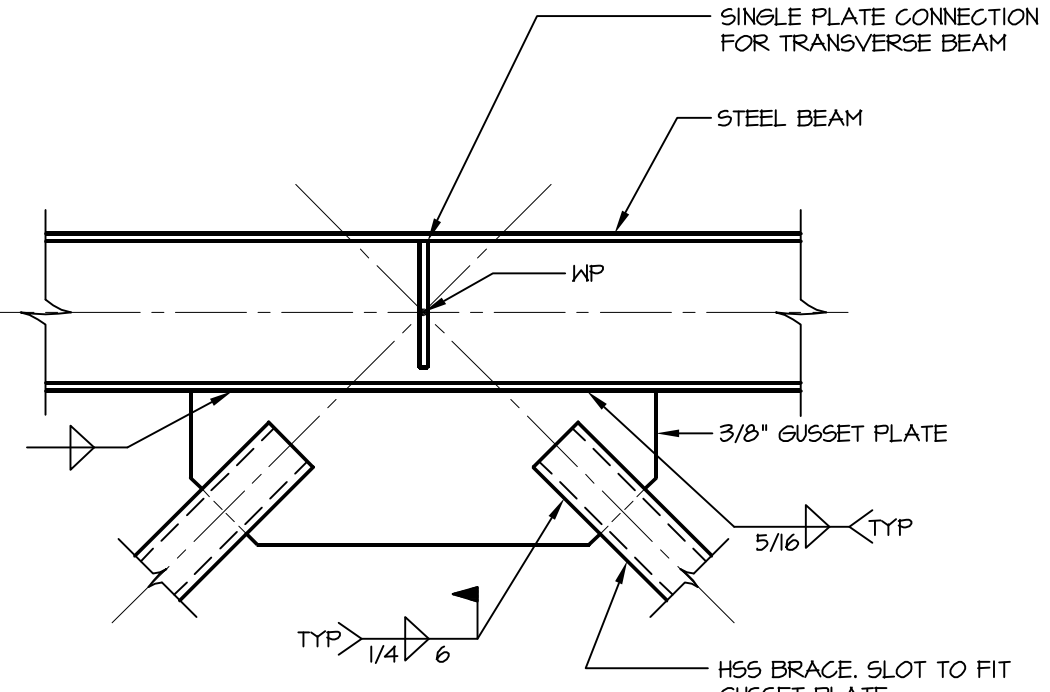
3
S202A
JOIST BEARING
SCALE: 1/2" = 1'-0"



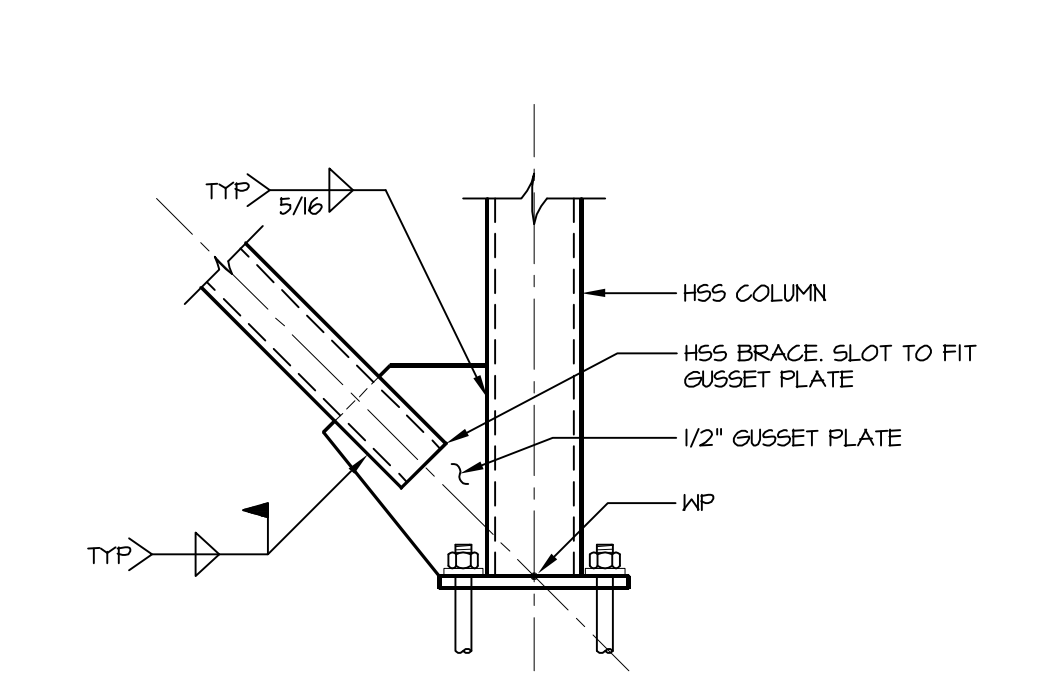
4
S202A
JOIST BEARING
SCALE: NONE



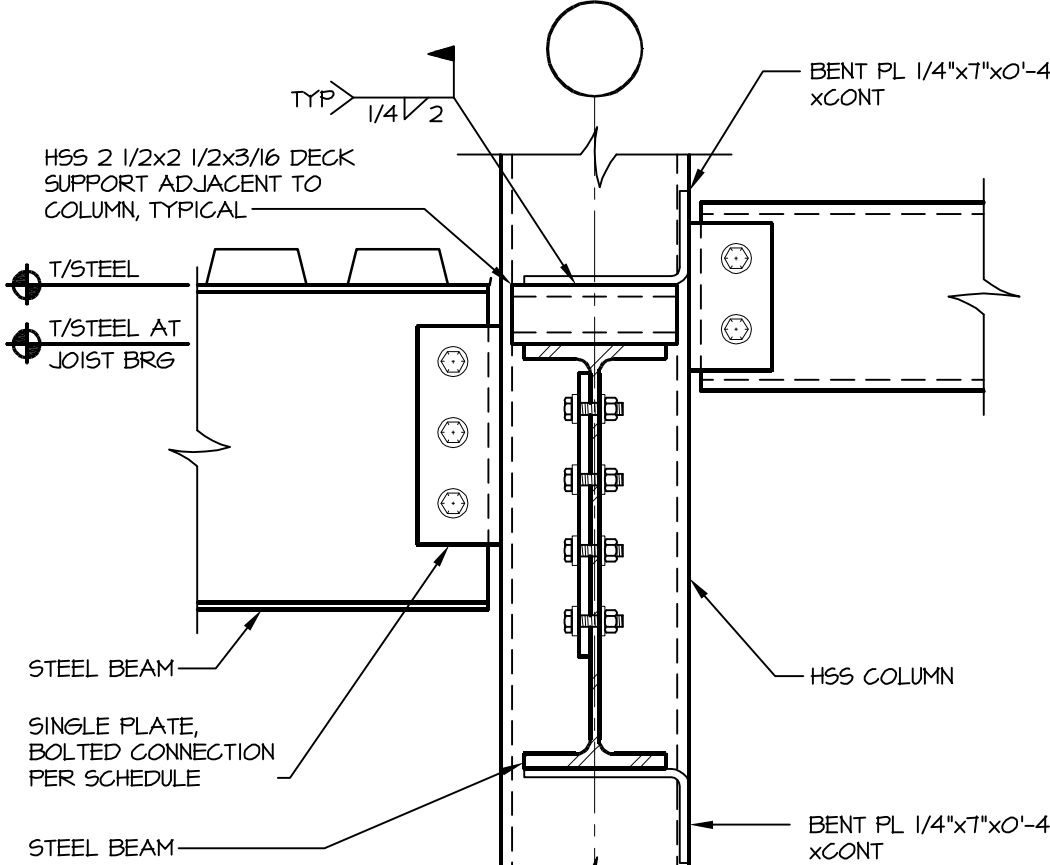
5
S202A
SCREEN WALL FRAMING
SCALE: NONE



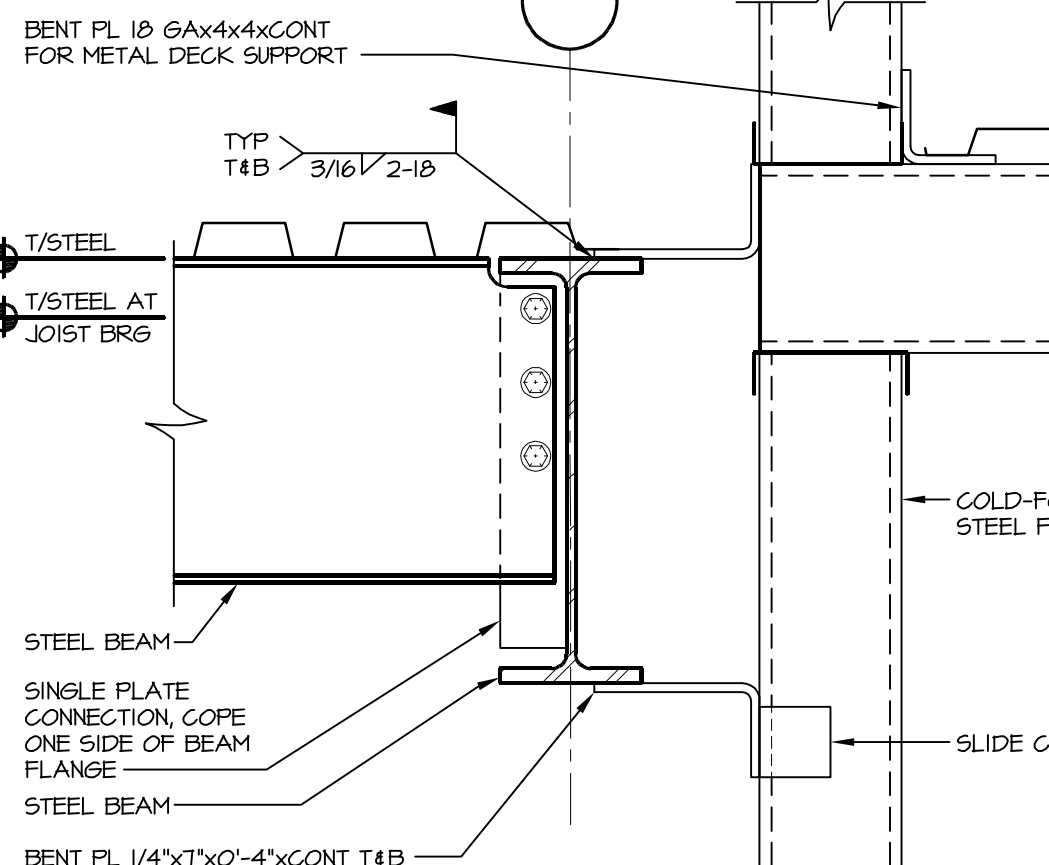
6
S202A
HSS BRACE CONNECTION
SCALE: NONE



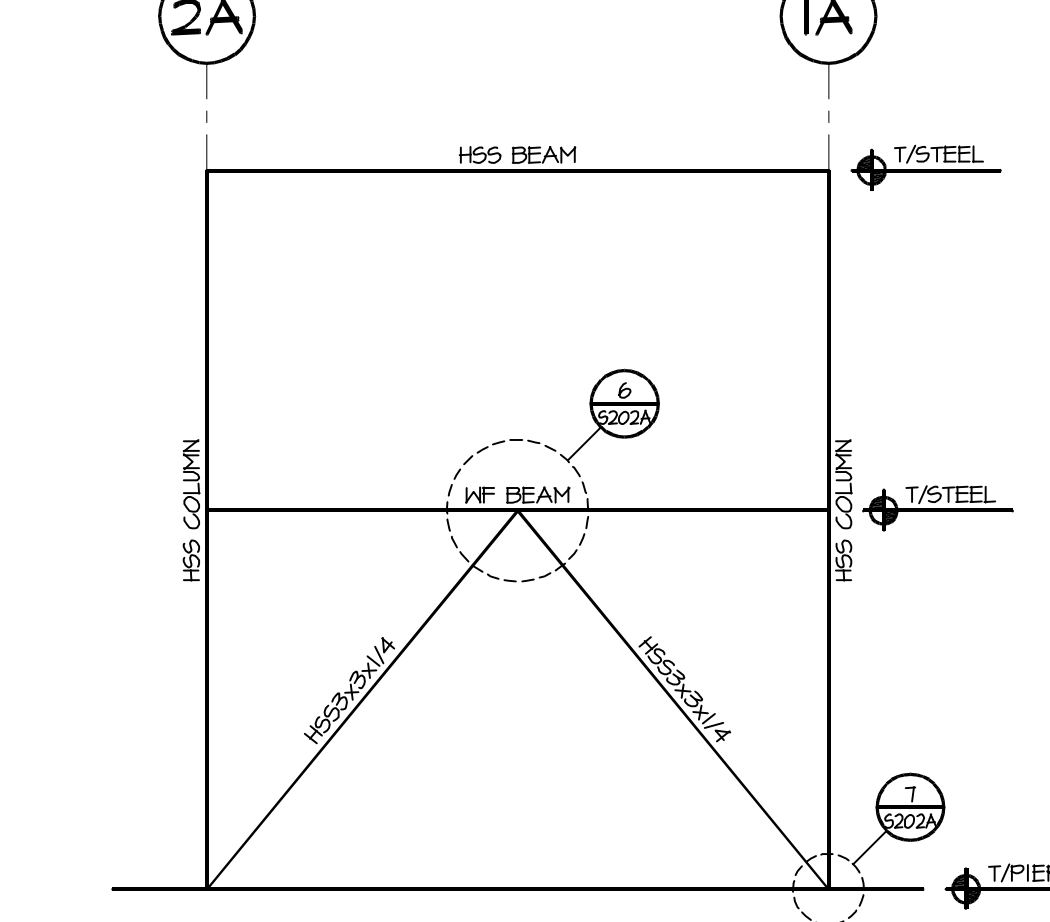
7
S202A
HSS BRACE BASE CONNECTION
SCALE: NONE



8
S202A
FRAMING CONNECTION AT LOW ROOF
SCALE: 1/2" = 1'-0"



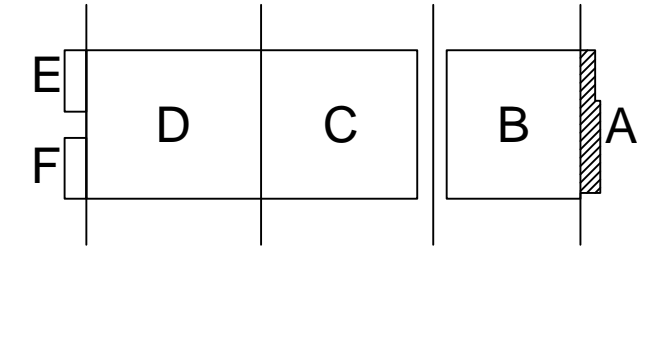
9
S202A
FRAMING CONNECTION AT LOW ROOF
SCALE: 1/2" = 1'-0"



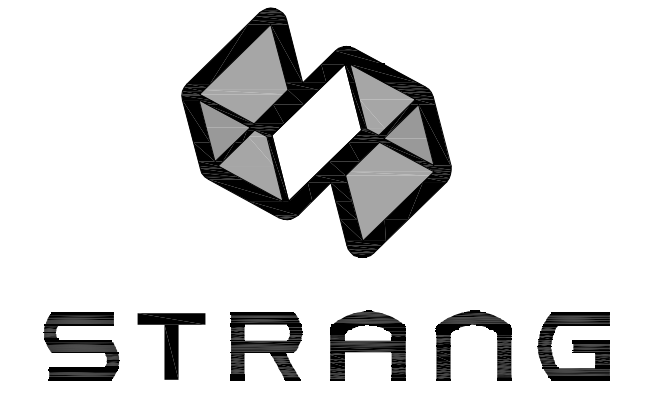
10
S202A
BRACE FRAME AT GRID LINE AA
SCALE: NONE

MASONRY WALL REINFORCEMENT SCHEDULE

MH1	8" CMU. PROVIDE (2) #5 VERT IN ADJACENT CELLS AT EACH END. REINFORCE BALANCE OF WALL W#5 VERT AT 32" OC.
MH2	8" CMU. HALL TO BE FULLY GROUTED. REINFORCE EACH END W#3 #6 VERT IN ADJACENT CELLS. REINFORCE BALANCE OF WALL W#5 VERT AT 24" OC.
MH3	8" CMU. HALL TO BE FULLY GROUTED. REINFORCE EACH END W#2 #5 VERT IN ADJACENT CELLS. REINFORCE BALANCE OF WALL W#5 VERT AT 24" OC.
MH4	8" CMU. HALL TO BE FULLY GROUTED. REINFORCE EACH END (SOUTHEAST CORNER & EAST SIDE JAMB OF VERT WINDOW) W#2 #5 VERT IN ADJACENT CELLS. REINFORCE BALANCE OF WALL W#5 VERT AT 24" OC. ALSO PROVIDE HORIZONTAL BOND BEARS AT 48" OC W#2 #4 FULL HEIGHT OF WALL.
MH5	8" CMU. PROVIDE (2) #5 VERT AT EACH END. REINFORCE BALANCE OF WALL W#5 VERT AT 32" OC.



KEY PLAN



**ARCHITECTURE
ENGINEERING
INTERIOR DESIGN**

STRANG INC.
8411 MINERAL PRINT ROAD
MADISON, WI 53705-4395
T/ 608 276 9200
F/ 608 276 9204

CONSULTANT

ARNOLD & O'SHERIDAN, INC.
726 HEARTLAND TRAIL
MADISON, WI 53717

T/ 608 821 8500	A&O PROJECT #130172
F/ 608 821 8501	Contributors are responsible for the means, methods, techniques, sequences and procedures of construction including but not limited to temporary supports, shoring, forming to support imposed loads and other similar items.
DRAWING SET	CD
COPYRIGHT	2013
FILE NAME	130172_S202A.DWG
REVISIONS	
CONSTRUCTION SET	01-08-14
ADDENDUM #1	11-01-13
DRAWN	A&O
CHECKED	TJD
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

MEZZANINE FRAMING
LOW ROOF FRAMING
AREA A

SHEET NO.

S202A