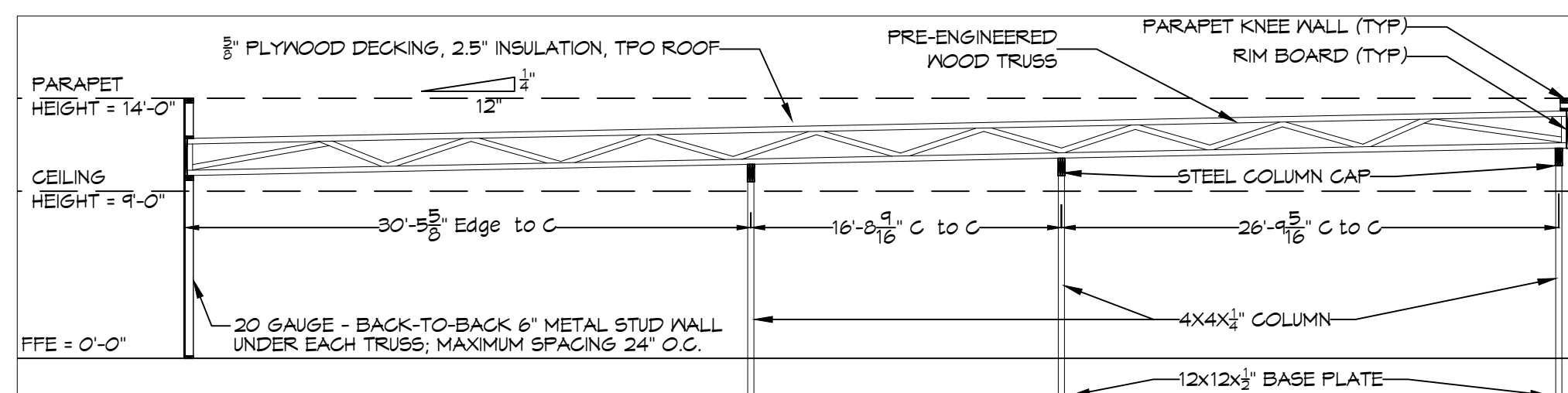
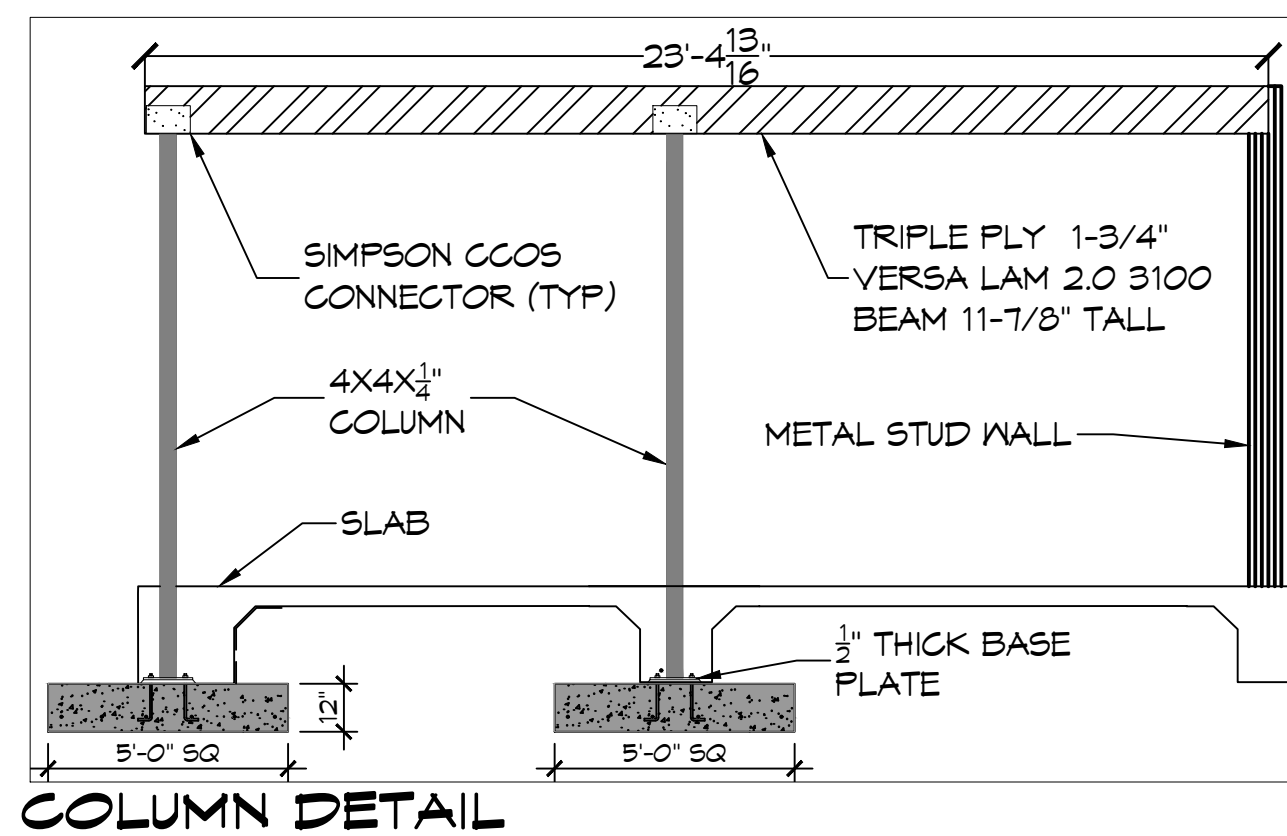


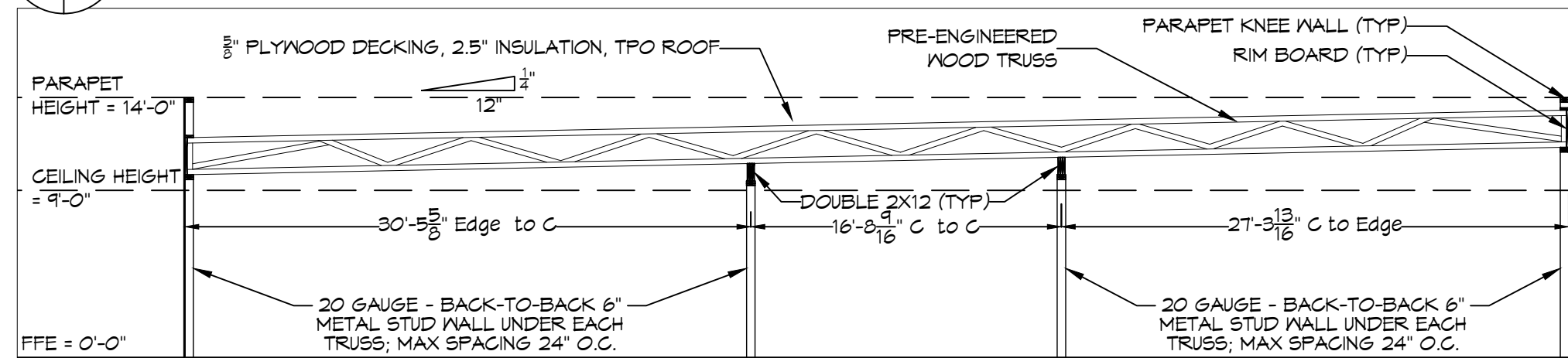
### COLD-FORMED STEEL FRAMING NOTES:

- THIS COLD-FORMED STEEL BUILDING SHALL BE CONSTRUCTED TO W/S/T 131 MPH WINDS, ROUGHNESS B, EXPOSURE B W/ HORIZONTAL WIND PRESSURES AT 32.9 PSF & VERTICAL WIND PRESSURES AT 39.6 PSF.
- SHOP DRAWINGS MUST BE CHECKED BY THE FABRICATOR & BEAR CHECKER'S INITIALS & APPROVED BY THE GENERAL CONTRACTOR BEFORE BEING SUBMITTED FOR REVIEW. REVIEW OF SHOP DRAWINGS IS LIMITED TO CHECKING FOR CONFORMANCE W/ SHOP DRAWINGS, STRENGTH OF DIMENSIONAL MEMBERS, ERRORS & OMISSIONS IN SHOP DRAWINGS.
- THE FOLLOWING DEFLECTIONS SHALL APPLY:
  - EXTERIOR LOAD-BEARING WALL FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE WALL HEIGHT.
  - INTERIOR LOAD-BEARING WALL FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE WALL HEIGHT UNDER A HORIZONTAL LOAD OF 5 LBS/SG. FT.
  - EXTERIOR NON-LOAD-BEARING FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE WALL HEIGHT.
  - ROOF RAFTER FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE HORIZONTALLY PROJECTED SPAN.
  - CEILING JOIST FRAMING: VERTICAL DEFLECTION OF 1/240 OF THE SPAN.
- FRAMING SYSTEMS SHALL PROVIDE FOR MOVEMENT OF FRAMING MEMBERS W/OUT DAMAGE OR OVERSTRESSING, SHEATHING FAILURE, CONNECTION FAILURE, UNDUE STRAIN ON FASTENERS & ANCHORS, OR OTHER DETRIMENTAL EFFECTS WHEN SUBJECT TO A MAXIMUM AMBIENT TEMPERATURE CHANGE OF 120 DEG. F.
- FRAMING SYSTEM SHALL MAINTAIN CLEARANCES AT OPENINGS, TO ALLOW FOR CONSTRUCTION TOLERANCES, & TO ACCOMMODATE LIVE LOAD DEFLECTION OF PRIMARY BUILDING STRUCTURE FOR UPWARD & DOWNWARD MOVEMENT OF 1/2 INCH.
- COLD-FORMED STEEL FRAMING: GENERAL DESIGN ACCORDING TO AISI'S STAAD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS.
  - HEADERS: DESIGN ACCORDING TO AISI'S STAAD FOR COLD-FORMED STEEL FRAMING - HEADER DESIGN.
  - DESIGN EXTERIOR NON-LOAD-BEARING WALL FRAMING TO ACCOMMODATE HORIZONTAL DEFLECTION W/OUT REGARD FOR CONTRIBUTION OF SHEATHING MATERIALS.
  - ROOF TRUSSES: DESIGN ACCORDING TO AISI'S STAAD FOR COLD-FORMED STEEL FRAMING - TRUSS DESIGN.
- LOAD-BEARING WALL FRAMING
  - STEEL STUDS: MANUFACTURER'S STARD C-SHAPED STEEL STUDS, OF WEB DEPTHS INDICATED, PUNCHED, W/ STIFFENED FLANGES.
  - STEEL TRACK: MANUFACTURER'S STARD U-SHAPED STEEL TRACK, OF WEB DEPTHS INDICATED, UNPUNCHED, W/ STRAIGHT FLANGES.
  - STEEL BOX OR BACK-TO-BACK HEADERS: MANUFACTURER'S STARD C-SHAPES USED TO FORM HEADER BEAMS, OF WEB DEPTHS INDICATED, PUNCHED, W/ STIFFENED FLANGES.
  - STEEL DOUBLE-L HEADERS: MANUFACTURER'S STARD L-SHAPES USED TO FORM HEADER BEAMS, OF WEB DEPTHS INDICATED.
- ROOF-RAFTER FRAMING
  - STEEL RAFTERS: MANUFACTURER'S STARD C-SHAPED STEEL SECTIONS, OF WEB DEPTHS INDICATED, UNPUNCHED, W/ STIFFENED FLANGES.
  - BUILT-UP MEMBERS: BUILT-UP MEMBERS OF MANUFACTURER'S STARD C-SHAPED STEEL SECTION, W/ STIFFENED FLANGES, NESTED INTO A U-SHAPED STEEL SECTION JOIST TRACK, W/ UNSTIFFENED FLANGES, UNPUNCHED, OF WEB DEPTHS INDICATED.
  - CEILING JOIST FRAMING - STEEL CEILING JOISTS: MANUFACTURER'S STARD C-SHAPED STEEL SECTIONS, OF WEB DEPTHS INDICATED, W/ STIFFENED FLANGES.
  - ANCHORS, CLIPS, & FASTENERS
    - STEEL SHAPES & CLIPS: ASTM A 36/A 36M, ZINC COATED BY HOT-DIP PROCESS ACCORDING TO ASTM A 123/A 123M.
    - ANCHOR BOLTS: ASTM F 1954, GRADE 36, THREADED CARBON-STEEL HEX-HEADED BOLTS, HEADLESS, HOOKED BOLTS & CARBON-STEEL NUTS, & FLAT, HARDENED-STEEL WASHERS, ZINC COATED BY HOT-DIP PROCESS ACCORDING TO ASTM A 153/A 153M, CLASS C.
    - EXPANSION ANCHORS: FABRICATED FROM CORROSION-RESISTANT MATERIALS, W/ CAPABILITY TO SUSTAIN W/OUT FAILURE, A LOAD EQUAL TO 5 TIMES DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 489 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
    - POWER-ACTUATED ANCHORS: FASTENER SYSTEM OF TYPE SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS, W/ CAPABILITY TO SUSTAIN W/OUT FAILURE, A LOAD EQUAL TO 10 TIMES DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 1190 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
    - MECHANICAL FASTENERS: ASTM C 1913, CORROSION-RESISTANT-COATED, SELF-DRILLING, SELF-TAPPING STEEL DRILL SCREWS, HEAD TYPE, LOW-PROFILE HEAD BENEATH SHEATHING, MANUFACTURER'S STARD ELSEWHERE.
- FABRICATE GOLD-FORMED METAL FRAMING & ACCESSORIES PLUMB, SQUARE, & TRUE TO LINE, & W/ CONNECTIONS SECURELY FASTENED, ACCORDING TO REFERENCED AISI'S SPECIFICATIONS & STARDS, MANUFACTURER'S WRITTEN INSTRUCTIONS, & REQUIREMENTS IN THIS SECTION.
  - FABRICATE FRAMING ASSEMBLIES USING JIGS OR TEMPLATES.
  - CUT FRAMING MEMBERS BY SAWING OR SHEARING; DO NOT TORCH CUT.
  - FASTEN GOLD-FORMED METAL FRAMING MEMBERS BY WELDING, SCREEN FASTENING, CLING FASTENING, OR RIVETING AS STARD W/ FABRICATOR. WIRE TYING OF FRAMING MEMBERS IS NOT PERMITTED COMPLY W/ AISI D13 REQUIREMENTS & PROCEDURES FOR WELDING, APPEARANCE & QUALITY OF WELDS, & METHODS USED IN CORRECTING WELDING WORK. LOCATE MECHANICAL FASTENERS & INSTALL ACCORDING TO SHOP DRAWINGS, W/ SCREEN PENETRATING JOINED MEMBERS BY NOT LESS THAN THREE EXPOSED SCREEN THREADS.
  - FASTEN OTHER MATERIALS TO COLD-FORMED METAL FRAMING BY WELDING, BOLTING, OR SCREEN FASTENING, ACCORDING TO SHOP DRAWINGS.



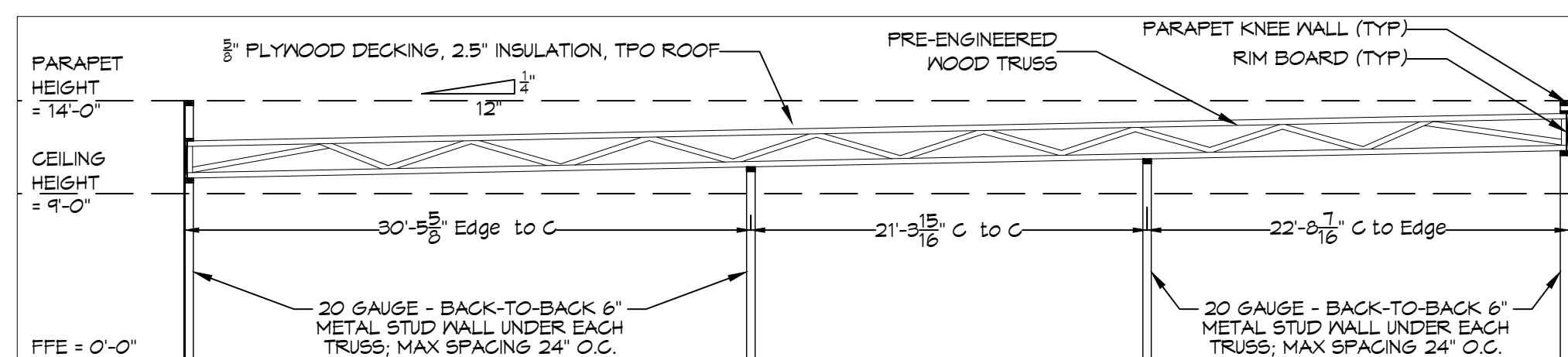
**J SECTION VIEW**

5201 5202 SCALE: 1/8" = 1'-0"



**H SECTION VIEW**

5201 5202 SCALE: 1/8" = 1'-0"

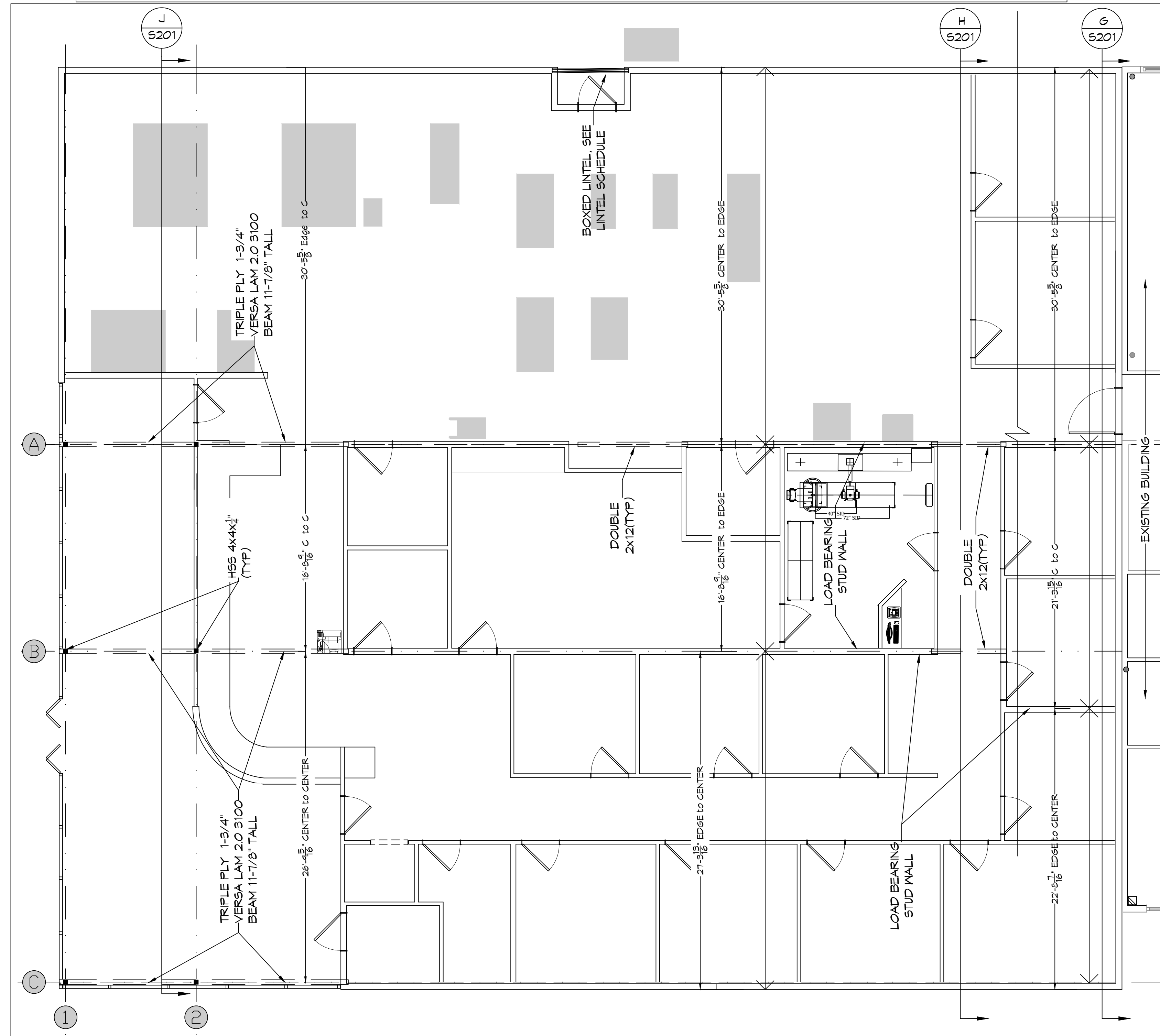


**G SECTION VIEW**

5201 5202 SCALE: 1/8" = 1'-0"

### METAL - STRUCTURAL STEEL

- A. SPECIFICATIONS: DESIGN, FABRICATION, & ERECTION ARE TO BE GOVERNED BY THE LATEST REVISIONS OF THE FOLLOWING UNLESS NOTED OTHERWISE (U.N.O.):
- AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360-10).
  - AISC CODE OF STARD PRACTICE (CONTRACTOR SHALL SUBMIT STEEL SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION).
  - AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS (ALLOWABLE STRESS DESIGN).
  - STRUCTURAL WELDING CODE, AWS D1.1 OF THE AMERICAN WELDING SOCIETY. WELDING PERSONNEL, I.I.D. PROCEDURES ARE TO BE QUALIFIED PER AWS D 1.1.
- B. MATERIALS:
- WIDE FLANGE & I/T SHAPES SHALL BE ASTM A992, FY = 50 KSI, U.N.O.
  - ALL OTHER HOT-ROLLED SHAPES SHALL BE ASTM A36, FY = 36 KSI, U.N.O.
  - STEEL PIPES SHALL BE ASTM A53, TYPE-S (SEAMLESS) GRADE B, U.N.O.
  - HOLLOW STRUCTURAL SECTIONS (HSS) SHALL BE ASTM A500, GRADE B, U.N.O.
  - PLATES & BARS SHALL BE ASTM A36, U.N.O.
- C. BOLTS
- ALL BOLTS SHALL BE ASTM A325 HIGH STRENGTH W/ HARDENED WASHERS & HEAVY HEX NUTS U.N.O.
  - ALL BOLT HOLES SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER U.N.O.
  - ALL BOLTS, NUTS, & WASHERS SHALL BE GALVANIZED, U.N.O.
- D. CONNECTIONS:
- ALL CONNECTIONS SHALL BE SHOP WELDED & FIELD BOLTED U.N.O.
  - MINIMUM NUMBER OF BOLTS FOR ALL CONNECTIONS SHALL BE (4) U.N.O.
  - SPACING OF BOLTS SHALL BE 3 INCHES U.N.O.
  - EDGE DISTANCE OF BOLTS SHALL BE 1-1/2 INCHES U.N.O.
  - ALL CLIP ANGLES SHALL BE MINIMUM L3X3X 1/4 U.N.O.
  - GUSSET PLATE 3/8 (MIN) THICKNESS REQUIRED U.N.O.
- E. WELDS
- ALL WELDS SHALL BE W/ E70XX ELECTRODES IN ACCORDANCE W/ AWS D1.1. USE HIGHER STRENGTH ELECTRODE IF REQUIRED BY AWS D1.1 (ALL WELDING SHALL BE PERFORMED BY AWS QUALIFIED WELDERS).
  - MINIMUM SIZE OF FILET WELD SHALL BE 3/16" U.N.O.
  - SEAL WELD AROUND ALL WELDED CONNECTIONS WHERE WELDING IS NOT INDICATED TO PROVIDE WATER-TIGHT CONNECTION.
  - FULL STRENGTH FIELD WELDS IN MATERIALS OVER 5/8 INCH THICK & WELDED FIELD SPLICES OF IN MEMBERS SHALL BE SUBJECT TO NON-DESTRUCTIVE TESTING BY AN INDEPENDENT LABORATORY.
- F. COATINGS
- ALL UNEXPOSED STEEL SHALL BE SHOP PAINTED (IN ACCORDANCE W/ AISC STARDS) OR GALVANIZED.
  - ALL STEEL SHALL BE GALVANIZED OR PAINTED PER PROJECT NOTES.
  - AFTER ERECTION CONTRACTOR SHALL TOUCH UP W/ PAINT, GALVANIZING COMPOUND OR APPROVED COATING ALL ABRADED AREAS.
- G. FIELD QUALITY CONTROL
- INSPECTION OF FIELD ASSEMBLIES IN ACCORDANCE W/ AISC SPECIFICATION FOR STRUCTURAL JOINTS. INSPECTION SHALL INCLUDE APPROVAL OF PROCEDURE FOR CALIBRATION OF WRENCHES & INSTALLATION OF BOLTS.
  - THE BOLTS SHALL BE CHECKED BY TESTING AGENCY. THE BOLT TENSION SHALL NOT BE LESS THAN THAT REQUIRED BY SPECIFICATIONS FOR STRUCTURAL JOINTS.
- H. MISCELLANEOUS
- METAL ROOFING (IF APPLICABLE) SHALL BE PER OWNER & MEET THE WIND REQUIREMENTS OF THIS DRAWING & GOVERNING BUILDING CODE.
  - SEAL ENDS OF OPEN MEMBERS SUCH AS PIPES & TUBES W/ 1/2 INCH THICK PLATE & 1/2 INCH SEAL WELDS UNLESS SPECIFICALLY NOTED OTHERWISE.



**15 STRUCTURAL FRAMING PLAN**

SCALE: 1/8" = 1'-0"

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI

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Chief Engineer: Brian Mistrich, PE  
554 Old Spanish Trail  
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#	DESCRIPTION	DATE
1	Revised Floor Plan	5/12/2022



NEW ADDITION  
**HONTASMOB**

1201 LA HWY 21  
COVINGTON, LA 70433  
JOB NO: 2443  
DATE: 6-19-2022  
DRAWN BY: DFP  
CHECKED BY: CKD

SHEET TITLE:  
**STRUCTURAL FRAMING PLAN**

DRAWING NUMBER:  
**S201**

SHEET No: 8 of 14