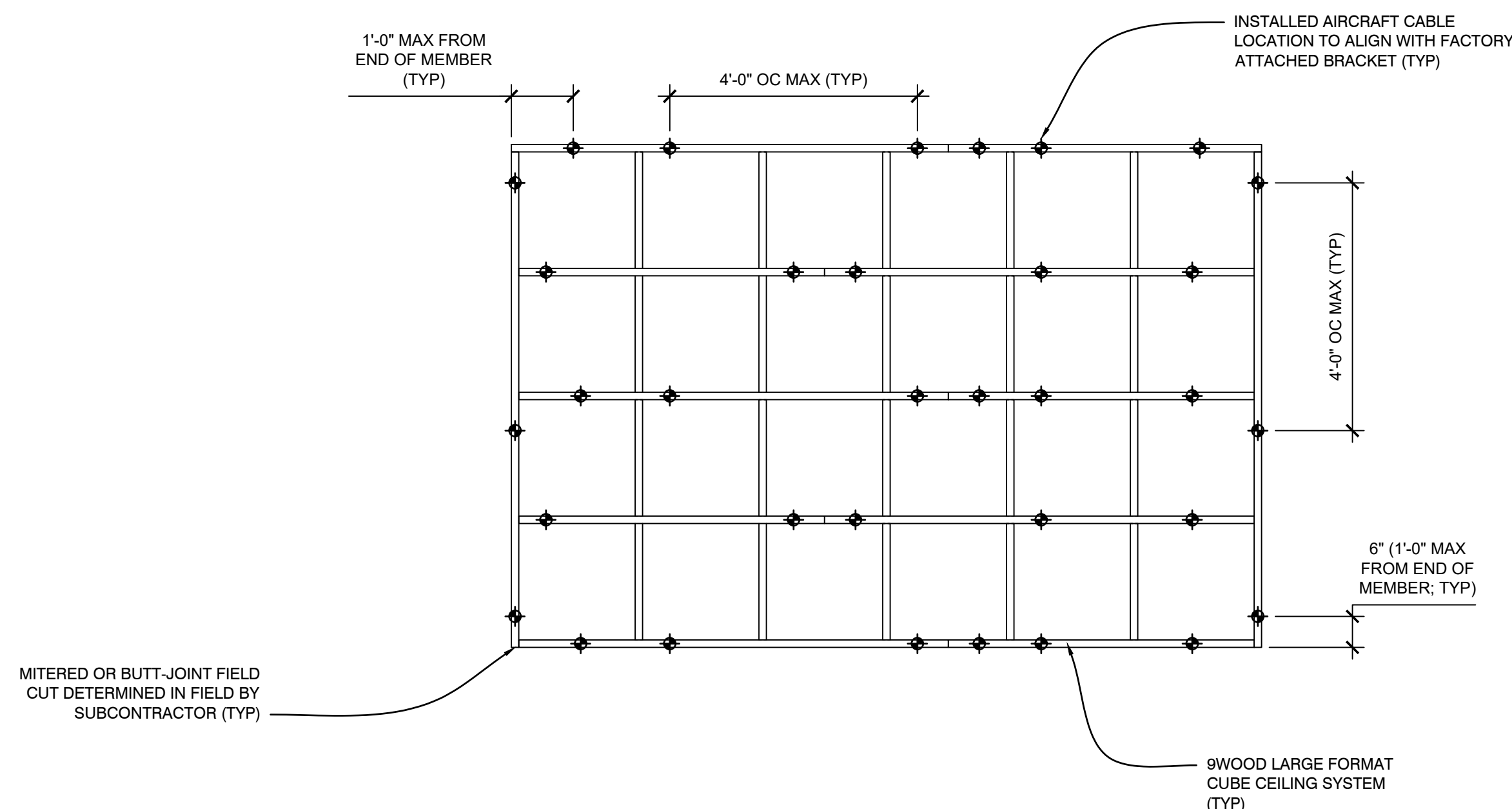


GENERAL CONTRACT NOTES

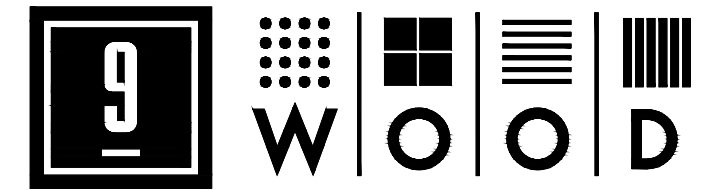
1. **WOOD LARGE FORMAT CEILING SYSTEM** (FOR SKU: SKU: 6700)
- **PROFILE:** SEE SYSTEM DETAILS PAGE FOR WOOD MEMBER PROFILE.
 - **FIRE-RATING:** INDIVIDUAL PRODUCT COMPONENTS COMPLY WITH CLASS 1(A) FIRE RETARDANT TESTING (SEE SPECIFICS ON WOOD PROPOSAL). ASTM E-84 SUBMITTAL DATA IS BASED ON MANUFACTURER AND / OR SUPPLIER TESTS. PRODUCT ASSEMBLY TESTING HAS NOT BEEN COMPLETED DUE TO UNFEASIBILITY OF TESTING CUSTOM ASSEMBLIES WHICH VARY ON A PROJECT-BY-PROJECT BASIS.
 - **CUBE DETAILS:** LOOSE PERIMETER MAIN, INNER MAIN, AND CROSS MEMBERS ARE PROVIDED IN A VARIETY OF SIZES. SIZES ARE TO BE FIELD VERIFIED BY THE SUBCONTRACTOR PRIOR TO FABRICATIONS.
 - **FINISH:** THE WOOD CEILING MEMBERS WILL BE FINISHED PER THE WOOD PROPOSAL (ARCHITECT TO APPROVE A CONTROL SAMPLE PRIOR TO FABRICATION).
2. **PRODUCT PREPARATION**
- **CRATING:** A FORK LIFT AND / OR LOADING DOCK IS REQUIRED FOR REMOVAL OF CRATE FROM THE TRUCK AT THE JOB SITE. ONCE THE CRATES CONTAINING THE WOOD CEILING SYSTEM HAVE REACHED THE JOB SITE, PLACE THEM IN AN AREA WHERE THEY WILL NOT BE DAMAGED. NEXT, REMOVE THE SIDES OF THE CRATES SO THAT THE ARCHITECTURAL WOOD PRODUCT INSIDE CAN ACCLIMATE (SEE ACCLIMATIZATION IN THIS SECTION).
 - **RELATIVE HUMIDITY REQUIREMENTS:** PRIOR TO ACCLIMATIZATION AND INSTALLATION OF THIS ARCHITECTURAL WOOD PRODUCT, WOOD, INC. REQUIRES THAT THE RELATIVE HUMIDITY IS MAINTAINED AT LEVELS WHICH CONFORM TO WOOD'S PRODUCT WARRANTY AND THAT ARE INTENDED FOR THE PROJECT WHEN OCCUPIED.
 - **ACCLIMATIZATION:** PRIOR TO INSTALLATION, THIS ARCHITECTURAL WOOD PRODUCT MUST REACH EQUILIBRIUM OF MOISTURE CONTENT IN AN ENVIRONMENT MATCHING THE TEMPERATURE AND RELATIVE HUMIDITY OF THE INSTALLING AREA OF INTENDED PLACEMENT (A MINIMUM OF 72 HOURS IS RECOMMENDED BEFORE FIRST TESTING FOR MOISTURE EQUILIBRIUM).
 - **WARRANTY PROCESS:** PRIOR TO INSTALLATION AND AFTER ACCLIMATIZATION, IF THIS ARCHITECTURAL WOOD PRODUCT HAS CHANGED AND NO LONGER MEETS ACCEPTABLE CISCA CONFORMANCE CRITERIA (PER CISCA WOOD CEILING TECHNICAL GUIDELINES), NOTIFY WOOD, INC. IMMEDIATELY.
3. **SUSPENSION SYSTEM**
- **CEILING TYPE:** AIRCRAFT CABLE (SHIPPED LOOSE BY WOOD AND INSTALLED IN FIELD BY SUBCONTRACTOR) DIRECTLY ATTACHED TO THE STRUCTURE ABOVE. SEE SUSPENSION GUIDELINES ON THIS PAGE FOR RECOMMENDED SUSPENSION LAYOUT AND OC SPACING. **NOTE: IF AS-BUILD MEASUREMENTS DIFFER FROM THE THEORETICAL DIMENSIONS REQUIRING FIELD VERIFICATION (IF SHOWN IN THESE PLANS), THE SUSPENSION LAYOUT MAY CHANGE. ALL DIMENSIONS ARE TO BE FIELD VERIFIED BY THE SUBCONTRACTOR PRIOR TO FABRICATION.**
 - **SUPPLIER:** ALL SUSPENSION COMPONENTS INCLUDING BUT NOT LIMITED TO ALL FASTENERS ARE TO BE SUPPLIED AND INSTALLED BY THE SUBCONTRACTOR UNLESS OTHERWISE NOTED.
 - **SEISMIC CONFORMANCE:** ALL SUSPENSION SYSTEMS ARE TO BE INSTALLED PER ALL LOCAL CODES AND SEISMIC REQUIREMENTS BY THE SUBCONTRACTOR.
4. **INSTALLATION**
- **LARGE FORMAT CUBE CEILING:** THE INSTALLATION PROCESS BEGINS BY SECURING THE WOOD SUPPLIED AIRCRAFT CABLES FROM THE STRUCTURE ABOVE WHERE THE INNER MAIN RUNNERS ARE TO BE INSTALLED. NEXT, BRING THE FIRST INNER MAIN RUNNER UP TO POSITION AND SLIDE THE BALL END OF THE AIRCRAFT CABLE INTO THE CABLE BRACKET WHICH IS FACTORY ATTACHED ON THE BACKSIDE OF THE MEMBER. REPEAT THIS PROCESS AT EACH CABLE BRACKET ON THE MEMBER. NOW THAT THE FIRST INNER MEMBER IS IN ITS FINISHED POSITION AND ELEVATION, BRING UP THE NEXT MEMBER TO THE END JOINT OF THE PREVIOUSLY INSTALLED. ATTACH THE AIRCRAFT CABLE TO THE BRACKETS THE SAME AS BEFORE. NEXT, ALIGN THE ENDS OF THE TWO SUSPENDED MEMBERS AND THE CORRESPONDING DOWEL PIN. ONCE PROPERLY ALIGNED, PRESS THE TWO ENDS FIRMLY TOGETHER SO THAT THE ENDS ARE TIGHT TO ONE ANOTHER. ONCE THE INNER MAIN RUNNERS HAVE BEEN INSTALLED, THE PERIMETER MAIN RUNNERS CAN BE LIFTED INTO PLACE AND SUSPENDED IN THE SAME FASHION. THE INNER MAIN RUNNER WILL BE SECURED IN THE FIELD TO THE PERIMETER MAINS VIA PIN NAIL AND PUTTY (PERFORMED IN THE FIELD BY THE SUBCONTRACTOR). THE OUTSIDE CORNERS OF THE PERIMETER WILL NEED TO BE FIELD CUT AND PIN NAILED IN PLACE. ONCE ALL OF THE PERIMETER AND INNER WOOD MAIN RUNNERS HAVE BEEN INSTALLED AND THE MODULE HAS BEEN SET, ALL OF THE CROSS MEMBERS CAN BE LIFTED INTO PLACE WHILE ENGAGING THE CORRESPONDING DOVETAIL PROFILES OF THE CROSS MEMBER AND THE MAIN RUNNERS. FINALLY, ALL OF THE STRAIGHT, CORNER, AND CROSS JOINTS SHOULD BE SECURED WITH THE VARYING BRACKET TYPES SHIPPED LOOSE BY WOOD (SEE PLAN DETAILS ON SYSTEM DETAILS PAGE).
5. **FIELD CONDITIONS**
- **FIELD CUTTING:** SOME COMPONENTS MAY REQUIRE FIELD CUTTING AT SOME PERIMETER CONDITIONS. THE MAXIMUM MEMBER CANTILEVER SHOULD NOT EXCEED 12". FIELD CUT ENDS MUST BE ADEQUATELY SECURED, ALL FIELD CUTS ARE TO BE ACCOMPLISHED BY THE SUBCONTRACTOR.
 - **FINISH:** FIELD CUT EDGES MAY REQUIRE A MATCHING FINISH AND PUTTY (PERFORMED IN THE FIELD BY THE SUBCONTRACTOR).
6. **GRAIN AND COLOR VARIATION**
- WOOD IS A NATURAL PRODUCT AND WILL, THEREFORE, BE COMPOSED OF VARYING WOOD GRAIN AND COLOR. INSPECT THE WOOD COMPONENTS PRIOR TO INSTALLATION TO DETERMINE IF THE MATERIAL MEETS THE GUIDELINES LAID OUT BY THE SPECIFICATION AND ARCHITECT APPROVALS. DO NOT INSTALL THE WOOD CEILING COMPONENTS THAT EXCEED THE GUIDELINES.
7. **ABBREVIATIONS**
- REFERENCED FROM THE NATIONAL CAD STANDARD'S UNIFORM DRAWINGS SYSTEM TERMS AND ABBREVIATIONS MODULE.
8. **CAD STANDARDS**
- THESE SHOP DRAWINGS ARE COMPLIANT WITH THE U.S. NATIONAL STANDARDS.



SUSPENSION GUIDELINES

NOTES:

- SUSPENSION SYSTEM TO BE INSTALLED PER LOCAL CODE AND SEISMIC REQUIREMENTS (BY THE SUBCONTRACTOR).
- THESE GUIDELINES ARE PRODUCT SPECIFIC AND INTENDED TO HELP GUIDE THE INSTALLATION.
- SCALE: 1/2" = 1'-0".



DIVISION 9 ENGINEERED-TO-ORDER WOOD CEILINGS

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FACSIMILE 888.767.9998

WWW.9WOOD.COM
ENGINEERING@9WOOD.COM

PROJECT CERTIFICATIONS: YES ☐ NO ☒

PROJECT

PROJECT NUMBER:

PROPOSAL NUMBER:

REVISION HISTORY

10		
9		
8		
7		
6		
5		
4		
3		
2		
1		
0		RELEASE FOR APPROVALS
REV#	DATE	DESCRIPTION

SHEET INFORMATION

DRAWING TYPE: SHOP DRAWINGS

DRAWN BY: KJS

STANDARDS REVIEW: RAC

TECHNICAL REVIEW: RAC

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KEY NOTES

- | | |
|---|---|
| 1 | FACTORY ATTACHED AIRCRAFT
CABLE BRACKET (TYP) |
| 2 | AIRCRAFT CABLE WITH FACTORY ATTACHED BALL
ENDING (TYP; SHIPPED LOOSE AND INSTALLED IN
FIELD BY SUBCONTRACTOR) |
| 3 | PERIMETER CONSISTION (TYP; BY OTHERS) |

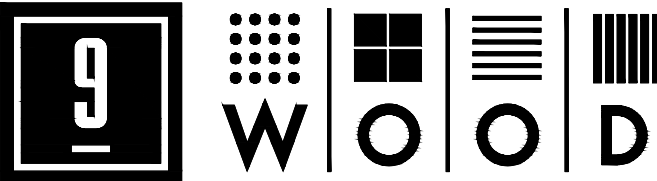
SHEET TITLE

GENERAL CONTRACT NOTES AND SUSPENSION GUIDELINES

Z-001

SHEET 1 OF 3

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KEY NOTES

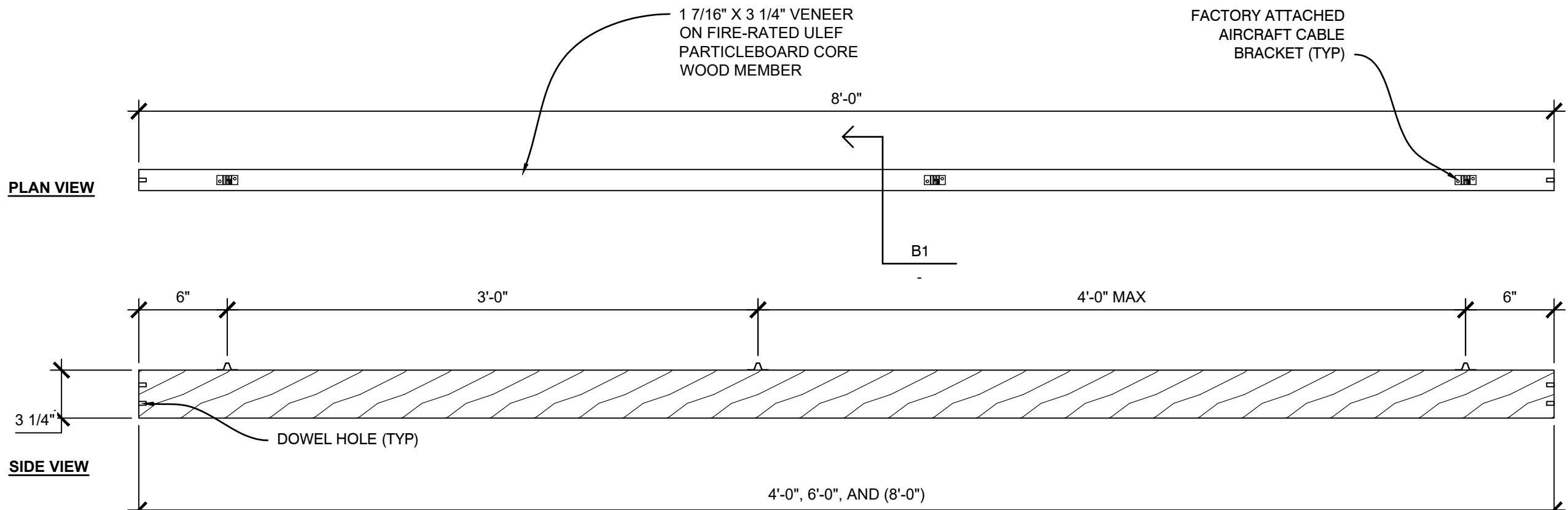
- FACTORY ATTACHED AIRCRAFT CABLE BRACKET (TYP)
- AIRCRAFT CABLE WITH FACTORY ATTACHED BALL ENDING (TYP; SHIPPED LOOSE AND INSTALLED IN FIELD BY SUBCONTRACTOR)
- PERIMETER CONSITION (TYP; BY OTHERS)

SHEET TITLE

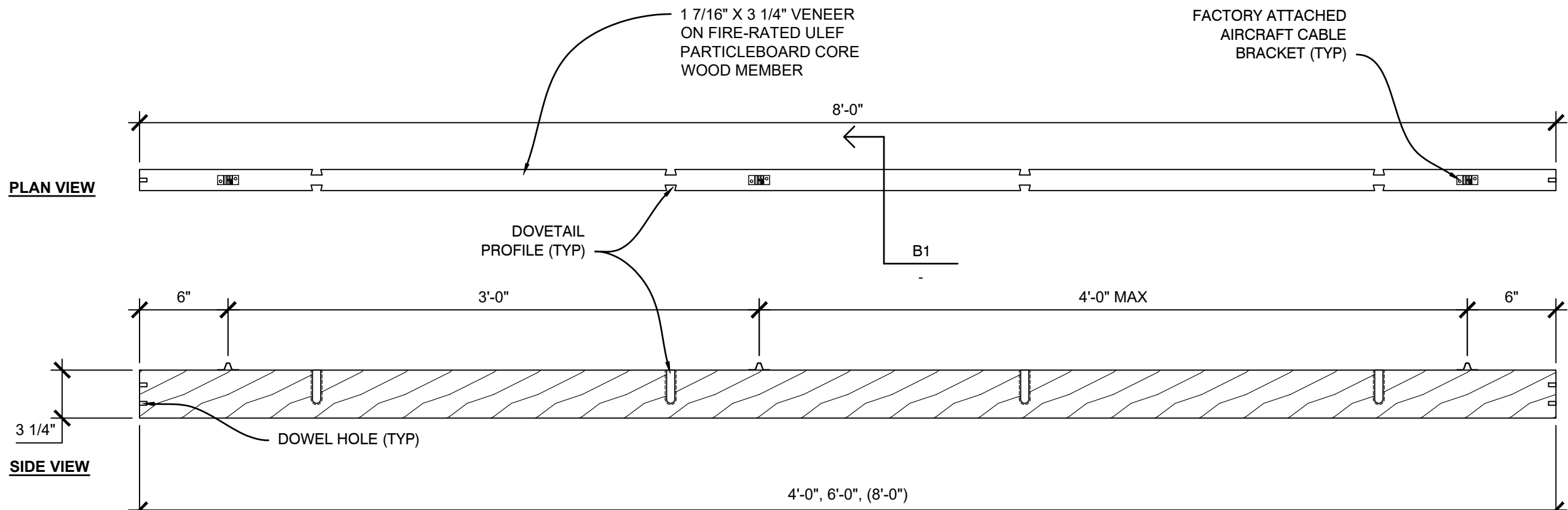
SYSTEM DETAILS

Z-501

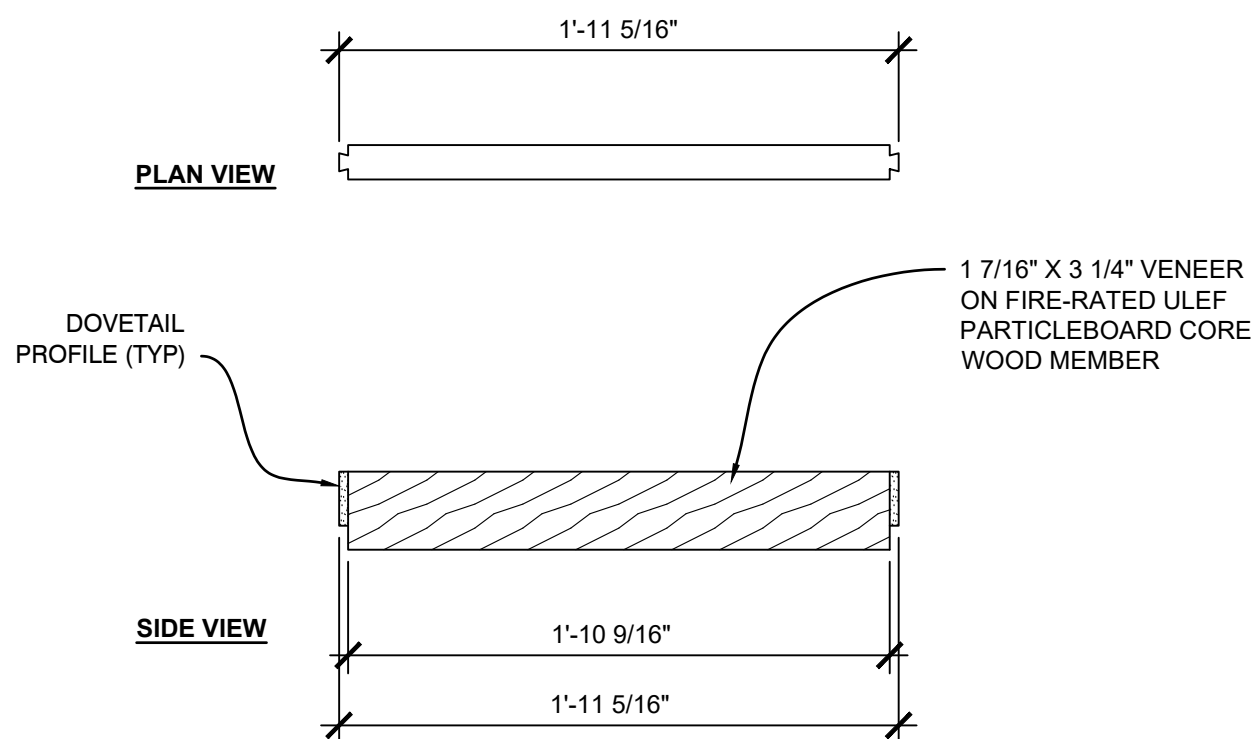
SHEET 3 OF 3



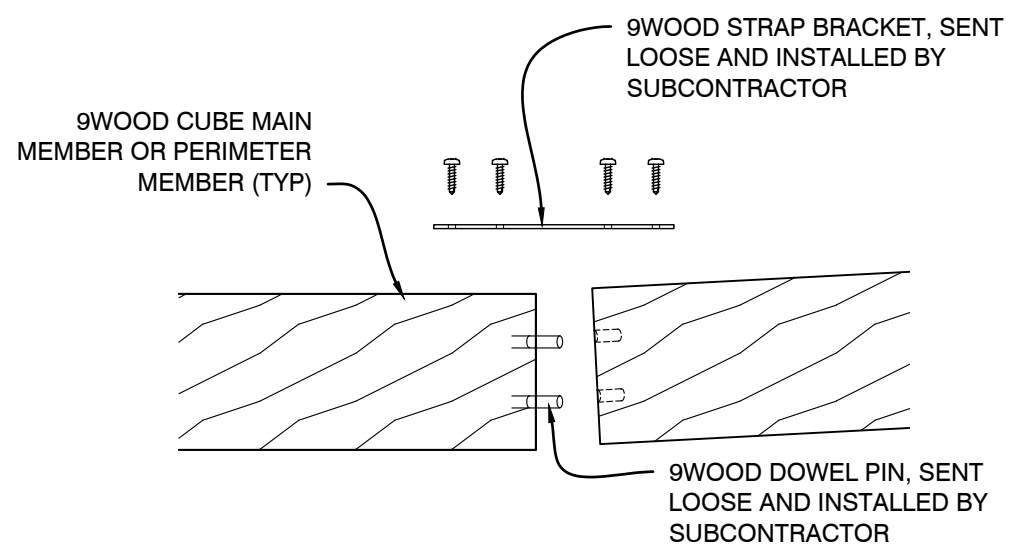
D1 MULTIPLE VIEWS - WOOD PERIMETER MAIN RUNNER "P.8"
SCALE: 1 1/2" = 1'



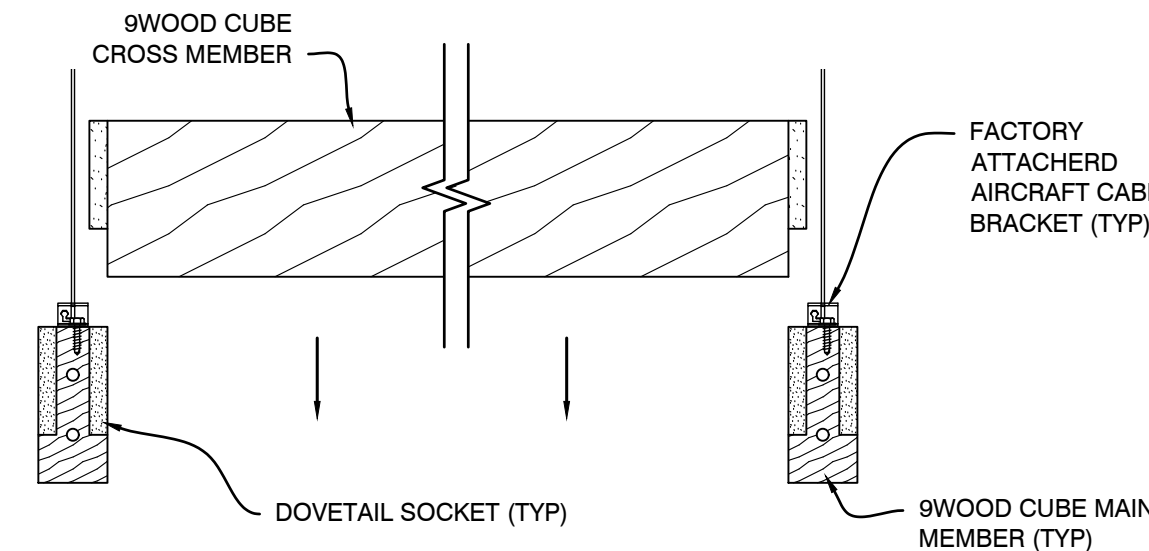
D3 MULTIPLE VIEWS - WOOD MAIN RUNNER "M.8"
SCALE: 1 1/2" = 1'



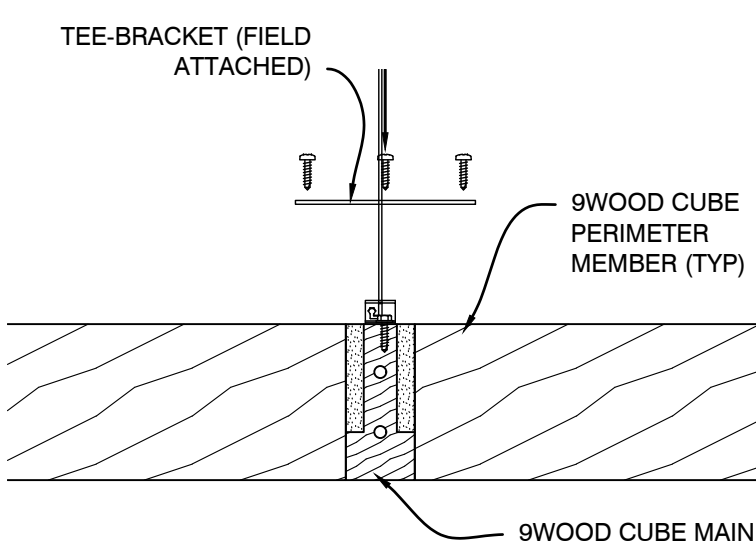
C1 MULTIPLE VIEWS - WOOD CROSS MEMBER
SCALE: 1 1/2" = 1'



STEP 1
SUSPEND PERIMETER MAIN RUNNERS FROM AIRCRAFT CABLES WITH THE FACTORY ATTACHED AIRCRAFT CABLE BRACKET 4'-0" OC (MAX). MOVE PROGRESSIVELY AROUND THE PERIMETER OF THE SPACE UNTIL ALL PERIMETER MAIN RUNNERS ARE SUSPENDED. ONCE THE PERIMETER MAIN RUNNERS HAVE BEEN INSTALLED, MOVE THE FIRST INNER MAIN RUNNER INTO THE DOVETAIL JOINT AND SECURE THEM WITH BRACKET. INSTALL THE REST OF THE INNER MAIN RUNNERS PROGRESSIVELY TOWARD THE PERIMETER AT THE OPPOSITE SIDE OF THE SPACE WITH DOWEL PINS, AND SECURE THE JOINTS WITH STRAP BRACKETS.



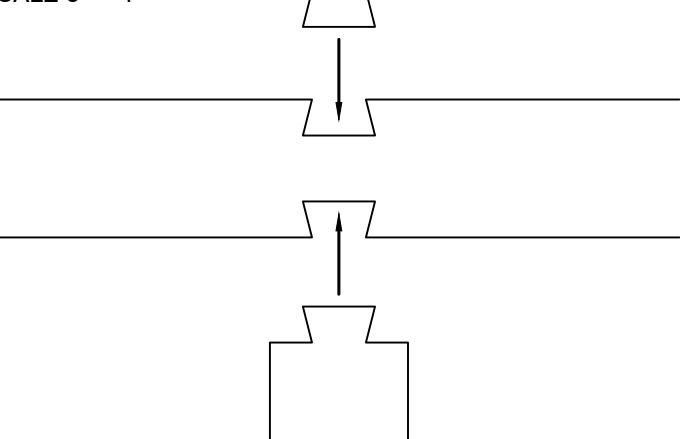
STEP 2
ONCE THE INNER MAIN RUNNERS HAVE BEEN INSTALLED, MOVE THE CROSS MEMBERS INTO PLACE ABOVE THE INNER MAIN RUNNERS. SLIDE THE FACTORY MILLED DOVETAILS ON THE CROSS MEMBERS INTO THE DOVETAIL PROFILES IN THE INNER MAIN RUNNERS. CONTINUE PROCESS TOWARD THE PERIMETER ON THE OPPOSITE SIDE OF THE SPACE.



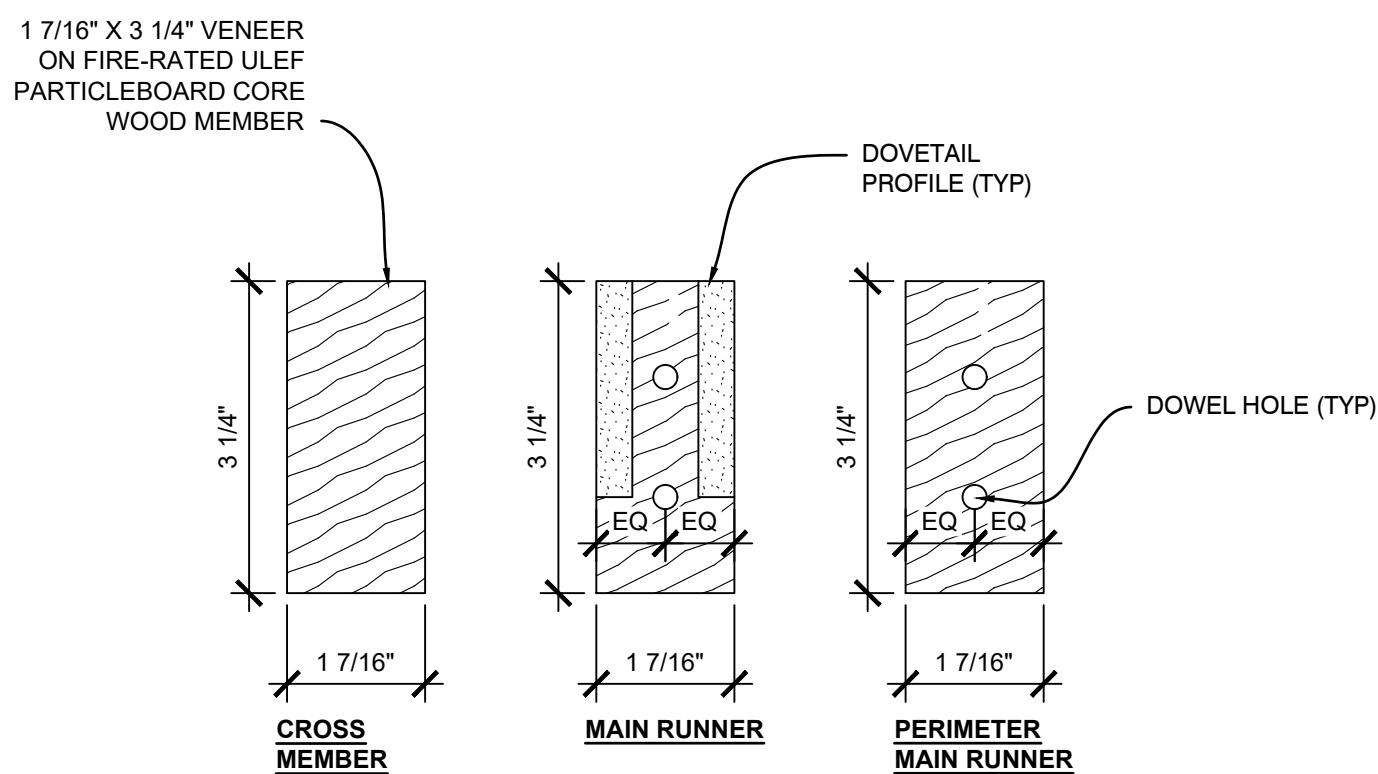
STEP 3
ONCE THE INNER MAIN RUNNERS AND CROSS MEMBERS ARE IN PLACE, INSTALL METAL TEE BRACKETS AT THE CONNECTION OF THE PERIMETER MAIN RUNNERS AND THE INNER MAIN RUNNERS, AND INSTALL METAL BRACKETS AT THE CONNECTION OF THE INNER MAIN RUNNERS AND THE CROSS MEMBERS.

NOTE:
• PRE-DRILLING IS RECOMMENDED FOR THE BRACKET FASTENERS (BY SUBCONTRACTOR).

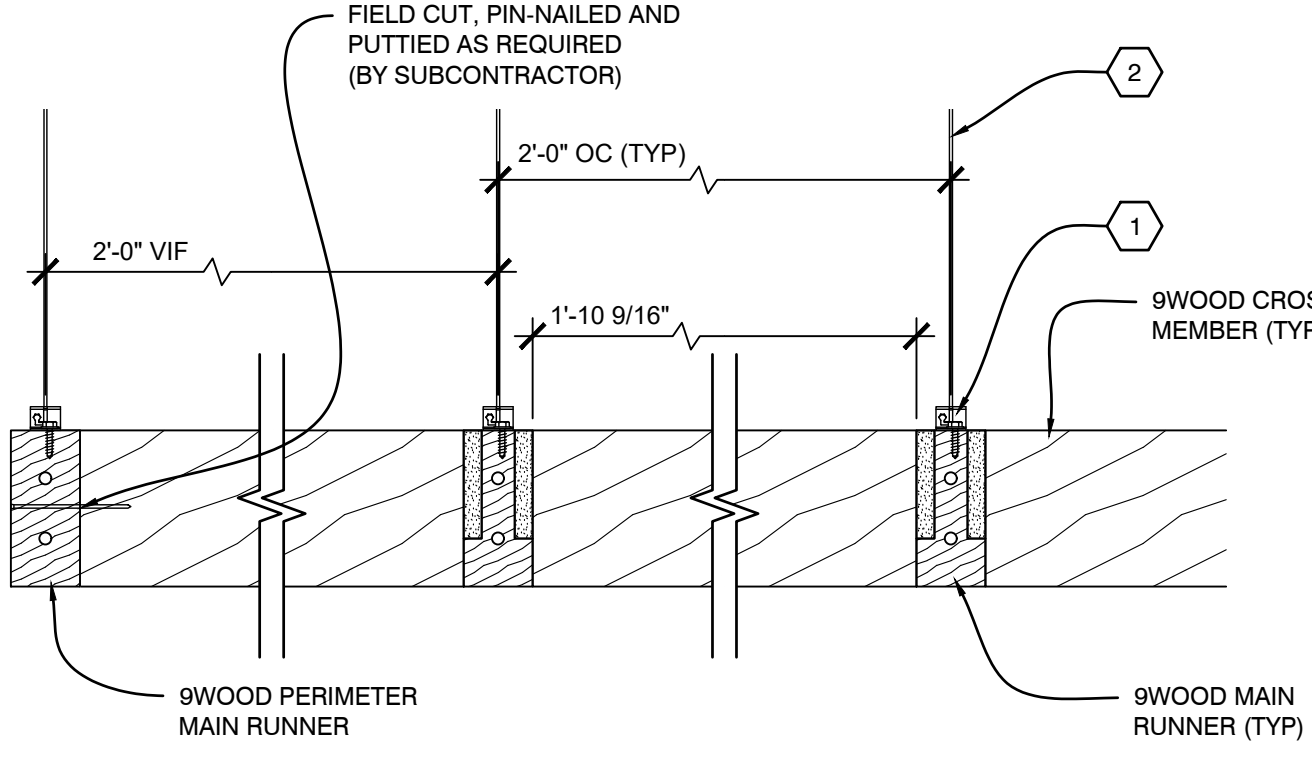
INSET A: DOVETAIL JOINT INSTALLATION
SCALE 6" = 1'



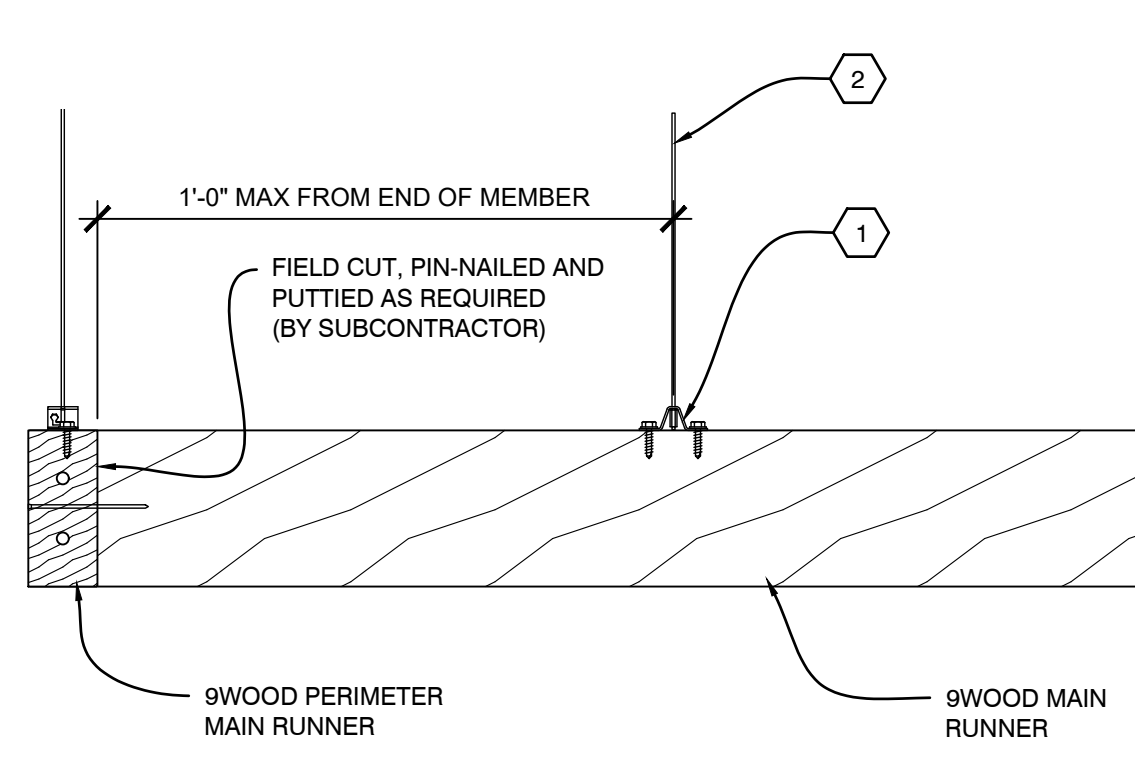
C2 INSTALLATION PROCESS - LARGE FORMAT CUBE CEILING SYSTEM
SCALE: 1/4" = 1"



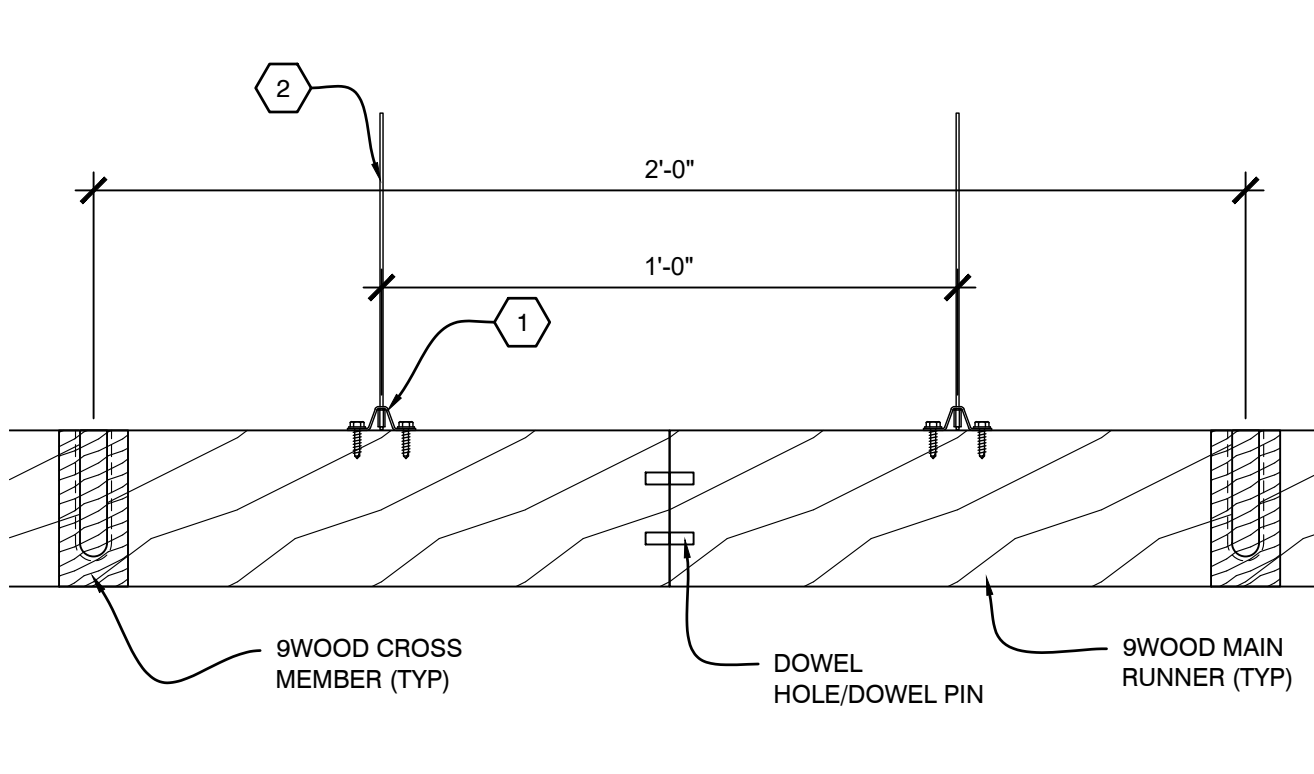
B1 SECTION VIEWS - WOOD MEMBERS
SCALE: 1/2" = 1"



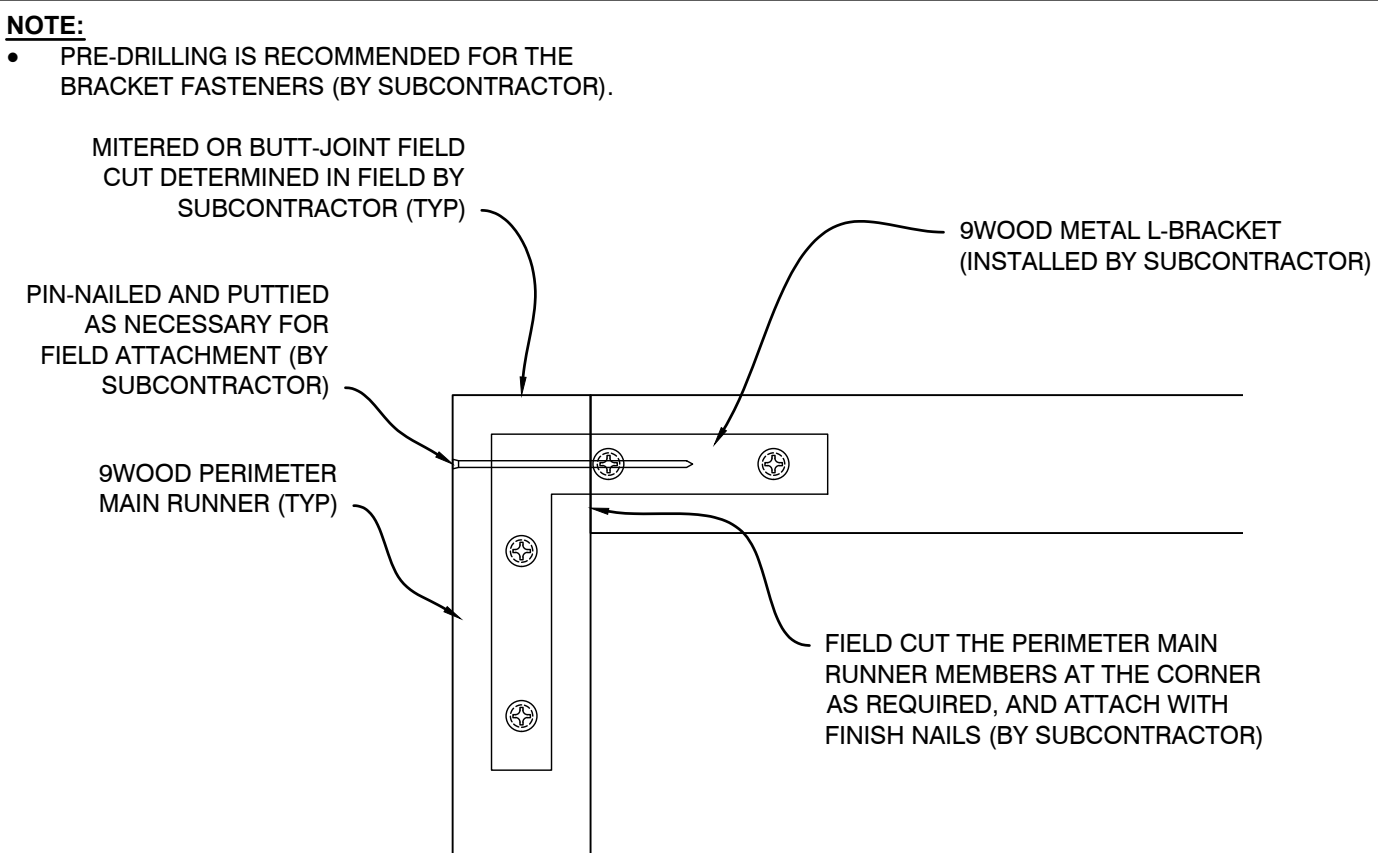
B2 SECTION - CROSS MEMBER PERIMETER
SCALE: 1/2" = 1"



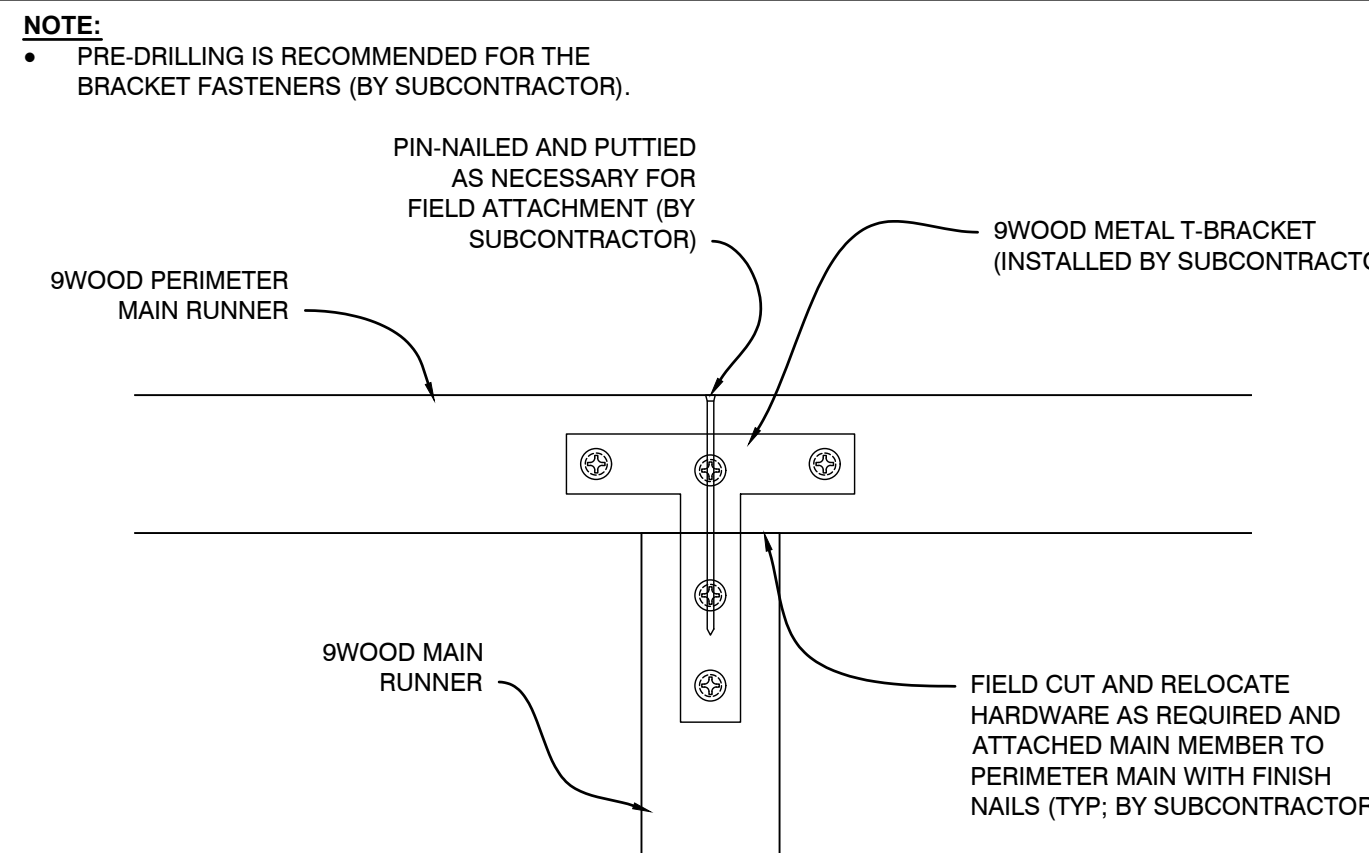
B3 SECTION - MAIN MEMBER PERIMETER
SCALE: 1/4" = 1"



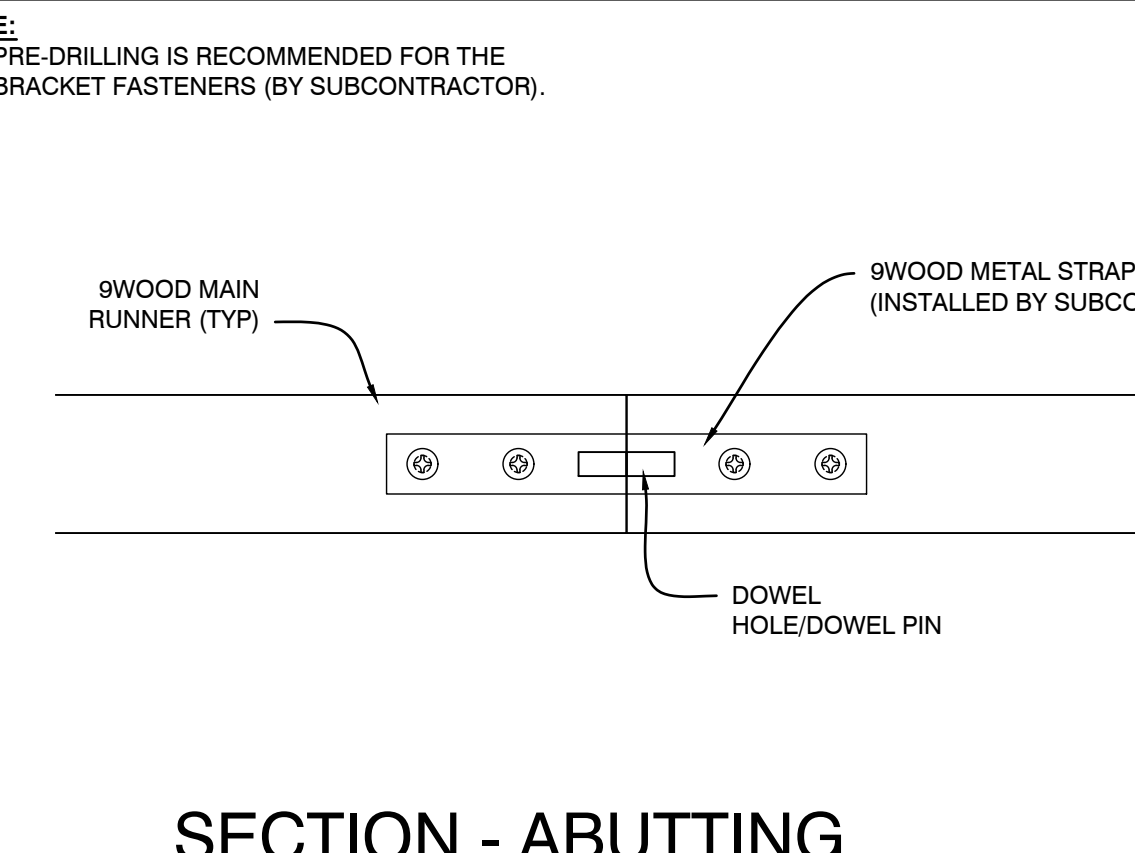
B4 SECTION - ABUTTING MEMBERS
SCALE: 1/4" = 1"



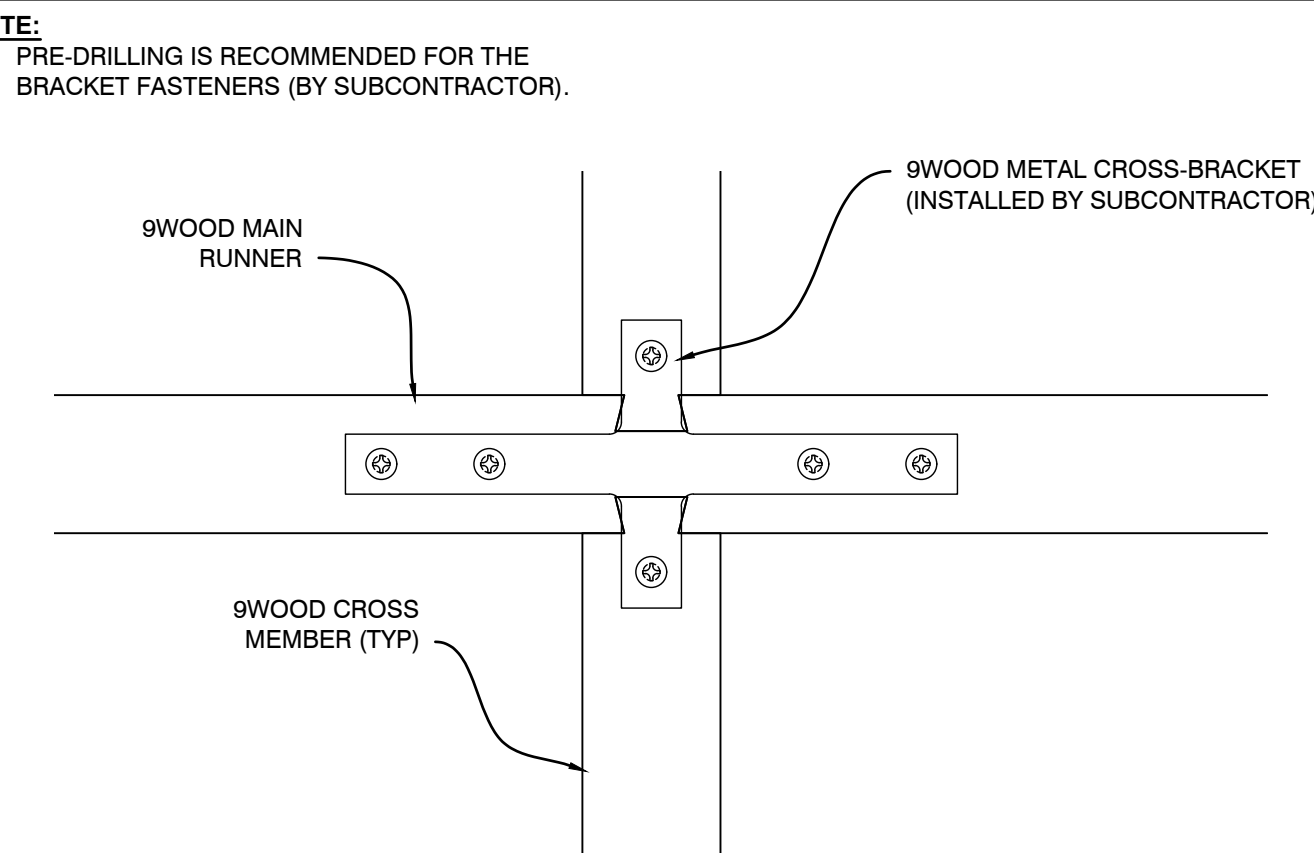
A1 SECTION - PERIMETER
SCALE: 1/4" = 1"



A2 SECTION - PERIMETER
SCALE: 1/4" = 1"



A3 SECTION - ABUTTING DOWEL JOINERY
SCALE: 1/4" = 1"



A4 SECTION - DOVE TAIL JOINERY
SCALE: 1/4" = 1"