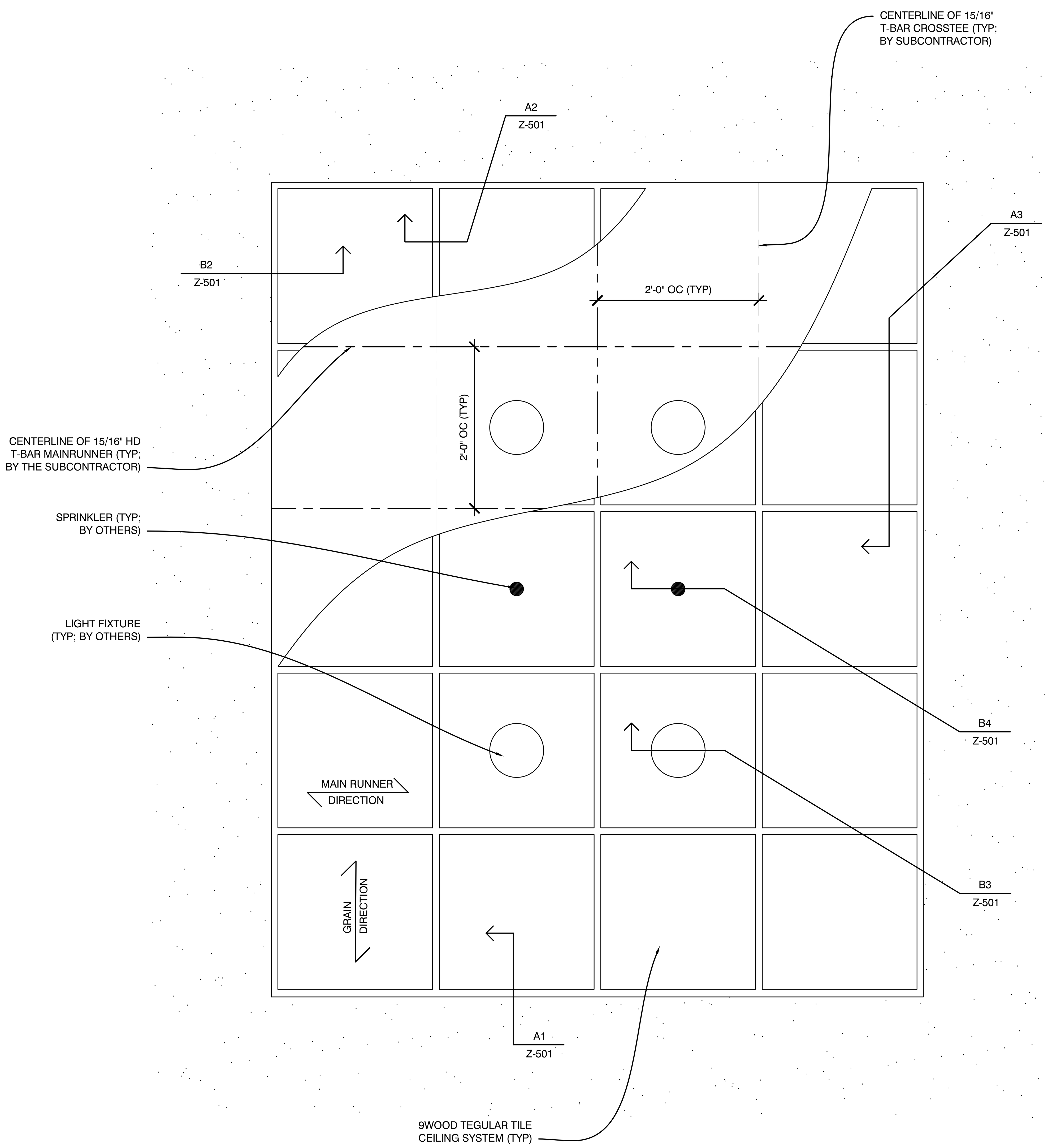
SUSPENSION GUIDELINES

NOTE:
- THIS RCP IS NOT PROJECT SPECIFIC. IT IS PRODUCT SPECIFIC AND IS INTENDED TO HELP GUIDE THE INSTALLATION OF THE T-BAR GRID SYSTEM.
- SUSPENSION SYSTEM TO BE INSTALLED PER LOCAL CODE AND SEISMIC REQUIREMENTS (BY THE SUBCONTRACTOR).
- SCALE: 1" = 1'-0"



GENERAL CONTRACT NOTES

1. 9WOOD TEGULAR TILE CEILING SYSTEM - SKU: 4124-24
   - **PANEL SIZE:** 23 3/8" 23 3/8".

2. PRODUCT PREPARATION
   - **CRATING:** 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, 9WOOD, INC. REQUIRES THAT THE RELATIVE HUMIDITY IS MAINTAINED AT LEVELS WHICH CONFORM TO 9WOOD'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 BUILDING 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 9WOOD, INC. IMMEDIATELY.

3. SUSPENSION SYSTEM
   - **CEILING TYPE:** 15/16" HEAVY DUTY T-BAR GRID SYSTEM SUSPENDED DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES. SEE DETAIL A1 ON T HIS PAGE FOR RECOMMENDED SUSPENSION LAYOUT AND OC SPACING. **NOTE: IF AS-BUILT 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 T-BAR MAIN RUNNERS, T-BAR CROSS TEES, SUPPLEMENTAL SUSPENSION MEMBERS, HANGER WIRES, WALL ANGLE, FURRING, AND 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
   - **TEGULAR TILE CEILING:** THE 9WOOD TEGULAR TILE CEILING SYSTEM UTILIZES 9WOOD TEGULAR CLIPS INSTALLED ON ALL FOUR EDGES OF THE WOOD CEILING TILES FOR SUSPENSION OF THE WOOD CEILING TILES FROM THE 15/16" HEAVY DUTY T-BAR GRID. THE TEGULAR CLIPS ARE INTENDED TO REST ON THE FLANGES OF THE T-BAR SUSPENSION SYSTEM. THE REVEAL BETWEEN THE WOOD CEILING TILES WILL BE THE SAME AS THE WIDTH OF THE T-BAR USED FOR THE SUSPENSION SYSTEM PLUS 1/16" FOR EXPANSION AND CONTRACTION. REFERRING TO THE INSTALLATION DETAIL (SEE DETAIL C2 ON PAGE Z-501), THE FIRST TEGULAR WOOD CEILING TILE IS LIFTED UP AND THROUGH THE T-BAR SUSPENSION SYSTEM ABOVE AT ABOUT A 45° ANGLE AND ROTATED BY ABOUT 45°. THIS ALLOWS THE TEGULAR WOOD CEILING TILE TO FIT BETWEEN THE MAIN RUNNERS AND CROSS TEES. ONCE THE TEGULAR WOOD TILE IS ABOVE THE SUSPENSION SYSTEM, ROTATE THE TILE INTO POSITION. AFTER THE TEGULAR TILE IS ROTATED INTO POSITION, LOWER THE TILE AND SET ALL FOUR EDGES OF TEGULAR CLIPS ONTO THE FLANGES OF THE T-BAR MAIN RUNNERS AND CROSS TEES. AFTER THE FIRST TEGULAR WOOD CEILING TILE HAS BEEN INSTALLED, THE REMAINING TEGULAR WOOD TILES WILL BE INSTALLED CAN BE INSTALLED IN ANY INCREMENT DESIRED TOWARD THE PERIMETER ON THE OPPOSITE SIDE. SOME TEGULAR WOOD TILES MAY REQUIRE FIELD CUTTING / RIPPING AT THE PERIMETER CONDITIONS (IN THE FIELD BY THE SUBCONTRACTOR).

5. FIELD CONDITIONS
   - **FIELD CUTTING:** SOME COMPONENTS WILL REQUIRE FIELD CUTTING / FIELD RIPPING AT SOME PERIMETERS AS WELL AS LIGHT FIXTURES, SPRINKLERS, DIFFUSERS, AND OTHER PENETRATIONS (PERFORMED IN THE FIELD BY THE SUBCONTRACTOR). THE MAXIMUM TEGULAR TILE CANTILEVER SHOULD NOT EXCEED 3". FIELD CUTTING AT PERIMETERS MAY REQUIRE THAT THE TEGULAR CLIPS BE REMOVED AND RELOCATED. IF THE CUT IS TOO COMPLICATED OR THE FIELD CUT TEGULAR TILE TOO SMALL TO ATTACH VIA THE TEGULAR CLIP SYSTEM, DIRECT ATTACHING TO SUPPLEMENTAL T-BAR MAIN RUNNERS MAY BE REQUIRED (IN THE FIELD BY THE SUBCONTRACTOR). THIS MAY REQUIRE THE USE OF SHIM MATERIAL WHICH IS PROVIDED AND INSTALLED BY THE SUBCONTRACTOR.
   - **FINISH:** FIELD CUT EDGES MAY REQUIRE MATCHING EDGEBANDING, A MATCHING STAIN, AND A CLEAR SATIN STANDARD FINISH BE APPLIED TO THE RAW SURFACE (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.

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FSC CERTIFIED PROJECT: YES ☐ NO ☑

PROJECT

PROJECT NUMBER:

PROPOSAL NUMBER:

REVISION HISTORY

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

SHEET INFORMATION

DRAWING TYPE: SHOP DRAWINGS
DRAWN BY: KJS
STANDARDS REVIEW: RAC
TECHNICAL REVIEW: RAC

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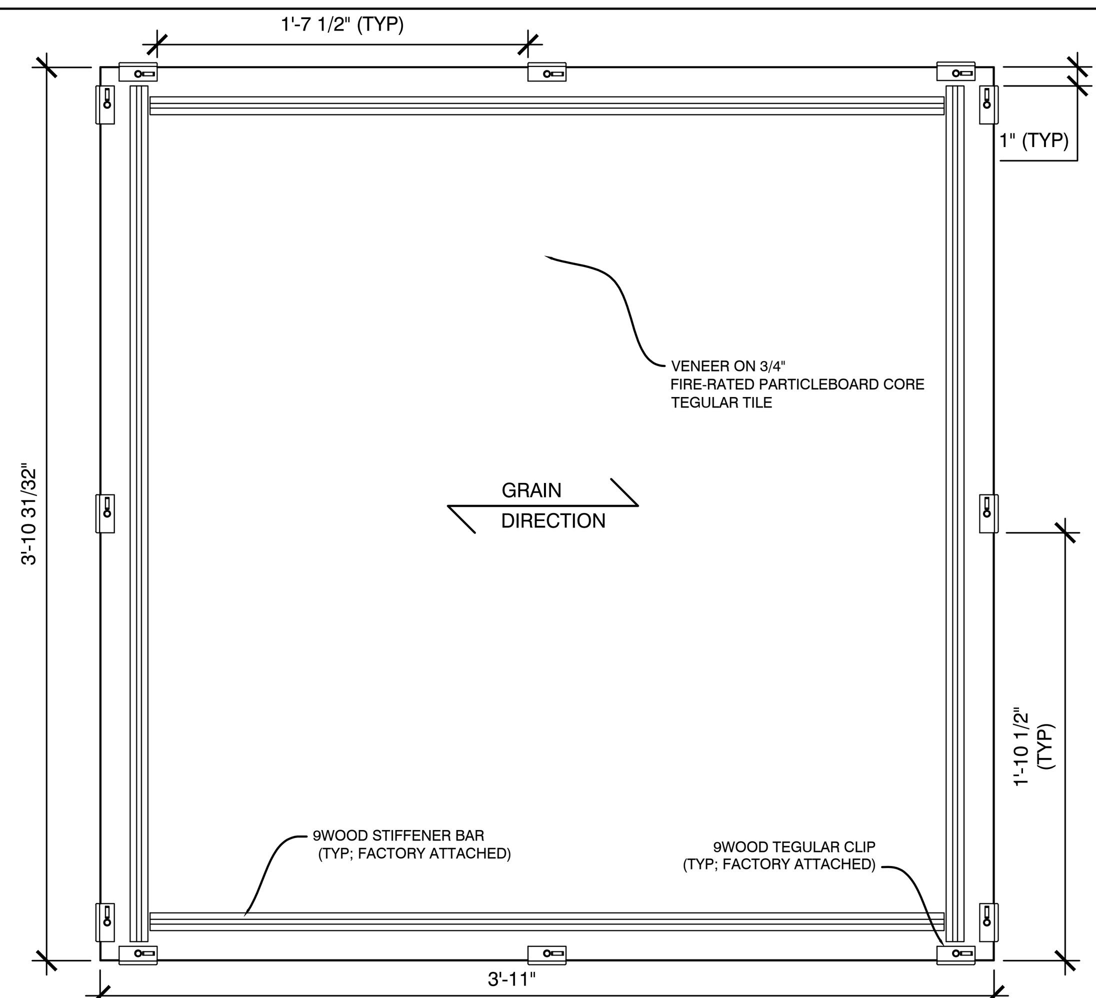
KEY NOTES

1. 15/16" HEAVY DUTY T-BAR MAIN RUNNER (TYP; BY SUBCONTRACTOR)
2. 15/16" T-BAR CROSS TEE (TYP; BY SUBCONTRACTOR)
3. HANGER WIRE (TYP; BY SUBCONTRACTOR)
4. WALL ANGLE AND APPROPRIATE INSTALLATION FASTENER (TYP; BY SUBCONTRACTOR)
5. PERIMETER CONDITION (TYP; BY OTHERS)

SHEET TITLE

GENERAL CONTRACT NOTES AND SUSPENSION GUIDELINES



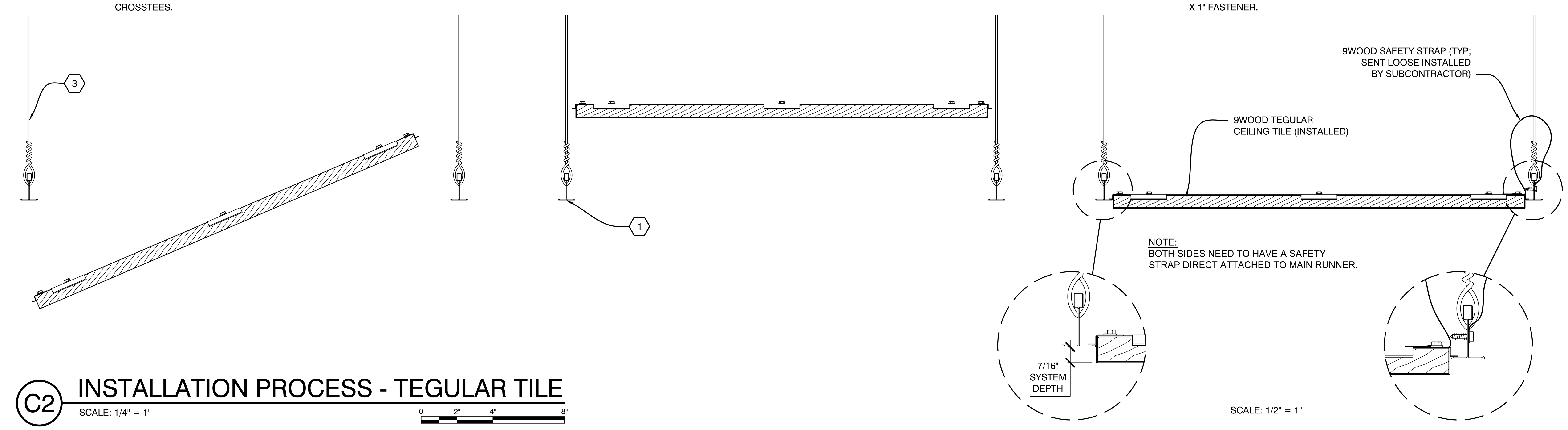
C1 PLAN VIEW - TEGULAR TILE "A"

SCALE: 1 1/2" = 1'

STEP 1
LIFT THE END OF THE WOOD TILE UP AND THROUGH THE SUSPENSION SYSTEM AT ABOUT A 45° ANGLE AND ROTATED ABOUT 45°. THIS WILL ALLOW THE WOOD TILE TO FIT BETWEEN THE SUSPENSION MAINRUNNERS AND CROSSTEES.

STEP 2
ONCE THE WOOD TILE IS ABOVE THE SUSPENSION, ROTATE THE TILE INTO POSITION.

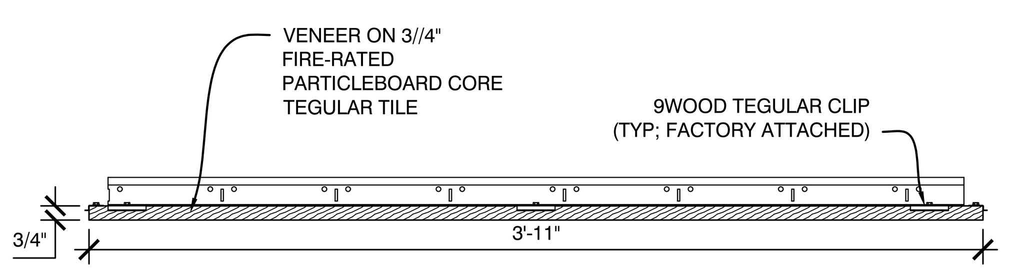
STEP 3
AFTER THE WOOD TILE IS IN POSITION, SET ALL FOUR SIDES OF THE TEGULAR CLIPS ON THE FLANGE OF THE SUSPENSION MAIN RUNNERS AND CROSS TEES. DIRECT ATTACH THE SAFETY STRAP TO THE MAIN RUNNER WITH A #8 X 1" FASTENER.



SCALE: 1/2" = 1"

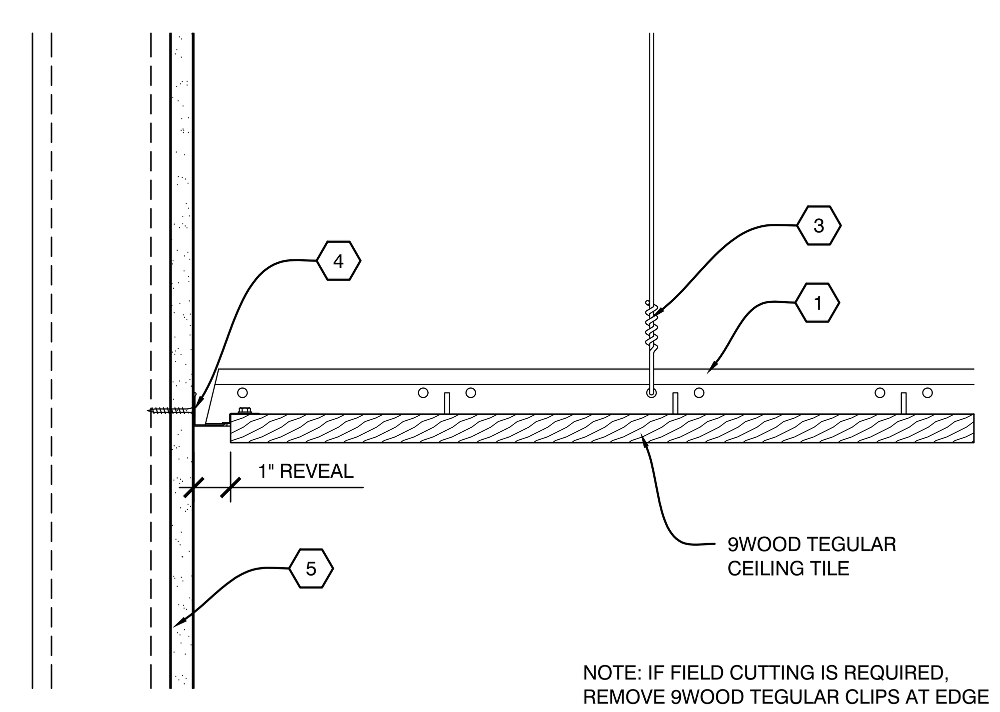
C2 INSTALLATION PROCESS - TEGULAR TILE

SCALE: 1/4" = 1"



B1 SECTION - WOOD TILE

SCALE: 1 1/2" = 1'

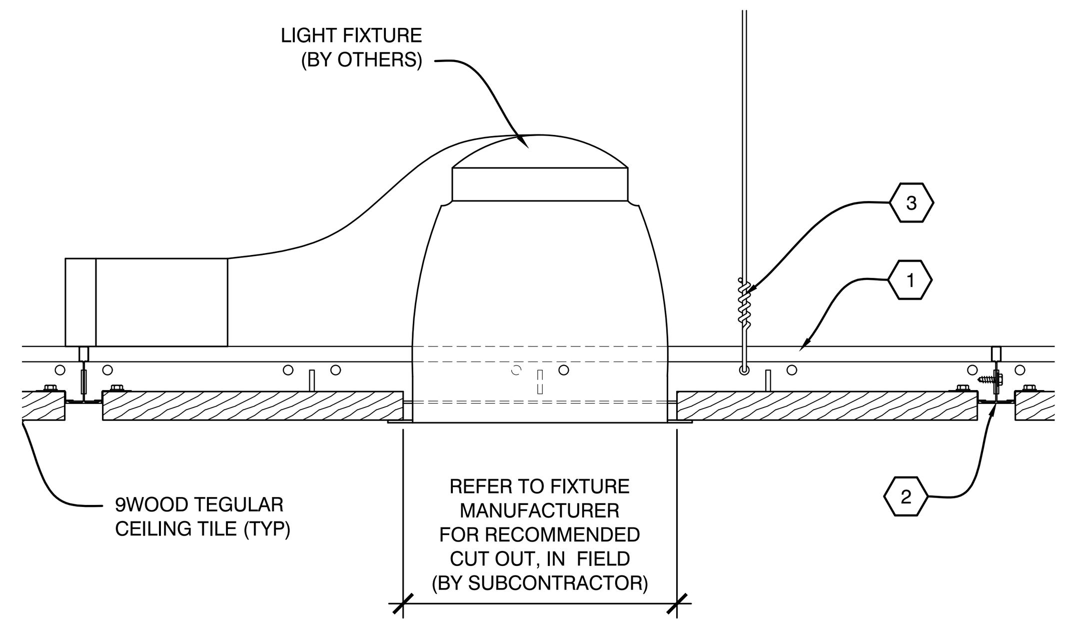


NOTE: IF FIELD CUTTING IS REQUIRED, REMOVE 9WOOD TEGULAR CLIPS AT EDGE (OR EDGES) TO BE FIELD CUT. AFTER FIELD CUTTING, APPLY EDGEBANDING (WHEN REQUIRED) AND MATCHING FINISH. RE-INSTALL THE 9WOOD TEGULAR CLIPS.

B2 SECTION - PERIMETER

SCALE: 1/4" = 1"

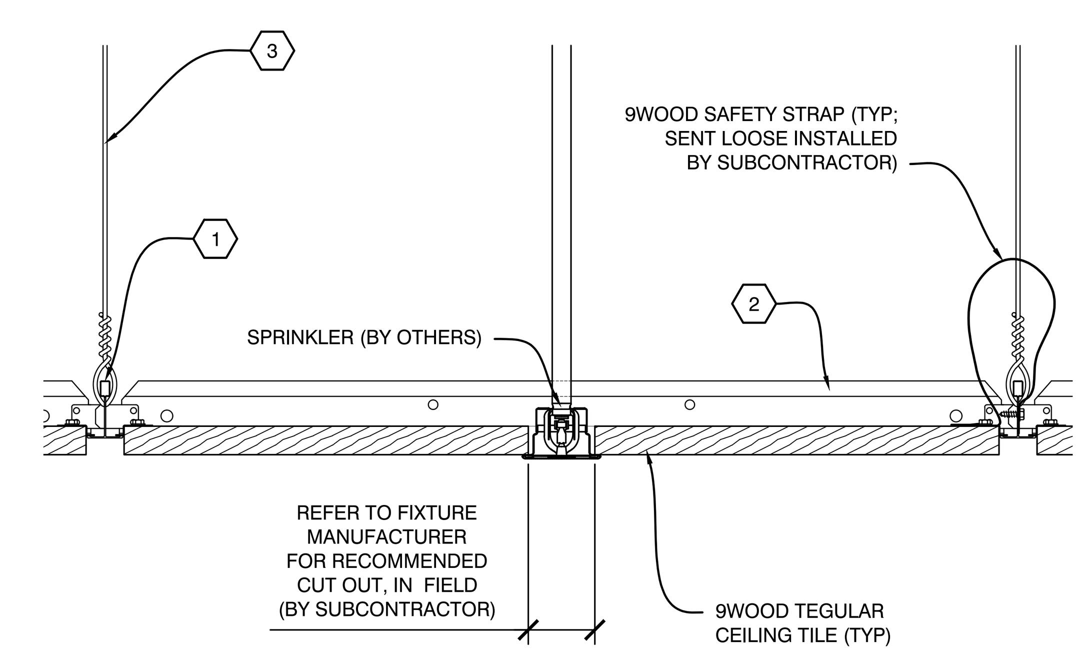
NOTES:
- DETAIL TO BE USED WHERE APPLICABLE.
- FIXTURES TO BE INDEPENDENTLY SUPPORTED AND NOT TO BEAR ON 9WOOD CEILING SYSTEM.



B3 SECTION - LIGHT FIXTURE

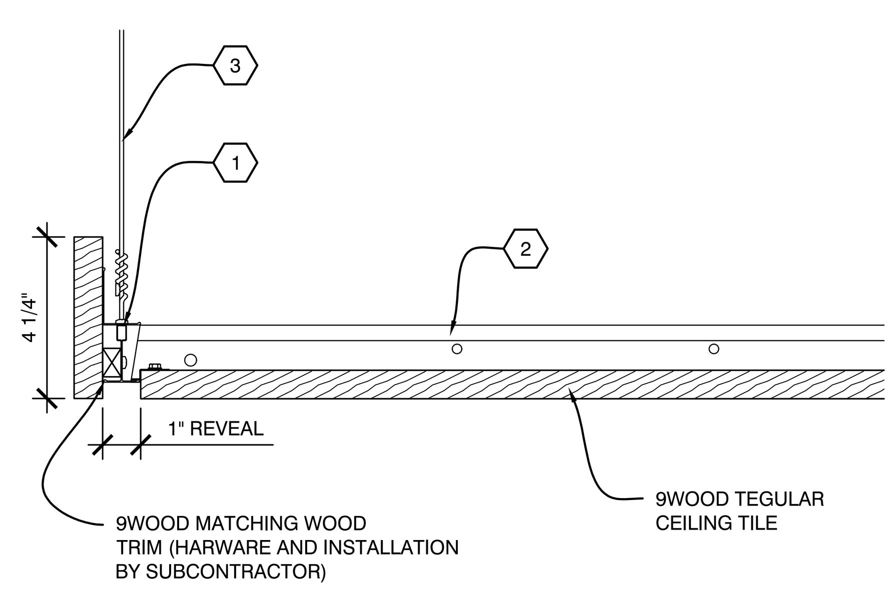
SCALE: 1/4" = 1"

NOTES:
- DETAIL TO BE USED WHERE APPLICABLE.
- FIXTURES TO BE INDEPENDENTLY SUPPORTED AND NOT TO BEAR ON 9WOOD CEILING SYSTEM.



B4 SECTION - SPRINKLER

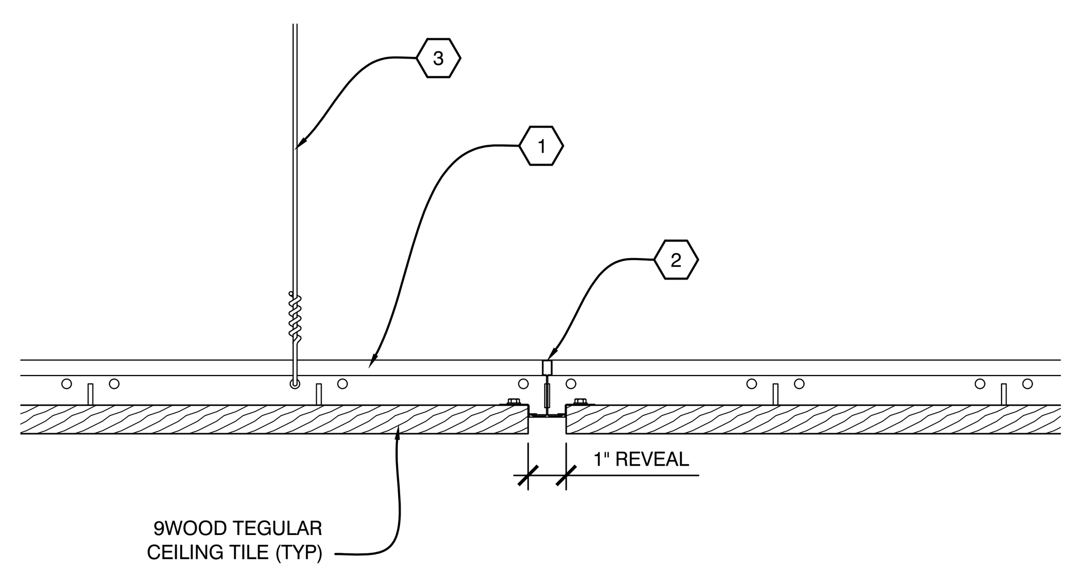
SCALE: 1/4" = 1"



NOTE: IF FIELD CUTTING IS REQUIRED, REMOVE 9WOOD TEGULAR CLIPS AT EDGE (OR EDGES) TO BE FIELD CUT. AFTER FIELD CUTTING, APPLY EDGEBANDING (WHEN REQUIRED) AND MATCHING FINISH. RE-INSTALL THE 9WOOD TEGULAR CLIPS.

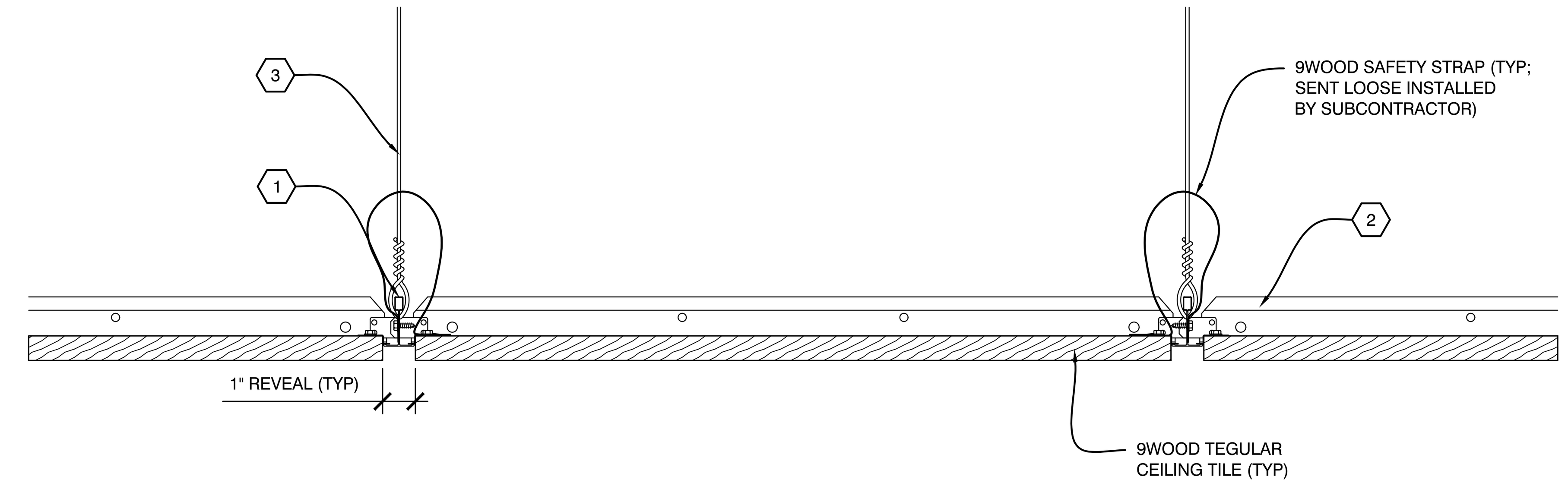
A1 SECTION - PERIMETER

SCALE: 1/4" = 1"



A2 SECTION - ABUTTING REVEAL

SCALE: 1/4" = 1"



A3 SECTION - ABUTTNIG REVEAL

SCALE: 1/4" = 1"

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FSC CERTIFIED PROJECT: YES ☐ NO ☑

PROJECT

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SHEET TITLE

SYSTEM DETAILS

Z-501

SHEET 3 OF 3