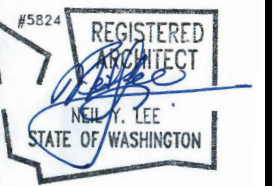


**REVISED**  
3:58 pm, Oct 06, 2023



**LEEKA Architecture and Planning**  
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503.844.9222  
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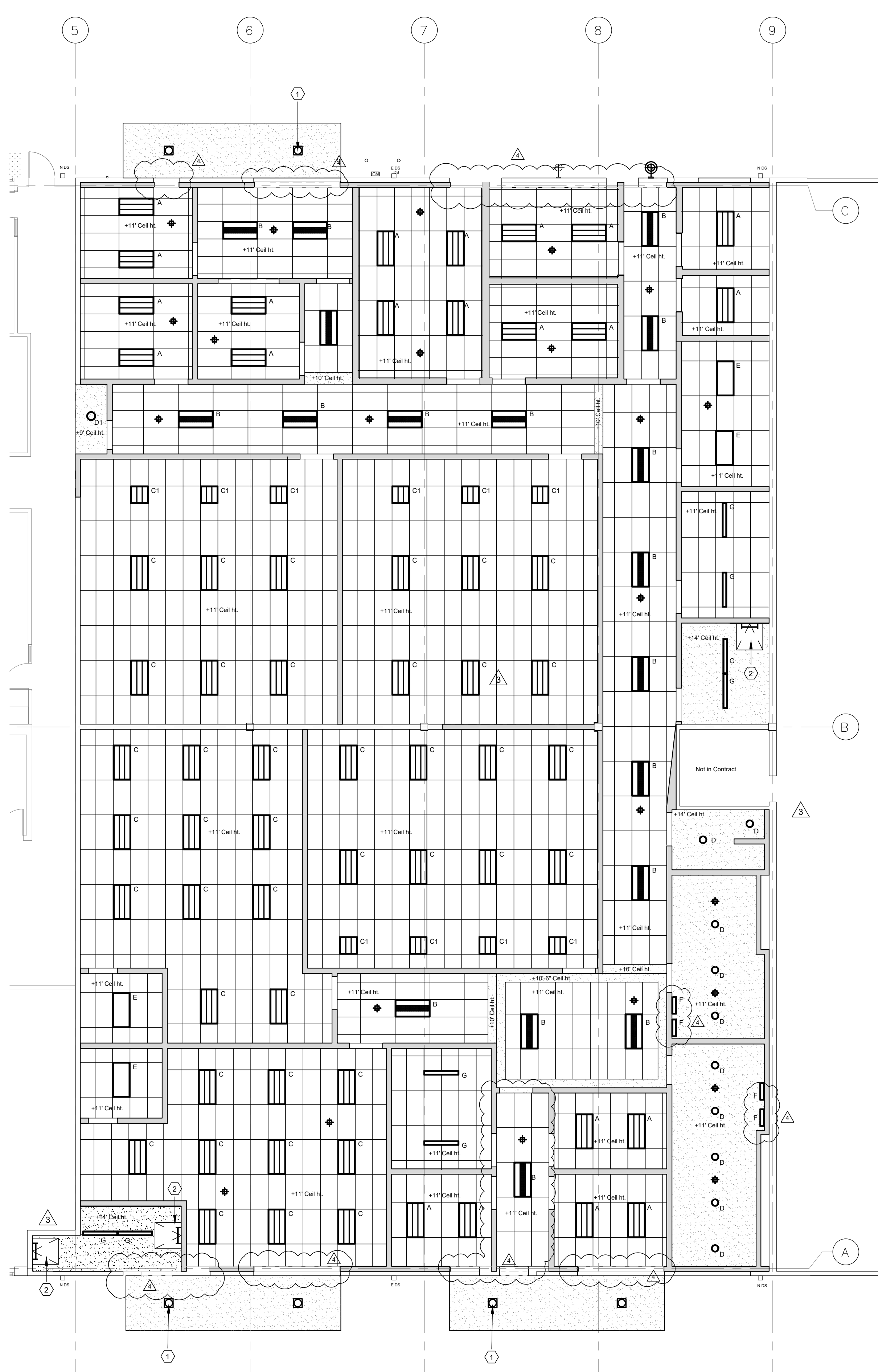
**Tenant Improvement**  
Educational Service District 112  
Mental Health Facility Phase II  
2400 NE 66th Ave. Vancouver, WA.

Revised:  
DATE: Aug. 10, 2023  
DATE: Aug. 17, 2023  
DATE: Sept. 22, 2023  
DATE: Oct. 03, 2023

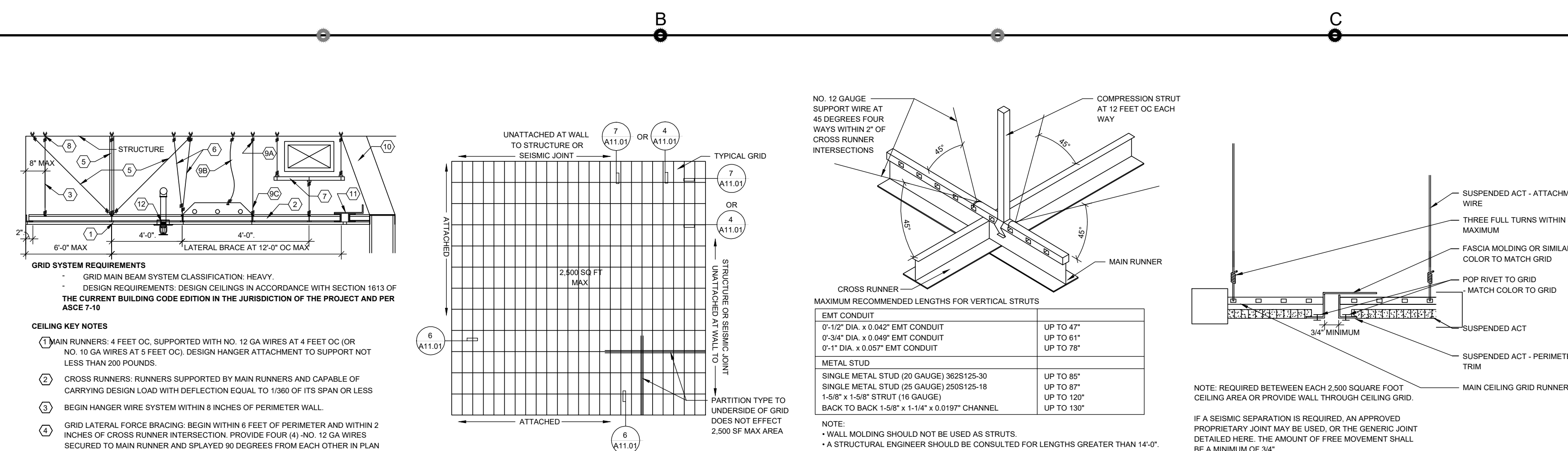
Job No: 2246  
Date: 3-Oct-23  
File Size: 24x36  
Permit Application

DRAWN: NYL  
CHECKED: NYL  
Sheet Title  
Ceiling Plan

Sheet Number  
**A4.40**



**22 Ceiling Plan**  
A4.40 Scale 1/8"=1'-0"



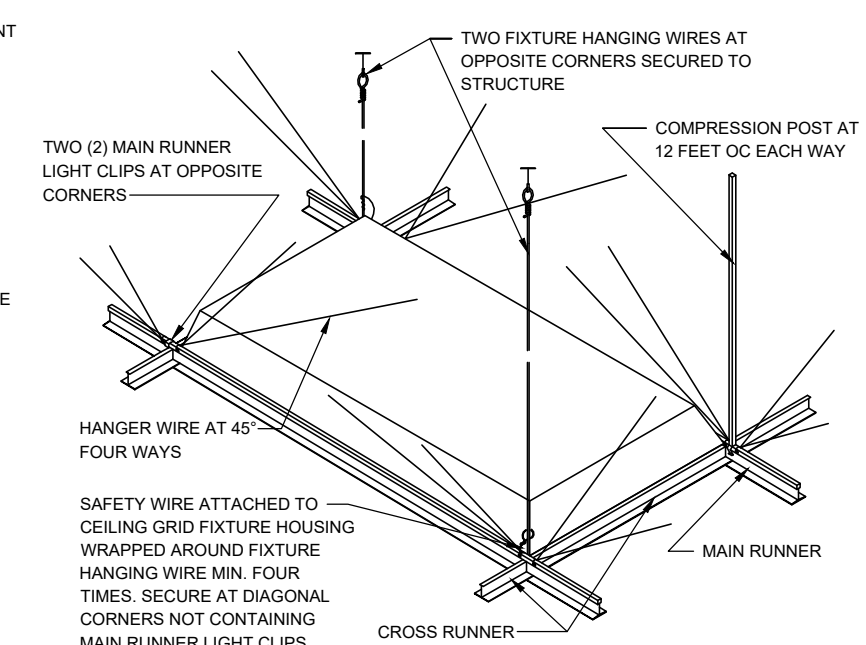
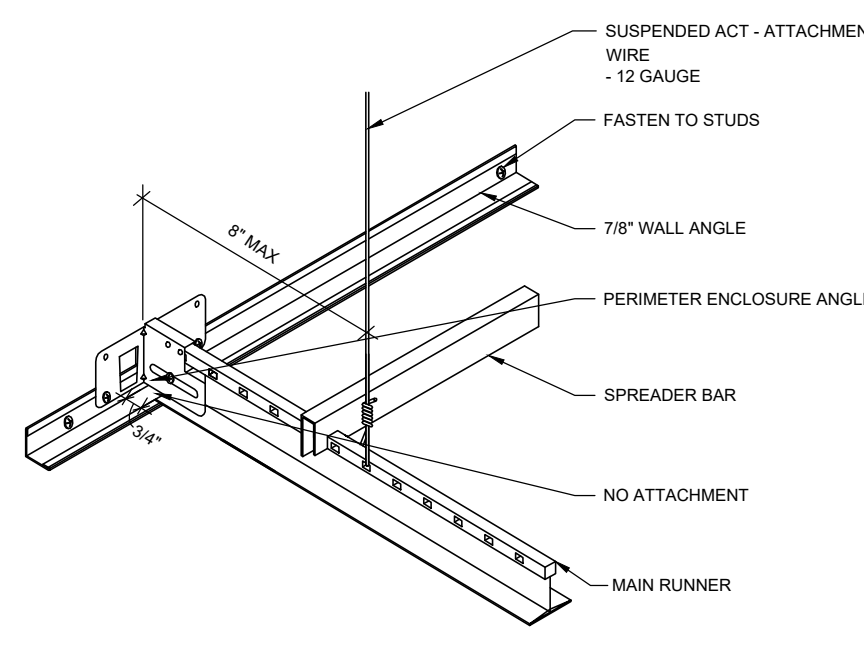
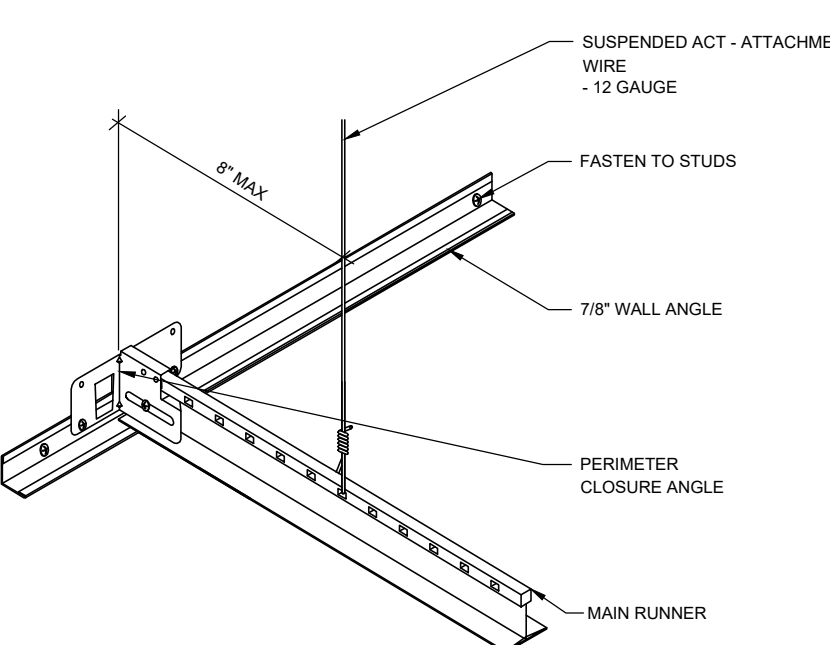
**3 Susp. Ceil. Bracing**  
A4.40 No scale

**4 Grid Seismic Joint**  
A4.40 No scale

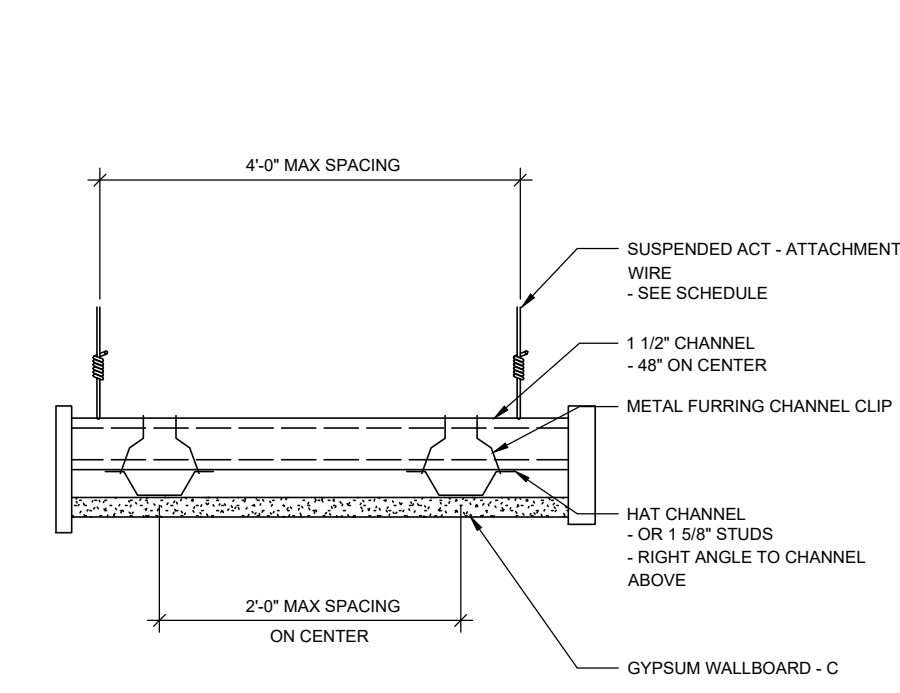
**GRID SYSTEM REQUIREMENTS**  
GRID MAIN BEAM SYSTEM CLASSIFICATION: HEAVY  
DESIGN REQUIREMENTS: DESIGN CEILING IN ACCORDANCE WITH SECTION 1613 OF THE CURRENT BUILDING CODE EDITION IN THE JURISDICTION OF THE PROJECT AND PER ASCE 7-10

**CEILING KEY NOTES**  
1 MAIN RUNNERS: 4 FEET OC, SUPPORTED WITH NO. 12 GA WIRES AT 4 FEET OC (OR NO. 10 GA WIRES AT 3 FEET OC); DESIGN HANGER ATTACHMENT TO SUPPORT NOT LESS THAN 200 POUNDS.  
2 CROSS RUNNERS: RUNNERS SUPPORTED BY MAIN RUNNERS AND CAPABLE OF CARRYING DESIGN LOAD WITH DEFLECTION EQUAL TO 1/360 OF ITS SPAN OR LESS  
3 BEGIN HANGER WIRE SYSTEM WITHIN 8 INCHES OF PERIMETER WALL.  
4 GRID LATERAL FORCE BRACING: BEGIN WITHIN 8 FEET OF PERIMETER AND WITHIN 2 INCHES OF CROSS RUNNER INTERSECTION. PROVIDE FOUR (4) NO. 12 GA WIRES SECURED TO MAIN RUNNER AND SPLAYED 90 DEGREES FROM EACH OTHER IN PLAN AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM CEILING PLANE. BRACE AT 12 FEET OC EACH WAY.  
5 PROVIDE COMPRESSION STRUT COMPATIBLE WITH SUSPENSION SYSTEM, ADEQUATE TO RESIST VERTICAL FORCE COMPONENT INDUCED BY BRACING WIRES. SPACE 12 FEET ON CENTER IN BOTH DIRECTIONS.  
6 PROVIDE COUNTER SLOPE HANGERS FOR HANGERS MORE THAN 1:6 OUT OF PLUMB.  
7 PROVIDE TRAPEZE OR EQUIVALENT DEVICE WHERE HANGER WIRES ARE NOT POSSIBLE DUE TO OBSTRUCTIONS. PROVIDE BACK-TO-BACK 1-1/4" INCH COLD ROLLED CHANNELS (MINIMUM) WHERE TRAPEZE SPAN EXCEEDS 48 INCHES.  
8 MINIMUM CARRYING CAPACITY FOR EACH HANGER WIRE ANCHOR TO STRUCTURE SHALL BE 100 POUNDS.  
9 LIGHT FIXTURE SUPPORT:  
A. FOR LIGHT FIXTURES WEIGHING LESS THAN 56 LBS: PROVIDE (2) NO. 12 GA SLACK WIRES FROM FIXTURE HOUSING TO STRUCTURE ABOVE.  
B. FOR LIGHT FIXTURES IN EXCESS OF 56 LBS: PROVIDE DIRECT SUPPORT FROM STRUCTURE ABOVE USING TAUT WIRES.  
C. PROVIDE POSITIVE ATTACHMENT BETWEEN LIGHT FIXTURES AND GRID SYSTEM, CAPABLE OF CARRYING 100 PERCENT OF LIGHT FIXTURE WEIGHT ACTING IN ANY DIRECTION.  
10 PROVIDE INDEPENDENT RIGID LATERAL WALL BRACING WHEN INTERIOR PARTITION WALLS THAT TERMINATE AT GRID THAT DO NOT ADJOIN WITH 4-WAY GRID BRACING.  
11 PROVIDE SEISMIC JOINTS TO LIMIT UNBROKEN CEILING AREAS TO 2,500 SF.  
12 FOR SPRINKLER HEADS AND OTHER PENETRATIONS: PROVIDE 2 INCH OVERSIZED ESCUTCHEON OR ADAPTER TO ALLOW AT LEAST 1 INCH MOVEMENT IN ALL HORIZONTAL DIRECTIONS. OR PROVIDE STANDARD ESCUTCHEON AND PENETRATIONS WITH FLEXIBLE HEAD CONNECTION. VERIFY WITH AIR BARRIER DIAGRAMS THAT CEILING IS NOT AN AIR BARRIER COMPONENT.

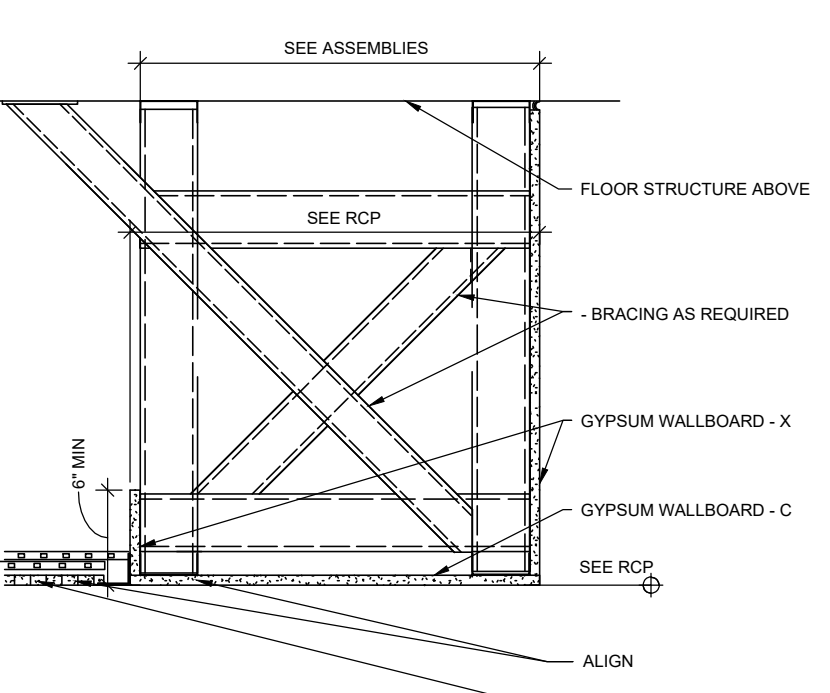
**2 Typ. Susp. Ceil. System**  
A4.40 No scale



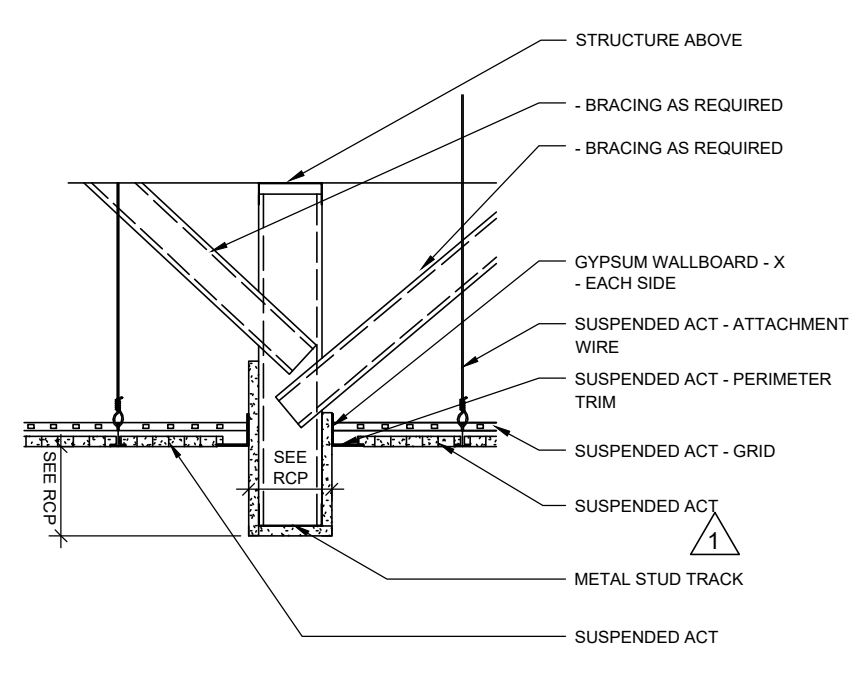
**7 Susp. Ceil. notes**  
A4.40 No scale



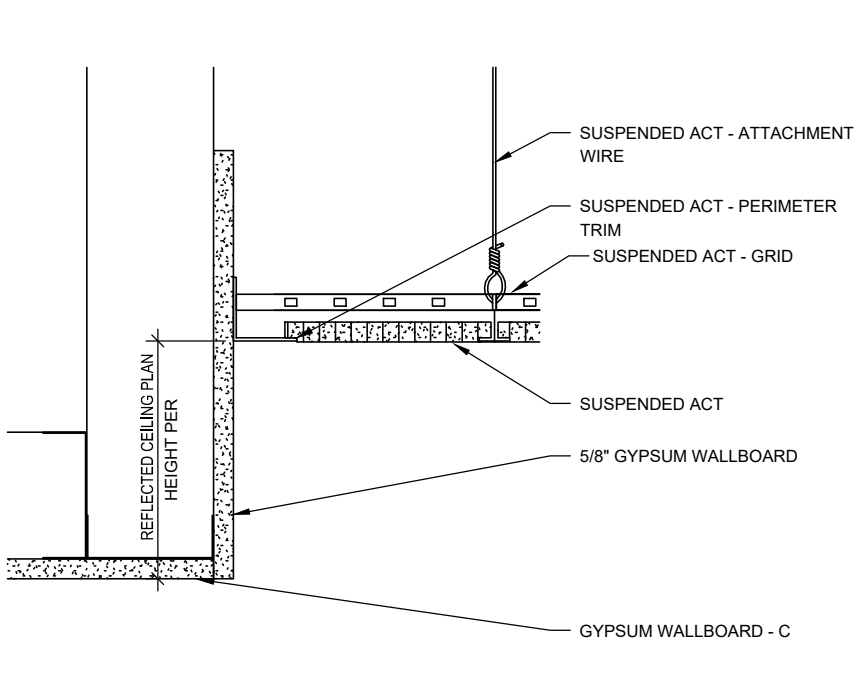
**8 Susp. Ceil. - Attached**  
A4.40 No scale



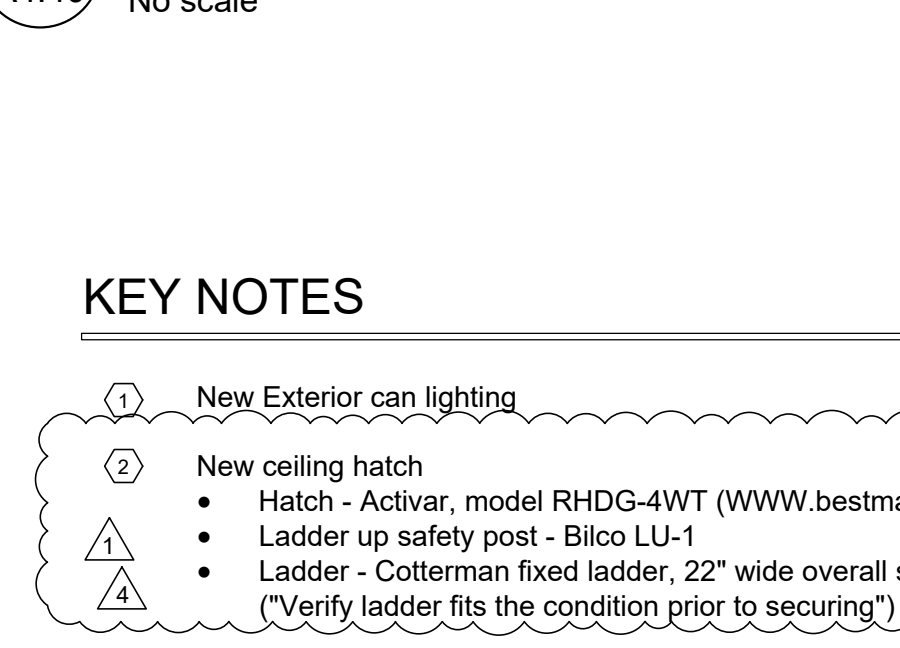
**9 Susp. Ceil. - Unattached**  
A4.40 No scale



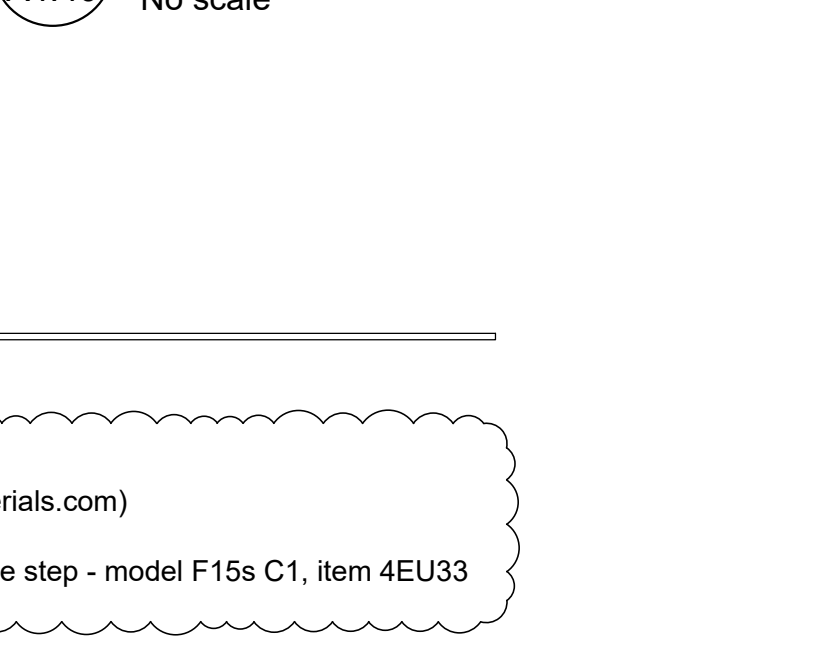
**10 Recessed Lightt fix brace**  
A4.40 No scale



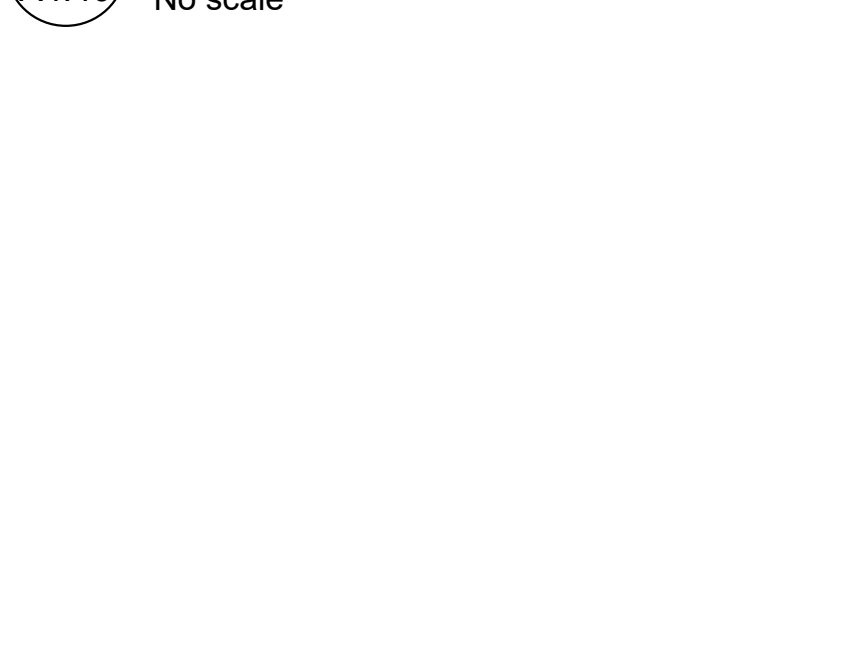
**12 Framing @ GB Ceil.**  
A4.40 No scale



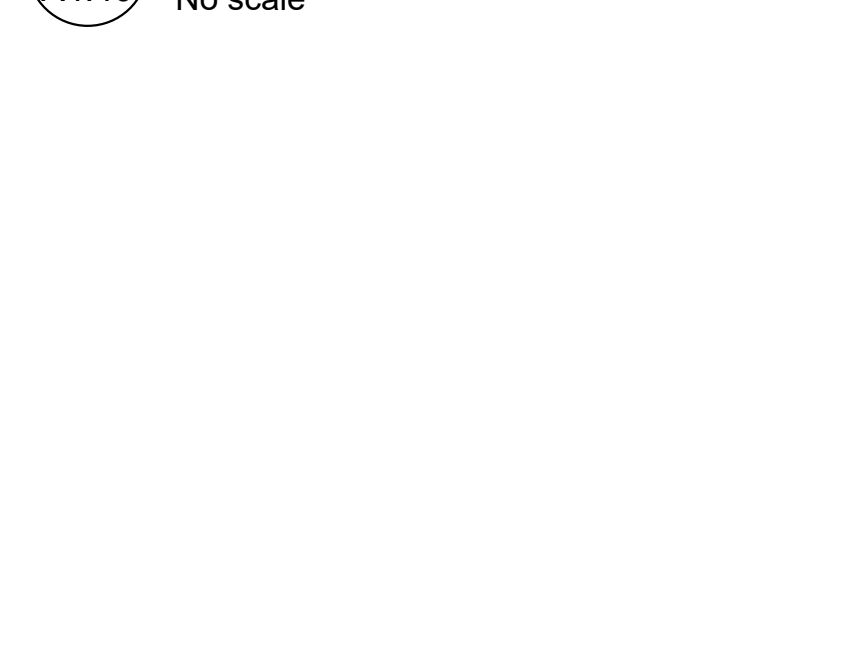
**13 Ceil-Non Struct. Header**  
A4.40 No scale



**14 Transition soffit**  
A4.40 No scale



**15 Gyp. Soffit @ Susp. Ceil.**  
A4.40 No scale



**KEY NOTES**

- 1 New Exterior can lighting
- 2 New ceiling hatch
  - Hatch - Activar, model RHDG-4WT (WWW.bestmaterials.com)
  - Ladder up safety post - Bilco LU-1
  - Ladder - Cotterman fixed ladder, 22" wide overall side step - model F15s C1, item 4EU33  
(\*Verify ladder fits the condition prior to securing\*)
- 3 (typical) Refer to electrical drawings for additional light fixture information.
- 4 (general note) Refer to Electrical drawings for complete information on of electric powered equipment.