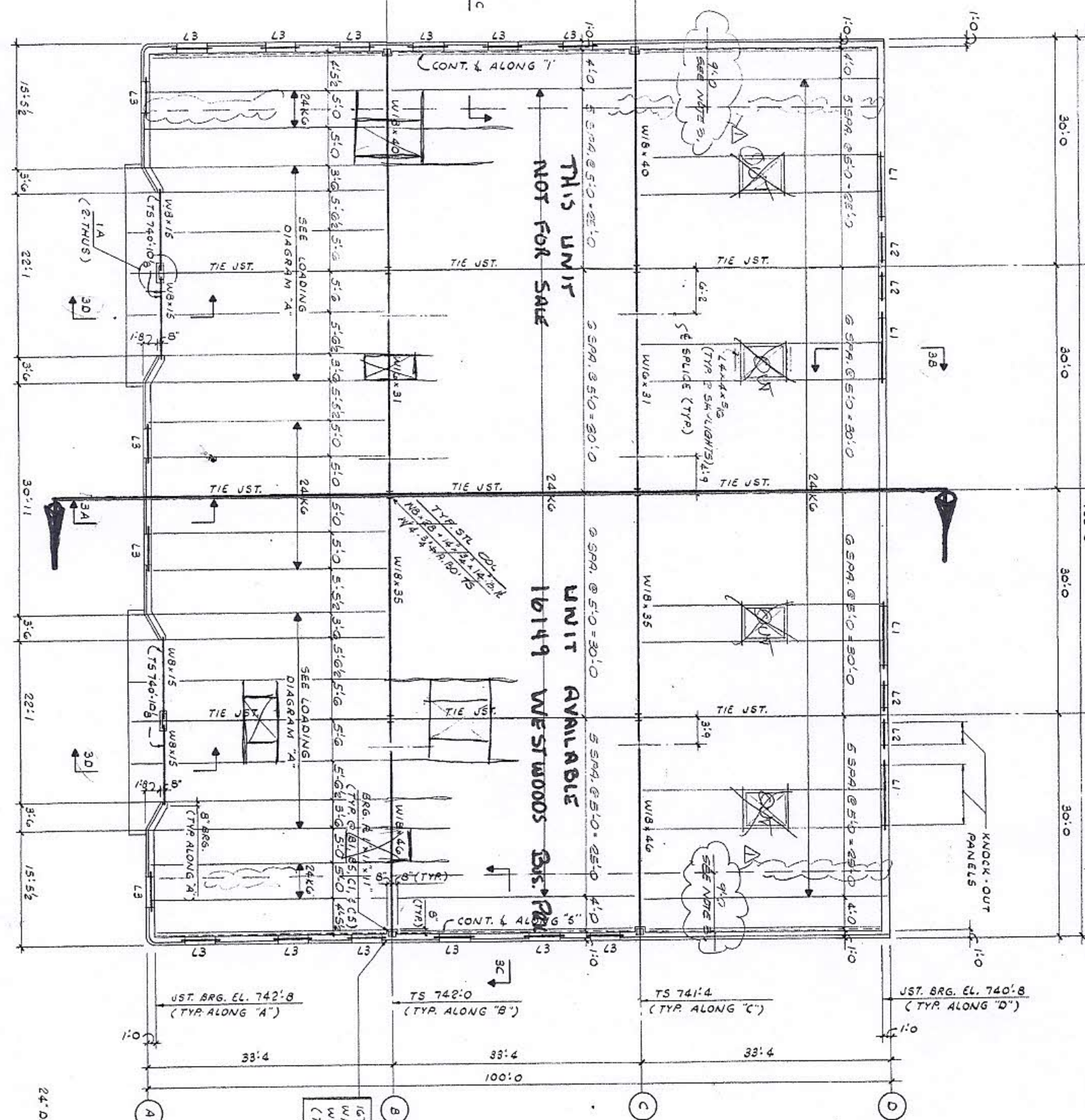


1 2 3 4 5

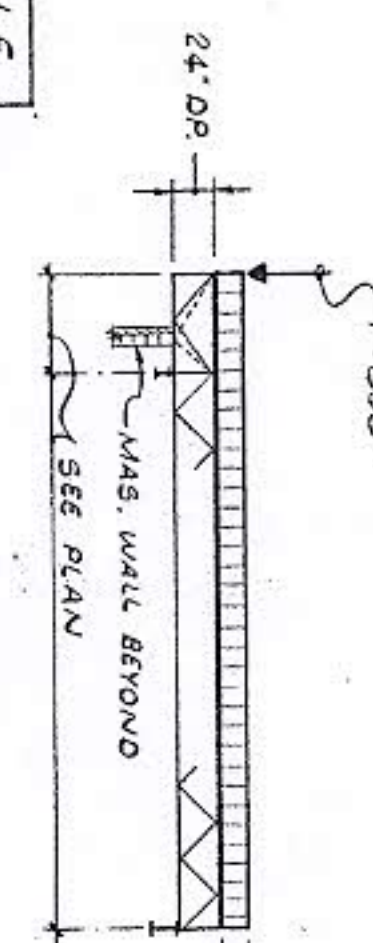


**ROOF FRAMING PLAN 8"=1'-0"**

- NOTES:**
1. ROOF CONSTR: RIGID INSULATION ON 22 GA. 1/2" DR WIDE RIB DECK & STEEL JOISTS. WELD DECK TO JOISTS. W/ 5/8" PUDDLE WELDS ON A 3/4" PATTERN W/ 1" WELDED OR 2" SCREWED (#12 TKS) SIDE LAP JOISTS PER SPAN.
  2. TOP OF STL. BM. ELEV. (TS) VARIES. SEE PLAN.
  3. ROOF DECK IN THIS AREA TO BE WELDED TO JOISTS. W/ 5/8" PUDDLE WELDS ON A 3/4" PATTERN W/ 1" WELDED OR 2" SCREWED (#12 TKS) SIDE LAP JOISTS.

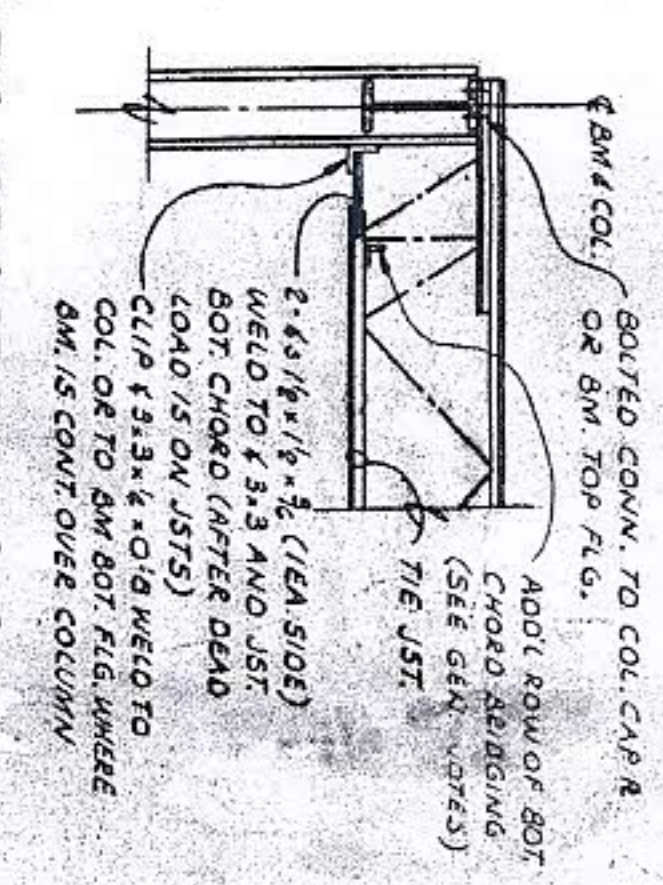
MARK	SIZE	REMARKS	NEED
L1	W8x15 @ 5'-0" x 11'-2"	8" BRG.	0
L2	W8x10 @ 5'-0" x 11'-2"	8" BRG.	4
L3	W8x10 @ 5'-0" x 11'-2"	8" BRG.	0

**LOADING DIAGRAM "A"**



**5-ROOF FLEAMING**  
4x4x 5/8" x Demission  
BY MECA.

**TYP. TIE JST DETAIL @ ROOF**



1. All structural steel and details shall comply with the AISC "Specification for Design, Fabrication and Erection of Structural Steel for Buildings". All structural steel shall comply to the AISC A Specification. Also
2. The frame of steel moment-resisting buildings shall be erected and braced in accordance with the AISC "Code of Standard Practice". Such bracing shall be left in place as long as may be required for safety.
3. Shop and field connections are to be bolted with high strength bolts or welded with high strength electrodes. All connections shall be designed and fabricated in accordance with the AISC "Code of Standard Practice".
4. Shop and field welding shall conform to the AISC "Code for Welding in Building Construction".
5. All column base plates shall be set on slabs and level. Base plates shall be solidly grouted with EMBSD grout under the entire base plate area.
6. Provide 8" of solid masonry under masonry bearing ends of all structural steel. Solid bearing is to extend a minimum of 6" into the side of slabs or bearing plates. Beams and lintels to bear a minimum of 6" on masonry.
7. Anchor bolts shall extend into concrete not less than 1'-6", where possible. Plus 4" hook and shall be 3/4" minimum from outside face of concrete. Provide a minimum of 4-3/4" diameter anchor bolts at each column, unless noted otherwise.
8. Provide 2-1/2" diameter anchor bolts embedded 1'-4" into masonry and grout. Solid bearing is to extend a minimum of 6" into the side of slabs or bearing plates. Masonry walls, unless noted otherwise, shall have a 1/2" x 10" x 1/4" plate listed over all openings greater than 1'-4" in length.
9. **STEEL JOISTS**
1. All steel joists, bracing and details shall comply with the latest Steel Joist Institute "Standard Specifications" and load tables" for design, fabrication and erection.
2. Joists shall be erected within a maximum horizontal alignment tolerance of 1/8" in 25'-0".
3. Provide 8" of solid masonry under masonry bearing ends of steel joists. Solid masonry to run continuously at bearing elevation.
4. **LOCATE ONE ADDITIONAL ROW OF BOTTOM CHORD BRACING ADJACENT TO FIRST BOTTOM CHORD PANEL POINTS (TYP)**
5. Provide special depth ends, extended ends, outriggers, headers, ceiling extensions, anchors, etc., as required by drawings and specifications.



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