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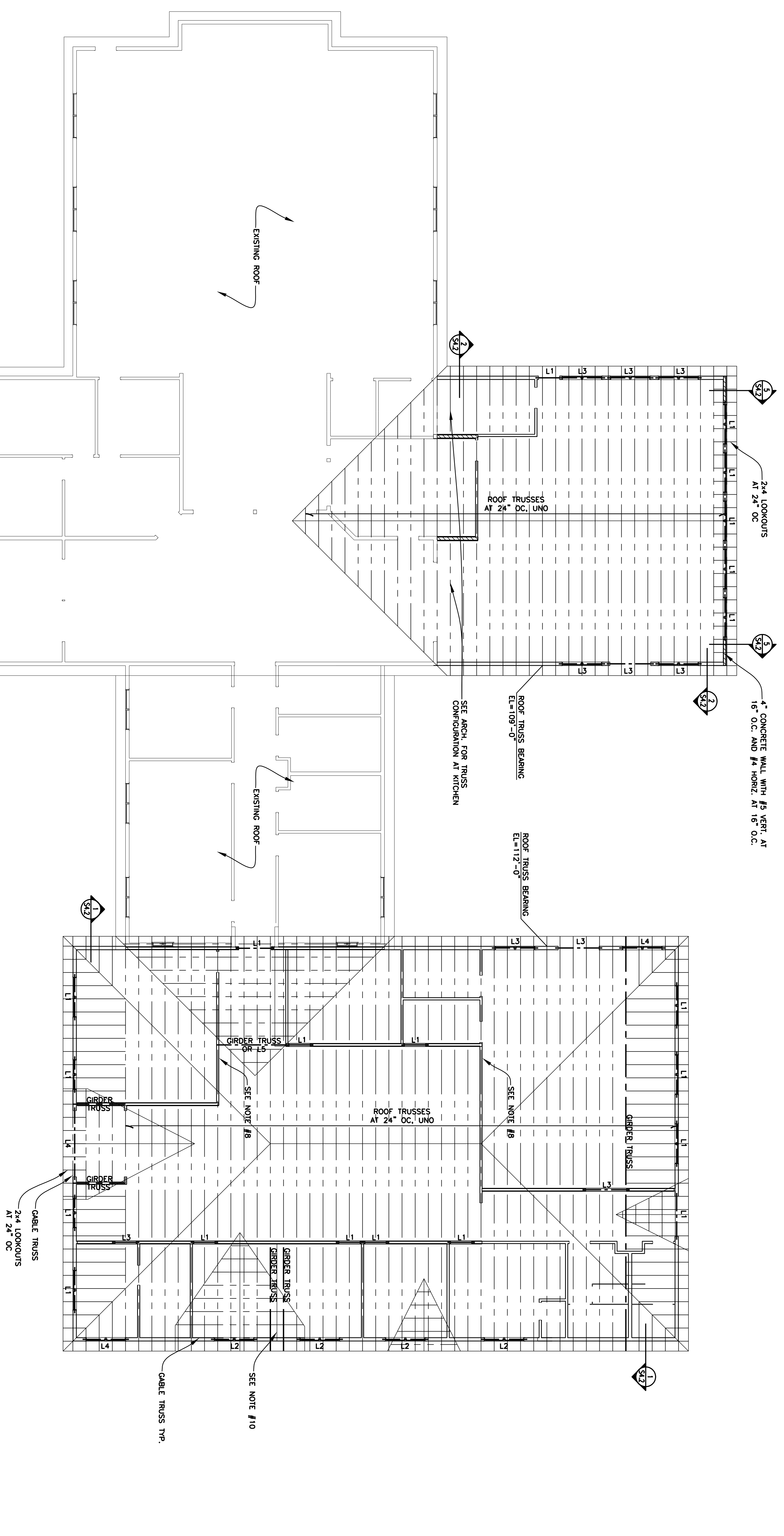
**PEACE LUTHERAN CHURCH**  
1000 Red River Avenue North  
Cold Spring, MN 56320

REVISION \_\_\_\_\_ DATE \_\_\_\_\_  
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Engineer under the laws of the state of Minnesota.  
**Ryan J. Sawert, PE**  
03-31-10 License No. 41971

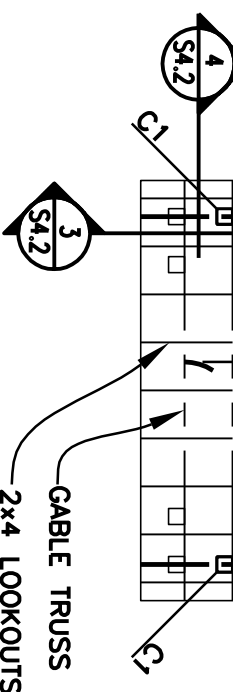
**ROOF FRAMING PLAN**

|              |            |
|--------------|------------|
| PROJECT NO.: | 10048      |
| SCALE:       | 1/8"=1'-0" |
| DATE:        | 03-31-10   |
| DRAWN BY:    | AMJ        |
| CHECKED BY:  | RSJ        |

**S3**

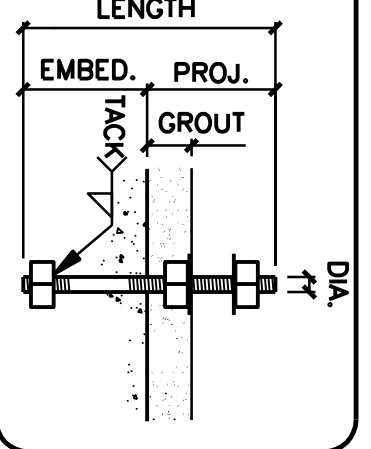


**ROOF FRAMING PLAN**  
1/8"=1'-0"  
PLAN



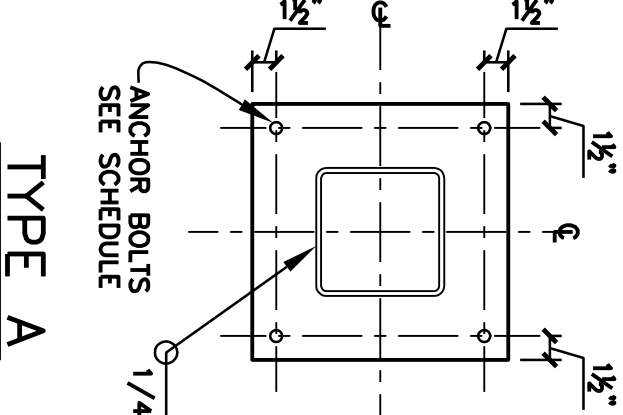
**ANCHOR BOLT SCHEDULE**

| MK  | DIA. (INCHES) | LENGTH (INCHES) | EMBED (INCHES) | PROJ. (INCHES) | COMMENTS |
|-----|---------------|-----------------|----------------|----------------|----------|
| AB1 | 1/2           | 10              | 7              | 3              |          |
| AB2 | 3/4           | 12.5            | 9              | 3.5            |          |
| AB3 | 1             | 16              | 12             | 4              |          |
| AB4 | 1 1/4         | 19.5            | 15             | 4.5            |          |
| AB5 | 1 1/2         | 23              | 18             | 5              |          |



**COLUMN SCHEDULE**

| MK | SIZE       | TYPE | BASE PLATE SIZE | TYPE |
|----|------------|------|-----------------|------|
| C1 | HSS 8x8x4" | A    | 1'x1'x3/4"      | AB2  |



**TYPE A**

**LINTEL SCHEDULE**

| MK | SIZE               | TYPE | JAMB/COMMENTS  |
|----|--------------------|------|--|
| L1 | (2)2x10            |      | JAMB/COMMENTS, S=STUD (UNLESS NOTED OTHERWISE ON PLAN) |
| L2 | (2)2x10            |      | 25.1T  |
| L3 | (2)1 1/2 x 8 1/2"  | LVL  | 25.2T  |
| L4 | (2)1 1/2 x 8 1/2"  | LVL  | 25.2T  |
| L5 | (2)1 1/2 x 11 3/8" | LVL  | 25.2T  |
| L6 | (2)1 1/2 x 16"     | LVL  | 25.2T  |

- NOTES:**
- LINTEL DESIGNATION WITH • INDICATES LINTEL IS ELEVATED INTO TRUSS/JOIST SPACE.
  - TWO PLY LVL MUST BE NAILED TOGETHER WITH 3 ROWS OF 16d COMMON NAILS AT 12" OC. THREE PLY LVL MUST BE NAILED TOGETHER WITH 3 ROWS OF 16d COMMON NAILS AT 6" OC. FOUR PLY LVL MUST BE BOLTED TOGETHER WITH 1/2" BOLTS AT 12" OC. 16d STAGGERED. TOP AND BOTTOM ROWS OF NAILS OR BOLTS SHALL BE LOCATED 2" FROM THE TOP AND BOTTOM OF THE MEMBER.

**ROOF FRAMING NOTES:**

- FOR GENERAL STRUCTURAL NOTES AND SPECIFICATIONS SEE S1.1.
- FOR TYPICAL FRAMING PROFILE AND GABLE END DETAILS, SEE S1.2.
- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS OF WALLS, OPENINGS, AND ADDITIONAL DETAILS OR SECTIONS.
- ROOF FRAMING PLAN IS PROVIDED TO CONVEY DESIRED SHAPE OF ROOF FRAMING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW LAYOUT, MEMBER SIZES, CONNECTION PLATES, SPECIES OF LUMBER, HANGER TYPES, AND ERECTION DETAILS. SEE ARCH. REFLECTED CEILING PLAN FOR VAULT AND RAFTER LOCATIONS.
- VERIFY ALL GIRDER TRUSS AND COLUMN LOCATIONS WITH TRUSS SUPPLIER BEFORE CONSTRUCTION.
- ROOF SHEATHING SHALL BE 3/4" (MIN) APA RATED SHEATHING, ATTACH TO ROOF TRUSSES WITH 10d NAILS AT 4" OC AT PANEL EDGES, UNO.
- WOOD TRUSS BOTTOM CHORDS SHALL BE BRACED PER MFR. WITH A MINIMUM OF 2x4 CONT. AT 10'-0".
- ALL EXTERIOR AND NOTED WALLS ARE SHEARWALLS. ATTACH GYPSUM SHEATHING TO EACH SIDE OF WALL WITH 6d COOLER NAILS OR #6 SCREWS SPACED AT 7"OC. ATTACH INTERIOR WALL PLATE TO SLAB OR FOUNDATION WITH 3/8" EXP. BOLTS SPACED AT 48" OC.
- VERIFY LOCATIONS AND SIZES OF ALL RUTS, SUSPENDED EQUIPMENT, AND ROOF PENETRATIONS. NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.
- DESIGN GIRDER TRUSSES TO SUPPORT PERMISSIBLE WALL WEIGHT OF 100 LBS AND STACK WEIGHT OF 500 POUNDS. LIMIT DEFLECTION REQUIREMENTS WITH WALL SUPPLIER.