ROOF PLAN
NOTE:
1. PROVIDE BLOCKING FOR BENCHES.
   SEE SHEET 37.

FLOOR PLAN
NOTE:
1. NO FLOOR COVERING IN PIPE CHASE.
2. PROVIDE BLOCKING FOR BENCHES.
   SEE SHEET 37.
FRAMING PLAN

SECTION AT GABLE END

SECTION AT EXTERIOR TRUSSES

5/8" PLYWOOD OVER INTERIOR TRUSSES
6" O.C. EDGE NAILING
2" X 6 TRUSS OVER TIMBER TRUSS

2" X 6 TRUSS
PIVOTED EXTERIOR TIMBER TRUSSES TO BE SUPPLIED
HAND PEELED LOG COLUMN

TIMBER FRAME

2 (3/4" BOLTS)

2 (3/4"
EACH ANGLE

24 DECKING

PLYWOOD ROOF DECK

STUD WALL
WALL SHEATH

NOT TO SCALE

NOT TO SCALE

SHEET 37 OF 98
### Table 4: Required Testing for Special Inspections

<table>
<thead>
<tr>
<th>Testing</th>
<th>System or Material</th>
<th>BC Code Reference</th>
<th>Required Reference</th>
<th>Frequency</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLACEMENT OF CAST-_IN_PLACE ANCHOR BOLTS</td>
<td>PLACE TRUSS</td>
<td>1704.4</td>
<td>ACI 318.1.3.C</td>
<td>X</td>
<td>ALL BOLTS VISUALLY INSPECTED</td>
</tr>
<tr>
<td>VERIFYING USE OF REQUIRED MIX DESIGNS</td>
<td>PLACE TRUSS</td>
<td>1904.4</td>
<td>ACI 318 3.2.A</td>
<td>X</td>
<td>PRIOR TO CONCRETE PLACEMENT</td>
</tr>
<tr>
<td>CONCRETE PLACEMENT</td>
<td>PLACE TRUSS</td>
<td>1904.4</td>
<td>ACI 318 5.11.6.B</td>
<td>X</td>
<td>FOR 3 DAYS AFTER CONCRETE PLACEMENT</td>
</tr>
<tr>
<td>CONCRETE/CORE TRENCH CURING</td>
<td>PLACE TRUSS</td>
<td>1904.4</td>
<td>ACI 318 5.11.13</td>
<td>X</td>
<td>SPECIAL INSPECTIONS APPLY TO SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER OR ITS FORMS</td>
</tr>
<tr>
<td>PLACE TRUSS</td>
<td>PLACE TRUSS</td>
<td>1904.4</td>
<td>ACI 318 5.11.6.B</td>
<td>X</td>
<td>FOR 3 DAYS AFTER CONCRETE PLACEMENT</td>
</tr>
<tr>
<td>MASONRY LEVEL 1</td>
<td>PLACE TRUSS</td>
<td>1904.4</td>
<td>ACI 318 5.11.13</td>
<td>X</td>
<td>SPECIAL INSPECTIONS APPLY TO SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER OR ITS FORMS</td>
</tr>
</tbody>
</table>

### Concrete & Reinforcing Steel

1. ALL concrete work shall be per 2018 IRC Chapter 12 and ACI 318-14. Concrete quality, mix and placement shall be per ACI 318-14. Wearing and placement shall be per ACI 318-14 and inspections shall be per 2018 IRC, Chapter 15, sections 03 and 04.
2. ALL reinforcing shall be ASTM A615 Grade 60 unless shown on the plans.
3. Concrete shall be in accordance with ACI 318-14 (f-value = 2000 psi). For any steel:
   - (b = V maximum, 6% Air entrained)

### Steel

1. All steel shall be ASTM A36 as noted
2. All bolts shall be ASTM A325, except as noted
3. Anchor bolts shall be ASTM A490 Grade 56, unless shown on the plans
4. Welding shall be AWS certified welders with E70 electrodes in accordance with AWS D1.1-79.
5. All steel connections and parts exposed to weather or in contact with the ground shall be galvanized per ASTM A606-13 with 2.05 oz. of zinc per square foot for contact area. All other non-steel components at grade shall be painted with two coats of paint per the base 6-10 inches above grade, twice coating in addition to the galvanized coating.

### Geometry

1. Structural framing shall be 4x4 Douglas Fir
2. Column bases shall be 4x4 Douglas Fir
3. Joists shall be 6x6 and stowed in a dry area prior to installation.
4. Floor trusses shall be for a preassembled manufacturer. Roof trusses shall be for a preassembled manufacturer and constructed according to the specifications of the Truss Plate Institute.

### Glues

1. Glue terminations shall be 24" high for ceiling beams or continuous trusses and 24" high for simple trusses.
2. Spans up to 2,200\( \text{psi} \)
3. Spans over 2,200\( \text{psi} \)
4. Spans over 2,200\( \text{psi} \)
5. Spans over 2,200\( \text{psi} \)

### Connection Hardware

1. All connection hardware shall be Simpson "Strong Ten", unless noted otherwise.

### Connection Hardware

1. Connection hardware exposed to weather or in contact with the ground or pressure treated wood shall be galvanized per ASTM A575 with 1.25 oz. of zinc per square foot of contact area.

### Caution

PLACE TRUSS PER MANUFACTURER'S RECOMMENDATIONS. BRAKE PER RECOMMENDATIONS. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS AND ELEVATIONS.