1. IN ACCORDANCE WITH IBC CHAPTER 17, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:

SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTION FINAL SIGNED REPORT STATING WHETHER OR NOT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDG

SPECIAL INSPECTION SHALL BE PROVIDED BY THE OWNER ACCORDING TO SECTION 1705 OF IBC 2015. THE APPROVED SPECIAL INSPECTOR SHALL

APPLICABLE REQUIREMENTS

A. TOWARD THE FREE EDGES

FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC

FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED

JOINT BROUGHT TO THE SNUG

B. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER

FASTENER COMPONENTS

FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS

C. VERIFICATION AND INSPECTION TASK

DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER

BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)

D. VERIFICATION AND INSPECTION TASK

WELDER IDENTIFICATION SYSTEM

MATERIAL IDENTIFICATION (TYPE/GRADE)

E. VERIFICATION AND INSPECTION TASK

CHECK WELDING EQUIPMENT

F. VERIFICATION AND INSPECTION TASK

CLEANLINESS (CONDITION OF STEEL SURFACES)

DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)

G. VERIFICATION AND INSPECTION TASK

JOINT PREPARATION

VERIFICATION AND INSPECTION TASK

FIT

UP OF FILLET WELDS

UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)

H. VERIFICATION AND INSPECTION TASK

WELD/BASE CRACK PROHIBITION

PROPER POSITION

PREHEAT APPLIED

SETTINGS ON WELDING EQUIPMENT

CLEANLINESS (CONDITION OF STEEL SURFACES)

DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)

I. VERIFICATION AND INSPECTION TASK

CHECKING OF BASE METAL AND JOINT GEOMETRY

WELD TABS Embraced with BASE METAL

TIGHT CONDITION PRIOR TO THE

PROPER PREPARATION OF WELD FILL"
1. SEE SHEET S511 FOR SHEARWALL, HEADER, AND JAMB SCHEDULE.

2. MULTIPLE STUD COLUMNS SHALL BE CONTINUOUS THROUGH DEPTH OF FLOOR TRUSSES AT 16" OC DOUGLAS FIR SOUTH NO. 2, UNO. SEE ARCH FOR LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.

3. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND STAIRS.

4. FASTEN FLOOR TRUSSES AT ALL BEARING POINTS W/ (1) SIMPSON H2.5A STRAP TYP, UNO. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.

5. 3/4" GYPCRETE & 1/8" SOUND MATT ON SHEATHING, FLOOR SHEATHING SHALL BE TONGUE AND GROOVE APA RATED EXPOSURE 1 SHEATHING WITH A MINIMUM THICKNESS OF 23/32", DOC PS-1 OR PS-2, WITH A SPAN RATING OF AT LEAST 48/24 GLUED AND SCREWED WITH #10 WOOD SCREWS AT 6" OC AT PANEL EDGES AND AT 12" OC AT INTERMEDIATE SUPPORTS TYP, UNO.

6. WALLS SHOWN ARE LOAD BEARING WALLS AND SHEARWALLS. STUDS ARE REQUIRED. PROVIDE 2 STUDS MINIMUM UNLESS NOTED.

7. TYPICAL DECK BEARING ELEVATION TO BE 128'-11 3/4" UNO.

8. ALL FRAMING MEMBERS TO BEAR ON TOP OF COLUMNS/WALLS TYP, UNO.

9. TOP OF STEEL ELEVATION FOR ALL STEEL MEMBERS IS TO BE 1 1/2" LOWER THAN ELEVATION TO FOUNDATION, UNLESS IT RESTS ON A BEAM.

10. 3/4" GYPCRETE & 1/8" SOUND MATT ON SHEATHING, FLOOR SHEATHING SHALL BE TONGUE AND GROOVE APA RATED EXPOSURE 1 SHEATHING WITH A MINIMUM THICKNESS OF 23/32", DOC PS-1 OR PS-2, WITH A SPAN RATING OF AT LEAST 48/24 GLUED AND SCREWED WITH #10 WOOD SCREWS AT 6" OC AT PANEL EDGES AND AT 12" OC AT INTERMEDIATE SUPPORTS TYP, UNO.

11. WALLS SHOWN ARE LOAD BEARING WALLS AND SHEARWALLS. STUDS ARE REQUIRED. PROVIDE 2 STUDS MINIMUM UNLESS NOTED.

12. MULTIPLE STUD COLUMNS SHALL BE CONTINUOUS THROUGH DEPTH OF FLOOR TRUSSES AT 16" OC DOUGLAS FIR SOUTH NO. 2, UNO. SEE ARCH FOR LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.

13. SEE SHEET S511 FOR SHEARWALL, HEADER, AND JAMB SCHEDULE.

14. SEE NOTE #10, TYP.
FRAMING PLAN NOTES

1. SEE SHEET S001 FOR GENERAL NOTES.
2. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
3. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4. FASTEN ROOF TRUSSES AT ALL BEARING POINTS W/ (1) SIMPSON H2.5A STRAP TYP, UNO.
5. # - TRUSS SUPPLIER TO PROVIDE SHEAR BLOCKING PANEL BETWEEN TRUSSES CAPABLE OF TRANSMITTING 400 PLF. WHERE # IS SHOWN AT ROOF RAFTERS, PROVIDE BLOCKING BETWEEN RAFTERS, AND CONTINUE THE SHEATHING OF THE SHEARWALL BELOW TO ATTACH TO THIS BLOCKING.
6. DESIGN END TRUSS TO SUPPORT OUT OF PLANE WIND LOADS. PROVIDE KICKER BRACING TO THE BOTTOM CHORD AT 32" OC MAX. END TRUSS TO BE ALSO CAPABLE OF TRANSMITTING SHEAR LOAD OF 400 PLF TO THE SHEARWALL BELOW.
7. TYPICAL TRUSS BEARING ELEVATION TO BE 149'-3" UNO.
8. ALL FRAMING MEMBERS TO BEAR ON TOP OF COLUMNS/WALLS TYP, UNO.
9. TOP OF STEEL ELEVATION FOR ALL STEEL MEMBERS IS TO BE 1 1/2" LOWER THAN ADJACENT WOOD FRAMING TO ALLOW FOR INSTALLATION OF SINGLE 2x NAILER ON TOP OF STEEL BEAM.
10. ALL ROOF SHEATHING SHALL BE APA RATED EXPOSURE 1 SHEATHING WITH A MINIMUM THICKNESS OF 19/32", DOC PS-1 OR PS-2, WITH A SPAN RATING OF AT LEAST 32/16 NAILED WITH 8d GALVANIZED COMMON NAILS AT 6" OC AT PANEL EDGES AND AT 12" OC AT INTERMEDIATE SUPPORTS TYP, UNO.
11. WALLS SHOWN ARE LOAD BEARING WALLS AND SHEARWALLS. STUDS ARE TO BE 2X6 EXTERIOR AND 2X4 INTERIOR AT 16" OC DOUGLAS FIR SOUTH NO. 2, UNO. SEE ARCH FOR STUD WALL LOCATIONS.
12. SEE SCHEDULE FOR HEADER INFORMATION.
13. COORDINATE HOIST BEAM ELEVATION WITH THE ELEVATOR MANUFACTURER.

[Diagram of building plan with various labeled points and dimensions]
4. "C" represents ASD factored compression force in diagonal bracing members.

3. "K" represents a unit of 1,000 lbs.

2. "T" represents ASD factored tension force in diagonal bracing members.

1. All requirements of ANSI/AISC 360 "Specification for Structural Steel Buildings" in the steel noted on the framing plans for connection design.

11. Centroidal axes of braced frame elements shall intersect at common work points, UNO.

4. See framing plan for gravity ASD factored beam end reactions for connection design. If no reaction is shown on plan, design for reaction shown in the typical beam connection schedule. See plans for ASD factored axial tension and compression forces in beams. Gravity ASD factored beam end reactions shown on plan, design for reaction shown in the typical beam connection schedule.

2. Compression members of braced frames shall be designed for factored compression forces due to wind and seismic as defined in the AISC specification. All tension members of braced frames shall be designed for the factored tension forces due to wind and seismic as defined in the AISC specification. The factored tension and compression forces due to wind and seismic shall be combined with the ASD factored tension and compression forces due to gravity.

1. Provide connection in accordance with Paragraph 1-0 of the AISC specification.
### Shearwall Construction and Schedule

#### Level 2
- **Studs**: 4 15/32 One-sided Yes 8d Common @ 6"
- **Joists**
  - **Cross**: 4 15/32 Two-sided Yes 8d Common @ 6"
  - **Bottom**: 3 7/16 One-sided Yes 8d Common @ 6"
- **Supports**
  - **MSTC52**: (2) 16d @ 3" OC
  - **HDU5**: 1/2" Dia Simpson Titen HD Anchor @ 32"
  - **HDU8**: 1/2" Dia Simpson Titen HD Anchor @ 32"

#### Level 3
- **Studs**: 4 15/32 One-sided Yes 8d Common @ 6"
- **Joists**
  - **Cross**: 4 15/32 One-sided Yes 8d Common @ 6"
  - **Bottom**: 4 15/32 Two-sided Yes 8d Common @ 6"
- **Supports**
  - **MSTC52**: (2) 16d @ 3" OC
  - **HDU5**: 1/2" Dia Simpson Titen HD Anchor @ 32"
  - **HDU8**: 1/2" Dia Simpson Titen HD Anchor @ 32"

#### Level 4
- **Studs**: 3 15/32 One-sided Yes 8d Common @ 6"
- **Joists**
  - **Cross**: 3 15/32 One-sided Yes 8d Common @ 6"
  - **Bottom**: 4 15/32 Two-sided Yes 8d Common @ 6"
- **Supports**
  - **MSTC52**: (2) 16d @ 3" OC
  - **HDU5**: 1/2" Dia Simpson Titen HD Anchor @ 32"
  - **HDU8**: 1/2" Dia Simpson Titen HD Anchor @ 32"

#### Roof Sheathing on Framing

- **Headers**
  - **Bottom**: 2x Header, See Sched
  - **Top**: 4x Header, See Sched
- **Blocks**
  - **Unblocked**: 5/16" Two-sided Yes 8d Common @ 4"
  - **Blocked**: 3/4" One-sided Yes 8d Common @ 6"

### Shearwall Schedule

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
<th>Thickness</th>
<th>Placement</th>
<th>Block Type</th>
<th>Anchorage</th>
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<tr>
<td>2</td>
<td>Unblocked</td>
<td>5/16&quot;</td>
<td>Two-sided</td>
<td>Yes</td>
<td>8d Common</td>
</tr>
<tr>
<td>3</td>
<td>Blocked</td>
<td>3/4&quot;</td>
<td>One-sided</td>
<td>Yes</td>
<td>8d Common</td>
</tr>
</tbody>
</table>

### Wood Shearwall Schedule

#### Level 2
- **Spacing**: 624 South Peoria Avenue
- **Material**: 2002 East 6th Street

### Exterior Lintel Elev at Bearing Wall

- **SHEARWALL TO TRUSS CONNECTION**