

P.O. BOX 1162, HAYDEN, CO 81639  
970-217-5099

09/29/2025

[illegible]

ETEN

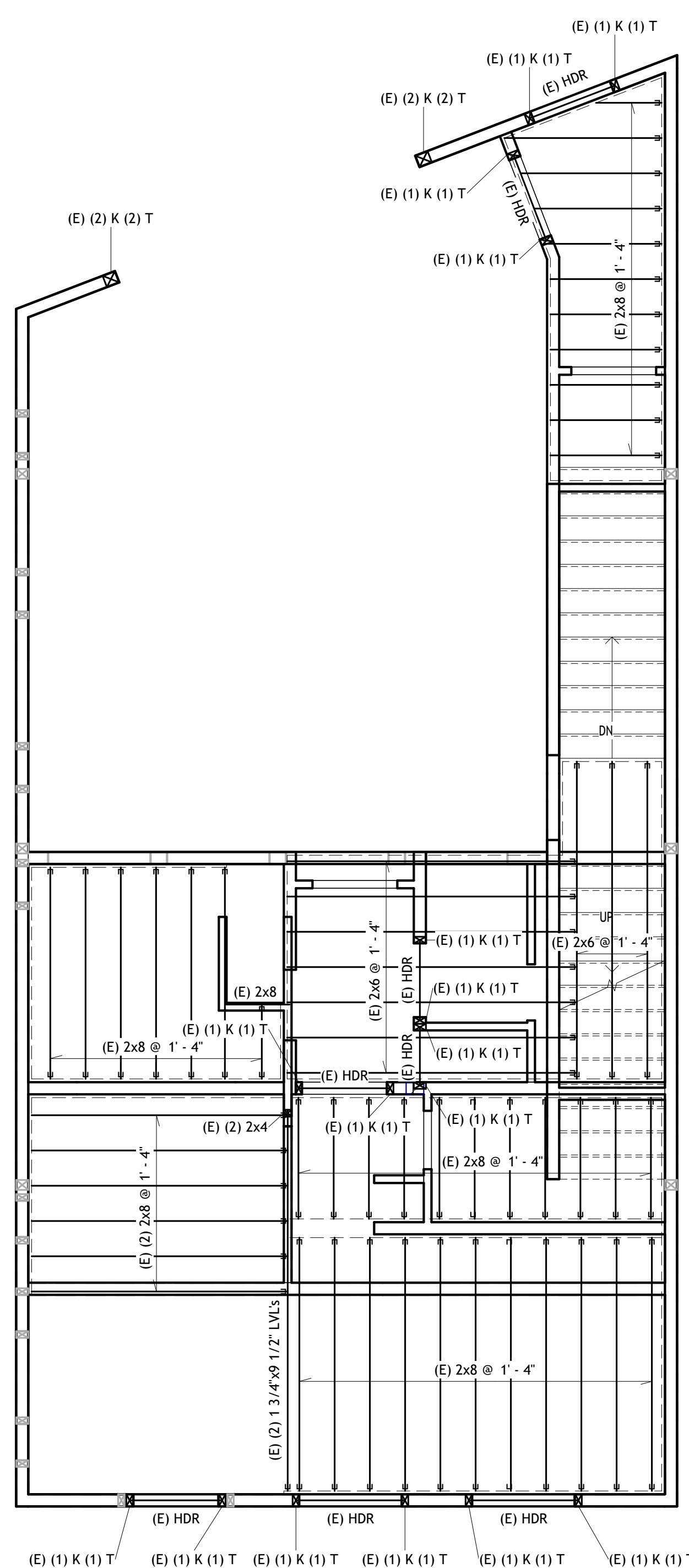
1920 BRIDGE LN, UNIT 8  
STEAMBOAT SPRINGS, CO 80487

## Existing Structural Plans

|                |       |
|----------------|-------|
| Project Number | 25-00 |
| Date           | 5/9/2 |
| Drawn By       | DP    |
| Checked By     | DP    |

S101

|       |              |
|-------|--------------|
| Scale | 1/4" = 1'-0" |
|-------|--------------|



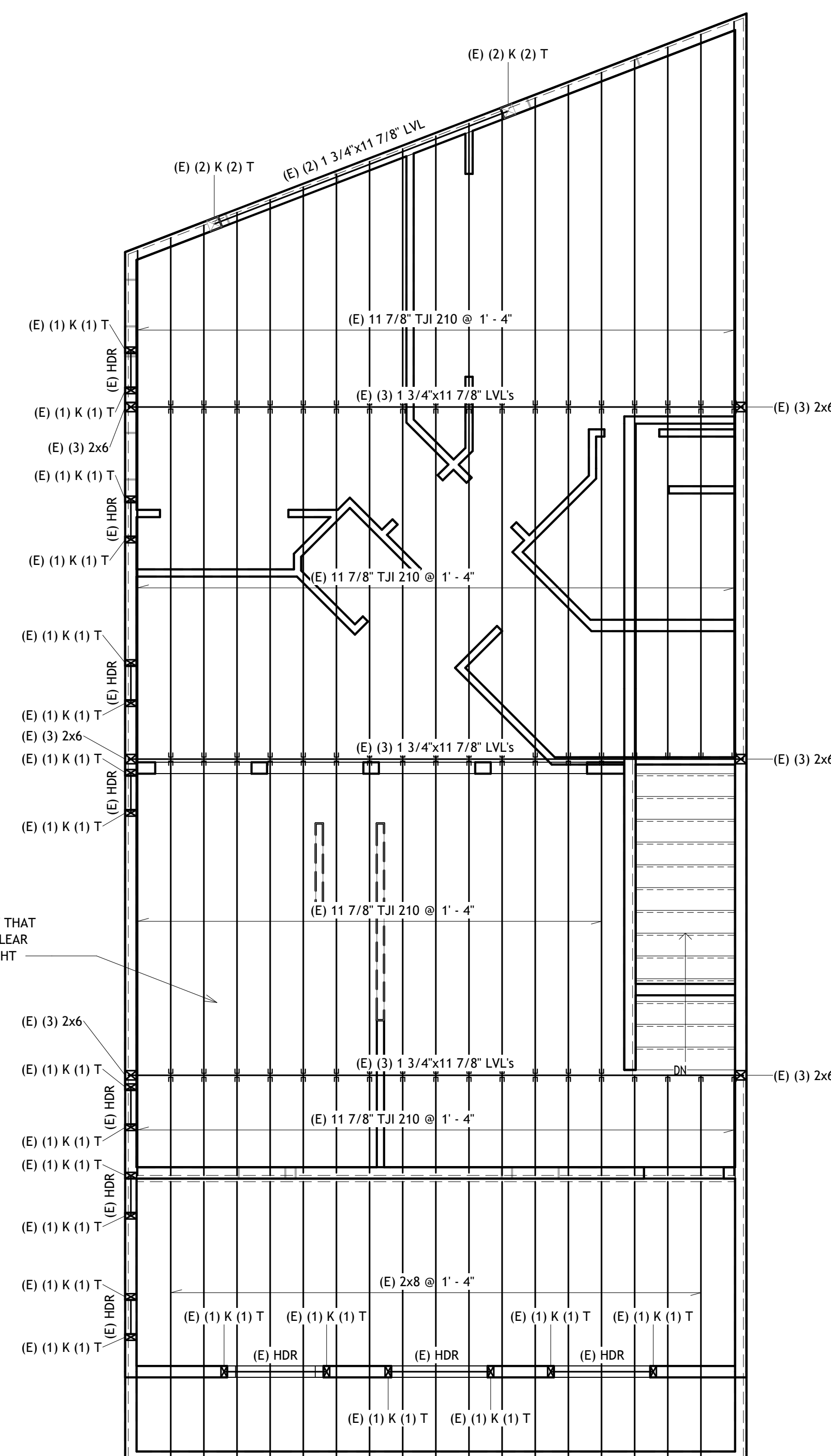
### EXISTING SECOND LEVEL FRAMING PLAN

TYPICAL AT FLOOR, 3/4" APA RATED, EXPOSURE 1, SHEATHING

ELEVATIONS TO BE VERIFIED BY CONTRACTOR

ALL EXISTING FRAMING MEMBER SIZES SHOWN SHALL BE FIELD VERIFIED BY CONTRACTOR AT TIME OF CONSTRUCTION. ALL DIMENSIONS SHOWN SHALL BE FIELD VERIFIED BY CONTRACTOR AT TIME OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE SHOWN ON DRAWINGS PRIOR TO CONSTRUCTION

NO CHANGES TO BE MADE TO FOUNDATION



EXISTING THIRD LEVEL FRAMING PLAN

TYPICAL AT FLOOR, 3/4" APA RATED, EXPOSURE 1, SHEATHING

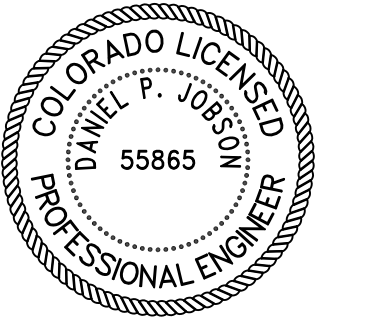
ELEVATIONS TO BE VERIFIED BY CONTRACTOR

ALL EXISTING FRAMING MEMBER SIZES SHOWN SHALL BE FIELD VERIFIED BY CONTRACTOR AT TIME OF CONSTRUCTION. ALL DIMENSIONS SHOWN SHALL BE FIELD VERIFIED BY CONTRACTOR AT TIME OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE SHOWN ON DRAWINGS PRIOR TO CONSTRUCTION

NO CHANGES TO BE MADE TO ROOF FRAMING

P.O. BOX 1162, HAYDEN, CO 81639  
970-217-5099

09/29/2025

[illegible]

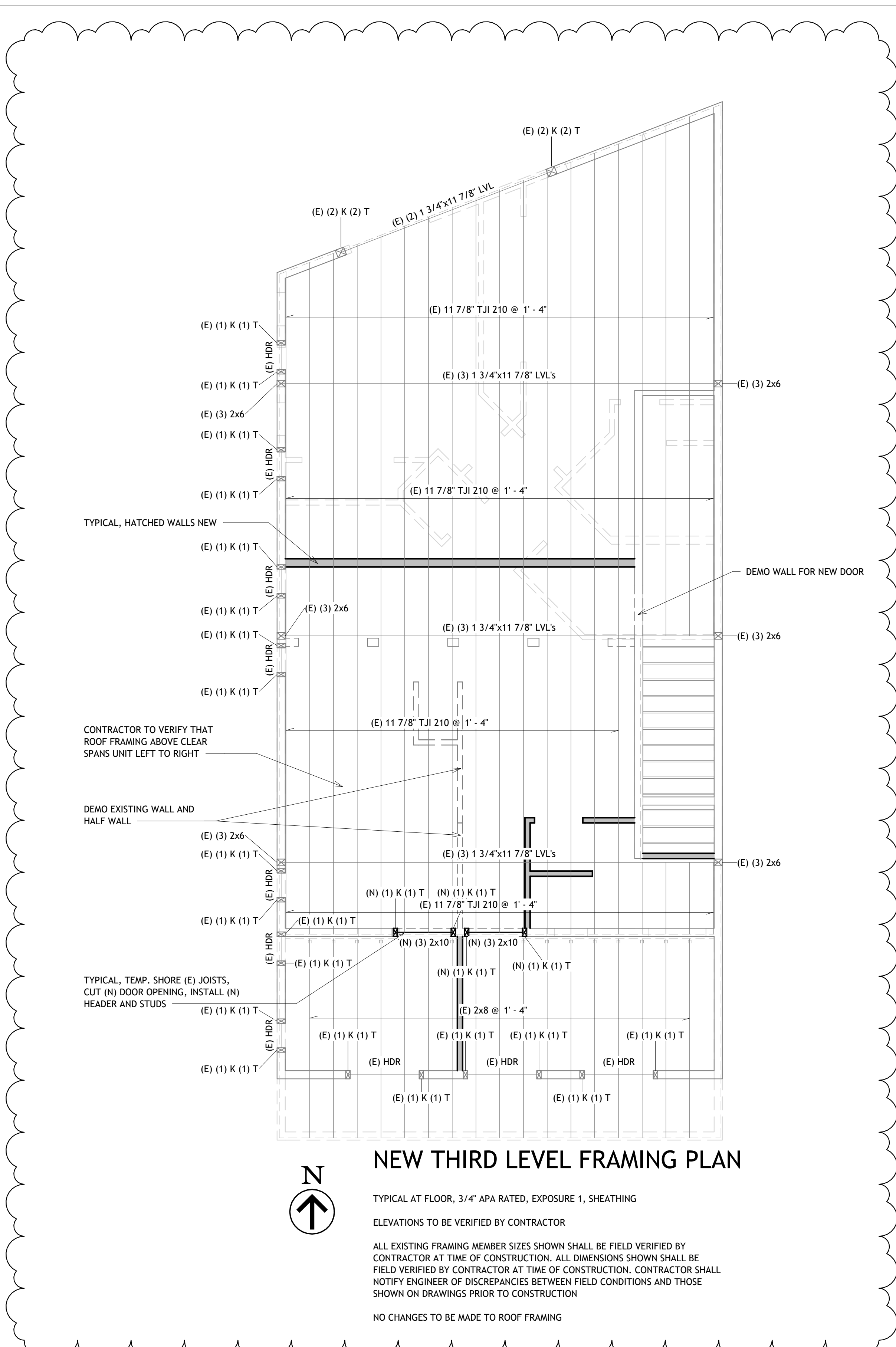
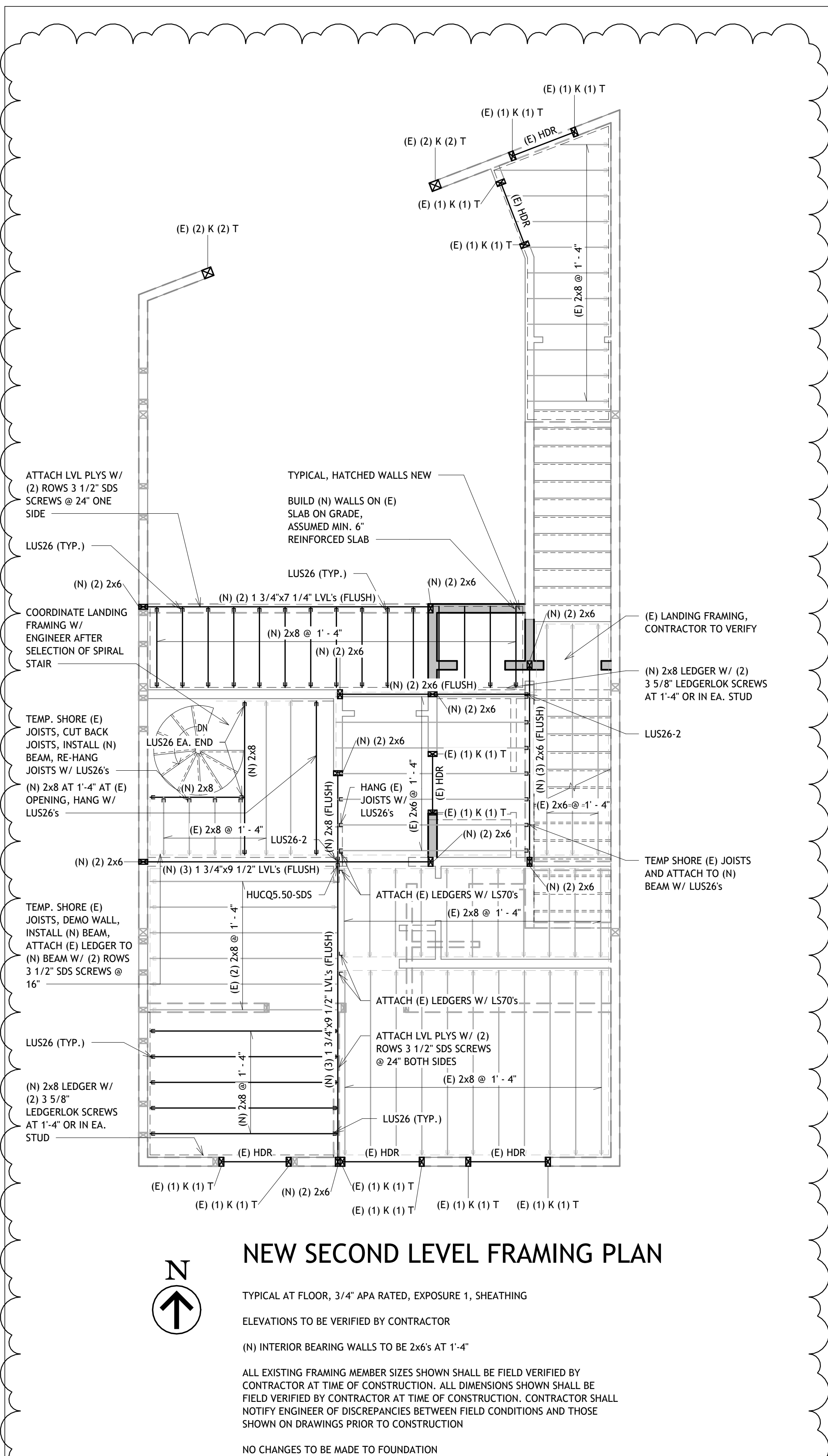
1920 BRIDGE LN, UNIT 8  
STEAMBOAT SPRINGS, CO 80487

## New Structural Plans

|                |        |
|----------------|--------|
| Project Number | 25-005 |
| Date           | 5/9/25 |
| Drawn By       | DPJ    |
| Checked By     | DPJ    |

# S102

Scale  $1/4" = 1'-0"$



|     |                                     |    |
|-----|-------------------------------------|----|
| a.  | Roofs .....                         | 85 |
| psf |                                     |    |
| b.  | Floors.....                         | 40 |
| psf |                                     |    |
| c.  | Wind..... Risk Category II, 115 mph |    |
|     | Ultimate Wind Speed, Exposure "B"   |    |
| d.  | Seismic..... IBC Design Category    |    |
| C   |                                     |    |

- a. Structural steel rolled shapes shall conform to ASTM A572, Grade 50. Plates and angles shall conform to ASTM A36. Tube shapes shall conform to ASTM A500 Grade B., 46 ksi yield. Pipe shapes shall conform to ASTM A53, Grade B.
- b. All bolts shall conform to ASTM Specification A307. See "Reinforced Concrete" for anchor bolts.
- c. All welding shall be done by a certified welder.

- a. Except where noted otherwise, all 2" lumber shall be Douglas Fir-Larch S4S No. 2 or better, and all solid timber beams and posts shall be Douglas Fir-Larch No. 1 or better. All members shall be treated with 1.3E LULW with allowable fiber stress in bending = 1700 psi, modulus of elasticity of 1.3x10(6) psi, and allowable shear stress = 425 psi.
- b. Except as noted otherwise, minimum nailing shall be provided as specified in Table 2304.10.2.2 "Fastening Schedule" of the IBC 2021 edition.
- c. Floor and roof joists shall be APA rated Structural I sheathing with exterior glue and graded in accordance with APA standards. Panel identification and thickness shall be as noted on the drawings.
- d. Where light gauge framing members are shown on the drawings, they shall be Simpson "Strong Tie" or equal ICC-ES approved connectors and shall be installed with the number and type of nails recommended by the manufacturer to develop the rated capacity.
- e. Laminated Veneer Lumber shall be of such stress grade to provide members with allowable fiber stress in bending = 2600 psi, modulus of elasticity of 1.9x10(6) psi, and allowable shear stress parallel to the glue line = 285 psi.

**REQUIREMENTS**

a. The structural drawings illustrate the completed structure with all elements in their final positions, properly supported and braced.

b. The Contractor, in the proper sequence, shall provide proper shoring and bracing as may be required during construction to achieve the final completed structure.

- a. All special inspections shall comply with chapter 17 of the International Building Code (IBC). These inspections are in addition to the inspections specified in Section 110 of the IBC.
- b. The Building Official Inspector and testing agent shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work.
- c. The Special Inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the Building Official, for inspection of the particular type of construction or operation requiring special inspection.
- d. The credentials of all inspectors, administrators and testing technicians shall be provided if requested.
- e. The Special Inspector shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge.
- f. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge.
- g. The Special Inspection Program does not relieve the Contractor of his or her responsibilities.
- h. A Final Report of Special Inspections documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.
- i. Job site safety and means and methods of construction are solely the responsibility of the Contractor.
- j. The Special Inspection program does not relieve the Contractor or any other entity of any contractual duties, including quality control, quality assurance, or safety.
- k. The Contractor is solely responsible for construction means, methods, and job site safety.
- l. Special inspection is required for the off site fabrication of structural steel load-bearing members and assemblies unless the work is done on the premises of a fabricator registered and approved to perform such work without special inspection.