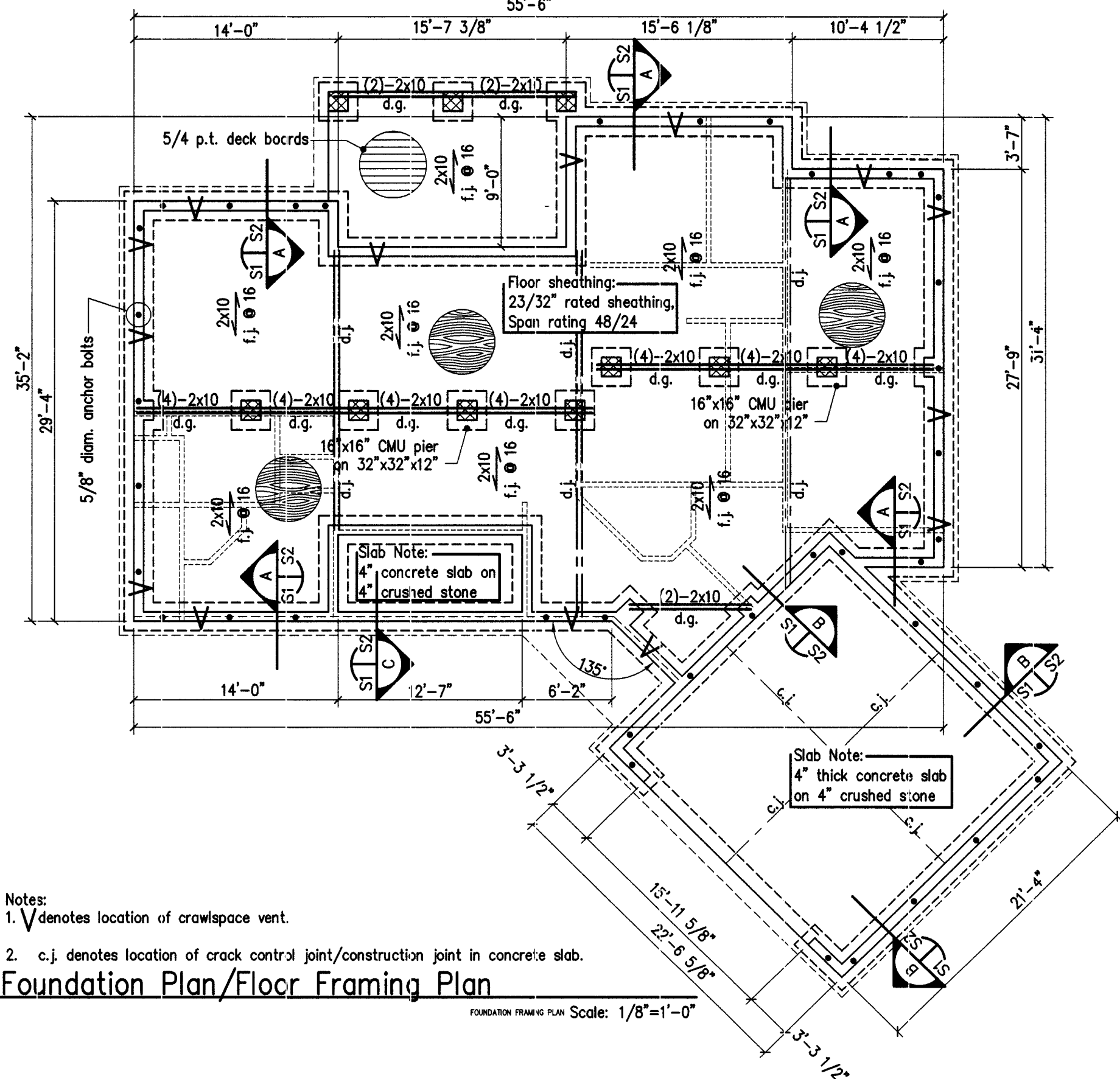


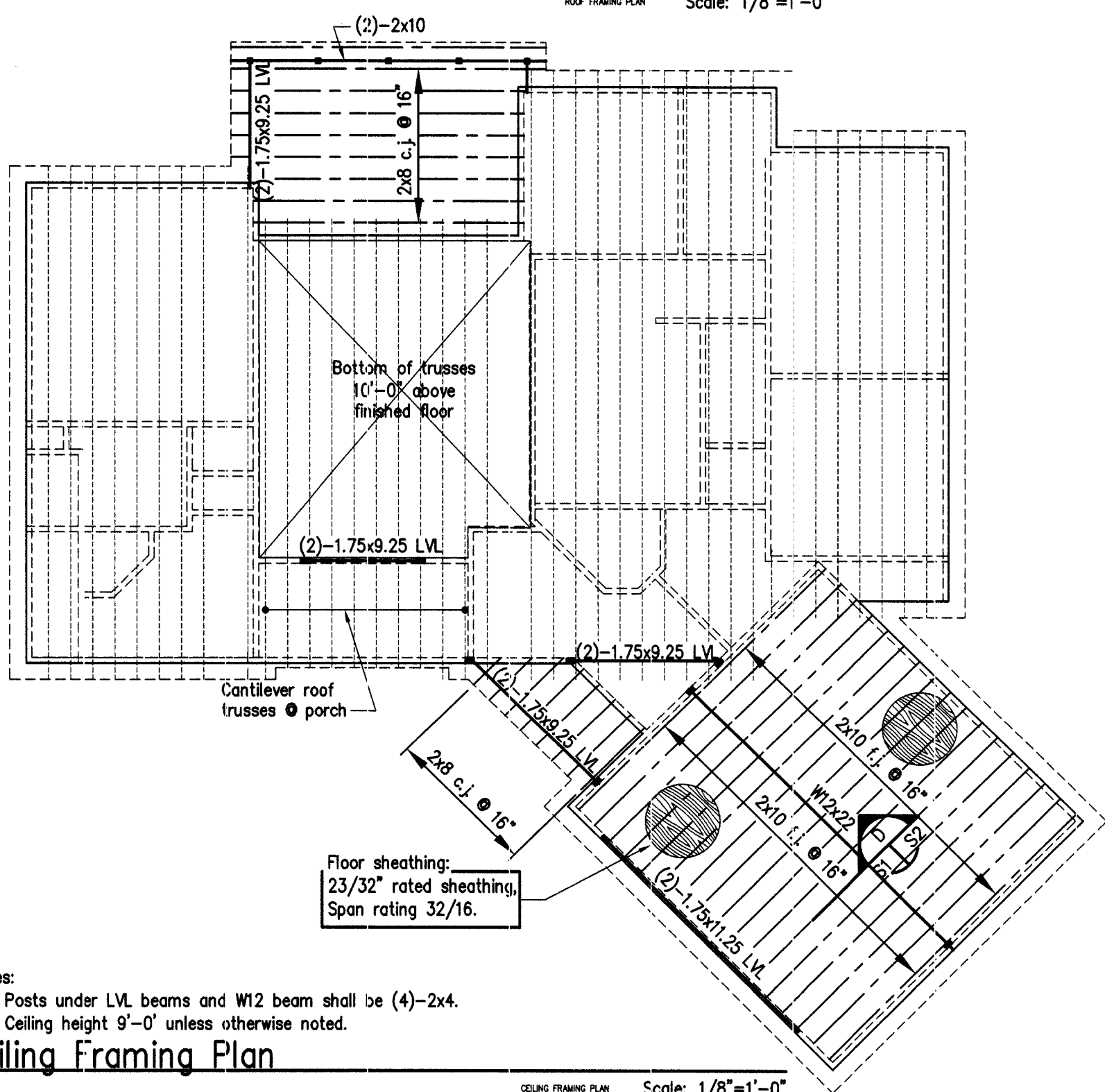
Roof Framing Plan

Scale: 1/8"=1'-0"



Notes:  
 1. V denotes location of crawspace vent.  
 2. c.j. denotes location of crack control joint/construction joint in concrete slab.  
 Foundation Plan/Floor Framing Plan

Scale: 1/8"=1'-0"



Notes:  
 1. Posts under LVL beams and W12 beam shall be (4)-2x4.  
 2. Ceiling height 9'-0" unless otherwise noted.  
 Ceiling Framing Plan

Scale: 1/8"=1'-0"

GENERAL NOTES AND OUTLINE SPECIFICATIONS

01000 GENERAL

- Design Live Loads  
 Roof 20 psf  
 Ground Snow Load: 15 psf
- Roof Snow Loads (2018 NC Building Code, 2015 IBC, ASCE 7-10)
- Wind loads (2018 NC Building Code, 2015 IBC, ASCE 7-10)  
 Main Wind Force Resisting System  
 Basic Wind Velocity: 120 mph; Exposure: B
- Earthquake Loads (2018 NC Building Code, 2015 IBC, ASCE 7-1C)  
 Exempt from seismic requirements: 2018 NC residential Code, 2015 IRC R301.2.2.
- Lateral design controlled by Wind Loads.
- Contractor is responsible for dissemination of revisions to contract documents and requirements to all Subcontractors.
- Contractor shall verify all dimensions, elevations and existing conditions before proceeding with construction.
- Structural frame shall be braced until erection is complete and permanent connections, bracing members and shear walls are installed.

02000 FOUNDATION

- Design soil bearing capacity: 2,000 psf (presumed).

03000 CONCRETE

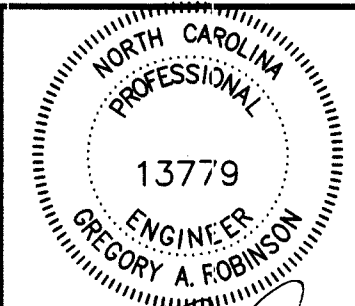
- Proportion concrete mixes to provide normal weight (145 pcf) concrete with the following properties:
- | Element                    | Slump (in.) | Air (% vol) | w/c ratio | Comp. strength at 28 days | Max. agg size (in.) |
|----------------------------|-------------|-------------|-----------|---------------------------|---------------------|
| Footings, foundation walls | 5-6         | 3           | 0.63      | 3,000 psi                 | 1-1/2               |
| Slab on grade              | 3-4         | 4-6         | 0.50      | 4,000 psi                 | 1-1/2               |

06110 WOOD FRAMING AND PLYWOOD

- Lumber materials shall conform to the requirements of the Southern Pine Inspection Bureau (SPIB), Western Wood Products Association (WWPA).
- Framing shall be kiln-dried, Southern Pine species, #2 grade, surfaced dry, 15 percent maximum moisture content.
- Nailing for wood construction shall be in accordance with the applicable building code fastening schedule unless otherwise noted on the plans.
- Nails, screws and hardware shall be zinc electroplated steel for exterior locations or for use with treated wood. Bolts, washers, and nuts shall be hot-dipped galvanized.
- Wood members in contact with ground or embedded in concrete shall be pressure preservative treatment water borne preservative.
- Provide for erection loads, and for sufficient temporary bracing to maintain structure safe, plumb, and in true alignment until completion of erection and installation of permanent bracing.
- Plywood for sheathing shall conform to the grading rules of U.S. Product Standard PS 1, latest edition, and shall have appropriate grade trade mark of an American Plywood Association approved agency on each plywood panel. Sheathing shall be APA rated sheathing in thicknesses and span ratings shown or drawings. Sheathing shall be applied in full sheets or in largest pieces practical for the area being covered.
- Secure roof sheathing perpendicular to framing members with ends staggered and sheet ends over firm bearing. Use sheathing clips between sheets between roof framing members.

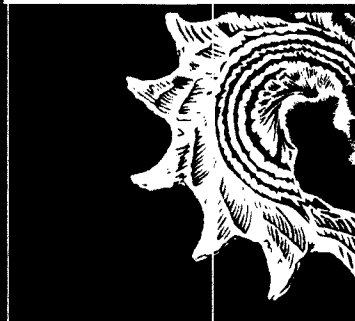
06171 LAMINATED VENEER LUMBER

- Laminated veneer lumber (LVL) members shall be furnished as shown on the plans. Sizes shown on plans are actual sizes (width x height) in inches.
- Materials, manufacture and quality control shall be in a plant evaluated for fabrication by the governing code evaluation service and under the supervision of a third party inspection agency listed by the corresponding evaluation agency.
- Veneers shall be southern pine laminated in a press with all grain parallel with the length of the member. Glues used in lamination shall be phenol formaldehyde and isocyanate, exterior type, adhesives complying with ASTM D2559.
- Laminated veneer lumber (LVL) members shall conform to the following minimum design values:  
 Fb (Bending) 2,600 psi  
 Fc (Compression Parallel to Grain) 3,000 psi  
 Fv (Horizontal Shear) 280 psi  
 E (Modulus of Elasticity) 2,000,000 psi
- Store LVL members under cover and clear of ground.
- LVL members shall be structural grade and unfinished unless otherwise noted on plans.



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New Residence  
 13321 Highway NC 27 West  
 Broadway, North Carolina  
 For: Fred Construction Company

Drawn	GAR	Date	26JAN24	Check	GAR	Date	26JAN24
Issued for				Filename		Date	
Issued for				Issued for		Date	
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