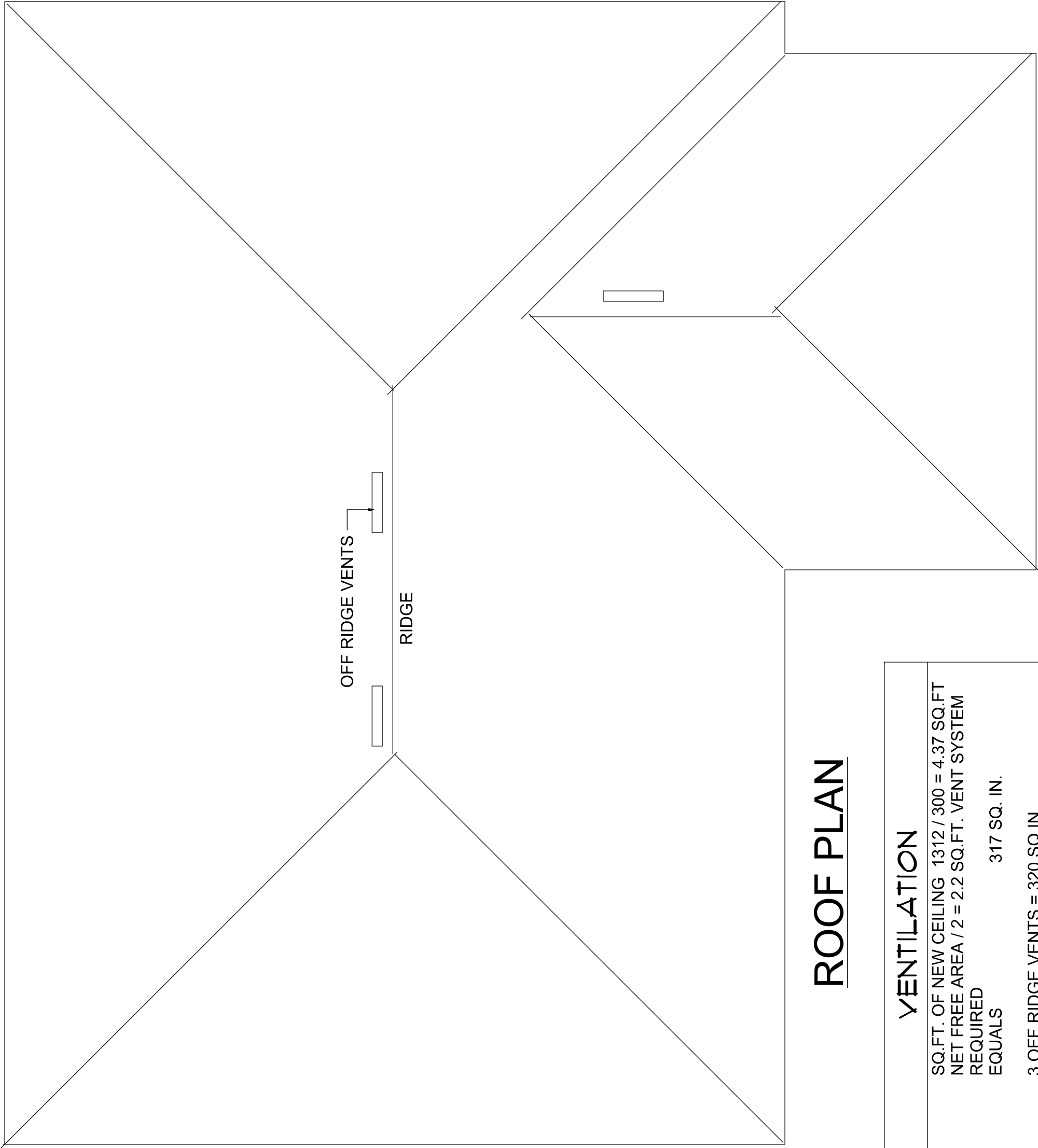




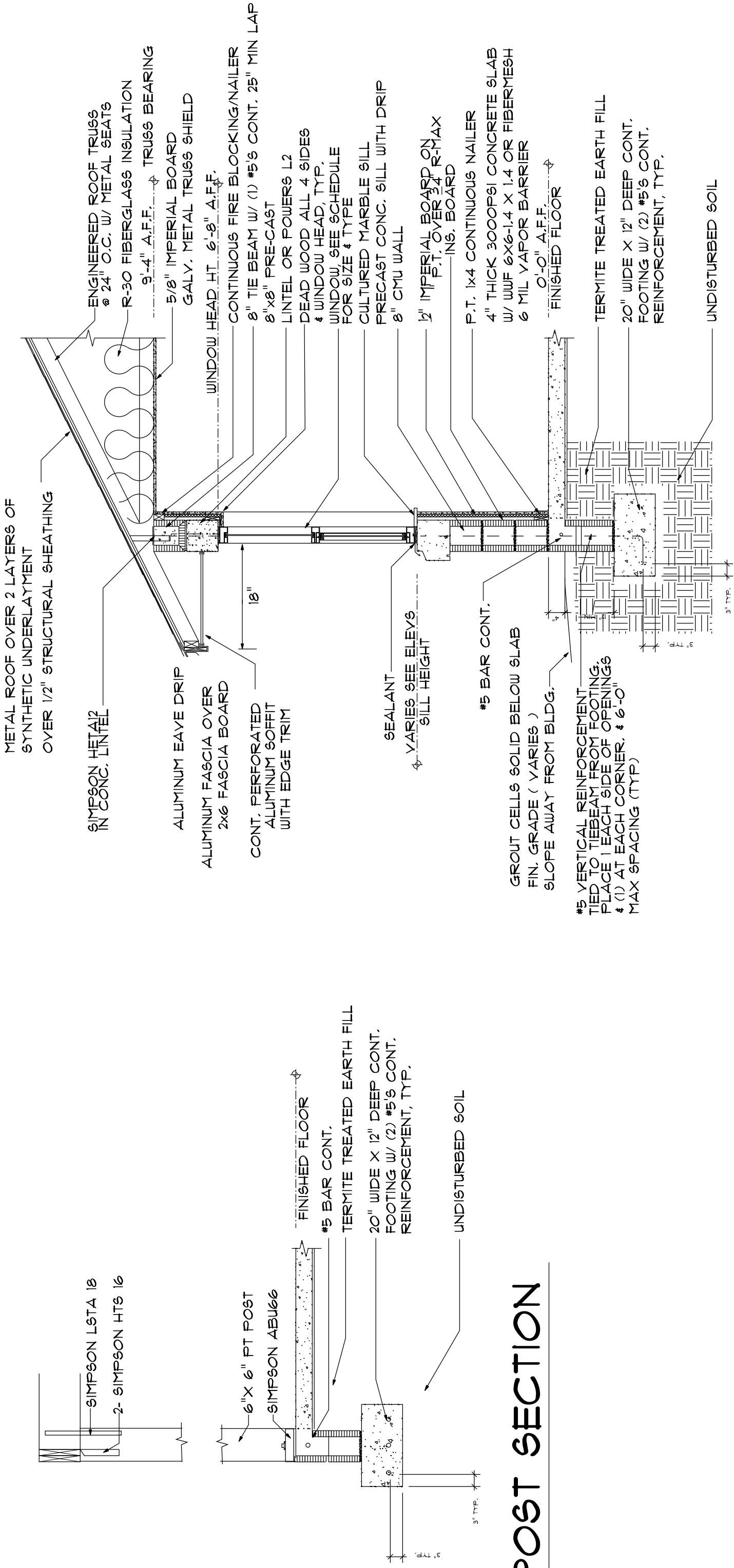
ROOF PLAN

VENTILATION

SQ.FT. OF NEW CEILING 1312 / 300 = 4.37 SQ.FT
NET FREE AREA / 2 = 2.2 SQ.FT. VENT SYSTEM
REQUIRED
EQUALS 317 SQ. IN.

3 OFF RIDGE VENTS = 320 SQ. IN.
TOTAL TO BE INSTALLED 320 SQ.IN.

SOFT VENT SYSTEM 2.2 SQ.FT.
DIVIDED BY 0.03226 S.F. PER SQ.FT.
OF SOFT
EQUALS S.F. OF SOFT PANEL PER SYSTEM 69 SQ.FT.
DIVIDED BY 1.5 = 46 L.F. OF VENTED SOFT
BUILDING HAS 80+ OF SOFT AVAILABLE



POST SECTION

WALL SECTION

Concrete Construction Notes

- Concrete work shall conform to "Building Code Requirements for Reinforced Concrete" (ACI-318) and "Specifications for Structural Concrete" (ACI-301), Latest Edition.
- Concrete mix shall conform to the following specifications. All concrete mixes shall contain a water-reducing admixture conforming to ASTM C-494. Air-entraining admixture shall conform to ASTM C-260.

CONCRETE MIX A

Ultimate Compressive Strength @ 28 days	3,000 PSI
Slump Range	4 +/- 1"
Maximum Aggregate Size	1"
Entrained Air	None
Dry Weight per Cubic Foot	150 #

- All concrete shall be cured for a minimum of 28 days. If forms for vertical surfaces are removed prior to the end of the curing period, spray surfaces with liquid membrane curing compound.
- Reinforcing steel shall conform to ASTM A615, Grade 40 (Fy=40 ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
- Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets two mesh spaces and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
- All slabs on grade shall have construction or control joints not to exceed 10' - 0" spacing, unless otherwise noted.
- Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.

Masonry Construction Notes

- Concrete masonry work shall conform to "Building Code Requirements for Masonry Structures" (ACI 530-02/ASCE5-02) and "Specifications for Masonry Structures: (ACI 530.1-02/ASCE6-02).
- Concrete masonry units shall be Type 1 and comply with "Standard Specifications for Hollow Load-Bearing Concrete Masonry Units" (ASTM C90-90).
- The minimum net area compressive strength of masonry (fm), as determined by the unit strength method, shall be 1500 psi.
- Mortar shall conform to ASTM C270. Type M Mortar shall be used unless otherwise noted. Type S Mortar shall be used with masonry in contact with earth.
- Masonry column reinforcement shall have #2 ties in the bed joints at 8" oc, unless otherwise noted.
- Grout for filling block cores and bond beams shall have a minimum compressive strength (fc) of 3,000 psi at the age of 28 days.

10:37:10
-04'00"

Digitally
signed by
Michael E.
Driscoll PE
Date:
2026.06.25



DRISCOLL ENGINEERING, INC.
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