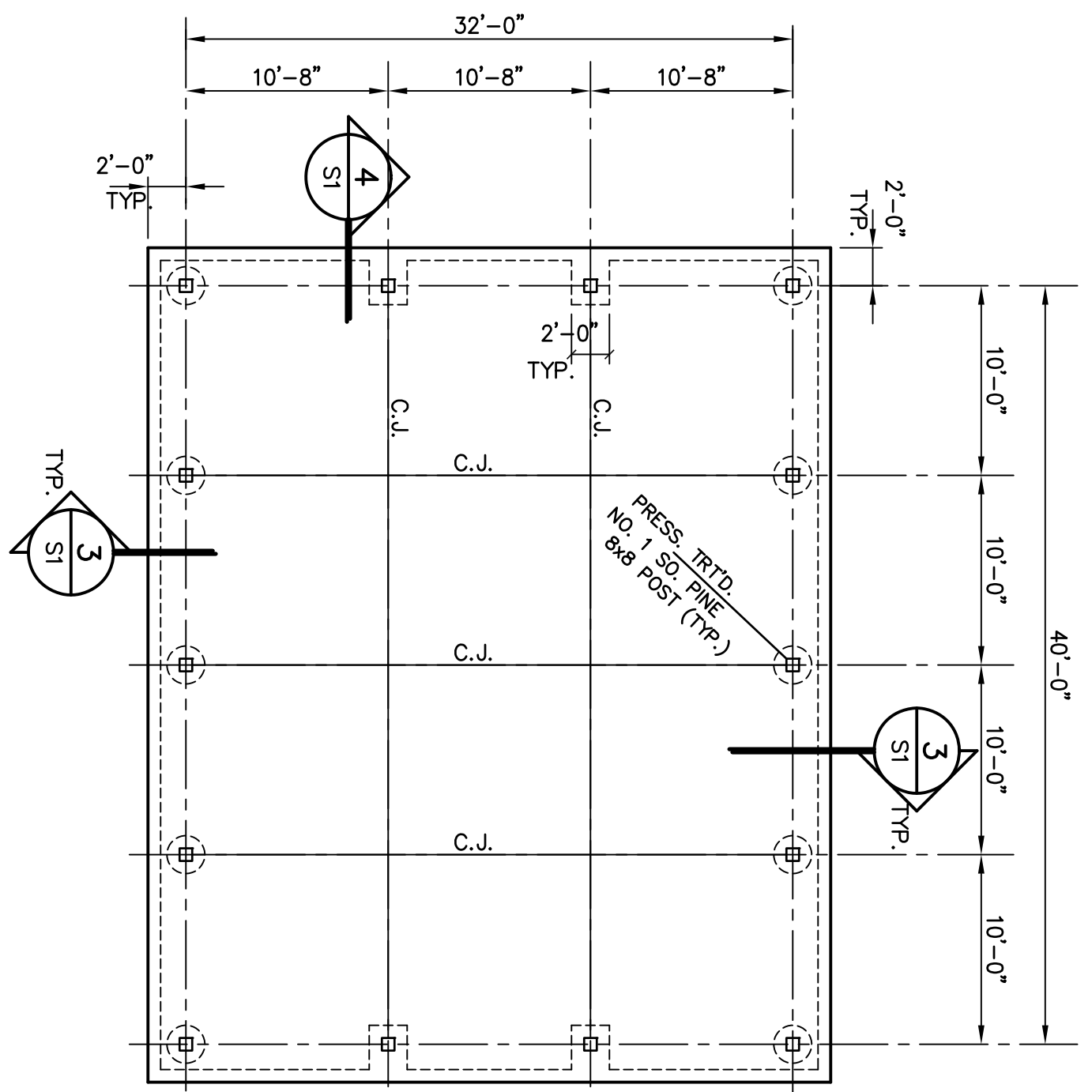
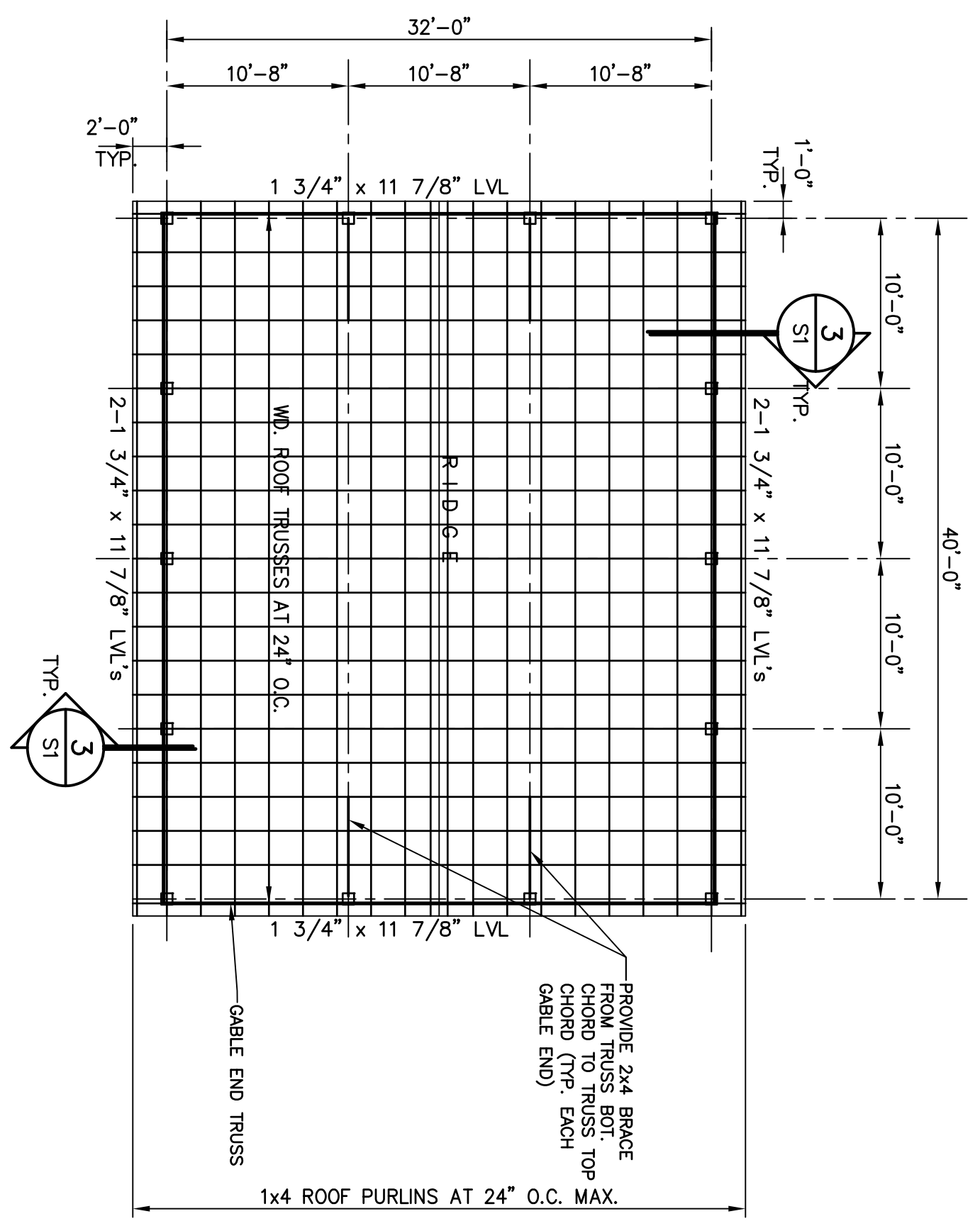


GENERAL NOTES

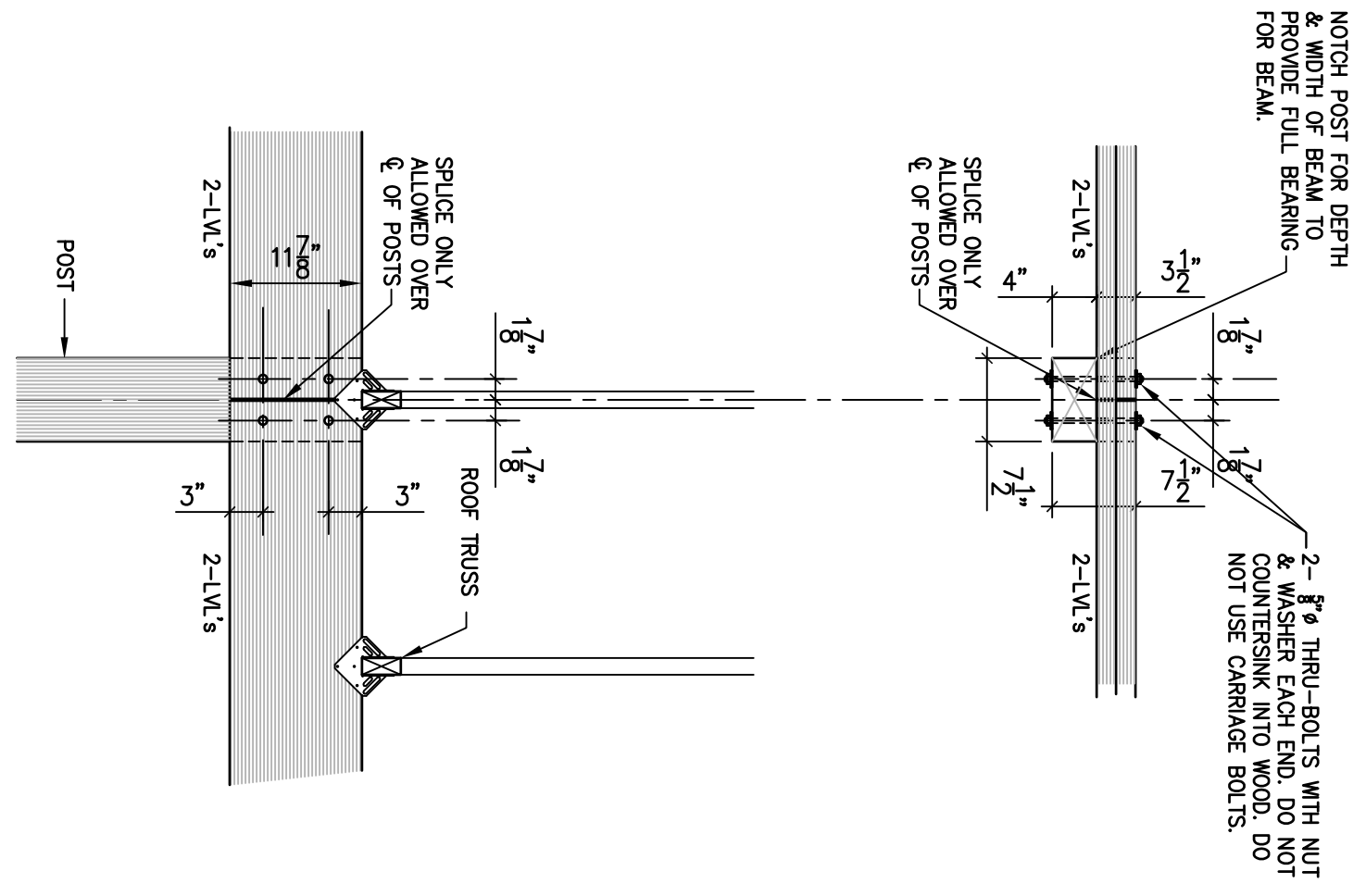
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING REQUIRED.
 ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF N.C. BUILDING CODE.
 ALL CONCRETE SHALL HAVE A MIN. 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I. AND SHALL BE VIBRATED IN PLACE DURING PLACEMENT.
 REINFORCING FOR CONCRETE SHALL CONFORM TO ASTM A-615, GRADE 60.
 ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
 THE FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ASSUMED ASSAULT SOIL PROPERTIES AS ALLOWED BY N.C. CODE. ACTUAL SOIL CONDITIONS SHALL BE VERIFIED BY A GEOTECHNICAL ENGINEER IN WRITING. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE FOUNDATION DESIGN FOR POSSIBLE CHANGES IN SOIL CONDITIONS FOR CONSIDERATION OF POSSIBLE CHANGES IN DESIGN OF FOUNDATIONS SHOWN ON THIS DRAWING.
 ALL LUMBER SHALL BE NEW, PRESSURE TREATED, NO. 1 MINIMUM GRADE, SOUTHERN PINE, UNLESS NOTED. ALL FASTENERS SPECIFIED ARE COMMON WALLS.
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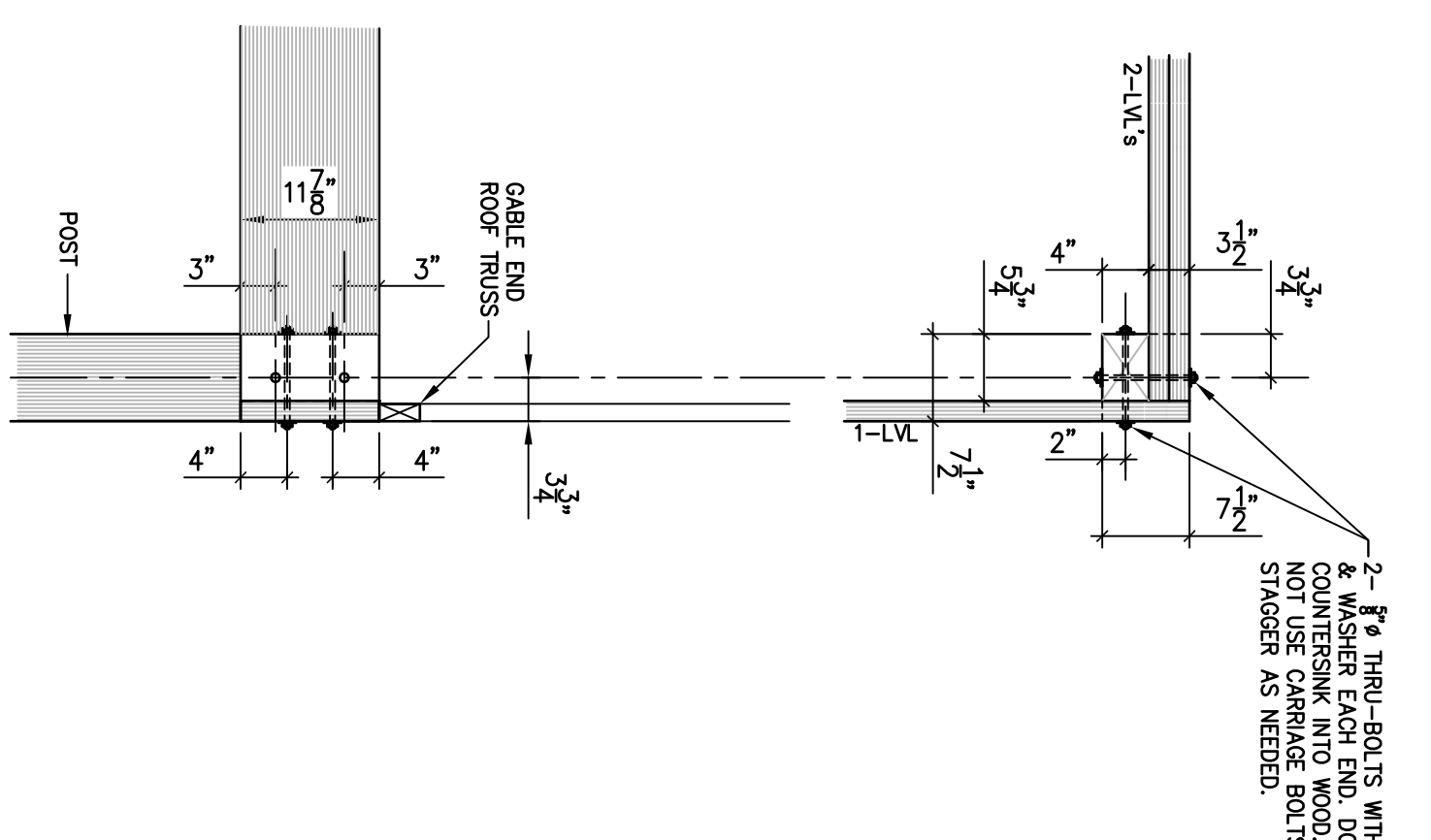
1 FOUNDATION PLAN
 SCALE: 1/8"=1'-0"



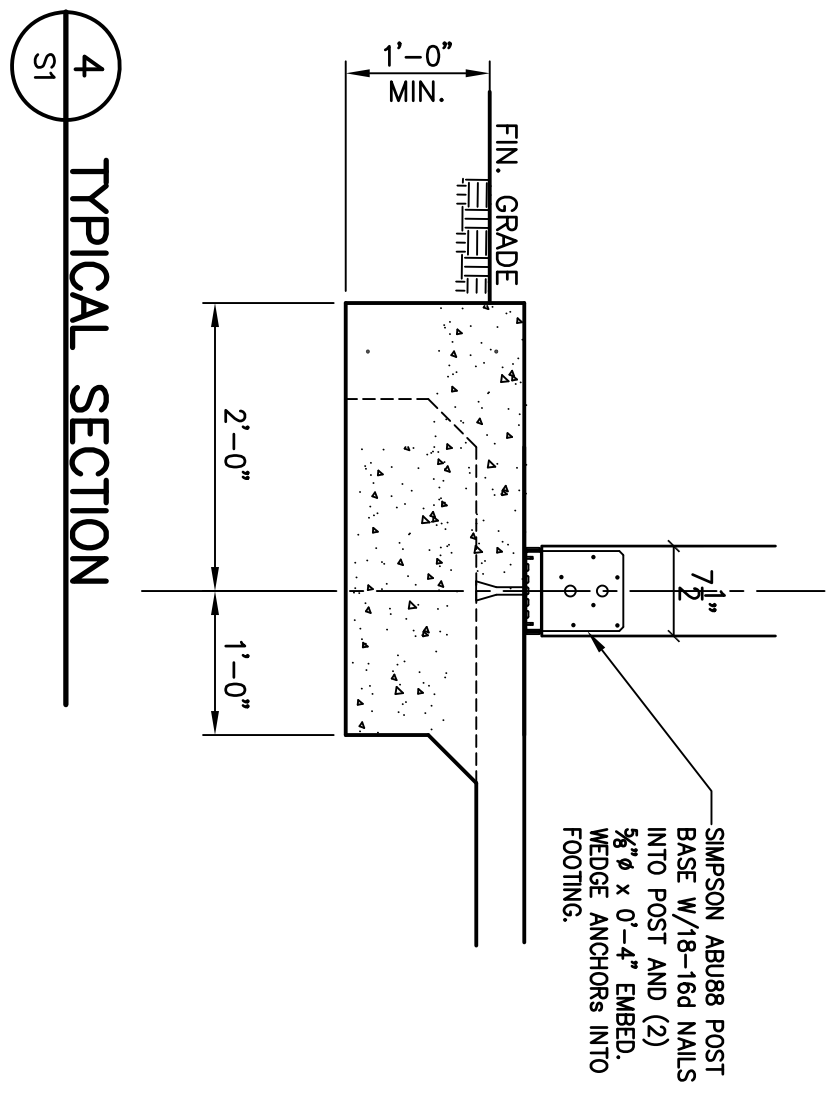
2 ROOF FRAMING PLAN
 SCALE: 1/8"=1'-0"



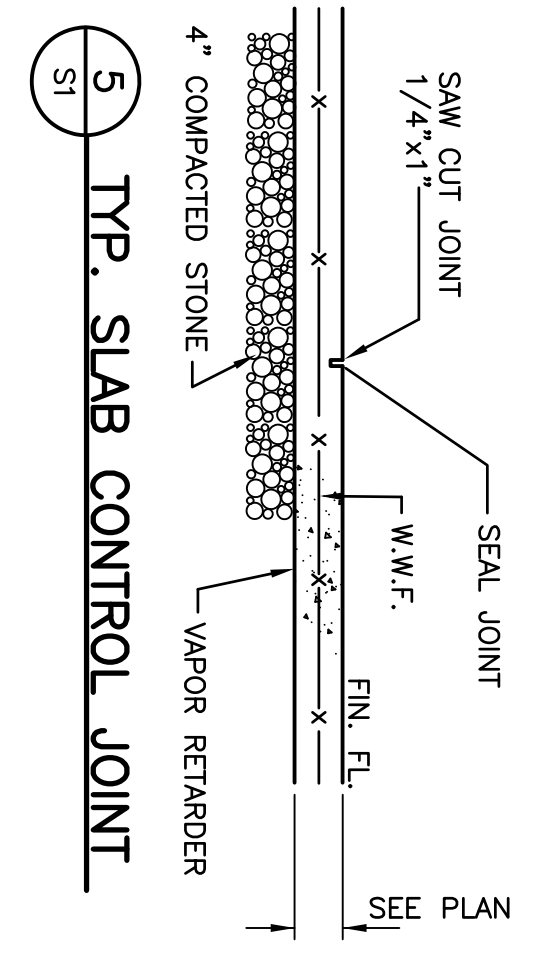
BEAM AT INTERIOR POST



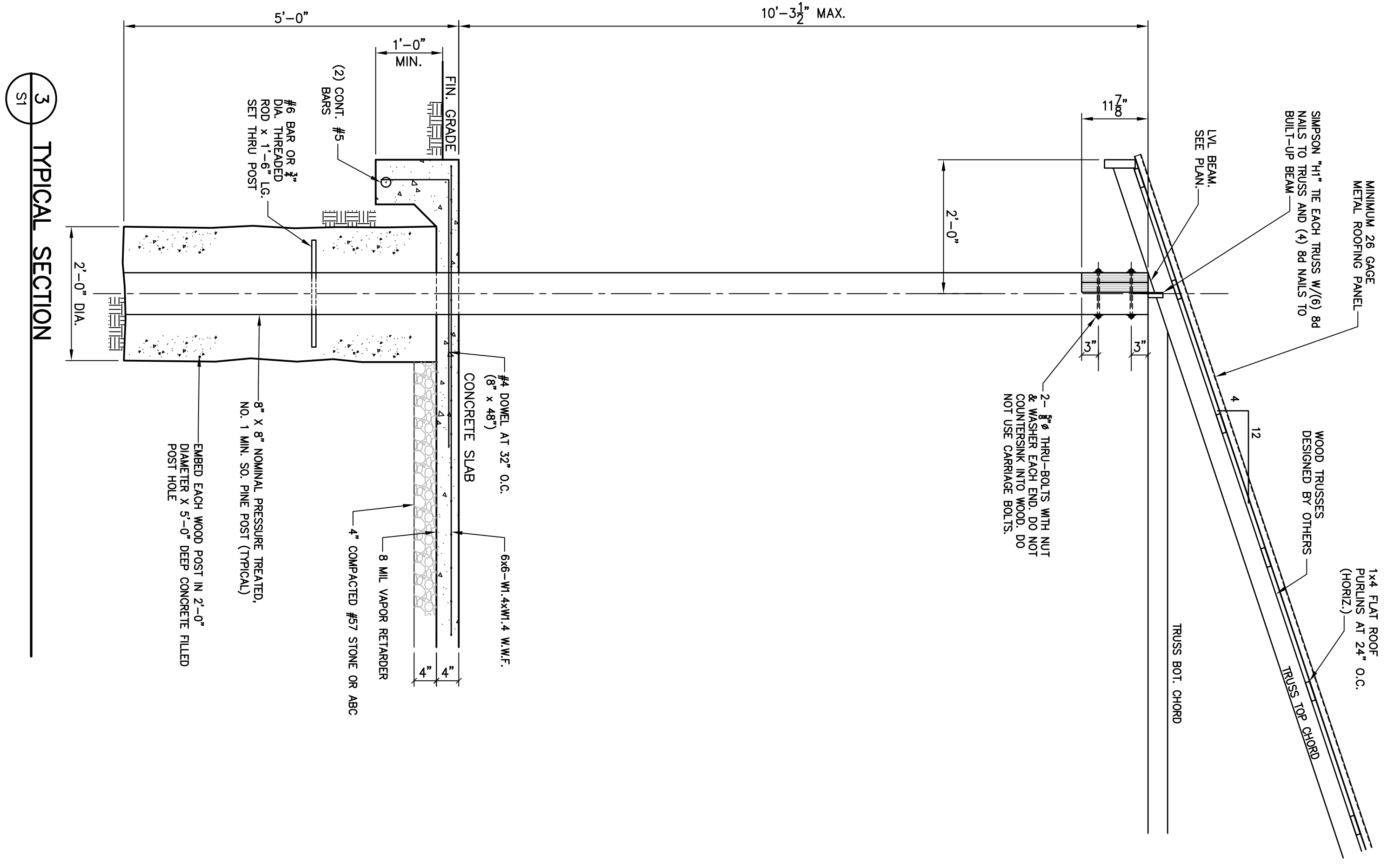
BEAM AT CORNER POST



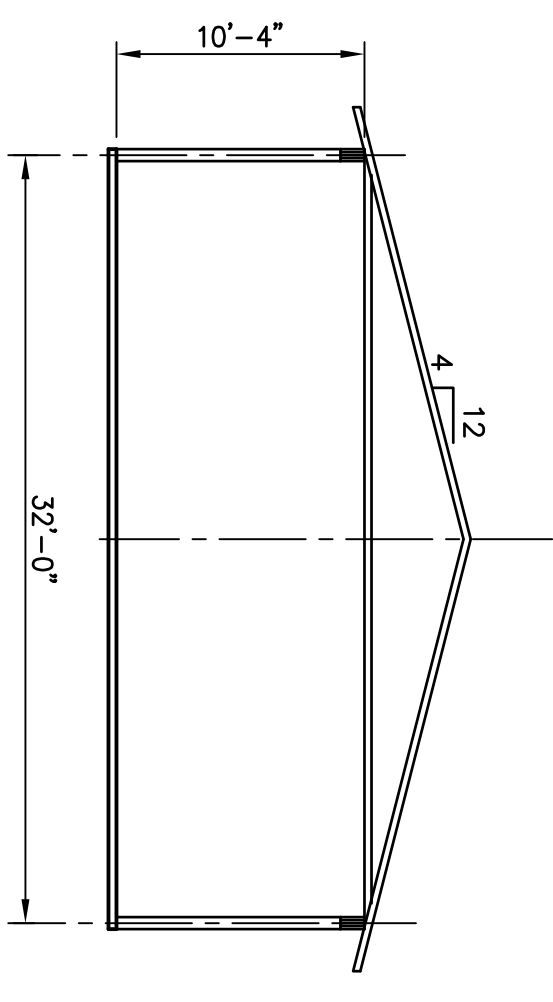
4 TYPICAL SECTION



5 TYP. SLAB CONTROL JOINT



3 TYPICAL SECTION



DESIGN LOADS:
 Importance Factors: Wind (I_w) **1.0**
 Snow (I_s) **1.1**
 Seismic (I_e) **1.25**
 Roof **2.0** p.s.f.
 Live Load: **20** p.s.f.
 Ground Snow Load: **15** p.s.f.
 Wind Load: Basic Wind Speed **120** mph (ASCE-7-10)
 Exposure Category **C**
 Wind Base Shear (for W/MFRS) Where $\alpha = 1.65K$
 $V = 0.8$
SEISMIC DESIGN CATEGORY: D
 Provide the following Seismic Design Parameters:
 Occupancy Category **D**
 Spectral Response Acceleration S_a **0.185**g S_s **0.075**g
 Site Classification **D**
 Basic Structural System (Check one)
 Bearing Wall Dual w/Inlet, R/C or Special Moment Frame
 Moment Resisting Frame Inverted Pendulum
 Seismic Base Shear $V =$ Simplified **2.1** K Equivalent Lat. Force Analysis Procedure Architectural, Mechanical, Components anchored?
LATERAL DESIGN CONTROL: Earthquake Wind
SOIL BEARING CAPACITIES:
 Field Test (Provide copy of test report) **2500** p.s.f.
 Presumptive Bearing Capacity **2500** p.s.f.
 File, size, type, and capacity **2500** p.s.f.
SPECIAL INSPECTIONS REQUIRED: YES NO

IREDELL CO. PURCHASE ORDER 211139-00

WILLIAM T. NANCE, P.E., P.C.
 STRUCTURAL ENGINEER
 32 FT. X 40 FT. WOOD-FRAMED SHELTER
 IREDELL CO. AGRICULTURE CENTER
 444 BRISTOL DRIVE
 STATESVILLE, NORTH CAROLINA

SEAL
 15372
 APR 6 2021

Steel Address: 1998 Magna Road, Yadkinville, NC 27055
 Phone: 704-655-4444 FAX: 704-655-4444
 Website: www.wtn-engineers.com
 E-mail: wtn@wtn-engineers.com