

WOOD NOTES:

GENERAL:

- All framing lumber shall be No.2 Southern Pine unless noted otherwise.
- All plywood shall be structural APA rated panels, Exposure I, conforming to Product Standard PS-1.
- Standard cut washers shall be used under head and nuts against wood.
- The anchors for plates shall be placed 8" from the end of a plate and at intervals noted on the plans.
- Do not notch bottoms of wood members. Obtain architect/engineer approval for any holes in all wood members other than those required for structural assembly. Holes through sills, plates, studs, and double plates in interior bearing and shear walls shall not exceed 1/3 of the plate width and shall be bored holes placed in the center of the stud or plate. Notching is not permitted.
- Nailed connections shall conform to Table 2304.9.1 of the International Building Code.
- End distance, edge distance and spacing of nails shall be such to avoid splitting of the wood.
- Nailing not noted shall be at least two nails at all contact points.
- When headers are not shown, Table 2308.9.5 through 2308.9.6 of the International Building Code shall apply.

PLYWOOD ROOF DECK:

- OSB panels to be placed with long dimensions perpendicular to supports.
- Provide double 2x shaped blocking along main ridge lines, valleys and all hip ridges.
- Nailing schedule:
 - A. 8d @ 6" O.C. around roof perimeter at eave, gable ends, and at each side of main ridge lines and valleys.
 - B. 8d @ 6" O.C. at all other panel edges.
 - C. 8d @ 12" O.C. in panel field @ each rafter.

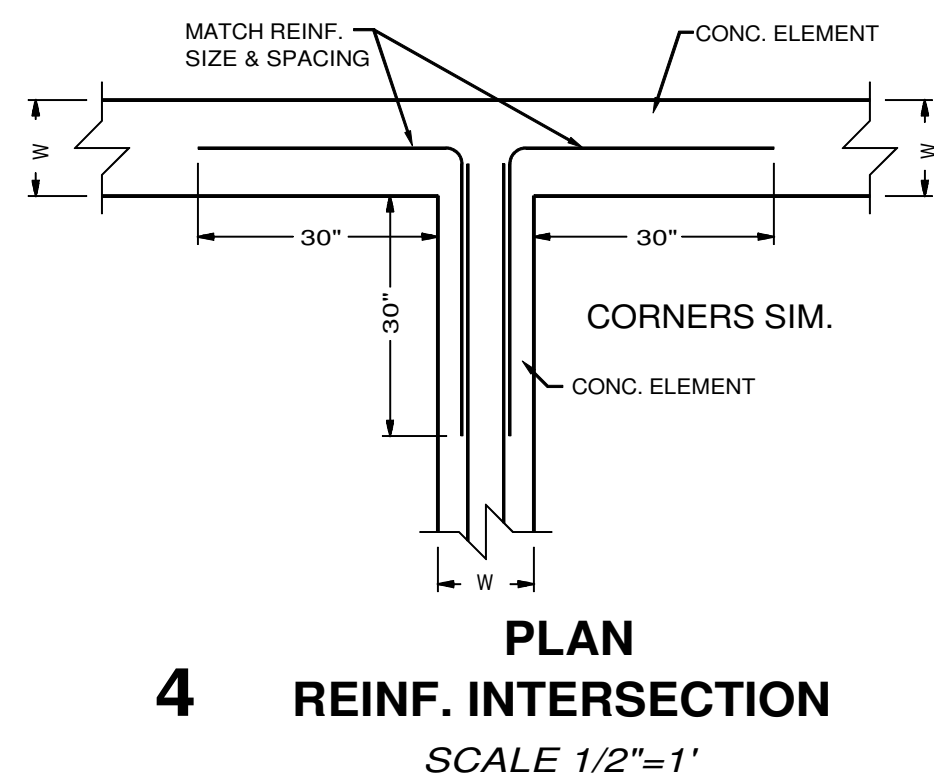
ROOF TRUSSES:

- Roof Trusses shall be designed to support the following loads:
 - Top Chord Live Load = 20 psf
 - Top Chord Dead Load = 15 psf
 - Bottom Chord Live Load = 20 psf
 - Bottom Chord Dead Load = 10 psf
- Roof Truss dimensions and spacing shall be per manufacturer's recommendations.
- Roof Truss manufacturer shall provide all bracing requirements for trusses, both temporary and permanent.
- Do not place concentrated loads atop the trusses until all specified bracing has been installed and the sheathing permanently nailed in place. Specifically avoid stacking bundles of plywood atop unshathed trusses. Lift plywood sheets individually onto roof only as required during sheathing.
- Specified mechanical equipment shall be placed in the attic only upon completion of the entire roof structural system.
- Truss manufacturer shall check system design of all members against the net uplift forces created by the basic wind speed as indicated on the structural drawings.

MASONRY NOTES:

GENERAL:

- All masonry work shall be in accordance with The Building Code Requirements for Masonry Structures (ACI 530, latest edition).
- Mortar shall conform to ASTM C 270, Type S. Type N mortar and masonry cement mortar are not allowed.
- The unit/mortar combination shall provide a minimum compressive strength (f_m) of 1,500 psi.
- Concrete masonry walls shall have control joints at the following locations:
 - a.) At all abrupt changes in wall height.
 - b.) At all changes in wall thickness.
 - c.) Centered over joints in foundations and floors.
 - d.) Centered below joints in roofs and floors that bear on CMU walls.
 - e.) At a distance not over one-half the required joint spacing from bonded wall intersections, corners, or changes in wall direction.
 - f.) At the end of lintels and sills on one side of wall openings six feet or less in width and at both sides of lintels and sills where wall openings are more than six feet wide, unless bond beams or equivalent joint reinforcement is placed at the top and bottom of the opening.



4 REINFORCING INTERSECTION
SCALE 1/2"=1'

CONCRETE NOTES:

GENERAL:

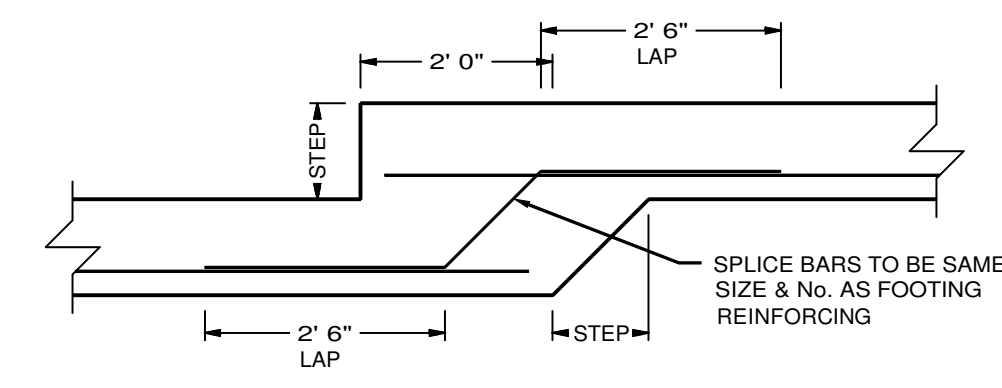
- All concrete shall have a minimum 28 day compressive strength, (f_c) of 3,000 psi for footings and 4,000 psi for slabs.
- All concrete work shall conform to the latest ACI specifications.
- Coarse aggregate for concrete shall not contain lignite, steel, or other materials that may be detrimental to the concrete.
- Fly ash in concrete mix shall not be permitted.
- Horizontal construction joints shall be permitted only where shown on the structural drawings. Horizontal or near horizontal joints shall be prepared by roughening the surface in an approved manner so that the aggregate is exposed uniformly, leaving no lantance, loosened particles, or damaged concrete.
- Contractor shall verify dimensions and locations of all openings, pipe sleeves, curbs, etc., as required by other trades before concrete is placed.
- Pipes or conduit placed in foundation and slabs shall not be placed closer than 3 diameters on center. Aluminum conduits shall not be placed in concrete.
- All footings shall bear on firm, undisturbed soil or an approved select fill material compacted to at least 95% of optimum density as determined by the Standard Compaction Test, ASTM D-698.
- The design bearing capacity, $q = 1,500$ psf.
- Location of slotted inserts, weld plates and all other items to be embedded in concrete shall be coordinated with architectural and mechanical drawings.

REINFORCEMENT:

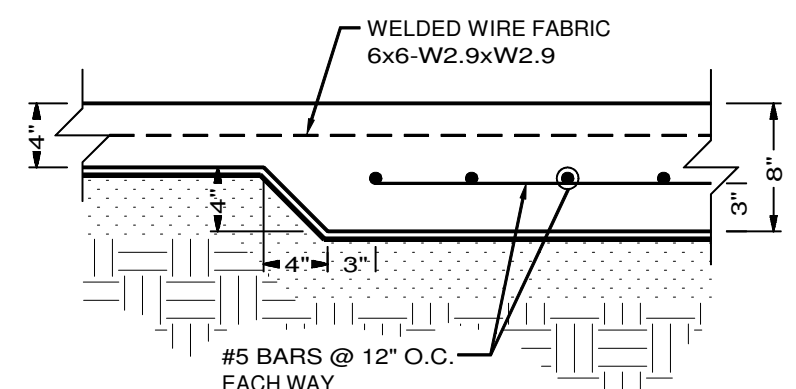
- All reinforcing steel shall conform to ASTM-615, Grade 60, $f_y = 60$ ksi.
- Minimum cover on all reinforcing steel shall be 3".
- All reinforcing bars splices shall be lap splices with a minimum overlap of 30".
- All reinforcing steel shall be fabricated and placed per the latest edition of the ACI Building Code (ACI-318).
- All reinforcement shall be securely held in place while placing concrete. If required, additional bars or stirrups shall be provided by the contractor to support all bars.
- Reinforcing bars shall not be welded, unless specifically noted on the drawing, as being welded, welded reinforcement shall conform to ASTM A-706.
- Provide corner bars in all walls and at wall intersections to match size and spacing of horizontal bars in those walls.

WELDED WIRE FABRIC:

- All welded wire fabric shall conform to the latest edition of ASTM-185, Specifications for Welded Wire Fabric for Concrete Reinforcement.
- All laps in welded wire fabric shall be one mesh plus 2 inches at splice.
- Welded wire fabric shall be provided in flat sheets. Roll wire shall not be permitted.



2 TYPICAL STEP FOOTING DETAIL
SCALE 1/2"=1'



5 FOOTING SECTION @ MECH. LIFT
SCALE 1"=1'

BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE

GRAVITY LOADS:

FLOOR: 100 psf
ROOF: 20 psf

DEAD LOADS:

MISC.: ACTUAL WEIGHTS OF MATERIALS
ROOF: 15 psf

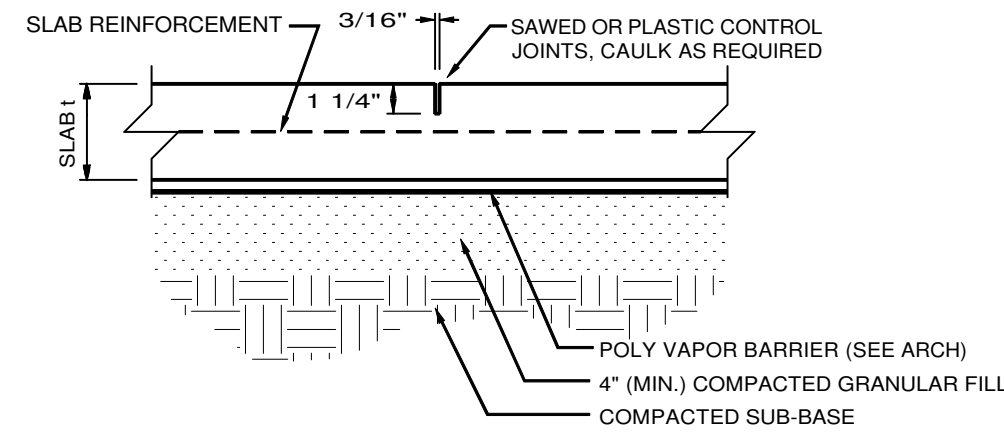
LATERAL LOADS:

WIND:
BASIC WIND SPEED: 115 mph
EXPOSURE CATEGORY: B

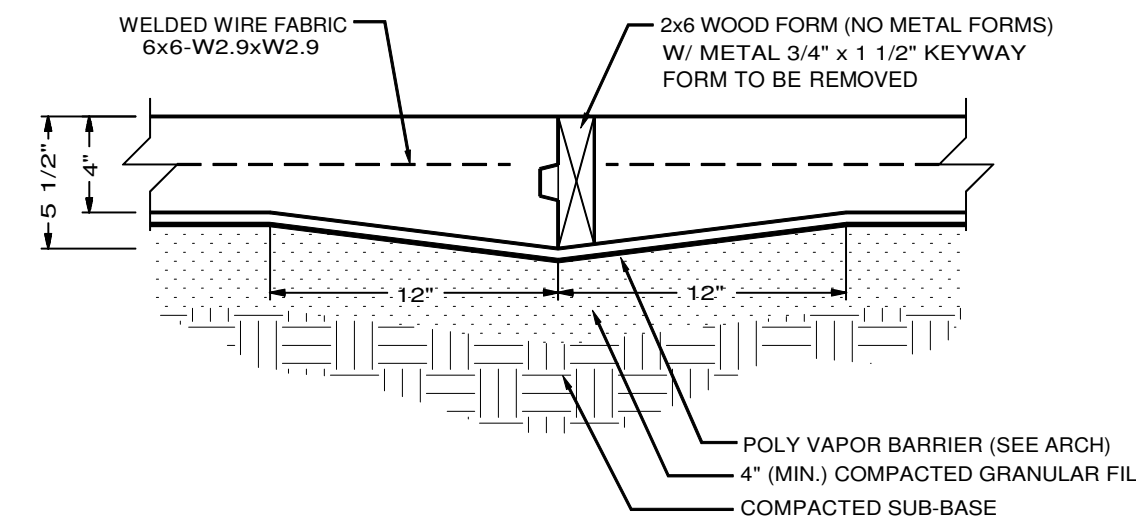
SEISMIC:

SEISMIC USE GROUP: Group 1
SEISMIC IMPORTANCE FACTOR: $I_e = 1.0$
SPECTRAL RESPONSE COEFFICIENTS: $S_{DS} = 0.993$
 $S_{D1} = 0.520$
SITE CLASS: D (ASSUMED)
SEISMIC DESIGN CATEGORY: D
BASIC SEISMIC FORCE RESISTING SYSTEM: SPECIAL REINFORCED MASONRY SHEAR WALLS
DESIGN BASE SHEAR: 0.181 w
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE (SIMPLIFIED)

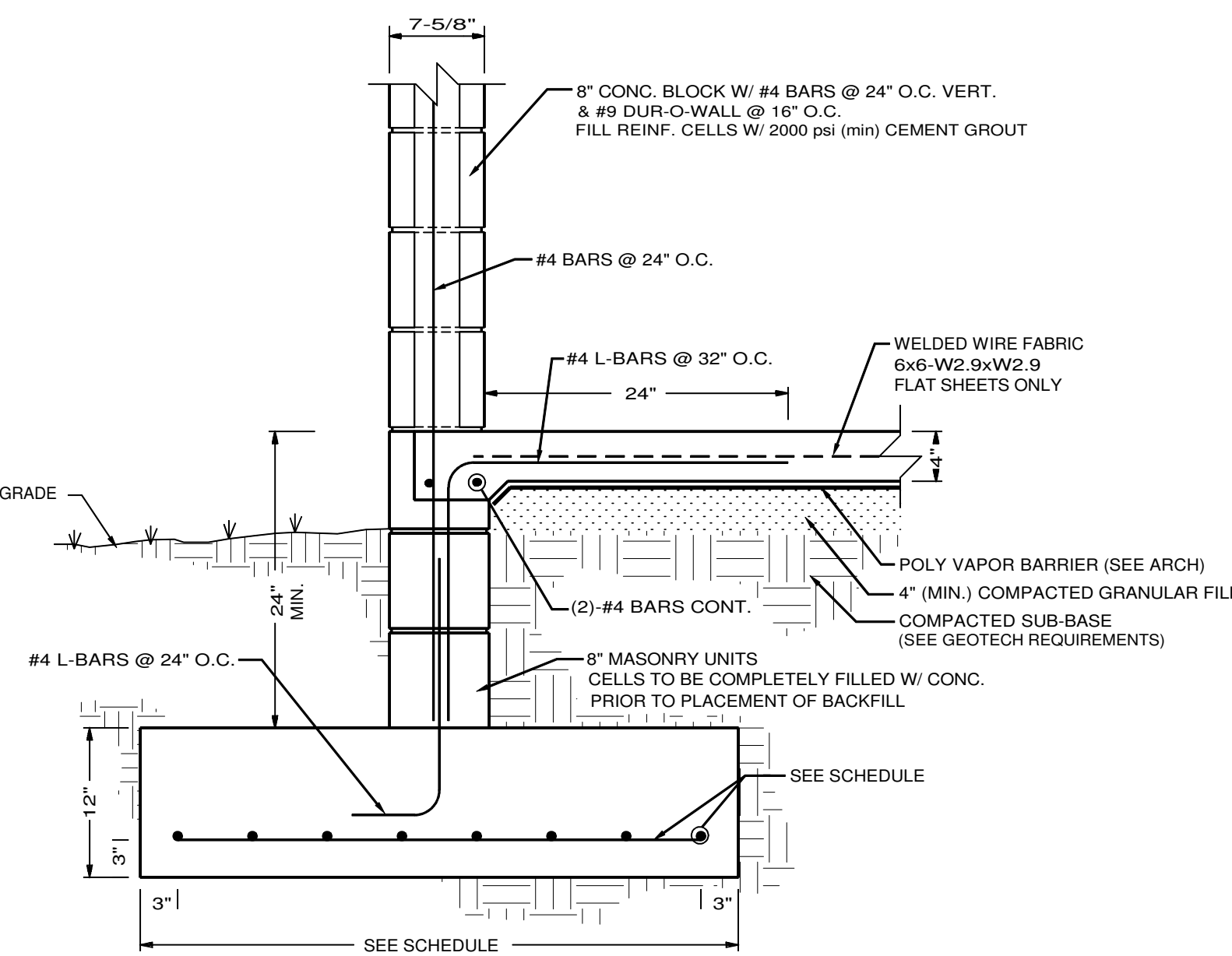
NOTE TO CONTRACTOR:
CONTRACTOR IS RESPONSIBLE FOR JOINTS CRACKING AS SHOWN ON PLAN AND DETAIL. SAWING JOINTS SHALL BEGIN AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY THE BLADE. SLABS MUST BE SAWN ON SAME DAY SLAB IS POURED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE SAWING.



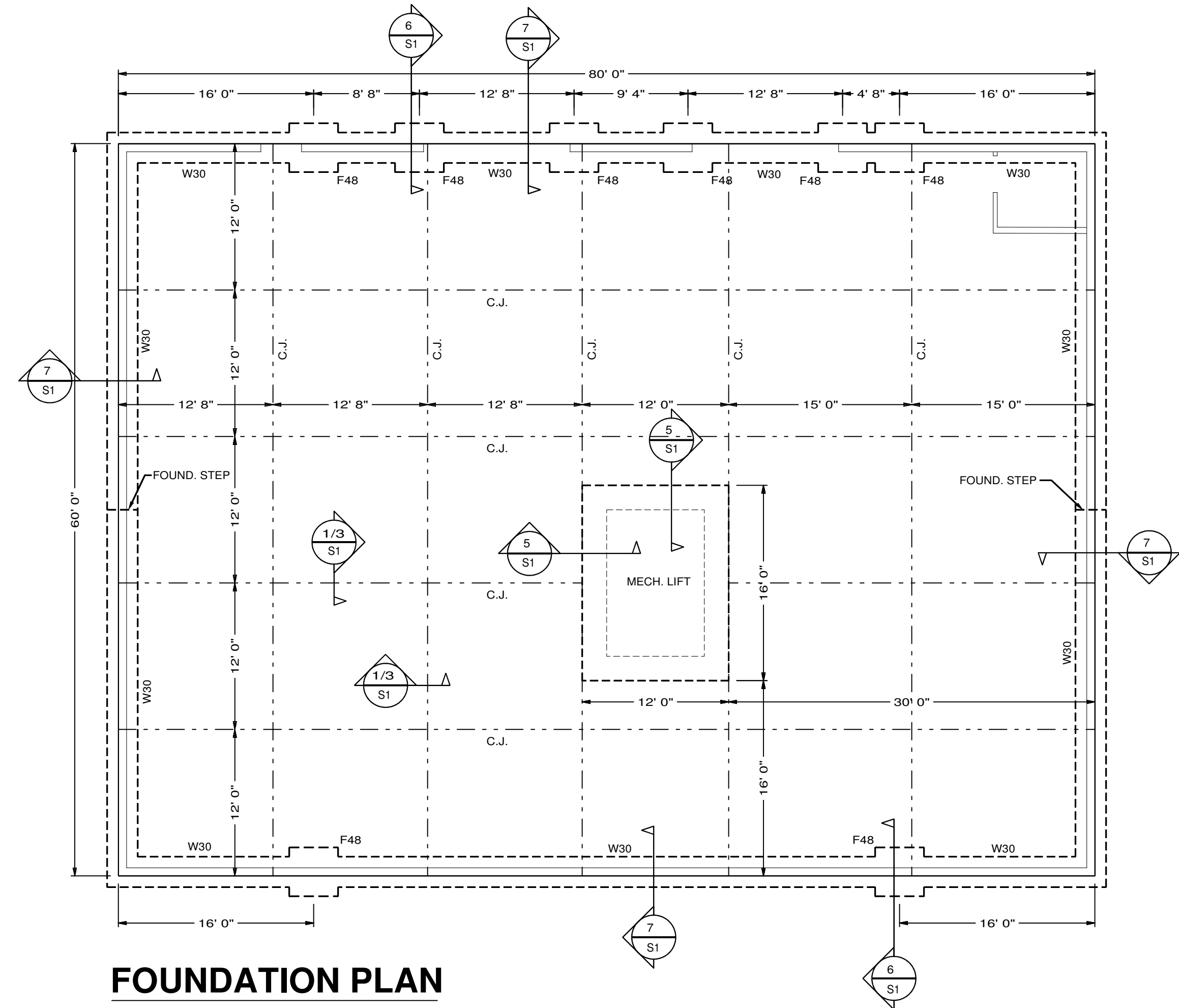
1 SLAB CONTROL JOINT DETAIL



3 SLAB CONSTRUCTION JOINT DETAIL



6 SPREAD FOOTING SECTION
SCALE 1"=1'

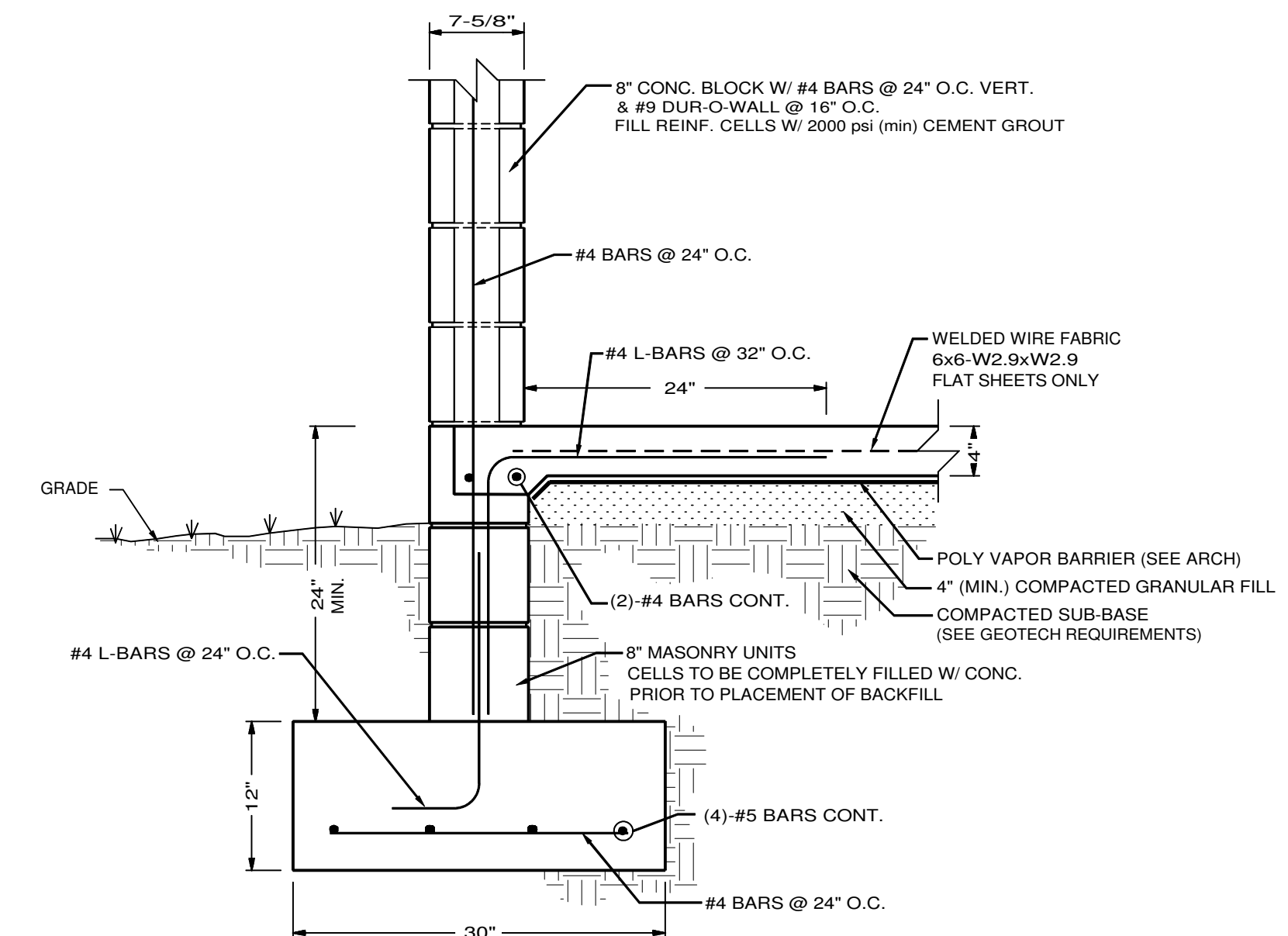


FOUNDATION PLAN

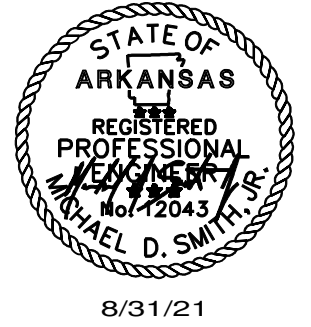
SCALE 1/8"=1'

SPREAD FOOTING SCHEDULE

FOOTING	DIMENSIONS	REINFORCEMENT DETAILS
F48	4'x4'x12"	(8) - #4 BARS @ 6" O.C. EACH WAY



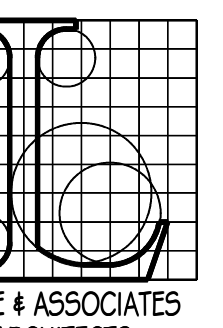
7 EXTERIOR STRIP FOOTING (W30)
SCALE 1"=1'



FOUNDATION PLAN & DETAILS

NEW SHOP FACILITY:
JONESBORO COUNTRY CLUB
1408 E. NETTLETON
JONESBORO, ARKANSAS 72401

COMM. NO.: 91421
DATE: 08/31/2021
FILE:
PLOT:



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