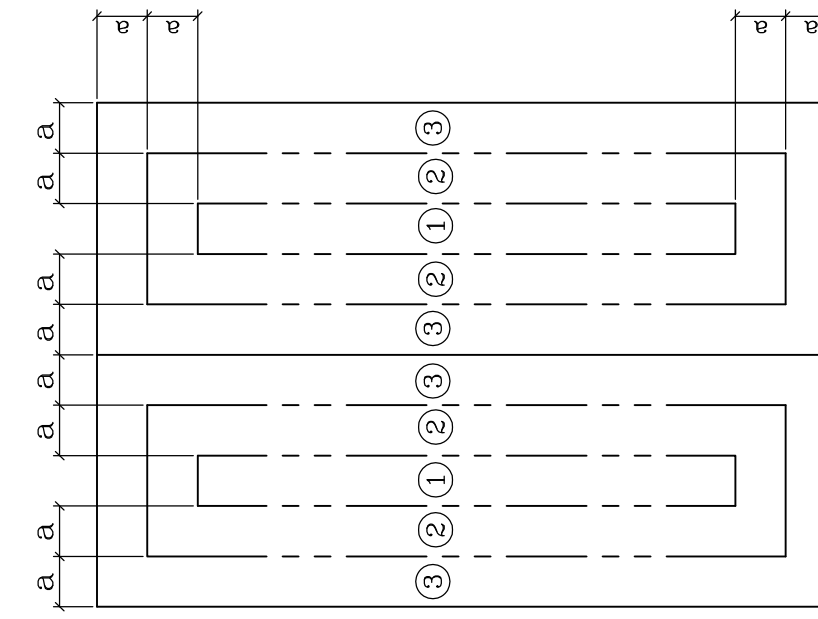


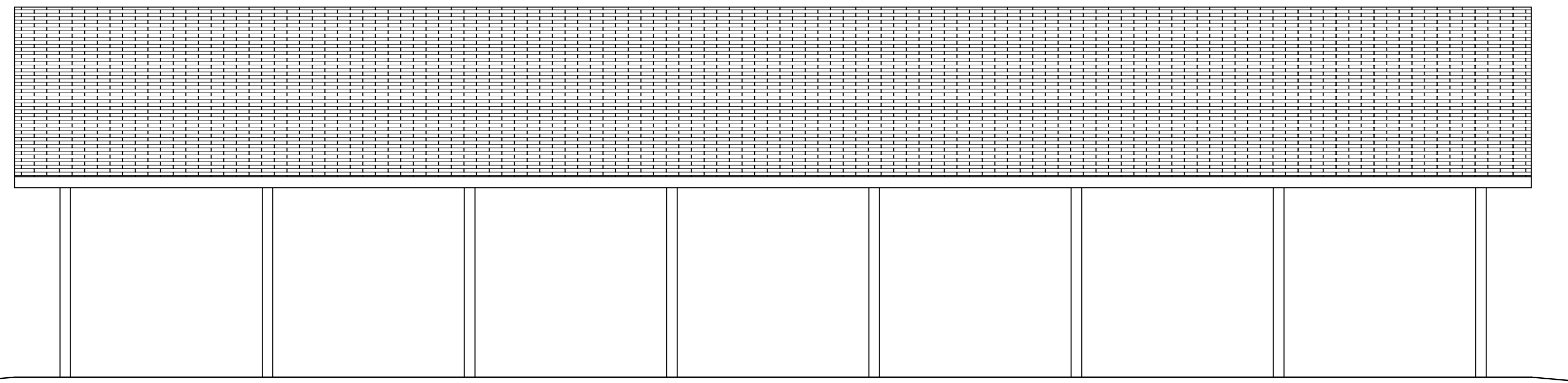
END ELEVATION



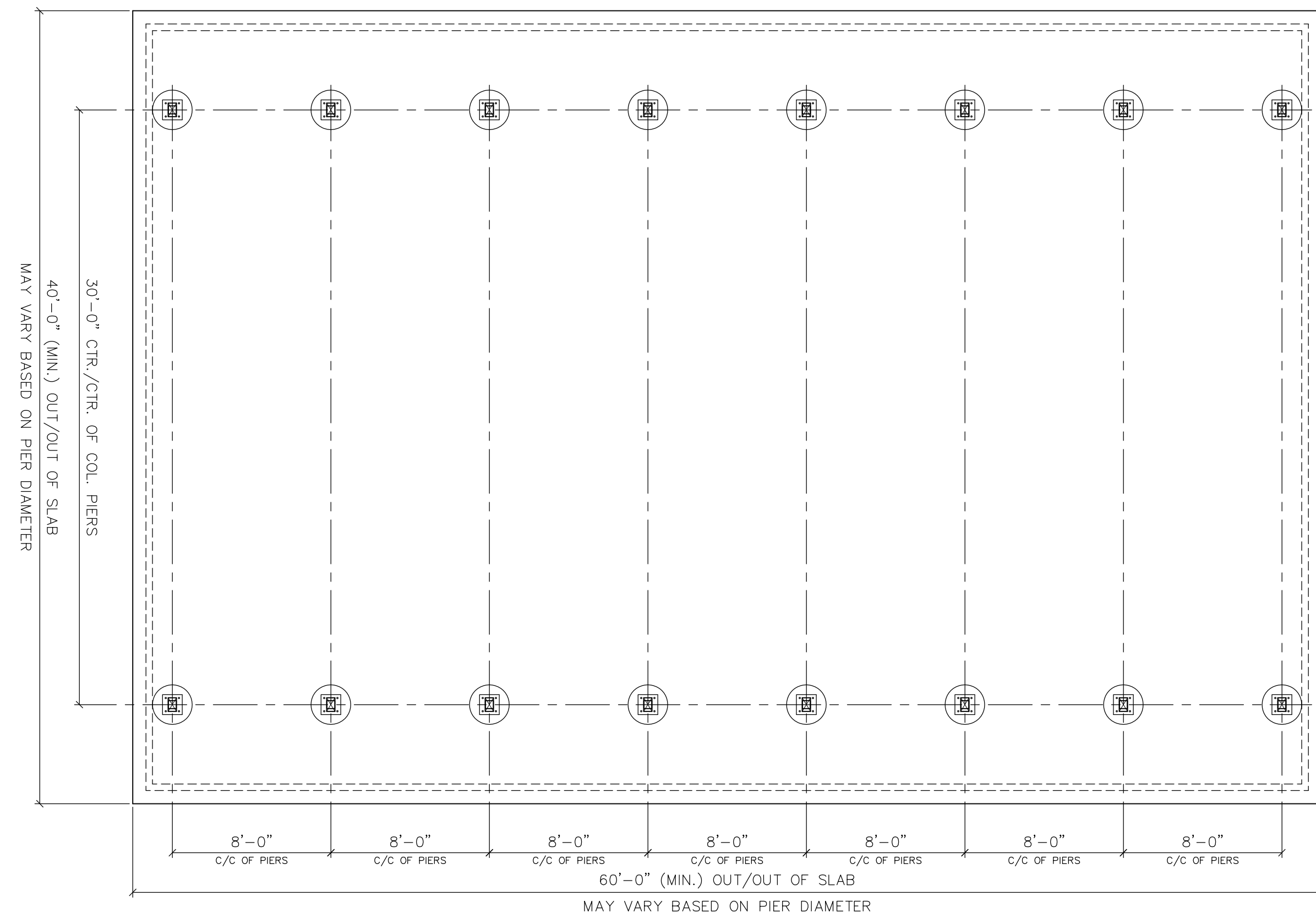
ROOF PLAN  
a = 4'-0"

DESIGN PRESSURES  
FOR COMPONENTS & CLADDING

| ZONE | PRESSURE | SUCTION |
|------|----------|---------|
| 1    | 15 PSF   | 13 PSF  |
| 2    | 23 PSF   | 21 PSF  |
| 3    | 29 PSF   | 27 PSF  |



SIDE ELEVATION  
NO SCALE



FOUNDATION PLAN

**DESIGN CRITERIA:**  
 2009 International Building Code w/ Amendments  
 Type of Construction: Type III-B  
 Building Use: Assembly A-3  
 Building Occupancy Category II  
 Building Height = 11'-6"  
 Building Volume = 27,600 cu. ft.  
 No. of Occupants = 160 (15 sq. ft. per person)

**ROOF DL**  
 Asphalt shng. & Felt 3.5 psf  
 2" Nom. Wd Deck 4.6  
 Misc. 2.9  
 Total = 11.0 psf + framing wt.

**FLOOR LL**  
 L = 100 psf

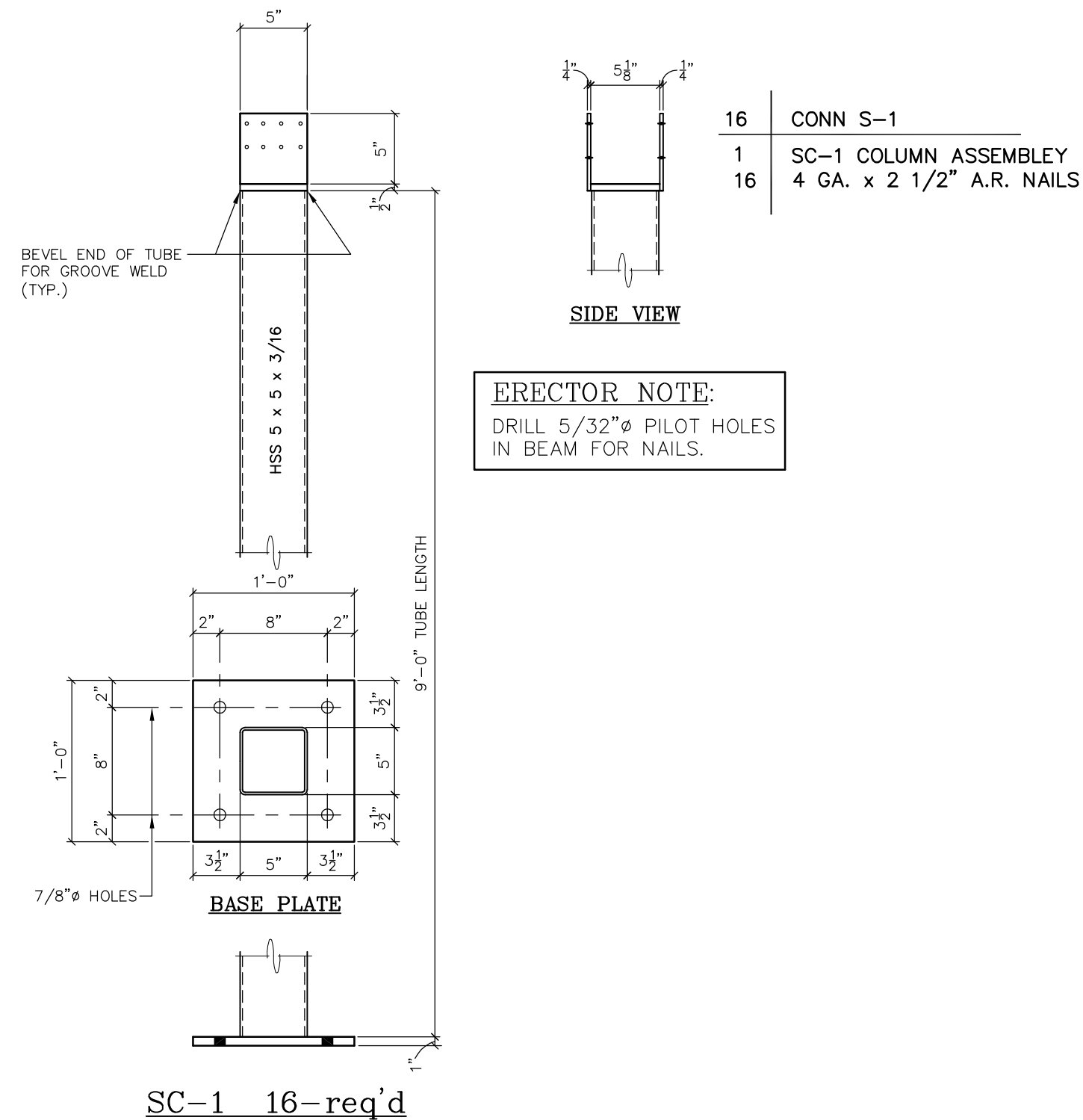
**ROOF LL**  
 L<sub>r</sub> = 20 psf w/ 4:12 pitch

**ROOF SL**  
 P<sub>o</sub> = 25 psf (Ground Snow)  
 P<sub>r</sub> = 0.7 P<sub>o</sub> C<sub>e</sub> C<sub>t</sub> I<sub>s</sub>  
 C<sub>e</sub> = 1.0, C<sub>t</sub> = 1.2, I<sub>s</sub> = 1.0  
 P<sub>r</sub> = 21 psf  
 P<sub>s</sub> = P<sub>r</sub> C<sub>s</sub>  
 4:12 pitch: C<sub>s</sub> = 1.0, P<sub>s</sub> = 21 psf

**WIND LOAD**  
 V<sub>3S</sub> = 90 mph, Exposure 'C', I<sub>w</sub> = 1.0, G<sub>Cpl</sub> = 0  
 Components and Cladding Wind Pressures: See Sheet 1

**EARTHQUAKE**  
 I<sub>e</sub> = 1.0  
 S<sub>s</sub> = 0.173, S<sub>1</sub> = 0.051  
 Site Class D (assumed)  
 S<sub>DS</sub> = 0.185, S<sub>D1</sub> = 0.082  
 Seismic Design Category B  
 Equivalent Lateral Force Procedure  
 Cantilevered Columns - Intermediate steel  
 R = 1.5 moment frames  
 C<sub>s</sub> = 0.123  
 Design Base Shear: V = 4,300#

**NOTE:**  
 CONCRETE SLAB, FOUNDATION, RE-BAR  
 AND ANCHOR BOLTS (N.I.C.)



**ERECTOR NOTE:**  
 DRILL 5/32" PILOT HOLES  
 IN BEAM FOR NAILS.

**CONTRACT NOTE:**  
 Reference accepted proposal and/or executed contract for identification of items furnished by RCP Shelters, Inc. Any item not specifically included shall be provided by owner, installer or others. Some items are specifically noted as N.I.C. (not in contract).

**LAMINATED WOOD SPECIFICATIONS:**  
 SPECIES ----- SOUTHERN PINE  
 LAMINATION THICKNESS ----- 2" NOMINAL  
 STRESS COMBINATION ----- SEE MEMBER DETAILS  
 ADHESIVE ----- RESORCINOL  
 APPEARANCE GRADE ----- ARCHITECTURAL  
 FINISH ----- STAIN & SEAL  
 PROTECTION ----- INDIVIDUAL WRAP  
 HARDWARE ----- PER DETAILS & LIST

**SOLID TIMBER SPECIFICATIONS**  
 2 x 6 Fascia ----- #1 SYP, S4S, KD, CCA 0.06 pcf, Stain.  
 2 x 8 Roof Deck ----- #1 SYP, T&G, S/L, CM, EVIS, KD, Stain.  
 Deck furnished in specified lengths (S/L), not precision end trimmed (PET), field cutting required.

**WOOD SHOP NOTES:**  
 1. Materials, Manufacture and Quality Control of glulam shall be in conformance with, "American National Standard for Wood Products-Structural Glued Laminated Timber ANSI/AITC A190.1-2002".  
 2. Members shall be marked (in an unseen location) with an AITC or APA/EWS Quality Mark and, in addition, an AITC or APA/EWS Certificate of Conformance shall be provided to indicate conformance with "ANSI/AITC A190.1-2002".  
 3. All holes in wood to be 13/16" unless noted otherwise.  
 4. All counterbores to be 2 1/4" unless noted otherwise.  
 5. ▲ denotes edges to be chamfered for welds.

**STEEL & HARDWARE SHOP NOTES:**  
 1. All steel plate to be ASTM A36.  
 2. Steel tubes to be ASTM A500 Grade B, Fy=46ksi.  
 3. All welding is to be done in accordance with latest AWS standards. If welds are not specified, all welds are to develop full strength of all component parts.  
 4. All bolts to be ASTM A307.  
 5. All holes in steel to be 13/16" unless noted otherwise.  
 6. All fabricated steel to be factory Powder Coat finished.  
 7. Hardware (bolts, nuts, washers, etc.) to be furnished black unless noted to be hot-dipped galvanized. Shop to verify hole tolerances and tolerances of threaded parts for compatibility of the galvanized parts only.  
 8. All shear plates are to meet manufacturing standards as specified in the 2001 edition of the National Design Specifications for Wood Construction.  
 9. Shear plates to be shop attached.

**CONCRETE NOTES:**  
 1. Remove all organic material and topsoil from slab area. Verify suitability of subgrade. Footings are to bear on undisturbed, natural soil or engineered fill. Both are to be compacted to 95% Proctor density.  
 2. Prepare slab with min. 8" compacted sand, gravel, or crushed rock.  
 3. Concrete slab to be 4" thick. Reinforce slab with 6x6-w1.4xw1.4 welded wire fabric at mid-depth. Lap splices 8". Alt.: Fiber mesh admixture (min. 1.5#/c.y., fibrillated polypropylene).  
 4. Edge of slab to be thickened to min. 8" deep x 8" wide reinforced with 2-#4 continuous rebars. Lap splices min. 24".  
 5. In locations subject to frost, install isolation joint, max. 1/8" wide, around column piers using diamond or circular layout. Wire mesh shall be interrupted at isolation joints.  
 6. Install crack control joints (3/16" wide x 1" deep) at 8' to 12' o.c.  
 7. Concrete slabs in open areas are to be sloped for drainage from center to edge and away from columns. Surface is to be lightly broomed or have a wood troweled finish.  
 8. Concrete slabs in enclosed areas are to have positive drainage to floor drains and have a troweled finish.  
 9. Concrete slab, foundation, re-bar, wire mesh, leveling nuts, grout & anchor bolts (if required) are N.I.C.  
 10. All concrete reinforcing steel to be grade 60, deformed bars.  
 11. F'c of concrete to be 3000 psi @ 28 days for foundation.  
 12. F'c of concrete to be 3500 psi @ 28 days for slab, air-entrained.  
 13. Assumed allowable soil bearing pressures: 2000 psf vertical bearing, 150 psf passive lateral bearing. It is the Owner's responsibility to verify that the allowable soil bearing values at the site meet or exceed these assumed values. If the actual values are lower than the assumed values, the foundations must be redesigned (N.I.C.).

**ERECTION NOTES:**  
 All steel and wood members must be properly braced until the complete structural system has been constructed. Correction of minor misfits and a reasonable amount of reaming or alignment with drift pins will be considered a legitimate expense of erection.

In the event of error, defect in materials, and/or workmanship of shop work which prevents proper assembling and fitting up of parts by the moderate use of reaming or alignment, immediately report to the seller and obtain seller's approval of the method of correction.

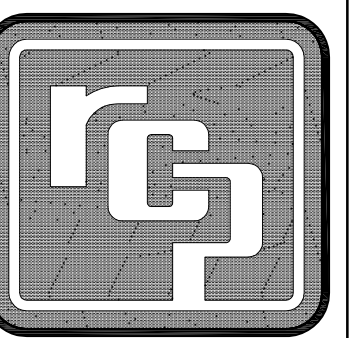
Bolts through slotted holes in steel are to be left finger tight only to allow for future movement. Other bolts are to be snug tight. Torque measurement is not required.

**NOTE:** This building has been designed as a free standing, open structure. If walls are to be added, or if the building is to adjoin another structure, or if other modifications are to be made, the structure must be re-engineered prior to these modifications (by others).

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LW-G4060-04  
 ROBERT E. LEE PARK  
 BALTIMORE, MD

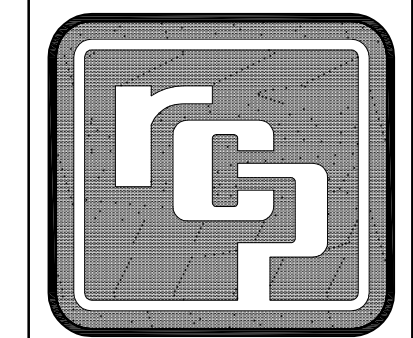
RCP SHELTERS, INC.  
 2100 SE RAYS WAY STUART, FL 34994  
 PO BOX 25 STUART, FL 34995-0025  
 SHELTERS ■ PAVILIONS ■ CONCESSIONS ■ KIOSKS ■ FABRIC SHADE  
 RESTROOMS ■ BANDSHELLS ■ MINI-SHELTERS ■ DUGOUTS ■ FABRIC SAIL  
 Phone 800-525-0207 Fax 772-288-0207  
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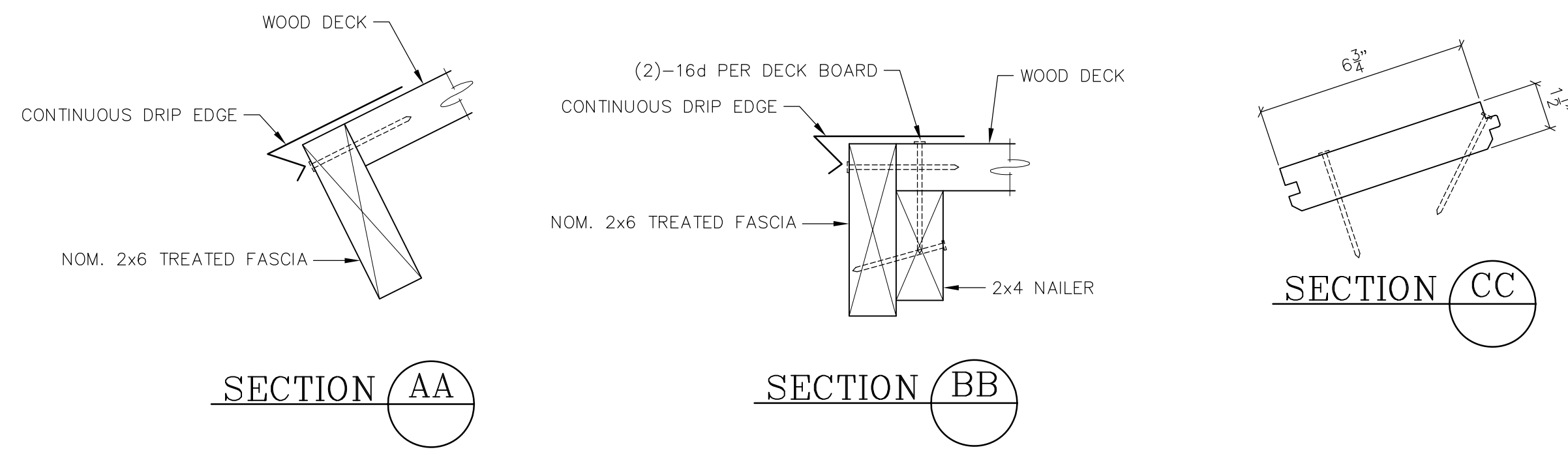
**DANIEL P. SEYMOUR, P.E.**  
 710 FRENCH STREET  
 PESHTIGO, WI 54157  
 Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 39612, Expiration Date: 11-03-2012.

**DESIGN CERTIFICATION FOR:**  
 BUILDING SIZE: 40' x 60'  
 BUILDING LOCATION: BALTIMORE, MD  
 THIS CERTIFICATION OF DRAWINGS IS FOR THE ONE BUILDING ONLY AT THE SITE LISTED ABOVE. IT IS VALID ONLY IF THE MATERIALS SHOWN ON THESE DRAWINGS ARE FURNISHED BY R.C.P. SHELTERS, INC. AND ONLY IF MATERIALS ARE PAID FOR IN FULL. IF MODIFICATION IS MADE WITHOUT EXPRESSED WRITTEN CONSENT OF RCP SHELTERS, INC., OR IF PAYMENT IS NOT MADE IN FULL, THEN CERTIFICATION BECOMES NULL AND VOID.

|              |             |
|--------------|-------------|
| PROJ. NO.:   | 12-022      |
| DRAWN:       | RAR 2-27-12 |
| CHK'D:       |             |
| REV 1:       | YES         |
| REV 2:       |             |
| REV 3:       |             |
| REV 4:       |             |
| CAD NO.:     |             |
| EEC JOB NO.: | 9110 R      |
| SHEET NO.:   | 1 of 2      |

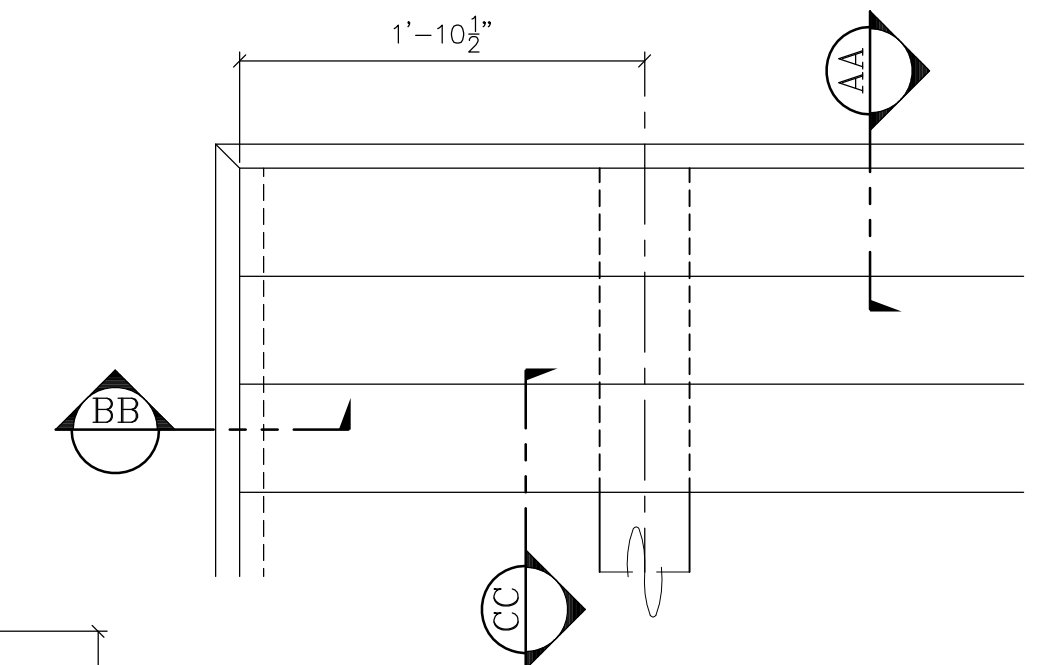


|              |             |
|--------------|-------------|
| PROJ. NO.:   | 12-022      |
| DRAWN:       | RAR 2-27-12 |
| CHK'D:       | YES         |
| REV 1:       |             |
| REV 2:       |             |
| REV 3:       |             |
| REV 4:       |             |
| CAD NO.:     |             |
| EEC JOB NO.: | 9110 R      |
| SHEET NO.:   |             |



**TYPICAL DECK LAY-UP**

1. START LAYING DECK AT EAVE W/ TONGUES UP.
2. DRIVE COURSES TIGHT W/ BLOCKING.
3. TOE NAIL & FACE NAIL AT EACH SUPPORT (BEAMS) USING 16d NAILS PROVIDED.
4. SNAP CHALK LINE AT BUILDING RAKE & CUT DECKING STRAIGHT AND SQUARE.
5. DECKING IS FURNISHED IN SPECIFIED LENGTHS, ALTERNATE COURSES 10'/16'/16'/18' AND 18'/16'/16'/10'



**DECK PLAN AT CORNERS**

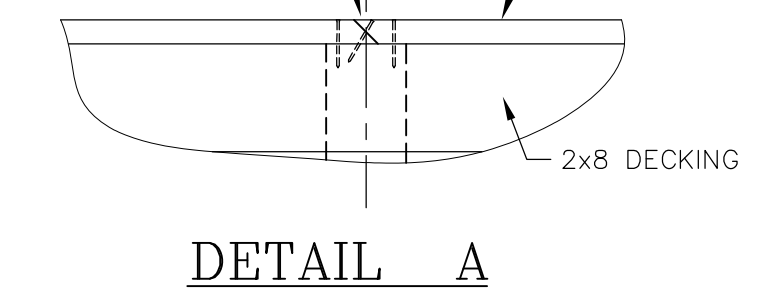
**FASCIA NOTES:**

1. ALL FASCIA CORNERS AND SPLICES ARE TO BE MITERED.
2. SEE DETAILS A & B FOR SPLICE DETAILS.
3. ATTACH FASCIA WITH 10d HDG CASING NAILS:
  - a. TO 2x4 NAILER - 24" O.C.
  - b. TO BEAM ENDS - 3 NAILS PER FASCIA
  - c. TO ENDS OF ROOF DECKING - 1 NAIL PER DECK BOARD
  - d. AT CORNERS - 2 NAILS EACH DIRECTION
  - e. OTHER LOCATIONS - 24" O.C. TO ROOF DECKING

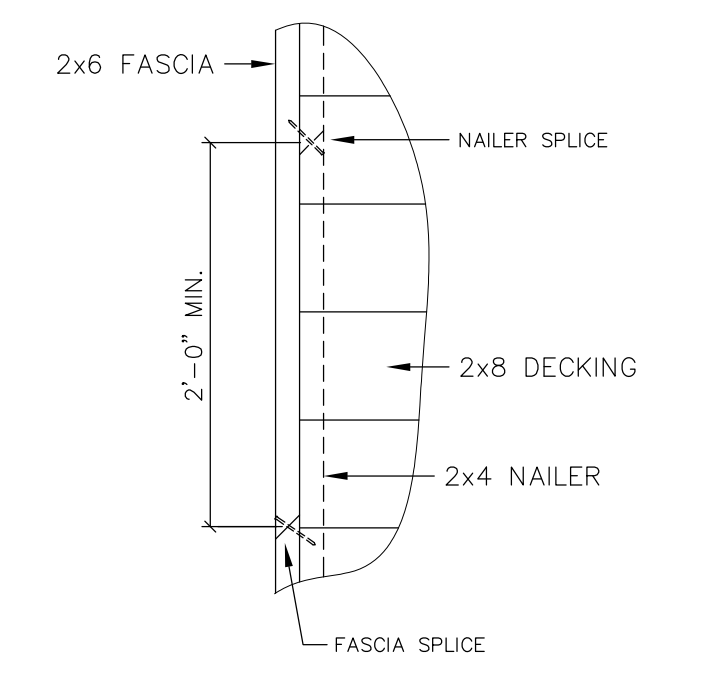
**2 x 4 NAILER**

- A. MITER ALL SPLICES
- B. NAIL SPLICES TOGETHER WITH (2) 10d HDG CASING NAILS, DRIVE NAILS AT AN ANGLE TO AVOID PUNCHING THRU FASCIA.

SPLICE FASCIA ONLY AT BEAM ENDS. PREDRILL IF NECESSARY TO AVOID SPLITTING.



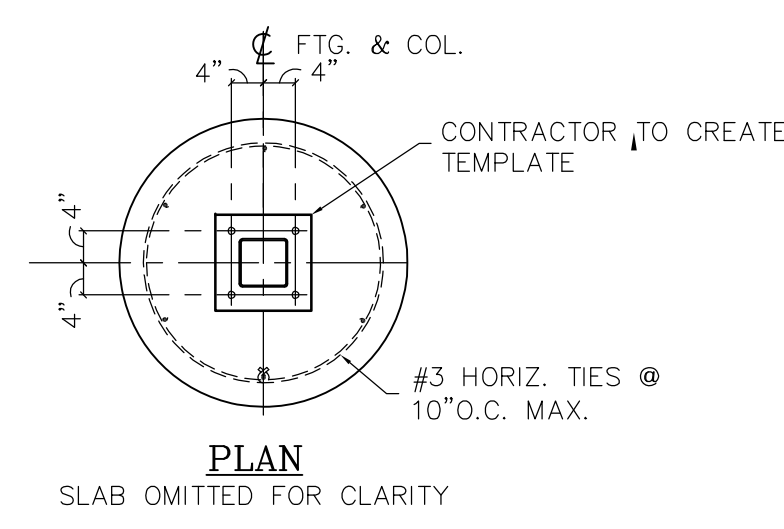
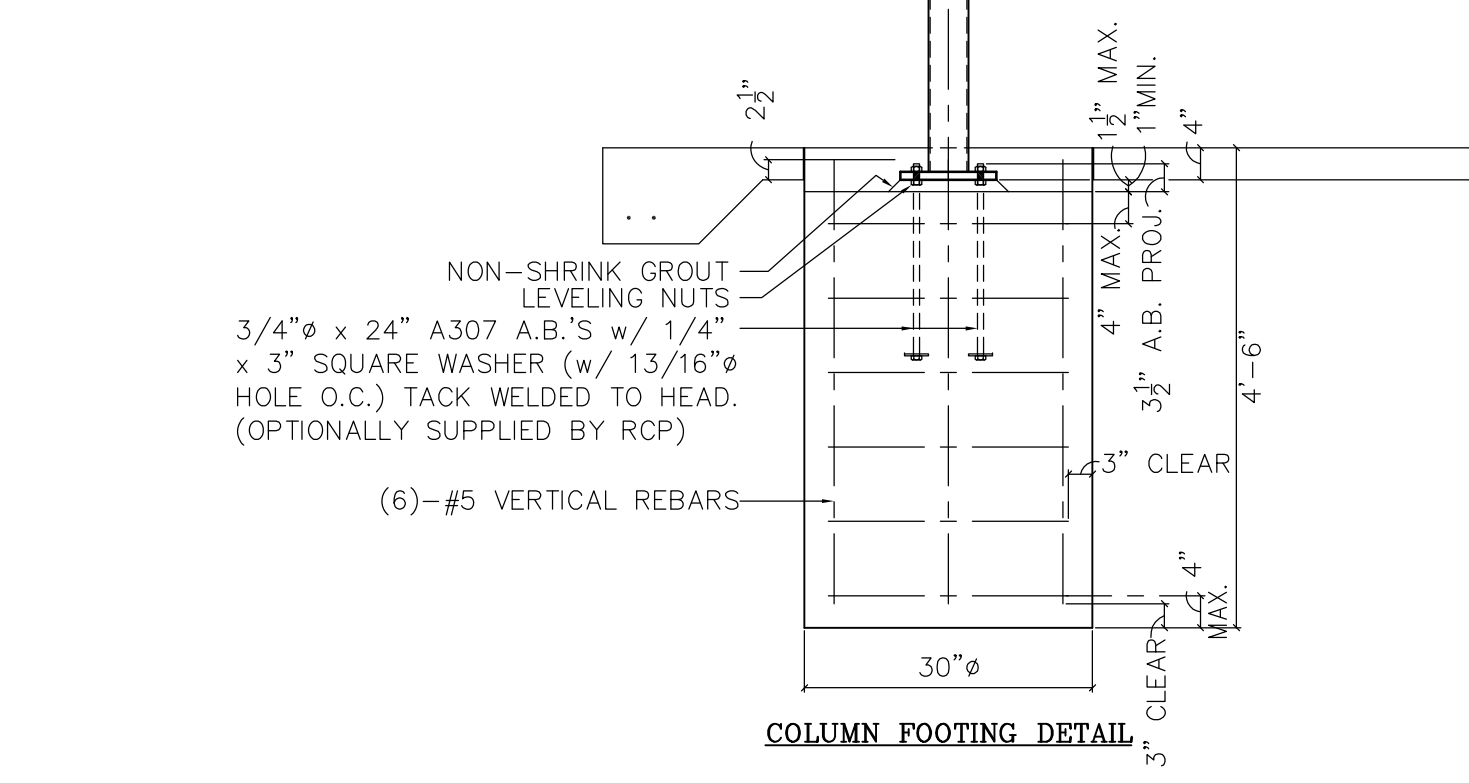
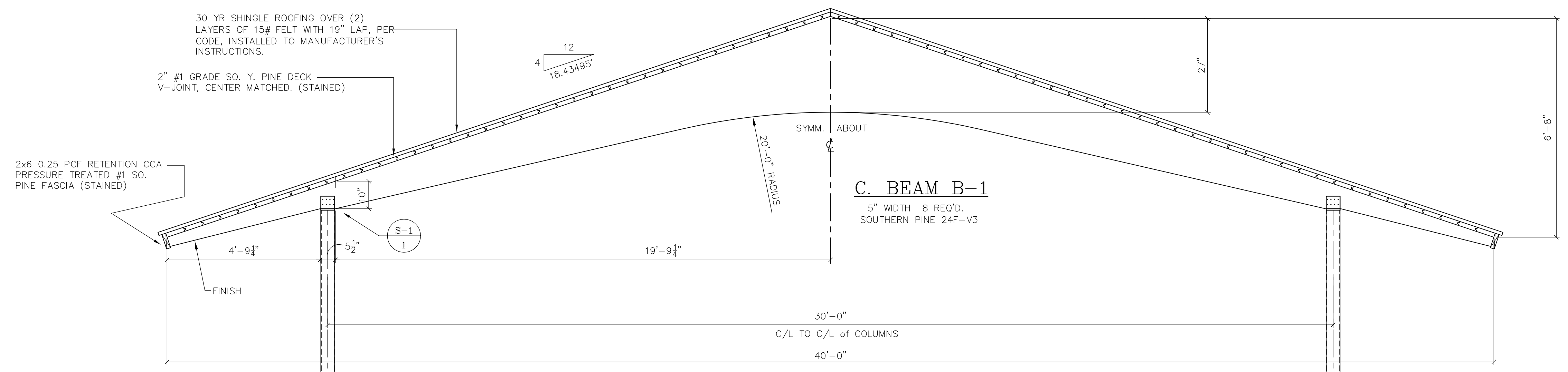
**DETAIL A**



**DETAIL B**

**FASCIA LAY-UP**

AT EAVE 12'/16'/16'/16'/12'  
 AT RAKE 10'/12'



**COLUMN BASE REACTIONS:**

|   |                                       |
|---|---------------------------------------|
| ↓ | $V_{DL+3/4(SL+W)} = 6,150\#$          |
| ↑ | $V_{0.6DL+W}$ UPLIFT = -550#          |
| → | $H_{DL+3/4(SL+W)} = 900\#$            |
| ⊙ | $M_{O.T. DL+3/4(SL+W)} = 7,800\#-ft.$ |

**UNLOADING, HANDLING, & STORAGE OF GLU-LAM & DECKING**

LAMINATED MEMBERS ARE WRAPPED FOR PROTECTION IN TRANSIT. THE ERECTOR IS RESPONSIBLE FOR PROTECTION OF MATERIALS AT ALL TIMES AFTER ARRIVAL AT DESTINATION. IF STORED TEMPORARILY, MEMBERS SHOULD BE PLACED ON BLOCKS & LEVELED, WELL OFF OF THE GROUND & SEPARATED WITH WOOD STRIPS SO THAT AIR CAN CIRCULATE AROUND EACH MEMBER. COVER THE TOP & SIDES WITH MOISTURE RESISTANT PAPER OR OPAQUE PLASTIC. USE NON-MARRING SLINGS WHEN HANDLING. ROOF COVERING SHOULD BE APPLIED SOON AFTER ERECTION. PROTECTIVE WRAPPING SHOULD REMAIN ON THE MEMBERS UNTIL DECK HAS BEEN INSTALLED & ROOFING APPLIED. HOWEVER, IF THE PAPER HAS BEEN TORN OR PARTIALLY REMOVED DURING STORAGE OR ERECTION, IT SHOULD BE REPLACED OR ENTIRELY REMOVED TO PREVENT DISCOLORATION OF LAM MEMBERS BY SUNLIGHT.

LAMINATED MEMBERS RECEIVE ONE FACTORY APPLIED COAT OF CLEAR WOOD SEALER. (FACTORY STAIN IS OPTIONAL AT EXTRA COST). IF THEY SHOULD BECOME WET DURING SHIPMENT OR INSTALLATION, OR IF THEY ARE CLEANED IN ANY WAY, THESE LAMINATED MEMBERS SHOULD BE UNIFORMLY RESEALED BEFORE ADDITIONAL STAINING OR FINISHING IS DONE IN THE FIELD.

DECKING WILL BE DELIVERED IN BANDED BUNDLES, WEIGHING APPROXIMATELY ONE TON. BUNDLES SHOULD REMAIN BANDED UNTIL DECK IS TO BE INSTALLED. A FORKLIFT OR SMALL CRANE WILL BE REQUIRED FOR UNLOADING. BE SURE TO USE NON-MARRING SLINGS.

IT IS THE ERECTORS RESPONSIBILITY TO TALLY THE DECKING UPON ARRIVAL. NOTIFY MANUFACTURER AT ONCE OF ANY SHORTAGES.