

- ROOF FRAMING NOTES:**
- 1- FOR GENERAL NOTES AND MATERIAL SPECIFICATIONS SEE SHEET S-1, S-2 AND S-3
  - 2- INTERIOR WOOD STUD PARTITIONS SHALL BE FRAMED WITH 2x STUDS WITH @ 16" ON CENTER.
  - 3- FOR ALL DIMENSIONS SEE ARCHITECTURAL PLANS.
  - 4- SEE LEGEND FOR SHEAR WALL DESIGNATIONS. ALSO SEE SHEAR WALL SCHEDULE FOR THE UNDERSIDE OF THE ROOF FRAMING AND IN THE AIR SPACE (IF APPLICABLE).
  - 5- PROVIDE "CHIST" VERTICAL STRAP AT BOTH ENDS OF EACH SHEAR PANEL.
  - 6- AT FLAT ROOF AREAS PROVIDE 2x RAPPING FOR DRAINAGE. (IF APPLICABLE)
  - 7- PROVIDE 2x RAPPING FOR DRAINAGE AT EITHER SIDE OF SKYLIGHTS AND MSC. OPERABLE ROOF AND CEILING MEMBERS AT EITHER SIDE OF SKYLIGHTS AND MSC.
  - 8- ALL BEAMS AND DOUBLE JOISTS ARE SUPPORTED BY DOUBLE STUDS U.N.O.
  - 9- MANSARD SHEATHING TO BE SAME AS ROOF SHEATHING.
  - 10- CALIFORNIA SHEATHING TO BE SAME AS ROOF SHEATHING.
  - 11- COORDINATE ALL MISC. DIMENSIONS, OPENING SIZES, EQUIPMENT LOCATIONS, ETC. WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND REFRIGERATION PLANS.

**ROOF AND FLOOR SHEATHING SPECIFICATIONS AND MAILING REQUIREMENTS**

LOCATION	THICKNESS	JAPA TRACELARK	GRADE	SPAN RATING	EXPOSURE CLASSIFICATION
FLOORS	19/32"	APA	CDX	40/20	EXPOSURE 1
ROOF	19/32"	APA	CDX	40/20	EXPOSURE 1

**PLYWOOD DIMENSIONAL MAILING SCHEDULE**

LOCATION	MAILS	BOUNDARY MAILING	EDGE MAILING	FIELD MAILING	BLOCKED
FLOORS	84 COMMON	6"	6"	12"	"TSCG" CUTS
ROOF	84 COMMON	6"	6"	12"	"TSCG" CUTS

NOTE: OSB MEETING THE ABOVE CRITERIA MAY BE USED IN LIEU OF PLYWOOD

UNLESS SHOWN OTHERWISE, ALL EXTERIOR WALLS TO BE COVERED WITH 15/32" PLYWOOD WITH 84 MAILS @ 6"12"

- FOR ROOF SHEATHING UNLOADING:**
- 1- ALL SHEAR WALLS HAVE BEEN FRAMED PER PLANS (BY FRAMING AS NEEDED, FRAMING ANCHORS, WALING, ETC.)
  - 2- ALL HOLD-DOWNS/STRAPS HAVE BEEN INSTALLED.
  - 3- ELECTRICAL, PLUMBING, MECHANICAL, ETC. ROUGH INSPECTIONS ARE COMPLETE AND SIGNED OFF.

**WALL FRAMING SUMMARY:**  
ALL EXTERIOR WALLS ARE 2x6 @ 16" O.C. U.N.O.  
ALL INTERIOR WALLS ARE 2x6 @ 16" O.C.

**NOTE:**  
ROOF DIMENSIONAL MAILING TO BE INSPECTED BY BUILDING INSPECTOR BEFORE COVERING.

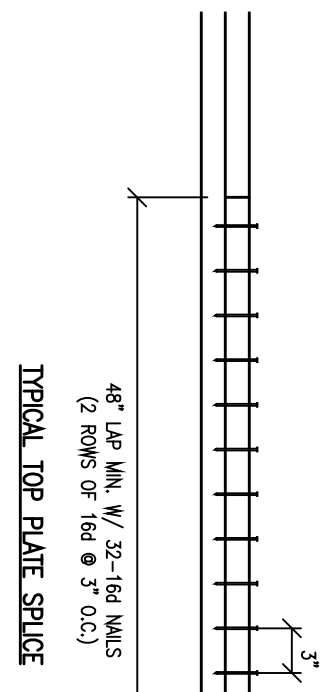
**NOTE:**  
TRUSS MANUFACTURER TO PROVIDE WET SIGNED PLANS, CALCULATIONS AND SHOP DRAWINGS FOR APPROVAL BY ENGINEER PRIOR TO FABRICATION AND INSTALLATION.

**GENERAL CONTRACTOR TO CONTACT THE STRUCTURAL ENGINEER FOR A PRE CONSTRUCTION MEETING PRIOR TO START OF THE JOB.**

**ROOF LOADING CRITERIA**  
DEAD LOAD: 15 PSF  
LIVE LOAD: 20 PSF  
WIND LOAD: PER U.N.O. LB @ CENTER OF JOIST PLUS ADDITIONAL LOADS AS CALLED OUT. ALL JOIST TO BE MANUFACTURED BY LEVEL/WATERHAUSER. (NO EXCEPTIONS)

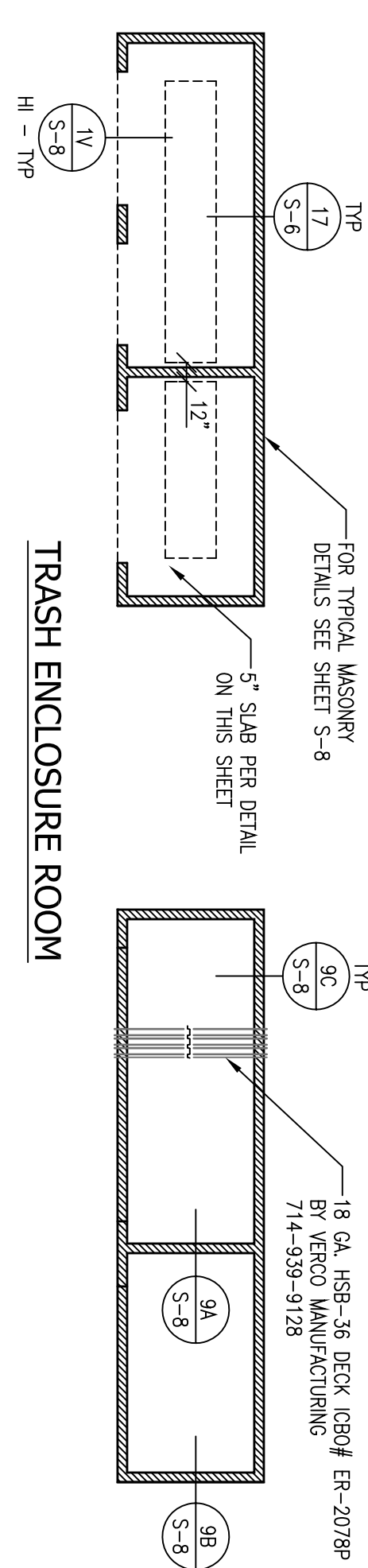
FOR ALL DIMENSIONS SEE THE ARCHITECTURAL PLANS  
CONTACT PERSON AT 312.619.4100  
MR. KEITH GRAVES 312.619.4100  
EMAIL: KEITH.GRAVES@CENREHAUSER.COM

- LEGEND**
- 2x STUD WALL (SEE ARCHIT)
  - 2x STUD SHEAR WALL (SEE ARCHIT)
  - SIMPSON STRONG-WALL SHEAR WALL
  - MASONRY WALL SOLID GROUTED
  - WOOD POST OR MULTI STUD
  - STEEL COLUMN
  - SHEAR WALL LENGTH
  - SHEAR WALL NUMBER
  - POST AT END OF SHEAR WALL
  - HARDWARE AT END OF SHEAR WALL (SEE BOTTOM)
  - FLOOR JOIST / ROOF RAFTER
  - WOOD / STEEL BEAM
  - CEILING JOIST
  - SIMPSON STRAP
  - PSL 2x6 PARALLEL PSL BY TRUSS JOIST INC.



**COLUMN AND FOOTING SCHEDULE**

MARK NO.	SIZE	REINFC	COLUMNS	DETAIL	REMARKS AND/OR BASE PLATE
1	4'-0" SQ. x 12" THK.	4-#5 EA. WAY	5' STD PIPE	(S-8)	12x6x1/2"
2	4'-6" SQ. x 12" THK.	5-#5 EA. WAY	5' STD PIPE	(S-9)	12x24x1/2"
3	4'-0" x 2'-6" x 12" THK.	#2@12" EA. WAY	5' STD PIPE	(S-10)	12x6x1/2"

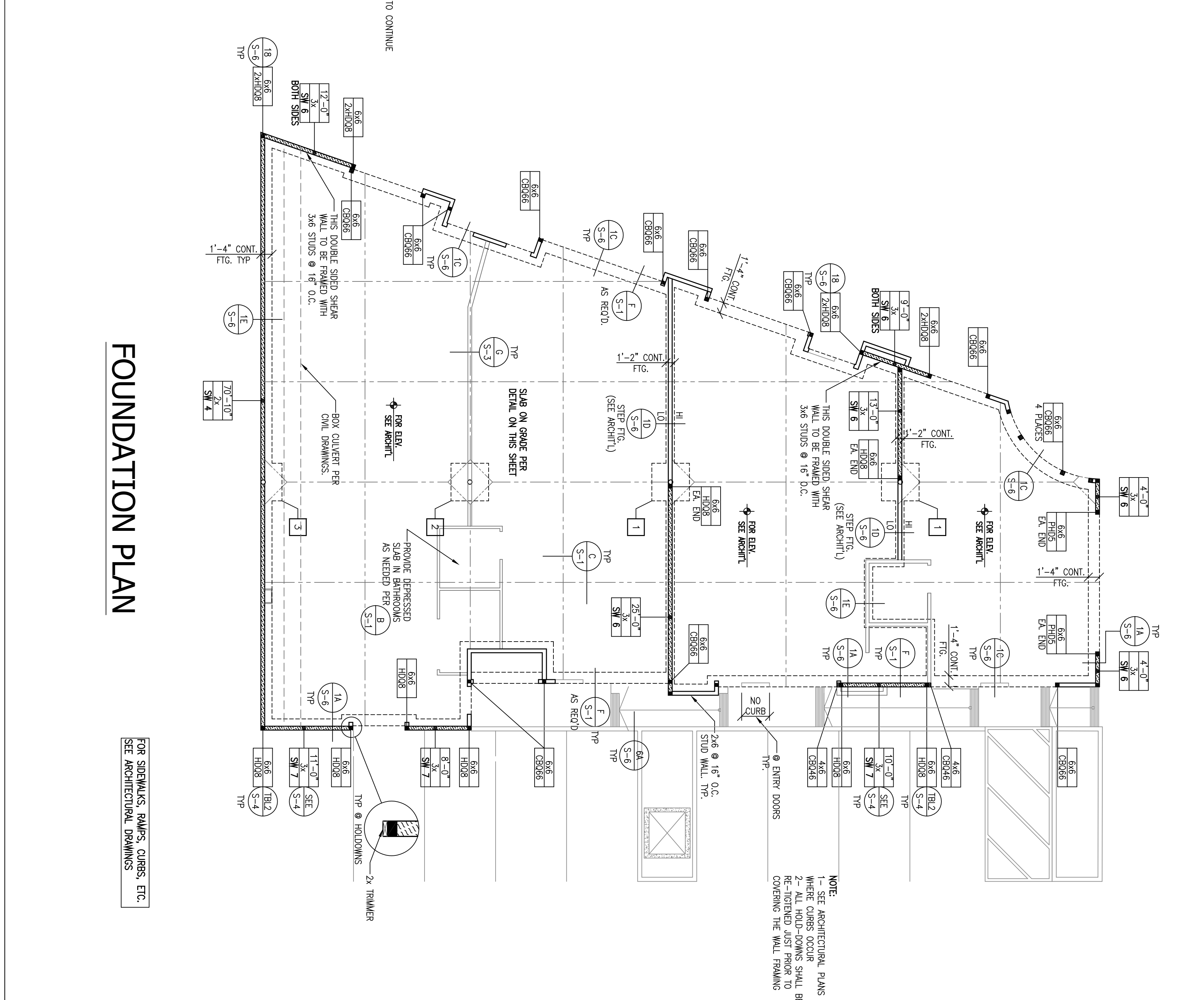
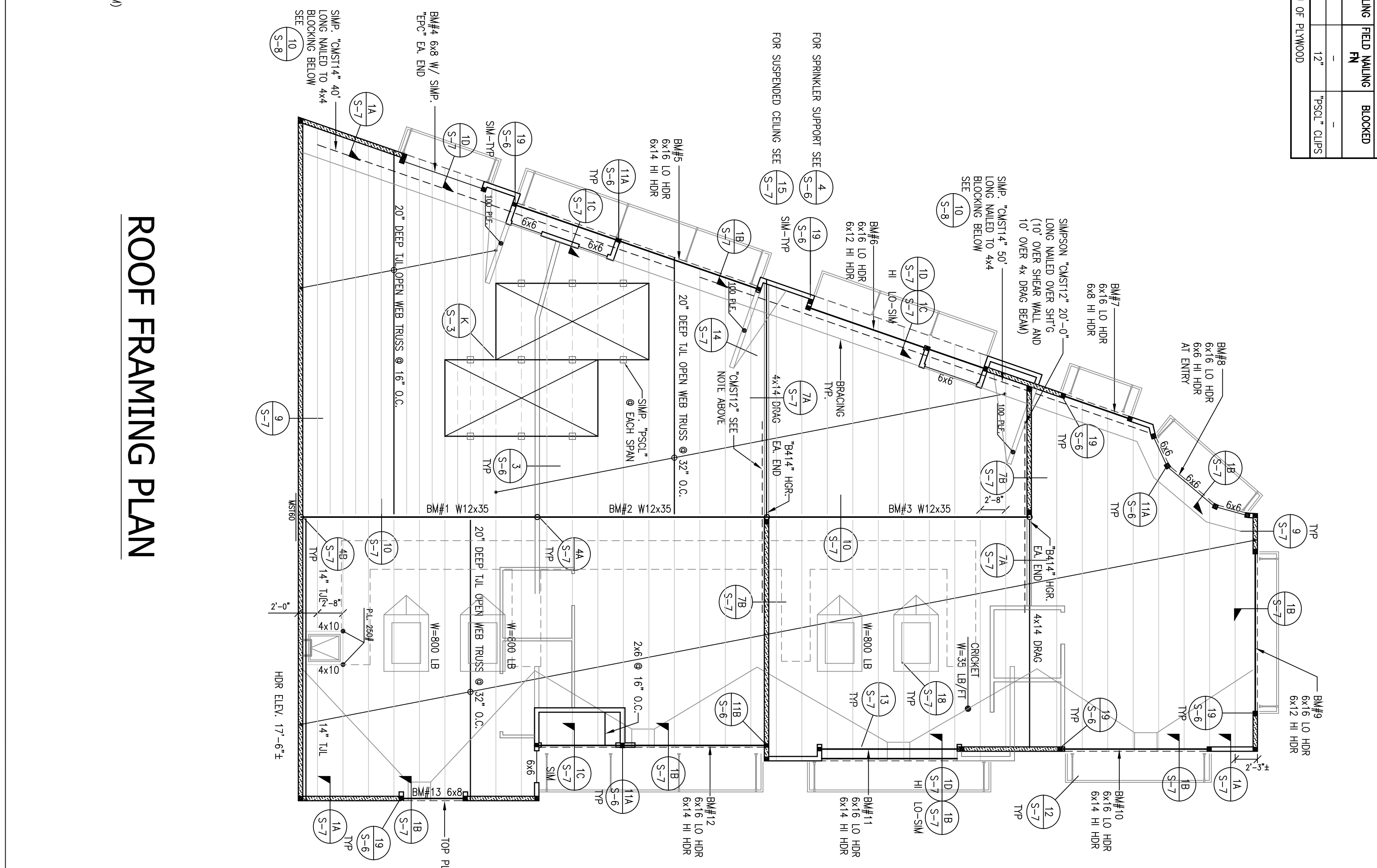


**SLAB ON GRADE DETAIL**

5" THICK CONCRETE SLAB ON GRADE (F=2500 psi)  
W/#4 BARS @ 18" O.C. EA. WAY OVER 2" OF CLEAN, COMPACT-GRADED SAND OVER TO WALL VERTICAL SURFACING.

NOTE:  
1- SLAB SUBGRADE BELOW SHEATHING SHOULD BE CLEAN OR AIR SHARP GRAVEL, ROCK PARTICLES OR DEBRIS.  
2- PROVIDE CONTROL JOINTS AT 12'-0" MAX. EACH DIRECTION. SAW CUTTING OF THE SLAB SHALL BE WITHIN 4 TO 8 HOURS OF POURING.

- FOUNDATION NOTES:**
- 1- SEE STRUCTURAL GENERAL NOTES AND DETAILS ON SHEETS S-1, S-2 AND S-3 AND S-4.
  - 2- FOR ALL DIMENSIONS AND CONDITIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
  - 3- ALL MASONRY WALLS (IF ANY) ARE DESIGNED HALF STRESS AND FULLY GROUTED.
  - 4- FOR FLOOR DEPRESSIONS, CURBS, UNDER FLOOR DUCTS, CONDENS. FLOOR DRAINS, REFRIGERANTS, EXHAUST ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND REFERENCED ALL UTILTY PENETRATIONS INTO THE BUILDING WITH DEPTH OF FOOTINGS.
  - 5- COORDINATE ALL UTILTY PENETRATIONS INTO THE BUILDING WITH DEPTH OF FOOTINGS.
  - 6- LOWER FOOTINGS AS REQUIRED.
  - 7- THE CONTRACTOR TO OBTAIN NECESSARY PERMITS FOR BENCHES OR EXCAVATIONS.
  - 8- OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND. THE PERMIT FEE FOR THIS SHALL BE VERIFIED WITH FLOOR DRAIN, STORM DRAIN, PLUMBING APFS, FLOOR DEPRESSION, TRUNKSSES, PITS, ETC.
  - 9- ALL COLUMN LOCATION DIMENSIONS ARE TO THE CENTER OF THE COLUMN.
  - 10- GENERAL CONTRACTOR STEEL DETAILER, ETC. SHOULD VERIFY WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND REFRIGERATION DRAWINGS, ALL ITEMS OR DETAILS NOT SHOWN SHALL BE VERIFIED WITH FLOOR DRAIN, STORM DRAIN, PLUMBING APFS, STRUCTURAL PLANS FOR THAT CONDITION. DETAILS IF APPLICABLE, SHOWN ESPECIALLY IN 11- FOR DEPRESSION SLAB SEE ARCHITECTURAL PLANS AND DETAIL B ON SHEET S-1
  - 12- VERIFY DEPTH OF ALL NEW FOOTINGS WITH ARCHIT. AND CIVIL DRAWINGS.



**ROOF FRAMING PLAN**

**FOUNDATION PLAN**

FOR SIGNMARKS, PUMPS, CURBS, ETC. SEE ARCHITECTURAL DRAWINGS.