

REVISIONS	BY

**PROJECT:**  
**WALLACE/JONES**  
**RESIDENCE**  
**4254 SUZANNE DR.,**  
**PALO ALTO, CA**

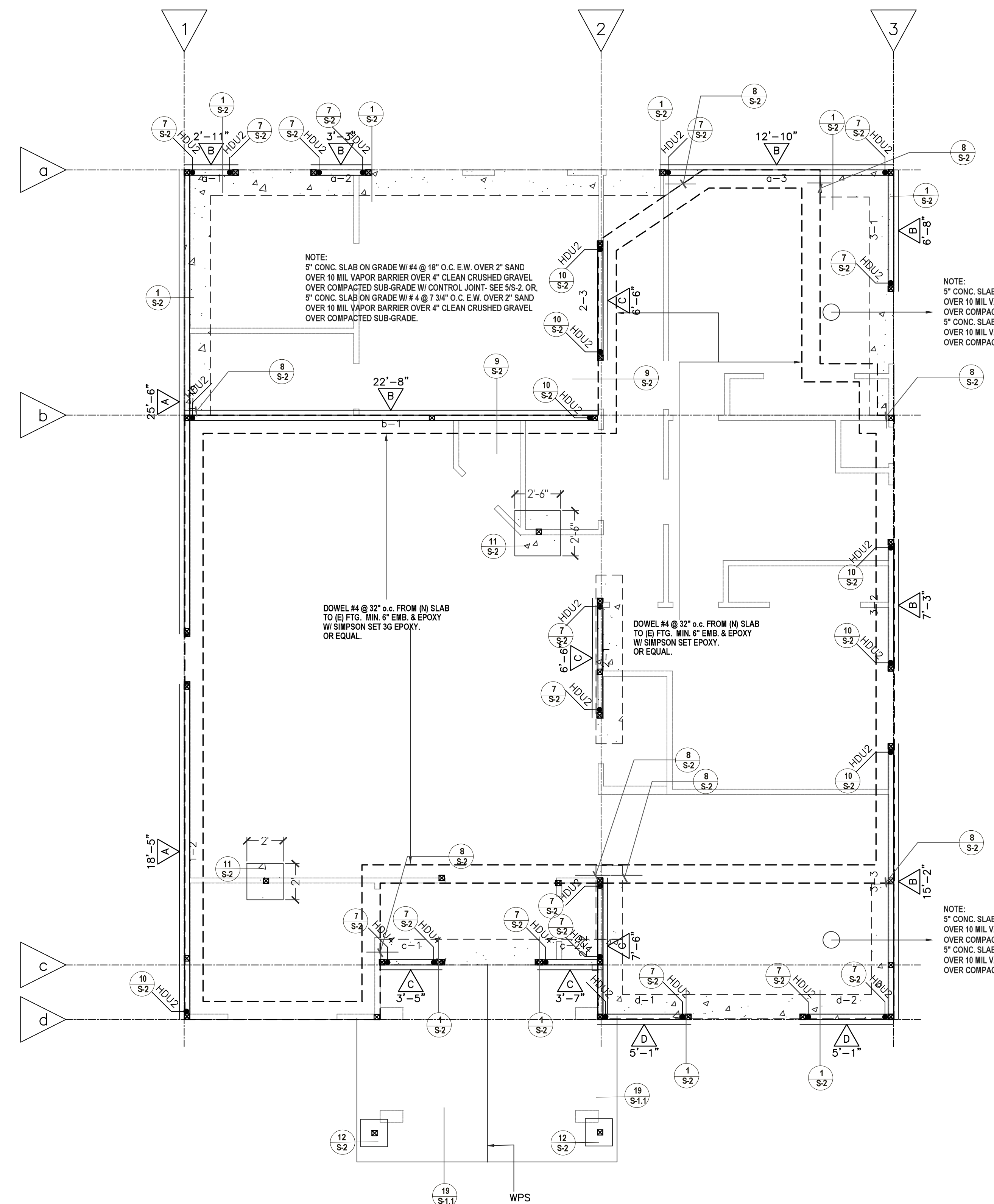
**SHEET TITLE:**  
**STRUCTURAL**  
**FOUNDATION PLAN**



**DATE:** 12-12-2023  
**SCALE:** N.T.S.  
**DRAWN BY:** M.KASIR  
**JOB NO:** 2022-6-66  
**SHEET:**

**S-4**

**ROOF SHEATHING**  
 - SHALL BE 15/32" APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 32/16.  
 8d @ 6" o.c. Plywood edges  
 8d @ 12" o.c. Intermediate supports (rafters)



NOTE: All fasteners in contact with preservative treated wood to be of hot-dipped zinc coated galvanized steel, stainless steel, silicon bronze or copper per the 2019 CBC Section 2304.10.5.1.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFICATIONS OF ALL DIMENSIONS WITH ARCHITECTURAL PLANS AT THE JOBSITE.

NOTE: ALL FIRST FLOOR POSTS TO BE DF #1.

NOTE: WOOD IN DIRECT CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED, HOT DIPPED GALVANIZED CONNECTORS AND FASTENERS SHALL BE USED IN ALL PRESSURE TREATED WOOD CONNECTIONS.

**GENERAL CONSTRUCTION**

- UNLESS SUPPORTED LATERALLY BY ADEQUATE FRAMING, THE MAXIMUM ALLOWABLE HEIGHT SHALL BE 14'-0" FOR 2 X 4 @ 16" STUD WALL AND 20'-0" FOR A 2 X 6 @ 16" STUD WALL (U.N.O.).
- PROVIDE FIRE BLOCKING AT FLOORS, CEILING, COVES AND MID-HEIGHT OF WALLS OVER 10'-0" IN HEIGHT.
- ALL BUILDINGS SHALL BE GRADED SO AS TO PROVIDE 5% POSITIVE DRAINAGE AWAY FROM THE HOUSE.
- JOISTS SHALL BE SUPPORTED LATERALLY BY SOLID BLOCKING OR END HANGERS AT EACH END AND AT EACH SUPPORT. SOLID BLOCKING SHALL NOT BE LESS THAN 2" THICK (NOMINAL) AND THE FULL DEPTH OF THE JOISTS.
- THE ENDS OF JOISTS, BEAMS, AND GIRDERS SHALL HAVE AT LEAST 1 1/2" OF BEARING ON WOOD OR METAL AND 3" OF BEARING ON CONCRETE OF MASONRY, (U.N.O.).
- WHEN BOLTS ARE IN USE A WASHER NOT LESS THAN A STANDARD CUT WASHER OR A METAL PLATE OR STRAP IN LIEU THEREOF, SHALL BE BETWEEN THE WOOD AND THE BOLT HEAD AND BETWEEN THE WOOD AND THE NUT.

**FOUNDATION NOTES**

- ALL ANCHOR BOLTS NOT SHOWN ARE TO BE 5/8" DIA. x 12" A307 ANCHOR BOLT AT 4'-0" o.c. W/ 3" x 3" x 0.229" WASHER PLATE. SEE PLAN FOR SPECIAL ANCHOR BOLT REFERENCE AT SHEAR WALLS.
- ALL HOLDINGS SHOWN ON THIS PLAN TO BE CONNECTED FROM POST IN WALL TO FOOTING BELOW (UNO) AND TO BE INSTALLED PER SIMPSON CO. SPECIFICATIONS.
- ALL INTERIOR FOOTING LOCATIONS NOT DIMENSIONED SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED FOOTINGS AND/OR THE PERIMETER FOUNDATION.
- STITCH NAIL ALL DOUBLE OR TRIPLE MEMBERS W/ 16d @ 4" o.c., STAGGERED (TR).
- SEE DETAIL (S1.3) FOR TYP. REINFORCEMENT SPICES AND BENDS.
- SEE DETAIL (S1.1) FOR TYP. CORNER REINFORCEMENT DETAIL.
- SEE DETAIL (S1.3) FOR TYP. TRENCH DETAIL.
- SEE SHEET S1 FOR STRUCTURAL SPECIFICATIONS AND GENERAL NOTES.
- INTERIOR SLABS: 4" CONCRETE SLAB-ON-GRADE W/ #4 @ 16" o.c. @ MID-DEPTH OF SLAB OVER 2" SAND OVER VAPOR BARRIER OVER 4" CRUSHED ROCK OVER PRESOAKED EARTH FLOOR SLABS: 4" CONCRETE SLAB-ON-GRADE W/ #4 @ 16" o.c. @ MID-DEPTH OF SLAB OVER 4" CRUSHED ROCK OVER PRESOAKED EARTH

**LEGEND:**

- ST6236 U.N.O.
- BLK'G
- HARDY FRAME PANEL - SEE HFX SHEETS
- NEW FTG AS PER DETAIL SEE 1/S-2
- 2X4 FRAME WALLS
- SHEARWALL SEE SHEAR WALL SCHEDULE SHEET S-1
- SHEARWALL LENGTH

**S FOUNDATION PLAN**  
**SCALE: 1/4" = 1'-0"**

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