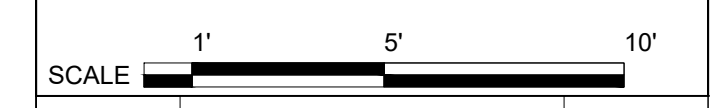


Keynotes

- 1 HOLDOWN LSTHD8 AT ALL CORNERS. FIELD LOCATE (TYP.)
- 2 SIMPSON UB66HDG POST BASE
- 3 MASONRY LEDGE
- 4 CONCRETE CURB
- 5 DOOR BLOCK-OUT
- 6 FTG OUTLINE BELOW (TYP.)
- 7 RAISED FIREPLACE HEARTH BASE
- 8 3" DIA. FLOOR DRAIN
- 9 -
- 10 -

General Notes

- 1 FOUNDATION DESIGN IS BASED ON TYPE 5 SOIL IN ACCORDANCE WITH THE 2016 CALIFORNIA BUILDING CODE.
- 2 FOUNDATION TYPE IS CONVENTIONAL MONOLITHIC SLAB FOOTING WITH ALLOWABLE BEARING PRESSURE OF 1500PSF AND LATERAL RESISTANCE OF 100PCF.
- 3 STRUCTURAL CONCRETE SHALL ATTAIN 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 3000PSI WITH A MAXIMUM WATER-TO-CEMENT RATIO OF 0.55.
- 4 ALL CONCRETE SHALL BE READY-MIX AND CONFORM TO ASTM-C94.
- 5 CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II
- 6 WATER SHALL BE CLEAN AND FREE OF OILS, ACIDS, ALKALI SALTS OR ORGANIC MATERIALS
- 7 CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33
- 8 REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 40 FOR #3 MEMBERS
- 9 CONCRETE CAST AGAINST EARTH SHALL MAINTAIN 3" CONCRETE COVER
- 10 ALL FOUNDATION PLATES OR SILLS ON CONCRETE SLABS WHICH ARE IN DIRECT CONTACT WITH EARTH SHALL BE PRESSURE TREATED.
- 11 6" MIN. CLEARANCE SHALL BE MAINTAINED AT ALL EXTERIOR WALLS BETWEEN FINISH GRADE AND BOTTOM OF WOOD WALLS.
- 12 SILL PLATE ANCHOR BOLTS SHALL BE INSTALLED WITH WASHERS BETWEEN NUT AND PLATE



No.	Revision/Issue	Date

Firm Name and Address
DES 21 Architects
 5100 Sierra College
 Rocklin, CA

Term and Course Name
 Sierra College
 Architectural Drawing II
 DES21 | BI11

Sheet Name FOUNDATION PLAN	Sheet Number S101
Date (Term) SPRING 2025	
Scale 1/4" = 1'-0"	
Student WILLIAMS, FRANCISCO	