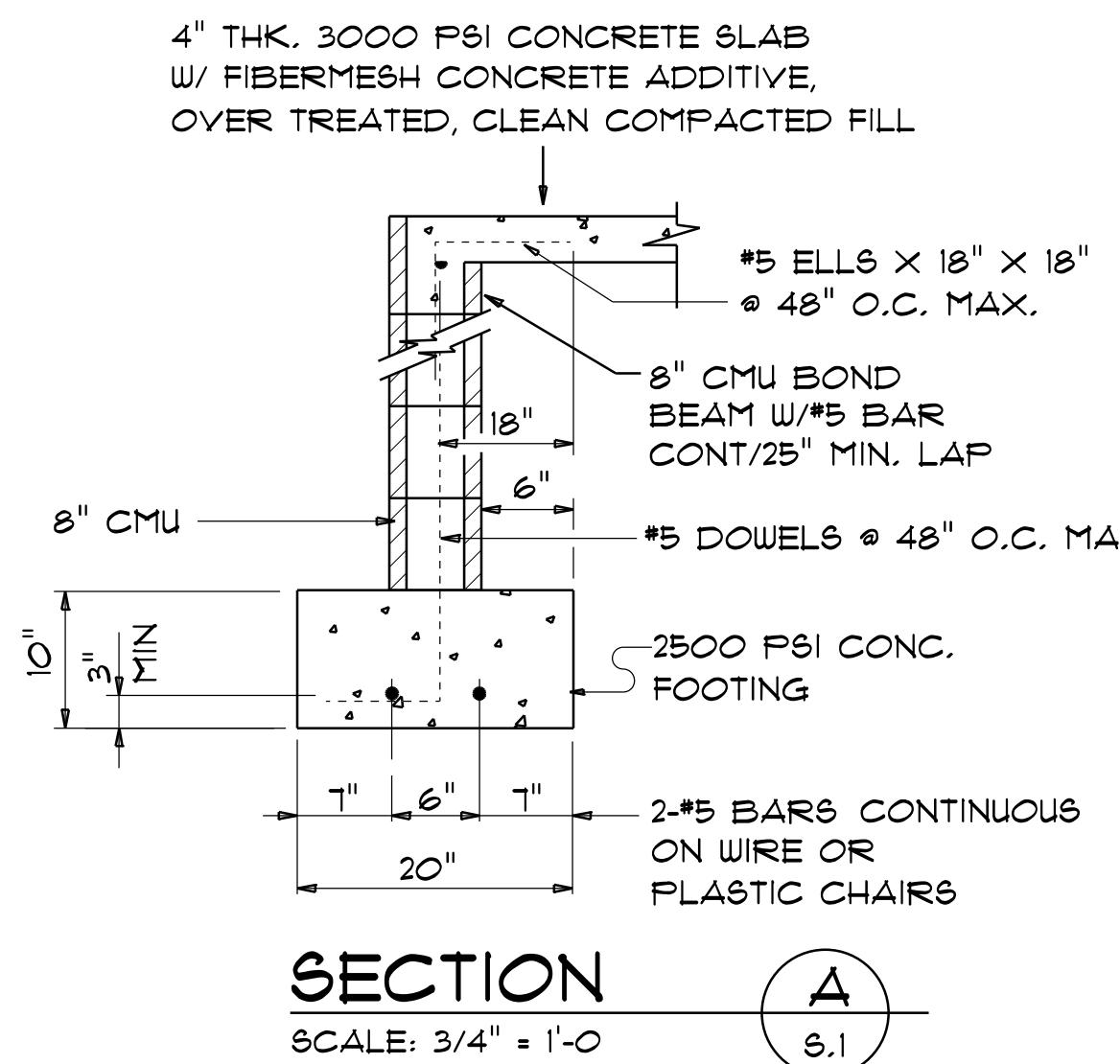


## CONCRETE / MASONRY / METALS GENERAL NOTES:

1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
2. EXPANSIVE SOILS, WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPAKTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPAKTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A165 - MIN. YIELD STRESS = 25 KSI.
6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
11. 2X4 P/T WOOD SILL CONT. ALL AROUND, W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 12" FROM EACH CORNER, EA. WAY, & WITHIN 8-12" FROM ALL WALL OPENINGS / ENDS - 1/2" A.B. W/ 3" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 6" EMBEDMENT INTO THE CONCRETE.



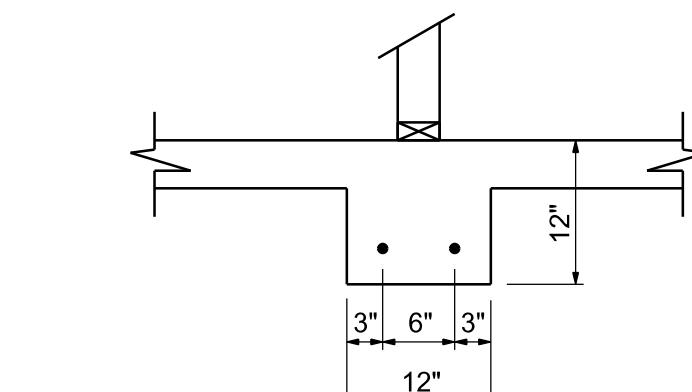
NOTE:  
THE DESIGN WIND SPEED FOR THIS  
PROJECT IS 130 MPH PER FBC 1609  
AND LOCAL JURISDICTION REQUIREMENTS

NOTE:  
ADDED FILL SHALL BE APPLIED IN 6" LIFTS -  
EA. LIFT SHALL BE COMPAKTED TO 98% DRY  
COMPAKTION PER THE "MODIFIED PROCTOR"  
METHOD.

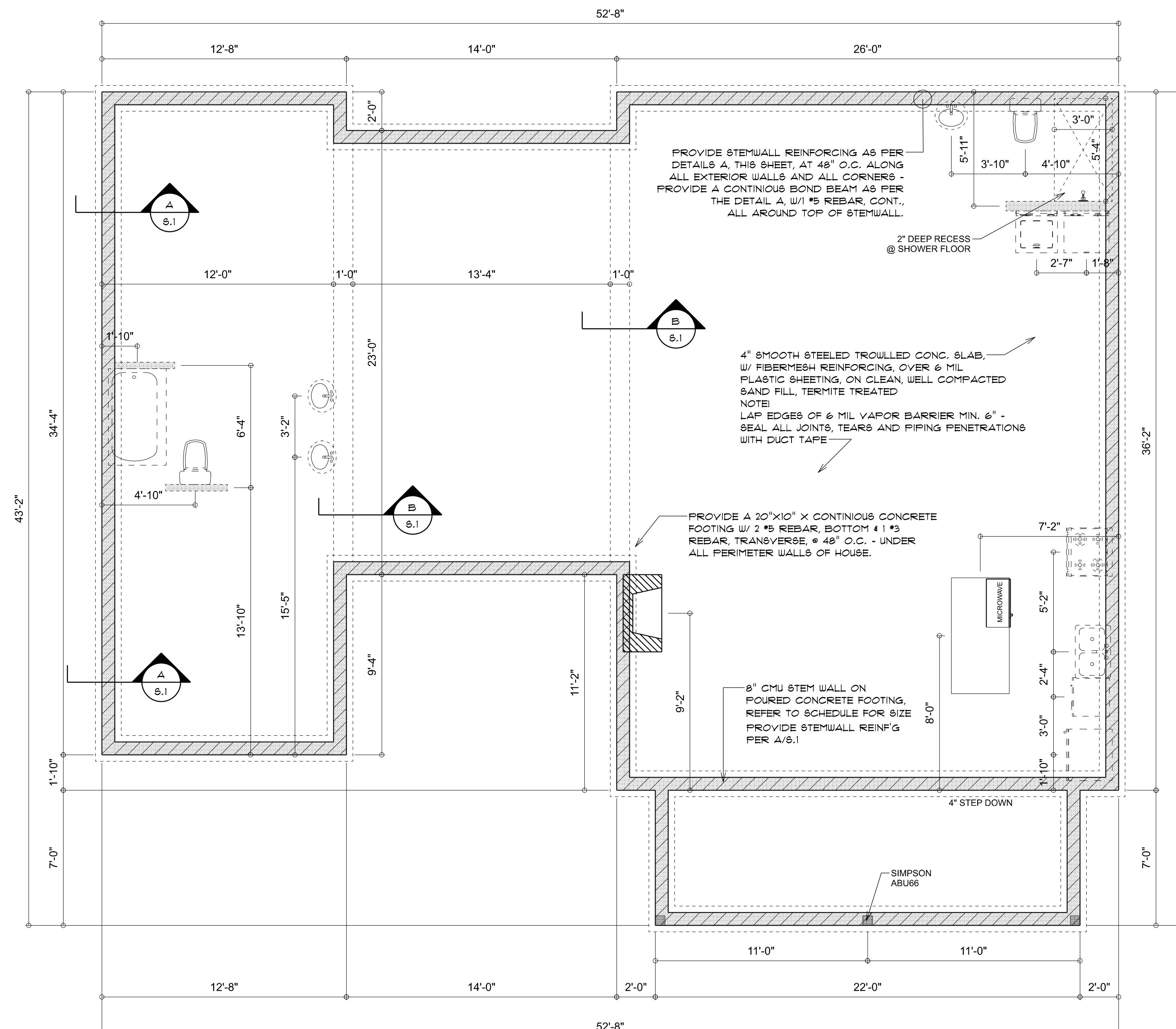
NOTE:  
WHERE FLOOR TILE IS TO BE INSTALLED,  
CRACK ISOLATION MEMBRANE WILL BE  
INSTALLED IN ACCORDANCE TO  
ANSI STANDARD A118.12

NOTE:  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP  
DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL  
PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR' SHALL  
PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND  
1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP  
DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL  
DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING  
REPORT - CONTR' SHALL PROVIDE 1 COPY OF AS-BUILT DWGS  
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



NOTE:  
VERIFY INTERIOR BEARING WALLS WITH  
TRUSS MANUFACTURE DRAWINGS! USE DETAIL  
"B" THIS PAGE AT ALL INTERIOR BEARING LOC.



RYAN RESIDENCE  
COLUMBIA COUNTY, FLORIDA

NICHOLAS PAUL GEISLER  
ARCHITECT  
N.C.A.B. Certified  
1789 N.W. Brown Rd.  
Lakes City, FL 32055

SHEET NUMBER  
S.1  
OF 4 SHEETS

Nicholas P. Geisler  
Digitally signed by:  
Nicholas P. Geisler  
DN: CN = Nicholas  
P. Geisler C = US  
O = Unaffiliated  
Date: 2024.09.30  
10:05:46 -04'00'

REVISIONS  
July 24th, 2024  
Aug. 28th, 2024