FOUNDATION NOTES:
ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL.
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMETER DRAINS AS REQUIRED.

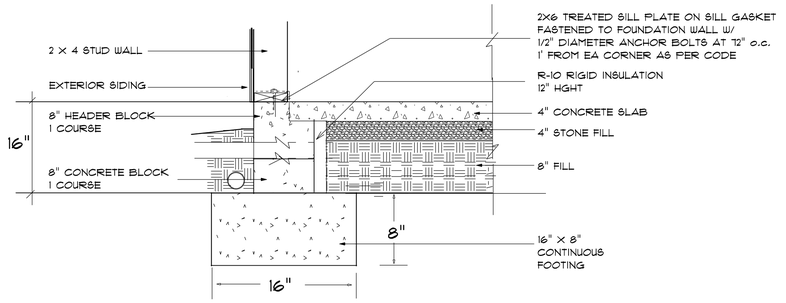
FOUNDATION CONCRETE MIX TO HAVE 1-1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.

FOOTING WIDTHS ARE BASED ON A LOAD-BEARING SOIL CAPACITY OF 2000 PSI.

PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND SURFACE IN CRAWL SPACE

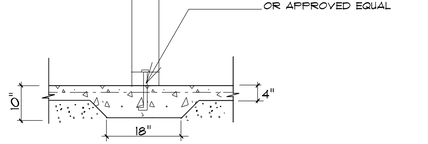
ALL ANCHOR BOLTS TO BE 12" LONG, 1/2" DIA. A36 UNO ANCHOR BOLTS SHALL BE SPACE AT A MAX OF 6' OC AND NO MORE THAN 1' FROM EA CORNER.

Termite Soil Treatment: Treat entire slab area soil or crawl space surface before vapor barrier is installed and slab is poured with a state approved termiticide. Termiticide should be applied by a licensed and certified pest control professional by the state of North Carolina.



STEM WALL FOUNDATION Detail

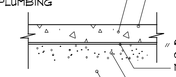
not to scale



TYPICAL THICKENED SLAB

not to scale

PROVIDE EXPANSION JOINTS AT THE EDGES OF SLABS THAT ARE NOT HEATED OR THAT ARE EXPECTED TO CHANGE TEMPERATURE SIGNIFICANTLY OVER THEIR LIFETIMES
ALSO PROVIDE EXPANSION JOINTS TO ISOLATE BUILDING ELEMENTS THAT PENETRATE SLABS SUCH AS STRUCTURAL COLUMNS, WALLS, OR PLUMBING



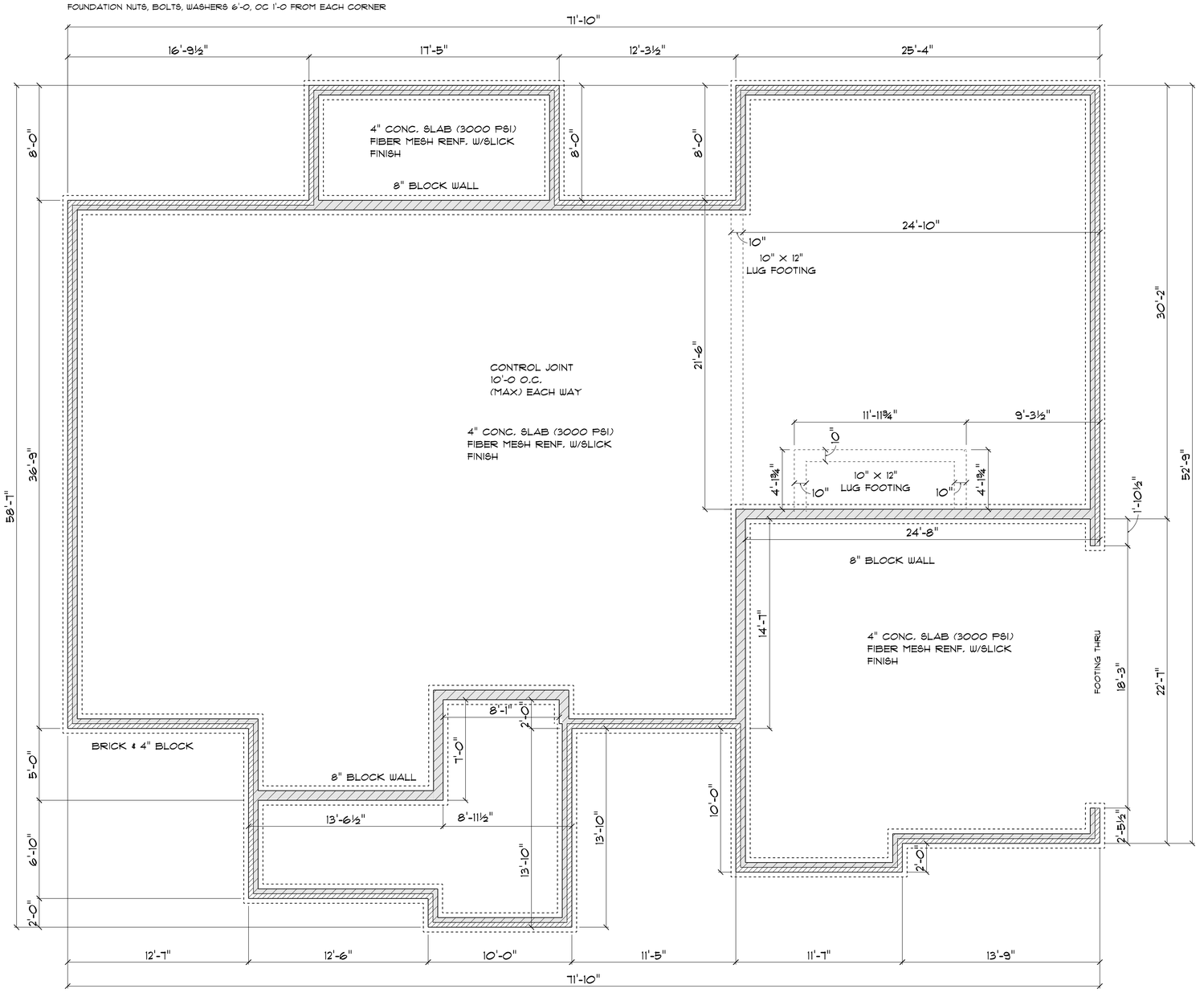
CONTROL JOINTS

PROVIDE CONTROL JOINTS TO INDUCE CRACKING AT SELECTED LOCATIONS -- TROWEL OR CUT JOINTS INTO THE SURFACE OF SLABS TO ABOUT 1/4 OF THE SLAB DEPTH AND AT 20 FT. INTERVALS -- COLD JOINTS CAN ACT AS CONTROL JTS

CONCRETE SLAB DETAILS / NOTES

not to scale

FOUNDATION NUTS, BOLTS, WASHERS 6'-0, OC 1'-0 FROM EACH CORNER



FOUNDATION PLAN

SCALE: 1'= 1/4"

DRD
Diane Rives Designs
6205 Mockingbird Lane
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919-770-0393
drdhomeandgarden.net

PAGE #: 3D

SCALE: 1'= 1/4"

DRAWN BY:

DATE: 2/28/2022

LAMCO HOMES

THE ABBEY (JUSTIN PRICE)

STEM WALL FOUNDATION PLAN