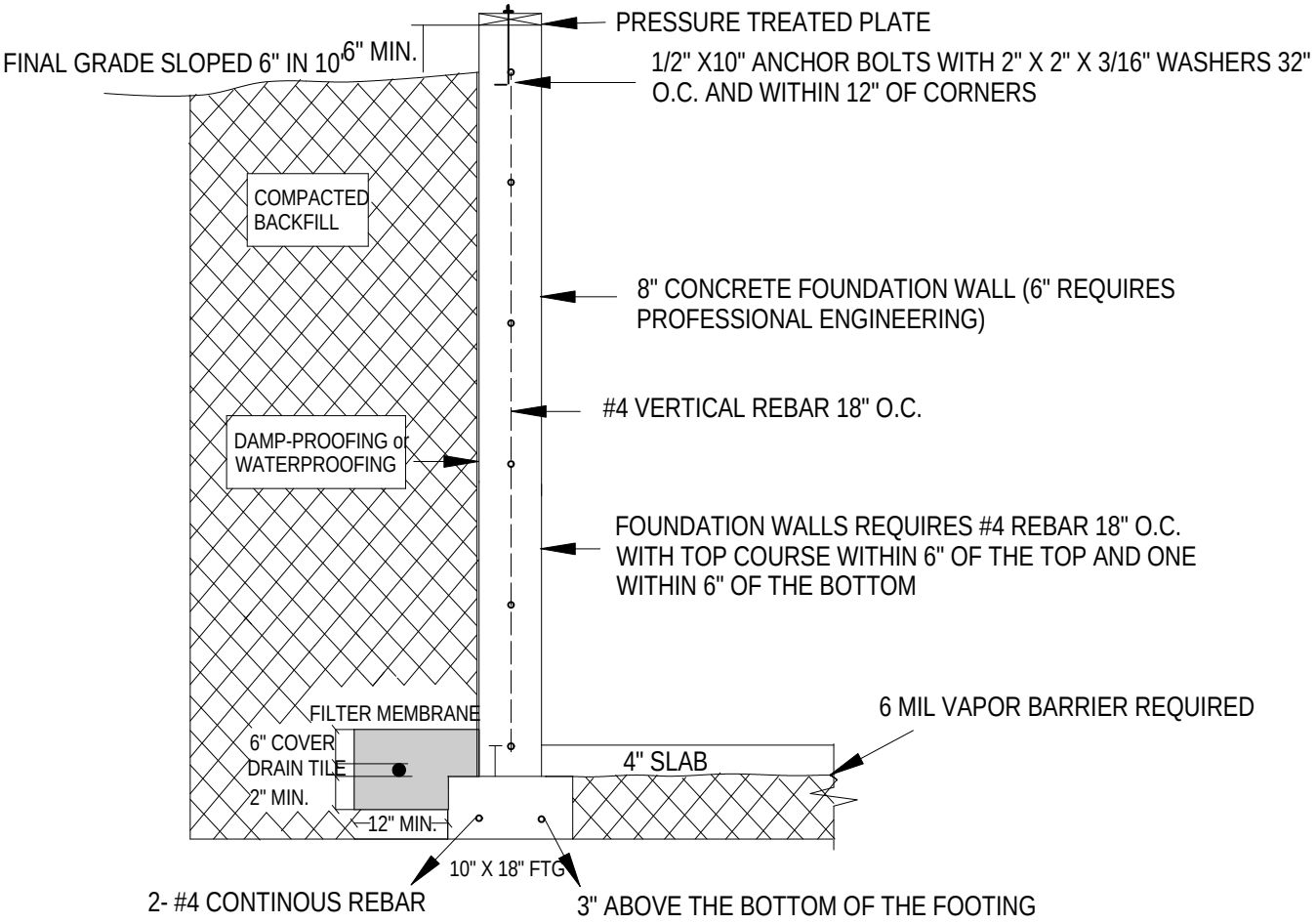
TYPICAL FOUNDATION REQUIREMENTS - SFR

BASEMENT



FOUNDATION DESIGN FOR TWO FLOORS AND ROOF LOAD CONCRETE TO BE 3000 PSI WITH 3//4" ROCK WITH A 4" SLUMP REBAR SPLICES TO BE LAPPED 15" WITH 2 TIES. FOOTING TO BE CONTINOUS 8" MINIMUM THICKNESS WITHOUT PROFESSIONAL ENGINEERING
8" X 16" FOOTING FOOTING TO BEAR ON UNDISTURBED SOIL

1500 PSI MAX SOIL BEARING UNLESS SHOWN-OTHER-WISE
FOOTING EXCAVATION TO BE COMPACTED
FDN REBAR TO BE CLEAN
ANCHOR BOLTS ARE REQUIRED WITHIN 12" OF EACH END OF PLATE
NO DEBRIS IN FOOTING TRENCH

BACKFILL TO BE COMPACTED TO 90% MAXIMUM DENSITY AS DETERMINED BY ASTM D1557, IN LIFTS NOT EXCEEDING 12 IN DEPTH.

FOUNDATION ELEVATION. THE TOP OF ANY EXTERIOR FOUNDATION WALL SHALL EXTEND ABOVE THE ELEVATION OF THE STREET GUTTER A MINIMUM OF 12 INCHES PLUS 2 PERCENT.

SEE ATTACHED DETAIL FOR DAMP-PROOFING AND WATER PROOFING FOUNDATIONS
FOUNDATION DRAINAGE IS REQUIRED.