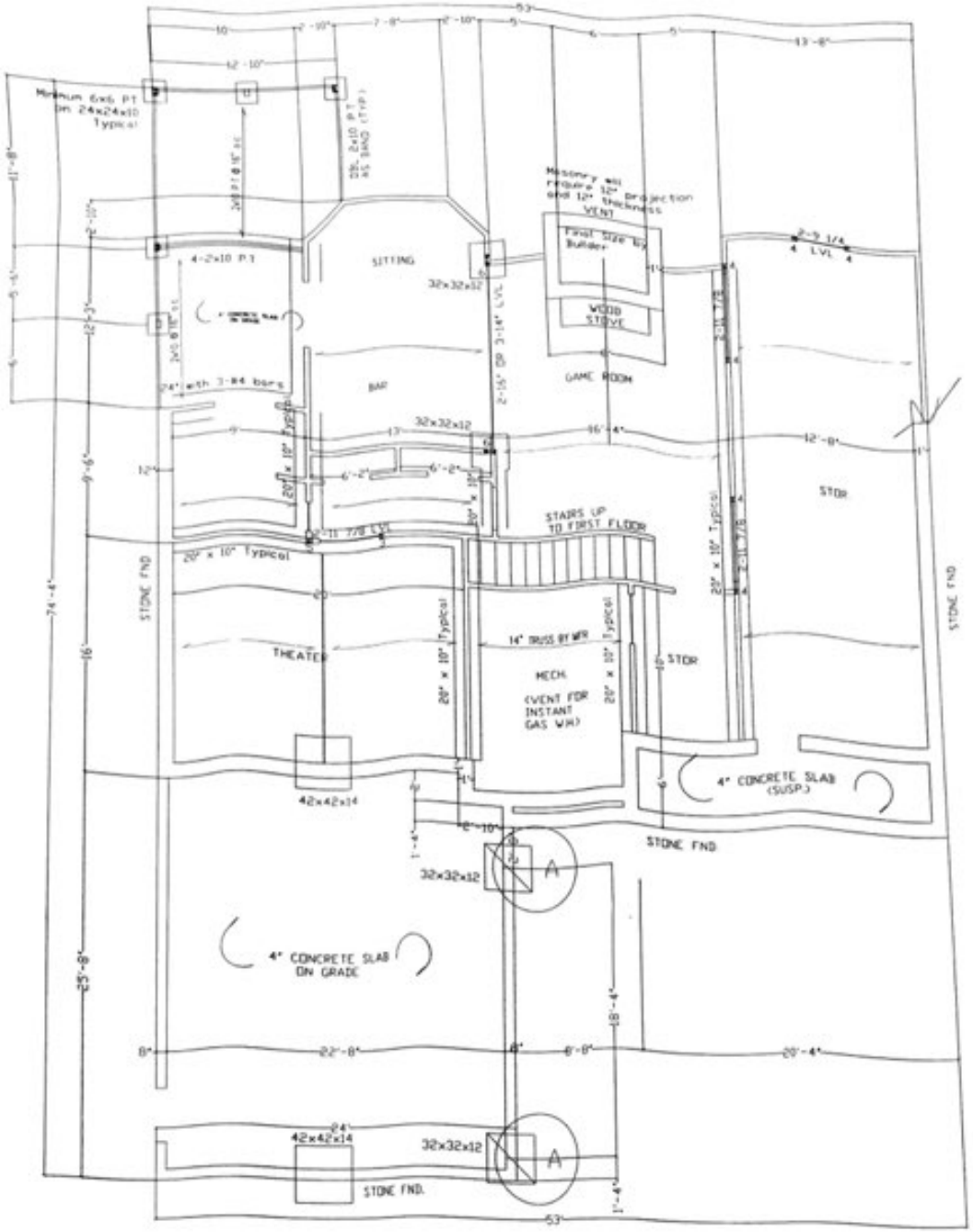


ALL EXTERIOR AND BEARING FOOTERS 24" X 10"
WITH THREE #4 BARS RECOMMENDED
ALL INTERIOR LUGS 20" X 10"
ALL FRAMED BEARING WALLS 2 X 6 @ 16
OR (2) 2 x 4 @ 16 (ALL Doubled)
Bearing headers 3-2x10 (Boxed to 5 1/2" (2 x 6 walls)
9 1/4 LVL with 1-2x10 with 2-2x4 Jacks (2 x4 walls)
PROVIDE MINIMUM R-10 (4" RIGID FOAM) AT ALL
PERIMETERS OF HEATED SPACES EXTENDING 24"
VERTICAL OR HORIZONTAL TOWARDS INTERIOR

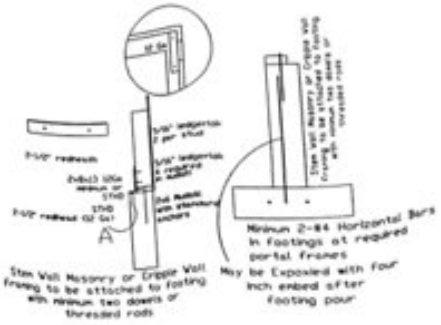
ALL FLOOR JOISTS 14" FLOOR TRUSS BY MFR.

Structural Design By
John Alexander McRae, PE, Inc
8517 Nonstrow Way Apex, NC 27539
(919) 662-5531 Fax 662-8599
Report deficiencies immediately
1307-06

Anchor Bolts ALL foundation walls
1/2" x 10" with 7" embed at six
feet on center and 12" from ends
corners

2900 SQ. FT. OF BASEMENT

DESIGN TO IRC 2009 NCBC 2012



BASEMENT ENG. PLAN

DESIGN TO IRC 2009