2x wall (see details on page 6)
R-15 or R-21 insulation as required when heated
pressure treated plate w/ ½” dia. x 10” anchor bolts @ 6'-0” o.c. and maximum 12” from ends and splices w/nut and 3’x3’x¾” plate washers-typical
sill seal if heated
sill sealer
particle board underlayment over 2x6 or 2x8 T&G decking or 1 ¼” plywood
R-30 insulation
½” plywood gusset nail to girder and post-alternate direction
4x_girder @ max. 48” o.c
4x_post
provide positive connection to 4x4 post and footing w/Simpson A24 or equal
18” dia. x 8” min. conc. pads
tributary loads over 3500# will require larger pads

Radon mitigation required for habitable spaces-
min schedule 40 PVC piping
"radon reduction system" labels to applied to piping at all accessible locations,
min 6 mil. black ploy, vapor barrier with 1/2” overlaps at seams,
electrical junction box for future fan required at accessible location nearest to pipe termination,
radon duct shall be located within warm walls.

NOTES:
1. 4x6 D.F. # 2 girders - maximum 7’-0” span. 4x8 maximum 8’-0” span.
2. 4x4 D.F. #2 post. 4x6 required at girder splices.
3. 2x decking must be covered with ¾” plywood or approved underlayment.
4. 4x post over 3’-0’ high must be braced.
5. See page 6 for rebar requirement in footing.
6. Support insulation at 24” o.c. to hold tight to underside of floor deck - do not compress - WSEC R402.2.7.
7. Foundation vents required ! sf for each 300 s.f. of under-floor area-distribute approximately equally on at least two sides. Recommend starting placement within 3’ of corners. R405.
8. Minimum concrete strength 2500 p.s.i. lap rebar min. 60 diameters at splices-secure with tie wire. See IRC Table RG11.5.4(1).