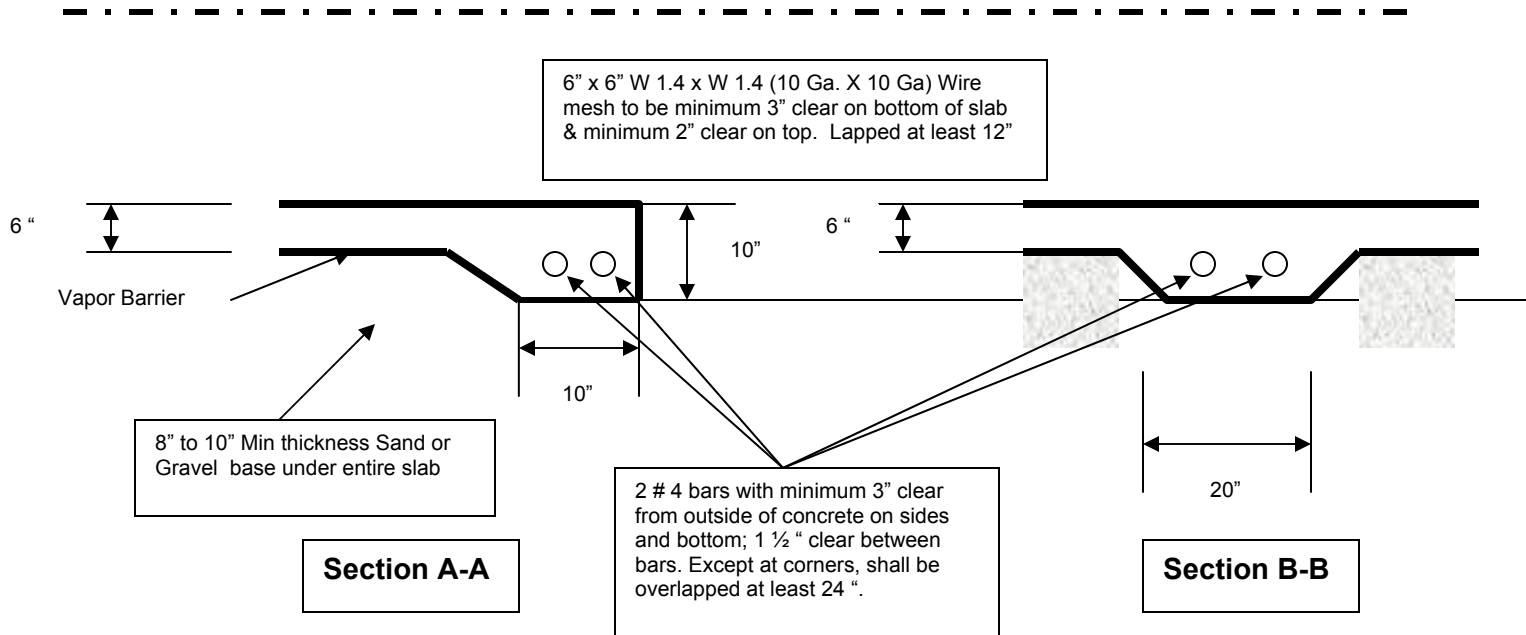
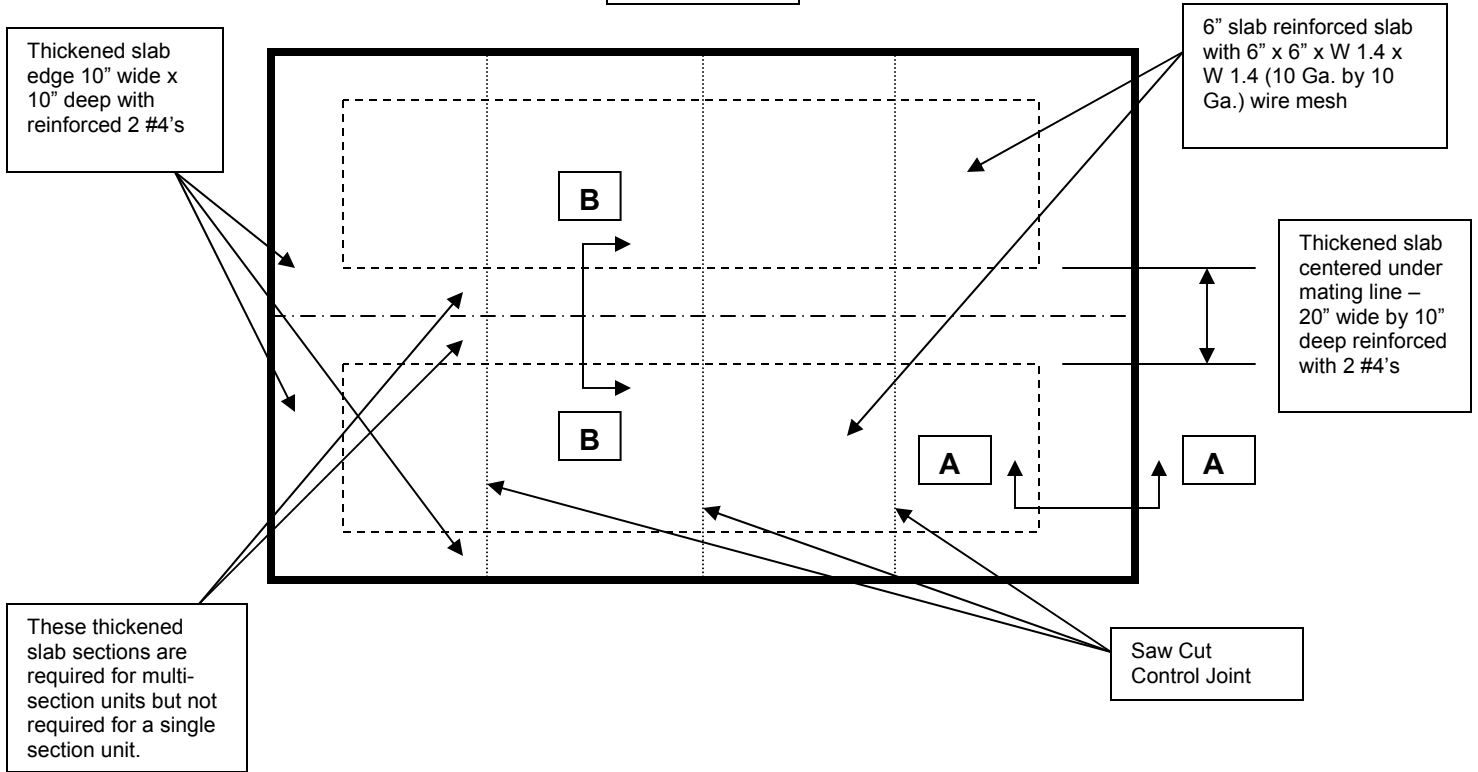


**Acceptable slab on grade for pier supported manufactured home produced on or after April 1, 2007
[per SPS 321.40 (1)]**

Plan View



Note: Perimeter insulation is NOT required.

Limitations:

1. Minimum 3,000 psi Concrete. [HUD 3285.312 (b) (ii)]
2. Rebar and mesh at least grade 40.
3. Soil Bearing capacity at least 2,000 psf [SPS 321.40(2)(b)2. and HUD 3285.312 (b) (ii)]
4. Placed on undisturbed soil. Shall not be placed on unprepared fill material, organic soil, alluvial soil, mud, or frozen soil. [SPS 321.40(2)(b)1. and HUD 3285.312 (a)]
5. 8 to 10” of clean graded sand, gravel or crushed stone base in clay soils [SPS 321.20(2) with added thickness to resist frost.] Compaction of sand etc, should 95% of modified Proctor.
6. 6 mil vapor retarder overlapped 12 inches and sealed. [HUD 3285.204]
7. Maximum pier spacing of 7 feet with max load per pier of 5, 300 lbs. when placed on 6” thick slab. [SPS 321.40(2)(b)10. and HUD 3285 (e), Table.]
8. Maximum load per pier of 11,900 lbs. at mating line when centered on the 20” W. X 10” D. thickened slab, Section B-B, reinforced with 2 - #4 bars. Individual pier footings at mating line meeting sizing requirements s.3285 (e), Table may be used in lieu of continuous thickened slab. [HUD 3285 (e), Table.]
9. Site shall drain away from the home per SPS 321.12. Ensure drainage of sand fill zone so that any clay does not cause water to pool under the slab.
10. The water table shall not be above the frost penetration depth, i.e. at least 4 feet below grade. [SPS 321.15(2)(a)]
11. Saw cut joints in slab so that sections are approximately square. (Example: 16’ by 76’ slab = 4 segments.)