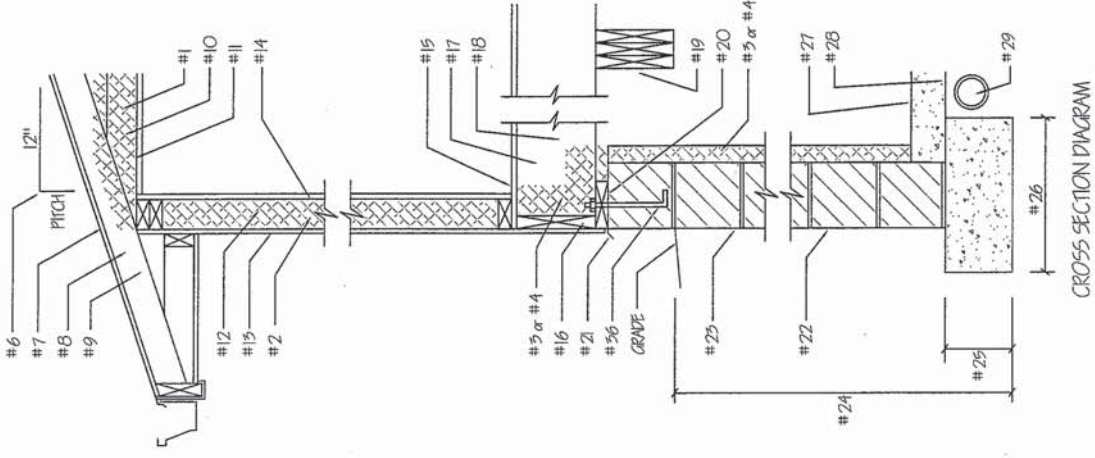


BUILDING AND ZONING DEPARTMENT
CITY OF SPRINGFIELD, ILLINOIS
 FORM REVISED April 6, 2010 FOR THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE
BUILDING PERMIT APPLICATION - CROSS SECTION DIAGRAM

1. **ATTIC INSULATION REQUIRED**
 R-38 Continuous or R-30 Continuous w/energy truss or U-0.030 Total
 R- or U- or REScheck
2. **WALL INSULATION REQUIRED**
 R-20 Cavity or R-13 Cavity+R-5 Continuous over 75% or
 R-13 Cavity+R-2 Continuous over 100% or U-0.057 Total
 R- or U- or REScheck
3. **BASEMENT and BOX SILL INSULATION REQUIRED**
 R-13 Cavity or R-10 Continuous or U-0.059 Total
 R- or U- or REScheck
 Cannot leave foam or batts exposed on interior
4. **CRAWL SPACE and BOX SILL INSULATION REQUIRED**
 R-13 Cavity or R-10 Continuous or U-0.065 Total
 R- or U- or REScheck
 Cannot leave foam or batts exposed on interior
5. **FENESTRATION VALUE of U-0.35 REQUIRED**
 U-
6. ROOF PITCH IN 12
7. ROOF SHEATHING MATERIAL
8. ROOF TRUSSES YES NO
9. ROOF RAFTERS 2" x " x " LENGTH
 SPACING 16" o.c. 24" o.c.
10. CEILING JOISTS 2" x " x " LENGTH
 VAPOR BARRIER YES NO
11. FRAMING STUDS
 SIZE 2" x 4" 2" x 6"
 SPACING 16" o.c. 24" o.c.
13. **EXTERIOR SHEATHING MATERIAL**
 WATER BARRIER IS REQUIRED OVER THE SHEATHING
14. VAPOR BARRIER YES NO
15. SUBFLOOR SHEATHING
16. BOX SILL 1" x 2" x
17. MANUFACTURED FLOOR TRUSSES OR I-JOISTS
 YES NO
18. **REGULAR FLOOR JOISTS**
 SIZE 2" x " x " LENGTH
 SPACING 16" o.c. 24" o.c.
19. **SHOW THE SIZE & LENGTH OF BUILT-UP GIRDER OR BEAM (FOR FLOOR SYSTEM) ON THE DRAWINGS**
20. **SILL SEALER & TREATED SILL PLATE REQUIRED**
 TERMITES SHIELD OR SOIL TREATMENT IS REQUIRED
 TERMITES SHIELD YES NO
 SOIL TREATMENT YES NO
22. **FOUNDATION: BLOCK CONCRETE**
 REINFORCED: YES NO
23. **FOUNDATION COATING**
24. **DEPTH OF FOOTINGS (36" MINIMUM)** "
25. **FOOTING THICKNESS** "
26. **FOOTING WIDTH** "
 REINFORCING REBAR SIZE
 SPACING OF REBAR
27. **GROUND COVER IN CRAWL SPACE**
 SAND ROCK
 VISQUEEN N/A
28. **GROUND COVER UNDER SLAB-ON-GRADE CONSTRUCTION, OR BASEMENT FLOOR**
 SAND ROCK
 VISQUEEN N/A
29. **DRAIN TILE AROUND FOUNDATION**
 INSIDE OUTSIDE
30. **IF AN EIFS SYSTEM IS BEING USED, IT MUST BE A WATER-MANAGED SYSTEM AS SUPPLIED BY THE MANUFACTURER.**
 EIFS SYSTEM IS BEING USED
 EIFS SYSTEM IS NOT BEING USED
31. **DOES THE HOUSE HAVE A BASEMENT?**
 FINISHED BASEMENT
 UNFINISHED BASEMENT
 NO BASEMENT



SEE REVERSE SIDE OF THIS SHEET FOR ITEMS 32 THROUGH 35.

32. **SMOKE DETECTORS ARE REQUIRED IN EACH BEDROOM, AND IN THE HALL (OR OTHER ROOM) ADJACENT TO THE BEDROOMS. SEE REVERSE SIDE OF THIS SHEET FOR DESCRIPTION.**
 NUMBER OF SMOKE DETECTORS
33. **BEDROOM EGRESS WINDOWS ARE REQUIRED. SEE REVERSE SIDE OF THIS SHEET FOR DETAILED DESCRIPTION.**
 NUMBER OF BEDROOM EGRESS WINDOWS
 BASEMENTS OVER 200 SQUARE FEET IN SIZE REQUIRE AN EGRESS WINDOW
 BASEMENT EGRESS WINDOW
 NO BASEMENT EGRESS WINDOW
35. **RISERS, HANDRAILS, AND GUARDS MUST BE INSTALLED AS SHOWN ON THE REVERSE SIDE OF THIS SHEET.**
 RISER HEIGHT
 TREAD DEPTH
 GUARDRAIL HEIGHT
 GUARD SPACING
36. **1/2" DIAM ANCHOR BOLTS AT 6'-0" O.C. ARE REQUIRED, EMBEDDED 7" INTO MASONRY OR CONCRETE.**
 WILL THE HOUSE HAVE AN EXTERIOR DECK?
 NO, THE HOUSE WILL NOT HAVE A DECK
 YES, THE HOUSE WILL HAVE A DECK

