

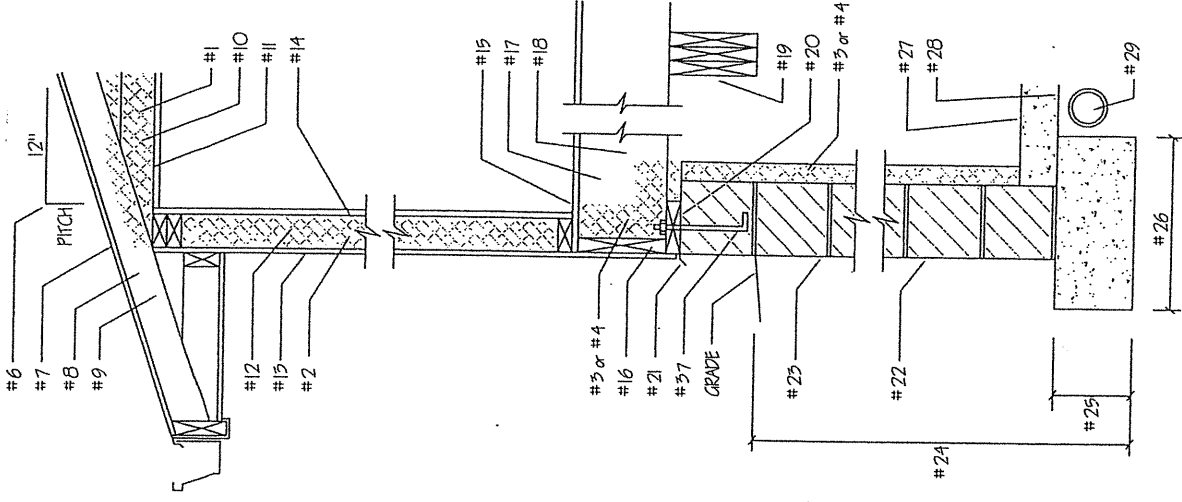
BUILDING AND ZONING DEPARTMENT

CITY OF SPRINGFIELD, ILLINOIS

FORM REVISED October 25, 2019 - 2018 IECC & 2012 IRC

BUILDING PERMIT APPLICATION - CROSS SECTION DIAGRAM

1. **ATTIC INSULATION**
R-49 or R-38 w/ full ht. of uncompressed R-38 over wall top plates at eaves or U-0.026 Total
R- _____ or U- _____ or REScheck _____
2. **WALL INSULATION**
R-20 Cavity or R-13 Cavity+R-5 Continuous or U-0.060 Total
R- _____ or U- _____ or REScheck _____
3. **BASEMENT and BOX SILL INSULATION**
R-19 Cavity or R-15 Continuous or U-0.050 Total
R- _____ or U- _____ or REScheck _____
Cannot leave foam or batts exposed on interior
4. **CRAWL SPACE and BOX SILL INSULATION**
R-19 Cavity or R-15 Continuous or U-0.055 Total
R- _____ or U- _____ or REScheck _____
Cannot leave foam or batts exposed on interior
5. **FENESTRATION VALUE of U-0.30 or BETTER**
U- _____



CROSS SECTION DIAGRAM

EROSION CONTROL

EROSION CONTROL PERMIT APPLIED FOR
YES _____ NO _____

EROSION CONTROL MEASURES ARE TO BE INSTALLED AND INSPECTED PRIOR TO BUILDING PERMIT ISSUANCE.

SEE REVERSE SIDE OF THIS SHEET FOR ITEMS 33 THROUGH 36.

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 _____
34. RISERS, HANDRAILS, AND GUARDS MUST BE INSTALLED AS SHOWN ON THE REVERSE SIDE OF THIS SHEET.
RISER HEIGHT _____
TREAD DEPTH _____
GUARDRAIL HEIGHT _____
GUARD SPACING _____
35. 1/2" DIAM ANCHOR BOLTS AT 6'-0" ON CENTER ARE REQUIRED, EMBEDDED 7" INTO MASONRY OR CONCRETE.
36. WILL THE HOUSE HAVE AN EXTERIOR DECK?
NO, THE HOUSE WILL NOT HAVE A DECK _____
YES, THE HOUSE WILL HAVE A DECK _____

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
11. CEILING VAPOR BARRIER YES _____ NO _____
12. 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. WALL 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
21. 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 _____

