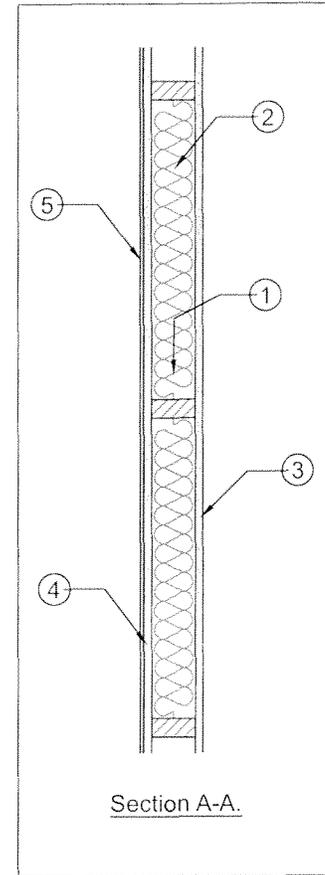
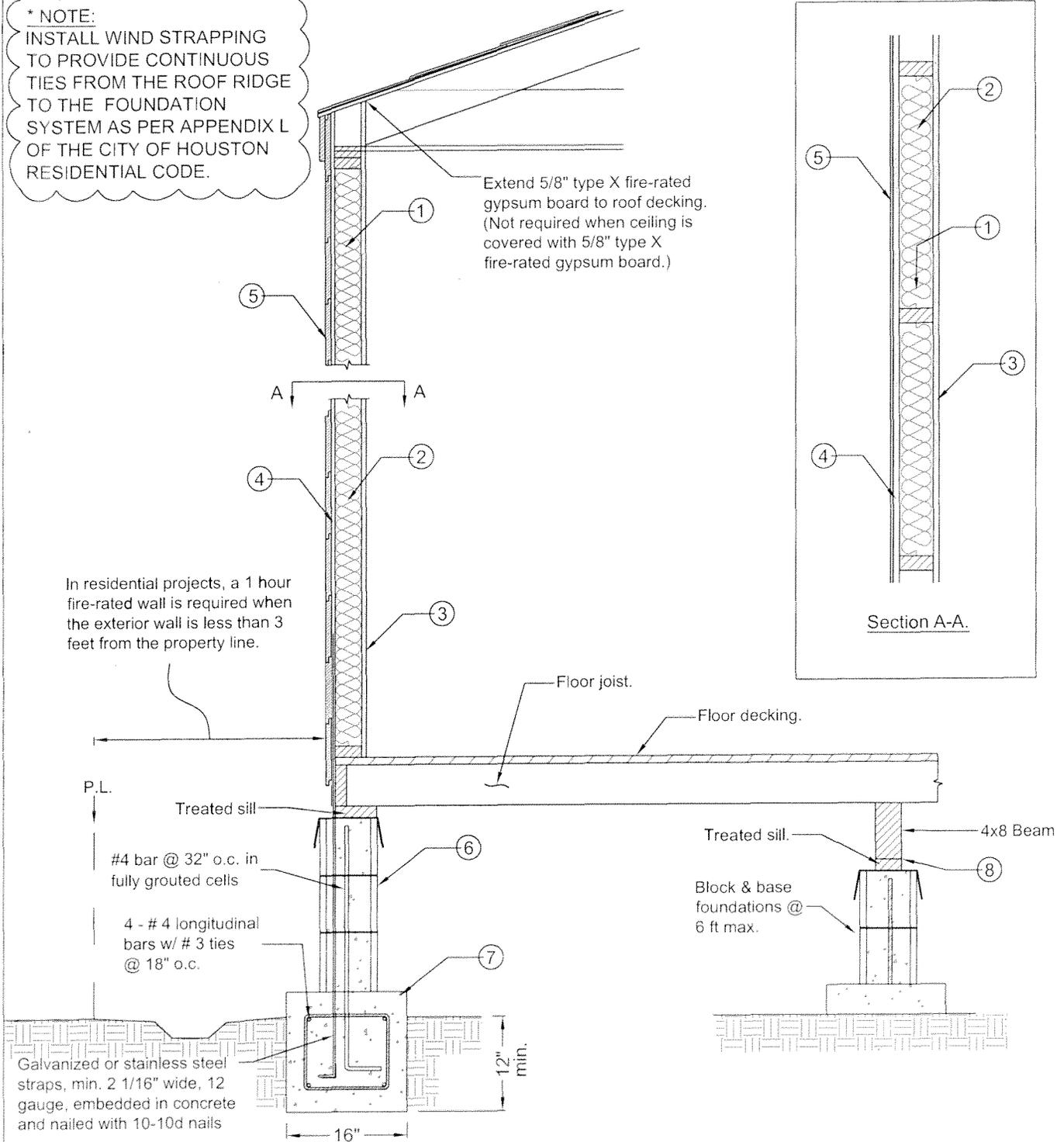


* NOTE:
INSTALL WIND STRAPPING
TO PROVIDE CONTINUOUS
TIES FROM THE ROOF RIDGE
TO THE FOUNDATION
SYSTEM AS PER APPENDIX L
OF THE CITY OF HOUSTON
RESIDENTIAL CODE.

Extend 5/8" type X fire-rated
gypsum board to roof decking.
(Not required when ceiling is
covered with 5/8" type X
fire-rated gypsum board.)



In residential projects, a 1 hour
fire-rated wall is required when
the exterior wall is less than 3
feet from the property line.



1 Wood Studs: Nominal 2"x4" solid sawn wood studs, 24" on center max, with two top plates and a single bottom plate.

2 Insulation: R13 fiber glass batt insulation.

3 Gypsum Wallboard: 5/8" Type X gypsum wallboard 48" wide, oriented vertically and fastened with 1-3/4" long cup-head gypsum nails, spaced 7" on center at board edges and in field areas, or 1-1/2" Type S drywall screws, spaced 8" on center at board edges and in field areas of boards. The joints and nail heads require treatment consisting of joint compound followed by joint tape and a second layer of joint compound.

4 Gypsum Sheathing: 1/2" Type X or 5/8" Type X gypsum sheathing fastened with 1-3/4" long roofing nails spaced 7" on center in the field and 4" on center along the perimeter. Sheathing edge joints shall be staggered from those on opposite sides of the wall.

5 Fiber-Cement Exterior Siding: 5/16" thick Fiber-Cement lap siding, applied horizontally with a 1-1/4" head-lap and fastened with a single 6d corrosion resistant common nail driven through the lapped planks at each stud location.

6 Masonry Wall: Masonry block wall shall be continuous as part of the fire wall and it shall comply with the provisions of chapter 21 of the IBC.

7 Concrete's compressive strength = 2500 psi @ 28 days.

8 Wood joists when closer than 18" or wood girders when closer than 12" to the exposed ground shall be treated as per section R319 of the City of Houston Residential Code

CITY OF HOUSTON		
Department of Public Works and Engineering		
1 Hour Fire-Rated Exterior Wall for Block & Base Foundations (Sub-floor Masonry Wall)		
Approved by: <i>Yam Hokey</i> Building Official		
Revision Date: 11/20/2013	Dwg No: 12-05-R (Revision 1)	1 of 1