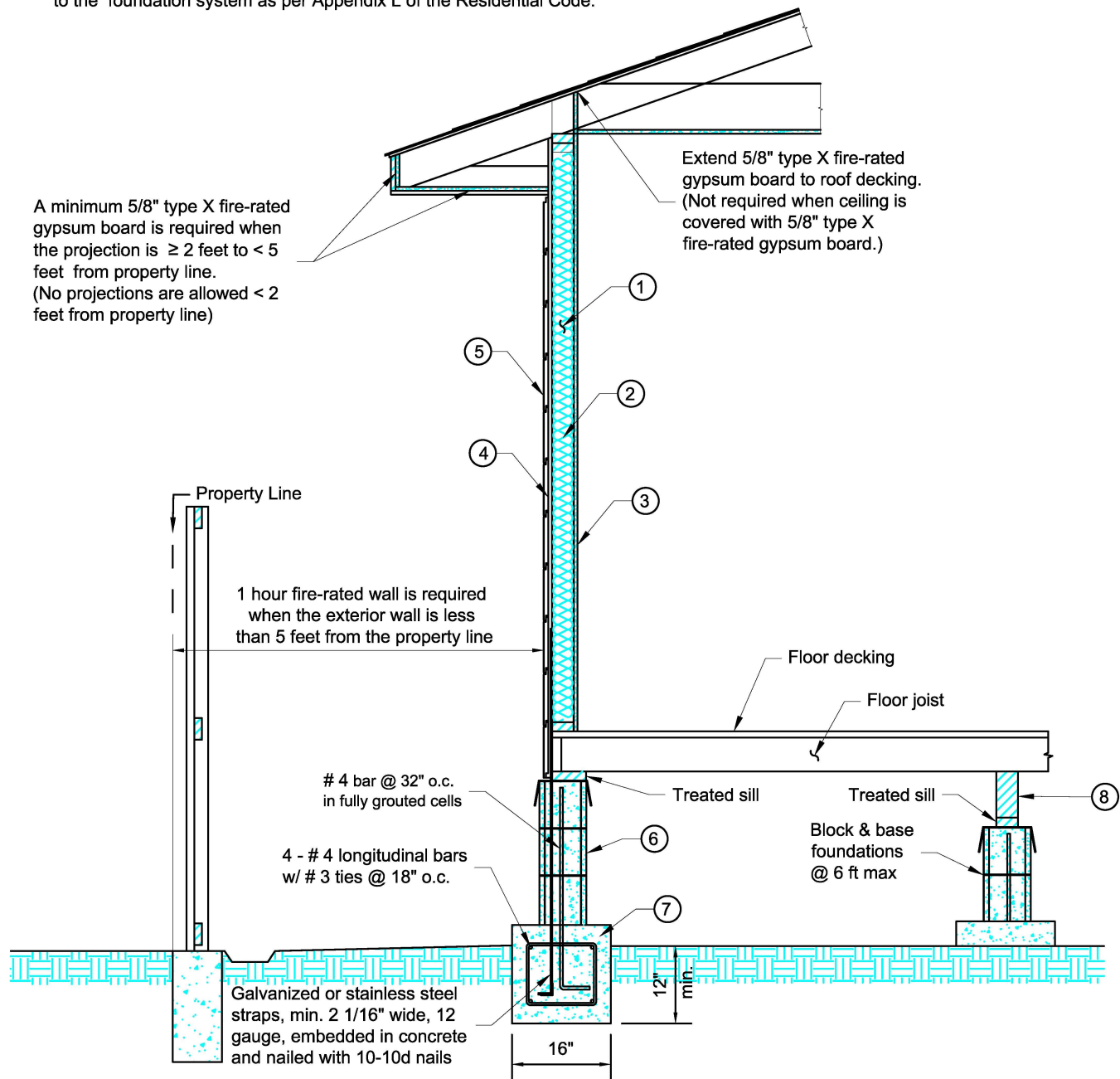


Note: Install wind strapping to provide continuous ties from the roof ridge to the foundation system as per Appendix L of the Residential Code.



- 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: 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 closer than 18" or wood girders closer than 12" to the exposed ground shall be treated as per section R317 of the Residential Code.



STANDARD DRAWING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
BUILDING CODE ENFORCEMENT

1 HOUR FIRE-RATED EXTERIOR WALL
FOR BLOCK & BASE FOUNDATIONS
(SUB-FLOOR MASONRY WALL)

1002 WASHINGTON AVE., HOUSTON, TEXAS 77002

APPROVED BY:

BUILDING OFFICIAL

DATE:

11 / 15 / 2022

DWG No:

22-03-R

Rev. 1

1 of 1