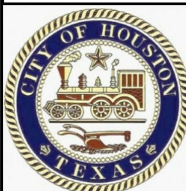


1. Wood Studs: Nominal 2" X 4" solid sawn wood studs, 24" o.c. max, with two top plates and a single bottom plate.
2. Insulation: R13 fiber glass batt insulation.
3. Gypsum Wallboard: 5/8" Type X gypsum wallboard 48" wide, oriented vertically and fastened with 1-3/4" long cup-head gypsum nails, spaced 7" on center at board edges and in field areas, or 1-1/2" Type S drywall screws, spaced 8" o.c. 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" o.c. in the field and 4" o.c. 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" headlap and fastened with a single 6d corrosion resistant common nail driven through the lapped planks at each stud location.
6. Install wind strapping to provide continuous ties from the roof to the foundation system as per Appendix L of the City of Houston Residential Code.



STANDARD DRAWING

**CITY OF HOUSTON**  
HOUSTON PUBLIC WORKS  
BUILDING CODE ENFORCEMENT

1 HOUR FIRE-RATED WOOD STUD  
EXTERIOR WALL

1002 WASHINGTON AVE., HOUSTON, TEXAS 77002

APPROVED BY:

BUILDING OFFICIAL

DATE:

11 / 15 / 2022

DWG No:

22-05-R

Rev. 1

1 of 1