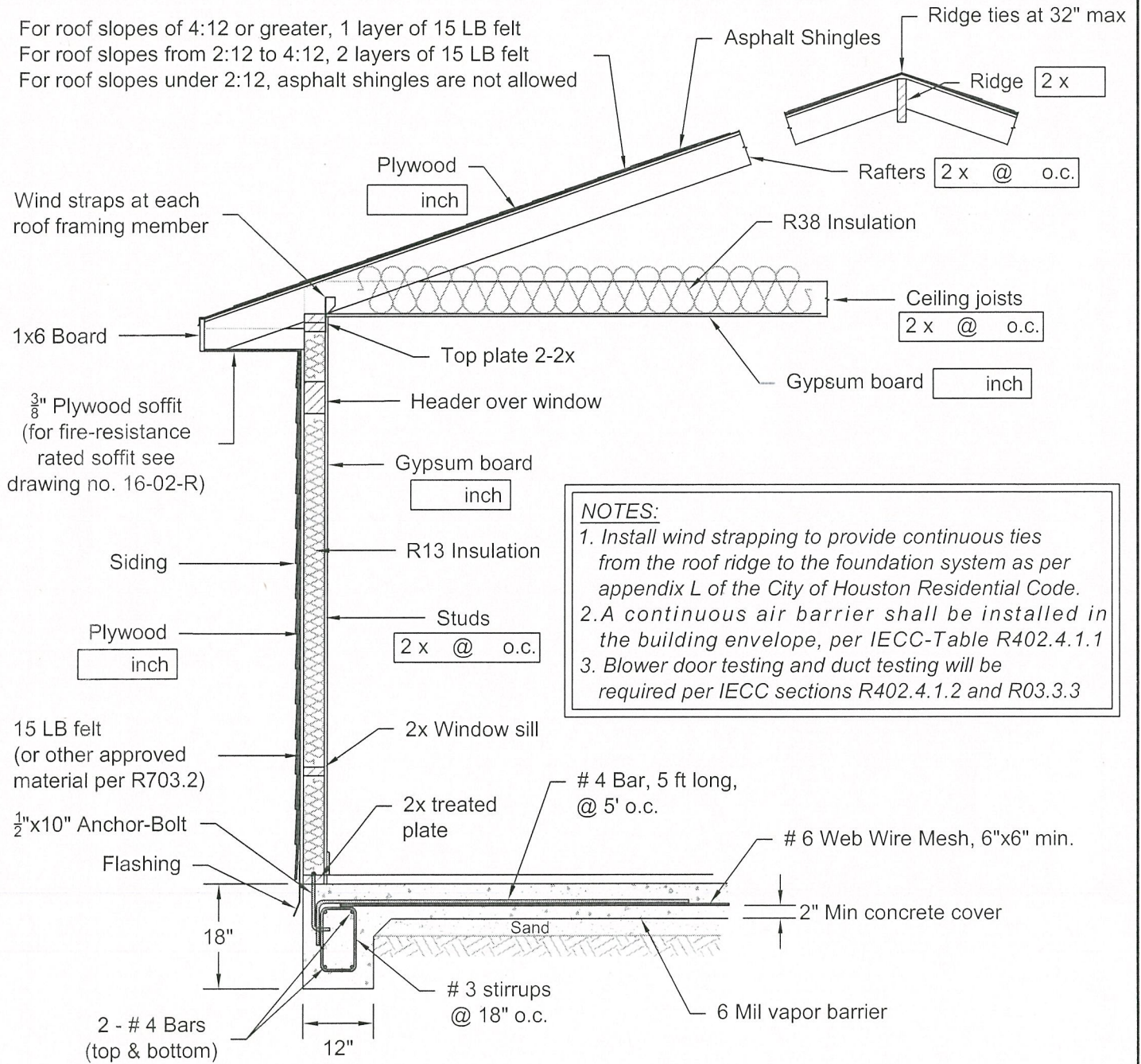


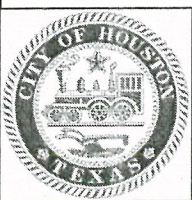
**INSULATION & FENESTRATION REQUIREMENTS**

CLIMATE ZONE	FENESTRATION U-FACTOR	FENESTRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	FLOOR R-VALUE
2	0.40 (MAX)	0.25 (MAX)	38 (MIN)	13 (MIN)	13 (MIN)

For roof slopes of 4:12 or greater, 1 layer of 15 LB felt  
 For roof slopes from 2:12 to 4:12, 2 layers of 15 LB felt  
 For roof slopes under 2:12, asphalt shingles are not allowed



**NOTES:**  
 1. 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.  
 2. A continuous air barrier shall be installed in the building envelope, per IECC-Table R402.4.1.1  
 3. Blower door testing and duct testing will be required per IECC sections R402.4.1.2 and R03.3.3



STANDARD DRAWING  
  
**CITY OF HOUSTON**  
 DEPARTMENT OF PUBLIC  
 WORKS & ENGINEERING

RESIDENTIAL WALL SECTION TEMPLATE  
 (SIDING)  
  
 1002 WASHINGTON AVE., HOUSTON, TEXAS 77002

APPROVED BY: *[Signature]*  
 BUILDING OFFICIAL  
 DATE: 2 / 9 / 2017      DWG No: 17-04-R      1 of 1