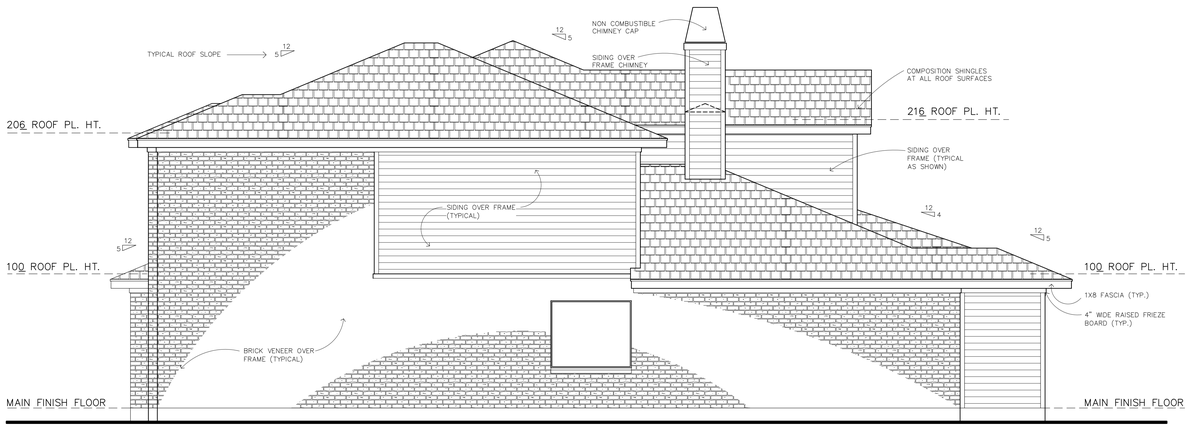
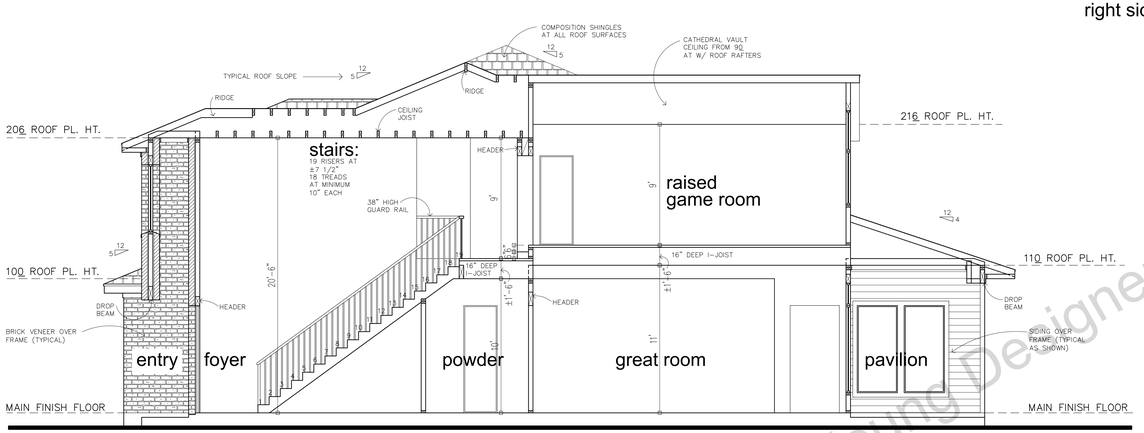
N·C·B·D·C
NATIONAL COUNCIL OF BUILDING DESIGNERS CERTIFICATION
Kevin M. Young
CERTIFICATION NO. 44-364
TM

A custom home design for:
Pavilion Builders

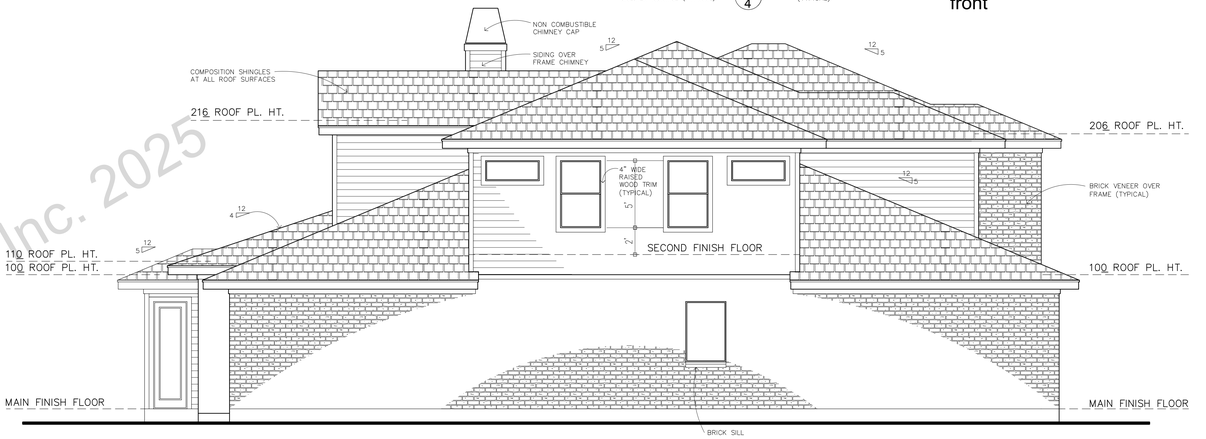


right side

front



A/4 building section



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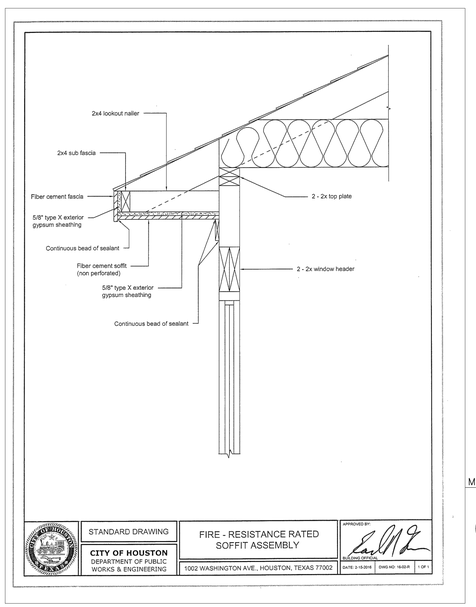
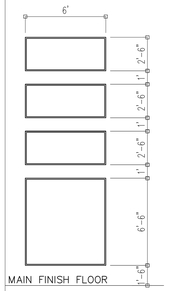
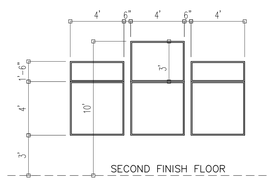


CROSS SECTION

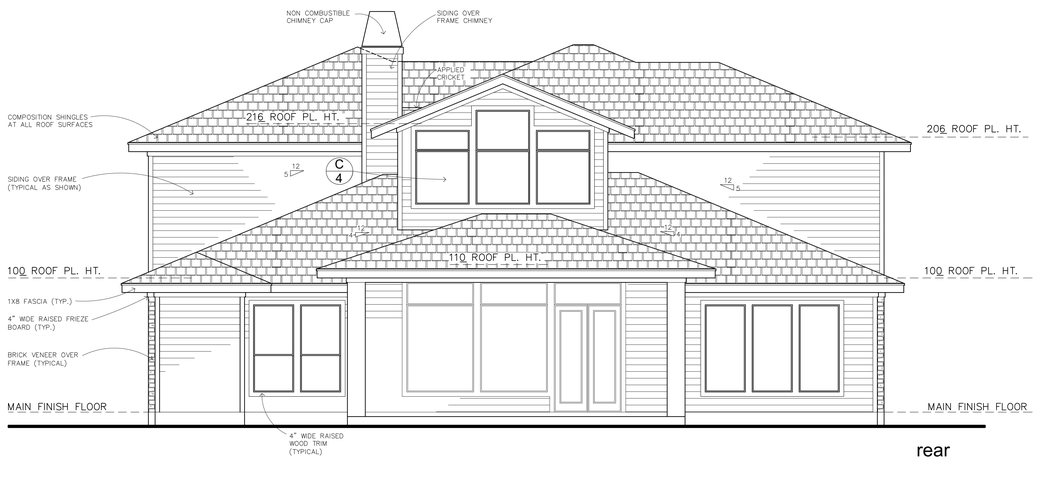
SEE SHEET 2 OF 6 FOR NOTES



B/4 window detail



C/4 window detail



rear

unless noted otherwise

exterior elevations

EE 1 Siding and Brick **veneer** and trim at all exterior wall surfaces.
EE 2 **Roof slopes** shall be 5:12 and produce approximately 2'-0" of overhang.
EE 3 Roof **rake** overhang shall be 12 inches from exterior wall.
EE 4 Composition shingle roofing at all **roof surfaces**. Shingles at slopes 2:12 to less than 4:12 shall be of approved self sealing or are hand sealed and shall be installed with an underlayment consisting of two layers of nonperforated type 15 felt applied shingle fashion. Starting with an 18" wide sheet and 36" wide sheet over it at the eaves, each subsequent sheet shall be lapped 19" horizontally.
EE 5 All roof **plate height designations** are as measured from main finish floor.
EE 6 Applied **cricket** roofing shall be applied over main roof deck and frame.
EE 7 a) Galvanized **sheet metal** flashing (26 gauge) at all valleys, hips and ridges. Provide for ventilation projections through roof with flanges and extend 8" beyond sleeve.
b) Galvanized sheet metal flashing at all roof to wall and roof to chimney interfaces.
c) Continuous galvanized sheet metal eave flashing.
EE 8 a) **Chimney termination** to be minimum 24" above any roof surfaces within a 10 foot radius but shall not be less than 3 feet above the point where the chimney passes through the roof. The net free area of spark arrester shall not be less than four times the net free area of the outlet of the chimney. b) The spark arrester screen shall have heat and corrosion resistance equivalent to 0.109-inch (No. 12 B.W. gage) wire, 0.042-inch (No. 19 B.W. gage) galvanized wire or 0.022-inch (No. 24 B.W. gage) stainless steel. Openings shall not permit the passage of spheres having a diameter larger than 1/2 inch and shall not block the passage of spheres having a diameter of less than 3/8 inch. Chimneys used with fireplaces or heating appliances in which solid or liquid fuel is used shall be provided with a spark arrester as required in the Fire Code. c) Metal chimneys shall be constructed and installed to meet the requirements of the Mechanical Code and shall be anchored at each floor and roof with two 1 1/2-inch by 1/8-inch metal straps looped around the outside of the chimney installation and nailed with not less than six 8d nails per strap at each joint. d) Factory-built chimneys and fireplaces shall be listed and be installed in accordance with the terms of their listings and the manufacturer's instructions as specified in the Mechanical Code.
EE 9 Roof **gutters** and **downspouts** per specifications (refer to builder).
EE 10 Continuous low-intake soffit **venting** providing approximately 9 square inches of net free area per lineal foot, installed as close to the fascia as possible. Venting shall be clog resistant and insect proof. Refer to Roof Plan for high venting device locations.

EXTERIOR ELEVATIONS

scale: 1/4" = 1'-0"

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Sheet 4 of 6 | Plan Number 4188 | Drawn By: JC | Date: 06/03/25

c Kevin Young Designer, Inc. 2025