

BRACED WALL PLAN CONSTRUCTION

7/16" ZIP WALL WOOD STRUCTURAL PANEL SHEATHING ATTACHED TO FRAMING WITH 6d AT 6" OC AT PANEL EDGES, AND 12" OC AT INTERMEDIATE MEMBERS
2x6 WALL STUDS TO BE AT 16" OC WITH 1/3 HEIGHT BLOCKING DOUBLE 2x6 TOP PLATE W/ OVERLAPING CORNERS AND SINGLE BOTTOM PLATE
MIN. R21 FIBERGLASS BATT INSULATION BETWEEN ALL STUD BAYS ALL TOP AND BOTTOM PLATE PENETRATIONS TO BE FIRE STOPPED
GYPSUM WALL BOARD TO BE APPLIED TO INTERIOR OF FRAMING WITH ADHESIVE AND TYPE S OR W SCREWS @ 7" OC AT PANEL EDGES AND 24" OC AT INTERMEDIATE FRAMING MEMBERS

EXTERIOR WALLS TO BE OF 2x6 AT 16" OC W/ 1/3 HEIGHT BLOCKING W/ DOUBLE TOP PLATE
INTERIOR BEARING WALLS TO BE MIN. 2x6 AT 16" OC W/ 1/3 HEIGHT BLOCKING W/ DOUBLE TOP PLATE
INTERIOR NON BEARING WALLS TO BE 2x6 AT 16" OC W/ DOUBLE TOP PLATE

TYP. WINDOW AND DOOR HEADER POST SCHEDULE

- 1-2x6 (1-KING STUD, 1-JACK STUD)
- 2-2x6 (1- KING STUD, 2- JACK STUDS)
- 3-2x6 (1- KING STUD, 3- JACK STUDS)

WALL BRACING DESIGN INFO

LOCATION: HARFORD COUNTY, MARYLAND

SEISMIC CATEGORY: B

WIND SPEED: 115 MPH

METHOD 3 (WOOD SHEATHING) / CONTINUOUS SHEATHING

METHOD 5 (GYPSUM BOARD)

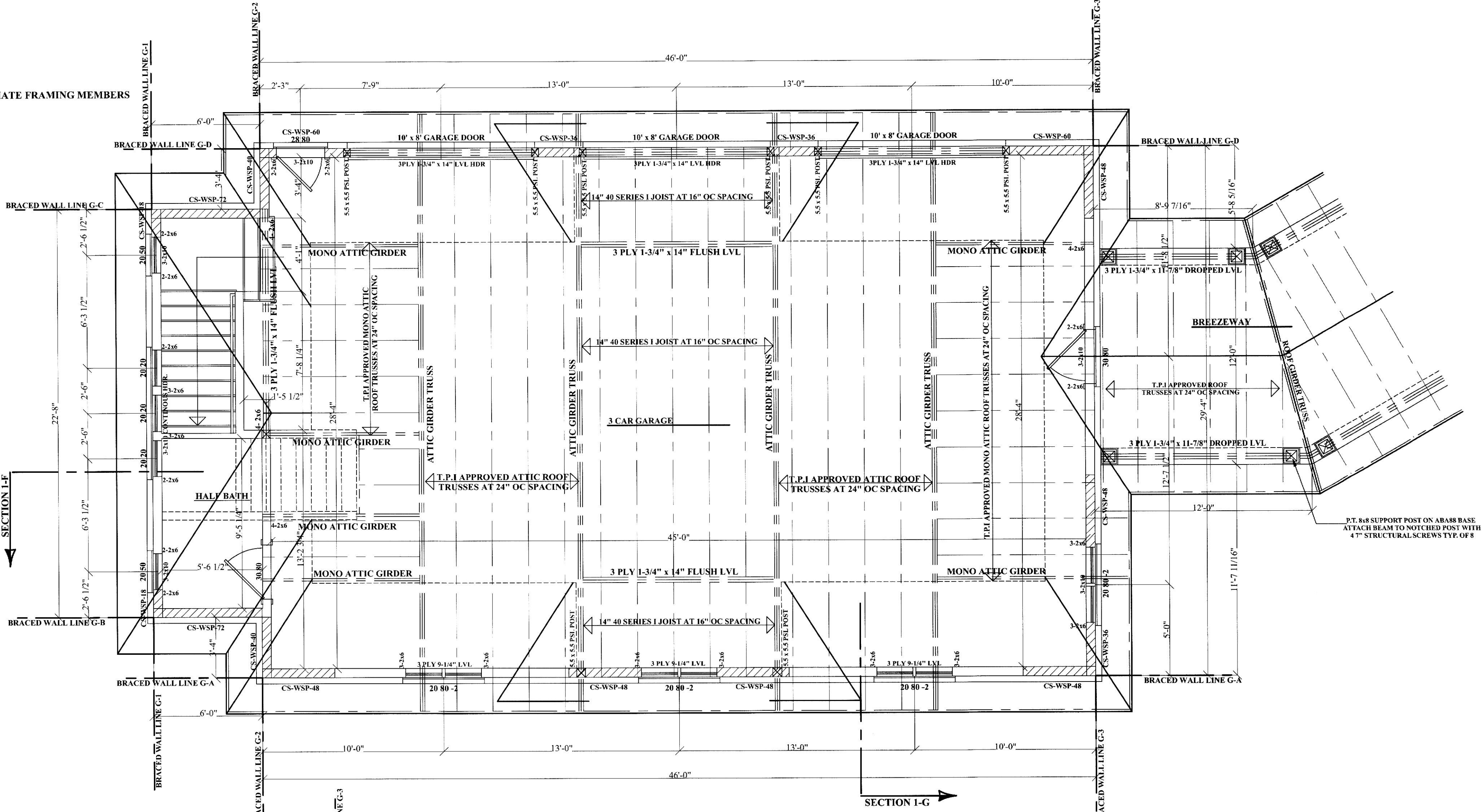
*THESE DRAWINGS ARE LIMITED TO IRC WALL BRACING

REQUIREMENTS ONLY

LEDGEND

- CS-WSP CONTINUOUS SHEATHING- WOOD STRUCTURAL PANEL (-LENGTH)
- CS-PF CONTINUOUS SHEATHED PORTAL FRAME
- ABW ALTERNATE BRACED WALL
- CB-1 36" (1 SIDE)
- CB-2 48" (2 SIDES)
- TIE DOWN DEVICE (- LBS)

R602.10.4 CONTINUOUS SHEATHING: BRACED WALL LINES WITH CONTINUOUS SHEATHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS SECTION. ALL BRACED WALL LINES ALONG EXTERIOR WALLS ON THE SAME STORY SHALL BE CONTINUOUSLY SHEATHED.



GARAGE FLOOR PLAN

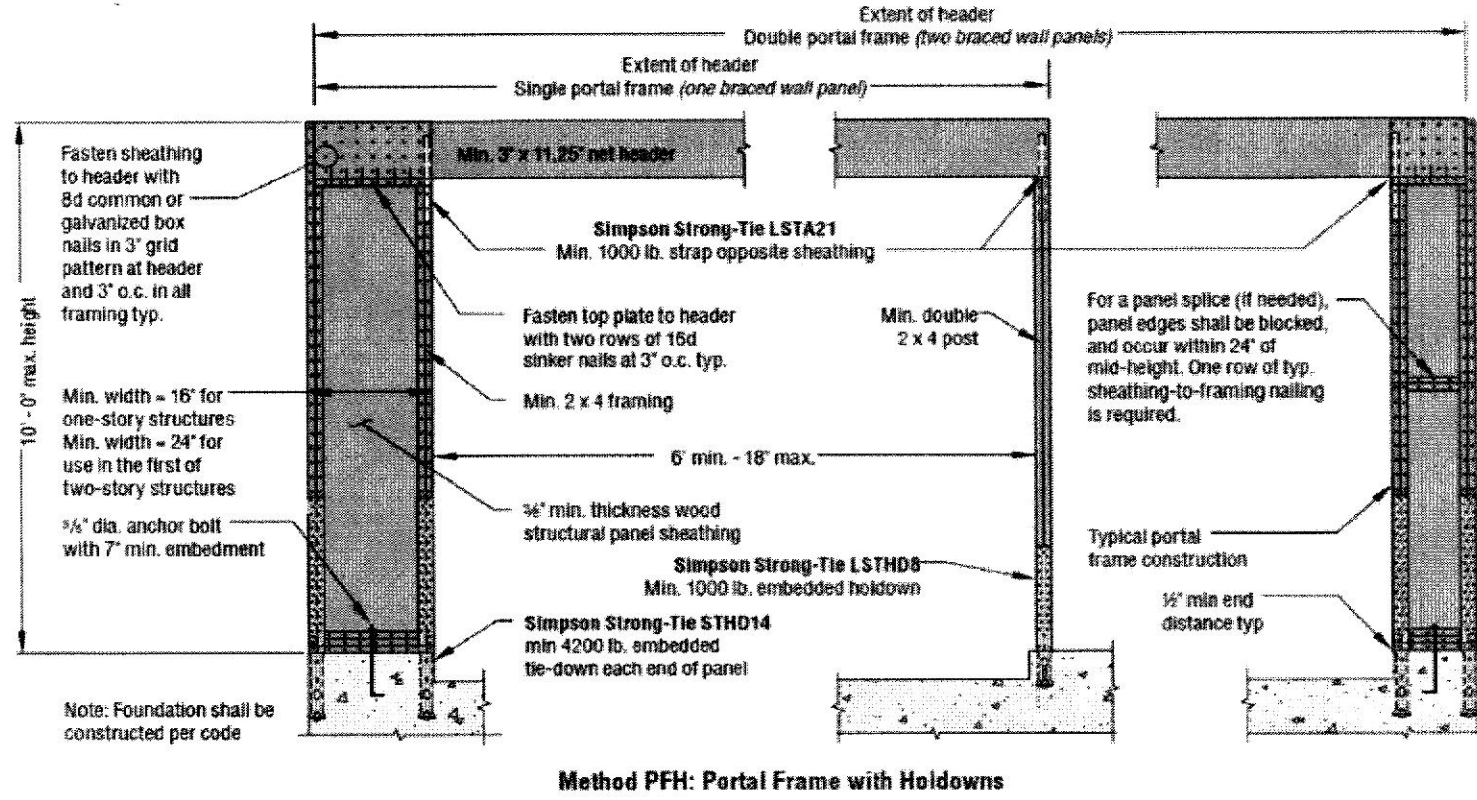
2ND FLOOR / LOW ROOF FRAMING

INSTALL MIN. SIMPSON H2.5A
HURRICANE TIES AT TRUSS BEARINGS

DOOR AND WINDOW CALL OUT LEGEND

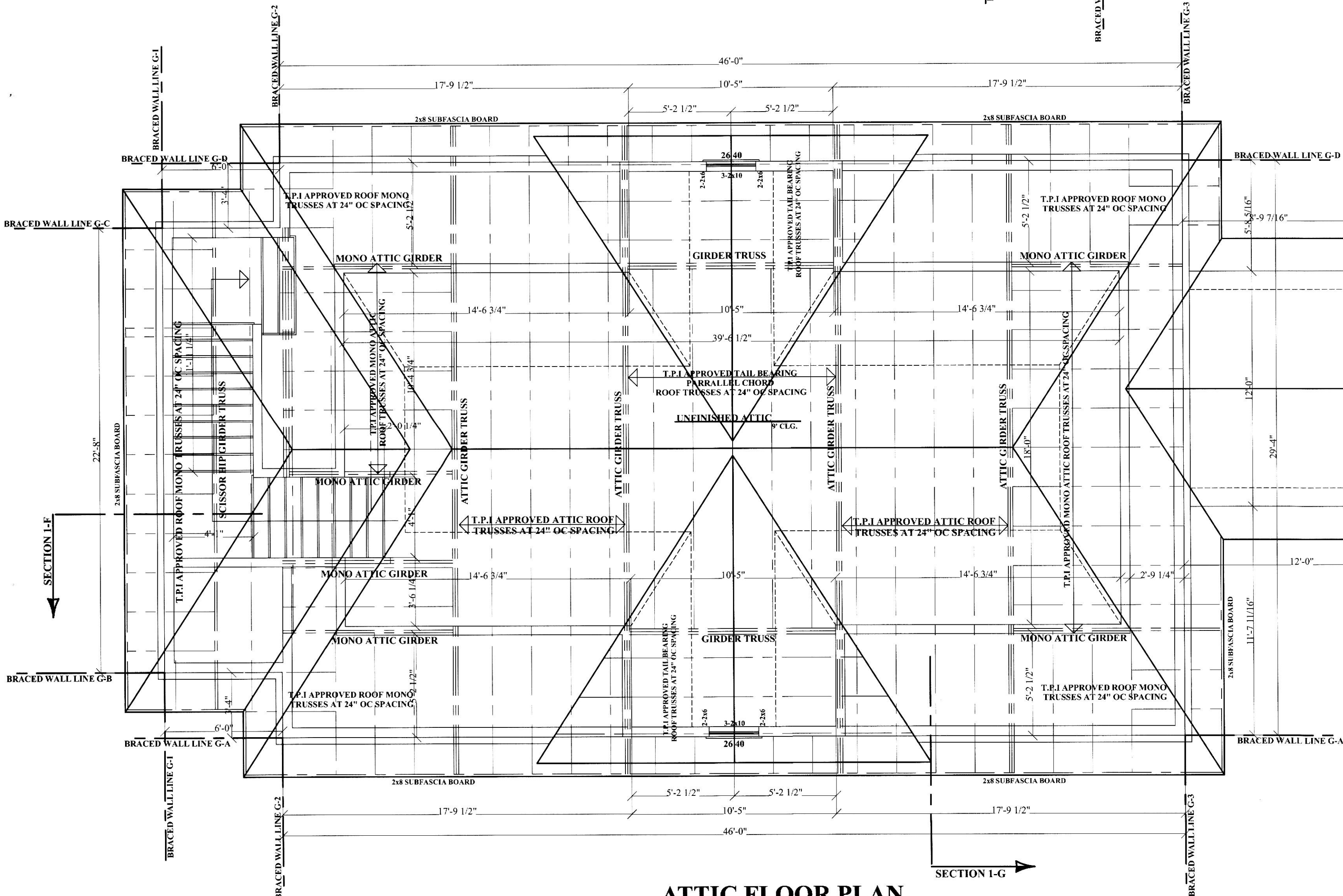
DOOR CALL OUT	WINDOW CALL OUT
30 68	28 54
3' 0" x 6' 8"	2' 8" x 5' 4"
UNIT SIZE	UNIT SIZE

SEE UNIT MANUFACTURE SPECS FOR ACTUAL ROUGH OPENING SIZES



GARAGE PORTAL WALL FRAME

NOT TO SCALE



ATTIC FLOOR PLAN

UPPER ROOF FRAMING

INSTALL MIN. SIMPSON H2.5A
HURRICANE TIES AT TRUSS BEARINGS



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 15453. EXPIRATION DATE: JULY 2, 2027

10/12/26 RB

RB Home Design
1419 CHESAPEAKE AVE MIDDLE RIVER MD 21220
RBHOMEDSIGN@HOTMAIL.COM
443-613-5115

LOOMIS RESIDENCE
218 LOCUST HILL DRIVE
CHURCHVILLE MD 21028

THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT SITE FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION OF THE WORK OF ALL TRADES

RB HOME DESIGN

DATE: 10/12/26

SCALE: 1/4" = 1'

DRAWN BY: RB

GARAGE FRAMING PLAN

SHEET NO.

S-5