WALL BRACING DESIGN INFO

LOCATION: HARFORD COUNTY, MARYLAND
SEISMIC CATEGORY: B
WIND SPEED: 115 MPH

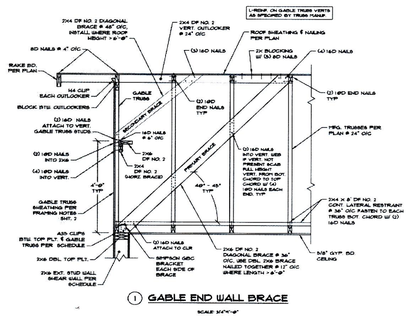
METHOD 3 (WOOD SHEATHING) / CONTINOUS SHEATHING
METHOD 5 (GYPSUM BOARD)

*THESES DRAWINGS ARE LIMITED TO IRC WALL BRACING REQUIRMENTS ONLY

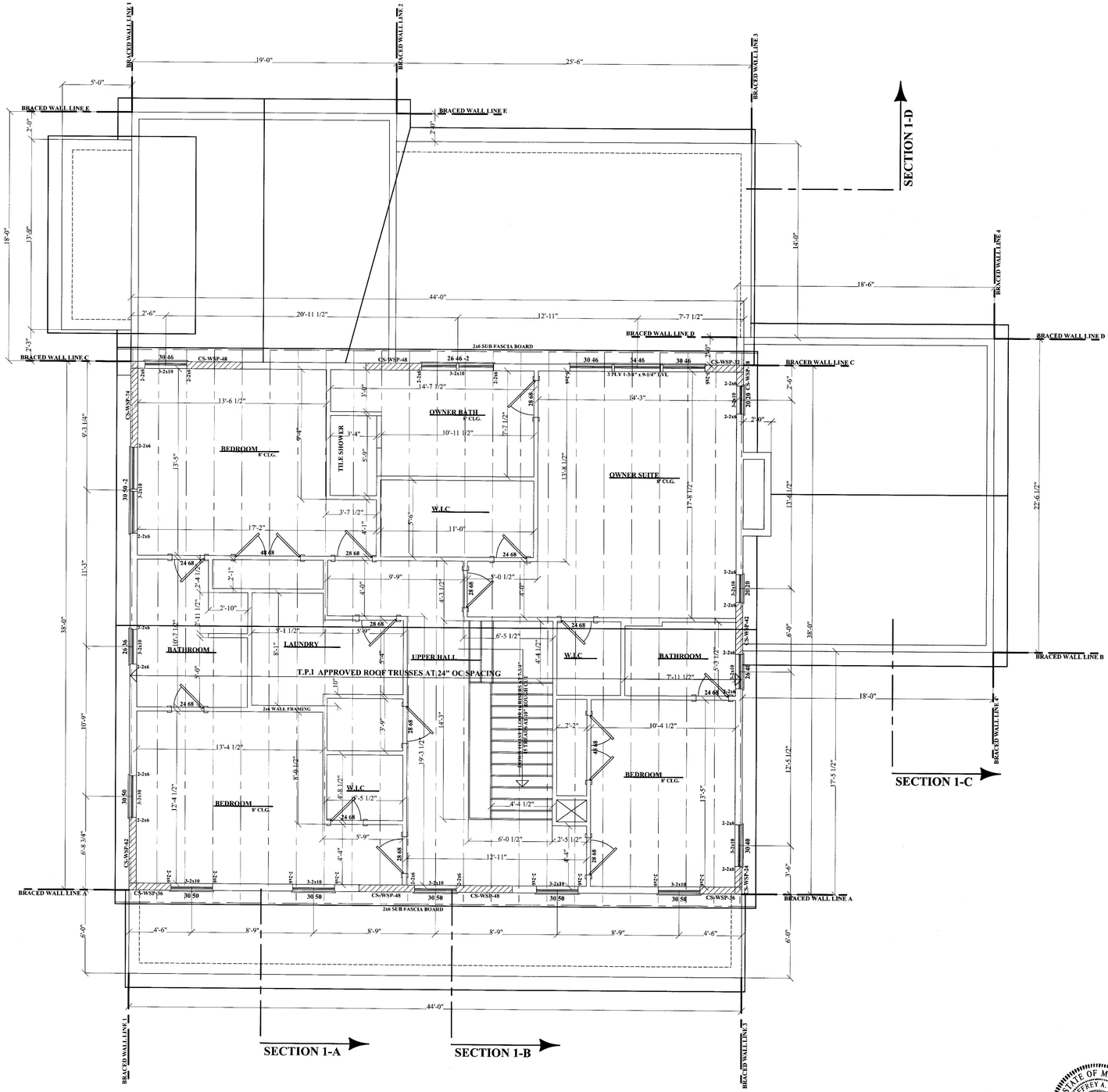
LEDGEND

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

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



① GABLE END WALL BRACE
SCALE: 3/4"=1'-0"



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)

BRACED WALL PLAN CONSTRUCTION

7/16" OSB WALL WOOD STRUCTRUAL PANEL SHEATHING ATTACHED TO FRAMING WITH 6d AT 6" OC AT PANEL EDGES, AND 12" OC AT INTERMEDIATE MEMBERS
2X6 WALL STUDS TO BE @ 16" OC DOUBLE 2X6 TOP PLATE W/ OVERLAPING CORNERS AND SIGLE 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 @ 16" OC W/ DOUBLE TOP PLATE
INTERIOR BEARING WALLS TO BE MIN. 2x4 @ 16" OC W/ DOUBLE TOP PLATE
INTERIOR NON BEARING WALLS TO BE 2x4 @ 16" OC W/ DOUBLE TOP PLATE

DOOR AND WINDOW CALL OUT LEDGEND

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

SEE UNIT MANUFACTURE SPECS FOR ACTUAL ROUGH OPENING SIZES

2ND FLOOR PLAN

ROOF FRAMING PLAN

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

8/12/25	RB
9/7/25	RB
10/10/25	RB
11/4/26	RB

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

ADAMS RESIDENCE
1839 TRAPPE CHURCH RD
DARLINGTON MD 21034

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: 11/4/26
SCALE: 1/4" = 1'
DRAWN BY: RB
2ND FLOOR FRAMING
SHEET NO.
S-3

STATE OF MARYLAND
GEOFFREY A. [illegible]
No. 15453
PROFESSIONAL ENGINEER

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