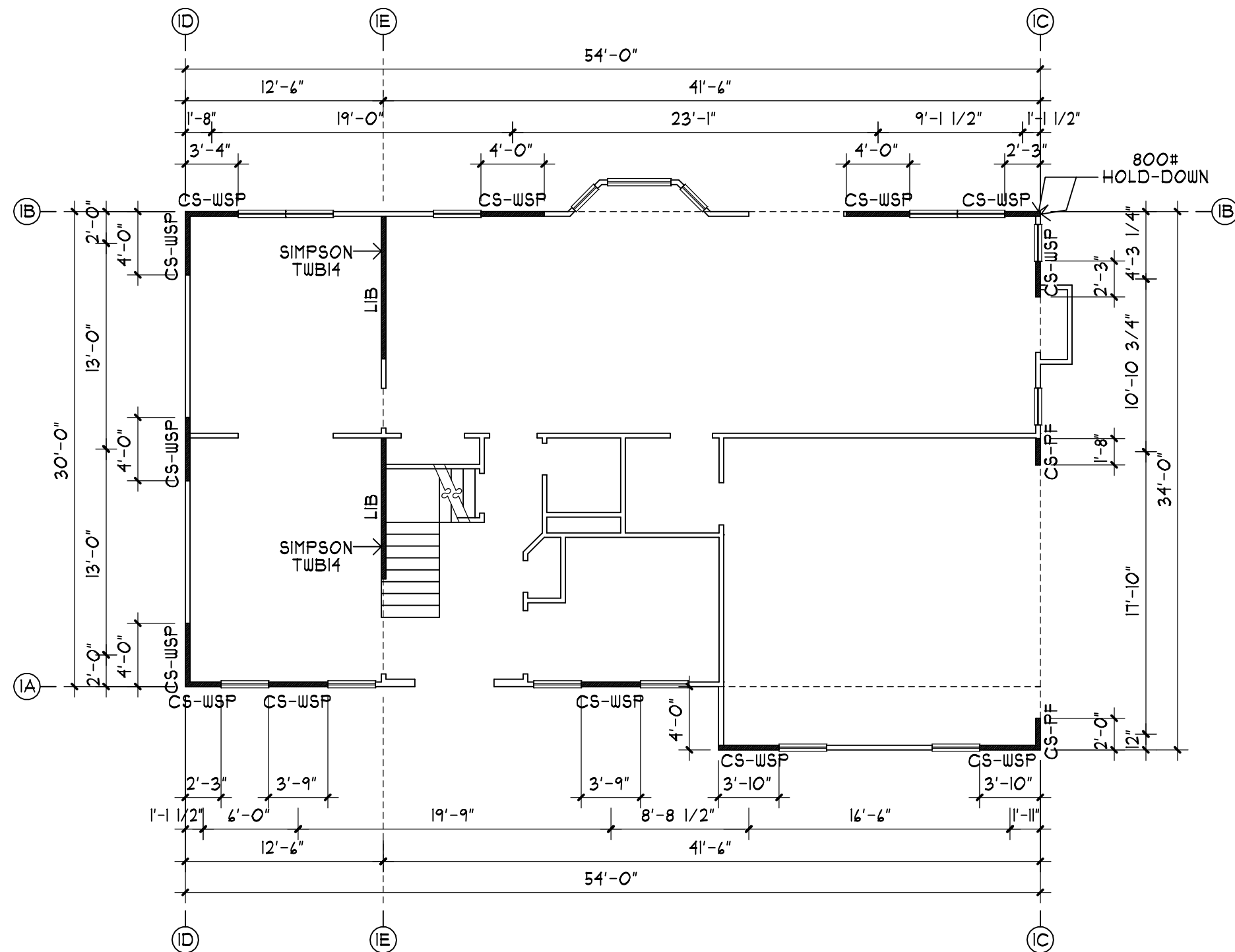
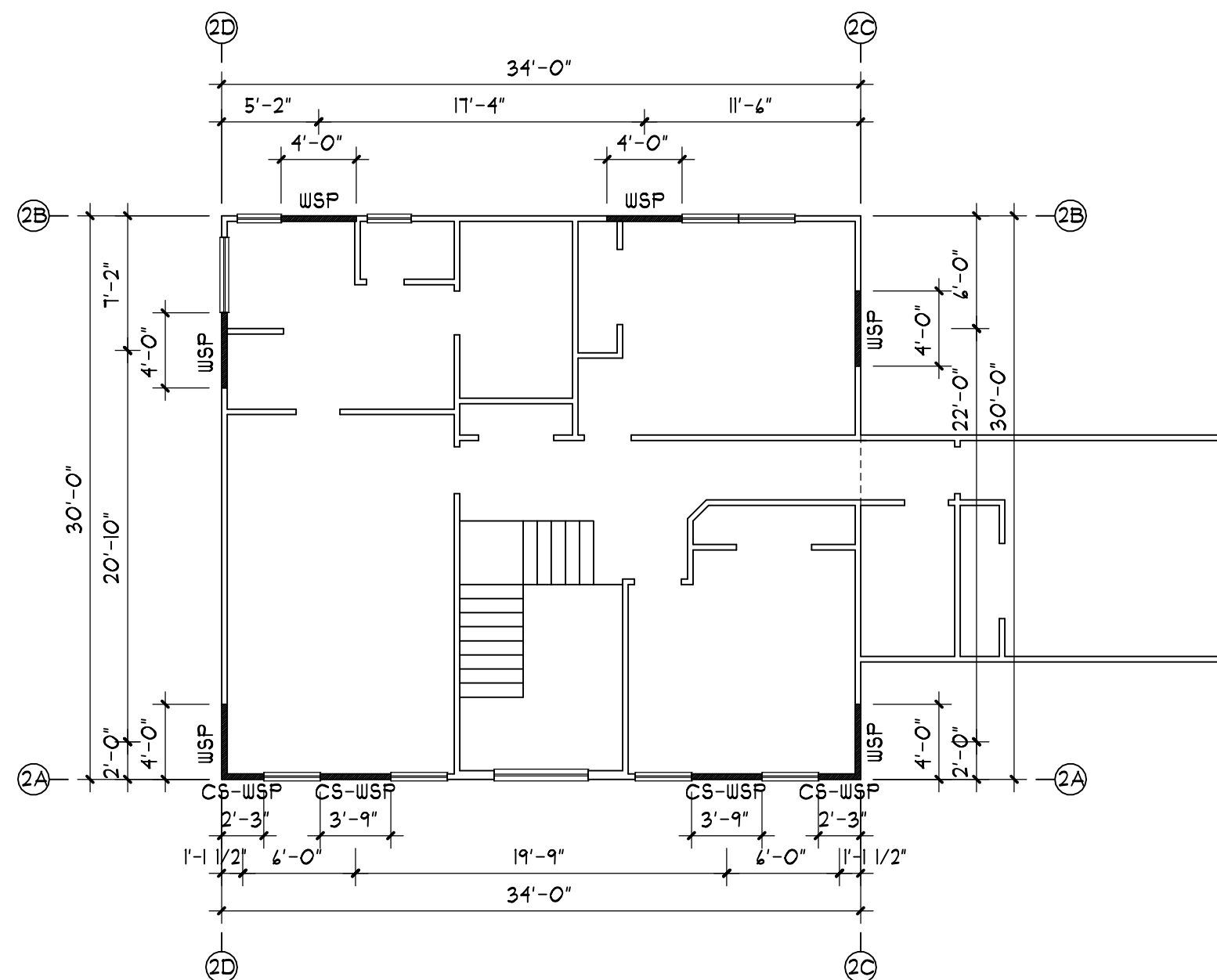


REVISIONS	BY



**FIRST FLOOR WALL BRACING**

—1/8"=1'-0"—



**SECOND FLOOR WALL BRACING**

—1/8"=1'-0"—

WALL BRACING DESIGN IS IN ACCORDANCE WITH 2004 VIRGINIA CONSTRUCTION CODE (PART I OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE) TABLES USED INCLUDE TABLE R602.10.1.5, TABLE R602.10.2.1, TABLE R602.10.3.1, FIGURE R602.10.3.1, TABLE R602.10.3.2

SEISMIC DESIGN CATEGORY A, B, OR WIND SPEED LESS THAN OR EQUAL TO 100 MPH FROM TABLE R602.10.1.5

BRACED WALL LINE	BRACING METHOD	FLOOR CONDITION	LOCATION/WALL HGT.	BRACED WALL LINE LENGTH (FT)	EFFECTIVE PANEL LENGTH PROVIDED (FT)	MINIMUM REQ'D. % OF WALL BRACING TABLE R602.10.1.5	% WALL BRACING PROVIDED	STATUS
1A	CS-WSP	1ST FL OF 2 STORY	FRONT WALL / 9'10"	54.0	11.42	23%	32.3%	OK
1B	CS-WSP	1ST FL OF 2 STORY	REAR WALL / 9'	54.0	13.58	23%	25.2%	OK
1C	CS-WSP/CS-PF	1ST FL OF 2 STORY	RIGHT WALL / 9'10"	34.0	5.92	16%	17.4%	OK
1D	CS-WSP	1ST FL OF 2 STORY	LEFT WALL / 9'	30.0	12.0	16%	40.0%	OK
1E	LIB	1ST FL OF 2 STORY	INTER. WALL / 9'	30.0	8.0 <sup>a</sup>	25%	26.7%	OK
2A	CS-WSP	2ND FL OF 2 STORY	FRONT WALL / 8'	34.0	12.0	16%	35.3%	OK
2B	WSP	2ND FL OF 2 STORY	REAR WALL / 8'	34.0	8.0	16%	23.5%	OK
2C	WSP	2ND FL OF 2 STORY	RIGHT WALL / 8'	30.0	8.0	16%	26.7%	OK
2D	WSP	2ND FL OF 2 STORY	LEFT WALL / 8'	30.0	8.0	16%	26.7%	OK

<sup>a</sup> LET-IN-BRACING USE (2) SIMPSON TWB14 @ 45 - 60 DEGREES = 8FT. EFFECTIVE BRACING

NOTE TO FRAMER:  
STRUCTURAL WALL PANEL SEGMENT NAILING PATTERN MUST BE 6D COMMON NAILS AT 4 INCH SPACING (PANEL EDGES) AND AT 12 INCH SPACING (INTERMEDIATE SUPPORTS) OR 1/4 GA. X 1-3/4" STAPLES AT 3 INCH SPACING (PANEL EDGES) AND 6 INCH SPACING (INTERMEDIATE SUPPORTS). NAILING PATTERN SHOULD BE VISIBLE TO FRAMING INSPECTOR.

DRAWN: M.J. CHECKED: W.H.

DATE: 6/24/09

SCALE: 1/8"=1'-0"

JOB NO.: 5290J

