Reviewed for Code Compliance
Approved as Noted
Approved with Conditions
11/15/17
Date:

1	NEH/PBS 3/27/17	TYPICAL RIDGE / COLLAR TIE DETAIL
SCALE: N.T.S.		

TABLE R602.3(1) FASTENING SCHEDULE

ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER [a,b,c]	SPACING AND LOCATION
		ROOF	
1	BLOCKING BETWEEN CEILING JOISTS OR RAFTERS TO TOP PLATE	4-8d BOX (2-1/2"x0.113") OR 3-8d COMMON (2-1/2"x0.131") OR 3-10d BOX (3"x0.128") OR 3-3"x0.131" NAILS	TOE NAIL
2	CEILING JOISTS TO TOP PLATE	4-8d BOX (2-1/2"x0.113") OR 3-8d COMMON (2-1/2"x0.131") OR 3-10d BOX (3"x0.128") OR 3-3"x0.131" NAILS	PER JOIST, TOE NAIL
3	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS {(SEE SECTIONS R802.3.1, R802.3.2 AND TABLE R802.5.1(9)}	4-10d BOX (3"x0.128") OR 3-16d COMMON (3-1/2"x0.162") OR 4-3"x0.131" NAILS	FACE NAIL
4	CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) {(SEE SECTIONS R802.3.1, R802.3.2 AND TABLE R802.5.1(9)}	TABLE R802.5.1(9)	FACE NAIL
5	COLLAR TIE TO RAFTER, FACE NAIL OR 1-1/4"x20GA. RIDGE STRAP TO RAFTER	4-10d BOX (3"x0.128") OR 3-10d COMMON (3"x0.148") OR 4-3"x0.131" NAILS	FACE NAIL EACH RAFTER
6	RAFTER OR ROOF TRUSS TO PLATE	3-16d BOX NAILS (3-1/2"x0.135") OR 3-10d COMMON NAILS (3"x0.148") OR 4-10d BOX (3"x0.128") OR 4-3"x0.131" NAILS	2 TOE NAILS ON ONE SIDE AND 1 TOE NAIL ON OPPOSITE SIDE OF EACH RAFTER OR TRUSS
7	ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS OR ROOF RAFTER TO MINIMUM 2" RIDGE BEAM	4-16d (3-1/2"x0.135") OR 3-10d COMMON NAILS (3-1/2"x0.148") OR 4-10d BOX (3"x0.128") OR 4-3"x0.131" NAILS	TOE NAIL
		3-16d BOX (3-1/2"x0.135") OR 2-16d COMMON (3-1/2"x0.162") OR 3-10d BOX (3"x0.128") OR 3-3"x0.131" NAILS	END NAIL
		WALL	
8	STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3-1/2"x0.162")	24" O.C. FACE NAIL
		10d BOX (3"x0.128") OR 3"x0.131" NAILS	16" O.C. FACE NAIL
9	STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d BOX (3-1/2"x0.135") OR 3"x0.131" NAILS	12" O.C. FACE NAIL
		16d COMMON (3-1/2"x0.162")	16" O.C. FACE NAIL
10	BUILT-UP HEADER (2" TO 2" HEADER WITH 1/2" SPACER)	16d COMMON (3-1/2"x0.162")	16" O.C. EACH EDGE FACE NAIL
		16d BOX (3-1/2"x0.135")	12" O.C.EACH EDGE FACE NAIL
11	CONTINUOUS HEADER TO STUD	5-8d BOX (2-1/2"x0.113") OR 4-8d COMMON (2-1/2"x0.131") OR 4-10d BOX (3"x0.128")	TOE NAIL
12	TOP PLATE TO TOP PLATE	16d COMMON (3-1/2"x0.162")	16" O.C. FACE NAIL
		10d BOX (3"x0.128") OR 3"x0.131" NAILS	12" O.C. FACE NAIL
13	DOUBLE TOP PLATE SPLICE FOR SDCs A-D_2 WITH SEISMIC BRACED WALL LINE SPACING < 25'	8-16d COMMON (3-1/2"x0.162") OR 12-6d BOX (3-1/2"x0.135") OR 12-10d BOX (3"x0.128") OR 12-3"x0.131" NAILS	FACE NAIL ON EACH SIDE OF END JOINT (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
	DOUBLE TOP PLATE SPLICE SDCs D_0, D_1 OR D_2; AND BRACED WALL LINE SPACING ≥ 25'	12-16d (3-1/2"x0.135")	

Builder to check appropriate box, sign, date, and return to NEH. Plans not checked, signed, and dated will be returned to Builder and subject to removal from Production Scheduling.

PERMIT PLANS

I HAVE REVIEWED THESE PLANS FOR ACCURACY AND HEREBY AUTHORIZE N.E.H. TO DO THE FOLLOWING;

- ☐ THERE ARE NO CHANGES TO THIS PLAN, RELEASE THE JOB FOR PRODUCTION.
- ☐ REVISE THE PLANS AS NOTED AND RELEASE THESE PLANS FOR PRODUCTION.
- ☐ REVISE THESE PLANS AS NOTED AND SEND ME ANOTHER SET OF PERMIT PLANS TO REVIEW.

Signature | Date

NEW ENGLAND HOMES INDEPENDENT BUILDERS DULY AUTHORIZED AGENT PER CONTRACT AGREEMENT

NOTE: ANY & ALL Material shipped loose for the site completion of the manufactured product is ULTIMATELY the SOLE RESPONSIBILITY OF THE BUILDER LISTED BELOW to install and finish.

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CMH, INC

Structure Date: COLONIAL

Scale: N.T.S.

SECTION DETAILS

Drawn: 3/30/17 JMB

Revisions	
9/24/17	RTA
4/3/17	RTA
4/14/17	RTA
6/3/17	RTA
6/31/17	RTA
7/25/17	RTA

Revision: 1

Sheet: **A-402**

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