

TCR

TRAMMELL CROW RESIDENTIAL

The Vaux

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From:

Company:

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Date: 4/21/2007

Re: Unit 335 Structural information.

CC:

Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

● **Comments:**

Enclosed is structural information for the Vaux Unit 335. This info basically states that you have 18 ga metal studs at 24" o.c. at the interior wall in question. Most experienced installers would have no trouble with this system. I hope this information helps.

Please refer to the contact numbers in your owner manual for any additional questions regarding your unit.

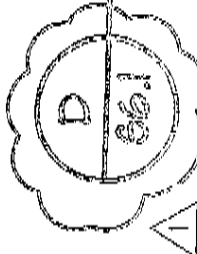
Thank you.

SHEARWALL SCHEDULE

TRACK	SHEATHING PANELS	STUD & TRACK MIN. THICKNESS (MILS)	PANEL FASTENERS ⁴		TRACK FASTENING ⁶	CONCRETE ANCHOR SPACING ⁵	CAPACITY (PLF)
			EDGE ³ (PER)	INTERMEDIATE SUPPORT			
A	SURE-BOARD 200 SERIES STRUCT PANELS ²	43	#8 @ 6"oc	#8 @ 12"oc	2 ROWS 1/4" @ 12"oc	@ 48"oc	5621
B	SURE-BOARD 200 SERIES STRUCT PANELS ²	43	#8 @ 4"oc	#8 @ 12"oc	2 ROWS 1/4" @ 9"oc	@ 48"oc	1101
C	SURE-BOARD 100 SERIES STRUCT PANELS ²	43	#8 @ 3"oc	#8 @ 12"oc	2 ROWS 1/4" @ 8"oc	@ 48"oc	8581
D	SURE-BOARD 100 SERIES STRUCT PANELS ²	43	#8 @ 2"oc	#8 @ 12"oc	2 ROWS 1/4" @ 7"oc	@ 48"oc	9441
E	SURE-BOARD 200 SERIES STRUCT PANELS ²	54	#8 @ 3"oc	#8 @ 12"oc	3 ROWS 1/4" @ 8"oc	@ 48"oc	11581
F	SURE-BOARD 200 SERIES STRUCT PANELS ²	54	#8 @ 2"oc	#8 @ 12"oc	3 ROWS 1/4" @ 7"oc	@ 48"oc	13841

NOTES:

1. CAPACITY VARIES WITH STUD BASE METAL GAGE.
2. PLACE WITH LONG DIMENSION PARALLEL TO STUD FRAMING. THE STEEL FACE MUST BE IN CONTACT WITH THE FRAMING. ALL PANEL EDGES MUST BE FULLY BLOCKED BY FRAMING STUDS AND ARE DOUBLED (BACK TO BACK) AT SHEAR WALL ENDS, MINIMUM, SEE A/S1.4. CONNECT DOUBLE STUDS FULL HT WITH 2-#8 SCREWS AT TWICE THE SPACING PER THE "EDGE" FASTENING IN THE SCHEDULE.
3. PROVIDE EDGE FASTENING AT ALL END STUDS, SILL TRACK, AND TOP TRACK.
4. SURE-BOARD SCREW HEADS MUST BE FLUSH WITH THE PANEL SURFACE AND PENETRATE INTO THE COLD FORMED STEEL FRAMING MEMBER BY AT LEAST 3 EXPOSED THREADS. MINIMUM EDGE DISTANCE IS 3/8"
5. SEE 1/56.2 FOR SHEARWALL BOT PLATE ANCHORS @ CONC SLAB.
6. USE GRABBER SCREWS ICBO ER5280
7. PRE-DRILL HOLES IN TOP TRACK AS REQ'D FOR SCREW TO RUN CONTINUOUS FROM TOP TRACK THRU PLYWOOD INTO BOTTOM TRACK.
8. STUD AND TRACK THICKNESS TO BE THE GREATER OF SHEARWALL SCHEDULE OR STUD WALL SCHEDULE. (SEE A/S1.4)



SHEARWALL SCHEDULE

WALL STUD SCHEDULE					
LEVEL	EXTERIOR WALLS		CORRIDOR WALLS	INTERIOR BEARING WALLS	
	EW-1	EW-2	CW-1	BU-1	BU-2
ROOF TO 4TH FLR	5 1/2" 18 GA EESI STUDS @ 24"oc	5 1/2" 18 GA EESI STUDS @ 24"oc	600S162-43 @ 24"oc	600S162-43 @ 24"oc	600S162-54 @ 24"oc
4TH FLR TO 3RD FLR	5 1/2" 18 GA EESI STUDS @ 24"oc	5 1/2" 18 GA EESI STUDS @ 24"oc	600S162-54 @ 24"oc	600S162-43 @ 24"oc	600S162-54 @ 24"oc
3RD FLR TO 2ND FLR	5 1/2" 18 GA EESI STUDS @ 24"oc	5 1/2" 18 GA EESI STUDS @ 24"oc	600S162-68 @ 24"oc	600S162-54 @ 24"oc	600S162-68 @ 24"oc
2ND FLR TO GROUND FLR	5 1/2" 18 GA EESI STUDS @ 24"oc	DBL - 5 1/2" 18 GA EESI STUDS @ 24"oc	600S162-68 @ 24"oc	600S162-68 @ 24"oc	DOUBLE 600S162-54 @ 24"oc

NOTE:

1. PROVIDE STRAP BRACING FOR STUDS AT THIRD POINTS EA FLANGE PER A/S62.
2. EESI-STUDS TO BE SUPPLIED BY TRI-CHORD STEEL SYSTEMS, INC.
3. EXTERIOR WALLS ARE TYPE EW-1 UNO.
4. CORRIDOR WALLS ARE TYPE CW-1 UNO.
5. INTERIOR BEARING WALLS ARE TYPE BU-1 UNO.
6. TRACK TO MATCH STUD GAUGE OR 18 GAUGE MINIMUM, USE WHICHEVER RESULTS IN THE GREATER THICKNESS.
 INTERIOR & CORRIDOR WALL = 600T200x AS REQ'D
 EXTERIOR WALL 550T200x AS REQ'D
7. STUDS & SHEARWALLS MUST ALSO MEET THE REQUIREMENTS OF THE SHEARWALL SCHEDULE. SEE D/S61.
8. STUDS TO ALIGN DIRECTLY ABOVE EACH OTHER FLOOR TO FLOOR (14 GA TRACK OK - E)

A WALL STUD SCHEDULE

