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SLIDELL, LA
70460

FRAMING NOTES
& DETAILS

REV:
SCALE AS NOTED
JOB#: 1991
DATE: XX-XX-08
SHEET

A-6

OF

UPLIFT CONNECTIONS-130MPH WINDS EXP. "B"				
CONNECTION	FRAMING SPACING (in.)	ROOF SPAN (ft.)	U	L
ROOF ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386	246
WALL ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386	246
WALL ASSEMBLY TO FOUNDATION	16" O.C.	17	170	185

THERMAL COMPONENT CRITERIA (U-FACTOR AND R-VALUE)

MINIMUM INSULATION R-VALUE				
MAX. GLAZING U-FACTOR	CEILING WALLS	FLOORS	BASEMENT WALLS	CREAM SPACE WALLS
.75	R-8	R-13	R-11	R-6

WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS

FASTENER TYPE	FASTENER SPACING		
	4 FOOT PANEL SPAN	4 FOOT PANEL SPAN	6 FOOT PANEL SPAN
2-1/2" x 6" WOOD SCREWS	16"	12"	9"
2-1/2" x 8" WOOD SCREWS	16"	12"	12"

NOTE: WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE SHALL BE USED FOR ALL EXPOSED ROOF AND WALL PANELS. FASTENERS SHALL BE PERMITTED FOR MINIMUM THICKNESS OF 7/16" AND MAXIMUM THICKNESS OF 1/2". FASTENERS SHALL BE PERMITTED TO COVER THE EXPOSED SURFACE WITH APPROVED HARDWARE PROVIDED.

HEADER NAILING SCHEDULE				
DESCRIPTION	NUM. OF COM. NAILS	NUM. OF BOX NAILS	SPACING	
HEAD TO HEAD (FASTENED)	8d	10d	6" O.C. EXPOSED	12" O.C. HIDE

NOTE: ALL DIMENSIONS SHALL HAVE SOLID BLOCKING.

JACK STUD REQUIREMENTS-FOR INTERIOR LOADBEARING WALLS

HEADER SPAN (ft.)	ROOF SPAN (ft.)				
	12 FEET	5'	6.5'	8'	9.5'
2	1	1	1	1	1
4	1	1	1	1	1
6	1	1	1	1	1
8	1	1	1	1	1
10	1	1	1	1	1
12	1	1	1	1	1
14	2	1	1	1	1
16	2	1	1	1	1
18	2	1	1	1	1
20	2	1	1	1	1
22	2	1	1	1	1
24	2	1	1	1	1
26	2	1	1	1	1
28	2	1	1	1	1
30	2	1	1	1	1
32	2	1	1	1	1
34	2	1	1	1	1
36	2	1	1	1	1
38	2	1	1	1	1
40	2	1	1	1	1
42	2	1	1	1	1
44	2	1	1	1	1
46	2	1	1	1	1
48	2	1	1	1	1
50	2	1	1	1	1
52	2	1	1	1	1
54	2	1	1	1	1
56	2	1	1	1	1
58	2	1	1	1	1
60	2	1	1	1	1
62	2	1	1	1	1
64	2	1	1	1	1
66	2	1	1	1	1
68	2	1	1	1	1
70	2	1	1	1	1
72	2	1	1	1	1
74	2	1	1	1	1
76	2	1	1	1	1
78	2	1	1	1	1
80	2	1	1	1	1
82	2	1	1	1	1
84	2	1	1	1	1
86	2	1	1	1	1
88	2	1	1	1	1
90	2	1	1	1	1
92	2	1	1	1	1
94	2	1	1	1	1
96	2	1	1	1	1
98	2	1	1	1	1
100	2	1	1	1	1
102	2	1	1	1	1
104	2	1	1	1	1
106	2	1	1	1	1
108	2	1	1	1	1
110	2	1	1	1	1
112	2	1	1	1	1
114	2	1	1	1	1
116	2	1	1	1	1
118	2	1	1	1	1
120	2	1	1	1	1
122	2	1	1	1	1
124	2	1	1	1	1
126	2	1	1	1	1
128	2	1	1	1	1
130	2	1	1	1	1

SILL OF BOTTOM PLATE TO FND. CONNECTIONS RESISTING UPLIFT LOADS-130MPH WINDS EXP. "B"

BOTTOM PLATE TO END ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	MAX. ANCHOR BOLT SPACING (in.)				
	FOUNDATION SUPPORTING	8' END ZONES	INTERIOR ZONES		
1-3 STORIES	29	29	33		

SILL OF BOTTOM PLATE TO FND. CONNECTIONS RESISTING SHEAR LOADS-130MPH WINDS EXP. "B"

BOTTOM PLATE TO END ANCHOR BOLT CONNECTION RESISTING SHEAR LOADS	MAX. ANCHOR BOLT SPACING (in.)				
	FOUNDATION SUPPORTING	1/2" ANCH. BOLTS	5/8" ANCH. BOLTS		
1-3 STORIES	30	30	45		

ROOF SHEATH. OR CLAD. REQ. FOR WIND LOAD-EXP. B				
SHEATHING LOCATION	RAFTER/ TRUSS SPAC.	MAX. WALL SPAC. FOR BD BOX (INCHES O.C.)	E	F
INTERIOR ZONE	12" O.C.	12	6	12
	16" O.C.	6	6	12
	24" O.C.	6	6	12
PERIMETER EDGE ZONE	16" O.C.	6	6	12
	24" O.C.	6	6	12

HEADER SPANS-FOR INT. LOADBEARING WALLS

HEADER SUPPORTING	BLDG. WIDTH (ft.)		
	12	24	36
2x8 S	4.2	3.1	2.6
2x8 MS	6.5	5.0	4.8
2x8 S	8.1	5.9	4.8
2x10 S	11.1	7.0	5.9
2x12 S	14.6	8.1	6.7
2x14 S	19.2	7.2	5.1
2x16 S	24.0	8.9	7.2
2x18 S	29.4	10.2	8.3
2x20 S	35.4	11.9	9.7
2x22 S	42.0	13.7	11.4
2x24 S	49.2	15.6	13.2
2x26 S	57.0	17.7	15.1
2x28 S	65.4	19.9	17.1
2x30 S	74.4	22.3	19.2
2x32 S	84.0	24.9	21.4
2x34 S	94.2	27.6	23.7
2x36 S	105.0	30.4	26.1
2x38 S	116.4	33.3	28.6
2x40 S	128.4	36.3	31.1
2x42 S	141.0	39.4	33.7
2x44 S	154.2	42.6	36.3
2x46 S	168.0	45.9	39.0
2x48 S	182.4	49.3	41.7
2x50 S	197.4	52.8	44.4
2x52 S	213.0	56.4	47.1
2x54 S	229.2	60.0	49.8
2x56 S	246.0	63.7	52.5
2x58 S	263.4	67.5	55.2
2x60 S	281.4	71.3	57.9
2x62 S	300.0	75.2	60.6
2x64 S	319.2	79.1	63.3
2x66 S	339.0	83.1	66.0
2x68 S	359.4	87.1	68.7
2x70 S	380.4	91.2	71.4
2x72 S	402.0	95.3	74.1
2x74 S	424.2	99.5	76.8
2x76 S	447.0	103.7	79.5
2x78 S	470.4	108.0	82.2
2x80 S	494.4	112.3	84.9
2x82 S	519.0	116.7	87.6
2x84 S	544.2	121.1	90.3
2x86 S	570.0	125.6	93.0
2x88 S	596.4	130.1	95.7
2x90 S	623.4	134.7	98.4
2x92 S	651.0	139.3	101.1
2x94 S	679.2	144.0	103.8
2x96 S	708.0	148.7	106.5
2x98 S	737.4	153.5	109.2
2x100 S	767.4	158.3	111.9
2x102 S	798.0	163.2	114.6
2x104 S	829.2	168.1	117.3
2x106 S	861.0	173.1	120.0
2x108 S	893.4	178.1	122.7
2x110 S	926.4	183.2	125.4
2x112 S	960.0	188.3	128.1
2x114 S	994.2	193.5	130.8
2x116 S	1029.0	198.7	133.5
2x118 S	1064.4	204.0	136.2
2x120 S	1100.4	209.3	138.9

HEADER SPANS-FOR EXT. LOADBEARING WALLS				
HEADER SIZE	SPAN	NO. FULL HGT. STUDS	REQ. AT EA. END	
4x7	5-6	2		
4x8	6-8	3		
4x10	8-11	3		
4x12	10-14	3		
4x14	12-16	3		
4x16	14-18	3		
4x18	16-21	3		
4x20	18-24	3		
4x22	20-27	3		
4x24	22-30	3		
4x26	24-33	3		
4x28	26-36	3		
4x30	28-39	3		
4x32	30-42	3		
4x34	32-45	3		
4x36	34-48	3		
4x38	36-51	3		
4x40	38-54	3		
4x42	40-57	3		
4x44	42-60	3		
4x46	44-63	3		
4x48	46-66	3		
4x50	48-69	3		
4x52	50-72	3		
4x54	52-75	3		
4x56	54-78	3		
4x58	56-81	3		
4x60	58-84	3		
4x62	60-87	3		
4x64	62-90	3		
4x66	64-93	3		
4x68	66-96	3		
4x70	68-99	3		
4x72	70-102	3		
4x74	72-105	3		
4x76	74-108	3		
4x78	76-111	3		
4x80	78-114	3		
4x82	80-117	3		
4x84	82-120	3		
4x86	84-123	3		
4x88	86-126	3		
4x90	88-129	3		
4x92	90-132	3		
4x94	92-135	3		
4x96	94-138	3		
4x98	96-141	3		
4x100	98-144	3		
4x102	100-147	3		
4x104	102-150	3		
4x106	104-153	3		
4x108	106-156	3		
4x110	108-159	3		
4x112	110-162	3		
4x114	112-165	3		
4x116	114-168	3		
4x118	116-171	3		
4x120	118-174	3		
4x122	120-177	3		
4x124	122-180	3		
4x126	124-183	3		
4x128	126-18			