

MARK	DESCRIPTION	SHEAR PLATES TO BULK. #/FT. NAILING REQ.
1	NOT USED	
2	1/2" IRWALL WITH 54 COOLER NAILS @ 7" O.C. EDGES & FIELD (TABLE 2306.4.5 2007 CBS)	164 @ 12" ON CENTER OR 163 @ 40" ON CENTER OR 164 @ 12" ON CENTER OR 163 @ 40" ON CENTER
3	5/8" DRWALL WITH 64 COOLER NAILS @ 7" O.C. EDGES & FIELD (TABLE 2306.4.5 2007 CBS)	145 @ 12" ON CENTER OR 144 @ 40" ON CENTER OR 145 @ 12" ON CENTER OR 144 @ 40" ON CENTER
4	5/8" DRWALL BOICED WITH 54 COOLER NAILS @ 7" O.C. EDGES & FIELD (TABLE 2306.4.5 2007 CBS)	150 @ 12" ON CENTER OR 149 @ 40" ON CENTER OR 150 @ 12" ON CENTER OR 149 @ 40" ON CENTER
5	1/2" DRWALL BOICED WITH 54 COOLER NAILS @ 7" O.C. EDGES & FIELD (TABLE 2306.4.5 2007 CBS)	150 @ 12" ON CENTER OR 149 @ 40" ON CENTER OR 150 @ 12" ON CENTER OR 149 @ 40" ON CENTER
6	5/8" DRWALL BOICED WITH 64 COOLER NAILS @ 7" O.C. EDGES & FIELD (TABLE 2306.4.5 2007 CBS)	164 @ 12" ON CENTER OR 163 @ 40" ON CENTER OR 164 @ 12" ON CENTER OR 163 @ 40" ON CENTER
7	7/8" STUDS OVER PAPER SHEATHED LTH W/16 RAUGE SHEAR WALL & ON FIELD (TABLE 2306.4.5 2007 CBS)	180 @ 12" ON CENTER OR 179 @ 40" ON CENTER
8	NOT USED	
9	3/8" STRUCTURAL I PLYWOOD WITH 64 NAILS @ 6" O.C. AT EDGES & 12" O.C. FIELD (TABLE 2306.4.1 2007 CBS) W/ 2x FRAMING	280 @ 12" ON CENTER OR 279 @ 40" ON CENTER
10	3/8" STRUCTURAL I PLYWOOD WITH 64 NAILS @ 6" O.C. AT EDGES & 12" O.C. FIELD (TABLE 2306.4.1 2007 CBS) W/ 2x FRAMING	430 @ 12" ON CENTER OR 429 @ 40" ON CENTER
11	5/8" STRUCTURAL I PLYWOOD WITH 64 NAILS @ 6" O.C. AT EDGES & 12" O.C. FIELD (TABLE 2306.4.1 2007 CBS) W/ 2x FRAMING	550 @ 12" ON CENTER OR 549 @ 40" ON CENTER
12	1/2" STRUCTURAL I PLYWOOD WITH 104 NAILS @ 5" O.C. AT EDGES & 12" O.C. FIELD (TABLE 2306.4.1 2007 CBS) W/ 2x FRAMING	655 @ 12" ON CENTER OR 654 @ 40" ON CENTER
13	1/2" STRUCTURAL I PLYWOOD WITH 104 NAILS @ 5" O.C. AT EDGES & 12" O.C. FIELD (TABLE 2306.4.1 2007 CBS) W/ 2x FRAMING	870 @ 12" ON CENTER OR 869 @ 40" ON CENTER

FLOOR DIAPHRAGM SCHEDULE

MARK	DESCRIPTION	SHEAR
FLOOR-1	3/4" T&G OSB/OSB PLYWOOD (UNBOICED) W/104 NAILS @ 6" x 6" & 1/2" O.C. AT BOUNDARY, EDGE AND FIELD RESPECTIVELY (ALL CASES)	215
FLOOR-2	3/4" T&G OSB/OSB PLYWOOD (UNBOICED) W/104 NAILS @ 6" x 6" & 1/2" O.C. AT BOUNDARY, EDGE AND FIELD RESPECTIVELY (CASE 1)	285
FLOOR-3	1/2" OSB/OSB PLYWOOD BOICED W/104 NAILS @ 6" x 6" & 1/2" O.C. AT BOUNDARY, EDGE AND FIELD RESPECTIVELY (CASE 1)	425
FLOOR-4	2x8 PLYWOOD (UNBOICED) W/104 NAILS @ 6" x 6" & 1/2" O.C. AT BOUNDARY, EDGE AND FIELD RESPECTIVELY (CASE 1)	

TRIMMER & KING POST SCHEDULE

HEADER/TRIMMER/BEAM	HEADER/BEAM	TRIMMER/POST
4x4	6x6	6x6
4x6	6x8	6x8
4x8	6x10	6x10
4x10	6x12	6x12
4x12	6x14	6x14
4x14	6x16	6x16
4x16	6x18	6x18
4x18	6x20	6x20
4x20	6x22	6x22
4x22	6x24	6x24
4x24	6x26	6x26
4x26	6x28	6x28
4x28	6x30	6x30
4x30	6x32	6x32
4x32	6x34	6x34
4x34	6x36	6x36
4x36	6x38	6x38
4x38	6x40	6x40
4x40	6x42	6x42
4x42	6x44	6x44
4x44	6x46	6x46
4x46	6x48	6x48
4x48	6x50	6x50
4x50	6x52	6x52
4x52	6x54	6x54
4x54	6x56	6x56
4x56	6x58	6x58
4x58	6x60	6x60
4x60	6x62	6x62
4x62	6x64	6x64
4x64	6x66	6x66
4x66	6x68	6x68
4x68	6x70	6x70
4x70	6x72	6x72
4x72	6x74	6x74
4x74	6x76	6x76
4x76	6x78	6x78
4x78	6x80	6x80
4x80	6x82	6x82
4x82	6x84	6x84
4x84	6x86	6x86
4x86	6x88	6x88
4x88	6x90	6x90
4x90	6x92	6x92
4x92	6x94	6x94
4x94	6x96	6x96
4x96	6x98	6x98
4x98	6x100	6x100

DOUGLAS FIR-KING STUD TABLE

INTERIOR WALLS OPENINGS TO:	WALL HEIGHT TO TOP FLUTE	WALL HEIGHT TO TOP FLUTE	WALL HEIGHT TO TOP FLUTE
4'-0"	8'-0"	12'-0"	16'-0"
4'-0"	8'-0"	12'-0"	20'-0"
4'-0"	8'-0"	12'-0"	24'-0"
4'-0"	8'-0"	12'-0"	28'-0"
4'-0"	8'-0"	12'-0"	32'-0"
4'-0"	8'-0"	12'-0"	36'-0"
4'-0"	8'-0"	12'-0"	40'-0"
4'-0"	8'-0"	12'-0"	44'-0"
4'-0"	8'-0"	12'-0"	48'-0"
4'-0"	8'-0"	12'-0"	52'-0"
4'-0"	8'-0"	12'-0"	56'-0"
4'-0"	8'-0"	12'-0"	60'-0"
4'-0"	8'-0"	12'-0"	64'-0"
4'-0"	8'-0"	12'-0"	68'-0"
4'-0"	8'-0"	12'-0"	72'-0"
4'-0"	8'-0"	12'-0"	76'-0"
4'-0"	8'-0"	12'-0"	80'-0"
4'-0"	8'-0"	12'-0"	84'-0"
4'-0"	8'-0"	12'-0"	88'-0"
4'-0"	8'-0"	12'-0"	92'-0"
4'-0"	8'-0"	12'-0"	96'-0"
4'-0"	8'-0"	12'-0"	100'-0"

HEADER SCHED.

NAME	SIZE	CAMB.	NAME	SIZE	CAMB.	NAME	SIZE
H-1	6x8 DF#1	---	BM-5	6x8 DF#1	---	C1	HSS 6X6X3/8"
H-2	6x8 DF#1	---	BM-6	6x10 DF#1	---	C2	HSS 7X5X1/2"
H-3	6x8 DF#1	---	BM-7	5-1/8x12 GLB	1/2"	C3	HSS 5X5X3/8"
H-4	6x8 DF#1	---	BM-8	W10x45	---	C4	HSS 7X5X3/8"
H-5	W10x22	---	BM-9	W10x45	---	C5	HSS 6X6X1/2"
H-6	6x12 DF#1	---	BM-10	6x12 DF#1	---	C6	HSS 6X6X3/8"
H-7	5-1/8x12 GLB	1/2"	BM-11	6x12 DF#1	---		

BEAM SCHED.

NAME	SIZE	CAMB.	NAME	SIZE	CAMB.
BM-5	6x8 DF#1	---	BM-6	6x10 DF#1	---
BM-6	6x10 DF#1	---	BM-7	5-1/8x12 GLB	1/2"
BM-7	5-1/8x12 GLB	1/2"	BM-8	W10x45	---
BM-8	W10x45	---	BM-9	W10x45	---
BM-9	W10x45	---	BM-10	6x12 DF#1	---
BM-10	6x12 DF#1	---	BM-11	6x12 DF#1	---

COL. SCHED.

NAME	SIZE	CAMB.	NAME	SIZE	CAMB.
C1	HSS 6X6X3/8"	---	C2	HSS 7X5X1/2"	---
C2	HSS 7X5X1/2"	---	C3	HSS 5X5X3/8"	---
C3	HSS 5X5X3/8"	---	C4	HSS 7X5X3/8"	---
C4	HSS 7X5X3/8"	---	C5	HSS 6X6X1/2"	---
C5	HSS 6X6X1/2"	---	C6	HSS 6X6X3/8"	---

