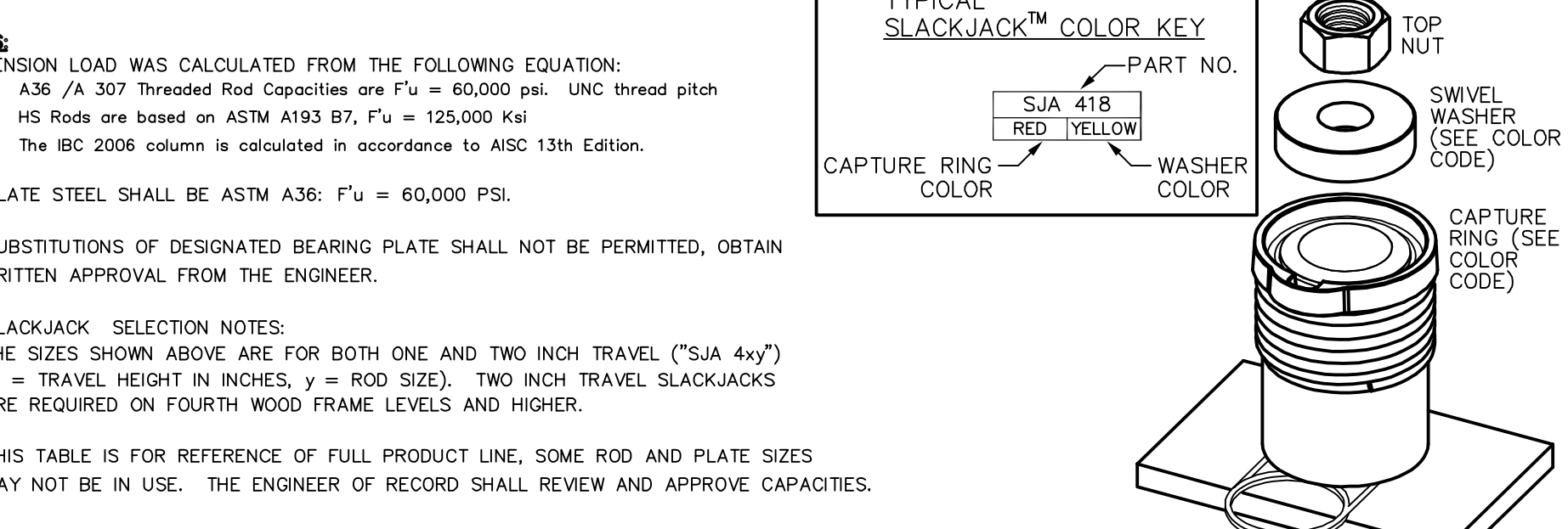


COMPONENT SELECTION SCHEDULES

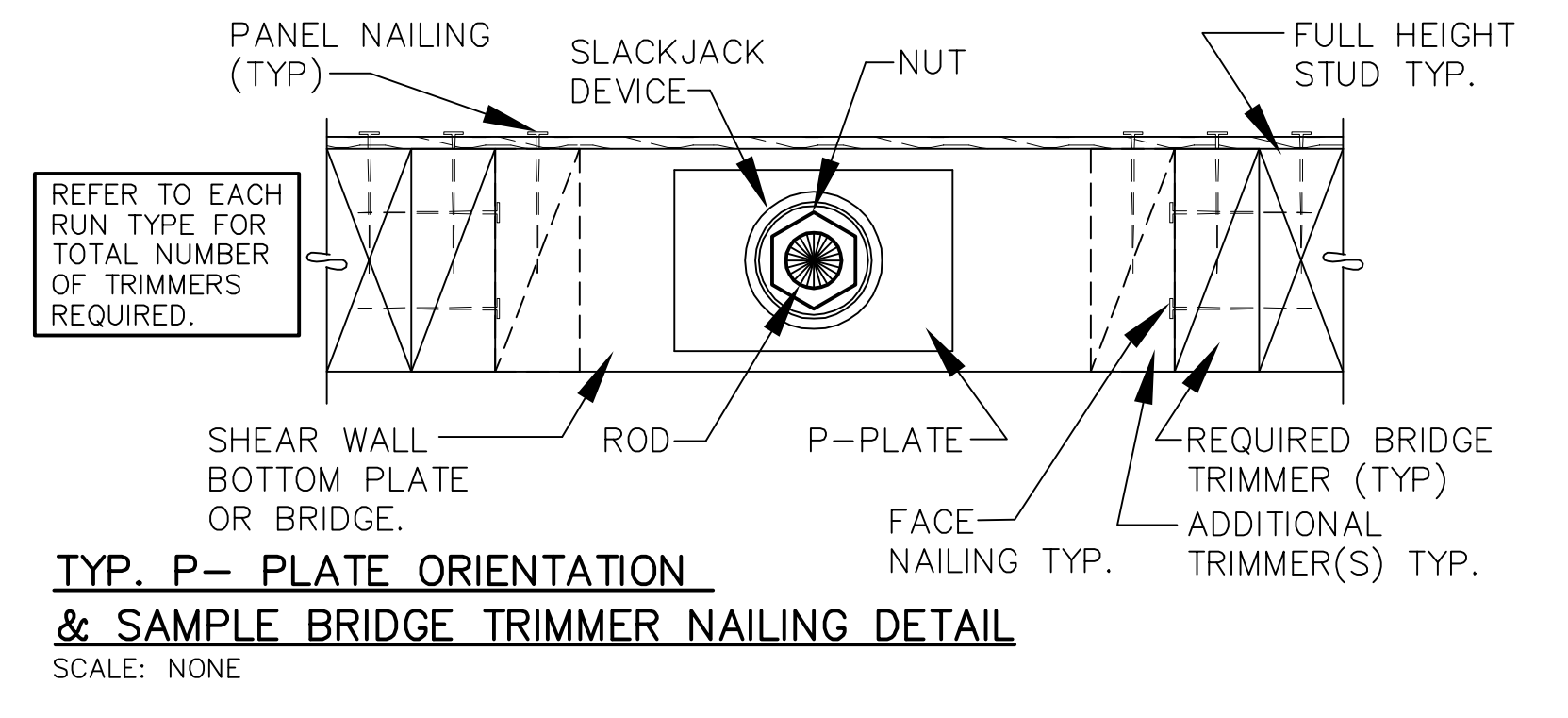
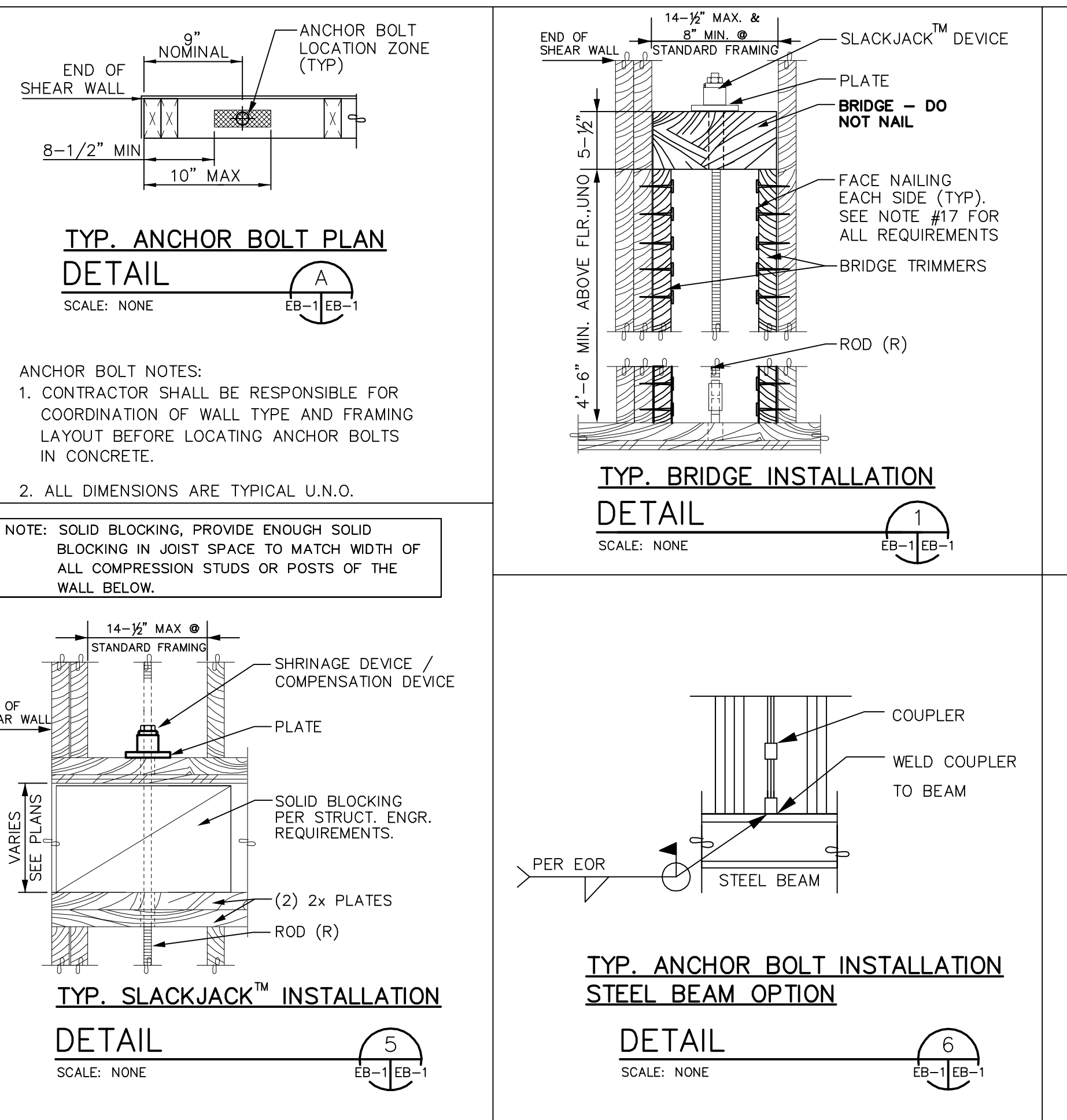
EARTHBOUND THREADED ROD CAPACITIES (IBC 2006-09)			
ROD SIZE	ROD SIZE (INCHES)	ALLOWABLE TENSION LOAD (KIP)	ROD REMARKS
R4	1/2" DIA.	4,470 LBS	ASTM A 36 (UNC)
R5	5/8" DIA.	7,100 LBS	ASTM A 36 (UNC)
R6	3/4" DIA.	10,900 LBS	ASTM A 36 (UNC)
R7	7/8" DIA.	14,540 LBS	ASTM A 36 (UNC)
R8	1" DIA.	19,080 LBS	ASTM A 36 (UNC)
R9	1 1/8" DIA.	24,940 LBS	ASTM A 36 (UNC)
R10	1 1/4" DIA.	30,530 LBS	ASTM A 36 (UNC)
R12	1 1/2" DIA.	44,270 LBS	ASTM A 36 (UNC)
R14	1 3/4" DIA.	59,830 LBS	ASTM A 36 (UNC)
R4S	1/2" DIA.	9,310 LBS	ASTM A193 B7 (UNC)
R4S	5/8" DIA.	14,830 LBS	ASTM A193 B7 (UNC)
R6S	3/4" DIA.	21,950 LBS	ASTM A193 B7 (UNC)
R7S	7/8" DIA.	30,300 LBS	ASTM A193 B7 (UNC)
R8S	1" DIA.	39,750 LBS	ASTM A193 B7 (UNC)
R9S	1 1/8" DIA.	50,090 LBS	ASTM A193 B7 (UNC)
R10S	1 1/4" DIA.	63,000 LBS	ASTM A193 B7 (UNC)
R12S	1 1/2" DIA.	92,230 LBS	ASTM A193 B7 (UNC)
R14S	1 3/4" DIA.	124,850 LBS	ASTM A193 B7 (UNC)

EARTHBOUND BEARING PLATE CAPACITIES				SJA ROD SIZE CODES			
PLATE SIZE	DIFFERENTIAL LOAD	COLOR CODE	PLATE DIMENSIONS (INCHES)	TRAVEL	CAPTURE RING	SWIVEL WASHER	BEARING PLATE
P4	4,000 LBS	ORANGE	3-1/4" x 5"	1/4"	3"	1/2"	R4
P8	8,000 LBS	BLACK	3-1/4" x 5"	1/4"	3"	1/2"	R8
P10	10,000 LBS	BLUE	3-1/4" x 5"	3/8"	3"	1/2"	R8 or R6S
P12	12,000 LBS	GRAY	3-1/4" x 5"	5/8"	3"	1/2"	R7 or R7S
P14	14,000 LBS	RED	3-1/4" x 5"	7/8"	3"	1/2"	R8 or R9S
P16	16,000 LBS	YELLOW	3-1/2" x 6"	1"	3"	1/2"	R9 or R9S
P18	18,000 LBS	GREEN	3-1/2" x 6"	1 1/8"	3"	1/2"	R10 or R10S
P20	20,000 LBS	WHITE	3-1/2" x 6"	1 1/4"	3"	1/2"	R10 or R10S
P22	22,000 LBS	WHITE	3-1/2" x 6"	1 1/2"	3"	1/2"	R10 or R10S
P24	24,000 LBS	GOLD	3-1/2" x 6"	1 1/2"	3"	1/2"	R10 or R10S



SLACKJACK™ ICC ESR-2848 LISTED CAPACITIES				COLOR CODE AND PART CROSS REFERENCE						
PART NO.	ROD DIFFERENTIAL	TRAVEL	CAPTURE RING	SWIVEL WASHER	PART NO.	ROD DIFFERENTIAL	TRAVEL	CAPTURE RING	SWIVEL WASHER	
SJA 214	1/2"	7,360 LBS	1-INCH	BLUE	PURPLE	SJA 224	1/2"	7,730 LBS	2-INCH	YELLOW
SJA 215	5/8"	7,360 LBS	1-INCH	BLUE	BLACK	SJA 225	5/8"	7,730 LBS	2-INCH	YELLOW
SJA 216	3/4"	7,360 LBS	1-INCH	BLUE	GRAY	SJA 226	3/4"	7,730 LBS	2-INCH	YELLOW
SJA 217	7/8"	7,360 LBS	1-INCH	BLUE	YELLOW	SJA 227	7/8"	7,730 LBS	2-INCH	YELLOW
SJA 218	1"	7,360 LBS	1-INCH	BLUE	WHITE	SJA 228	1"	7,730 LBS	2-INCH	YELLOW
SJA 219	1 1/8"	7,360 LBS	1-INCH	BLUE	GREEN	SJA 229	1 1/8"	7,730 LBS	2-INCH	YELLOW
SJA 210	1 1/4"	7,360 LBS	1-INCH	BLUE	RED	SJA 220	1 1/4"	7,730 LBS	2-INCH	YELLOW
SJA 414	1/2"	14,000 LBS	1-INCH	RED	PURPLE	SJA 424	1/2"	14,000 LBS	2-INCH	GREEN
SJA 415	5/8"	14,000 LBS	1-INCH	RED	BLACK	SJA 425	5/8"	14,000 LBS	2-INCH	GREEN
SJA 416	3/4"	14,000 LBS	1-INCH	RED	GRAY	SJA 426	3/4"	14,000 LBS	2-INCH	GREEN
SJA 417	7/8"	14,000 LBS	1-INCH	RED	YELLOW	SJA 427	7/8"	14,000 LBS	2-INCH	GREEN
SJA 418	1"	14,000 LBS	1-INCH	RED	WHITE	SJA 428	1"	14,000 LBS	2-INCH	GREEN
SJA 419	1 1/8"	14,000 LBS	1-INCH	RED	GREEN	SJA 429	1 1/8"	14,000 LBS	2-INCH	GREEN
SJA 410	1 1/4"	14,000 LBS	1-INCH	RED	RED	SJA 420	1 1/4"	14,000 LBS	2-INCH	GREEN
SJT 414	1/2"	9,000 LBS	1-INCH	ORANGE	PURPLE	SJA 614	1/2"	20,340 LBS	1-INCH	TAN
SJT 415	5/8"	9,000 LBS	1-INCH	ORANGE	BLACK	SJA 615	5/8"	20,340 LBS	1-INCH	TAN
SJT 416	3/4"	9,000 LBS	1-INCH	ORANGE	GRAY	SJA 616	3/4"	20,340 LBS	1-INCH	TAN
SJT 417	7/8"	9,000 LBS	1-INCH	ORANGE	BLUE	SJA 617	7/8"	20,340 LBS	1-INCH	TAN
SJT 418	1"	9,000 LBS	1-INCH	ORANGE	YELLOW	SJA 618	1"	20,340 LBS	1-INCH	TAN
SJT 419	1 1/8"	9,000 LBS	1-INCH	ORANGE	WHITE	SJA 619	1 1/8"	20,340 LBS	1-INCH	TAN
SJT 410	1 1/4"	9,000 LBS	1-INCH	ORANGE	GREEN	SJA 610	1 1/4"	20,340 LBS	1-INCH	TAN
SJS 410	1 1/4"	22,000 LBS	1-INCH	BLUE	GREEN	SJS 420	1 1/4"	22,000 LBS	2-INCH	YELLOW
SJS 412	1 1/2"	22,000 LBS	1-INCH	BLUE	RED	SJS 422	1 1/2"	22,000 LBS	2-INCH	YELLOW

SLACKJACK™ COLOR CODE TABLE			
TRAVEL HEIGHT	ROD SIZE	CAPTURE RING	SWIVEL WASHER
1"	1/2"	Blue	Purple
1"	5/8"	Blue	Black
1"	3/4"	Blue	Gray
1"	7/8"	Blue	Yellow
1"	1"	Blue	White
1"	1 1/8"	Blue	Green
1"	1 1/4"	Blue	Red
2"	1/2"	Yellow	Black
2"	5/8"	Yellow	Gray
2"	3/4"	Yellow	Blue
2"	7/8"	Yellow	White
2"	1"	Yellow	Green
2"	1 1/8"	Yellow	Red
2"	1 1/4"	Yellow	Green
2"	1 1/2"	Yellow	Red



COLLECTOR STUD CAPACITY SCHEDULES

COLLECTOR STUD CAPACITIES FOR DOUG FIR STUDS ON DOUG FIR PLATES									
TOTAL STUDS REQUIRED	2x4	2x6	3x4	4x4	4x6	4x8	NO. OF BRIDGE TRIMMERS ONLY	2x4x	2x6x
1	2,359	5,159	3,599	6,399	10,019	13,169	3	3,319	5,159
2	4,718	10,318	7,198	12,798	20,038	26,338	6	6,638	10,318
3	7,077	15,477	10,797	19,197	30,057	39,507	9	9,957	15,477
4	9,436	20,636	14,396	25,596	40,076	52,666	12	13,256	20,636
5	11,795	25,795	18,095	31,695	50,095	65,815	15	16,655	25,795
6	14,154	30,954	21,794	37,794	60,114	78,964	18	19,814	30,954
7	16,513	36,113	25,493	43,893	70,133	92,213	21	22,973	36,113
8	18,872	41,272	29,192	50,092	80,152	105,262	24	26,232	41,272
9	21,231	46,431	32,891	56,291	90,171	118,411	27	29,491	46,431
10	23,590	51,590	36,590	62,490	100,190	131,610	30	32,750	51,590

NOTES: 1) STUDS SHOWN ARE THE MINIMUM COMPRESSION MEMBERS REQUIRED FOR THE EARTHBOUND SYSTEM.
 2) DOUG FIR CALCULATION NOTES: (BASED ON 2005 NDS) 2x4s, 2x6s, 3x4s (STUD GRADE); F_c PARALLEL = 850 PSI; 4x4s AND LARGER (NO. 2 GRADE); F_c PARALLEL = 1350 PSI; F_c PERPENDICULAR = 625 PSI FOR DOUG FIR PLATES.
 3) * DENOTES NO. OF BRIDGE TRIMMERS UNDER COMPRESSION BRIDGE.
 4) ** DENOTES THAT FINAL POST HEIGHT SUBTRACTS 4 1/2" FOR 2x TOP PLATES AND 2x BOTTOM PLATE.

ROD HOLE SCHEDULE THROUGH TOP/BOTTOM PLATES AND BRIDGES			
ROD SIZE	MIN HOLE SIZE	MAX HOLE SIZE	MAX HOLE SIZE
R4	1 1/2" Ø	1" Ø	1-1/8" Ø
R5	5/8" Ø	1" Ø	1-1/8" Ø
R6	3/4" Ø	1" Ø	1-1/8" Ø
R7	7/8" Ø	1-1/8" Ø	1-1/4" Ø
R8	1" Ø	1-1/4" Ø	1-3/8" Ø
R9	1-1/8" Ø	1-3/8" Ø	* 1-1/2" Ø
R10	1-1/4" Ø	* 1-1/2" Ø	* 1-5/8" Ø

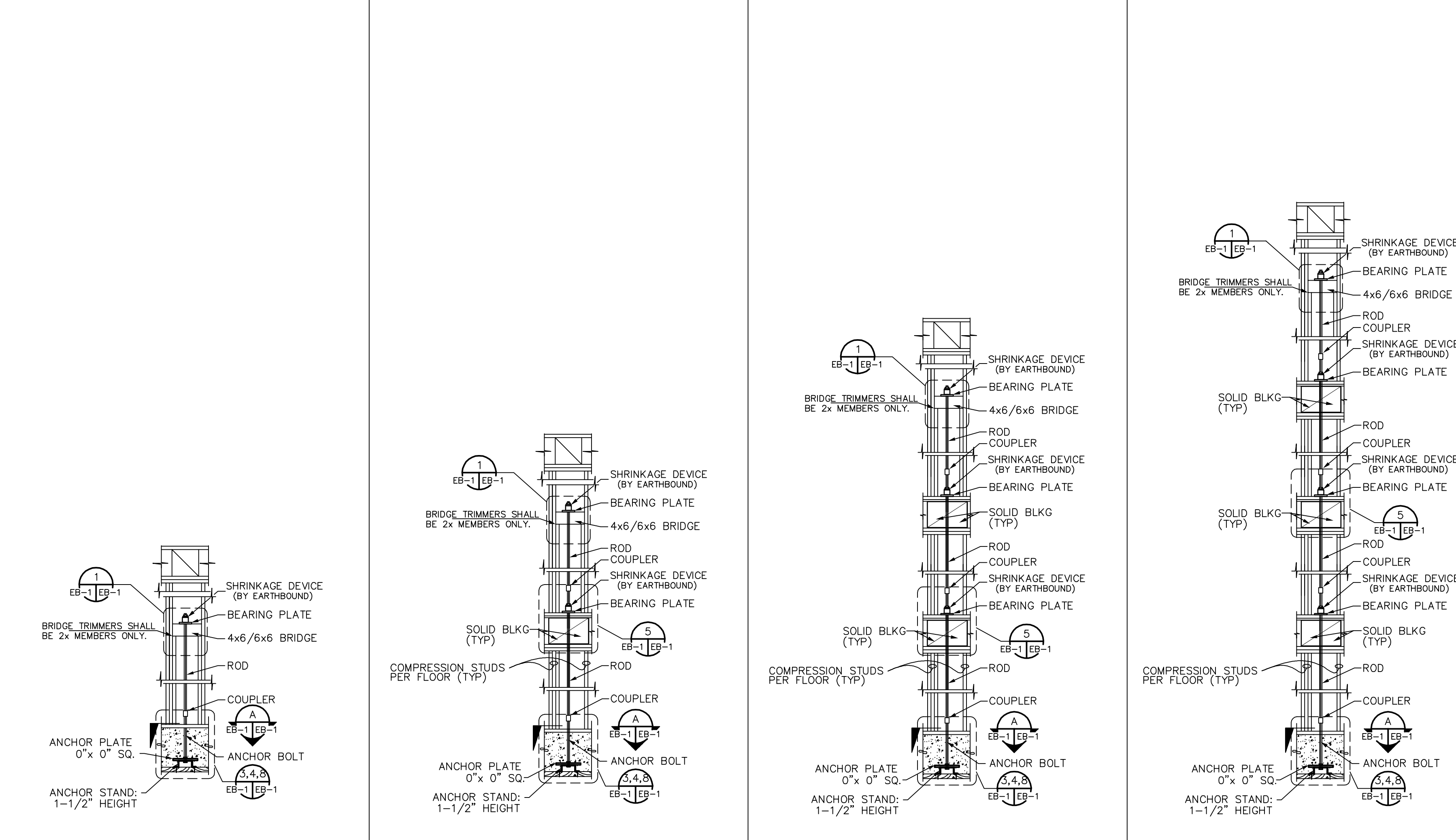
* HOLE SIZES INTENDED FOR 6" WALL TYPES ONLY. ENGINEER OF RECORD SHALL APPROVE THE USE OF THESE HOLE SIZES FOR 4" WALL TYPES.

RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	-----	-----	-----	-----
4th	-----	-----	-----	-----
3rd	-----	-----	-----	-----
2nd	-----	-----	-----	-----
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS

RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	-----	-----	-----	-----
4th	-----	-----	-----	-----
3rd	-----	-----	-----	-----
2nd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS

RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	-----	-----	-----	-----
4th	-----	-----	-----	-----
3rd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
2nd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS

RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	-----	-----	-----	-----
4th	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
3rd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
2nd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS



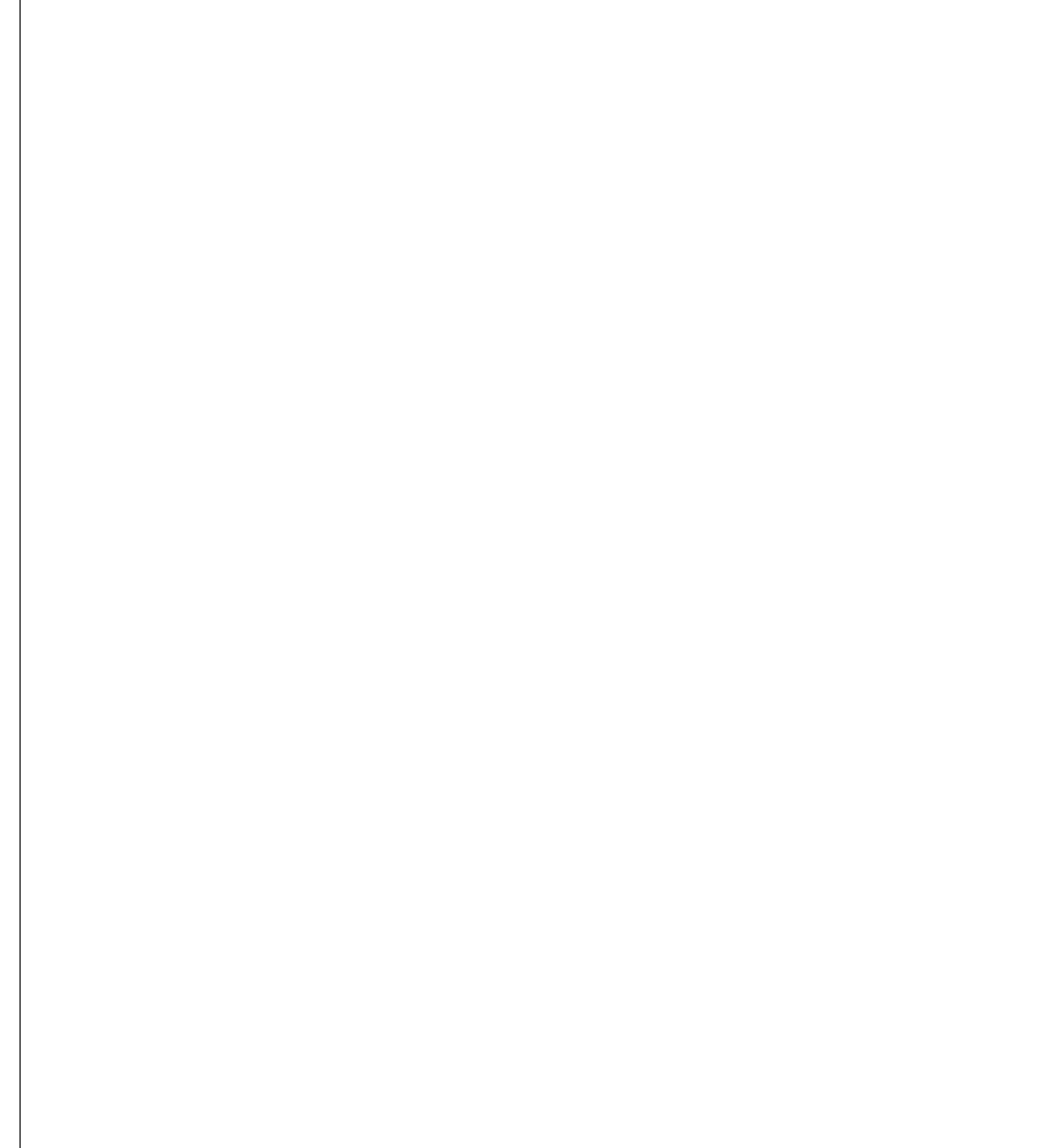
CONTINUOUS ROD SYSTEM NOTE:

Self-Tightening Holdown System shall be designed by the manufacturer for the loads and conditions shown on the drawings and shall be furnished and installed in conformance with the manufacturer's instructions. Self-Tightening System shall be designed to accommodate 3/8" of shrinkage per floor.

Shop Drawings and calculations shall be provided as a deferred submittal to the architect and structural engineer of record.

Shop drawings shall indicate load capacities and self-tightening device(s) of each holdown run. These products shall be as follows:

Earthbound Seismic Holdown System using the "SlackJack™" shrinkage compensating device manufactured by Earthbound Corporation (ICC-ES Report No. ESR-2848). www.slackjack.com (800) 944-5669



RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
4th	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
3rd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
2nd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS

RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	-----	-----	-----	-----
4th	-----	-----	-----	-----
3rd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
2nd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS

RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	-----	-----	-----	-----
4th	-----	-----	-----	-----
3rd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
2nd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS

RUN TYPE XX				
WOOD FLOOR LEVEL	UPLIFT TENSION LOADS	CALCULATED DIFFERENTIAL LOADS	COLLECTED DIFFERENTIAL LOADS	WOOD COMPRESSION DOWNLOAD
5th	-----	-----	-----	-----
4th	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
3rd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
2nd	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS
1st	X,XXX LBS	X,XXX LBS	X,XXX LBS	X,XXX LBS

