

## ROOF FRAMING

- ROOF SHEATHING: 1/2" STANDARD (G-10), COX, PLYWOOD, APA #22/18 MIN. NAILED TO FRAMING WITH 8d NAILS @ 6" O.C. EDGE AND BOUNDARY WALKING (E.N.) AND 12" O.C. FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED. STAGGER ALL END JOINTS AND RUN PLYWOOD PERPENDICULAR TO THE DIRECTION OF THE FRAMING.
- C** SYMBOL INDICATES ROOF SUPPORT USE (2) - 2x4 ROOF BRACES WHERE BRACE LENGTH IS LESS THAN 72"; USE (2) - 2x6 ROOF BRACES WHERE BRACE LENGTH EXCEEDS 72".
- TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE APPLICABLE). NOTE: TAIL, MICRO-LAM, AND PARALLAM ARE TRADE MARK NAMES OF "TRIS - JOINT" CORP.
- PROVIDE EDGE NAILING TO ALL BLOCKING OR RM JOISTS. CONNECT ALL BLOCKING OR RM JOISTS, WHICH OCCUR IN SHEAR WALL LINES, TO TOP PLATES WITH SIMPSON L50 FRAMING CLIPS AT 48" O.C. UNLESS OTHERWISE NOTED.
- PROVIDE CONTINUOUS BLOCKING OVER ALL BEARING WALLS, SHEAR WALLS, BEAMS, AND HEADERS.
- NO PLYWOOD SHALL BE LESS THAN 12" IN ITS LEAST DIMENSION.
- USE 5/8" THICK ORGYMA BOARD (SHEET ROCK) WHERE WOOD FRAMING IS SPACED AT 24" O.C. ATTACH TO FRAMING WITH OP BOARD SPACING AT 10" O.C. MAX. SPACERS SHALL BE LONG ENOUGH TO PENETRATE INTO THE WOOD FRAMING, A MINIMUM OF 3/4". STAGGER ALL END JOINTS AND RUN THE OP - BOARD PERPENDICULAR TO THE DIRECTION OF THE FRAMING.
- PROVIDE FREE VENTILATING AREA NOT LESS THAN 1/300 OF THE AREA OF THE SPACE VENTILATED PER C.I.B.C. SECTION 1203.2.
- LEAVE 1/8" SPACE AT ALL PANEL EDGE AND END JOINTS, UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER.
- OPEN SHEATHING AS SOON AS POSSIBLE, WITH ROOFING FELT FOR EXTRA PROTECTION AGAINST EXCESSIVE MOISTURE PRIOR TO ROOFING APPLICATION.
- PROVIDE PANEL CLIP OR TONGUE AND GROOVE EDGES IF REQUIRED.

## FLOOR FRAMING

- FLOOR SHEATHING: 3/4" STANDARD (G-10), COX, APA #24 MIN. GUE AND NAILED TO FRAMING WITH 8d NAILS @ 6" O.C. EDGE AND BOUNDARY WALKING (E.N.) AND 12" O.C. FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED. STAGGER ALL END JOINTS AND RUN PLYWOOD PERPENDICULAR TO THE DIRECTION OF THE FRAMING. (NOTE: 8d RING SHANKS ARE RECOMMENDED IN LEO OF 8d NAILS.)
- TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE APPLICABLE). NOTE: TAIL, MICRO-LAM, AND PARALLAM ARE TRADE MARK NAMES OF "TRIS - JOINT" CORP.
- PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITION WALLS.
- PROVIDE EDGE NAILING TO ALL BLOCKING OR RM JOISTS. CONNECT ALL BLOCKING OR RM JOISTS, WHICH OCCUR IN SHEAR WALL LINES, TO TOP PLATES WITH SIMPSON L50 FRAMING CLIPS AT 36" O.C. UNLESS OTHERWISE NOTED.
- PROVIDE CONTINUOUS BLOCKING OVER ALL BEARING WALLS, SHE WALLS, BEAMS, AND HEADERS.
- CARRY UPPER LEVEL POSTS INTO LOWER LEVELS AND PROVIDE SOLID BLOCKING UNDER ALL POSTS IN FLOORS.
- NO PLYWOOD SHALL BE LESS THAN 12" IN ITS LEAST DIMENSION.
- USE 5/8" THICK ORGYMA BOARD (SHEET ROCK) WHERE WOOD FRAMING IS SPACED AT 24" O.C. ATTACH TO FRAMING WITH OP BOARD SPACING AT 10" O.C. MAX. SPACERS SHALL BE LONG ENOUGH TO PENETRATE INTO THE WOOD FRAMING, A MINIMUM OF 3/4". STAGGER ALL END JOINTS AND RUN THE OP - BOARD PERPENDICULAR TO THE DIRECTION OF THE FRAMING.

## SHEET METAL & FLASHING

- FLASH ALL EXTERIOR OPENINGS.
- FLASH AND COUNTER FLASH ALL ROOF TO WALL CONDITIONS.
- G.I. FLASH AND CALK WOOD BEAMS, OUTRIGGERS, AND PROJECTIONS FROM EXTERIOR WALLS AND ROOF SURFACES.

## WORKMANSHIP

- CONSTRUCTION SHALL BE OF THE HIGHEST QUALITY OF WORKMANSHIP. ALL WALLS SHALL BE FLOID AND TRUE. ALL CONNECTIONS SHALL BE MADE ACCORDING TO ACCEPTED CONSTRUCTION PRACTICES, OR AS SPECIFIED HEREIN, OR AS FOR THE CORRECT CODES.

## BOLTING NOTES

- HOLES FOR THROUGH BOLTS SHALL BE DRILLED 1/16" OVERSIZE.
- HOLES FOR LAG BOLTS SHALL BE FIRST BORED TO THE SAME NOMINAL DIAMETER DEPTH AS THE SHANK. THE REST SHALL BE NO LARGER THAN THE ROOF OF THE HOLES.
- LAG BOLTS SHALL BE SPACED (NOT DRIVEN) INTO PLACE.
- ALL NUTS AND BOLTS SHALL BE PROVIDED WITH EAP OR WALLABLE WASHERS WHERE BEARING AGAINST WOOD.
- ALL BOLTS AND LAG BOLTS SHALL BE RE-TIGHTENED UPON INSTALLATION AND RE-TIGHTENED BEFORE CLOSE IN OR AT THE COMPLETION OF THE JOB.
- ALL BOLTS SHALL BE A.S.T.M. A-307 MINIMUM UNLESS OTHERWISE NOTED. BOLTS SHALL BE NEW AND WITHOUT EXCESSIVE RUST. ALL BOLTS SHALL BE EMBEDDED INTO CONCRETE 7" MIN.

## FOUNDATION

- FOUNDATIONS ARE TO BE DESIGNED FOR 1500 POUNDS PER SQUARE FOOT ALLOW SOIL BEARING CAPACITY UNLESS OTHERWISE NOTED.
- MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 2500 PSI (5 SACS OF CEMENT PER CUBIC YARD, 4" MINIMUM SILICA, 3/4" MINIMUM AGGREGATE SIZE).
- ALL CONCRETE USED SHALL CONFORM TO A.S.T.M. C-150.
- REIN. STEEL TO CONFORM TO A.S.T.M. A-615-60 GRADE 40 MINIMUM.
- HORIZONTAL OR VERTICAL REINFORCEMENT NOTED "CONT." SHALL HAVE A MINIMUM SPICE EQUAL TO 40 BAR DIAMETERS IN CONCRETE.
- STAGGER ALL ADJACENT REINFORCEMENT SPICES 48" MINIMUM.
- #3 OR LARGER REINFORCEMENT STEEL SHALL NOT BE REBENT.
- USE 6" CONC. SLAB WITH #15 @ 18" C.C. - OVER OVER 6" MIN. VORGE BARRER - OVER 6" CAGED ROCK - OVER COMPACTED SUBGRADE AT LANDING SPACES. USE 5" CONCRETE SLAB WITH #15 @ 18" C.C. OVER 4" CAGED ROCK REINFORCED AT CENTER LINE OF CROSS SECTIONAL AREA OF SLAB - TRYPAL.
- CONTINUOUS CONC. FOOTING SHALL BE 1'-3" WIDE BY 1'-6" MINIMUM BELOW NATURAL GRADE AT TWO STORY CONDITIONS AND 1'-0" WIDE BY 1'-0" MINIMUM BELOW NATURAL GRADE AT ONE STORY CONDITIONS. REINFORCED WITH (1) #4 HORIZONTAL REIN. BAR AT 4" CLEAR FROM TOP WITH (1) #4 HORIZ. BAR AND AT 3" CLEAR FROM EARTH UNLESS OTHERWISE NOTED. PROVIDE #4 VERTICAL REINFORCEMENT BARS AT 16" O.C. WHEN STEEL WALL HEIGHT EXCEEDS 36". MEASURED FROM TOP OF FOOTING, OR WHERE CONSTRUCTION JOINTS OCCUR.
- FOUNDATION SILL PLATE SHALL BE BOLTED TO THE FOUNDATION WITH 5/8" DIA. x 10" NCH. BOLTS AT 48" O.C. UNLESS OTHERWISE NOTED. BOLTS SHALL BE EMBEDDED 7" INTO REINFORCED CONCRETE. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PIECE WITH ONE BOLT COAKED WITHIN 12" OF EACH END OF EACH PIECE. ANCHOR BOLTS SHALL HAVE 3" x 3" x .229" PLATE WASHERS.
- ALL WOOD BEAMS ON CONCRETE OR MASONRY, OR WITHIN 6" FROM THE GROUND SURFACE, SHALL BE PRESURE TREATED DOUG. FIR.
- SMOOT ALL SURFS WITH 1" DEEP GRACK CONTROL JOINTS AT INTERVALS NOT TO EXCEED 30' O.C. EACH WAY. SMOOthing SHALL OCCUR 16 TO 20 HOURS AFTER POUR.
- REMOVE ALL TREES AND PLANTS, INCLUDING ALL ROOTS WITHIN 5' FROM FOUNDATION.
- FINISH GRADE SHALL SLOPE AT 2 PERCENT MINIMUM AWAY FROM ALL STRUCTURES TO A MINIMUM OF 10'.
- PROVIDE UNDER FLOOR VENTILATION NOT LESS THAN 1/300 SQUARE FEET OF THE TOTAL UNDER FLOOR AREA PER C.I.B.C. SECTION 1203.3.11.
- PROVIDE A MINIMUM OF A 18" x 24" FOUNDATION ACCESS TO ALL UNDER FLOOR AREAS PER C.I.B.C. SECTION 1204.1.
- CONCRETE AGGREGATES SHALL CONFORM TO A.S.T.M. C-33.
- PREP WAY PASS THROUGH STRUCTURAL CONCRETE IN STEEPS OR OTHER APPROVED METHODS, BUT WAY NOT BE EMBEDDED THEREIN.
- BOTTOM OF ALL FLOOR TRENCHES SHALL BE CLEAN AND LEVEL.
- WHERE 5/8" DIA. x 10" ANCHOR BOLTS HAVE NOT BEEN PROPERLY LOCATED, USE 3/8" DIAMETER "HILT" NAIL-BOLTS WITH 6" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- WHERE 5/8" DIA. x 12" ANCHOR BOLTS HAVE NOT BEEN PROPERLY LOCATED, USE 5/8" DIAMETER "HILT" NAIL-BOLTS WITH 6" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- WHERE 3/4" DIA. x 15 ANCHOR BOLTS HAVE NOT BEEN PROPERLY LOCATED, USE 3/4" DIAMETER "HILT" NAIL-BOLTS WITH 6" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

## GENERAL STRUCTURAL

- HORIZONTAL FRAMING IS TO BE DOUG. FIR #2 OR BETTER UNLESS OTHERWISE NOTED (U.O.M.).
- ALL POSTS SHALL BE DOUG. FIR #1 U.O.M.
- 6" - BEAMS AND LARGER SHALL BE DOUG. FIR #1 UNLESS OTHERWISE NOTED.
- SIMPLE SPAN GUL-LAM BEAMS SHALL BE 2x4 - W/ 07' /F.
- CANTILEVERED GUL-LAM BEAMS SHALL BE 2x4 - W/ 07' /F.
- HANDRAIL IS TO BE SIMPSON STRONG-TIE OR EQUAL.
- HEADERS ARE TO BE 4x12 OF #2 FOR 2x4 FRAMED WALLS AND 6x12 OF #1 FOR 2x6 FRAMED WALLS UNLESS OTHERWISE NOTED. SUPPORT EACH HEADER WITH DOUBLE FRAMER STUDS WHERE OPENINGS ARE 6'-0" WIDE OR WIDER.
- PROVIDE TOLL BEARING SUPPORT FOR ALL BEAMS (i.e. 4" - BEAMS ARE TO BE SUPPORTED BY 2" 2x - OR 4" - POSTS (i.e. 6" - AND 8" - BEAMS ARE TO BE SUPPORTED BY 6" - AND 8" - POSTS RESPECTIVELY).
- PROVIDE POSITIVE TYP POST BEAM CONNECTION (i.e. CC, BC, AC, PC, L, T, ETC.
- WHERE MULTIPLE 2x - JOISTS ARE STITCHED TOGETHER FOR 2 OR 3 - - USE (2) 1x6'S AT 12" O.C. (OR 4" OR MORE USE (2) 1/2" DIA. THROUGH BOLTS WITH WASHERS AT 24" O.C.
- MINIMUM NAILING REQUIREMENTS SHALL CONFORM TO TABLES 2304.9.1 OF THE CALIFORNIA BUILDING CODE.
- JOINTS IN DOUBLE TOP PLATES OF STUD BEARING WALLS SHALL OCCUR AT THE CENTER LINE OF THE SUPERIMPOSED STUD.
- ALL TOP PLATE SPICES OF STUD WALLS SHALL BE A MINIMUM OF 48" O.C. LONG WITH (8) 16'S EACH SIDE OF SPICE. ALL INTERSECTING WALLS NOT 90 DEGREES WITH RESPECT TO EACH OTHER SHALL BE SHIPPED TOGETHER WITH "SIMPSON" SIZZ STRIPS (U.O.M.). ALL STRIPS ARE TO BE CENTERED ON SPICE.

- ALL MEMBERS SHALL BE FRAMED, ANCHORED, TIED AND BRACED SO AS TO DEVELOP THE STRENGTH AND RIGIDITY NECESSARY FOR THE PURPOSES FOR WHICH THEY ARE USED.
- FOUNDATION CHPILE STUDS SHALL BE 2x6 OF AT 16" O.C. WITH A MINIMUM LENGTH OF 14" SHALL BE SHEATHED WITH PLYWOOD OR SUD BOARD.
- NOTHING OF EXTERIOR BEARING AND NON-BEARING WALLS SHALL NOT EXCEED 25 PERCENT AND 40 PERCENT RESPECTIVELY. BORED WALLS TO BE NO MORE THAN 40 PERCENT OF STUD WITH IN BEARING WALLS. 60 PERCENT IN FLOOR, CEILING, SFRFT, AND AT MID-HEIGHT OF WALL OVER 10 FEET IN HEIGHT.
- MINIMUM CLEARANCE BETWEEN BOTTOM OF FLOOR JOIST AND THE GROUND SURFACE SHALL BE 18" MINIMUM. MINIMUM CLEARANCE FOR GIRDERS TO GROUND SURFACE SHALL BE 12" MINIMUM.
- BEARING AND EXTERIOR WALL STUDS TO BE CAPPED WITH DOUBLE TOP PLATE INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND AT INTERSECTIONS WITH OTHER MEMBERS. END JOINTS IN DOUBLE TOP PLATES SHALL BE OTHER AT LEAST 48"
- PROVIDE BLOCKING BETWEEN ALL FLOOR JOISTS, TRUSSES AND BRIFERS AT ALL BEARING WALLS, GIRDERS, HEADERS AND BEAMS.
- ALL STRUCTURAL LUMBER SHALL HAVE A MINIMUM MOISTURE CONTENT OF 19 PERCENT AT THE TIME OF FABRICATION OR CONSTRUCTION.
- GUL-LAMMATED BEAM INSPECTION CERTIFICATES SHALL BE SUBMITTED TO THE FIELD INSPECTOR PER CC.
- ALL REBARROING SHALL BE PERFORMED IN AN APPROVED FABRICATORS SHOP IN ACCORDANCE WITH CC.
- DEFERRED SCHEDULES INCLUDING ROOF TRUSS CALCULATIONS WHERE COICES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO START OF CONSTRUCTION.
- FR. - DENOTES JOE OF PARALLAM AS MANUFACTURED BY "TRIS-JOINT" CORP. U.O.M. DENOTES UNLESS OTHERWISE NOTED.
- DESIGNS TO CONFORM TO THE 2010 CBC, 2010 CMC, CC, CE, 2010 FIRE CODE, NFA 110 AND 2008 CA ENERGY STANDARDS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR T START OF CONSTRUCTION. SHOULD A DISCREPANCY EXIST, NOTIFY BRUCE O. YOUNG IMMEDIATELY.
- IN ALL CASES, NOTED DIMENSIONS SHALL SUPERSEDE SCALED DIMENSIONS.
- BRUCE O. YOUNG ASSUMES NO RESPONSIBILITY FOR ANY CHANGES, ERRORS, OMISSIONS OR DEFICIENCIES BY THE OWNER OR CONTRACTOR, EITHER INTENTIONAL OR ACCIDENTAL.
- THIS BILLING SHALL CONFORM TO THE REQUIREMENTS OF 2008 CA ENERGY STANDARDS AND COMPLY WITH REGULATIONS AS SET FORTH BY THE ENERGY COMMISSION. SEE ACCOMPANYING COMPLIANCE DOCUMENTS.
- U.O.M. DENOTES UNLESS OTHERWISE NOTED.

## GENERAL INFORMATION

- DESIGNS TO CONFORM TO THE 2010 CBC, 2010 CMC, CC, CE, 2010 FIRE CODE, NFA 110 AND 2008 CA ENERGY STANDARDS.

## STUD SCHEDULE

MAX WALL HEIGHT	EXTERIOR WALLS	INTERIOR WALLS
10'-0"	2x4 AT 16" O.C.	2x4 AT 16" O.C.
12'-0"	(2) 2x4 AT 16" O.C. OR 2x6 AT 16" O.C.	2x4 AT 16" O.C.
14'-0"	(2) 2x4 AT 16" O.C. OR 2x6 AT 16" O.C.	2x4 AT 16" O.C.
16'-0"	2x6 AT 16" O.C.	2x6 AT 16" O.C.
18'-0"	2x6 AT 12" O.C.	2x6 AT 16" O.C.
20'-0"	2x6 AT 12" O.C.	2x6 AT 16" O.C.

NOTE: SEE FRAMING PLAN AND ARCHITECTURAL DRAWING FOR CONDITIONS NOT ABOVE.

## FOUNDATION SCHEDULE

SYMBOL	SQUARE FOOTING		REIN. EACH WAY	MINI. ALLOW. COIL SIZE (in.)	COL. LOAD (lbs)	SEE NOTES BELOW
	DEPTH	STRY STRY				
A	18" x 18"	12"	18"	NONE	REO'D 4X 3.375	2.4
B	24" x 24"	12"	18"	2 - #4's	6X 6.000	2.3.4
C	30" x 30"	12"	18"	3 - #4's	6X 9.375	2.3.4
D	36" x 36"	12"	18"	3 - #4's	6X 13.500	2.3.4
E	42" x 42"	18"	4 - #4's	6X	18.375	2.3.4
F	48" x 48"	18"	4 - #4's	6X	24.000	2.3.4
G	54" x 54"	18"	5 - #4's	6X	30.375	2.3.4

- NOTES:
- DESIGN SOIL PRESSURE = 1500. psf
  - MINIMUM CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI.
  - REIN. STEEL TO CONFORM TO A.S.T.M. A615-40.
  - DEPTH / THICKNESS OF FOOTING INDICATES MINIMUM DEPTH OF BOTTOM OF FOOTING BELOW NATURAL GRADE.

## BRACED WALL & SHEAR WALL SCHEDULES

System	(1, 2, 5, 6, 7)	WALL SIDES	(9)	SPACING		ALLOW. SHEAR (kip)	(13)	Anchor Bolt Spacing (3,8,12)	(9)	Sill Plate Noting	NOTES
				EDGE FIELD	FIELD						
ONE  DENOTES SHEATHING APPLIED TO ONE SIDE OF WALL	3/8" Structural Plywood or O.S.B.	ONE	ONE	6" o.c.	12" o.c.	280	2x -	48" o.c.	48" o.c.	8" o.c.	11
		BOTH	BOTH	6" o.c.	12" o.c.	560	2x -	48" o.c.	48" o.c.	8" o.c.	4, 11
		ONE	ONE	6" o.c.	12" o.c.	280	2x -	48" o.c.	72" o.c.	6" o.c.	4, 10
		BOTH	BOTH	6" o.c.	12" o.c.	560	2x -	48" o.c.	72" o.c.	6" o.c.	4, 10
		ONE	ONE	6" o.c.	12" o.c.	280	2x -	36" o.c.	36" o.c.	3" o.c.	4, 10
		BOTH	BOTH	6" o.c.	12" o.c.	560	3x -	36" o.c.	36" o.c.	3" o.c.	4, 10
		ONE	ONE	4" o.c.	12" o.c.	430	3x -	36" o.c.	48" o.c.	4" o.c.	11
		BOTH	BOTH	4" o.c.	12" o.c.	860	3x -	36" o.c.	48" o.c.	4" o.c.	4, 10
		ONE	ONE	3" o.c.	12" o.c.	560	3x -	30" o.c.	36" o.c.	3" o.c.	11
		BOTH	BOTH	3" o.c.	12" o.c.	1100	3x -	30" o.c.	36" o.c.	3" o.c.	11
		BOTH	BOTH	3" o.c.	12" o.c.	1100	3x -	20" o.c.	20" o.c.	1 1/2" o.c.	4, 10

- ONE DENOTES SHEATHING APPLIED TO ONE SIDE OF WALL
- BOTH DENOTES SHEATHING APPLIED TO BOTH SIDES OF WALL
- NOTES:
- INSTALL IN ACCORDANCE WITH ALL PROVISIONS OF C.B.C. TABLE 2306.3.
  - 5/8" 11-11 SIZING MAY BE SUBSTITUTED FOR 3/8" STRUCT II PLYWOOD. NAIL VERTICAL EDGES F ALL SHEETS. USE 10d HOT DIP GALV. NAILS.
  - ALL CONTINUOUS FOOTINGS SHALL HAVE 1/2" DIA. x 10" ANCHOR BOLTS AT 48" O.C. UNLESS OTHERWISE NOTED.
  - DESIGNATES SILL BOLTING OR NAILING WHERE SHEAR WALL SHEATHING WALL IS APPLIED TO BOTH SIDES OF WALL.
  - STUOS AT SHEAR WALL LINES SHALL BE SPACED AT NO MORE THAN 16" O.C. SHEAR NAILING SHALL BE DONE IN A MANNER TO DEVELOP THE FULL STRENGTH OF THE ANCHORS PER PLYWOOD OR SHEET ROCK PANEL SPEC. OVER OTHER STUDS. HORIZONTAL JOINTS SHALL OCCUR OVER FULL DEPTH 2x - SOLID BLOCKING.
  - PROVIDE SHEARWALL EDGE NAILING (AS NOTED) TO ALL POSTS WHICH HAVE HOLDOWNS AT THE TOP OR BOTTOM OF THE POST.
  - SEE APPROPRIATE DETAILS FOR APPLICATION OF PLATE NAILING AND/OR CLIP.
  - PROVIDE A MINIMUM OF (2) ANCHOR BOLTS PER SHEAR WALL PANEL.
  - ALL WALLS USED IN SHEAR WALLS ARE TO BE COMMON WALLS. 8d COMMON NAILS TO BE 0.151" x 3" 1/2" MIN. 10d COMMON NAILS TO BE 0.148" x 3" MIN. SILL PLATE WALLS ONLY MAY BE COMMON WALLS OR GREEN VINYL SINKERS.
  - WHERE PLYWOOD IS ON BOTH SIDES OF A WALL AND WALLS SPACING IS LESS THAN 6" O.C. ON EITHER SIDE PANEL JOINTS SHALL BE OFFSET TO ALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3" x NOMINAL OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED. SILL PLATES MUST ALSO BE 3" x NOMINAL.
  - ANCHOR BOLTS SHALL HAVE A MINIMUM OF A 3" x 3" x .229" THICK PLATE WASHER.
  - SILL PLATE SIZE SHALL BE IN CONFORMANCE WITH TABLE 2306.2.1(1). ANCHOR BOLTS TO BE EMBEDDED INTO CONCRETE 7" MINIMUM. EXCEPTION: WHERE THE ALLOWABLE SHEAR IS LESS THAN 600 LBS. THE SILL PLATE MAY BE 2x PROVIDED THE ANCHOR BOLT SPACING IS HALVED.

## HOLD DOWN SCHEDULE

SYMBOL	MODEL NUMBER	MIN. POST	DIST. FROM CENTER OF CONC. ANCH. TO FACE OF POST	CONCRETE ANCHOR TYPE	MINIMUM STEM WALL THICKNESS
Φ U2	HU02	3"		SSTB20 SSTB20 SSTB20	8"
Φ U4	HU04	3"		SSTB SSTB20 SSTB34	8"
Φ U5	HU05	3 1/2"		SSTB30 SSTB34	8"
Φ U8	HU08	3 1/2"		SSTB30 SSTB34	8"
Φ U11	HU011	5 1/2"		SSTB20 SSTB20 SSTB20	8"
Φ 2	HU2 - SPS25	3"		SSTB SSTB20	8"
Φ 4	HU4	3"		SSTB SSTB	8"
Φ 5	HU5	3"		SSTB SSTB	8"
Φ RH02	H008-S063	3"		SSTB28 SSTB34	8"
■ 48	MS148	4x			
■ 60	MS160	4x			

- NOTES:
- EDGE NAIL SHEAR WALL SHEATHING TO POSTS FASTENED TO HOLD DOWNS.
  - MINIMUM CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI.
  - ALL HOLDOWNS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL OF THE MANUFACTURERS INSTALLATION RECOMMENDATIONS.
  - ALL HOLDOWNS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION INSPECTION.
  - USE COMMON WIRE GAGE NAILS FOR ALL WALLED HOLDDOWN CONNECTIONS.
  - USE SIMPSON STRUD14R HOLDOWNS IN LEO OF STH14 HOLDOWNS AT RAISED FOUNDATION SYSTEMS.
  - INSTALL STANDARD NUTS, WASHERS AND CUPPLERS AS REQUIRED.
  - ALL HOLDOWNS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION INSPECTION.
  - USE COMMON WIRE GAGE NAILS FOR ALL WALLED HOLDDOWN CONNECTIONS.
  - ALL HOLDOWNS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUND. INSPECTION. USE SIMPSON WKP TYP ANCHOR BOLT HOLDER OR EQUAL.

## SEE SIMPSON CA.

