SHEARWALL SCHEDULE:

SHEAR WALL SHEATHING	SHEAR WALL NAILING	SHEAR TRANSFER	SILL NAILING	FOUNDATION BOLT REQ.	ALLOWABLE LOAD (P/FT)
1 — 1/2" CDX PLYWOOD BLOCKED EDGES	10d @ 6" O.C. 10d @ 12" O.C. FIELD	A-35 CLIPS @ 16" O.C.	16d @ 6" O.C.	5/8"DIA A.B. @ 2'-6" O.C.	310
2 — 1/2" CDX PLYWOOD BLOCKED EDGES @ 3X	10d @ 4"/12" O.C.	A-35 CLIPS @ 11" O.C.	20d @ 4" O.C.	5/8"DIA A.B. @ 2'-0" O.C.	460
3 — 1/2" CDX PLYWOOD BLOCKED EDGES @3X	10d @ 3"/12" O.C.	L-90 CLIPS @ 16" O.C.	20d @ 3" O.C.	5/8"DIA A.B. @ 1'-4" O.C.	600
4 — 1/2" STRIT I PLYWOOD BLOCKED EDGES @3X	10d @ 2"/12" O.C.	L-90 CLIPS @ 13" O.C.	20d @ 2" O.C. STAGGERED	5/8"DIA A.B. @ 1'-0" O.C.	770

NAIL SCHEDULE: (UNLESS NOTED OTHERWISE)

	PLYWOOD SHEATHING	NAILING
ROOF	1/2" CDX PLYWOOD	8d @ 6"/12 O.C.
WALL	1/2" CDX PLYWOOD	10d @ 6"/12" O.C.
FLOOR	1-1/8" CDX PLYWOOD	16d @ 6"/10" O.C.

SHEARWALL NOTES:

1. SEE PLANS FOR SIZE AND LOCATION OF HOLDOWNS.
SHOWN SHEARWALL UNDER ROOF (N-S & E-W) TYPE & LENGTH ON ROOF FRAMING PLAN.
SHOWN SHEARWALL UNDER ROOF (N-S & E-W) STRAP TIES ON 2ND FLOOR FRAMING PLAN.
SHOWN SHEARWALL UNDER 2ND FLOOR (N-S & E-W) TYPE & LENGTH ON 2ND FLOOR FRAMING PLAN.
SHOWN SHEARWALL UNDER 2ND FLOOR (N-S & E-W) TYPE, LENGTH AND HOLDOWNS ON 1ST FLOOR FOUNDATION & FRAMING PLAN.

2. HARDWARE CALLED OUT IS SIMPSON STRONG TIE CONNECTORS. REVIEW 2005 SIMPSON STRONG TIE CATALOG PRIOR TO INSTALLATION FOR REQUIREMENTS AND PROCEDURES.

3. SEE FOUNDATION PLAN FOR SIZE AND SPACING OF A.B. U.N.O. WHERE SHEAR WALLS ARE SHOWN, FOLLOW SCHEDULE.

4. USE THREADED ROD (A36 GRADE STEEL) WITH NUTS AND WASHER FOR HOLDOWN ANCHORAGE. SSTB ANCHOR ROD.

5. KEEP MINIMUM 1/16" CLEAR BETWEEN ALL PLYWOOD PANEL EDGES.

6. USE ONE-PIECE PLYWOOD SHEETS AT ALL SHEAR WALL 48" OR LESS IN WIDTH.

7. FRAMING AT ADJOING VERTICAL PANEL EDGES FOR TYPE 2 & 3 & 4 SHEAR WALLS SHALL BE MINIMUM 3x WITH 10d NAILING STAGGERED @ 3x FRAMING AT PANEL EDGES.

8. ALL PLYWOOD PANELS SHALL BE MINIMUM 24" WIDE.

9. 1-3/4" x FULL HEIGHT RIM JOIST UNDER SILL NAILING AT ALL SHEAR WALL.

10. EDGE NAIL PLYWOOD TO HOLDOWN POST.

11. ALL MUDSILLS SHALL BE 3x MIN. WITH 5/8" DIA. x 12" ANCHOR BOLTS @ 4'-0" MAX. O.C. SPACING.

12. ALL A.B. WASHERS TO BE 2"x2"x3/16" THK.

13. ALL ANCHOR BOLTS TO HAVE MIN. EMBEDMENT 7" INTO CONC. SPACED NOT MORE THAN 6' APART WITH MIN. 2 BOLTS PER SILL PLATE AND LOCATED NOT MORE THAN 12" OR LESS THAN 7 BOLT DIAMETERS FROM THE ENDS OF THE PLATE.

GENERAL FRAMING NOTES:

1. SECOND FLOOR JOIST TO BE 9-1/2"TJI 230 @ 16" O.C., DBL JST @ 32" O.C. TYP. U.N.O.

2. ALL FLOOR SHEATHING TO BE MIN. 1-1/8" CDX T&G 4'x8' PLYWOOD STAGG. WITH 16d NAILING @ 6"/12" O.C. TYP. GLUED ALL PLYWOOD EDGES.

3. ALL HEADERS FOR DOOR AND WINDOWS TO BE 4x12 D.F. #2, TYP. U.N.O.

4. PROVIDE 1-3/4"X11-7/8" TIMBERSTRAND BLOCKING UNDER ALL WALL PARTITION (WALL PERPENDICULAR TO FLOOR JOIST CONDITION) AND/OR 2-11/16"X11-7/8" PSL UNDER WINDOW JAMB AT CANTILEVER & WALL PARTITION (WALL PARALLEL TO FLOOR JOIST CONDITION), TYP. U.N.O. UNLESS NOTIFIED IN THE PLAN.

5. PROVIDE 4x4 D.F.#1 POST UNDER ALL FLOOR BEAM, W/ SIMPSON COLUMN CAP & BASE, U.N.O. TYP.

6. ALL EXTERIOR WALLS SHALL RECEIVE 1/2" CDX. PLYWOOD W/ 10d @ 6"/12" O.C., BLOCKED ALL PLYWOOD EDGES, TYP. U.N.O.

7. ALL WALL STUDS TO BE 2x4 D.F.#2 @ 16" O.C. EXCEPT AT PLUMBING AND CRIPPLE WALL 2x6 D.F.#2 @ 16" O.C. AND SHEAR WALL TYPE 2, 3, WHICH ARE TO BE 3x6 STUDS @ 16" O.C. ALL SILL PLATE TO BE 3x FOR SHEAR FORCE OF 350 P/F OR MORE.

8. INSULATION :

	R VALUE	THICKNESS
ROOF ATTIC	R-30	9-1/2"
CATHEDRAL CEILINGS	R-19	6-1/4"
EXTERIOR WALL	R-13	3-1/2"
RAISED FLOOR	R-19	6-1/4"

GENERAL NOTE:

1. PROVIDE APPROVAL BY THE PROJECT ENGINEER-OF RECORD FOR THE USE OF MACHINE NAILING. THE MACHINE NAILING IS SUBJECT TO DEMONSTRATION OF CONTINUOUS SATISFACTORY JOB SITE PERFORMANCE. OF NAIL HEAD PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM EDGE DISTANCES ARE NOT MAINTAINED THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

ROOF FRAMING NOTES:

1. PRIOR TO FABRICATION OF TRUSSES, TWO COPIES OF THE FOLLOWING MATERIALS BEARING THE APPROVAL OF THE DESIGNER (IN FORM OF "SHOP DRAWING APPROVAL" OR SEPARATE LETTER) MUST BE SUBMITTED TO THE BUILDING OFFICIAL FOR REVIEW AT LEAST TWO WEEKS PRIOR TO FRAME INSPECTION: (a) TRUSS LAYOUT DRAWINGS, AND (b) TRUSS CALCULATIONS AND DETAILS SHOWING AXIAL AND BEND STRESSES AND JOINT DESIGNS, CLEARLY INDICATING THAT DESIGNS CONFORM TO THE 1997 UBC.

2. THE SUBMITTED SETS OF DESIGN DOCUMENTS INCLUDE A CONFIRMATION THAT THE PROJECT ENGINEER HAS REVIEWED THE ENTIRE TRUSS SUBMITTAL (CALCULATIONS, DETAILS, LAYOUT PLANS) AND PROVIDED A "REVIEW AND APPROVAL". SUCH REVIEW IS REQUIRED TO CONFIRM TRUSS PACKAGES ARE ACCEPTABLE WITH RESPECT TO GEOMETRY, LOADING AND COMPATIBILITY WITH BALANCE OF STRUCTURE. EVIDENCE OF SUCH REVIEW MAY INCLUDE EITHER APPLYING THE ENGINEER'S "SHOP DRAWING REVIEW AND APPROVAL" STAMP DIRECTLY TO ALL SHEETS OF THE TRUSS SUBMITTAL OR PROVIDING A STATEMENT IN A SEPARATE LETTER. UBC 106.3.4.1.

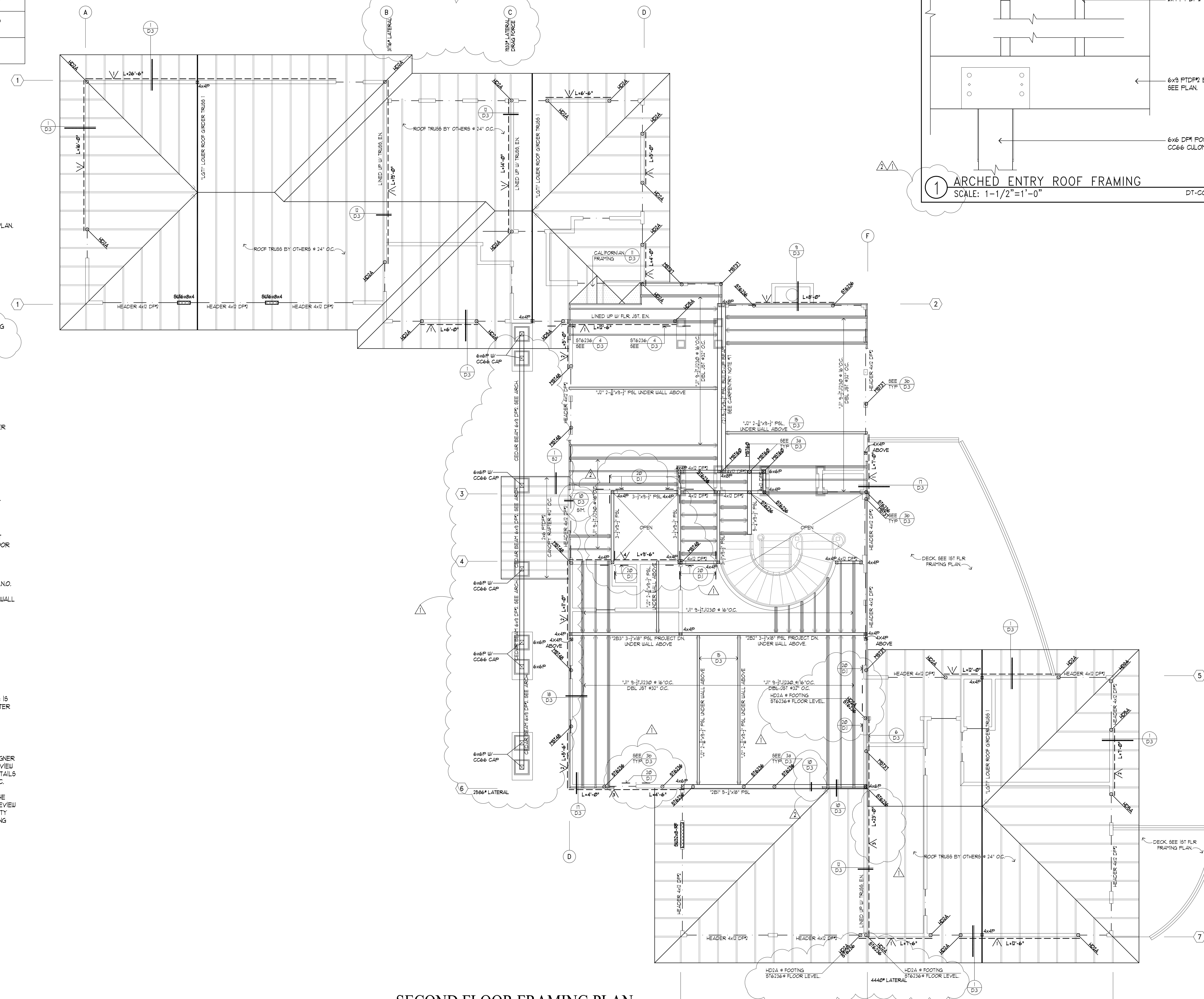
3. ROOF SHEATHING: (MIN.)
1/2" CDX PLYWOOD WITH 8d @ 6"/12" O.C. TYP. 4'x8' STAGGERED

4. ROOF DEAD LOAD: 18.0 PSF, LIVE LOAD 20.0 PSF.

5. PROVIDE 30# FELT UNDERLAYMENT FOR ROOF TILES, TYP.

6. PROVIDE 4X4 DF #1 POST UNDER ALL GIRDER TRUSSES, U.N.O.

7. ALL HEADERS TO BE 4X12 DF#2 U.N.O.



SECOND FLOOR FRAMING PLAN
SCALE: 3/16"=1'-0" (FULL SIZE)

1/2" PLYWOOD BENT. SEE ARCH. PLAN FOR SPECS.
E.N.
2x6 PT DF#2 RAFTER @12" O.C.
2x4 PT DF#2
6x9 PTDF#2 BEAM. SEE PLAN.
6x6 DF#1 POST W/ CC66 CULOMN CAP.

1 ARCHED ENTRY ROOF FRAMING
SCALE: 1-1/2"=1'-0"
DT-CONNETION

REVISIONS	BY
PLAN CHECK COMMENTS 09/08/06 1	HW
PLAN CHECK COMMENTS 10/03/06 2	HW

CHU DESIGN & ENGR., INC.
39 W. 43rd AVENUE
SAN MATEO, CALIFORNIA 94403
TEL: (650) 345-9286
FAX: (650) 345-9287

REGISTERED PROFESSIONAL ENGINEER TSAI-SHYI CHU NO. C-29056 Exp. 3-31-07 CIVIL STATE OF CALIFORNIA

NEW RESIDENCE
835 WESTRIDGE DRIVE,
PORTOLA VALLEY, CA

DATE: JULY, 2006
SCALE: AS NOTED
DRAWN: HW
JOB: 835-PV
SHEET NO. S.2
OF SHEETS