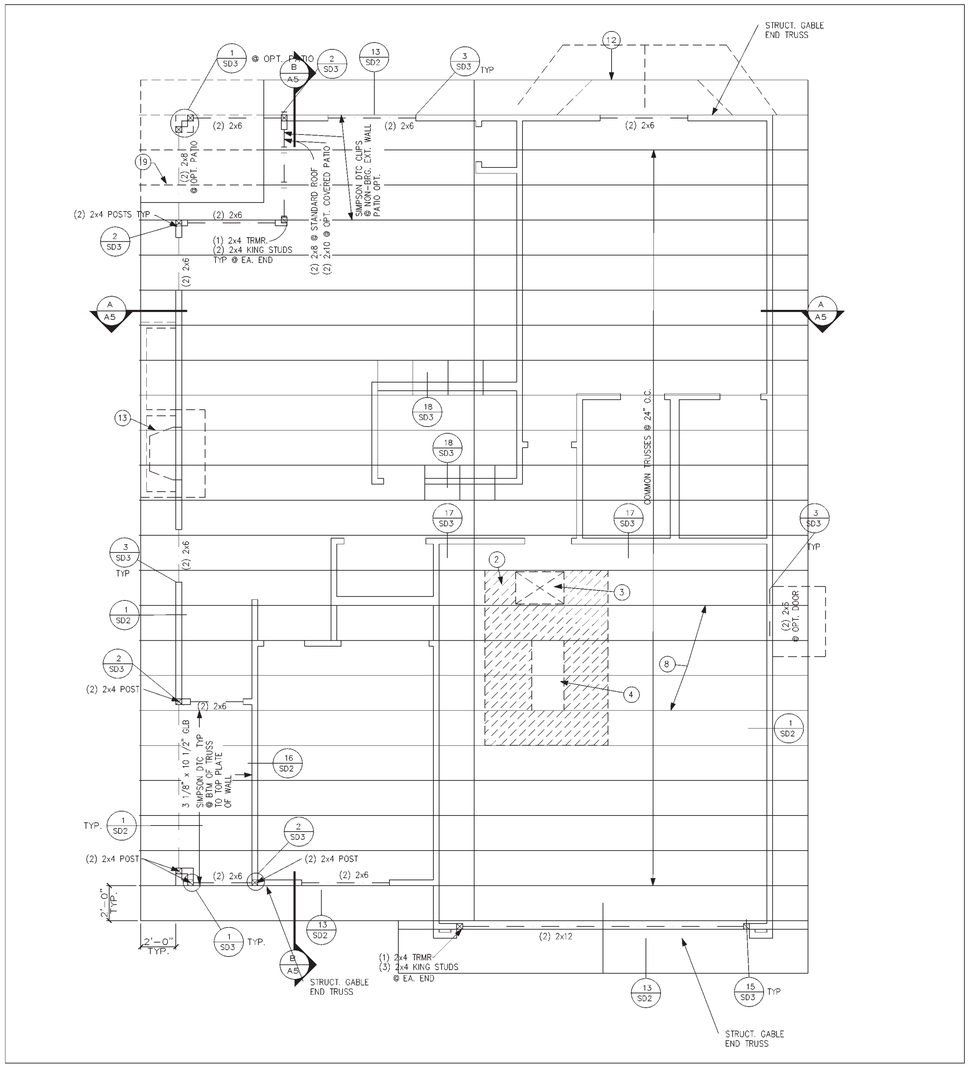
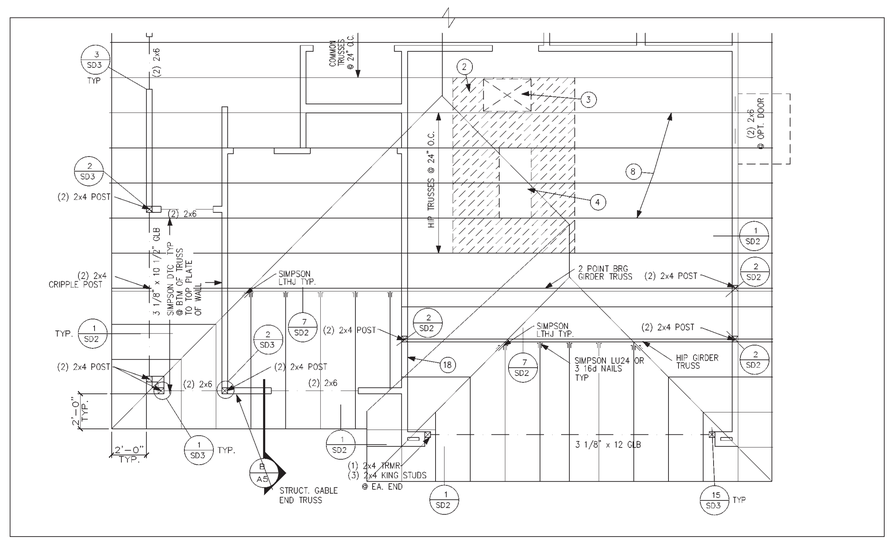
NOTICE:
EVEN THOUGH IT IS NOT REQUIRED BY ENGINEERING, IN ADDITION TO THOSE SPECIFIED ON THE ROOF FRAMING PLAN, THE FRAMER SHALL INSTALL SIMPSON DTC CLIPS AT ALL OTHER TRUSS/TOP PLATE CONDITIONS



ROOF FRAMING PLAN 'A'

SCALE: 1/4" = 1'-0"

NOTICE:
EVEN THOUGH IT IS NOT REQUIRED BY ENGINEERING, THE FRAMER SHALL INSTALL 1x4 LET-IN BRACING. THE BRACING SHALL BE INSTALL EACH WAY AT OR NEAR THE CORNERS OF EXTERIOR WALLS.



ROOF FRAMING PLAN 'B'

SCALE: 1/4" = 1'-0"

ATTIC VENTILATION CALCULATIONS 'A' & 'B'

ROOF SQUARE FOOTAGE	REQUIRED VENT SQ. FOOTAGE 1/300	ACTUAL VENTED AREA (S.F.)
1567	5.23	6.69

ELEVATION "A"

HIGH	2.5 – 2' DIA. GABLE VENT	3.75
LOW	6 – O'HAGEN VENTS	2.94
		TOTAL = 7.19 S.F.

ROOF SQUARE FOOTAGE	REQUIRED VENT SQ. FOOTAGE 1/300	ACTUAL VENTED AREA (S.F.)
1567	5.23	6.27

ELEVATION "B"

HIGH	1 – 8' TRIANGLE VENT	3.33
LOW	6 – O'HAGEN VENTS	2.94
		TOTAL = 6.76 S.F.

GABLE VENTS

SIZE	12x12	12x14	12x18	12x20	12x24	12x30	14x14	14x18	14x20	14x24	14x30	16x16
FREE VENT AREA	0.5	.58	.75	.83	1.0	1.25	.68	.88	.97	1.16	1.46	.88

SIZE	18x18	18x20	18x24	18x30	20x20	20x24	20x30	24x24	24x30	24x36	30x30
FREE VENT AREA	1.13	1.25	1.5	1.88	1.38	1.66	2.08	2.0	2.5	3	3.13

TRIANGLE GABLE LOUVER				DORMER VENTS			RIDGE VENTS	TILE VENTS	O'HAGIN VENTS
ROOF PITCH				ROOF PITCH					
5:12				4:12	5:12	6:12			
6"	8"	10"	12"						
FREE VENT AREA									
1.88	3.13	5.21	7.5						
EAVE VENTS									
.71	.86	1	1				LINEAR FEET		
							.083	.17	.49

VENT TYPE	FULL SCREEN VENT 22 1/2"x3 1/2"	3 HOLE VENTED BLOCKING
FREE VENT AREA	.41 SQ. FT	.043 SQ. FT

FULL SCREENED VENT BIRD BLOCKING

NOTE: PROVIDE FULL INSULATION – FILL AT FLAT ROOF AREAS OF PATIO AND DECKS.

GENERAL INFORMATION

1. USE SIMPSON H2.5 @ EA. TRUSS/JOIST AND EVERY OTHER STUD. IF SPAN EXCEEDS 22'-0" AT UNCLOSED AREAS AND GARAGES, USE ONE ANCHOR PER TRUSS/JOIST AND ONE ANCHOR PER STUD. FRAMING ANCHOR OF TYPE THAT ENGAGES BOTH PLATES (FRAMING ANCHOR AT STUD MAY BE OMITTED IF PLYWOOD OR EQUAL SHEATHING IS USED WITH NAILS TO TOP PLATE, EXCEPT UNCLOSED AREAS AND GARAGE.)
2. ALL TRUSSES TO BE DESIGNED AND MANUFACTURED BY AN ARIZONA APPROVED FABRICATOR.
3. 2x4 WOOD POST w/ KING STUD AT EACH END OF ALL EXTERIOR DOOR AND WINDOW OPENINGS.
4. PROVIDE ALL BLOCKING AND BRACING PER ALL APPLICABLE CODES AND/OR TRUSS MANUFACTURER SPECIFICATIONS – U.N.O.
5. PROVIDE 2x4 CEILING JOISTS PER CODE AT ALL AREAS WHERE REQUIRED
6. FRAMER TO PROVIDE 2x4 RIDGE POLES AS REQUIRED FOR TILED ROOF AREAS.
7. FLASH ALL CONDITIONS AS REQUIRED.
8. SEE COVER SHEET AND FLOOR PLAN FOR STRUCTURAL ENGINEERING INFORMATION U.N.O. ON ROOF FRAMING PLAN OR DETAIL SHEETS.

KEYNOTES

SEE COVER SHEET FOR OPTION INFORMATION

No.	DESCRIPTION
1	CONVENTIONAL OVER FRAMING.
2	A/C PLATFORM AND WALKWAY PER 1991 UMC 708 OR 1994 UMC 319. PROVIDE SOLID 2x BLOCKING AT ALL EDGES.
3	ATTIC ACCESS – SEE 1 / A-5 FOR DETAILS
4	AIR HANDLER
5	CRIPPLE WALL w/ 2 x 4 BLOCKING BELOW
6	CRICKET
7	NOT USED
8	DESIGN TRUSSES W/ SPACE FOR HVAC UNIT
9	LINE OF CEILING BREAK
10	FULL SCREEN VENT
11	CRIPPLE POST FROM GIRDER TRUSS TO HEADER
12	OPTIONAL BAY, SEE OPTIONS SHEET
13	OPT. FIREPLACE/MEDIA
14	NOT USED
15	NOT USED
16	NOT USED
17	3 POINTS BEARING TRUSSES
18	INTERIOR BEARING WALL / SHEAR WALL
19	LINE OF TRUSSES @ OPT. COVERED PATIO
20	NOT USED
21	CANTILEVERED TRUSSES

HANGER SCHEDULE

A	SIMPSON A35 OR A35F @ 24" O.C.
B	SIMPSON LTHJ HANGER (OR EQUAL)
C	SIMPSON THA29 (OR EQUAL)
D	SIMPSON LUS24 (OR EQUAL)
E	SIMPSON HU26-2 (OR EQUAL)
F	SIMPSON THJA26 (OR EQUAL)
G	SIMPSON HUS26 (OR EQUAL)
H	SIMPSON MSTI60 (OR EQUAL) NAIL NAIL @ BTM. OF TRUSS BTM CORD & ADJACENT WALL TOP PLATE CENTERED
I	SIMPSON U26 (OR EQUAL)
J	SIMPSON MTHM
K	SIMPSON DTC CLIPS
L	SIMPSON LUS26 (OR EQUAL)
M	NOT USED

REPUBLIC HOMES, L.L.C.
1845 S. DOBSON ROAD, SUITE 10
MESA, AZ 85202
PH. (480) 775-7273 FAX (480) 775-7278

[i] PLAN
4710 E. Falcon Dr. Suite 111
Mesa, AZ 85215
(602) 807-1539 (602) 807-1553

ROOF FRAMING PLAN

SHEET CONTENT:

PROJECT NO.: RH99-1018

DRAWN BY: I PLAN

DATE: 19 OCT 99

REVISIONS

Rev.	DATE:
1	
2	
3	
4	

PLAN 1045

SHEET A-3