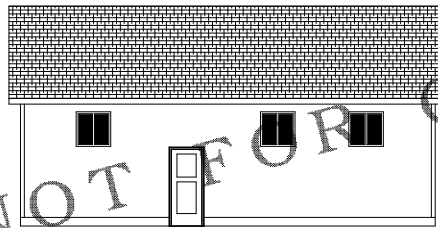




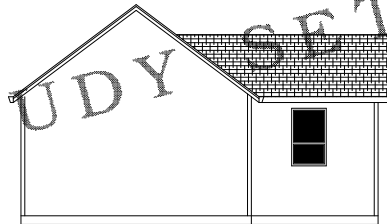
STUDY SET



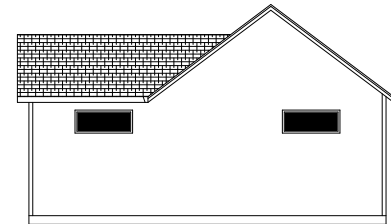
FRONT ELEVATION  
SCALE 1/4"=1'0"



REAR ELEVATION  
SCALE 1/8"=1'0"



LEFT SIDE ELEVATION  
SCALE 1/8"=1'0"



RIGHT SIDE ELEVATION  
SCALE 1/8"=1'0"

STUDY SET NOT FOR CONSTRUCTION



DATE	11/06/07	LF
REV		
REV		

PLAN 063 9F



FRAMING LUMBER: DOUGLAS FIR-LARCH GRADE LUMBER  
LUMBER GRADES:  
EXTERIOR WALL STUDS NO.2 OR BETTER  
INTERIOR NON-BEARING WALL STUDS - STANDARD OR BETTER  
INTERIOR BEARING WALL STUDS .....NO.2 OR BETTER  
JOISTS .....NO.2 OR BETTER  
BEAMS .....NO.1 OR BETTER UNLESS NOTED ON PLAN  
POSTS .....NO.1 OR BETTER UNLESS NOTED ON PLAN  
BLOCKING .....STANDARD OR BETTER  
SOLID BLOCKING USE SAME DEPTH AS MEMBERS

ANY WOOD IN CONTACT WITH CONCRETE MUST BE PRESURE TREATED PER 2006 IRC R304

GLUE LAMINATED MEMBERS:

MEMBER GRADES: USE WESTERN  
MEMBER GRADE: (SIMPLE, MULTIPLE SPAN OR CANTILEVERED SPANS) USE 24F-V4  
MATERIAL STANDARDS: ARCHITECTURAL GRADE APPEARANCE DO NOT USE 24F-L8E UNLESS NOTED & APPROVED BY A QUALIFIED SUPPLIER OR STRUCTURAL ENGINEER.

GLULAM COLUMNS: USE COMBINATION #3 DF

PLYWOOD SHEATHING

ROOF SHEATHING: 1/2" MIN. INDEX 32/16  
FLOOR SHEATHING: 3/4" MIN. INDEX 48/24 T&G  
WALLS SHEATHING: 7/16" MIN. INDEX 32/0

ENGINEERED WOOD PRODUCTS MUST CONFORM WITH ALL APPLICABLE PROVISIONS OF THE IBC 2006 CODE

WOOD PRODUCT MANUFACTURER:

TRUSS JOIST: T-JI SERIES JOIST OR  
BOISE ENGINEERING #100 SERIES JOISTS

ASSEMBLIES AND HANGERS, AS REQUIRED TO PROVIDE A COMPLETE FLOOR OR ROOF STRUCTURAL SYSTEM PER I-JOIST MANUF.

RIM BOARD:

1 1/4" WIDE, 13E GRADE UNLESS NOTED ON PLAN OR APPROVED BY JOIST SUPPLIER OR STRUCTURAL ENGINEER

BEARING REQUIREMENTS FOR MECHANICAL UNITS:

JOIST SUPPLIER AND CONTRACTOR TO DOUBLE ALL JOISTS MEMBERS UNDER MECH. UNITS UNLESS NOTED OTHERWISE. DO NOT NOTCH OVERHEAD STRUCTURAL MEMBERS, EXCEPT AS APPROVED BY STRUCTURAL ENGINEER

SIDING:

SIDING TO BE DETERMINED BY OWNER/BUILDER

GARAGE / DWELLING SEPARATION:

ON THE GARAGE SIDE OF WALLS AND CEILING WITH A MIN. 1/2" GWD AND 3/8" TYPE "X" GWD AT CEILING WITH HABITABLE ROOMS ABOVE.

INSULATION R-VALUES:

2X4 WALLS: R-15 MIN.  
2X6 WALLS: R-21 MIN.  
ROOF CAVITIES: R-38 MIN.  
VAULTED ROOF CAVITIES: R-30 MIN.  
UNDER SLAB: R-10 RIGID MIN., 24" HORIZONTAL LENGTH MIN.  
INSULATION BAFFLES AT VENTS (PER IDG 1203.2)  
FLOOR CAVITIES:  
R-30 MIN. WITH 1" MIN. AIR SPACE FOR VENTING (PER IDG 1203.2)

CRAWLSPACE:

18" MIN. CLEARANCE FROM GRADE TO BOTTOM OF FLOOR JOIST AND MIN. 12" CLEARANCE TO BOTTOM OF GIRDERS OR BEAMS IN THE CRAWLSPACE

ROOF:

COMPOSITION ROOF SHINGLES MUST BE A MINIMUM OF 25-YEAR ON 15" FELT ON 1/2" PLYWOOD OR MANUF. TRUSS OR RAFTERS 24" O/C PER 2006 IRC R905. USE SIMPSON 2.5 "H" CLIP ON EACH TRUSS OR RAFTER

ATTIC VENTILATION:

ATTIC VENTILATION MUST BE 100% OF THE ATTIC AREA OR 1/200th OF ATTIC AREA IF AT LEAST 90 PERCENT BUT NOT MORE THAN 80 PERCENT OF THE REQUIRED VENTILATION IS 3 FEET ABOVE THE EAVE OR GORGE VENTS OR PROVIDE A MOISTURE BARRIER ON THE WARM SIDE OF THE CEILING (PER 2006 IRC R806)

OVERHANGS:

OVERHANGS ARE TO BE DETERMINED BY OWNER/BUILDER

GUTTERS:

GUTTERS ARE TO BE DETERMINED BY OWNER/BUILDER

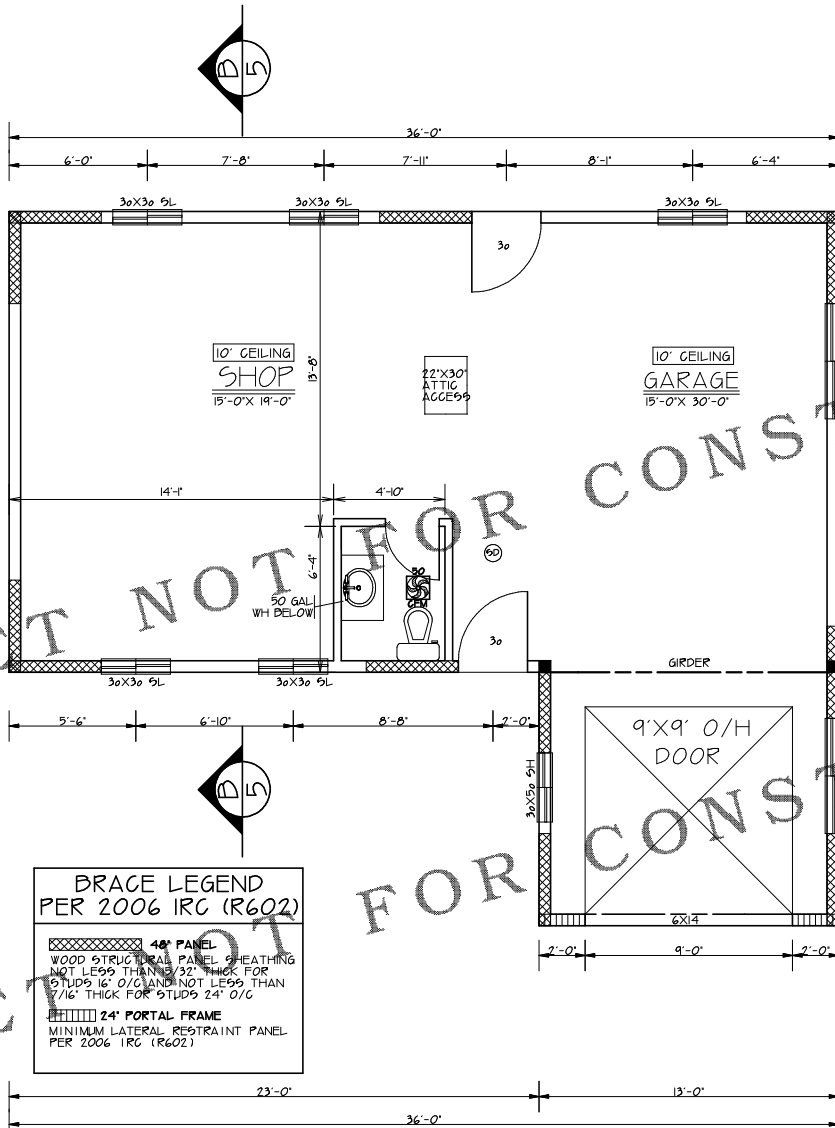
NOTE: VERIFY EXISTING CONDITIONS BEFORE WORK BEGINS. VERIFY ALL ELECTRICAL & PLUMBING BRACE ANY STRUCTURAL MEMBERS BEFORE DEMOLITION AND RECONSTRUCTION

MATCH NEW DECK HEIGHT W/ EXISTING DECK HEIGHT VERIFY ON SITE

VERIFY ALL EXISTING WALLS TO BE REMOVED WITH OWNER

VERIFY ALL INTERIOR DIMENSIONS PER SITE

MATCH EXISTING CEILING HEIGHT



**BRACE LEGEND PER 2006 IRC (R602)**

- 48" PANEL WOOD STRUCTURAL PANEL SHEATHING NOT LESS THAN 3/2" THICK FOR STUDS 16" O/C AND NOT LESS THAN 7/16" THICK FOR STUDS 24" O/C
- 24" PORTAL FRAME MINIMUM LATERAL RESTRAINT PANEL PER 2006 IRC (R602)

**FLOOR PLAN AREA**  
SCALE 1/4"=1'-0"  
GARAGE/SHOP 863 SF

SMOKE DETECTORS SHALL BE INSTALLED IN EACH SLEEPING ROOM AND CENTRALLY LOCATED IN ADJACENT CORRIDOR. SMOKE DETECTORS SHALL BE INSTALLED ON EACH FLOOR LEVEL AND IN BASEMENTS. DETECTORS SHALL SOUND ALARM AUDIBLE IN ALL SLEEPING AREAS AND SHALL BE EQUIPPED WITH BATTERY BACK-UP.

- NOTE: BLACKENED AREA - POSTS OR STUDS**
- 6X6 POSTS OR 12X12
  - 4X6 POSTS OR 12X6
  - 4X4 POSTS OR 12X4
- 6X8 HDR MIN. 7'-9" CEILING  
4X10 HDR MIN. 8'-0" CEILING  
4X10 HDR MIN. 9'-0" CEILING
- TYPICAL 4X4 POSTS USE SIMPSON EPD44T POST BASE AND SIMPSON 12G4 POST CAP OR EQUI. FOR 4X4 POST CONNECTIONS UNLESS NOTED BY BUILDER/ENGINEER
- TYPICAL 6X6 POSTS USE SIMPSON 12G6 POST BASE AND SIMPSON 12G6 POST CAP OR EQUI. FOR 6X6 POST CONNECTIONS UNLESS NOTED BY BUILDER/ENGINEER
- DESIGN LOADS:**  
GROUND SNOW LOAD  
0'-600 ELEVATION-10psf PWF  
60'-800 ELEVATION-10psf PWF  
80'-1000 ELEVATION-20psf PWF  
1000' ELEVATION- SITE-SPECIFIC GAGE STUDY NEEDED

**MIN. LOADS**

FLOOR:  
LIVE 40 PWF  
DEAD 10 PWF

ROOF:  
LIVE 25 PWF  
DEAD 15 PWF

DECKS:  
LIVE 40 PWF  
DEAD 20 PWF

GOVERNING DESIGN CODE: VERSION 14  
2006 INTERNATIONAL BUILDING CODE  
2006 INTERNATIONAL RESIDENTIAL CODE WITH WASHINGTON STATE AMENDMENTS

**GENERAL:**  
INVESTIGATIONS AND CODES REFERENCED IN THESE NOTES ARE THE VERSIONS MOST RECENTLY ADOPTED BY THE PERMITTING AUTHORITY. FIELD VERIFY DIMENSIONS AND ELEVATIONS RELATIVE TO THE EXISTING STRUCTURE PRIOR TO FABRICATION OF MATERIALS. FOR FEATURE CONSTRUCTION FIELD VERIFY DIMENSIONS ON LOT WITH SETBACKS AND ELEVATIONS RELATIVE TO HEIGHTS LIMITS, PER GCR'S OR PER LOCAL JURISDICTIONS. APPLY, PLACE, ERECT OR INSTALL ALL PRODUCTS AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, ADEQUATELY BRACING STRUCTURE AND ALL STRUCTURAL COMPONENTS AGAINST WIND, LATERAL EARTH AND SEISMIC FORCES UNTIL THE PERMANENT LATERAL FORCE RESISTING SYSTEMS HAVE BEEN INSTALLED. PROVIDE BLOCKING BETWEEN STUDS (OR OTHER MEANS OF BRACING AT WOOD BEARING WALLS TO PREVENT STUD BUCKLING PRIOR TO INSTALLATION OF GYPSUM WALLBOARD.