

GA FILE NO. WP 3661	GENERIC	1 HOUR FIRE
GYPSUM WALLBOARD, WOOD STUDS		
<p>MINIMUM FIRE RATING: 1 HOUR</p> <p>1.5" MIN. GYPSUM WALLBOARD (5/8" MIN. THICKNESS) ON EACH SIDE OF 2" x 4" WOOD STUDS (12" O.C. MAX.) WITH 2x4" TYPE 2 OR 3X3" (MINIMUM) 12" O.C. 2x4" INTERIOR FLOOR JOISTS (MINIMUM 2x4" TYPE 2 OR 3X3" (MINIMUM) 12" O.C. 2x4" INTERIOR FLOOR JOISTS) (MINIMUM 2x4" TYPE 2 OR 3X3" (MINIMUM) 12" O.C. 2x4" INTERIOR FLOOR JOISTS)</p> <p>Vertical joints staggered 18" o.c. Horizontal joints staggered 24" o.c. on opposite sides.</p> <p>Noted as to 1/8" the net area or 100 percent of design load. (LOAD BEARING)</p>		
Thickness: 5/8"	GA File: WP 3661	Rev: 01/10
Approved: [Signature]	Drawn: [Signature]	Checked: [Signature]

FRAMING LUMBER: DOUGLAS FIR-LARCH GRADE LUMBER

LUMBER GRADES:

EXTERIOR WALL STUDS: NO.2 OR BETTER

INTERIOR NON-BEARING WALL STUDS: NO.2 OR BETTER

INTERIOR BEARING WALL STUDS: NO.2 OR BETTER

JOISTS: NO.2 OR BETTER

BEAMS: NO.2 OR BETTER UNLESS NOTED ON PLAN

POSTS: NO.2 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 PRESSURE TREATED PER 2012 IRC R317.1(2)

GLUE LAMINATED MEMBERS:

MEMBER SPECIES: USE WESTERN

MEMBER GRADE: SIMPLE, MULTIPLE SPAN OR GANTILEVERED

SPANS: USE 24F-V-4

MATERIAL STANDARDS: ARCHITECTURAL GRADE APPEARANCE

DO NOT USE 24F-V-4 UNLESS NOTED & APPROVED BY A QUALIFIED SUPPLIER OR STRUCTURAL ENGINEER.

GLULAM COLUMNS: USE COMBINATION #3 DF

PLYWOOD SHEATHING: 7/16" MIN INDEX 32/16

ROOF SHEATHING: 3/4" MIN INDEX 48/24 T&G

FLOOR SHEATHING: 3/4" MIN INDEX 48/24 T&G

WALLS SHEATHING: 7/16" MIN INDEX 32/16

ENGINEERED WOOD PRODUCTS MUST CONFORM WITH ALL APPLICABLE PROVISIONS OF THE IBC 2012 CODE

WOOD PRODUCT MANUFACTURER:

TRUSS JOIST: T-J SERIES JOIST OR DOISE ENGINEERING -DGI 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 1.3E 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 OR DRILL STRUCTURAL MEMBERS, EXCEPT AS APPROVED BY THE 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 5/8" 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-49 MIN

VAULTED ROOF CAVITIES: R-49 MIN

UNDER SLAB: R-10 RIGID MIN. 2" HORIZONTAL LENGTH MIN

INSULATION DAFFLES AT VENTS (PER 2012 IBC 1203.2)

FLOOR CAVITIES: R-30 MIN

WITH 1" MIN. AIR SPACE FOR VENTING (PER 2012 IBC 1203.2)

CRAWLSPACE:

15" 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 30-YEAR ON 15# FELT ON 7/16" SHEATHING ON MANUF. TRUSS OR RAFTERS 24" O/C PER 2009 IRC SECTION R802, 803 & 805 USE SIMPSON 2.5 1" CLIP ON EACH TRUSS OR RAFTER

ATTIC VENTILATION:

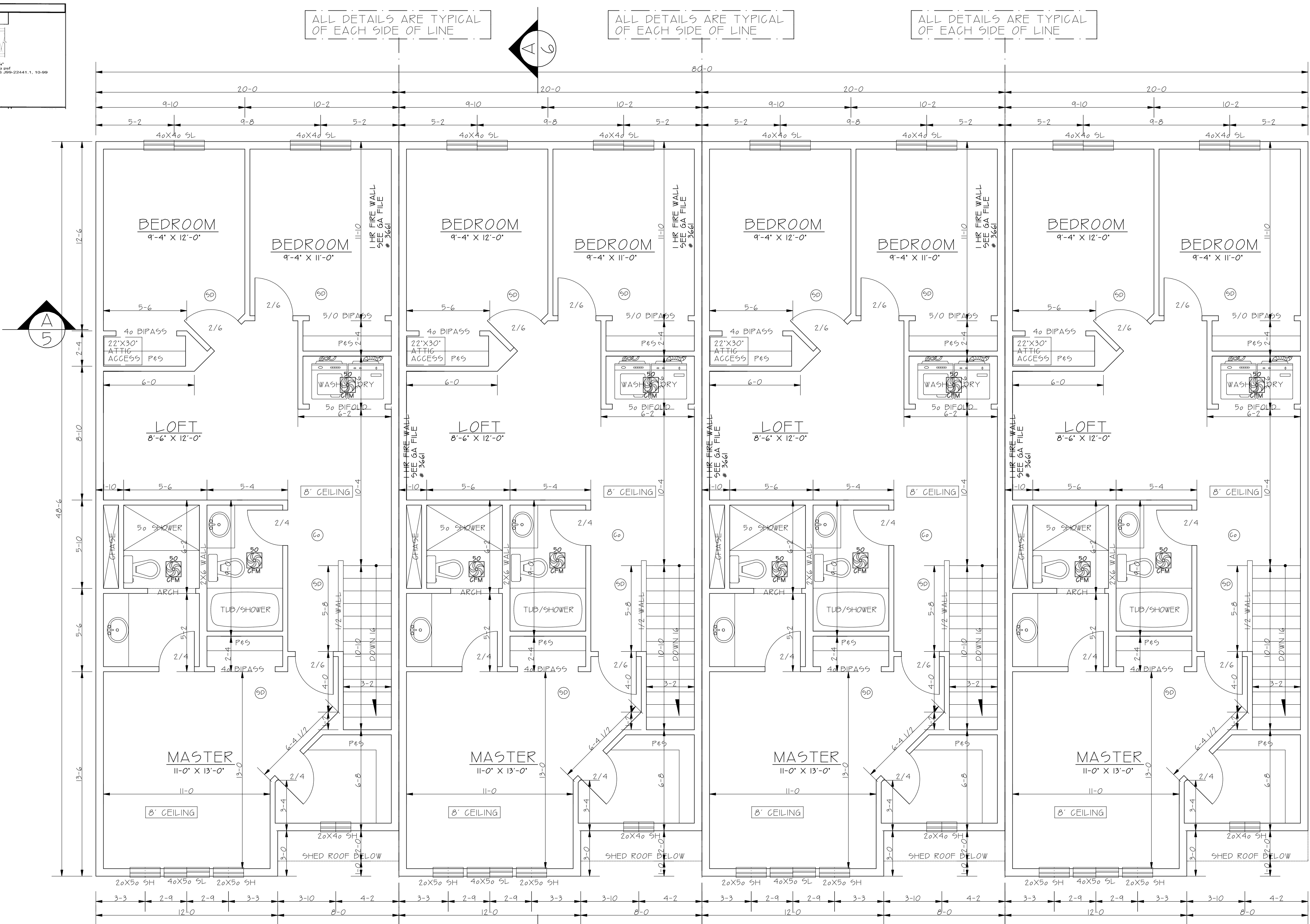
ATTIC VENTILATION MUST BE 1/50th OF THE ATTIC AREA OR 1/200th OF ATTIC AREA IF AT LEAST 50 PERCENT BUT NOT MORE THAN 80 PERCENT OF THE REQUIRED VENTILATION IS 3 FEET ABOVE THE EAVE OR CORNICE VENTS OR PROVIDE A MOISTURE BARRIER ON THE WARM SIDE OF THE CEILING (PER 2009 IRC R906)

OVERHANGS:

OVERHANGS ARE TO BE DETERMINED BY OWNER/BUILDER

GUTTERS:

GUTTERS ARE TO BE DETERMINED BY OWNER/BUILDER



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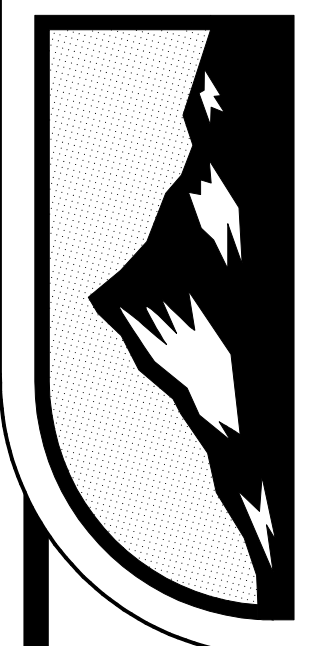
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REFER TO ENGINEERING SHEETS FOR SPECS IF LATERAL ENGINEERING IS REQUIRED ACCORDING TO LOCAL BUILDING CODES AND/OR ZONING REGULATIONS.

2ND FLOOR PLAN
SCALE 1/4"=1'-0"



DATE	1540 4-PLEX
REV	05-17-16
REV	06-08-12