

ALL WINDOWS & DOORS TO BE TEMPERED.

ALL EXTERIOR DOORS TO HAVE BREAK-AWAY HARDWARE

MAIN FLOOR PLAN

HEADERS HEIGHTS:
ALL HEADERS HEIGHTS FOR WINDOWS AND DOORS TO BE 48" AFF. UNLESS OTHERWISE NOTED BY THE BUILDER OR HOMEOWNER.

STAIRS, HANDRAILS:
STAIRS HANDRAILS: 1. GUARDS 48 PER 2008 IRC SECTION R51 AND R52 (TYPICAL)

WATER HEATER PAN:
INSTALL WATER HEATER DRAIN PAN (GALVANIZED STEEL OR ALUMINUM) ON 2" HIGH PLATFORM

CarpetsPlus
COLORTILE
arrowhead home center
(920) 532-1088 (BEHIND NATIVE NEW YORKER)
All Arrowhead Drafting customers receive 10% off everything in the store.

DRYER VENT:
DOMESTIC DRYER VENT SHALL NOT EXCEED 20' MAXIMUM LENGTH WITH A REDUCTION OF 2.5 FEET FOR EVERY 45 DEGREE ELBOW AND 5 FEET FOR EACH 90 DEGREE. 300K ICM BOLS

STEEL BOLLARD:
PROVIDE PROTECTIVE BARRIER AGAINST VEHICULAR DAMAGE (STEEL BOLLARD) FOR HEATING/COOLING EQUIPMENT AND WATER HEATERS INSTALLED IN GARAGE AREA. (IRC SECTION W802.3.1)

GARAGE FIRE RATED DOOR:
IN RESIDENTIAL CONSTRUCTION THE DOOR IN THE HOOR SEPARATION WALL BETWEEN THE GARAGE AND THE HOUSE MUST BE TIGHT-FITTING SOLID WOOD MINIMUM 1 3/8" IN THICKNESS OR TIGHT-FITTING LABELLED 20 MINUTE-RATED FIRE DOOR.

FIREPLACE BARRIERS:
PROVIDE AN APPROVED BARRIER BETWEEN FACTORY REPLACEMENT BOXES AND CHIMNEYS AND BUILDING ISOLATION. CLEARANCE SHALL BE MAINTAINED BETWEEN THE CHIMNEY AND COMBUSTIBLE BARRIERS, AS WELL AS BUILDING ISOLATION PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

W/H RELIEF VALVE:
WATER HEATER RELIEF VALVE IS TO EXTEND TO THE OUTSIDE OF THE BUILDING WITH THE TERMINATION POINT OF THE PIPE NOT MORE THAN 2' NOR LESS THAN 48" ABOVE GRADE AND POINTING DOWNWARD. (IRC SECTION P305)

SQUARE FOOTAGE

MAIN FLOOR PLAN	5455 SQ. FT.
UPPER FLOOR PLAN	2181 SQ. FT.
TOTAL LIVABLE AREA	7636 SQ. FT.
GARAGE AREA	116 SQ. FT.
TOTAL ENCLOSED AREA	6481 SQ. FT.
BALCONY #1	66 SQ. FT.
BALCONY #2	153 SQ. FT.
TOTAL UNENCLOSED AREA	191 SQ. FT.
TOTAL UNDER ROOF	6650 SQ. FT.

WATER CALCULATIONS

TYPE OF FIXTURE	NO. OF UNITS VALUE	NO. OF FIXTURE	TOTAL UNITS
WATER CLOSETS	5 x 4	4	12
SHOWER	2 x 0	0	0
TUB OR TUBSHOWER	2 x 0	0	0
LAVATORY	1 x 4	4	4
KITCHEN SINK	2 x 2	4	4
DISH WASHER	2 x 0	0	0
ICE MAKER	1 x 1	1	1
HOSE BIBBS	5 x 2	6	6
WASHER	4 x 1	4	4
SERVICE SINK	2 x 0	0	0
MOBILE HOME	12 x 0	0	0
			TOTAL 32

COMBUSTION AIR VENTS:
PROVIDE (2) AIR VENT WHICH PROVIDE 100 SQ. INCHES OF NET FREE AREA EACH. ONE SHALL BE PLACE WITHIN 12" OF THE CEILING AND THE OTHER WITHIN 12" OF FLOOR.

COMBUSTION AIR CALC 'A'

APPLIANCES	ROOMS
(1) FIREPLACE - 100000 BTU	(1) GARAGE, (1) HALLWAY, (1) LOUNGE, (1) KITCHEN, (1) OFFICE #1, AND CONFERENCE #1
TOTAL BTUS = 400,000	TOTAL CU. FT. = 80,020
400 X 50 = 20000 REQ'D	80,020 CU. FT. PROVIDED

COMBUSTION AIR CALC 'B'

APPLIANCES	ROOMS
(1) FIRE = 50000 BTU	(1) GARAGE
TOTAL BTUS = 100,000	TOTAL CU. FT. = 1710
100 X 50 = 5000 REQ'D	1710 CU. FT. PROVIDED



PROCON SALES OFFICE

PHOENIX, AZ

MAIN FLOOR PLAN

PROCON HOMES
480-229-1525

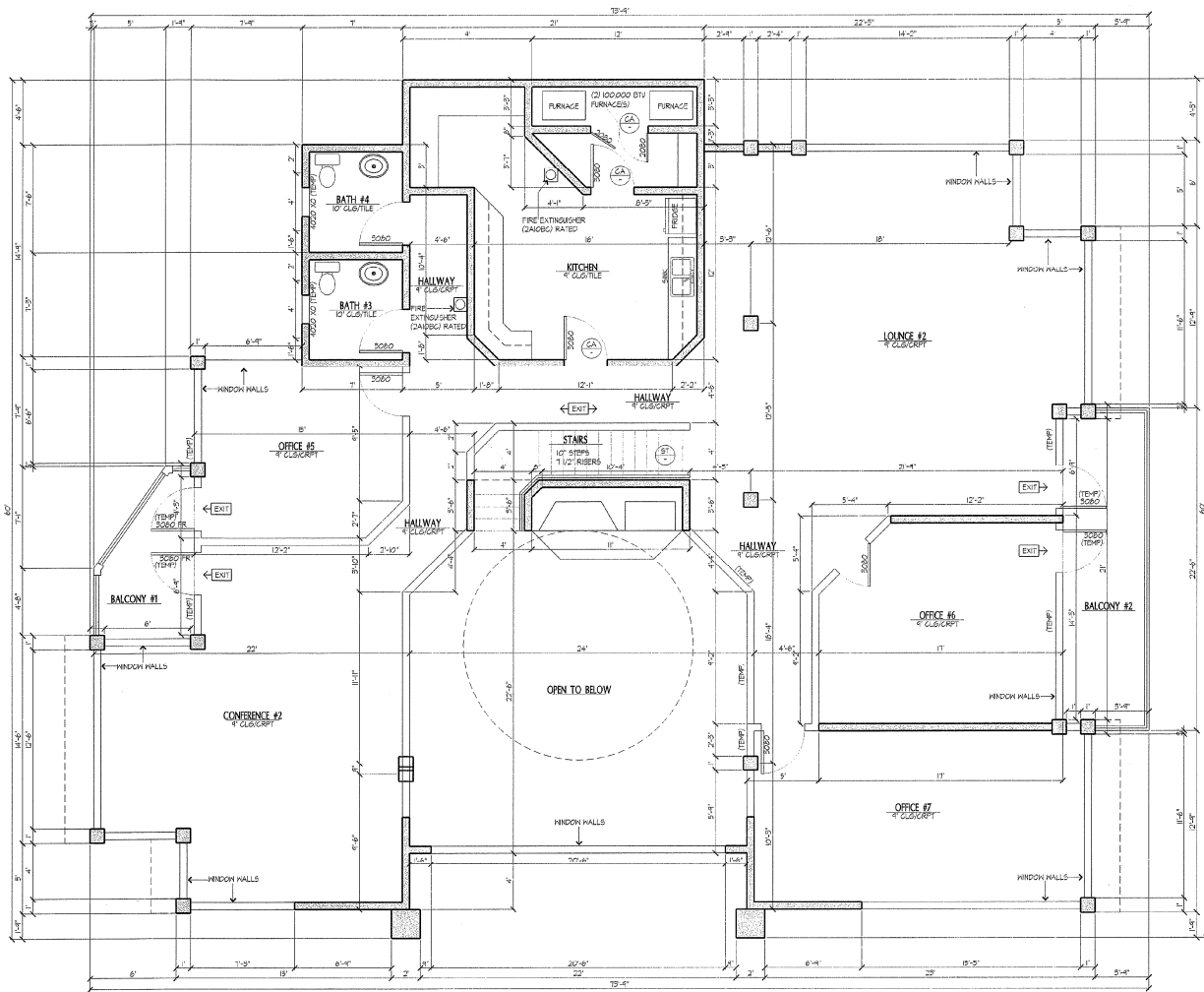
ARROWHEAD DRAFTING, LLC
PO Box 1044 / Phoenix, AZ / 85009 - www.arrowheaddrafting.com
Email: arrowheaddrafting@frontiernet.net - Phone (602) 961-3589

DATE: 03/20/08
SCALE: 1/4"=1'-0"
SHEET:

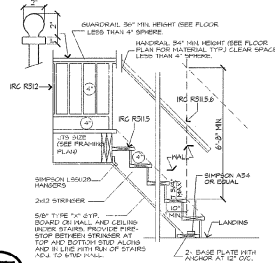
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FIREPLACE DETAILS

NTS



UPPER FLOOR PLAN



ST GUARD-RAIL/STAIR DETAILS

ALL EXTERIOR DOORS TO HAVE BREAK-AWAY HARDWARE

Carpets Plus COLORTILE
 arrowhead home center
 (602) 532-1088 (BEHIND NATIVE NEW YORKER)
 All Arrowhead Drafting customers receive 10% off everything in the store.

ARROWHEAD DRAFTING

DRYER VENT:
 DOMESTIC DRYER VENT SHALL NOT EXCEED 25' MAXIMUM LENGTH WITH A REDUCTION OF 2.5 FEET FOR EVERY 45 DEGREE BLOW AND 5 FEET FOR EACH 90 DEGREE. 2006 IRC S15.1

STEEL BOLLARD:
 PROVIDE PROTECTIVE BARRIER AGAINST VEHICULAR DAMAGE (SEE SCHEDULE FOR HEATING/COOLING EQUIPMENT AND WATER HEATERS INSTALLED IN GARAGE AREA. (IRC SECTION H3071.3))

GARAGE FIRE RATED DOOR:
 IN RESIDENTIAL CONSTRUCTION THE DOOR IN THE HOUR SEPARATION WALL BETWEEN THE GARAGE AND THE HOUSE MUST BE TIGHT-FITTING SOLID WOOD MINIMUM 1 3/4" THICKNESS OR TIGHT-FITTING LABELLED 20 MINUTE-RATED FIRE DOOR.

FIREPLACE BARRIERS:
 PROVIDE AN APPROVED BARRIER BETWEEN FACTORY FIREPLACE BOXES AND CHIMNEYS AND BUILDING INSULATION. CLEARANCE SHALL BE MAINTAINED BETWEEN THE CHIMNEY AND COMBUSTIBLE BARRIERS AS WELL AS BUILDING INSULATION PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

W/H RELIEF VALVE:
 WATER HEATER RELIEF VALVE IS TO EXTEND TO THE OUTSIDE OF THE BUILDING WITH THE TERMINATION POINT OF THE PIPE NOT MORE THAN 2" NOR LESS THAN 6" ABOVE GRADE AND POINTING DOWNWARD. (IRC SECTION P2805)

SQUARE FOOTAGE

MAIN FLOOR PLAN	9,459 SQ. FT.
UPPER FLOOR PLAN	2,181 SQ. FT.
TOTAL LIVABLE AREA	6,240 SQ. FT.
GARAGE AREA	191 SQ. FT.
TOTAL ENCLOSED AREA	6,431 SQ. FT.
BALCONY #1	86 SQ. FT.
BALCONY #2	105 SQ. FT.
TOTAL UNENCLOSED AREA	191 SQ. FT.
TOTAL UNDER ROOF	6,622 SQ. FT.

WATER CALCULATIONS

TYPE OF FIXTURE	NO. OF UNITS VALUE	NO. OF FIXTURES	TOTAL UNITS
WATER CLOSETS	3 x 4	4	12
SHOWER	2 x 0	0	0
TUB OR TUB/SHOWER	4 x 0	0	0
LAVATORY	1 x 4	4	4
KITCHEN SINK	2 x 2	2	4
DISH WASHER	2 x 0	0	0
ICE MAKER	1 x 2	2	2
HOSE BIBBS	2 x 2	2	4
WASHER	4 x 1	4	4
SERVICE SINK	2 x 0	0	0
BANK SINK	1 x 0	0	0
MOBILE HOME	12 x 0	0	0
TOTAL			52

COMBUSTION AIR VENTS
 PROVIDE (2) AIR VENT WHICH PROVIDE 100 SQ. INCHES OF NET FREE AREA EACH. ONE SHALL BE PLACED WITHIN 12" OF THE CEILING AND THE OTHER WITHIN 12" OF FLOOR.

COMBUSTION AIR CALC 'A'

APPLIANCES	ROOMS
(4) FURNACES = 100,000 BTU	LARGE LOUNGE #1, HALLWAYS
	STAIRS, LOUNGE #2, KITCHEN
	OFFICE #5, AND CONFERENCE #2
TOTAL BTUS = 400,000	TOTAL CU. FT. = 80,000
400 X 50 = 20000 REQ'D	80000 CU. FT. PROVIDED

COMBUSTION AIR CALC 'B'

APPLIANCES	ROOMS
(2) FURN = 80,000 EACH	GARAGE
	SEE VENT DETAILS WILL PROVIDE UNLIMITED VENTING CAPACITY
TOTAL BTUS = 80,000	TOTAL CU. FT. = 170
100 X 50 = 5,000 REQ'D	170 CU. FT. PROVIDED

WATER HEATER PANS
 INSTALL WATER HEATER DRAIN PAN GALVANIZED STEEL OR ALUMINUM ON 3" HIGH PLATFORM

HEADERS HEIGHTS:
 ALL HEADERS HEIGHTS FOR WINDOWS AND DOORS TO BE 80" AFF. UNLESS OTHERWISE DETERMINED BY THE BUILDER OR HOMEOWNER.

STAIRS, HANDRAILS:
 STAIRS, HANDRAILS & GUARDS AS PER 2006 IRC SECTION R01 AND R012 (TYPICAL)

PROCON SALES OFFICE

SHOW LOW, AZ

UPPER FLOOR PLAN

PROCON HOMES

480-229-1525

ARROWHEAD DRAFTING, LLC
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 Email: arrowheaddrafting@arrowsdraft.com - Phone (1102) 361-2295

DATE: 05/31/08
 SCALE: 1/4"=1'-0"

SHEET: 4