PRESCRIPTIVE ENVELOPE REQUIREMENTS	
UNDERFLOOR	R-30
WALLS(4)	U-0.33
ABOVE GRADE WALL	R-21 intermediate
FLAT CEILINGS	R-49
VAULTED CEILINGS	R-30 advanced
SLAB-EDGE PERIMETER	R-15
HEATED SLAB INTERIOR	R-10
SKYLIGHTS	U-0.60
EXTERIOR DOORS	U-0.20
EXTERIOR DOORS W/ 2.5 ft GLAZING	U-0.40
FORCED AIR DUCT INSULATION	R-8

ADDITIONAL MEASURES CHOSEN

2 High efficiency envelope:

- Exterior walls - R-21 Intermediate framing, and
- Vaulted ceilings - R-30 Advanced framing (d,e), and
- Flat ceilings - R-49, and
- Framed floors - R-30, and
- Windows - U-0.30, and
- ADDITIONAL 15% OF PERMANENTLY INSTALLED LIGHTING FIXTURES AS HIGH-EFFICACY LAMPS

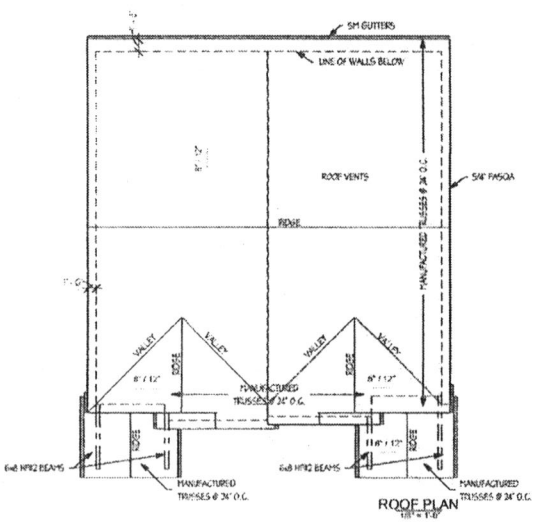
A - High Efficiency HVAC System

Gas-fired furnace or boiler with 90% minimum AFUE (sealed combustion air ducted directly from outdoors or boiler is within conditioned space)

FOOTNOTES

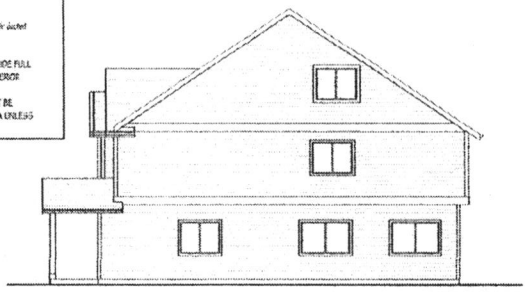
d - A = ADVANCED FRAME CONSTRUCTION, WHICH SHALL PROVIDE FULL REQUIRED CEILING INSULATION VALUE TO THE OUTSIDE OF EXTERIOR WALLS

e - THE MAXIMUM VAULTED CEILING SURFACE AREA SHALL NOT BE GREATER THAN 50% OF THE TOTAL HEATED SPACE FLOOR AREA UNLESS VAULTED AREA HAS A U-FACTOR NO GREATER THAN U-0.026.

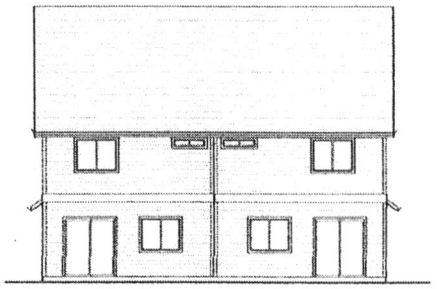


ROOF PLAN

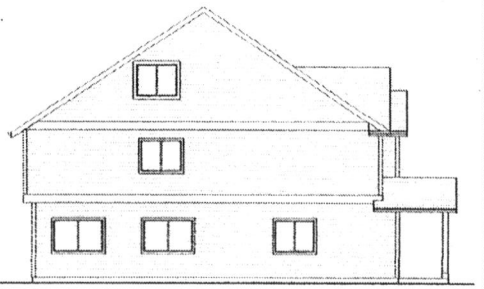
FRONT



RIGHT



REAR



LEFT

BUILDERS DESIGN INC

COMMERCIAL · RESIDENTIAL · REMODELING
11234 SE MILLER ST. · PORTLAND, OR 97229
PHONE: 503-407-1234 · FAX: 503-761-1234
EMAIL: BUILDERSDESIGN@GMAIL.COM

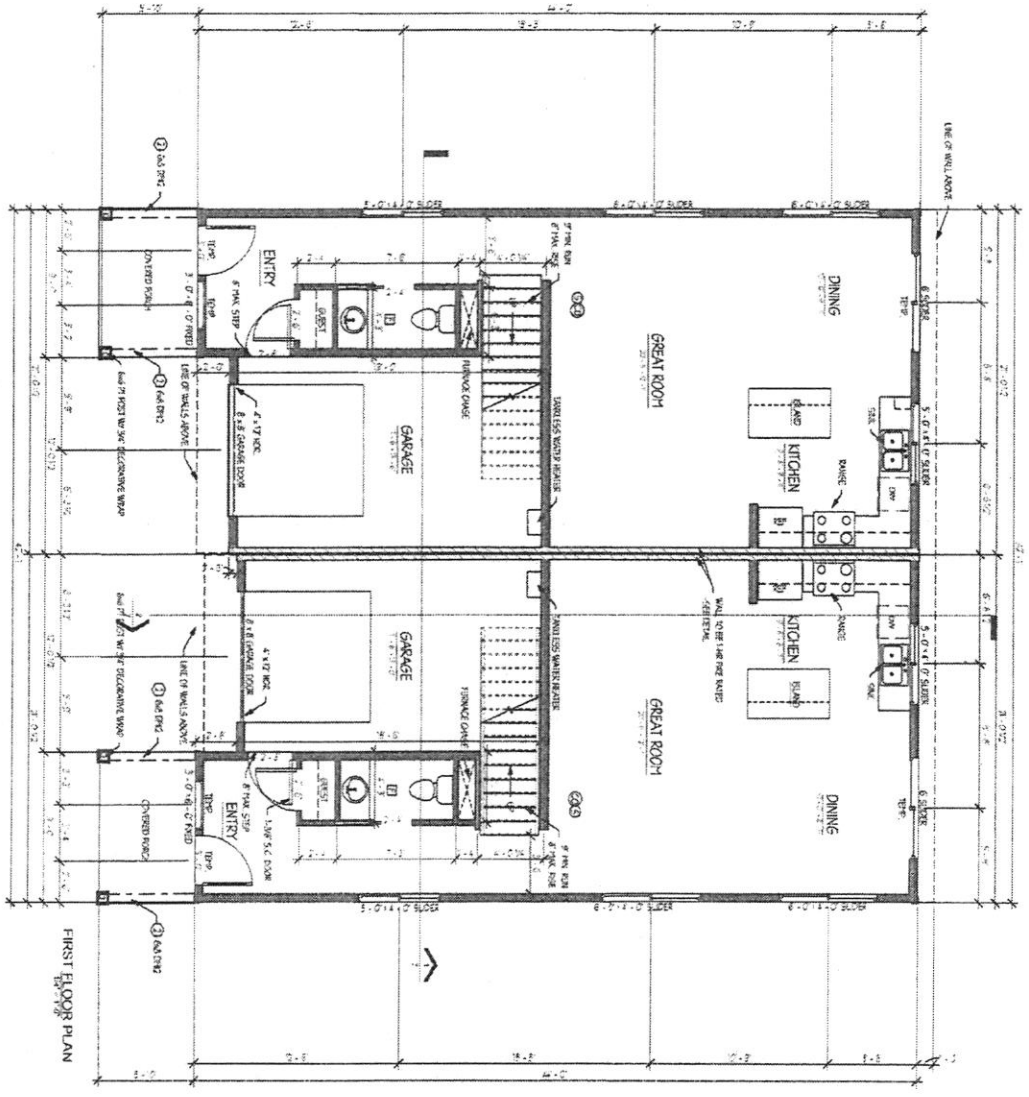
All ideas, arrangements, plans, designs indicated or represented by this drawing are the property of the Architect and were created, evolved and developed for use on and in connection with the specified project. None of such ideas, arrangements, plans, designs or drawings shall be used by or disclosed to any person, firm or corporation for any purpose whatsoever without the written permission of the Architect. The visual contrast between new work and existing adjacent surfaces is the responsibility of the contractor. Contractor shall verify and be responsible for all dimensions and conditions shown by these drawings. Drawings are not to be scaled. Contractor shall notify Architect of any variations from the dimensions and conditions shown by these drawings. Should actual field conditions vary significantly from those shown, Architect reserves the right to revise the design. Contractor to visit site and become familiar with conditions before commencing work.

RYAN HOMES, INC

ELEVATIONS AND ROOF PLAN

Project number	10215
Date	10/14/2015 10:41:13 AM
Drawn by	KG
Area	2,016 ft²
Scale	As indicated

1



2

RYAN HOMES, INC

FIRST FLOOR PLAN

10215

1/4" = 1'-0"

672 SF

KG

All ideas, arrangements, drawings and plans set forth on this sheet are the original work product of, owned by, and are the property of Builders Design, Inc., and Oregon corporation, and are not the said work product is limited to a specific project for the persons named hereon, and for the construction of one building. Any use, reuse or disclosure of said plans, reproductions or project, ideas, designs and/or arrangements, other than by Builders Design, Inc., is strictly prohibited without the written permission of Builders Design, Inc. Written dimensions on these drawings have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to this office for approval before proceeding with fabrication. Supervision is not included unless specified in work contract.

BUILDERS DESIGN INC
COMMERCIAL - RESIDENTIAL - REMODELING
11125 NE WEIDLER ST. - PORTLAND, OR 97220
PHONE: (503) 252-3453 - FAX: (503) 252-3454
EMAIL: BUILDERSDESIGN@GMAIL.COM