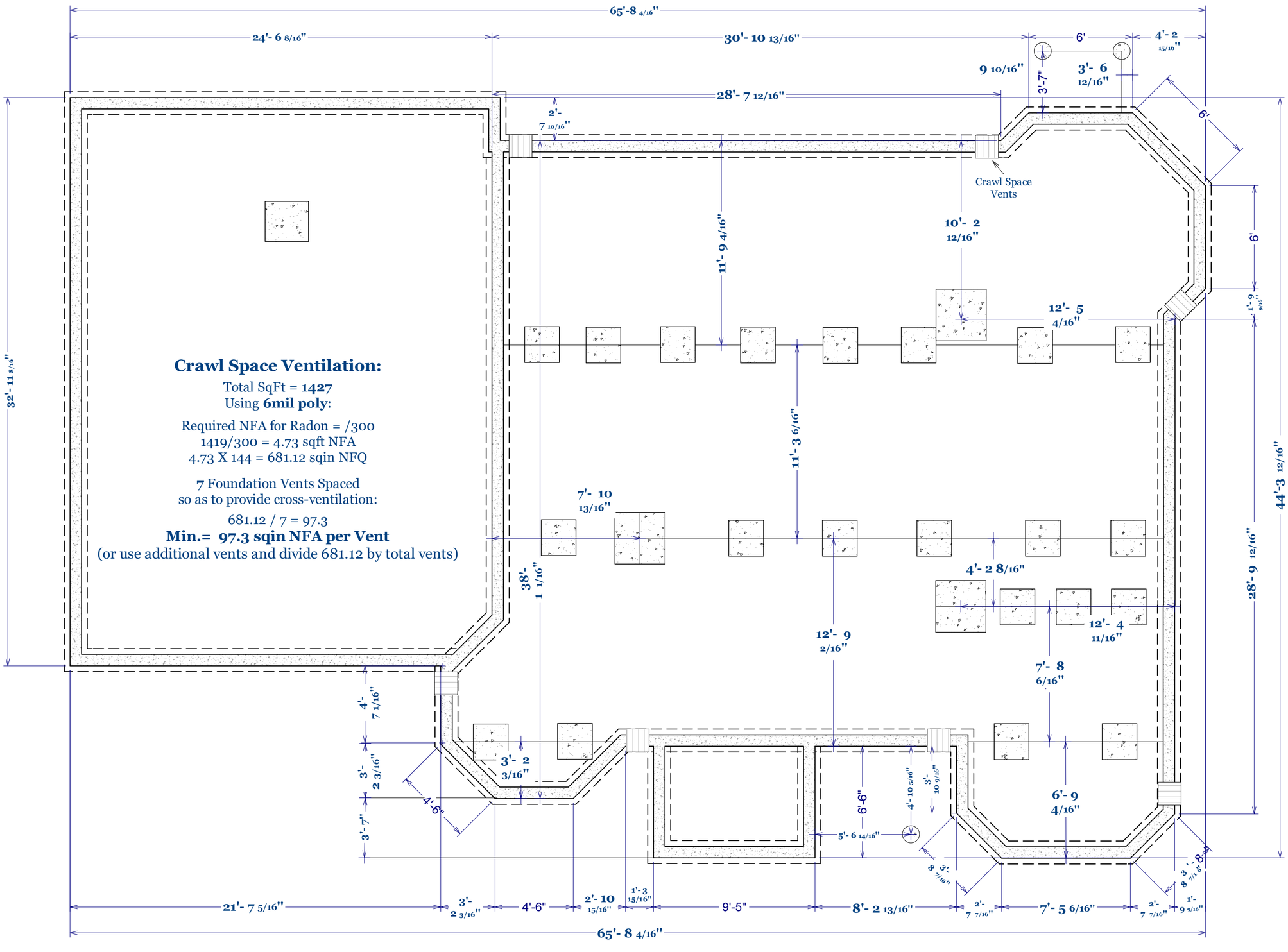


Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE: Foundation

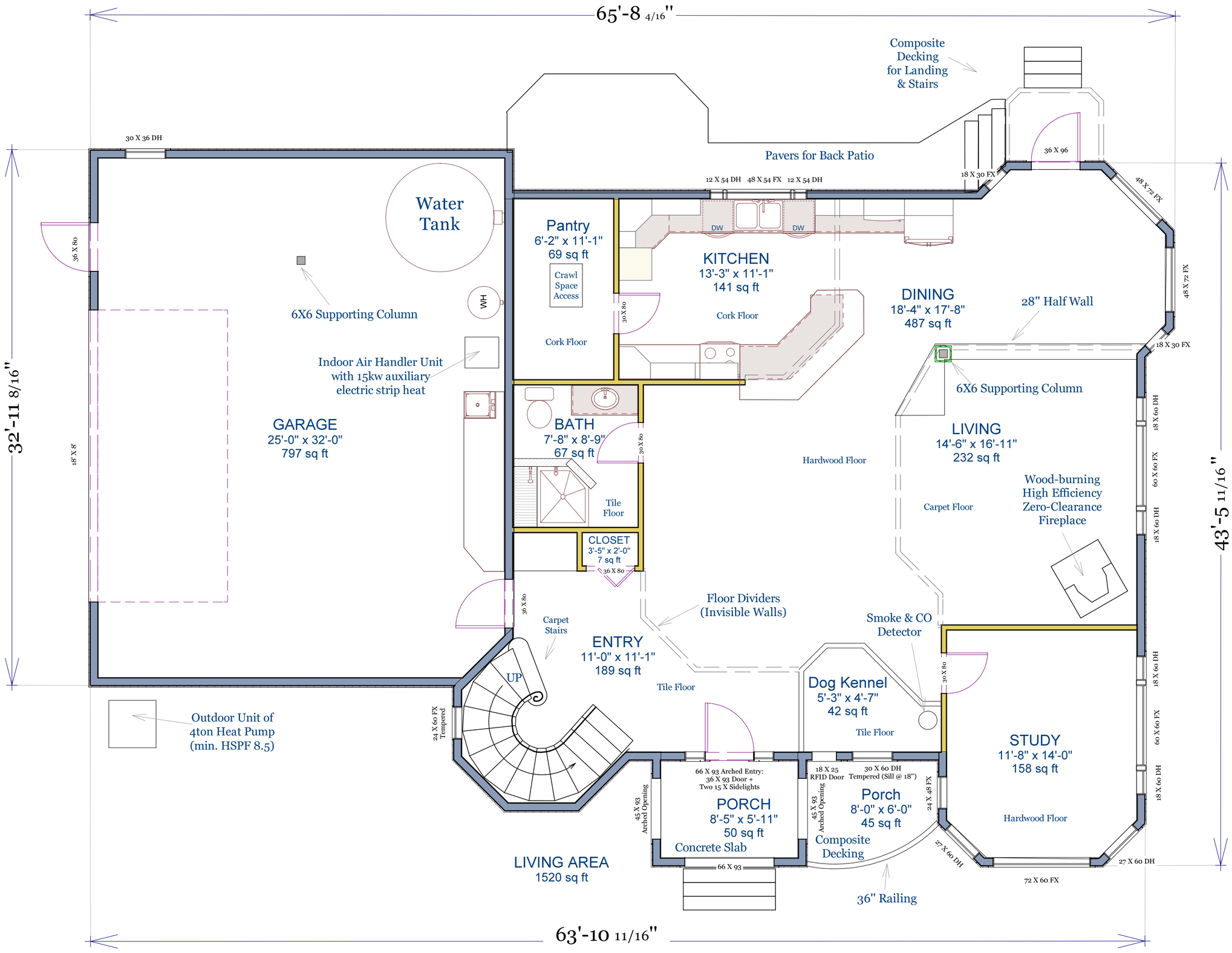
PROJECT DESCRIPTION: Residential Building Permit

APPLICANT & DESIGNER: **KATRINA ZLATKOVSKY**

DATE: 2/11/2014

SCALE: **1/4" = 1'**

SHEET: **A-1**



Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE: 1st Floor: Floor Plan with Room Info

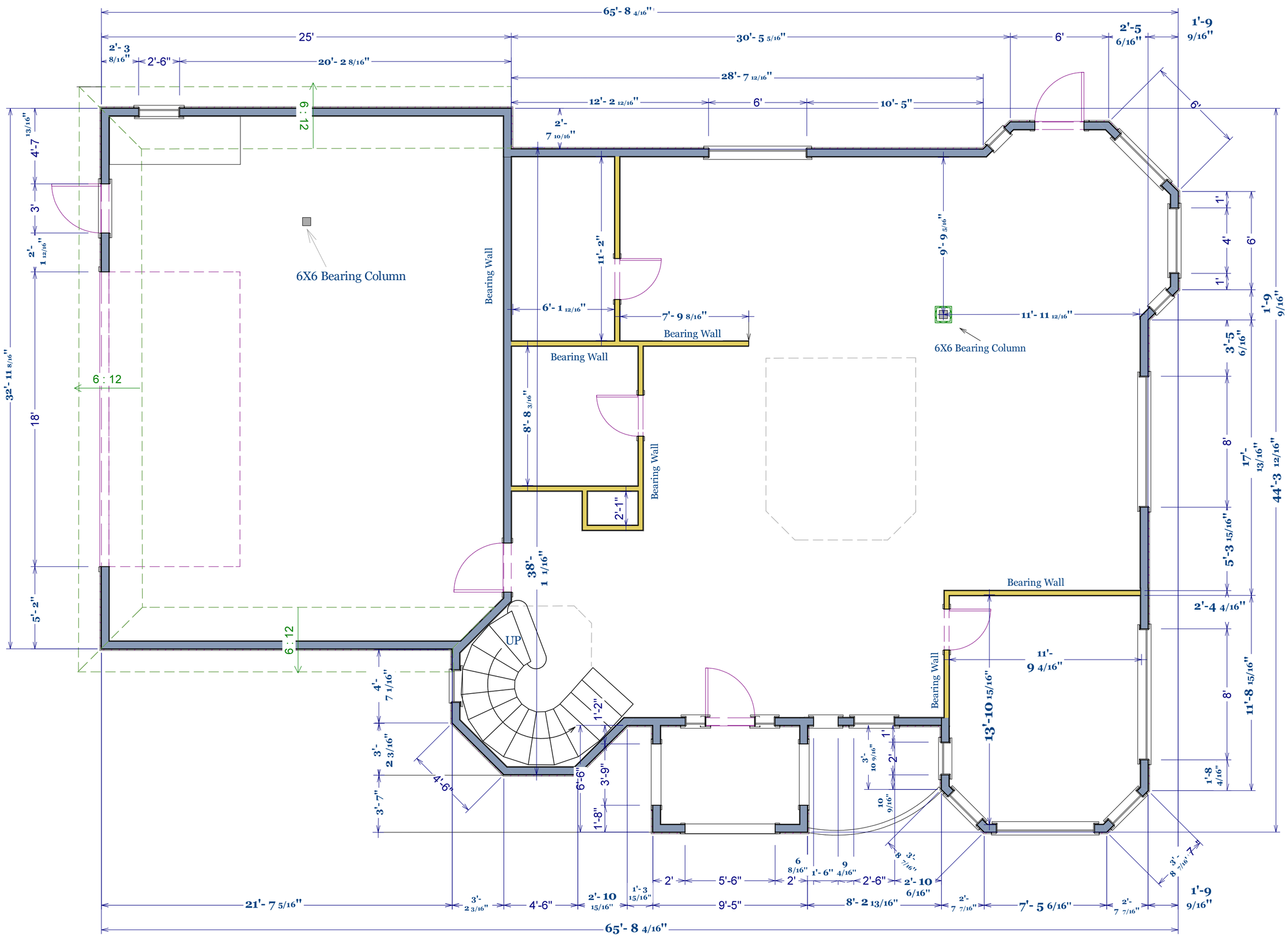
PROJECT DESCRIPTION: Residential Building Permit

APPLICANT & DESIGNER: **KATRINA ZLATKOVSKY**

DATE: 2/11/2014

SCALE: **1/4" = 1'**

SHEET: **A-2**



1st Floor

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE: 1st Floor: Floor Plan Dimensions

PROJECT DESCRIPTION: Residential Building Permit

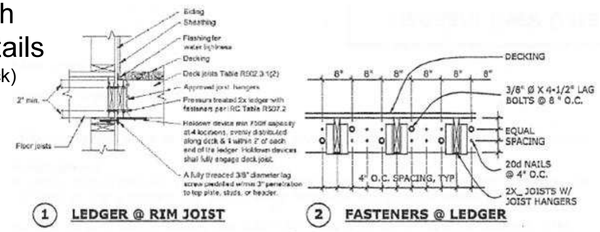
APPLICANT & DESIGNER: **KATRINA ZLATKOVSKY**

DATE: 2/11/2014

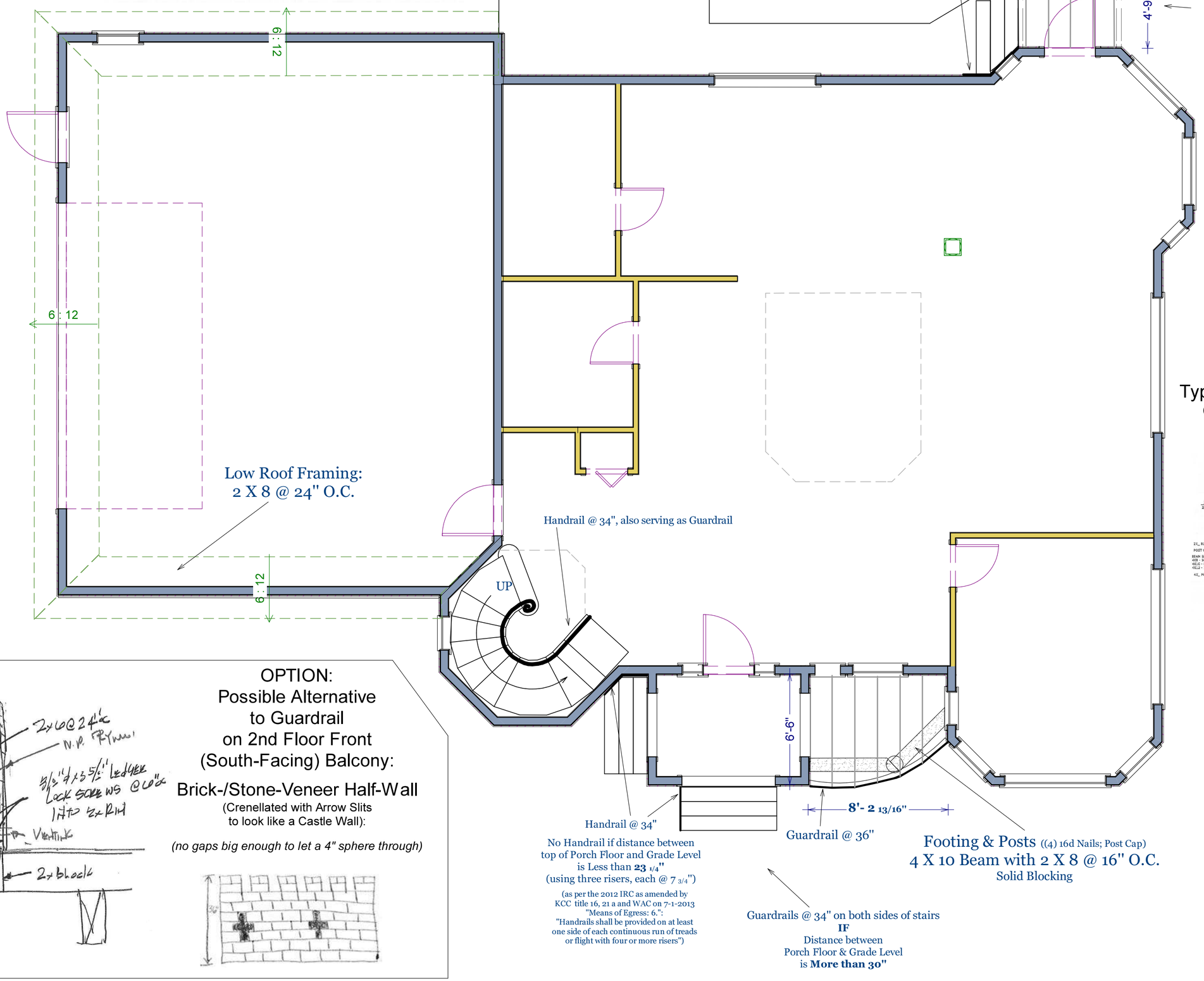
SCALE: **1/4" = 1'**

SHEET: **A-3**

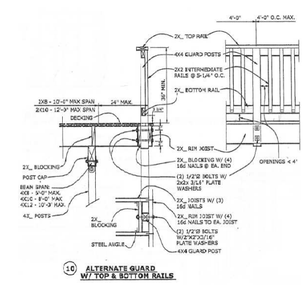
Typical Deck/Porch Joist Attachment Details
(for Front Porch & Back Deck)



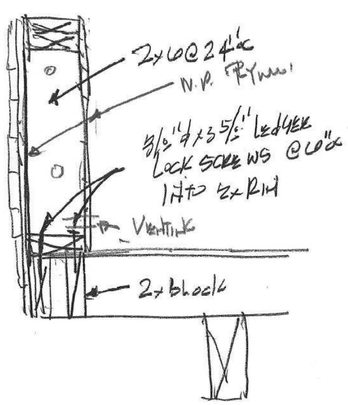
1 LEDGER @ RIM JOIST 2 FASTENERS @ LEDGER



Typical Guardrail Details
(for Front Porch, Back Deck, & 2nd Floor Balconies)



OPTION:
Possible Alternative to Guardrail on 2nd Floor Front (South-Facing) Balcony:



Brick-/Stone-Veneer Half-Wall
(Crenellated with Arrow Slits to look like a Castle Wall):

(no gaps big enough to let a 4" sphere through)

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE: Deck/Porch Framing & Railings Details

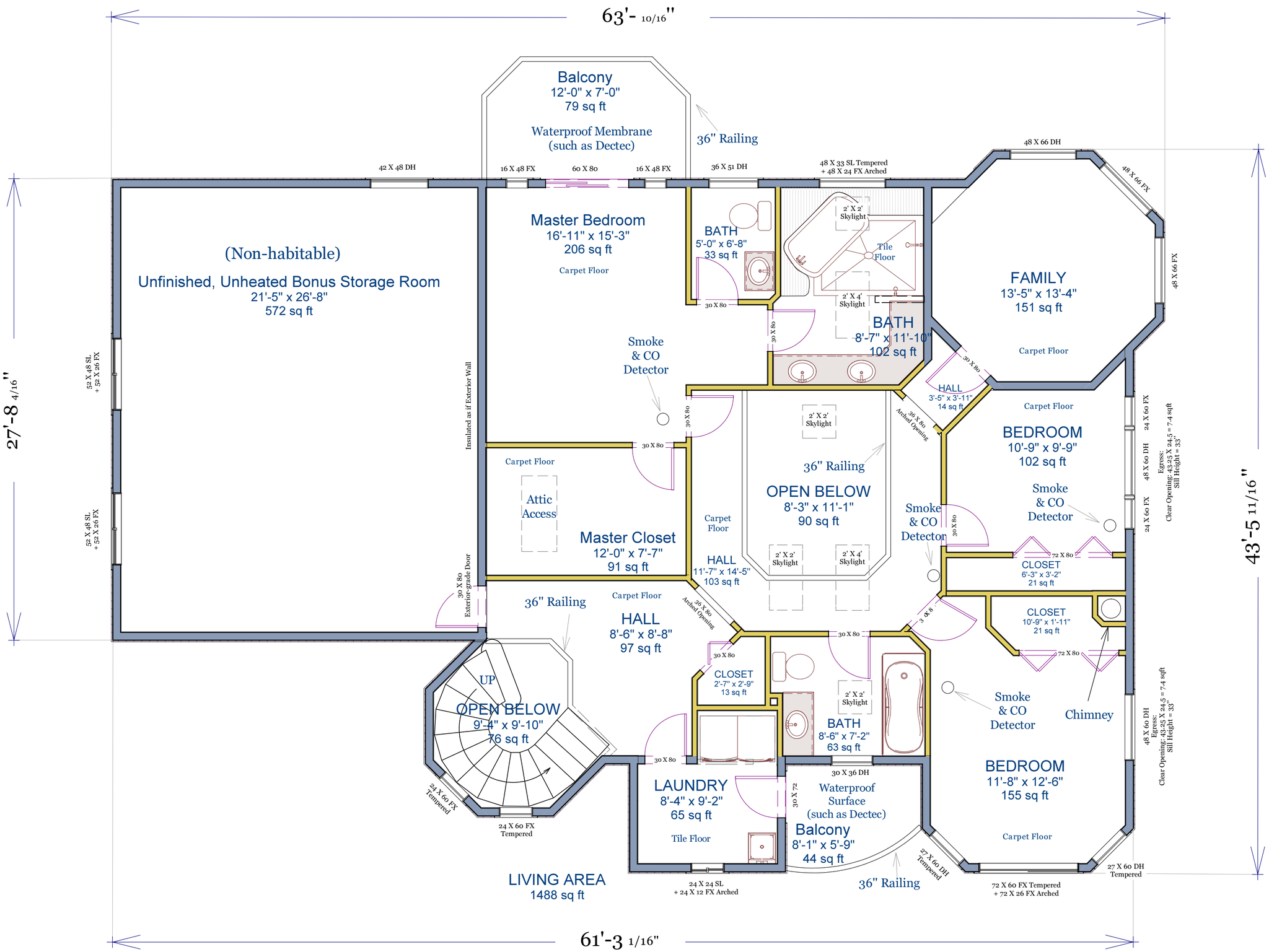
PROJECT DESCRIPTION: Residential Building Permit

APPLICANT & DESIGNER: **KATRINA ZLATKOVSKY**

DATE: 2/11/2014

SCALE: **1/4" = 1'**

SHEET: **A-4**



Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE: 2nd Floor: Floor Plan with Room Info

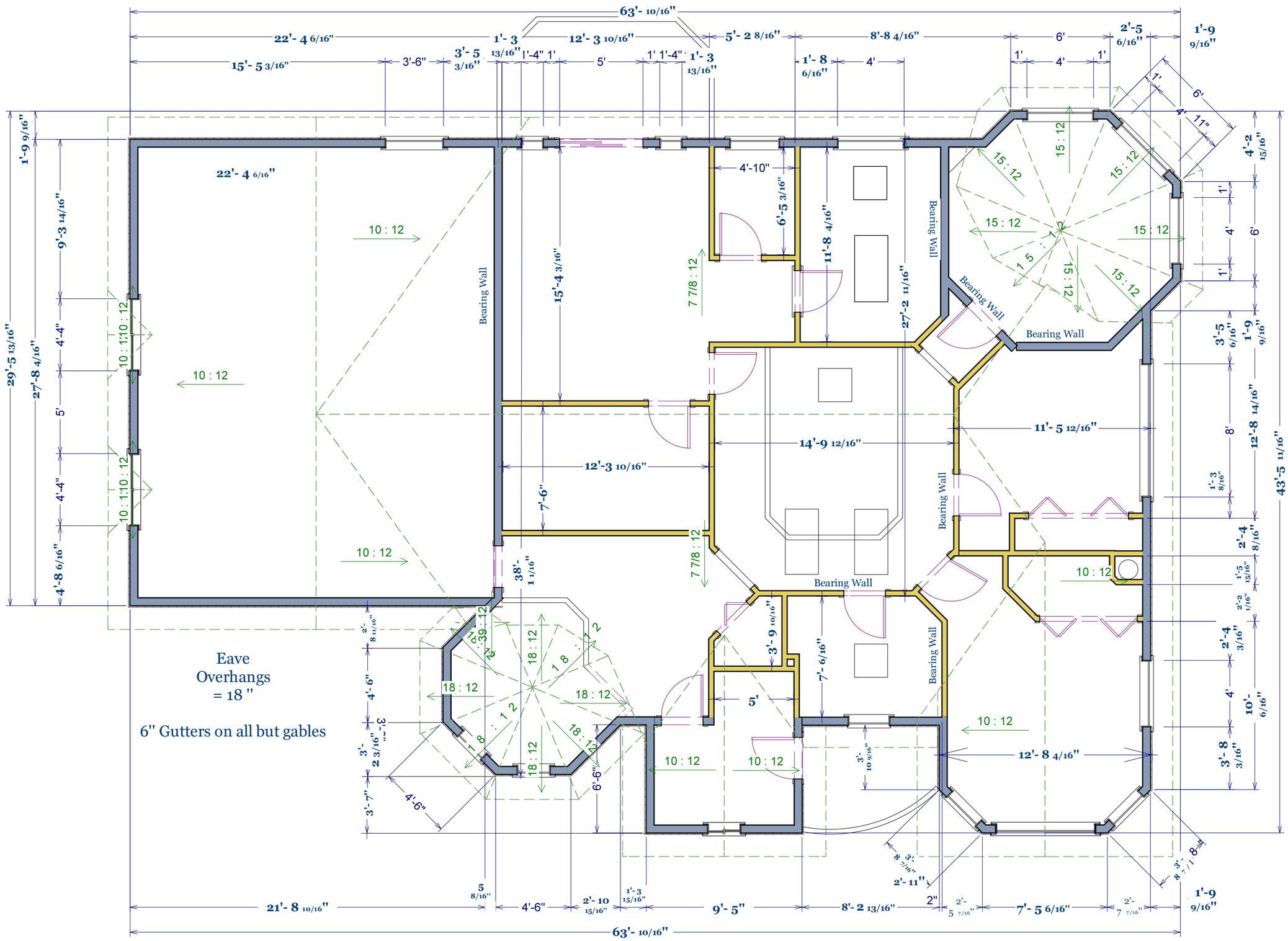
PROJECT DESCRIPTION: Residential Building Permit

APPLICANT & DESIGNER: **KATRINA ZLATKOVSKY**

DATE: 2/11/2014

SCALE: **1/4" = 1'**

SHEET: **A-5**



2nd Floor

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE: 2nd Floor: Floor Plan Dimensions

PROJECT DESCRIPTION: Residential Building Permit

APPLICANT & DESIGNER: **KATRINA ZLATKOVSKY**

DATE: 2/11/2014

SCALE: **1/4" = 1'**

SHEET: **A-6**

Calculations for Attic Ventilation:

Attic Ventilation:	Area (ft²)	NFA needed in ft² (/300)	NFA needed in in² (X 144)	50% at ridge and eaves (/2)	Lineal Ft Available at Ridge	Minimum NFA/ft at Ridge	Lineal Ft Available at Eaves	Minimum NFA/ft at Eaves
Bonus Room	772.0	2.6	370.6	185.3	26.1	7.1	27.1	6.8
Laundry Room	116.0	0.4	55.7	27.8	10.3	2.7	12.0	2.3
Main	1014.0	3.4	486.7	243.4	26.1	9.3	35.3	6.9
Front Tower (assuming Turret Vent)	116.0	0.4	55.7	27.8	Turret/Roof Vents	27.8	20.0	1.4
Option B: /150 and all venting at eaves		0.8	111.4				20.0	5.6
Back Tower (assuming Turret Vent)	163.0	0.5	78.2	39.1	Turret/Roof Vents	39.1	23.0	1.7
Option B: /150 and all venting at eaves		1.1	156.5				23.0	6.8
Front Right Bedrooms	397.0	1.3	190.6	95.3	16.0	6.0	31.8	3.0

Main = 1014 sqft

With Continuous Ridge & Soffit Vents:

Min. NFA/foot at Ridge = 9.3
Min. NFA/foot at Eaves = 6.9

Back Tower = 163 sqft

IF Turret Vent AND Continuous Soffit Vents:
Min. NFA in Turret Vent = 39.1
Min. NFA/foot at Eaves = 1.7

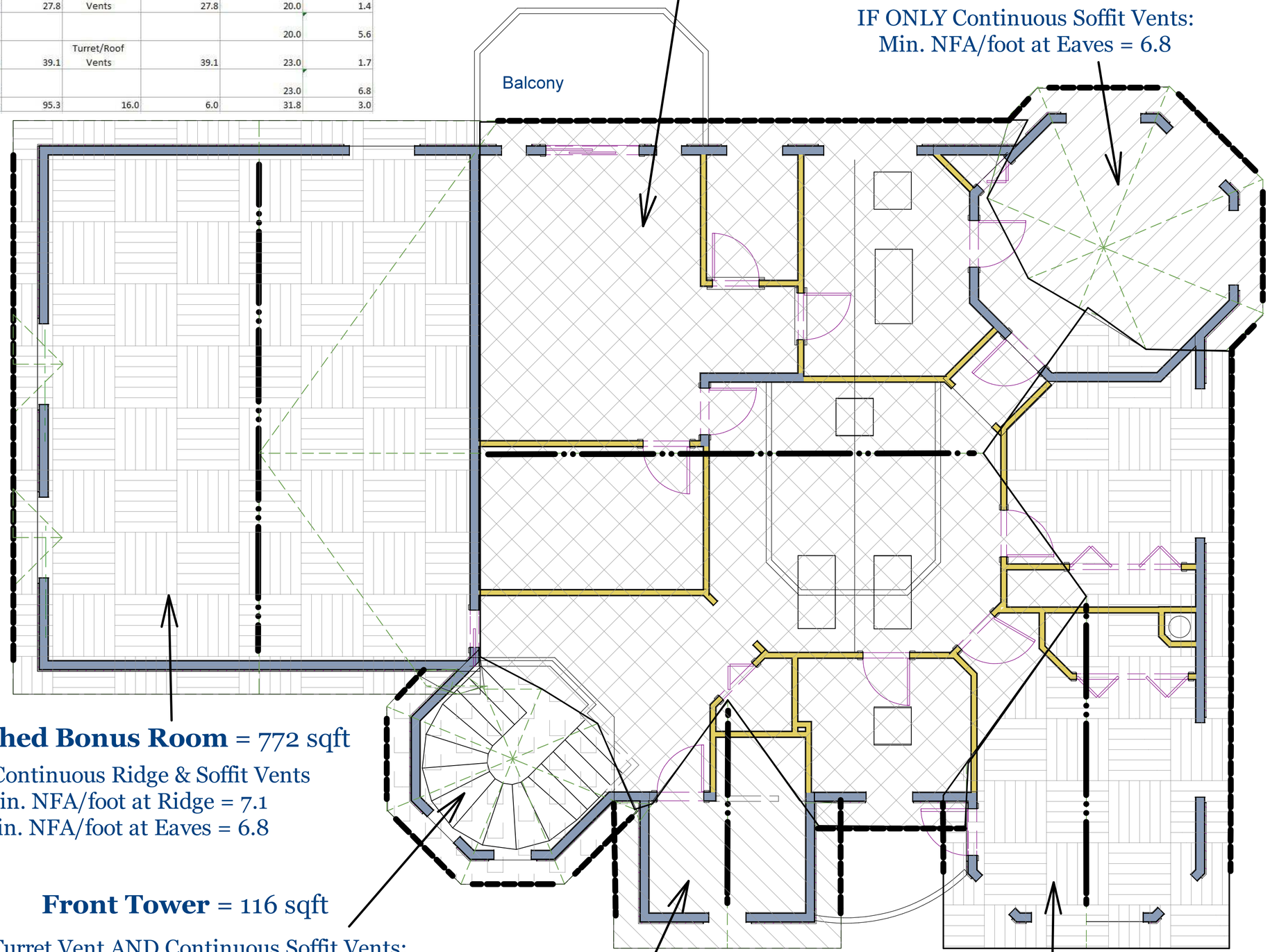
IF ONLY Continuous Soffit Vents:
Min. NFA/foot at Eaves = 6.8

(baffle with minimum **1 inch airspace** for places where insulation might come in contact with the roof)

Legend

Lineal Ft available for Soffit Vents

Lineal Ft available for Ridge Vents



Unfinished Bonus Room = 772 sqft

With Continuous Ridge & Soffit Vents
Min. NFA/foot at Ridge = 7.1
Min. NFA/foot at Eaves = 6.8

Front Tower = 116 sqft

IF Turret Vent AND Continuous Soffit Vents:
Min. NFA in Turret Vent = 27.9
Min. NFA/foot at Eaves = 1.4

IF ONLY Continuous Soffit Vents:
Min. NFA/foot at Eaves = 5.6

Laundry Room = 116 sqft

With Continuous Ridge & Soffit Vents
Min. NFA/foot at Ridge = 2.7
Min. NFA/foot at Eaves = 2.3

Front Right Bedrooms = 397 sqft

With Continuous Ridge & Soffit Vents
Min. NFA/foot at Ridge = 6.0
Min. NFA/foot at Eaves = 3.0

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE: 2nd Floor: Details for Attic Ventilation

PROJECT DESCRIPTION: Residential Building Permit

APPLICANT & DESIGNER: **KATRINA ZLATKOVSKY**

DATE: 2/11/2014

SCALE: **1/4" = 1'**

SHEET: **A-7**

Chimney Height:

2-3-10:
10' Radius from Edge of Chimney
Hits Roof at 1' 8" Below Top Ridge;
so Chimney Height must =
4" Above Height of Top Ridge
= approx. 32'-5 " above Proposed Grade

Roof System:

Composition Shingles
over 30# Felt Underlayment
over 3/4" T&G sheathing (as per Engineering Notes)
over Trusses OR 2 X 12 @ 24" O.C.
with R-38 insulation

on 5/8" GWB

2nd Floor System:

3/4" T&G sheathing (as per Engineering Notes)
over 11 7/8" TJI (as per Engineering Notes) @ 16" O.C.

on 5/8" GWB
(except over garage,
where space above remains unfinished)

1st Floor System:

3/4" T&G sheathing (as per Engineering Notes)
over 2 X 10 floor joists @ 16" O.C.
with R-30 batt insulation

over 1.5" Pressure Treated Sill

Interior Wall System:

2 X 4 studs @ 24" O.C.
with 1/2" GWB on each side

Wall between garage/unfinished bonus room and main house:
2 X 6 studs @ 24" O.C.
with R-21 batt or blow-in insulation
with 1/2" GWB on at least finished side

Exterior Wall System:

1.5-2" Stone Veneer,
5/16" Fiber Cement Lap Siding,
or 5/16" Fiber Cement Vertical Panels (with fiber cement or synthetic trim battens)

over 7/16" sheathing (as per Engineering Notes)
over 2 X 6 studs @ 24" O.C.
with R-21 batt or blow-in insulation
on 1/2" GWB
(except unfinished bonus room: with no insulation or GWB)

Elevation 1

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE:
Front Elevation:
SOUTH-EAST Side

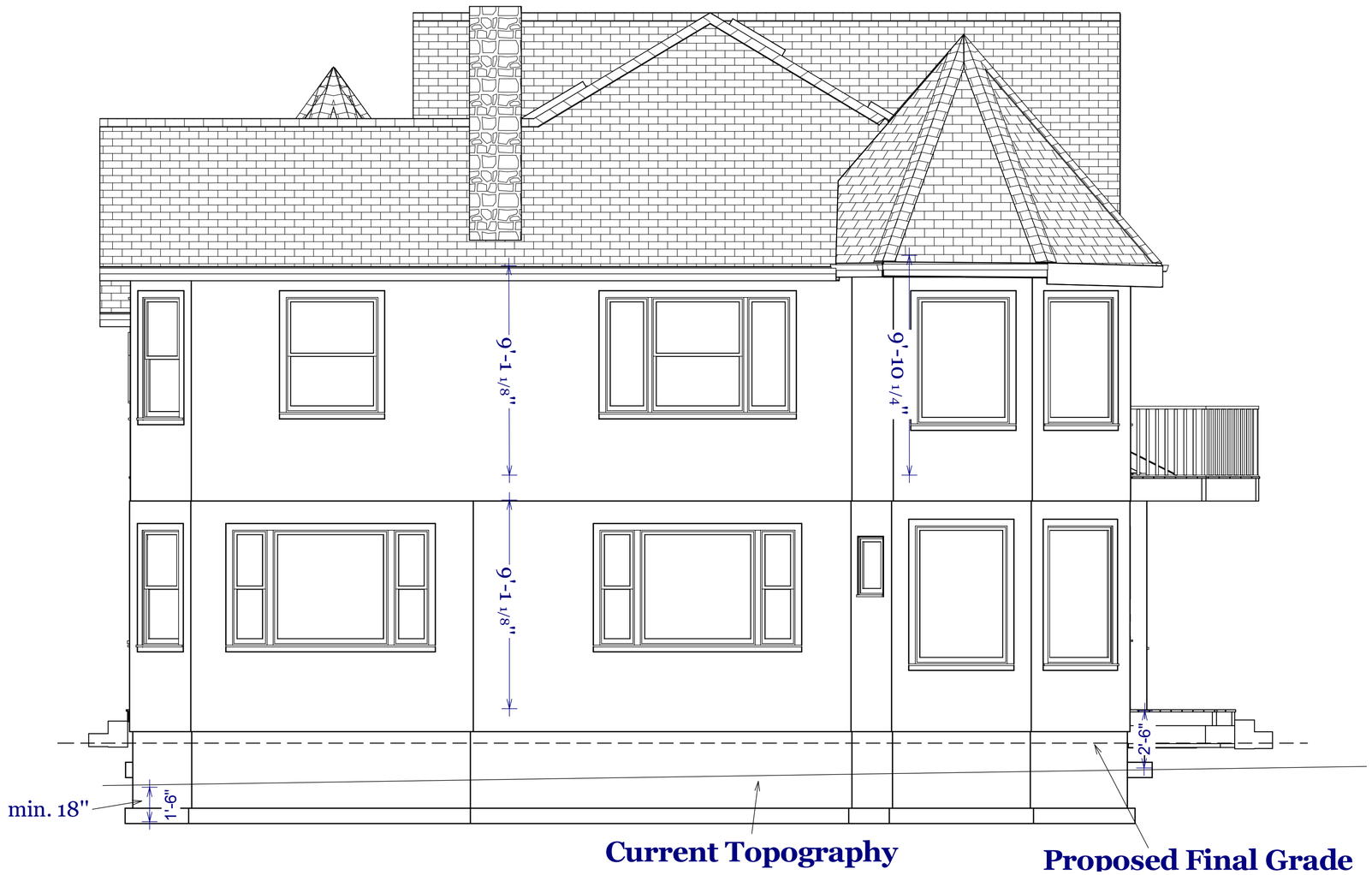
PROJECT DESCRIPTION:
Residential
Building Permit

APPLICANT & DESIGNER:
KATRINA ZLATKOVSKY

DATE:
2/11/2014

SCALE:
1/4" = 1'

SHEET:
A-8



Elevation 2

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE:
Right Elevation:
NORTH-EAST Side

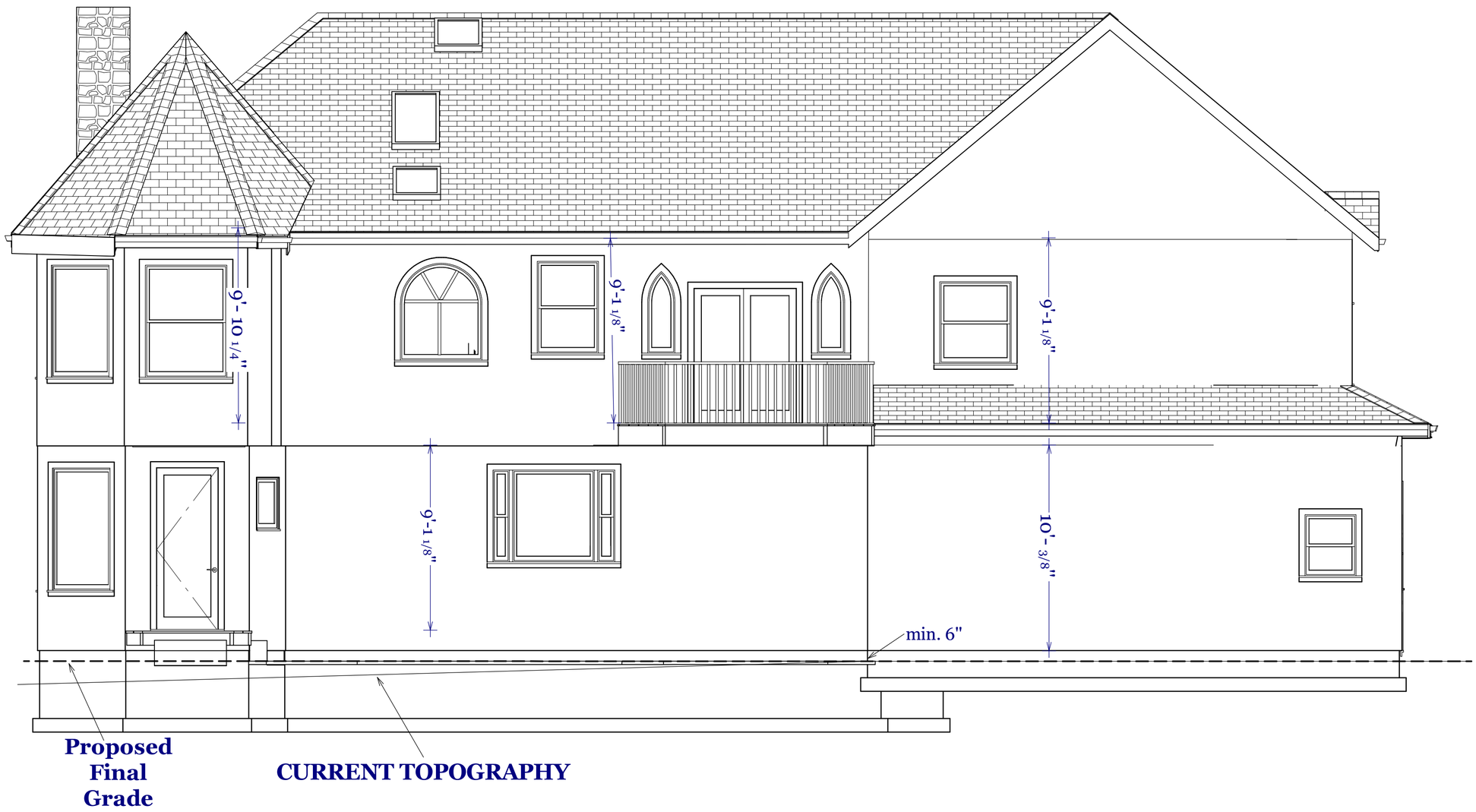
PROJECT DESCRIPTION:
Residential
Building Permit

APPLICANT & DESIGNER:
KATRINA ZLATKOVSKY

DATE:
2/11/2014

SCALE:
1/4" = 1'

SHEET:
A-9



Elevation 3

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE:
Back Elevation:
NORTH-WEST Side

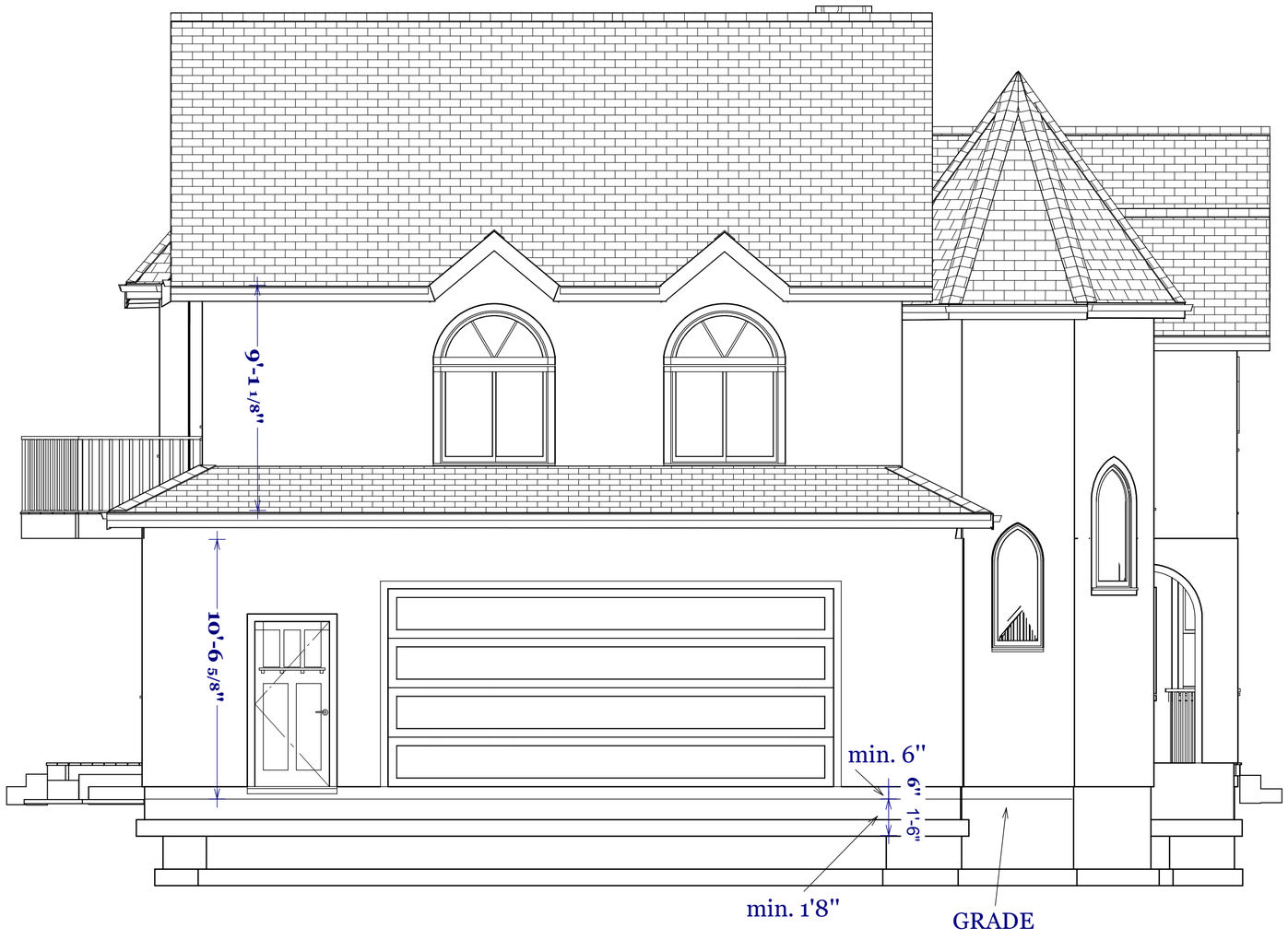
PROJECT DESCRIPTION:
Residential
Building Permit

APPLICANT & DESIGNER:
KATRINA ZLATKOVSKY

DATE:
2/11/2014

SCALE:
1/4" = 1'

SHEET:
A-10



Elevation 4

Permit #: DWEL13-0233 Parcel #: **342507-9027**

Proposed Site Address:
145 W Griffin Creek Rd NE, **Carnation** WA 98053

SHEET TITLE:
Left Elevation:
SOUTH-WEST Side

PROJECT DESCRIPTION:
Residential
Building Permit

APPLICANT & DESIGNER:
KATRINA ZLATKOVSKY

DATE:
12/14/2013

SCALE:
1/4" = 1'

SHEET:
A-11