Gervais

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 03/06/17

Cross Section Page

- How will the trusses be connected?
  With Simpson H2 Hurricane Clips. OK

- Be more specific with the type of shingles.
  30-year Architectural brand: Certainteed Landmark Lifetime asphalt shingles. OK

- Specify the size and frequency of anchor bolts
  ½" anchor bolts every 6' minimum. OK

- Specify the depth at which the foundation reaches
  The foundation wall will be 94" with 82" backfilled. OK

- Specify the type of damp proofing.
  Foundation tar rolled-on application prior to backfilling. Provide more info. See IRC sect. 406

- Detail the support of the deck, the connection of the deck to the main structure, baluster spacing & railing heights.
  Ledger to be lagged with 5/16" X 4" exterior lag bolts attached every two feet. Provide Drawing (R502.2.2)

Floor Plan Page

- Show Stair Details, rise & run, railing, width and head height including stair going to basement OK
  Rise = 7.25"
  Thread = 10"
  Width of Stairway = 42"
  Headroom:
  Minimum of 6'10" to Basement
  Not Applicable for 1st floor to 2nd floor as space is open to above
  Interior Stair Rails = 34 ½" high
  Railing at top of Stairway = 36" tall
  All Balusters to be 4" maximum space between
  Basement stair rail to be continuous and attached to the wall

- Provide connection and support details for the deck
  Ledge to be lagged with 5/16" X 4" exterior lag bolts attached every two feet OK

- Specify appropriate fire separation construction methods have been taken (R302.6) OK
  5/8" Sheet Rock on common wall and ceiling of attached garage
  Sprinkler System of High Tech Fire Protection

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- Door not shown in schedule, provide door information. Verify appropriate fire rating (R302.5).
  Two hour rated fire door. Specs are attached.

  OK

- Provide connection and support detail for the porch.
  4' Tapered Piers with Base
  Simpson Connectors and Joist Hangers as required
  2X10 Carrying Stick
  Ledger to be lagged with 5/16" X 4" Exterior Lag Bolts attached every two feet

  Provide Drawing (R502.2.2)

- How is the house heated? How is it vented? Is there a chimney?
  Heated with a Propane wall-hung furnace
  Vented via ridge vent and soffit vents
  No chimney necessary

  OK

- Are windows shown in bathroom locations tempered?
  Yes

  OK

- How do you access the attic area of both the house and garage?
  Attic access to house is via the walk in closet on 2nd floor in Master Bedroom.
  Attic access to the garage will be centered in garage ceiling.

  Show in drawings. Show dimensions

- Provide header schedule for openings requiring headers.
  All headers under a 6' rough opening will be 2X10 boxed with insulation.
  All header over 6' rough opening will be 3-ply 2X10 with 2-ply ½" plywood and double jacks.

  single 2x10?

- Confirm Carbon monoxide / Smoke Detector locations.
  Near doorways of each bedroom and in the Common Open Areas per State Code, including garage.

  OK

- Confirm the clear opening space for the windows to be used as egress windows. Note this means the passable space, unobstructed by dividers such as those used in a twin double hung window.
  Please see the attached documentation.

  OK

RESURGAM CITY OF PORTLAND, MAINE
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DO N
CHOOSE SHIP

Quotation

Hammond Lumber Company

Quote ID SQDS012367-1

P.O. Number

Line	Label	Qty	UOM	Family/Part Number	Unit	Extended
1		1.0000	EA	Entry Door Entry Door System	184.39	184.39

Single Door = 3-0 X 6-8, Left Hand Inswing, Traditions Series Steel Embossed/Molded Open, 20 min Fire Label, No glass, TS210, Single Door, Single Bore, 2-3/8" Backset, 2-1/8" BoreDia, Final Frame Rot Proof Bttm Jamb, 4-9/16", WM180 Final Frame Rot Proof Brickmould, Inswing Composite Adjustable, Sill Finish Mill, 3 Self-Aligning Hinges, Satin Brass (Zinc Dichromate) - US2D, Brz Comp Weatherstrip,

All prices are in USD

Quote Subtotal (List Price) 184.39

Application version 8.1.1.2CF

Content Version 2.1.2.0

Printed on 1/30/2017

RESURGAM CITY OF PORTLAND, MAINE
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Silver Line by Andersen WINDOWS + DOORS

3000 SERIES DOUBLE-HUNG WINDOW - WITH NAILING FIN
DOUBLE-HUNG - MODEL 3001 - STANDARD WINDOW SIZES

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TT*)		EXTERIOR WINDOW DIMENSION INCL. "J" CHANNEL	ROUGH OPENING SIZE*		CLEAR OPENING SIZE	CLEAR OPENING SQ. FT.	VISIBLE GLASS PER OPENING	TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	WIDTH	HEIGHT	WIDTH		WIDTH	HEIGHT	
2/8 x 2/10	33 3/4 x	36 3/4	35 1/4 x	36 1/4	34 1/4 x 37 1/4	30 3/16 x 14 7/16	3.03	27 9/16 x 15 3/16	5.81
2/8 x 3/2	33 3/4 x	40 3/4	35 1/4 x	42 1/4	34 1/4 x 41 1/4	30 3/16 x 16 7/16	3.45	27 9/16 x 17 3/16	6.56
2/8 x 3/10	33 3/4 x	48 3/4	35 1/4 x	50 1/4	34 1/4 x 49 1/4	30 3/16 x 20 7/16	4.28	27 9/16 x 21 3/16	8.11
2/8 x 4/2	33 3/4 x	52 3/4	35 1/4 x	54 1/4	34 1/4 x 53 1/4	30 3/16 x 22 7/16	4.70	27 9/16 x 23 3/16	8.88
2/8 x 4/6	33 3/4 x	58 3/4	35 1/4 x	58 1/4	34 1/4 x 57 1/4	30 3/16 x 24 7/16	5.12	27 9/16 x 25 3/16	9.64
2/8 x 4/10	33 3/4 x	60 3/4	35 1/4 x	62 1/4	34 1/4 x 61 1/4	30 3/16 x 26 7/16	5.54	27 9/16 x 27 3/16	10.41
2/8 x 5/2^	33 3/4 x	64 3/4	35 1/4 x	66 1/4	34 1/4 x 65 1/4	30 3/16 x 28 7/16	5.96	27 9/16 x 29 3/16	11.17
2/8 x 5/6^	33 3/4 x	68 3/4	35 1/4 x	70 1/4	34 1/4 x 69 1/4	30 3/16 x 30 7/16	6.38	27 9/16 x 31 3/16	11.94
2/8 x 5/10^	33 3/4 x	72 3/4	35 1/4 x	74 1/4	34 1/4 x 73 1/4	30 3/16 x 32 7/16	6.80	27 9/16 x 33 3/16	12.70
2/8 x 6/2^	33 3/4 x	76 3/4	35 1/4 x	78 1/4	34 1/4 x 77 1/4	30 3/16 x 34 7/16	7.22	27 9/16 x 35 3/16	13.47
2/10 x 2/10	35 3/4 x	38 3/4	37 1/4 x	38 1/4	36 1/4 x 37 1/4	32 3/16 x 14 7/16	3.23	29 9/16 x 15 3/16	6.24
2/10 x 3/2	35 3/4 x	40 3/4	37 1/4 x	42 1/4	36 1/4 x 41 1/4	32 3/16 x 16 7/16	3.67	29 9/16 x 17 3/16	7.08
2/10 x 3/10	35 3/4 x	48 3/4	37 1/4 x	50 1/4	36 1/4 x 49 1/4	32 3/16 x 20 7/16	4.57	29 9/16 x 21 3/16	8.79
2/10 x 4/2	35 3/4 x	52 3/4	37 1/4 x	54 1/4	36 1/4 x 53 1/4	32 3/16 x 22 7/16	5.02	29 9/16 x 23 3/16	9.52
2/10 x 4/6	35 3/4 x	58 3/4	37 1/4 x	58 1/4	36 1/4 x 57 1/4	32 3/16 x 24 7/16	5.46	29 9/16 x 25 3/16	10.34
2/10 x 4/10	35 3/4 x	60 3/4	37 1/4 x	62 1/4	36 1/4 x 61 1/4	32 3/16 x 26 7/16	5.91	29 9/16 x 27 3/16	11.16
2/10 x 5/2^	35 3/4 x	64 3/4	37 1/4 x	66 1/4	36 1/4 x 65 1/4	32 3/16 x 28 7/16	6.36	29 9/16 x 29 3/16	11.98
2/10 x 5/6^	35 3/4 x	68 3/4	37 1/4 x	70 1/4	36 1/4 x 69 1/4	32 3/16 x 30 7/16	6.80	29 9/16 x 31 3/16	12.81
2/10 x 5/10^	35 3/4 x	72 3/4	37 1/4 x	74 1/4	36 1/4 x 73 1/4	32 3/16 x 32 7/16	7.25	29 9/16 x 33 3/16	13.63
2/10 x 6/0^	35 3/4 x	74 3/4	37 1/4 x	76 1/4	36 1/4 x 75 1/4	32 3/16 x 33 7/16	7.47	29 9/16 x 34 3/16	14.04
2/10 x 6/2^	35 3/4 x	76 3/4	37 1/4 x	78 1/4	36 1/4 x 77 1/4	32 3/16 x 34 7/16	7.70	29 9/16 x 35 3/16	14.45
3/0 x 2/10	37 3/4 x	38 3/4	39 1/4 x	38 1/4	38 1/4 x 37 1/4	34 3/16 x 14 7/16	3.43	31 9/16 x 15 3/16	6.66
3/0 x 3/2	37 3/4 x	40 3/4	39 1/4 x	42 1/4	38 1/4 x 41 1/4	34 3/16 x 16 7/16	3.90	31 9/16 x 17 3/16	7.53
3/0 x 3/10	37 3/4 x	48 3/4	39 1/4 x	50 1/4	38 1/4 x 49 1/4	34 3/16 x 20 7/16	4.85	31 9/16 x 21 3/16	9.29
3/0 x 4/2	37 3/4 x	52 3/4	39 1/4 x	54 1/4	38 1/4 x 53 1/4	34 3/16 x 22 7/16	5.33	31 9/16 x 23 3/16	10.16
3/0 x 4/6^	37 3/4 x	58 3/4	39 1/4 x	58 1/4	38 1/4 x 57 1/4	34 3/16 x 24 7/16	5.80	31 9/16 x 25 3/16	11.04
3/0 x 4/8^	37 3/4 x	58 3/4	39 1/4 x	60 1/4	38 1/4 x 59 1/4	34 3/16 x 25 7/16	6.04	31 9/16 x 26 3/16	11.48
3/0 x 4/10^	37 3/4 x	60 3/4	39 1/4 x	62 1/4	38 1/4 x 61 1/4	34 3/16 x 26 7/16	6.28	31 9/16 x 27 3/16	11.92
3/0 x 5/2^	37 3/4 x	64 3/4	39 1/4 x	66 1/4	38 1/4 x 65 1/4	34 3/16 x 28 7/16	6.76	31 9/16 x 29 3/16	12.79
3/0 x 5/6^	37 3/4 x	68 3/4	39 1/4 x	70 1/4	38 1/4 x 69 1/4	34 3/16 x 30 7/16	7.23	31 9/16 x 31 3/16	13.67
3/0 x 5/10^	37 3/4 x	72 3/4	39 1/4 x	74 1/4	38 1/4 x 73 1/4	34 3/16 x 32 7/16	7.70	31 9/16 x 33 3/16	14.55
3/0 x 6/2^	37 3/4 x	76 3/4	39 1/4 x	76 1/4	38 1/4 x 77 1/4	34 3/16 x 34 7/16	8.18	31 9/16 x 35 3/16	15.43
3/4 x 2/10	41 3/4 x	38 3/4	43 1/4 x	38 1/4	42 1/4 x 37 1/4	38 3/16 x 14 7/16	3.83	35 9/16 x 15 3/16	7.50
3/4 x 3/2	41 3/4 x	40 3/4	43 1/4 x	42 1/4	42 1/4 x 41 1/4	38 3/16 x 16 7/16	4.36	35 9/16 x 17 3/16	8.49
3/4 x 3/10	41 3/4 x	48 3/4	43 1/4 x	50 1/4	42 1/4 x 49 1/4	38 3/16 x 20 7/16	5.42	35 9/16 x 21 3/16	10.47
3/4 x 4/2	41 3/4 x	52 3/4	43 1/4 x	54 1/4	42 1/4 x 53 1/4	38 3/16 x 22 7/16	5.95	35 9/16 x 23 3/16	11.46
3/4 x 4/6^	41 3/4 x	58 3/4	43 1/4 x	58 1/4	42 1/4 x 57 1/4	38 3/16 x 24 7/16	6.48	35 9/16 x 25 3/16	12.44
3/4 x 4/10^	41 3/4 x	60 3/4	43 1/4 x	62 1/4	42 1/4 x 61 1/4	38 3/16 x 26 7/16	7.01	35 9/16 x 27 3/16	13.43
3/4 x 5/2^	41 3/4 x	64 3/4	43 1/4 x	66 1/4	42 1/4 x 65 1/4	38 3/16 x 28 7/16	7.54	35 9/16 x 29 3/16	14.42
3/4 x 5/3^	41 3/4 x	65	43 1/4 x	66 1/2	42 1/4 x 65 1/2	38 3/16 x 28 9/16	7.57	35 9/16 x 29 3/16	14.48
3/4 x 5/6^	41 3/4 x	68 3/4	43 1/4 x	70 1/4	42 1/4 x 69 1/4	38 3/16 x 30 7/16	8.07	35 9/16 x 31 3/16	15.40
3/4 x 5/10^	41 3/4 x	72 3/4	43 1/4 x	74 1/4	42 1/4 x 73 1/4	38 3/16 x 32 7/16	8.60	35 9/16 x 33 3/16	16.39
3/4 x 6/2^	41 3/4 x	76 3/4	43 1/4 x	78 1/4	42 1/4 x 77 1/4	38 3/16 x 34 7/16	9.13	35 9/16 x 35 3/16	17.38

Clear Opening Sizes are for one opening.
Visible Glass Sizes are for one lite of glass. Total Visible Glass is combined area of all lites of glass in entire unit.
To calculate actual glass size per opening, add 7/8" to the Visible Glass Width and add 7/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
^ **BOLD** type indicates window may meet egress/clear opening criteria of minimum 20" net opening width, minimum 24" net opening height and minimum 5.7 sq. ft. opening area.
Windows with height of over 7' will be an Oriel window (top sash is larger than bottom sash).

Rev 4/15

CITY OF PORTLAND, MAINE
RESURGAM
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Silver Line by Andersen
WINDOWS • DOORS

3000 SERIES DOUBLE-HUNG WINDOW - WITH NAILING FIN
DOUBLE-HUNG - MODEL 3001 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 3/4	40
Window Height (WH)	30	78 3/4
United Inch (UI)	47 3/4	124 3/4

Window can be ordered in 1/4" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GWTOP and GWBOT)	HEIGHT (GHTOP and GHBOT)
Top Sash	GWTOP = MROUND (WW - 5.3125, 1/16)	GHTOP = MROUND ((WH / 2) - 2.3125, 1/16)
Bottom Sash	GWBOT = MROUND (WW - 5.3125, 1/16)	GHBOT = MROUND ((WH / 2) - 2.3125, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VWTOP and VWBOT)	HEIGHT (VHTOP and VHBOT)
Top Sash	VWTOP = GWTOP - 0.875	VHTOP = GHTOP - 0.875
Bottom Sash	VWBOT = GWBOT - 0.875	VHBOT = GHBOT - 0.875

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	((VWTOP * VHTOP) / 144) + ((VWBOT * VHBOT) / 144)

EGRESS/CLEAR OPENING FORMULAS		
BALANCE TYPE	WIDTH	HEIGHT
BLOCK & TACKLE	WW - 3.6625	WH / 2 - 3.0375

Egress/clear opening criteria is a minimum 20" net opening width, minimum 24" net opening height and minimum 5.7 sq. ft. opening area.

EGRESS/CLEAR OPENING SIZE REFERENCE CHART

WINDOW HEIGHT	ACTUAL WINDOW WIDTH: 17 3/4	19 3/4	21 3/4	23 3/4	25 3/4	32 3/4	38 3/4	37 3/4	41 3/4	45 3/4	48
30											
32											
34											
36 3/4											
40 3/4											
45 3/4											
50 3/4											
55 3/4											
60 3/4											
65 3/4											
72 3/4											
75 3/4											

Denotes that a window meets egress/clear opening.
For other sizes please refer to formulas above.

Rev 2/15