CITY OF PORTLAND, MAINE · RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/17/16

## Deck Information

Deck 1

Construction Method - Beam Flush With Joist
Footing Type - Pier
Live Load - 60
Dead Load - 10
Decking Spacing - 1/8 in
Joist Spacing - 16 in
Beam Spacing - 120 in
Post Spacing - 66 5/32 in
Decking - L5/4x6 Treated Southern Pine No. 2
Beams - L2x8 Treated Southern Pine No. 1
Joists - L2x8 Treated Southern Pine No. 1
Posts - L6x6 Treated Southern Pine No. 2
Deck Height - 36 in
Diagonal Bracing - Yes
Joist Overhang - 0 in
Beam Overhang - 0 in
Decking Deflection Factor - 360
Joist Deflection Factor - 360
Beam Deflection Factor - 360
Pref Decking Size - 5/4x6
Pref Joist Size - 2x8
Pref Beam Size - 2x8
Pref Post Size - 6x6
Diag Brace Height 1 - 24 in
Diag Brace Height 2 - 24 in

Deck 2

Construction Method - Beam Flush With Joist
Footing Type - Pier
Live Load - 60
Dead Load - 10
Decking Spacing - 1/8 in
Joist Spacing - 16 in
Beam Spacing - 36 in
Post Spacing - 48 in
Decking - L5/4x6 Treated Southern Pine No. 2
Beams - L2x8 Treated Southern Pine No. 1
Joists - L2x8 Treated Southern Pine No. 1
Posts - L6x6 Treated Southern Pine No. 2
Deck Height - 48 in
Diagonal Bracing - Yes
Joist Overhang - 0 in
Beam Overhang - 0 in

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Decking Deflection Factor - 360
Joist Deflection Factor - 360
Beam Deflection Factor - 360
Pref Decking Size - 5/4x6
Pref Joist Size - 2x8
Pref Beam Size - 2x8
Pref Post Size - 6x6
Diag Brace Height 1 - 24 in
Diag Brace Height 2 - 24 in

Deck 3

Construction Method - Beam Flush With Joist
Footing Type - In-Ground
Live Load - 60
Dead Load - 10
Decking Spacing - 1/8 in
Joist Spacing - 16 in
Beam Spacing - 120 in
Post Spacing - 57 1/8 in
Decking - L5/4x6 Treated Southern Pine No. 2
Beams - L2x8 Treated Southern Pine No. 1
Joists - L2x8 Treated Southern Pine No. 1
Posts - L6x6 Treated Southern Pine No. 2
Deck Height - 144 in
Diagonal Bracing - Yes
Joist Overhang - 0 in
Beam Overhang - 0 in
Decking Deflection Factor - 360
Joist Deflection Factor - 360
Beam Deflection Factor - 360
Pref Decking Size - 5/4x6
Pref Joist Size - 2x8
Pref Beam Size - 2x8
Pref Post Size - 6x6
Diag Brace Height 1 - 24 in
Diag Brace Height 2 - 24 in

Deck 4

Construction Method - Beam to Side of Post
Footing Type - In-Ground
Live Load - 60
Dead Load - 10
Decking Spacing - 1/8 in
Joist Spacing - 16 in
Beam Spacing - 47 in
Post Spacing - 36 in
Decking - L5/4x6 Treated Southern Pine No. 2

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Beams - L2x6 Treated Southern Pine No. 1
Joists - L2x6 Treated Southern Pine No. 1
Posts - L4x4 Treated Southern Pine No. 2
Deck Height - 30 in
Diagonal Bracing - Yes
Joist Overhang - 12 in
Beam Overhang - 6 in
Decking Deflection Factor - 360
Joist Deflection Factor - 360
Beam Deflection Factor - 360
Pref Decking Size - 5/4x6
Pref Joist Size - NONE
Pref Beam Size - NONE
Pref Post Size - NONE
Diag Brace Height 1 - 24 in
Diag Brace Height 2 - 24 in

Deck 5

Construction Method - Beam Flush With Joist
Footing Type - In-Ground
Live Load - 60
Dead Load - 10
Decking Spacing - 1/8 in
Joist Spacing - 16 in
Beam Spacing - 120 in
Post Spacing - 56 1/16 in
Decking - L5/4x6 Treated Southern Pine No. 2
Beams - L2x6 Treated Southern Pine No. 1
Joists - L2x8 Treated Southern Pine No. 1
Posts - L4x4 Treated Southern Pine No. 2
Deck Height - 125 in
Diagonal Bracing - Yes
Joist Overhang - 0 in
Beam Overhang - 0 in
Decking Deflection Factor - 360
Joist Deflection Factor - 360
Beam Deflection Factor - 360
Pref Decking Size - 5/4x6
Pref Joist Size - NONE
Pref Beam Size - NONE
Pref Post Size - NONE
Diag Brace Height 1 - 24 in
Diag Brace Height 2 - 24 in

Stair 1

Step Width - 36 in
Step Height - 28 3/4 in

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Step Rise - 7 3/16 in
Step Run - 11 in
Stringers - L2x12 Treated Southern Pine No. 2
Risers - L2x4 Treated Southern Pine No. 1
Treads - L5/4x6 Treated Southern Pine No. 2

Stair 2

Step Width - 36 in
Step Height - 88 1/2 in
Step Rise - 7 3/8 in
Step Run - 11 in
Stringers - L2x12 Treated Southern Pine No. 2
Risers - L2x4 Treated Southern Pine No. 1
Treads - L5/4x6 Treated Southern Pine No. 2

Stair 3

Step Width - 36 in
Step Height - 6 in
Step Rise - 6 in
Step Run - 11 in
Stringers - L2x12 Treated Southern Pine No. 2
Risers - L2x4 Treated Southern Pine No. 1
Treads - L5/4x6 Treated Southern Pine No. 2

Stair 5

Step Width - 36 in
Step Height - 87 3/8 in
Step Rise - 7 9/32 in
Step Run - 11 in
Stringers - L2x12 Treated Southern Pine No. 2
Risers - L2x4 Treated Southern Pine No. 1
Treads - L5/4x6 Treated Southern Pine No. 2

Railing 15

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 16

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 17

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

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Railing 18

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 19

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 20

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 14

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 13

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 12

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 10

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 9

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 8

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 7

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 6

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

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Railing 5

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 4

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 3

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 2

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 11

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 21

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 22

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 26

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 27

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 28

Railing Height - 36 in
Baluster Spacing - 3 3/4 in

Railing 29

Railing Height - 36 in

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## Sku Usage List

| Usage | Sku | Description | Qty |
|---|---|---|---|
| Baluster | 430400 | 2X2-42" PT BEVEL 1 END BALUSTER | 327 |
| Beam | 255411 | 2X6-12FT #1 PT WEATHERSHIELD | 1 |
| Beam | 255457 | 2X6-16FT #1 PT WEATHERSHIELD | 1 |
| Beam | 255676 | 2X8-12FT #1 PT | 2 |
| Beam | 255677 | 2X8-16FT #1 PT | 3 |
| Decking | 159091 | 5/4X6-16FT PREM PT WEATHERSHIELD | 35 |
| Decking | 167894 | 5/4X6-10FT PREM PT WEATHERSHIELD | 25 |
| Decking | 168768 | 5/4X6-8FT PREM PT WEATHERSHIELD | 5 |
| Decking | 168793 | 5/4X6-12FT PREM PT WEATHERSHIELD | 14 |
| H Top Rail | 254258 | 2X4-8FT #1 PT WEATHERSHIELD | 25 |
| H Top Rail | 254907 | 2X4-10FT #1 PT WEATHERSHIELD | 4 |
| Joist | 255411 | 2X6-12FT #1 PT WEATHERSHIELD | 1 |
| Joist | 255523 | 2X8-8FT #1 PT | 1 |
| Joist | 255618 | 2X8-10FT #1 PT | 13 |
| Joist | 255676 | 2X8-12FT #1 PT | 10 |
| Joist | 255677 | 2X8-16FT #1 PT | 2 |
| Ledger | 255523 | 2X8-8FT #1 PT | 1 |
| Ledger | 255677 | 2X8-16FT #1 PT | 2 |
| Post | 258132 | 4X4-12FT #2 PT | 2 |
| Post | 260691 | 6X6-8FT #2 PT | 3 |
| Post | 260931 | 6X6-12FT #2 PT | 3 |
| Post | Spec. Order 0 | 4x4x16 Treated Southern Pine No. 2 | 6 |
| Post | Spec. Order 1 | 6x6x16 Treated Southern Pine No. 2 | 7 |
| Railing Post | 256276 | 4X4-8FT #2 PT | 29 |
| Rim Joist | 255278 | 2X6-8FT #1 PT WEATHERSHIELD | 1 |
| Rim Joist | 255411 | 2X6-12FT #1 PT WEATHERSHIELD | 1 |
| Rim Joist | 255618 | 2X8-10FT #1 PT | 4 |
| Rim Joist | 255676 | 2X8-12FT #1 PT | 4 |
| Rim Joist | 255677 | 2X8-16FT #1 PT | 4 |
| Riser | 254258 | 2X4-8FT #1 PT WEATHERSHIELD | 1 |

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| Usage | Sku | | Description | Qty |
|---|---|---|---|---|
| Riser | 254907 | | 2X4-10FT #1 PT WEATHERSHIELD | 19 |
| Stair Stringer | 155959 | | 2X12-12FT #2 PT | 2 |
| Stair Stringer | 155961 | | 2X12-16FT #2 PT | 8 |
| Stair Stringer | 255974 | | 2X12-8FT #2 PT | 1 |
| Step Tread | 167894 | | 5/4X6-10FT PREM PT WEATHERSHIELD | 19 |
| Step Tread | 168768 | | 5/4X6-8FT PREM PT WEATHERSHIELD | 1 |
| Vert Top Rail | 167894 | | 5/4X6-10FT PREM PT WEATHERSHIELD | 4 |
| Vert Top Rail | 168768 | | 5/4X6-8FT PREM PT WEATHERSHIELD | 25 |
| **Decking** | | **Treated Southern Pine No. 2** | | |
| DeckScrew Green | 735002 | | DECKMATE SCREW, GREEN, 2-1/2IN, 5LB | 4 |
| **Baluster Fasteners** | | **1_FastenMaster** | | |
| | 1000004511 | | TRIO ULTIMATE DECK SCREW 2-1/2" 75 | 1 |
| **Beam to Post Connection** | | **1_Generic** | | |
| Beam Bolt 4x4 | 544208 | | CARRIAGE BOLT-GALV. 1/2 X 8 | 20 |
| Beam Bolt 6x6 | 544225 | | CARRIAGE BOLT-GALV. 1/2 X 10 | 42 |
| Beam Nut | 538892 | | HEX NUT GALV 1/2 | 62 |
| Beam Washer | 538981 | | FLAT CUT WASHER GALV 1/2 | 62 |
| **Blocking Fasteners** | | **1_FastenMaster** | | |
| | 1000004514 | | TRIO ULTIMATE DECK SCREW 2-1/2" 350 | 1 |
| **Concrete** | | **1_Quikrete** | | |
| 12" Conc IG Ftng | 169765 | | 80LB QUIKRETE CONCRETE MIX | 24 |
| **Deck Block** | | **1_Stock** | | |
| Concrete Deck Block | 734283 | | 7"X10"X10" DECK SUPPORT BASE BLOCK | 14 |
| **Diagonal Bracing Connection** | | **1_FastenMaster** | | |
| Diagonal Beam Brace Connection | 141565 | | TIMBERLOK 6" SCREW-50 PK | 2 |
| Diagonal Joist Brace Connection | 519589 | | HEADLOK 6" SCREW-50 PK | 2 |
| **Diagonal Bracing** | | **1_Generic** | | |

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| Usage | Sku | | Description | Qty |
|---|---|---|---|---|
| Post To Beam | 257974 | | 4X4-10FT #2 PT | 9 |
| Post To Joist | 256276 | | 4X4-8FT #2 PT | 11 |
| **Flashing Fasteners** | | **1_Generic** | | |
| LedgerFlashing Nail | 193631 | | 3D 1-1/4" ELECTRO GALV. ROOFING 1 LB | 1 |
| **Flashing** | | **1_Generic** | | |
| LedgerFlashing Wh | 439398 | | WHITE GALVANIZED DECK LEDGER | 5 |
| **Joist Hangers/Fasteners** | | **Simpson Strong Tie** | | |
| 2x8 Hanger Screws | 479881 | | SIMPSON #10 X 2.5" CONNECTOR SCREW | 8 |
| 2x8 Joist Hanger | 865858 | | LUS28Z 2"X8" 18GA DBL SHEAR HANGER | 76 |
| **Joist to Beam Connection** | | **2_Generic** | | |
| Joist Framing Nails | 192708 | | 16D 3-1/2" HOT GALV COMMON 5 LB | 1 |
| **Ledger Fasteners** | | **1_FastenMaster** | | |
| LedgerLok4x12 | 507932 | | LEDGERLOK 3 5/8"SCREW-12 PK | 3 |
| **Rail Post Connection** | | **1_Generic** | | |
| Rail Post-Bolt | 927708 | | CARRIAGE BOLT GALV 1/2 X 6 | 114 |
| Rail Post-Nut | 538892 | | HEX NUT GALV 1/2 | 114 |
| Rail Post-Washer | 538981 | | FLAT CUT WASHER GALV 1/2 | 114 |
| **Rail to Rail Post Connection** | | **1_FastenMaster** | | |
| | 1000004914 | | TRIO ULITMATE DECK SCREW 3" 350 | 1 |
| **Rim Joist Fasteners** | | **1_Generic** | | |
| Rim Joist Nail | 446408 | | 16D 3-1/2" HOT GALV BOX 1 LB | 7 |
| **Stringer Connection** | | **2_FastenMaster** | | |
| Stringer TmbrLok | 141502 | | TIMBERLOK 4" SCREW-12 PK | 4 |
| **Tread Connection** | | **1_DeckMate** | | |
| Tread Screw Green | 734605 | | DECKMATE SCREW, GREEN, 2-1/2IN, 1LB | 5 |

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