



COMcheck Software Version 4.0.8.1

## Envelope Compliance Certificate

### Section 1: Project Information

Energy Code: 2009 IECC

Project Title: Riverhouse at Odette's

Project Type: New Construction

Construction Site:  
274 South River Road  
New Hope, PA 18938

Owner/Agent:  
Gateway to New Hope, LLC  
328 S. River Road  
New Hope, PA 18938

Designer/Contractor:  
Stokes Architecture  
2103 Sansom Street  
Philadelphia, PA 19103  
215-523-9190 x102  
davef@stokesarch.com

Building Location (for weather data):  
Climate Zone: 4a  
Vertical Glazing / Wall Area Pct.: 30%

Building Use: Activity Type(s)  
2-Open Ground Floor Parking/Unconditioned/Low-Hazard  
(Parking Garage) : Nonresidential  
1- Hotel : Nonresidential  
3-Banquette Hall/Dining Room/Bar/Lobby/Kitchen (Dining: Family)  
: Nonresidential  
4-Penthouse Lounge (Dining: Bar Lounge/Leisure) :  
Nonresidential

Floor Area  
7620  
26206  
11690  
1893

### Section 2: Envelope Assemblies and Requirements Checklist

Envelope PASSES: Design 4% better than code.

#### Envelope Assemblies:

| Component Name/Description                                                                                                                                              | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Proposed U-Factor | Budget U-Factor <sup>(a)</sup> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|---------------|-------------------|--------------------------------|
| Standing Seam Roof #1: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                            | 2154                    | ---            | 20.0          | 0.048             | 0.048                          |
| Standing Seam Roof #2: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                            | 3027                    | ---            | 20.0          | 0.048             | 0.048                          |
| Standing Seam Roof #3: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                            | 2895                    | ---            | 20.0          | 0.048             | 0.048                          |
| Standing Seam Roof - Stair Tower: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                 | 795                     | ---            | 20.0          | 0.048             | 0.048                          |
| TPO Roof Penthouse: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                               | 1893                    | ---            | 20.0          | 0.048             | 0.048                          |
| TPO Roof Penthouse Roof Deck: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                     | 959                     | ---            | 20.0          | 0.048             | 0.048                          |
| TPO Roof at Mechanical Monitor: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                   | 280                     | ---            | 20.0          | 0.048             | 0.048                          |
| TPO Roof at Mechanical Valley: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                    | 1465                    | ---            | 20.0          | 0.048             | 0.048                          |
| Stone Roof at Lobby: Insulation Entirely Above Deck, [Bldg. Use 1 - Hotel]                                                                                              | 683                     | ---            | 20.0          | 0.048             | 0.048                          |
| First Floor: Concrete Floor (over unconditioned space), [Bldg. Use 3 - Banquette Hall/Dining Room/Bar/Lobby/Kitchen]                                                    | 11690                   | ---            | 10.0          | 0.076             | 0.087                          |
| 2nd Floor balcony over Prefunction (Roof): Other Floor, [Bldg. Use 1 - Hotel] (b)                                                                                       | 120                     | ---            | ---           | 0.087             | 0.033                          |
| Garage Level Floor at Interior spaces: Slab-On-Grade/Unheated, Horizontal without vertical >= 4 ft., [Bldg. Use 2 - Open Ground Floor Parking/Unconditioned/Low-Hazard] | 315                     | ---            | 10.0          | ---               | ---                            |

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|                                                                                                                                                                                  |      |      |     |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----|-------|-------|
| W2 Windows at all floors: Wood Frame, Perf. Specs.: Product ID W2, SHGC 0.27, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                 | 135  | ---  | --- | 0.300 | 0.400 |
| Brick Wall #5: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                 | 2182 | 22.5 | 8.0 | 0.056 | 0.064 |
| W20A triangular transom windows: Wood Frame, Perf. Specs.: Product ID W20B, SHGC 0.26, PF 0.13, VT 0.44, [Bldg. Use 1 - Hotel] (c)                                               | 32   | ---  | --- | 0.310 | 0.400 |
| Window 35: Metal Frame with Thermal Break, Perf. Specs.: Product ID Nanawall, SHGC 0.19, VT 0.43, [Bldg. Use 1 - Hotel] (c)                                                      | 512  | ---  | --- | 0.350 | 0.550 |
| French Doors at 3rd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID French Door, SHGC 0.21, PF 0.03, VT 0.34, [Bldg. Use 1 - Hotel] (c) | 212  | ---  | --- | 0.300 | 0.400 |
| French Doors at 2nd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID French Door, SHGC 0.21, PF 0.03, VT 0.34, [Bldg. Use 1 - Hotel] (c) | 212  | ---  | --- | 0.300 | 0.400 |
| Brick Wall #6: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                 | 2531 | 22.5 | 8.0 | 0.056 | 0.064 |
| W2 Windows 3rd Floor: Wood Frame, Perf. Specs.: Product ID W2, SHGC 0.27, PF 0.04, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                            | 90   | ---  | --- | 0.300 | 0.400 |
| W2 Windows 2nd Floor: Wood Frame, Perf. Specs.: Product ID W2, SHGC 0.27, PF 0.02, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                            | 90   | ---  | --- | 0.300 | 0.400 |
| W2 Windows 1st Floor: Wood Frame, Perf. Specs.: Product ID W2, SHGC 0.27, PF 0.01, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                            | 165  | ---  | --- | 0.300 | 0.400 |
| XD1 Balcony Doors: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID XD1, SHGC 0.21, PF 0.51, VT 0.34, [Bldg. Use 1 - Hotel] (c)                 | 96   | ---  | --- | 0.300 | 0.400 |
| XD1 Balcony Sidelites: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID XD1, SHGC 0.21, PF 0.51, VT 0.34, [Bldg. Use 1 - Hotel] (c)             | 96   | ---  | --- | 0.300 | 0.400 |
| Brick Wall #6 side walls: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                      | 193  | 22.5 | 8.0 | 0.056 | 0.064 |
| Roof Top Lounge Exterior Wall: Steel-Framed, 16" o.c., [Bldg. Use 4 - Penthouse Lounge]                                                                                          | 479  | 22.5 | 8.0 | 0.056 | 0.064 |
| Sliding Windows at Penthouse level: Metal Frame with Thermal Break, Perf. Specs.: Product ID HSW60, SHGC 0.24, PF 0.40, VT 0.43, [Bldg. Use 4 - Penthouse Lounge] (c)            | 269  | ---  | --- | 0.350 | 0.550 |
| Window at bar: Metal Frame with Thermal Break, Perf. Specs.: Product ID NA, SHGC 0.24, PF 0.70, VT 0.43, [Bldg. Use 4 - Penthouse Lounge] (c)                                    | 14   | ---  | --- | 0.350 | 0.550 |
| Board & Batten Stair Tower Wall Facing North: Steel-Framed, 16" o.c., [Bldg. Use 4 - Penthouse Lounge]                                                                           | 263  | 22.5 | 8.0 | 0.056 | 0.064 |

- (a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.  
(b) Other components require supporting documentation for proposed U-factors.  
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

#### Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- ☐ 5. Other components have supporting documentation for proposed U-Factors.
- ☐ 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- ☐ 8. Cargo doors and loading dock doors are weather sealed.
- ☐ 9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- ☐ 10. Building entrance doors have a vestibule equipped with self-closing devices.  
*Exceptions:*
- ☐ Building entrances with revolving doors.
- ☐ Doors not intended to be used as a building entrance.
- ☐ Doors that open directly from a space less than 3000 sq. ft. in area.
- ☐ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
- ☐ Doors opening directly from a sleeping/dwelling unit.

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|                                                                                                                                                                                                                 |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------|-------|
| Garage Level Foundation wall at interior spaces: Solid Concrete, 12" Thickness, Normal Density, Furring: Metal, Wall Ht 9.0, Depth B.G. 1.5, [Bldg. Use 2 - Open Ground Floor Parking/Unconditioned/Low-Hazard] | 1323 | 0.0  | 10.0 | 0.080 | 0.579 |
| Brick Wall River Road #1: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                                     | 2990 | 8.0  | 8.0  | 0.067 | 0.064 |
| W2/W4 Windows 3rd Floor: Wood Frame, Perf. Specs.: Product ID W2, SHGC 0.27, PF 0.04, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                                        | 341  | ---  | ---  | 0.300 | 0.400 |
| W20B triangular transom windows: Wood Frame, Perf. Specs.: Product ID W20B, SHGC 0.26, PF 0.13, VT 0.44, [Bldg. Use 1 - Hotel] (c)                                                                              | 56   | ---  | ---  | 0.310 | 0.400 |
| XD5 Sidelites: Wood Frame, Perf. Specs.: Product ID XD5, SHGC 0.67, PF 1.35, VT 0.72, [Bldg. Use 1 - Hotel] (c)                                                                                                 | 20   | ---  | ---  | 0.520 | 0.400 |
| W2 Windows 2nd Floor: Wood Frame, Perf. Specs.: Product ID W2, SHGC 0.27, PF 0.01, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                                           | 344  | ---  | ---  | 0.300 | 0.400 |
| XD6 Door: Glass (> 50% glazing)/Nonmetal Frame, Entrance Door, Perf. Specs.: Product ID XD6, SHGC 0.26, PF 1.35, VT 0.44, [Bldg. Use 1 - Hotel] (c)                                                             | 25   | ---  | ---  | 0.300 | 0.400 |
| Board & Batten Wall River Road (Stair Tower): Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                 | 929  | 22.5 | 8.0  | 0.056 | 0.064 |
| W13 Windows: Metal Frame Curtain Wall/Storefront, Perf. Specs.: Product ID W13, SHGC 0.30, PF 0.04, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                          | 152  | ---  | ---  | 0.280 | 0.500 |
| Board & Batten Wall Penthouse wall (Facing South): Steel-Framed, 16" o.c., [Bldg. Use 3 - Banquette Hall/Dining Room/Bar/Lobby/Kitchen]                                                                         | 384  | 22.5 | 8.0  | 0.056 | 0.064 |
| W19 Triangular Window: Wood Frame, Perf. Specs.: Product ID W19, SHGC 0.26, PF 0.07, VT 0.44, [Bldg. Use 3 - Banquette Hall/Dining Room/Bar/Lobby/Kitchen] (c)                                                  | 34   | ---  | ---  | 0.310 | 0.400 |
| W18A Windows: Wood Frame, Perf. Specs.: Product ID W18A, SHGC 0.30, PF 0.03, VT 0.51, [Bldg. Use 3 - Banquette Hall/Dining Room/Bar/Lobby/Kitchen] (c)                                                          | 68   | ---  | ---  | 0.280 | 0.400 |
| W18C Windows: Wood Frame, Perf. Specs.: Product ID W18C, SHGC 0.30, PF 0.02, VT 0.51, [Bldg. Use 3 - Banquette Hall/Dining Room/Bar/Lobby/Kitchen] (c)                                                          | 53   | ---  | ---  | 0.280 | 0.400 |
| W13 Window: Wood Frame, Perf. Specs.: Product ID W18C, SHGC 0.30, PF 0.02, VT 0.51, [Bldg. Use 3 - Banquette Hall/Dining Room/Bar/Lobby/Kitchen] (c)                                                            | 25   | ---  | ---  | 0.280 | 0.400 |
| Stair Tower Wall above main entrance River Road: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                              | 425  | 22.5 | 8.0  | 0.056 | 0.064 |
| W18A Penthouse level: Wood Frame, Perf. Specs.: Product ID W18A, SHGC 0.30, PF 0.04, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                                         | 43   | ---  | ---  | 0.280 | 0.400 |
| W18A 3rd Floor: Wood Frame, Perf. Specs.: Product ID W18A, SHGC 0.30, PF 0.02, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                                               | 54   | ---  | ---  | 0.280 | 0.400 |
| W18A 2nd Floor: Wood Frame, Perf. Specs.: Product ID W18A, SHGC 0.30, PF 0.01, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                                               | 54   | ---  | ---  | 0.280 | 0.400 |
| Entry Door Sidelites: Metal Frame with Thermal Break, Perf. Specs.: Product ID XD7, SHGC 0.21, PF 0.28, VT 0.44, [Bldg. Use 1 - Hotel] (c)                                                                      | 46   | ---  | ---  | 0.330 | 0.550 |
| XD6: Glass (> 50% glazing)/Nonmetal Frame, Entrance Door, Perf. Specs.: Product ID XD6, SHGC 0.16, PF 0.14, VT 0.44, [Bldg. Use 1 - Hotel] (c)                                                                  | 58   | ---  | ---  | 0.440 | 0.400 |
| Stone Lobby Wall #1 River Road: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                               | 1086 | 22.5 | 8.0  | 0.056 | 0.064 |
| W1 Window 2nd Floor: Wood Frame, Perf. Specs.: Product ID W1, SHGC 0.26, PF 0.03, VT 0.45, [Bldg. Use 1 - Hotel] (c)                                                                                            | 48   | ---  | ---  | 0.290 | 0.400 |
| W1 Window 1st Floor: Wood Frame, Perf. Specs.: Product ID W1, SHGC 0.26, PF 0.02, VT 0.45, [Bldg. Use 1 - Hotel] (c)                                                                                            | 48   | ---  | ---  | 0.290 | 0.400 |
| W17 2nd Floor: Metal Frame with Thermal Break, Perf. Type: Energy code default, Single Pane, Clear, SHGC 0.80, PF 0.02, VT 0.60, [Bldg. Use 1 - Hotel] (c)                                                      | 83   | ---  | ---  | 1.100 | 0.550 |
| W17 1st Floor: Metal Frame with Thermal Break, Perf. Type: Energy code default, Single Pane, Clear, SHGC 0.80, PF 0.01, VT 0.60, [Bldg. Use 1 - Hotel] (c)                                                      | 92   | ---  | ---  | 1.100 | 0.550 |
| Brick Wall River Road #2: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                                     | 974  | 22.5 | 8.0  | 0.056 | 0.064 |
| W9 & W10 Windows Penthouse Level: Wood Frame, Perf. Specs.: Product ID W9/W10, SHGC 0.30, PF 0.06, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                           | 167  | ---  | ---  | 0.280 | 0.400 |

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### Section 3: Compliance Statement

**Compliance Statement:** The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.0.8.1 and to comply with the mandatory requirements in the Requirements Checklist.

| Name - Title | Signature | Date |
|--------------|-----------|------|
|--------------|-----------|------|

|                                                                                                                                                                                      |      |      |     |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----|-------|-------|
| W5 2nd Floor: Wood Frame, Perf. Specs.: Product ID W5, SHGC 0.27, PF 0.02, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                        | 88   | ---  | --- | 0.300 | 0.400 |
| W5 First Floor: Wood Frame, Perf. Specs.: Product ID W5, SHGC 0.27, PF 0.01, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                      | 96   | ---  | --- | 0.300 | 0.400 |
| Brick Wall #3: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                     | 1287 | 22.5 | 8.0 | 0.056 | 0.064 |
| W11 Arch Window: Wood Frame, Perf. Specs.: Product ID W11, SHGC 0.30, PF 0.03, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                    | 88   | ---  | --- | 0.280 | 0.400 |
| XD2 Sidelites at 2nd Floor: Wood Frame, Perf. Specs.: Product ID XD2, SHGC 0.21, PF 0.02, VT 0.34, [Bldg. Use 1 - Hotel] (c)                                                         | 90   | ---  | --- | 0.300 | 0.400 |
| XD3 Balcony Door at 2nd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID XD3, SHGC 0.21, PF 0.06, VT 0.34, [Bldg. Use 1 - Hotel] (c)         | 50   | ---  | --- | 0.300 | 0.400 |
| XD4 Door at First Floor: Glass (> 50% glazing)/Nonmetal Frame, Entrance Door, Perf. Specs.: Product ID XD4, SHGC 0.26, PF 3.60, VT 0.44, [Bldg. Use 1 - Hotel] (c)                   | 23   | ---  | --- | 0.300 | 0.400 |
| W21 at First Floor: Wood Frame, Perf. Specs.: Product ID W21, SHGC 0.30, PF 3.60, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                 | 54   | ---  | --- | 0.280 | 0.400 |
| Stone Lobby Wall #2: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                               | 292  | 22.5 | 8.0 | 0.056 | 0.064 |
| W1 Window 2nd Floor: Wood Frame, Perf. Specs.: Product ID W1, SHGC 0.26, PF 0.04, VT 0.45, [Bldg. Use 1 - Hotel] (c)                                                                 | 24   | ---  | --- | 0.290 | 0.400 |
| W1 Window First Floor: Wood Frame, Perf. Specs.: Product ID W1, SHGC 0.26, PF 0.02, VT 0.45, [Bldg. Use 1 - Hotel] (c)                                                               | 24   | ---  | --- | 0.290 | 0.400 |
| Board & Batten Wall (Facing South): Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                | 56   | 22.5 | 8.0 | 0.056 | 0.064 |
| Brick Wall #4: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                                     | 2554 | 22.5 | 8.0 | 0.056 | 0.064 |
| W8 Windows: Wood Frame, Perf. Specs.: Product ID W9/W10, SHGC 0.30, PF 0.06, VT 0.51, [Bldg. Use 1 - Hotel] (c)                                                                      | 75   | ---  | --- | 0.280 | 0.400 |
| W5 2nd Floor: Wood Frame, Perf. Specs.: Product ID W5, SHGC 0.27, PF 0.02, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                        | 88   | ---  | --- | 0.300 | 0.400 |
| W5 First Floor: Wood Frame, Perf. Specs.: Product ID W5, SHGC 0.27, PF 0.01, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                      | 96   | ---  | --- | 0.300 | 0.400 |
| W20A triangular transom windows: Wood Frame, Perf. Specs.: Product ID W20B, SHGC 0.26, PF 0.15, VT 0.44, [Bldg. Use 1 - Hotel] (c)                                                   | 32   | ---  | --- | 0.310 | 0.400 |
| 3 Door Nanawall at First Floor: Metal Frame with Thermal Break, Perf. Specs.: Product ID 3 Door Nanawall, SHGC 0.19, PF 0.60, VT 0.43, [Bldg. Use 1 - Hotel] (c)                     | 352  | ---  | --- | 0.340 | 0.550 |
| French Doors at 3rd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID French Door, SHGC 0.21, PF 0.03, VT 0.34, [Bldg. Use 1 - Hotel] (c)     | 212  | ---  | --- | 0.300 | 0.400 |
| French Doors at 2nd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID French Door, SHGC 0.21, PF 0.03, VT 0.34, [Bldg. Use 1 - Hotel] (c)     | 212  | ---  | --- | 0.300 | 0.400 |
| Board & Batten #1 Facing River: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                    | 528  | 22.5 | 8.0 | 0.056 | 0.064 |
| W2 Windows at all floors: Wood Frame, Perf. Specs.: Product ID W2, SHGC 0.27, VT 0.46, [Bldg. Use 1 - Hotel] (c)                                                                     | 135  | ---  | --- | 0.300 | 0.400 |
| Board & Batten #1 Side Panels Facing River: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                        | 376  | 22.5 | 8.0 | 0.056 | 0.064 |
| Wall Facing River at Bend: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                         | 880  | 22.5 | 8.0 | 0.056 | 0.064 |
| Sliding Nanawall: Metal Frame with Thermal Break, Perf. Specs.: Product ID HSW60, SHGC 0.24, VT 0.43, [Bldg. Use 1 - Hotel] (c)                                                      | 239  | ---  | --- | 0.350 | 0.550 |
| XD10 at 3rd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID Balcony Doors, SHGC 0.21, PF 0.48, VT 0.34, [Bldg. Use 1 - Hotel] (c)           | 88   | ---  | --- | 0.300 | 0.400 |
| XD10 sidelites at 3rd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID Balcony Doors, SHGC 0.21, PF 0.48, VT 0.34, [Bldg. Use 1 - Hotel] (c) | 88   | ---  | --- | 0.300 | 0.400 |
| XD10 at 2nd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID Balcony Doors, SHGC 0.21, PF 0.48, VT 0.34, [Bldg. Use 1 - Hotel] (c)           | 88   | ---  | --- | 0.300 | 0.400 |
| XD10 sidelites at 2nd Floor: Glass (> 50% glazing)/Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID Balcony Doors, SHGC 0.21, PF 0.48, VT 0.34, [Bldg. Use 1 - Hotel] (c) | 88   | ---  | --- | 0.300 | 0.400 |
| Board & Batten #2 Facing River: Steel-Framed, 16" o.c., [Bldg. Use 1 - Hotel] (c)                                                                                                    | 528  | 22.5 | 8.0 | 0.056 | 0.064 |

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## RIVERHOUSE AT Odette's

274 SOUTH RIVER ROAD  
NEW HOPE, PA 18938

OWNER/ OPERATOR:  
GATEWAY TO NEW HOPE, LLC  
274 South River Road  
New Hope, PA 18938

#### ARCHITECT:

STOKES ARCHITECTURE  
1700 Sansom Street  
Philadelphia, PA 19103  
tel: (215) 523-9190

#### INTERIOR DESIGNER

BALONGUE DESIGN INC  
707 Matsonford Road  
Villanova, PA 19085  
tel: (610) 525-7593  
fax: (610) 525-7594

#### CIVIL ENGINEER:

VAN CLEEF ENGINEERING  
ASSOCIATES, LLC  
501 North Main Street  
Doylestown, PA 18901  
tel: (215) 345-1976  
fax: (215) 345-1730

#### STRUCTURAL ENGINEER:

O'DONNELL & NACCARATO  
111 S. Independence Mall East Suite 950  
Philadelphia, PA 19106  
tel: (215) 525-3788

#### MEP ENGINEER:

WICK FISHER WHITE  
111 S. Independence Mall East Suite 400  
Philadelphia, PA 19106  
tel: (215) 627-3200  
fax: (215) 627-4240

#### LIGHTING DESIGNER

BRIAN ORTER LIGHTING DESIGN LLC  
227 W. 29th St 8th Floor  
New York, NY 10001  
tel: (646) 502-7568

STOKES.  
ARCHITECTURE + DESIGN  
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#### SEAL

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| 0    | ISSUE FOR PERMIT | 2019-0228 |
| MARK | REVISIONS        | DATE      |

ALL DIMENSIONS AND RELATIONSHIPS MUST BE VERIFIED BY CONTRACTOR. THE ARCHITECT IS TO BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE CONSTRUCTION. (DO NOT SCALE FROM DRAWINGS.)

PROJECT #:  
FILENAME: Odettes.v2017.current.rvt  
DRAWN: Author  
CHECKED: Checker  
DATE: 2019-0228

### PERMIT SET

### CODE INFORMATION

DRAWING

CS102