

274 SOUTH RIVER ROAD
NEW HOPE, PA 18938

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

ARCHITECT:
STOKES ARCHITECTURE
2103 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:
AN CLEEF ENGINEERING
ASSOCIATES, LLC
501 North Main Street
Doylestown, PA 18901
tel: (215) 345-1876
fax: (215) 345-1730

STRUCTURAL ENGINEER:
DONNELL & NACCARATO
Independence Mall East Suite 950
Philadelphia, PA 19106
tel: (215) 925-3788

MEP ENGINEER:
WICK FISHER WHITE
Independence Mall East Suite 400
Philadelphia, PA 19106
tel: (215) 627-0200
fax: (215) 627-8240

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



1. REFER TO DRAWING MPE FOR HVAC, PLUMBING/FIRE PROTECTION & ELECTRICAL GENERAL NOTES, ABBREVIATIONS, LEGENDS & DRAWING LIST.
2. WORK TO CONFORM TO C2009 & NAPA 13200 AS ADOPTED AND AMENDED BY BOARD OF NEW HOPE, PENNSYLVANIA.
3. THIS DRAWING IS DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PUMP ROUTINGS WITH ALL OTHER TRADES. FIRE PROTECTION PIPES ARE TO BE ROUTED BEHIND DUCTWORK OR IN OTHER STRUCTURAL ELEMENTS. NO SUPPORT SHALL BE REQUIRED TO BE PROVIDED TO ANY PIPING PRIOR TO THE PERMITTING PERMITTED WITHOUT PRIOR AUTHORIZATION FROM STRUCTURAL ENGINEER OF RECORD.
4. CONTRACTOR IS TO HYDRAULICALLY CALCULATE AND DESIGN THE SYSTEM PER STANDARDS AND HAZARD RATINGS IDENTIFIED. SUBMIT FOR ENGINEERS APPROVAL. ALL SPRINKLER PIPING SHALL BE INSTALLED PRIOR TO THE PERMIT TO CONSTRUCTION. ALL PIPE SIZES DERIVED WITHOUT A SIZE, ARE TO BE HYDRAULICALLY CALCULATED AND DESIGNED BY THE CONTRACTOR.
5. ALL SPACES, UNLESS OTHERWISE NOTED BY DRAWING NOTES, ARE PROTECTED BY A WET SPRINKLER SYSTEM PER FIRE PROTECTION DESIGN CRITERIA FOUND ON P.F.B.
6. ALL SPRINKLER PIPING, UNLESS OTHERWISE NOTED, IS SLOPED TO DRAIN AT CODE ALLOWED MINIMUM. IN CASES WHERE THE PIPE CAN NOT CLOSETLY TO DRAIN TO ITS DESIGN MINIMUM SLOPE, PROVIDE DRAIN TRAP DRIPS TO ALLOW FLOW TO MAINTAIN MAINTENANCE.
7. BUILDING IS PROTECTED BY CLASS 1 WET/MAINTAL STAND PIPE, PER IN BC 2009 SECTION 905.3.1 EXCEPT ION 1 AND DOES NOT MAINTAIN 100 PSI AT THE TOP MOST 2 1/2" H.W. CLEARANCE. STAND PIPE SHALL BE INSTALLED TO THE TOP OF THE BUILDING. SYSTEM PRESSURE IS DETERMINED BY THE AUTOMATIC SPRINKLER SYSTEM. STAND PIPE SYSTEMS SHALL BE INSTALLED TO THE TOP OF THE BUILDING.
8. STANDPIPE 2 1/2" FIRE HOSE VALVE CONNECTION TRAP TYPE IS INDICATED BY THE FIRE MANUAL. CONTRACTOR IS TO CONTACT AND COORDINATE TRAP TYPE PRIOR TO ORDERING EQUIPMENT.
9. REFER TO DIAGRAM P.F.B. FOR PUMP SIZES, TS, TS LOCATIONS AND OTHER INFORMATION NOT DEPICTED ON PIPING FOR GRAPHICAL CLARITY.

- 1 AREA OUTLINED BY THIS NOTE REPRESENTS A SPACE WITHOUT A ROOF AND COMPLETELY OPEN TO THE OUTSIDE. THIS AREA DOES NOT REQUIRE AUTOMATIC SPRINKLER FIRE PROTECTION.
- 2 AREA OUTLINED BY THIS NOTE RESIDES UNDER NON-COMBUSTIBLE ROOF OPEN TO THE OUTSIDE UNDER WHICH NO COMBUSTIBLE MATERIALS ARE STORED OR HANDLED. NFPA 13B 13.7.1.1(1) AND 13.7.1.2 THIS AREA DOES NOT REQUIRE AUTOMATIC SPRINKLER FIRE PROTECTION.
- 3 AREA OUTLINED BY THIS NOTE REPRESENTS A SPACE WITH A TILTED ROOF AT 18° HORIZONTAL, STEP AND 60° VERTICAL, STEP. FOLLOW NFPA 13 2007 SECTION 8.6.4.1(3) WHEN DESIGNING FIRE PROTECTION IN THIS AREA.
- 4 AREA OUTLINED BY THIS NOTE REPRESENTS A SPACE WITH A TILDED ROOF AT 18° HORIZONTAL, STEP AND 38° VERTICAL, STEP. FOLLOW NFPA 13 2007 SECTION 8.6.4.1(3) WHEN DESIGNING FIRE PROTECTION IN THIS AREA.

	ISSUE FOR CONSTRUCTION	02.28.2019
3	COMMISSIONING COMMENTS	01.23.2019
2	PERMIT SET	07.25.2018
1	90% PRICING SET	06.18.2018
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 #:	140145.001
FILENAME:	-
DRAWN:	WFW
CHECKED:	WFW
DATE:	07/25/18

ISSUE FOR CONSTRUCTION
02-28-2019

THIRD FLOOR PLAN-FIRE PROTECTION WORK

DRAWING

FP-4