

PLUMBING FIXTURE SCHEDULE										
NO	FIXTURE	MANUFACTURER	MODEL	TYPE	TRIM	REMARKS	CONNECTIONS			
							CW	HW	W	TRAP
WC-1	WALL HUNG WATER CLOSET	KOHLER	K-4325-0 KINGSTON WALL MOUNTED 1/28 GPF TOILET	WALL HUNG, WHITE, ELONGATED BOWL WITH OPEN FRONT SEAT 1/28 GPF	FLUSH VALVE KOHLER TRIPPOINT K-7531- ELECTRONIC INFRARED SENSOR ACTIVATION & SLOW CLOSE PISTON TECHNOLOGY SEAT KOHLER STRONGHOLD K-4731-GC-0		1"	-	4"	INTEGRAL
WC-1A	ADA ACCESSIBLE WALL HUNG WATER CLOSET	KOHLER	K-4325-0 KINGSTON WALL MOUNTED 1/28 GPF TOILET	WALL HUNG, WHITE, ELONGATED BOWL WITH OPEN FRONT SEAT 1/28 GPF	FLUSH VALVE KOHLER TRIPPOINT K-7531- ELECTRONIC INFRARED SENSOR ACTIVATION & SLOW CLOSE PISTON TECHNOLOGY SEAT KOHLER STRONGHOLD K-4731-GC-0	WC-2A- ADA ACCESSIBLE WATER CLOSET MOUNTING HEIGHT 17" TO LIP OF FIXTURE	1"	-	4"	INTEGRAL
WC-2	FLOOR MOUNTED TANK TYPE FLOOR MOUNTED TOILET	KOHLER	K-3950 TRESHAM TWO PIECE TANK TYPE, FLOOR MOUNTED TOILET	WHITE, ELONGATED BOWL, 12" ROUGH WATER CLOSET 1/28 GPF, CLOSED FRONT SEAT W/COVER	INTEGRAL AQUA PISTON FLUSH ENGINE, TRIP LEVER OPERATION, QUIET CLOSE ELONGATED TOILET SEAT W/UD KOHLER K-4036, CHROME X/ TURN SUPPLY		1/2"	-	4"	INTEGRAL
WC-2A	ADA ACCESSIBLE FLOOR MOUNTED TANK TYPE WATER CLOSET	KOHLER	K-3950 TRESHAM TWO PIECE TANK TYPE, FLOOR MOUNTED TOILET	FLOOR MOUNTED, WHITE, ELONGATED BOWL, TWO PIECE 12" ROUGH WATER CLOSET 1/28 GPF	INTEGRAL AQUA PISTON FLUSH ENGINE, TRIP LEVER OPERATION, SLOW CLOSE ELONGATED TOILET SEAT W/UD KOHLER K-4036, CHROME X/ TURN SUPPLY		1/2"	-	4"	INTEGRAL
UR-1	WALL HUNG URINAL	KOHLER	K-5244-E1 STEWARD WALL MOUNTED 18 CP/MFLUSH URINAL	WALL HUNG WHITE VITREOUS CHINA URINAL, W/WALL HANGERS & 1/8 GPF FLUSHMETER	FLUSH VALVE KOHLER TRIPPOINT K-10949-SV ELECTRONIC INFRARED SENSOR ACTIVATION & SLOW CLOSE TECHNOLOGY, 1/8 GPM/FLUSH		3/4"	-	2"	INTEGRAL
UR-1A	ADA ACCESSIBLE WALL HUNG URINAL	KOHLER	K-5244-E1 STEWARD WALL MOUNTED 18 CP/MFLUSH URINAL	WALL HUNG WHITE VITREOUS CHINA URINAL, W/WALL HANGERS & 1/8 GPF FLUSHMETER		UR-1A - ADA ACCESSIBLE URINAL MOUNTING HEIGHT 17" TO LIP OF FIXTURE	3/4"	-	2"	INTEGRAL
LAV-1	LAVATORY	KOHLER	VERTICYCLE RECTANGLE K-2862	WHITE VITREOUS CHINA UNDER MOUNT SINK W/FRONT OVERFLOW DRAIN - NO FAUCET HOLES	KOHLER COMPOSED K-7305-4" 8" SPREAD LEVER HANDLE DECK MOUNTED FAUCET W/POP UP DRAIN LIFT ROD & TAILPIECE, MATTE BLACK FINISH K-8808-CP 1" TRAP W/CLEAN OUT & CHROME X/ TURN SUPPLIES	PROVIDE TRAP WRAP ON ALL LAV TRAPS IN PUBLIC REST ROOMS	1/2"	1/2"	1 1/2"	P
LAV-2	LAVATORY	KOHLER	VERTICYCLE RECTANGLE K-2862	WHITE FIRE CLAY PEDESTAL SINK W/FRONT OVERFLOW DRAIN - 7 FAUCET HOLES & BRASS POLISHED CHROME LEGS, SHELF & SIDE RAILS	KOHLER K-14410-4 BL LEVER HANDLE DECK MOUNTED FAUCET W/POP UP DRAIN LIFT ROD & TAILPIECE, MATTE BLACK FINISH K-8803-BL BOTTLE TRAP, CHROME X/ TURN SUPPLIES	PROVIDE TRAP WRAP ON ALL LAV TRAPS IN PUBLIC REST ROOMS	1/2"	1/2"	1 1/2"	P
LAV-3	LAVATORY	KOHLER	VERTICYCLE RECTANGLE K-2862	WHITE VITREOUS CHINA UNDER MOUNT SINK W/FRONT OVERFLOW DRAIN - NO FAUCET HOLES	KOHLER PURIST K-14410-4 8" SPREAD LEVER HANDLE DECK MOUNTED FAUCET W/POP UP DRAIN LIFT ROD & TAILPIECE, MATTE BLACK FINISH 1/2" X 1/2" P TRAP W/CLEAN OUT & CHROME X/ TURN SUPPLIES	PROVIDE TRAP WRAP ON ALL LAV TRAPS IN ADA ACCESSIBLE ROOMS	1/2"	1/2"	1 1/2"	P
SK-1	SINK	KOHLER	WHITEHAVEN K-6489	WHITE ENAMELED CAST IRON UNDER MOUNT SINK SINK W/SET DRAIN	KOHLER PURIST K-7547 8" SPREAD LEVER HANDLE DECK MOUNTED FAUCET, MATTE BLACK FINISH 1/2" P TRAP W/CLEAN OUT & CHROME X/ TURN SUPPLIES	SINK STRAINER - KOHLER K-8801-CP	1/2"	1/2"	1 1/2"	P
SK-2	SINK	KOHLER	VAULT K-3822-1	STAINLESS STEEL 18 GA UNDER MOUNT SINGLE BOWL SINK W/CENTER DRAIN	KOHLER PURIST K-7505 SINGLE LEVER DECK MOUNTED FAUCET W/ 3 FUNCTION, PULL OUT SPRAYHEAD, MATTE BLACK FINISH 1/2" P TRAP W/CLEAN OUT & CHROME X/ TURN SUPPLIES	SINK STRAINER - KOHLER K-8801-CP	1/2"	1/2"	1 1/2"	P
SK-3	SINK	KOHLER	CANTON 17" UNDERMOUNT SINK W/OVERFLOW	17" DIA. VITREOUS CHINA UNDER MOUNT SINGLE BOWL SINK W/CENTER DRAIN & OVERFLOW	KOHLER PURIST K-7505 SINGLE LEVER DECK MOUNTED FAUCET W/ 3 FUNCTION, PULL OUT SPRAYHEAD, MATTE BLACK FINISH 1/2" P TRAP W/CLEAN OUT & CHROME X/ TURN SUPPLIES	SINK STRAINER - KOHLER K-8801-CP	1/2"	1/2"	1 1/2"	P
SK-4	SINK	ELKAY	DUR191910	STAINLESS STEEL 18 GA UNDER MOUNT SINGLE BOWL SINK W/CENTER DRAIN	ELKAY LXD2437 GOOSENECK FAUCET WITH WRIST BLADE HANDLES AND STRAINER DRAIN W/TAILPIECE & 1-1/2" P TRAP W/CLEAN OUT & CHROME X/ TURN SUPPLIES	SINK STRAINER - KOHLER K-8801-CP	1/2"	1/2"	1 1/2"	P
MR-1	MOP RECEPTOR	FIAT	MS8-2424	24 x 24 x 10" HIGH FLOOR MOUNTED MOLDED STONE BASIN	FAUCET FIAT 825-AA WALL MOUNTED WITH VACUUM BREAKER, DRAIN TBS 8-0665-BSTP COME STRAINER AND LINT BASKET	MOP RACK ABOVE AND STAINLESS STEEL WALL PANELS BEHIND 2 SIDES	1/2"	1/2"	3"	P
SH-1	SHOWER	KOHLER	PURIST RITE-TEMP K-114801-4, K-8525, K-10257-A, K-976 & K-9814	GO CONSTRUCTED SHOWER BOX PC TO ROUGH IN AND INSTALL BRASS AS SCHEDULED	2.5 GPM SHOWER HEAD, ARM, FLANGE AND PRESSURE BALANCE, SHOWER VALVE, 3" SLIDE BAR W/HAND HELD SHOWER, FLEX HOSE & WALL OUTLET ALL IN MATTE BLACK. SHOWER DRAIN JR SMITH MODEL No 2005-802 W/ NB SQUARE TOP	SHOWER BASIN & WALLS BY J.R. SMITH SHOWER DRAIN JR SMITH 2005-LDCT TOP FINISH NICKEL BRONZE	1/2"	1/2"	2"	P
BT-1	BATH TUB	KOHLER	UNDERSCORE 6006 ACRYLIC TUB K-1121-0	KOHLER "PURIST" K-114801-4 BATH & SHOWER TRIM, CLEARFLO BRASS SLOTTED OVERFLOW BATH DRAIN K-7271-4L ALL IN MATTE BLACK	KOHLER "PURIST" K-114801-4 BATH & SHOWER TRIM, CLEARFLO BRASS SLOTTED OVERFLOW BATH DRAIN K-7271-4L ALL IN MATTE BLACK		1/2"	1/2"	1 1/2"	P
FD	FLOOR DRAIN	J.R. SMITH	2005	DUCO CAST IRON BODY WITH FLASHING COLLAR	ADJUSTABLE STRAINER WITH 8" ROUND NB GRATE	4" DEEP SEAL TRAP	1/2"	-	3"	P
FD-1	FLOOR DRAIN	J.R. SMITH	2131	DUCO CAST IRON BODY WITH FLASHING COLLAR	12" Ø MEDIUM DUTY DUCO CST IRON STRAINER	4" DEEP SEAL TRAP	1/2"	-	3"	P
FS-1	FLOOR SINK	JOSAM	3009	2" SQUARE SS SANI-CEPTOR W/1/2 GRATE AND SEDIMENT BUCKET	JNT COMPLETE W/SEAPAGE CONTROL HOLES,ANCHOR FLANGE AND FLASHING CLAMP	4" DEEP SEAL TRAP	-	-	4"	P
FFD-1	FUNNEL FLOOR DRAIN	J.R. SMITH	2131-3581	DUCO CAST IRON BODY WITH FLASHING COLLAR	12" Ø MEDIUM DUTY DUCO CST IRON STRAINER W/ # 3581 FUNNEL ASSEMBLY ATTACHED	4" DEEP SEAL TRAP	1/2"	-	3" OR 4" AS JUSTED	P
WHA-1	WATER HAMMER ARRESTER	J.R. SMITH	5030 "HYDROTRQL"	STAINLESS STEEL	MOUNTED VERTICALLY ON SUPPLY PIPE		-	-	-	-
NFHB-1	NON-FREEZE HOSE BIBB	J.R. SMITH	5609TQT	S.S. BOX TYPE WITH CONCEALED 3/4" HOSE CONNECTION	1/4 TURN NON-FREEZE HYDRANT, KEYLESS, POLISH BRONZE		3/4"	-	-	-
HB-1	HOSE BIBB	NBCO	73-CL	MULTI-TURN BOILER DRAIN VALVE W/HOSE THREAD OUTLET			3/4"	-	-	-
H&C W/HB	HOT & COLD WATER HOSE BIBB	T&S BRASS	MV-0771-12N-BV/T	WASHDOWN STATION W/ 3/4" MIXING VALVE, THERMOMETER TEE & HOSE HOLDER			3/4"	3/4"	-	-
TP-1	TRAP PRIMER	PRECISION PLUMBING PRODUCTS	P1-500	PRIME-RITE TRAP PRIMER VALVE	PROVIDE DISTRIBUTION HEAD DU-47 AS REQUIRED FOR MULTIPLE TRAPS		1/2"	-	-	-
RD	ROOF DRAIN	J.R. SMITH	1015ERC	DUCO CAST IRON BODY WITH ADJUSTABLE EXTENSION SLEEVE, FLASHING CLAMP, SUMP RECEIVER, GRAVEL STOP AND POLYETHYLENE DOME		REFER TO PLANS FOR SIZES				
ROD	ROOF OVERFLOW DRAIN	J.R. SMITH	1070ERC	DUCO CAST IRON BODY WITH ADJUSTABLE EXTENSION SLEEVE, FLASHING CLAMP, SUMP RECEIVER, GRAVEL STOP INTEGRAL STANDPIPE AND POLYETHYLENE DOME		REFER TO PLANS FOR SIZES				
PDD	PROMENADE DECK DRAIN	J.R. SMITH	DX1240	DUCO CAST IRON WIDE FLANGE BODY WITH SAFETY SET BUCKET & FLASHING CLAMP		REFER TO PLANS FOR SIZES				P
AD	AREA DRAIN	J.R. SMITH	2410	DUCO CAST IRON BODY WITH HINGED GALVANNEED CAST IRON GRATE, LOCKING DEVICE AND SEDIMENT BUCKET		REFER TO PLANS FOR SIZES				P
AD-1	AREA DRAIN	J.R. SMITH	2420			REFER TO PLANS FOR SIZES				P

PLUMBING FIXTURE SCHEDULE NOTES :

- 1- THE NAME AND MODEL NUMBER ARE USED TO ESTABLISH THE STANDARD OF QUALITY UNLESS OTHERWISE NOTED :
- a- FIXTURES ARE TO BE WHITE, VITREOUS CHINA.
- b- HAVE CHROME PLATED SUPPLIES.
- c- PROVIDE STOPS ON ALL FIXTURES.
- d- BE OF THE WATER SAVING VARIETY.
- e- SINKS TO HAVE BASKET STRAINERS.
- * WATER CONNECTION ON PRIMED TRAPS ONLY

PIPE INSULATION SCHEDULE					
SERVICE	MANUFACTURE	TYPE	VAPOR BARRIER	INSULATION THICKNESS	REMARKS
DOMESTIC COLD WATER	OWENS CORNING	FIBERGLASS	YES	1/2" : FOR RUNOUTS UP TO 1" 1" : FOR PIPES 1" TO 2" 1 1/2" : FOR PIPES OVER 2"	* RUNOUTS NOT TO EXCEED 12 FEET IN LENGTH
DOMESTIC HOT WATER	OWENS CORNING	FIBERGLASS	YES	1/2" : FOR RUNOUTS UP TO 1" 1" : FOR PIPES 1" TO 2" 1 1/2" : FOR PIPES OVER 2"	* RUNOUTS NOT TO EXCEED 12 FEET IN LENGTH
DOMESTIC HOT WATER RETURN	OWENS CORNING	FIBERGLASS	YES	1/2" : FOR ALL SIZES	
HORIZONTAL RAIN WATER	OWENS CORNING	FIBERGLASS	YES	1" : FOR ALL SIZES	

PIPE & FITTING SCHEDULE							
SYSTEM	PIPE SIZE	LOCATION	MATERIAL	SCHEDULE OR TYPE	FITTING	JOINT	REMARKS
SANITARY	ALL	BELOW GRADE/GROUND	CAST IRON	SERVICE WEIGHT	CAST IRON	BELL & SPIGOT	
		ABOVE GRADE/GROUND	CAST IRON	SERVICE WEIGHT	CAST IRON	NO HUB	
SANITARY VENT	ALL	ABOVE GRADE/GROUND	CAST IRON	SERVICE WEIGHT	CAST IRON	NO HUB	
RAIN WATER	ALL	BELOW GRADE/GROUND	CAST IRON	SERVICE WEIGHT	CAST IRON	BELL & SPIGOT	INSULATE ALL HORIZONTAL RAIN WATER CONDUCTORS IN CEILING ABOVE
		ABOVE GRADE/GROUND	CAST IRON	SERVICE WEIGHT	CAST IRON	NO HUB	
DOMESTIC COLD WATER	ALL	ABOVE GRADE/GROUND	COPPER	TYPE "L"	COPPER	SOLDERED	95% TIN & 5% ANTIMONY
DOMESTIC HOT WATER	ALL	ABOVE GRADE/GROUND	COPPER	TYPE "L"	COPPER	SOLDERED	95% TIN & 5% ANTIMONY
DOMESTIC HOT WATER RETURN	ALL	ABOVE GRADE/GROUND	COPPER	TYPE "L"	COPPER	SOLDERED	95% TIN & 5% ANTIMONY
NATURAL GAS	ALL	ABOVE GRADE/GROUND	BLACK STEEL	40	CAST IRON	LOW PRESSURE - SCREWED LESS THAN 2" HIGH PRESSURE - WELDED ALL SIZES	IN ACCORDANCE WITH NFPA 54

NOTE : ALL EXPOSED SANITARY PIPING BELOW PLUMBING FIXTURES SHALL BE CHROME PLATED BRASS.

PUMP SCHEDULE														
PUMP NO.	LOCATION	SERVICE	SIZE (IN.)		TYPE	GPM	HEAD FT. WATER	RPM	MOTOR HP	ELECTRICAL			MANUFACTURER & Model No.	REMARKS
			SUCTION	DISCHARGE						VOLTS	PHASE	HZ		
RCP-1	MECHANICAL ROOM 321	HOT WATER RECIRC. PUMP	2"	2"	INLINE	15	18	3200	2/5	115	1	60	"B&G" MODEL PL-1302"	BRONZE BODY
PIE-1	ELEV PIT	ELEV PIT		2"	SUBMERSIBLE	100	35'	3450	1-1/2	208	3	60	GRUNDFOS "PP1592L"	SINGLE FLOAT CONTROL

PUMP PIE1 SHALL HAVE BUILT-IN THERMAL PROTECTION, INTEGRAL SUCTION STRAINER AND INTEGRAL FLOAT SWITCH, WITH 3 PRONG PLUG CONNECTED TO AN EMERGENCY RECEPTACLE. PROVIDE A IN-HOUSE ALARM WITH HORN, THREE (3) LIGHTS, SILENCER SWITCH AND THREE (3) AUXILIARY CONTACT FOR REMOTE SIGNAL TO DDC OR BUILDING MANAGEMENT SYSTEM. MOUNT PANEL IN A LOCATION AS DIRECTED BY OWNER. TEST PUMP PERIODICALLY TO MAINTAIN OPTIMUM PERFORMANCE.

GAS-FIRED WATER HEATER SCHEDULE													
NO.	SERVICE	LOCATION	TYPE	STORAGE GALLONS	BTUH INPUT	RECOVERY GPH	WATER TEMP. ENT. °F	WATER TEMP. LGV. °F	DIM.	FLUE SIZE	INTAKE SIZE	REMARKS	BASIS OF DESIGN
WH 1	BUILDING	MECH. RM. 321	TANK	100	399,999	451	40	140	28.25"X66"	3"	3"	EACH HEATER SHALL BE COMPLETE W/IA CONCENTRIC VENT TERMINAL KIT	BRADFORD WHITE D-80L-399-39A(J)
WH 2													

NOTE: PROVIDE AN RVX00F MODEL A2128001 NEUTRALIZING CARTRIDGE PER WATER HEATER TO BE INSTALLED IN THE CONDENSATE DISCHARGE LINE FROM EACH HEATER.

GREASE INTERCEPTOR CALCULATION:

3 POT SINK 24" x 24" x 14"D = 8.054 CU. IN. x 3 COMPARTMENTS = 24.162 CU. IN.
24.162 CU. IN. x .75 (75 %/%) = 18.1215 CU. IN. / 231 = .078 GALLONS / 2 MINUETS = 40 GALLONS PER MINUTE

DISH TABLE SINK 20" x 20" x 14"D = 5.600 CU. IN. x 5 (75 %/%) = 28.000 CU. IN. / 231 = 12.1215 GALLONS / 2 MINUETS = 10 GALLONS PER MINUTE

GREASE INTERCEPTOR = J R SMITH 8075GTX RATED FLOW OF 75 GPM & 100# GREASE CAPACITY. PROVIDE VENTED FLOW CONTROL AND OUTLET SHUT-OFF VALVE.

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
2103 Sanson Street
Philadelphia, PA 19103
tel: (215) 523-9190

INTERIOR DESIGNER
BALONGUE DESIGN INC
707 Mansford 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) 345-1876
fax: (215) 345-1730

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

MEP ENGINEER:
WICK FISHER WHITE
111 S. Independence Mall East Suite 400
Philadelphia, PA 19106
tel: (215) 627-8200
fax: (215) 627-8240

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

STOKES.
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SEAL

	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 #:
FILENAME:
DRAWN:
CHECKED:
DATE:

140145.001
WFW
WFW
07/25/18

ISSUE FOR CONSTRUCTION
02-28-2019

SCHEDULES -
PLUMBING

DRAWING

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