

PLUMBING EQUIPMENT SCHEDULE										
ITEM NO.	DESCRIPTION	MFR	MODEL NO./SERIES	COLD WATER (IN)	HOT WATER (IN)	INDIRECT WASTE	DIRECT WASTE	VENT	STORM	NOTES
P-1	FLOOR DRAIN (8½" ROUND TOP)	JR SMITH	2110	½" TP	-	-	4"	2"	-	DEEP SEAL TRAP WITH TRAP PRIMER TAPPING
P-2	FUNNEL DRAIN	JR SMITH	3811	½" TP	-	-	3"	2"	-	DEEP SEAL TRAP WITH TRAP PRIMER TAPPING
P-3	HOSE BIBB - LOCKING TYPE	JR SMITH	5509QT	1/2"	-	-	-	-	-	RECESSED IN WALL - LOCKING TYPE-ANTI FREEZE TYPE
P-4	MOP SINK	AMERICAN STANDARD	FLORWELL 1141000020	¾"	¾"	-	3"	2"	-	PROVIDE WITH ALL MOUNTED FAUCET Z843M1
P-5	LAVATORY	KOHLER	ARCHER K-2355	½"	½"	-	1½"	1½"	-	PROVIDE WITH FAUCET SLOAN OPTIMA EBF-650
P-6	URINAL	AMERICAN STANDARD	WASHBROOK FLOUISE 6550001020	1"	-	-	2"	2"	-	WALL MOUNTED W/ FLUSHOMETER
P-7	WATER CLOSET (BACK OUTLET)	AMERICAN STANDARD	ARWALL MILLENNIUM 2251101020	1¼"	-	-	4"	2"	-	WALL MOUNTED W/ FLUSHOMETER
P-8	KITCHENETTE SINK	ELKAY	HD114559	¾"	¾"	-	2"	1½"	-	PROVIDE WITH FAUCET
P-9	CLASSROOM SINK	JUST MANUFACTURING	JH-ADA-6020-S-CP	¾"	¾"	-	2"	1½"	-	-
P-10	FIXTURE TEMPERING VALVES	WATTS	LFTMV	-	-	-	-	-	-	-
P-11	TRAP PRIMER (SINGLE)	MIFAB	MI-T8P	½"	-	-	-	-	-	CONTINUOUS FLOW
P-12	TRAP PRIMER (MULTI-PORT)	MIFAB	MI-DV	½"	-	-	-	-	-	-
P-13	DOUBLE DRINKING FOUNTAIN	ELKAY	LZ5TL0W59K	½"	-	-	2"	1½"	-	-
P-14	SINGLE DRINKING FOUNTAIN	ELKAY	LZ58W5VR5K	½"	-	-	2"	1½"	-	-

\* VERIFY ALL INFORMATION WITH ARCHITECT AND KITCHEN DESIGNER AND THEIR PLANS. ALL ACCESSORIES AND MOUNTING DEVICES BY ARCHITECT  
\*\* PROVIDE ALL NECESSARY FITTINGS, CARRIERS, TRIM, ACCESSORIES, ETC FOR A COMPLETE SYSTEM.  
\*\*\* PROVIDE MIXING VALVE FOR HOT AND COLD WATER.

NEW CONDENSING GAS HOT WATER HEATER TANK SCHEDULE																			
UNIT DES.	SERVICE	LOCATION	MANUFACTURER	TYPE	MODEL	INPUT (MBH)	CAPACITY (GAL.)	GPH @ 100°F	FIRST HOUR	EFFICIENCY	GAS CONNECTION (IN)	WATER CONNECTION (IN)	AIR INLET (IN)	VENT SIZE (IN)	PHYSICAL DIMENSIONS (DIA"xH")	WEIGHT (LBS)	ELECTRICAL (V/FH/Hz)	MODULATING BURNER TURNDOWN	WORKING PRESSURE (PSI)
HWH-1	BUILDING DOMESTIC HOT WATER	MECH RM	LOCHINVAR	CONDENSING	SUR200N	199	90	233	295	96	1/2"	1-1/2"	3"	3"	28"x16"	1416	120V/1PH/60HZ	5:1	150

\* SELECTIONS BASED ON 'LOCHINVAR' MANUFACTURER. CONTACT WALLACE EANNACE REPRESENTATIVE AT (516) 454-9300.

HOT WATER RE-CIRCULATION PUMP													
PUMP NO.	LOCATION	DUTY	MODEL	MFR	TYPE	MAX WATER TEMP. (°F)	MAX PRESSURE (PSI)	RPM	FLA	ELEC.CHAR (VOLTS-PHASE)	SIZE (L"xW"xH")	WEIGHT (LBS)	REMARKS
HWRP-1	BOILER RM	MECH RM	NBF-109/LW	BELL & GOSSET	IN-LINE	230°	150	2800	0.46	115V - 1 PH	5"x4-1/8"x5-1/32"	9	ALL BRONZE - LEAD FREE CONSTRUCTION - PROVIDE PUMP WITH VFD CONTROL

BACKFLOW PREVENTION DEVICE SCHEDULE									
DESIGNATION	SERVICES	LOCATION	INTAKE PRESSURE (PSI)	RELIEF RATE (GPM)	BACKFLOW SIZE	MODEL NUMBER	MANUFACTURER	OVERALL PHYSICAL DIMENSIONS (LxWxH)	REMARKS
BFP-DW-1	BUILDING DOMESTIC WATER SERVICE	GROUND FLOOR MECH RM	10 STATIC 50 RESIDUAL	200	3"	LF003NR5 LEAD FREE	WATTS	33.25"x10"x19-3/4"	LEAD FREE
BFP-FW-1	BUILDING FIRE WATER SERVICE	GROUND FLOOR MECH RM	10 STATIC 50 RESIDUAL	N/A	6"	TB1 DCDA	WATTS	44"x19"x35-1/2"	-

\* PENDING DEP APPROVAL

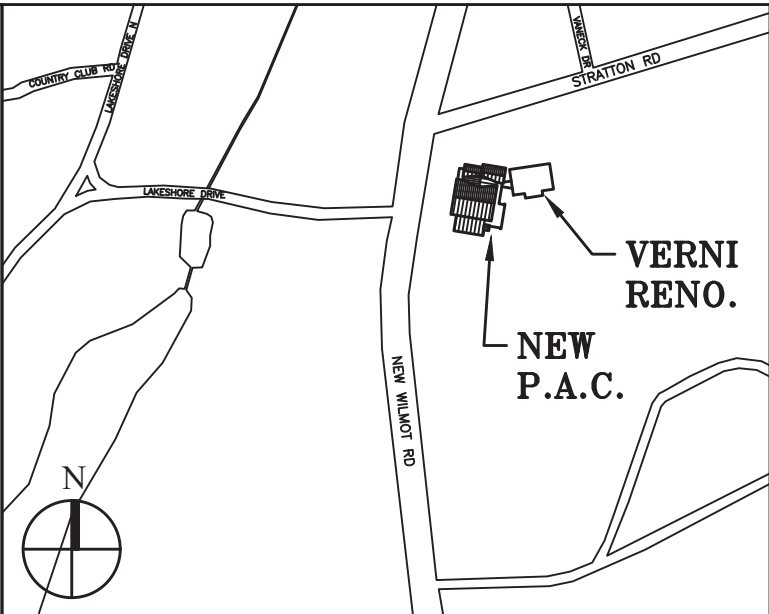
SUMP PUMP SCHEDULE															
DESIGNATION	DUTY	GPM	DISCHARGE HEAD (FEET)	MOTOR HP	ELECTRICAL CHAR (V-PH)	FLA (AMPS)	SPEED (RPM)	DISCHARGE SIZE (INCHES)	PUMP MODEL #	PUMP SYSTEM	MANUFACTURER	TYPE	EJECTOR PIT. (INCHES)	EJECTOR PIT DEPTH (INCHES)	REMARKS
SP-1	ELEVATOR PIT	50	19	1/2	115-1	12.2	3500	2"	E86100-EFDBM51	E861M-30-MD	EBARA	SIMPLEX	24x24	24	

1. PUMPS SHALL BE MADE OF STAINLESS STEEL CONSTRUCTION.  
2. PUMP SYSTEM SHALL BE PROVIDED WITH OIL SMART SENSOR.  
3. PUMPS MOTORS SHALL BE AIR FILLED, OIL FILLED MOTOR CHAMBERS NOT ACCEPTABLE.  
4. PUMPS SHALL HAVE DOUBLE MECHANICAL SEALS, SINGLE SPRING LOADED SEALS NOT ACCEPTABLE.  
5. PUMP SYSTEM SHALL BE CAPABLE OF 20 STARTS PER HOUR.  
6. MANUFACTURER'S REP - WALES DARS 631-505-6000

METER SCHEDULE								
DESIGNATION	SERVICE	CAPACITY	INLET SIZE	MANUFACTURER	MODEL *	MAX ALLOWABLE OPERATING PRESSURE	OPERATING TEMP RANGE	REMARKS
M-1	LAUNDRY/BOILER	3000 CFH	4"	DRESSER	ROOTS 3MT5 CTR	175 PSIG	-40°F TO +140°F	PROVIDE SMART METER

\*FINAL METER COORDINATION AND LOCATION TO BE APPROVED BY CON ED

PIPING VOLUME AND MAXIMUM PIPING LENGTHS			
NOMINAL PIPE SIZE (INCHES)	VOLUME (LIQUID OUNCES PER FOOT LENGTH)	MAXIMUM PIPING LENGTH (FEET)	
		PUBLIC LAVATORY FAUCETS	OTHER FIXTURES AND APPLIANCES
1/4"	0.33	6	50
5/16"	0.5	4	50
3/8"	0.75	3	50
1/2"	1.5	2	43
5/8"	2	1	32
3/4"	3	0.5	21
7/8"	4	0.5	16
1"	5	0.5	13
1-1/4"	8	0.5	8
1-1/2"	11	0.5	6
2" OR LARGER	18	0.5	4



Key Plan (not to scale)

7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE
No.	Date	Revision/Submission
<b>STRUCTURAL &amp; SITE CIVIL ENGINEER</b>		
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<b>MEP ENGINEER</b>		
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<b>ROOFING CONSULTANT</b>		
WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10595 914-948-3450		

Stamp

Project Title  
IONA PREPARATORY SCHOOL  
ADDITION AND ALTERATION TO THE  
PAUL VERNI FINE ARTS CENTER

Project Address  
IONA PREPARATORY SCHOOL  
255 Wilmot Road  
New Rochelle, NY 10804

Drawing Title  
PLUMBING SCHEDULES

Scale	Job No.	Date	Drawing No.
NTS	1618	04/03/2019	P-601

Drawn

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