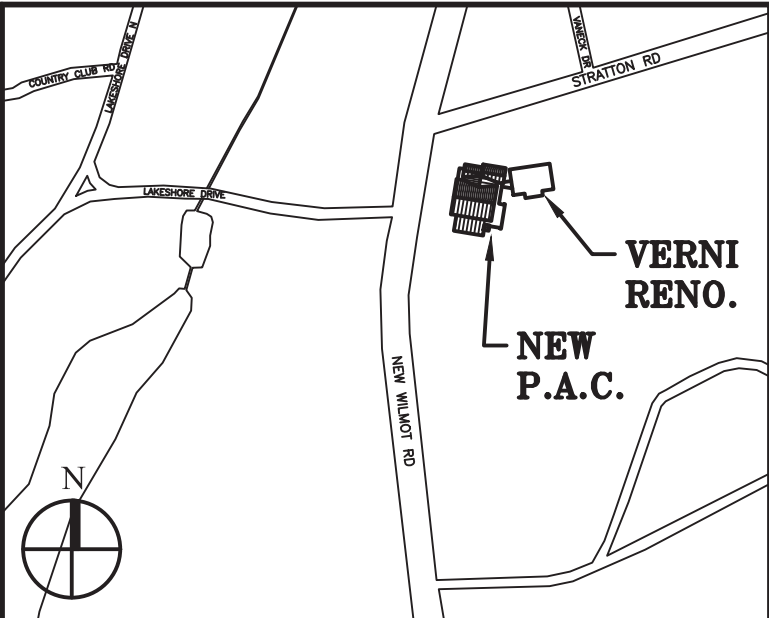


FAN SCHEDULE											
FAN DESIGN.	AREA SERVED	CFM	STATIC PRESSURE (INCHES)	ELEC.CHAR (V-PH-Hz)	MOTOR (HP)	FAN TYPE	RPM	MODEL #	MANUFACTURER	DIMENSIONS WxDxH OR DIA (IN)	REMARKS
TEF-1	WOMEN'S RESTROOM 133	250	0.5"	115-1-60	1/20	ROOF MOUNTED	1550	G-080-DG	GREENHECK	19.4x19.4x12.1	INTEGRATE INTO LIGHTING CONTROL FOR ROOM AND OPERATE ON 15 MIN TIME DELAY AFTER LIGHTS TURN OFF. PROVIDE VARIGREEN DIAL CONTROL.
TEF-2	MEN'S RESTROOM 133	250	0.5"	115-1-60	1/20	ROOF MOUNTED	1550	G-080-DG	GREENHECK	19.4x19.4x12.1	INTEGRATE INTO LIGHTING CONTROL FOR ROOM AND OPERATE ON 15 MIN TIME DELAY AFTER LIGHTS TURN OFF. PROVIDE VARIGREEN DIAL CONTROL.
GEF-1	SCENE SHOP 122/ ART STUDIO 222	500	0.4"	115-1-60	1/6	ROOF MOUNTED	1550	G-090-VG	GREENHECK	21.75x21.75x14.6	PROVIDE LOCAL SWITCH IN SCENE SHOP AND ART STUDIO. PROVIDE VARIGREEN DIAL CONTROL.
OAF-1	SCENE SHOP 122/ ART STUDIO 222	500	0.4"	115-1-60	1/6	IN-LINE	1550	SQ-95-VG	GREENHECK	15x16x15	INTERLOCK OAF-1 WITH GEF-1 SERVING SCENE SHOP AND ART STUDIO. PROVIDE VARIGREEN DIAL CONTROL.
SAF-1	LOBBY FOYER 103	1400	0.5"	115-1-60	1/3	ROOF MOUNTED	1480	CUE-121	GREENHECK	25x28x25	-
SAF-2	LOBBY FOYER 203	1400	0.5"	115-1-60	1/3	ROOF MOUNTED	1480	CUE-121	GREENHECK	25x28x25	-
RAF-1	FURN-1	1600	0.25"	115-1-60	-	IN-LINE	1325	C8P-A1B0	GREENHECK	35x15x15	INTERLOCK RAF WITH UNIT SUPPLY FAN. PROVIDE DIAL SPEED CONTROL.
RAF-2	FURN-2	1600	0.25"	115-1-60	-	IN-LINE	1325	C8P-A1B0	GREENHECK	35x15x15	INTERLOCK RAF WITH UNIT SUPPLY FAN. PROVIDE DIAL SPEED CONTROL.
RAF-3	FURN-3	2000	0.25"	115-1-60	-	IN-LINE	790	C8P-A2B0	GREENHECK	35x15x15	INTERLOCK RAF WITH UNIT SUPPLY FAN. PROVIDE DIAL SPEED CONTROL.

CEILING DIFFUSER SCHEDULE							
DESIGNATION	NOMINAL SIZE	MODEL	NECK SIZE	CFM RANGE	MAX. THROW	MAX. NC	REMARKS
CD-A	12x12	OMNI	8"	0-244	16	17	SQUARE CEILING DIFFUSER
CD-B	24x24	OMNI	8"	0-244	10	12	SQUARE CEILING DIFFUSER
CD-C	24x24	OMNI	10"	245-400	13	17	SQUARE CEILING DIFFUSER
CD-D	22.5"D	R-OMNI	10"	0-400	13	20	CIRCULAR CEILING DIFFUSER

SELECTIONS ARE BASED ON "TITUS" MANUFACTURER



Key Plan (not to scale)

FLOW BAR DIFFUSER SCHEDULE													*RETURN AIR BASED ON 500 FPM
DESIGNATION	TYPE	NOMINAL FLOWBAR OPENING (IN)	# OF SLOTS	CFM/FT	TOTAL LENGTH (FT)	ACTIVE LENGTH (FT)	TOTAL SUPPLY (CFM)	NC	MAX. THROW	MOUNTING	BORDER TYPE	MODEL	REMARKS
FBJ-1	SUPPLY / RETURN	1"	1	S: 70 R: 42	SEE PLAN	SEE PLAN	VARIABLES	20	20	WALL/CEILING	22	FL-10 JT	PROVIDE 1" LINED PLENUM BOX
FBJ-1B	SUPPLY / RETURN	15"	1	S: 120 R: 63	SEE PLAN	SEE PLAN	VARIABLES	22	26	WALL/CEILING	22	FL-15 JT	PROVIDE 1" LINED PLENUM BOX
FBJ-2	SUPPLY / RETURN	2"	1	S: 195 R: 84	SEE PLAN	SEE PLAN	VARIABLES	29	34	WALL	22	FL-20 JT	PROVIDE 1" LINED PLENUM BOX
FBH-1	SUPPLY / RETURN	1"	1	S: 55 R: N/A	SEE PLAN	SEE PLAN	VARIABLES	26	21	CEILING	22	FL-10 HT	PROVIDE 1" LINED PLENUM BOX
FBH-1B	SUPPLY / RETURN	15"	1	S: 60 R: N/A	SEE PLAN	SEE PLAN	VARIABLES	31	25	CEILING	22	FL-15 HT	PROVIDE 1" LINED PLENUM BOX
FBH-2	SUPPLY / RETURN	2"	1	S: 75 R: N/A	SEE PLAN	SEE PLAN	VARIABLES	33	27	CEILING	22	FL-20 HT	PROVIDE 1" LINED PLENUM BOX

SELECTIONS BASED ON "TITUS" MANUFACTURER
-PROVIDE SOUND ATTENUATION FOR ALL SUPPLY AND RETURN PLENUM BOXES
-DUCTWORK FABRICATOR TO VERIFY PLENUM SIZES WITH ALL CONSTRUCTION DETAILS. COORDINATE WITH G.C. FOR CUSTOM CUTS TO ACCOMMODATE FRAMING.
-PROVIDE BLANK OFFS FOR UNUSED SECTION OF FLOWBAR (ACCESSORY MODEL* FBB0 BLANK-OFF)
-PROVIDE INSULATED RETURN HOOD / LIGHT SHIELD FOR PLENUM RETURN SECTIONS OF FLOWBAR (ACCESSORY MODEL * FBRI INSULATED RETURN HOOD / LIGHT SHIELD)
-FOR PORTIONS OF HIGH-THROW FLOWBAR THAT ARE UTILIZED FOR RETURN CONTRACTOR RESPONSIBLE FOR FIELD CUTTING OUT Baffle AND INSTALL INSULATED RETURN HOOD/PLENUM.

ELECTRIC CABINET HEATER SCHEDULE							
DESIGNATION	LOCATION	HEATER TYPE	KW	ELEC.CHAR. (VOLTS-PH.)	SERIES	MODEL	MANUFACTURER
ECH-1	MECHANICAL ROOM	FAN FORCED WALL HEATER	3	208-1	AIUFA	AIUFA3008	STELPRO
ECH-2	STORAGE	FAN FORCED WALL HEATER	3	208-1	AIUFA	AIUFA3008	STELPRO
ECH-3	STORAGE	FAN FORCED WALL HEATER	3	208-1	AIUFA	AIUFA3008	STELPRO
ECH-4	STAIR I-B	FAN FORCED WALL HEATER	3	208-1	AIUFA	AIUFA3008	STELPRO
ECH-5	MECHANICAL ROOM	FAN FORCED WALL HEATER	3	208-1	AIUFA	AIUFA3008	STELPRO

*PROVIDE ADAPTOR KIT FOR SIDES OF HEATER WHEN NOT RECESSED IN WALL.
WHEN UNIT CAN BE RECESSED THEY SHOULD BE. COORDINATE EACH LOCATION WITH ARCHITECT.
*PROVIDE WALL MOUNTED DIGITAL THERMOSTAT

SINGLE DEFLECTION RETURN/EXHAUST REGISTER SCHEDULE					
DESIGNATION	CFM	SIZE	NC	MODEL	REMARKS
RR-A	0-2250	24x24	25	350RL	-
RR-B	0-810	24x12	13	350RL	-
RR-C	0-285	12x8	10	350RL	-
RR-D	0-3375	42x24	20	350RL	-

SELECTIONS ARE BASED ON "TITUS" MANUFACTURER.
REGISTERS HAVE 35° DEFLECTION WITH 3/4" BLADE SPACING.
FINAL COLOR SHALL BE APPROVED BY ARCHITECT.

SINGLE DEFLECTION SUPPLY REGISTERS					
DESIGNATION	CFM	SIZE	NC	THROW	MODEL
SR-A	0-285	12x8	15	24	301RL

SELECTIONS ARE BASED ON "TITUS" MANUFACTURER.
REGISTERS ARE: DOUBLE DEFLECTION WITH 3/4" BLADE SPACING,
STEEL MATERIAL, WELDED BORDER
FINAL COLOR SHALL BE APPROVED BY ARCHITECT.

ELECTRIC DUCT HEATER SCHEDULE											BASED ON 0 DEG EAT
DESIGNATION	LOCATION	CFM	DUCT SIZE	AIR VELOCITY (FPM)	DUCT HEATER CHARACTERISTICS					REMARKS	
					HEATER TYPE	KW	NO. OF HEATING STAGES	ELEC.CHAR. (VOLTS-PH.)	SIZE		MODEL
EDH-1	NORTH CORRIDOR 203	500	10x10	115	OPEN COIL	11	MODULATING	208-3PH	10x10	QUA	PROPORTIONAL MODULATING CONTROL

BASED ON "INDEECO" MANUFACTURER
- "K" CONTROLS OPTION WHICH INCLUDES AUTOMATIC RESET THERMAL CUTOUTS, SAFETY MAGNETIC CONTACTORS, FUSES, TRANSFORMER TO SUPPLY INTERNAL CONTROL CIRCUIT AND SAFETY DISCONNECT SWITCH.
- INCLUDE AIRFLOW INTERLOCK & DUCT MOUNTED THERMOSTAT
- INCLUDE OVERTEMPERATURE PROTECTION.

11.	6/23/2021	BID ADDENDUM 5
10.	6/18/2021	ISSUED FOR BUILDING PERMIT
9.	6/09/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
8.	6/09/2021	BID ADDENDUM 1
7.	6/01/2021	ISSUED FOR BID
6.	6/07/2021	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/Submittal
STRUCTURAL & SITE CIVIL ENGINEER		
DOMINICK R. PILLA ASSOCIATES, P.C. 143 MAIN STREET NYACK, NY 10960 845-727-7793		
MEP ENGINEER JMY CONSULTING ENGINEERING, P.C. 37 W. 59 STREET, STE 703 NEW YORK, NY 10019 212-662-9855		
ROOFING CONSULTANT WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10986 914-945-3450		
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
MECHANICAL SCHEDULES III

Scale	Job No.	Date	Drawing No.
NTS	20-2723	04/03/2019	M-603
Drawn			

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