EXHAUST FAN SCHEDULE												
QTY	MARK*	MODEL	SERVICE	OLD VOLUME (CFM)	NEW VOLUME (CFM)	TOTAL EXTERNAL SP (IN OF WG)	FAN RPM	SIZE (HP)	ELECTRICAL		NOTES	
1	EF-11	TRANE 24	TOILET ROOF EXHAUST	8,365	8,445	1-1/2	1,222	5	208V	3P 4W	1,2	
1	EF-12	TRANE 22	KITCHEN ROOF EXHAUST	6,000	6,000	2-1/2	1,466	5	208V	3P 4W	1	
1	EF-13	PENN DOMEX	PRINCIPAL'S TOILET ROOF EXHAUST	100	100	3/8	1,140	1/12	120V	1P	1	
1	EF-15	BROAN QTXE110	NEW BATHROOM EXHAUST		80	1/10			120V 0.	3A 1P	3	

*ALL OTHER EXHAUST FANS AND EQUIPMENT SHOWN FOR REFERENCE ONLY

NOTE 1: EXISTING ROOF MOUNTED FANS MAY REQUIRE REBALANCING AND/OR MAINTENANCE TO ENSURE DESIGN INTENT OF AIR FLOW

NOTE 2: REBALANCE EXHAUST FAN TO INCREASE FUNCTIONAL CFM BY 80 CFM TO ACCOUNT FOR NEW BATHROOM ON 1ST FLOOR.

NOTE 3: PROVIDE EXHAUST FAN MODEL: BROAN AR110LKVVTO NEW 4TH FLOOR BATHROOM AND VENT TO ADJACENT WALL WITH 6" ROUND DUCT THROUGH EXISTING WALL TO WALL CAP MODEL: BROAN-843BL.

		EXH	AUST GRILLE AN	ID DIFFUSER	SCHEDULE		
QTY	MARK	SERVICE	MODEL	SIZE	MATERIAL	FINISH	NOTES
1	EG-1	EXHAUST	TITUS 350ZL	24"x24"	STEEL	WHITE	1,2,3
1	SD-1	SUPPLY	TITUS TMS	24"×24"	STEEL	WHITE	1,2,3

NOTE 1: PROVIDE APPROPRIATE SIZED NECK TO CONNECT TO NEW OR EXISTING DUCT. SEAL AND MAKE CONNECTIONS AIR TIGHT.

NOTE 2: PROVIDE GRILLE OR DIFFUSER TO FIT IN A FULL 24x24 DROP IN CEILING GRID.

NOTE 3: PROVIDE DAMPERS AS NECESSARY TO PROVIDE AIR BALANCING.

				IN	ISULATION	N SCHEDU	LE							
		INICHI ATIONI, OLACCI ()				IACKETING OLACS (L)			THICKNESS (IN)					
TYPE	EQUIPMENT OR SYSTEM SERVED	INSULATION CLASS (a)			JACKETING CLASS (b)			NOMINAL PIPE SIZE (IN)				DUCTWORK		
	LACH MENT ON STSTEM SERVED	INTERIOR CONCEALED	INTERIOR EXPOSED	EXTERIOR	INTERIOR GENERAL	EQUIPMENT ROOMS	EXTERIOR	<1"	1"-<12"	1 ½"- <4	4 "- <8"	≥8" & UP	(c)	
A	RS, RL	FE	FE	FE	0	0	4	0.5	1.5	1.5	1.5	1.5		
В	DCW, COOLING COIL CONDENSATE	FE			0			0.5	0.5	1.0	1.0	1.0		
			FE			4		0.5	0.5	1.0	1.0	1.0		
		FG			1			1.5	1.5	2	2	2		
c	HWS, HWR		FG		1	1		1.5	1.5	2	2	2		
				UR			6	1.5	1.5	2	2	2		
		FG (d)			2								1.5(g)	
D	DUCTWORK		FG (e)		2	2							2 (f)(g)	
				UR(e)			3						2 (i)	
(a) FG — FIBROUS GLASS FE — FLEXIBLE ELASTOMERIC UR — URETHANE CS — CALCIUM SILICATE FR — FIRE RATED			(b) 0 NONE 1 ALL SERVICE 2 ALUMINUM FOIL 3 CANVAS 4 POLYVINYL CHLORIDE 5 STAINLESS STEEL 6 ALUMINUM 7 EPDM			(d)	(c) SUPPLY AIR OUTSIDE AIR MIXED AIR RETURN AIR (d) BLANKET (e) RIGID BOARD (f) EXCEPT SUPPLY AIR WITH (g) INSULATE EXHAUST AIR 1 PENETRATION (i) TWO LAYERS, 3 IN TOTAL			ST AIR 15'-0"				

ALL INSULATION TO COMPLY WITH 2015 NYS ENERGY CONSERVATION CONSTRUCTION CODE

	(UV-C) IN-DUCT LIGHTING SCHEDULE - ALTERNATE H1													
UVC CIRCUIT #	AIR HANDLING UNIT (AHU) #	LOCATION	AIR FLOW IN CUBIC FEET/ METER (CFM)	MAIN DUCT/ PLENUM WIDTH (INCHES)	MAIN DUCT/ PLENUM HEIGHT (INCHES)	SUGGESTED PRODUCT SKUS	QTY	APPLICATIONS	LOCATION OF CIRCUIT DISCONNECT SWITCH	NOTES				
UV-C-1-1	AHU-1-1	1ST FLOOR FAN ROOM	22,000	52	30	UV-DUCT-FL 2/95HP-NX	3	IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-1-2	AHU-1-2	1ST FLOOR LOFT	8,500	42	20	UV-DUCT-FL 2/95HP-NX	2	IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-2-1	AHU-2-1	1ST FLOOR FAN ROOM	28,000	68	34	UV-DUCT-FL 2/95HP-NX	3	IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-3-1	AHU-3-1	3RD FLOOR FAN ROOM	27,000	80	28	UV-DUCT-FL 2/95HP-NX	3	IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-4-1	AHU-4-1	PENTHOUSE	8,000	40	20	UV-DUCT-FL 2/95HP-NX UV-STYLO-X-60H-B	1 2	IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-4-2	AHU-4-2	PENTHOUSE	18,000	48	28	UV-DUCT-FL 2/95HP-NX	2	IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-4-3	AHU-4-3	PENTHOUSE	11,000	56	22	UV-DUCT-FL 2/95HP-NX	2	IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-4-4	AHU-4-4	PENTHOUSE	7,400	40	20	UV-DUCT-FL 2/95HP-NX UV-STYLO-X-60H-B	1 2	- IN-DUCT	AT LIGHTS	1,2,3,4,5,6,8,9				
UV-C-5	HV-5	GYM PENTHOUSE	14,000	30	38	UV-DUCT-FL 2/95HP-NX	2	IN-DUCT	48" AFF	1,2,3,4,5,6,7,9				

NOTE 1: PROVIDE UV-C LIGHTS AND ALL APPURTENANCES BY LIGHT PROGRESS USA BRAND OR APPROVED EQUAL. NOTE 2: PROVIDE UV-C LIGHTS AS SHOWN ON M-106 AND M-107 AND ALL APPURTENANCES AS PART OF ALTERNATE H1 ONLY.

NOTE 3: MECHANICAL CONTRACTOR TO PROVIDE AND COORDINATE CUTTING, PATCHING AND SEALING. PROVIDE POWER TO LIGHTS USING 2#12 -W1#12 GRD WIRING, 3/4"CONDUIT, DISCONNECTING SWITCH AND SUPPORTS.

NOTE 4: UV-C LIGHTING AND ALL APPURTENANCES MUST BE ACCESSIBLE WITHIN REASON TO ALLOW FOR CLEANING, MAINTENANCE, AND ACCESS FOR REPLACEMENT OF BULB(S).

NOTE 5: EACH UV-C LIGHTING CIRCUIT MUST INCLUDE AN INDIVIDUAL DISCONNECTING SWITCH WITH INDICATING LED WITHIN SIGHT OF THE UVC LIGHT(S) ON THE CIRCUIT.

NOTE 6: LABEL EACH UV-C LIGHT AND DISCONNECTING SWITCH WITH THE CORRESPONDING UVC CIRCUIT NUMBER, ELECTRICAL PANEL NAME, AND BREAKER NUMBER.

NOTE 7: MOUNT DISCONNECT SWITCH AT 48" AFF (U.O.N.) AND PROVIDE PLASTIC LOCKABLE ENCLOSURE.

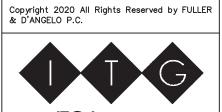
NOTE 8: MOUNT DISCONNECT SWITCH AT OR NEAR THE UV-C LIGHT INSTALLATION (U.O.N.).

NOTE 9: DISCONNECT SWITCH'S FACE PLATE MUST INDICATE ON AND OFF DIRECTIONS AND THE "ON" CONDITION SHALL ILLUMINATE THE LED INDICATOR.

FULLER D'ANGELO

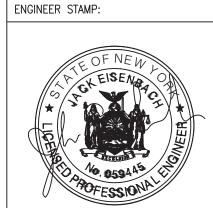
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SCHEDULES AND DETAILS

SHEET TITLE