ROOFTOP UNIT ELECTRIC HEAT SCHEDULE

				FAN DATA				COOLING MODE						HEATING MODE										
UNIT TAG	SUPPLY CFM	O/A CFM	E/A CFM	SUPPLY FAN HP	SUPPLY EXT. SP.	EXHAUST FAN HP	EXHAUST EXT. SP.	O/A EAT DB/WB	PRE TREAT O/A DB/WB	R/A DB/WB	LAT DB/WB	TOTAL WHEEL CAPACITY (BTUH)	TOTAL CAPACITY (BTUH)	SENS. CAPACITY (BTUH)	O/A EAT DB/WB	PRE TREAT O/A DB/WB	R/A DB/WB	LAT DB/WB	TOTAL WHEEL CAPACITY (BTUH)	AMBIENT TEMP (F)	VOLTS/PH/HZ	ELEC HEAT (KW)	OUTDOOR UNIT MCA/ MOCP	MAKE/ MODEL	WEIGHT (LBS)	NOTES
RTU-1	3,000	3,000	2,000	3.0	3.0	2.0	1.5	98/80	82.6/69.8	75.0/62.5	55/54	126,400	60,000	42,000	27.0/22.7	53.6/40.6	70/50	55/54	99,000	105	460/3/60	30	54.9/60	CARRIER 62X	2,870	ALL
RTU-2	3,245	3,245	2,000	3.0	3.0	2.0	1.5	98/80	82.6/69.8	75.0/62.5	55/54	126,400	60,000	42,000	27.0/22.7	53.6/40.6	70/50	55/54	99,000	105	460/3/60	30	54.9/60	CARRIER 62X	2,870	ALL

NOTES:
1. PROVIDE CONDENSATE DRAIN, TRAP AND RUN TO THE NEAREST DRAIN OUTLET AS INDICATED ON DRAWINGS.
2. PROVIDE MERV 8 -2" DEEP FILTER WITH THE UNIT.
3. UNIT EER MUST COMPLY WITH IECC-2015 REQUIREMENTS.
4. PROVIDE 2-STAGE CONTROLS FOR ELECTRIC HEATER.
5. PROVIDE UNIT WITH RAWAL MODULATING VALVE.
6. INSTALL AUXILIARY DRAIN PAN UNDER UNIT WITH WATER SENSING DEVICE TO SHUT UNIT DOWN WHEN WATER IS SENSED IN THE PAN PER CODE REQUIREMENTS.
7. PROVIDE EC FAN MOTOR.
8. PROVIDE UNIT WITH GFCI OUTLET.
9. PROVIDE UNIT WITH ECONOMIZER AS REQUIRED BY IECC 2015.
10. PROVIDE AT LEAST 3 STAGES OF COOLING.
11. PROVIDE UNIT WITH BAROMETRIC RELIEF DAMPER.
12. PROVIDE WITH BACNET CONTROLS.
13. PROVIDE WITH HUSHCORE ACOUSTIC ROOF CURB OR SIMILAR.

AIR DEVICE SCHEDULE

CONTRACTOR WILL COORDINATE WITH ARCHITECT/OWNER FOR ALL FINAL LOCATIONS, CEILING TYPE, COLOR, ETC.

TYPE	MAKE/ MODEL NUMBER	SIZE	DESCRIPTION	NOTES
A	PRICE SPD	24X24	CEILING MOUNTED, PLAQUE DIFFUSER WITH MOLDED INSULATED BACKPAN, PAINTED BLACK. ALUMINUM CONSTRUCTION WITH WHITE FINISH.	1
B	PRICE 10A	24X24	CEILING MOUNTED, PERFORATED FACE ALUMINUM CONSTRUCTION WITH WHITE FINISH AND OBD PAINTED BLACK.	1
C	PRICE SDG-AL	REFER TO PLAN	DUCT MOUNTED, DOUBLE DEFLECTION. WHITE ALUMINUM CONSTRUCTION WITH OBD	2
D	PRICE 510	REFER TO PLAN	SIDEWALL MOUNTED SUPPLY GRILLE WHITE STEEL CONSTRUCTION WITH OBD	1
E	PRICE 510Z	REFER TO PLAN	SIDEWALL MOUNTED RETURN GRILLE, 0° DEFLECTION, 3/4" SPACING WHITE STEEL CONSTRUCTION	-

NOTES:
1. PROVIDE REMOTE DAMPER OPERATOR IN AREAS WITH INACCESSIBLE CEILINGS.
2. MOUNT GRILLE AT 45 DEGREE ANGLE TO THE GROUND.

SINGLE DUCT VAV BOX SCHEDULE

LEVEL 1

UNIT TAG	CFM	INLET SIZE	VOLTS/PH/HZ	MAKE/ MODEL	NOTES
VAV-1-2	225	5	120/1/60	TITUS DESV	1
VAV-1-3	225	5	120/1/60	TITUS DESV	1
VAV-1-4	335	6	120/1/60	TITUS DESV	1
VAV-1-5	335	6	120/1/60	TITUS DESV	1
VAV-1-6	335	6	120/1/60	TITUS DESV	1
VAV-1-7	335	6	120/1/60	TITUS DESV	1
VAV-1-8	100	4	120/1/60	TITUS DESV	1
VAV-1-9	255	5	120/1/60	TITUS DESV	1
VAV-1-10	35	4	120/1/60	TITUS DESV	1

NOTES:
1. PROVIDE WITH BACNET CAPABLE CONTROLS.

FAN SCHEDULE

UNIT TAG	CFM	EXT. SP. (IN. WC)	FAN RPM	DRIVE TYPE	FAN TYPE	FAN HP	VOLTS/PH/HZ	FAN LOCATION	FAN SERVING	MAKE/ MODEL	NOTES
EF-1	1,390	1.0	1,474	DIRECT DRIVE	ROOF	0.5	120/1/60	ROOF	RESTROOM	GREENHECK G-133	ALL

ROOF NOTES:
1. PROVIDE MOTORIZED DAMPER FOR UNIT WITH 300+ CFM.
2. PROVIDE BACK-DRAFT DAMPER ON UNITS WITH LESS THAN 300 CFM. MOTORIZED DAMPER SHALL CLOSE WHEN ASSOCIATED FAN IS DE-ENERGIZED.
3. PROVIDE UNIT WITH ROOF CURB AND BIRD SCREEN.

SINGLE DUCT VAV BOX SCHEDULE

LEVEL 1

UNIT TAG	CFM	INLET SIZE	VOLTS/PH/HZ	MAKE/ MODEL	NOTES
VAV-2-1	330	6	120/1/60	TITUS DESV	1
VAV-2-2	305	6	120/1/60	TITUS DESV	1
VAV-2-3	335	6	120/1/60	TITUS DESV	1
VAV-2-4	335	6	120/1/60	TITUS DESV	1
VAV-2-5	335	6	120/1/60	TITUS DESV	1
VAV-2-6	335	6	120/1/60	TITUS DESV	1
VAV-2-7	335	6	120/1/60	TITUS DESV	1
VAV-2-8	300	6	120/1/60	TITUS DESV	1
VAV-2-9	50	4	120/1/60	TITUS DESV	1
VAV-2-10	255	5	120/1/60	TITUS DESV	1
VAV-2-11	300	6	120/1/60	TITUS DESV	1
VAV-2-12	30	4	120/1/60	TITUS DESV	1

NOTES:
1. PROVIDE WITH BACNET CAPABLE CONTROLS.

NECK SCHEDULE

CONTRACTOR SHALL USE THESE NECK SIZES U.N.O.

CFM RANGE	ROUND NECK SIZE	SQUARE NECK SIZE
0-120	6"Ø	6 x 6
125-220	8"Ø	8 x 8
225-330	10"Ø	10 x 10
335-450	12"Ø	12 x 12
455-550	14"Ø	14 x 14

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ADD #3
TRCI 08.29.19

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ISSUES AND REVISIONS

NO	DATE	DESCRIPTION
A	07-22-2019	ISSUE FOR PERMIT
B	08-16-2019	ISSUE FOR BID
1	08-27-2019	ISSUE FOR ADDENDUM #3

DAVIA ANN GERNAND
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PROFESSIONAL ENGINEER
STATE OF TEXAS
27 AUG 2019

GH SCHOOL
4724 N MAIN STREET

SHEET TITLE
UNIT SCHEDULE

SHEET NUMBER
M101

PROJECT # 19.02

Architect shall own the overall conceptual design prepared and developed for the project on the intangible exclusive rights or copyright therein.

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