

Order Plans @

SPLIT SYSTEM AIR CONDITIONING SCHEDULE																																	
UNIT LABEL	AREA SERVED	MFG	NOM. TONS	MODEL	COOLING CAPACITY		COOLING DESIGN		INDOOR UNIT												OUTDOOR UNIT							SEER (EER)	NOTE(S)				
					TC (MBH)	SC (MBH)	ENT. AIR D.B. (°F)	ENT. AIR W.B. (°F)	FAN						HEATER			MCA	MOCP	WEIGHT (LBS)	CONDENSER FAN(S)			COMPRESSOR(S)									
									TA (CFM)	OA CFM (MAX)	OA CFM (MIN)	E.S.P. (IN)	HP	FLA	V/Ø	INPUT (MBH)	OUTPUT (MBH)				MECH EFF (%)	QTY	V/Ø	FLA (EA)	QTY	V/Ø	RA (EA)			LRA (EA)	MCA	MOCP	WEIGHT (LBS)
AHU-1/ CU-1	44 - 911 CENTER	TRANE	2.5	TUE1A066A906/4TTB3050	30.0	22.5	76.5	64.7	1000	175	-	0.5	1/3	-	115/1	60	48	80%	9.0	15	150	1	208/1	0.74	1	208/1	11.5	64	19	30	175	13	1, 2, 6
AHU-2/ CU-2	45 - OPERATIONS CENTER	TRANE	5	TUE1C1000A906/4TTB3060	60.0	45.0	78.3	64.5	2000	325	-	0.5	1/2	-	115/1	100	80	80%	13.4	15	175	1	208/1	0.93	1	208/1	25.1	120	35	60	250	13	1 - 3
AHU-3/ CU-3	06 - LOBBY	TRANE	6	TWE073E/TTA073H	74.0	58.9	78.0	57.0	2400	325	-	0.6	1.5	5.3	208/3	-	-	-	6.6	15	350	1	208/1	3.1	2	208/3	9.0	71	24	30	300	(11.2)	1 - 2, 8 - 11
AHU-4/ CU-4	01 - FIRE CHIEF OFFICE	TRANE	6	TWE073E/TTA073H	74.0	58.9	76.5	63.4	2400	175	-	0.6	1.5	5.3	208/3	-	-	-	6.6	15	350	1	208/1	3.1	2	208/3	9.0	71	24	30	300	(11.2)	1 - 2, 8 - 11
AHU-5/ CU-5	38 - STATION CHIEF	TRANE	3	TUE1B066A906/4TTB3050	36.0	27.0	78.3	64.6	1200	200	-	0.5	1/3	-	115/1	60	48	80%	9.0	15	150	1	208/1	0.74	1	208/1	15.3	70	20	35	175	13	1, 2, 6
AHU-6/ CU-6	20 - CORRIDOR	TRANE	1.5	TUE1A040A924/4TTB3018	18.0	13.5	78.3	64.6	600	100	-	0.5	1/5	-	115/1	40	32	80%	5.4	15	125	1	208/1	0.9	1	208/1	9.0	48	12	20	150	13	1, 2, 7
AHU-7/ CU-7	24 - TRAINING	TRANE	15	TWE180E/TTA180H	186.0	146.6	79.0	65.0	5400	1075	400	0.8	3	9.4	208/3	-	-	-	11.8	20	675	2	208/1	5	2	208/3	25.0	194	67	90	350	(11.0)	1 - 2, 8 - 11
AHU-8/ CU-8	26 - FIRE LIVING	TRANE	4	TUE1B066A906/4TTB3050	48.0	36.0	77.5	64.1	1800	200	-	0.5	1/3	-	115/1	80	64	80%	9.8	15	150	1	208/1	1.2	1	208/1	21.8	117	29	30	175	13	1, 2, 6
AHU-9/ CU-9	30 - BUNK	TRANE	2	TUE1A040A924/4TTB3018	24.0	18.0	79.3	65.2	700	150	-	0.5	1/5	-	115/1	40	32	80%	5.4	15	125	1	208/1	0.9	1	208/1	13.5	69	12	20	150	13	1, 2, 7

NOTES:
 1. PROVIDE WITH 410A REFRIGERANT.
 2. PROVIDE A WALL MOUNTED, 7 DAY PROGRAMMABLE ELECTRONIC THERMOSTAT.
 3. PROVIDE WITH COOLING COIL EQUAL TO TRANE MODEL NUMBER 4CXC0301.
 4. PROVIDE WITH COOLING COIL EQUAL TO TRANE MODEL NUMBER 4CXC0302.
 5. PROVIDE WITH COOLING COIL EQUAL TO TRANE MODEL NUMBER 4CXC0303.
 6. PROVIDE WITH COOLING COIL EQUAL TO TRANE MODEL NUMBER 4CXC0304.
 7. PROVIDE WITH COOLING COIL EQUAL TO TRANE MODEL NUMBER 4CXC0305.
 8. PROVIDE SMOKE DETECTOR IN SUPPLY DUCTWORK TO SHUT THE UNIT DOWN UNDER ALARM CONDITIONS AS REQUIRED BY LOCAL STATE CODES.
 9. SMOKE DETECTORS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR AND CONNECTED TO THE FIRE ALARM SYSTEM BY THE ELECTRICAL CONTRACTOR.
 10. PROVIDE WITH ECONOMIZER AND 3 SPEED FAN MOTOR.
 11. PROVIDE WITH CO2 SENSOR TO MODULATE OUTSIDE AIR.

GRILLE/DIFFUSER SCHEDULE						
MARK	CFM	NECK SIZE	TYPE	MFG	MODEL	NOTES
A	0-100 101-200 201-400 401-600 601-800	6" 8" 10" 12" 14"	CEILING MOUNTED SQUARE SUPPLY DIFFUSER	TITUS	TMS-AA	1 - 5
B	0-125 126-250 251-400 401-600 601-900 901-1350 1351-2000	6X6 8X8 10X10 12X12 15X15 18X18 22X22	EGGCRATE RETURN AIR GRILLE	TITUS	50F	1, 2, 4, 5
OAL, EL	---	---	BLAST RESISTANT OUTSIDE AIR INTAKE OR EXHAUST LOUVER	RUSKIN	BL50DD	4, 6, 7

NOTES:
 1. PROVIDE WITH OPPOSED BLADE BACKDRAFT DAMPER.
 2. PROVIDE 24X24 FULLY LOUVERED FACE LAYIN MODULE WHERE LOCATED IN LAYIN CEILING.
 3. PROVIDE SQUARE TO ROUND NECK TRANSITION WHERE APPLICABLE.
 4. COORDINATE BORDER TYPES WITH ARCHITECTURAL FLOOR PLAN AND REFLECTED CEILING PLAN.
 5. COORDINATE FINISH WITH ARCHITECT.
 6. LOUVER SHALL BE WIND-DRIVEN RAIN RESISTANT AND PASS MILITARY MISSILE IMPACT TEST (IAS 203).
 7. PROVIDE WITH LOW LEAKAGE DAMPER WITH MAXIMUM LEAKAGE OF 3.0% @ 1 IN. W.G.P.

EXHAUST FAN SCHEDULE												
UNIT LABEL	AREA SERVED	MANUFACTURER	MODEL	LOCATION	DRIVE	CFM	S.P. (IN WG)	MOTOR				NOTE(S)
								W	HP	RPM	V/Ø	
EF-1	RESTROOMS	GREENHECK	SP-A200	CEILING	DIRECT	200	0.25	43	-	900	120/1	1 - 3
EF-2	RESTROOMS	GREENHECK	G-075D	ROOF	DIRECT	300	0.25	-	125	1550	120/1	1, 3, 4, 5
EF-3	UNISEX	GREENHECK	SP-A110	CEILING	DIRECT	75	0.25	14	-	950	120/1	1 - 3
EF-4	UNISEX	GREENHECK	SP-A110	CEILING	DIRECT	75	0.25	14	-	950	120/1	1 - 3
EF-5	APPARATUS BAY	GREENHECK	SP-A110	CEILING	DIRECT	75	0.25	14	-	950	120/1	1 - 3
EF-6	APPARATUS BAY	GREENHECK	SBCE-3H30	SIDEWALL	BELT	5600	0.25	-	3/4	1725	208/3	1 - 3
EF-7	APPARATUS BAY	GREENHECK	SBCE-3H30	SIDEWALL	BELT	5600	0.25	-	3/4	1725	208/3	1 - 3
EF-8	JANITOR	GREENHECK	SP-A110	CEILING	DIRECT	75	0.25	14	-	950	120/1	1 - 3
EF-9	RESTROOMS	GREENHECK	SP-A200	CEILING	DIRECT	200	0.25	43	-	900	120/1	1 - 3
EF-10	LAUNDRY	GREENHECK	G-075D	ROOF	DIRECT	250	0.25	-	125	1550	120/1	1, 3, 4, 5
EF-11	STORAGE	GREENHECK	G-075D	ROOF	DIRECT	250	0.25	-	125	1550	120/1	1, 3, 4, 5
EF-12	FIRE EQUIPMENT	GREENHECK	G-075D	ROOF	DIRECT	250	0.25	-	125	1550	120/1	1, 3, 4, 5
EF-13	COMPRESS AIR	GREENHECK	G-075D	ROOF	DIRECT	250	0.25	-	125	1550	120/1	1, 3, 4, 5
EF-14	JANITOR	GREENHECK	SP-A110	CEILING	DIRECT	75	0.25	14	-	950	120/1	1 - 3

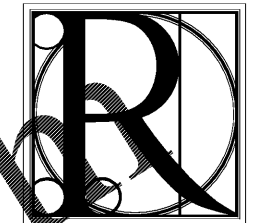
NOTES:
 1. PROVIDE WITH FAN SPEED CONTROLLER, BACKDRAFT DAMPER, AND DISCONNECT SWITCH.
 2. FAN SHALL BE CONTROLLED VIA LIGHT SWITCH WITH 10 MIN TIME DELAY.
 3. FAN SOUND RATING SHALL BE 5 SONES OR LESS.
 4. PROVIDE WITH ROOF CURB.
 5. FAN SHALL RUN CONTINUOUSLY DURING HOURS OF OPERATION.

DUCT HEATER SCHEDULE											
UNIT LABEL	AREA SERVED	MANUFACTURER	MODEL	LOCATION	FUEL SOURCE	HEATING		FLUE SIZE (IN.)	WEIGHT (LBS)	NOTE(S)	
						INPUT (MBH)	OUTPUT (MBH)				
DH-3	AHU-3	REZNOR	X-75	DUCT	NAT. GAS	75	60	80%	5	150	1 - 3
DH-4	AHU-4	REZNOR	X-75	DUCT	NAT. GAS	75	60	80%	5	150	1 - 3
DH-7	AHU-7	REZNOR	X-200	DUCT	NAT. GAS	200	160	80%	8	225	1 - 3

NOTES:
 1. PROVIDE WITH WIRED CONNECTION FOR THERMOSTAT OPERATION.
 2. CONNECT TO ASSOCIATED AIR HANDLING UNIT.
 3. FIELD REMOVE FINGER SAFETIES FOR PROPER AIRFLOWS.

UNIT HEATER SCHEDULE							
UNIT LABEL	AREA SERVED	MANUFACTURER	MODEL	LOCATION	FUEL SOURCE	HEATING	NOTE(S)
UH-1 THRU UH-6	APPARATUS BAY	REZNOR	UDAS-75	CEILING	GAS	75 (MBH)	1 - 2
UH-7	REIR ROOM	REZNOR	EMC	WALL	ELECTRIC	4 (KW)	1 - 2

NOTES:
 1. PROVIDE WITH DISCONNECT.
 2. PROVIDE WITH THERMOSTAT SET TO MAINTAIN SPACE TEMPERATURE OF 50°F (ADJUSTABLE).



DESIGN WORKS

FANNIN COUNTY:
 722 Black Dog Trail
 P.O. Box 639
 Blue Ridge, GA 30513
 Phone 706.374.4304

COBB COUNTY:
 1480 Shiloh Road NW
 Suite #300
 Kennesaw, GA 30144
 Phone 770.790.3655
 Fax 770.790.3650



5064 Roswell Road, Suite D-301
 Sandy Springs, GA 30342 770.319.7400
 Project 16047 ©2016

H.V.A.C. SCHEDULES

FANNIN CO. PUBLIC SAFETY COMPLEX
 BLUE RIDGE, GA 30513

TITLE:	PROJECT:
ISSUE:	REVISIONS:



DRAWN BY/ CHECKED BY:	DATE:
MSC/RGV	04.19.2017

PROJECT NO.	SHEET NO.:
1517	M-2.2