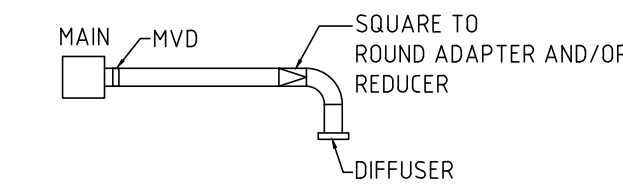


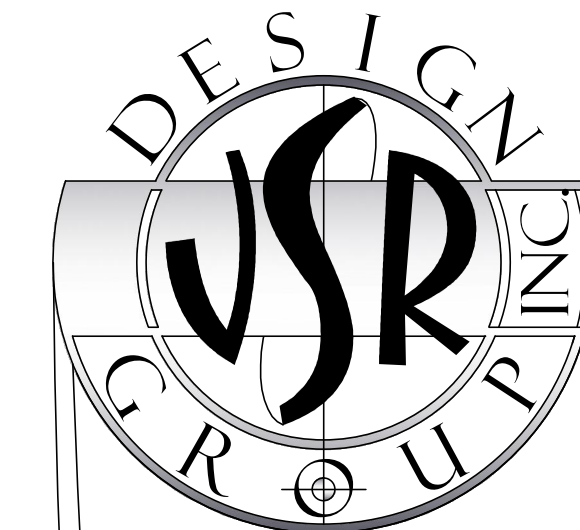
AIR CONDITIONING SYSTEM SCHEDULE			
UNIT NO.	AHU-1/CU-1	AHU-2/CU-2	
LOCATION	CEILING	CEILING	
MANUFACTURER	TRANE	TRANE	
TYPE	SPLIT	SPLIT	
NOMINAL TONNAGE	2.5	3.5	
TOTAL BTU	28,100	39,920	
SENSIBLE BTU	21,780	29,760	
E.A.T. DB/WB, °F	77.7/64.6	77.8/65.1	
L.A.T. DB/WB, °F	55.0/53.8	55.5/54.2	
SEER	15.5	15.0	
OUTDOOR CFM	95	150	
INDOOR UNIT DATA	MODEL NO.	GAMSA0A30	GAMSA0A42
	CFM	1000	1400
	COIL FACE VEL (FT/MIN)	-	-
	E.S.P., IN/	0.6	0.6
	V/PH/HZ	240/1/60	240/1/60
	HP	0.33	3/4
	ELEC. HEATER, kW/STAGES	4.8/1	4.8/1
	MCA	29	30
	MDCP	30	30
	# ROW COIL	-	-
DIMENSIONS, IN (HxWxD)	51.5 X 21.3 X 21.75	56.9 X 23.5 X 21.75	
WEIGHT, lbs.	132	153	
OUTDOOR UNIT DATA	MODEL NO.	4TTR4030	4TTR4042
	V/PH/HZ	240/1/60	240/1/60
	MCA	15	26
	MDCP	25	45
	DIMENSIONS, IN (HxWxD)	34 X 35 X 38	42 X 35 X 38
	WEIGHT, lbs.	156	235
REFRIGERANT LINE SIZE SUCTION & LIQUID	3/4 & 3/8	1/8 & 3/8	
REMARKS:	1) VERIFY ALL A/C ELECTRICAL REQUIREMENTS WITH MANUFACTURERS SPEC. PRIOR TO INSTALLATION. 2) PROVIDE R-410A REFRIGERANT 3) PROVIDE 7 DAY DIGITAL PROGRAMMABLE T-STAT WITH NIGHT SET-BACK 4) REFRIGERANT LINE SIZE BASED ON 0-200 FT. TOTAL EQUIVALENT LENGTH. PROVIDE LONG LINE ACCESSORIES WHERE REQUIRED. SEE MANUFACTURERS SPECIFICATIONS 5) PROVIDE CORROSION PROTECTION ADVANCOAT - SURFISIL R-10 FOR ALL HVAC/R EQUIPMENT COMPONENTS INCLUDING CONDENSER COILS, EVAPORATOR COILS, DRAIN PANS, COMPRESSOR CASINGS, FANS, CABINETS (INSIDE AND OUTSIDE), PIPING, AND STRUCTURAL COMPONENTS. 6) PROVIDE MINIMUM MERV 8 FILTERS 7) TOTAL STATIC PRESSURE SHALL INCLUDE INTERNAL RESISTANCE, ESP AND FILTER LOSS OF 0.5 IN. W.C. FOR DIRTY FILTER CONDITIONS 8) ALL AHU FAN SHALL BE SET UP AS REQUIRED TO MEET SCHEDULED 9) STAINLESS STEEL PRIMARY DRAIN PAN WITH FACTORY CONDENSATE OVERFLOW SWITCH FOR AHU 10) PROVIDE ALL AHUS WITH FOIL-FACED INSULATION OR CLOSED-CELL ELASTOMERIC INSULATION		

FAN DATA			
FAN #	EF-1	EF-2	
MANUFACTURER	GREENHECK SP-B80	GREENHECK SP-80-VG	
CFM	50	50	
CFM MAX / MIN.	-	-	
E.S.P. IN. WG.	0.3	0.5	
MOTOR - RPM	900	935	
- DRIVE OR BELT	DIRECT	DIRECT	
- ELECTRIC V/φ/HZ	115-1-60 17.8 WATTS	115-1-60 6.1 WATTS	
OPERATING WEIGHT	10 LBS	12 LBS	
ACCESS - ROOF CURB TYPE	-	-	
- NOA	-	-	
- BACKDRAFT DAMPER	X	X	
- DISCONNECT SWITCH	X	X	
- SPEED CONTROL	X	X	
NOTES	x SERVICES BATHROOM x CONNECT TO LIGHT x 4" φ SHEET MTL DUCT	x SERVICES MOP SINK CLOSET x CONNECT TO SWITCH x 4" φ SHEET MTL DUCT	
REMARKS	1) VERIFY ALL A/C ELECTRICAL REQUIREMENTS WITH MANUFACTURERS SPEC. PRIOR TO INSTALLATION. 2) PROVIDE SPEED CONTROL 4) PROVIDE BACKDRAFT DAMPER		

AIR DEVICE SCHEDULE										
UNIT TAG	MFGR & MODEL	CFM RANGE	FACE SIZE /MODULE	NECK	FRAME	DAMPER TYPE	THROW	ACCESS.	REMARKS	
A	TITUS CT-581	50-200	3" WIDTH CONTIGUES PLENUM	SEE FLOOR PLAN	SURFACE MTD.	-	7-11-22		15° DEFLECTION	
B	TITUS TMS-AA	0-199	24x24 / 24x24	8" φ	LAY-IN	-	2-3-7		2, 3 OR 4 WAY	
C	TITUS TMS-AA	0-50	12x12/12x12	4" φ	SURFACE MTD.	-	1-2-4		1 WAY	
D	TITUS TMS-AA	55-125	12x12/12x12	6" φ	SURFACE MTD.	-	2-3-6		1 WAY	
E	TITUS 300FL	70-150	8x6/10x8	-	SURFACE MTD.	-	2-3-6		-	
RA	TITUS 350FL	-	24x24 / 24x24	22x22	SURFACE MTD.	-	-		-	
RA1	TITUS-CT-580	-	REFER TO DRAWINGS FOR SIZE	-	SURFACE MTD.	-	-		CONTIGUES PLENUM 0° DEFLECTION	
RA2	TITUS 350FL	-	8x6/10x8	-	SURFACE MTD.	-	-		-	
AIR TERMINAL NOTES: 1) BRANCH DUCTS AND RUNOUTS ARE SIZED AS NOTED ON PLANS. USE A REDUCER TO CONNECT TO THE DIFFUSER NECK AS REQUIRED. 2) ALL AIR DEVICES INSTALLED IN INACCESSIBLY AND/OR DRYWALL CEILING SHALL BE PROVIDED WITH MANUAL OPPOSED BLADE DAMPERS. 3) ALL AIR DEVICES INSTALLED IN LAY-IN CEILING SHALL HAVE MANUAL VOLUME DAMPER INSTALLED IN THE BRANCH TAKE-OFF. 4) MAXIMUM PRESSURE DROP FOR ALL AIR DEVICES SHALL NOT EXCEED 0.10 IN. W.C. 5) ALL AIR DEVICES SHALL BE WHITE UNLESS OTHERWISE NOTICED. COORDINATE WITH ARCHITECT. 6) MAXIMUM NC FOR ALL DEVICES SHALL NOT EXCEED 25. 7) ALL AIR DEVICES SHALL BE ALUMINUM CONSTRUCTION UNLESS OTHERWISE NOTED. 8) THROW VALUES ARE GIVEN FOR TERMINALS VELOCITIES OF 150, 100 & 50 FPM RESPECTIVELY. 9) COORDINATE BORDER TYPE FOR LINEAR GRILLES WITH OWNER/ARCHITECT 10) UNLESS INDICATED OTHERWISE, LAY-IN TYPE REGISTERS & DIFFUSERS INSTALLED IN GYPSUM BOARD CEILINGS SHALL BE PROVIDED WITH RAPID MOUNT FRAME, MODEL TITUS TRM OR EQUAL.										



OUTDOOR AIR CALCULATION						
MARK	SPACE TYPE	SQFT	OCCUPANCY DENSITY PER 1000 SQFT	VENTILATION RATE CFM/PERSON	VENTILATION RATE CFM/SQFT	MINIMUM OUTDOOR AIR REQUIRED
AHU-1	BREAK ROOM	273	8	5	0.06	56.4
	OFFICE 1	225	2	5	0.06	23.5
	OFFICE 2	160	1	5	0.06	14.6
	RESTROOMS	91	0	0	0.00	0.0
AHU-2	OFFICE 3	93	1	5	0.06	10.6
	OFFICE 4	128	1	5	0.06	12.7
	OPEN OFFICE	819	15	5	0.06	124.1
	TOTALS	0	0	0	0.00	0.0
A. OCCUPANT DENSITIES AND VENTILATION RATES BASED ON TABLE 403.3 OF THE 2014 FLORIDA MECHANICAL CODE. ACTUAL OCCUPANCY BASED ON INFORMATION PROVIDED BY OWNER AND/OR ARCHITECT. B. ALL DUCTWORK SHALL BE KEPT SEALED TO PREVENT CONTAMINATION BY DUST OR OTHER DEBRIS DURING CONSTRUCTION. SEAL THE END OF DUCTWORK WITH PLASTIC SHEETING AND DUCT TAPE. PROTECT ALL DUCTWORK STORED ON-SITE PRIOR TO FABRICATION AND INSTALLATION IN A SIMILAR FASHION. C. ALL EQUIPMENT SHALL BE SUPPLIED AND INSTALLED WITH PROVISIONS FOR IN-PLACE CLEANING AND MAINTENANCE TASKS IN ACCORDANCE WITH THE REQUIREMENTS OF ASHRAE STANDARD 62. D. CHANGE IN SPACE USE, CONTAMINANTS, OR OPERATION MAY REQUIRE A RE-EVALUATION OF THE DESIGN AND IMPLEMENTATION OF NEEDED CHANGES.						



LEVEL 2 ALTERATION
 TENANT BUILD-OUT FOR:
SF PROCESSING
 1315 N. FEDERAL HWY. 2ND.FLOOR
 BOYNTON BEACH, FL. 33435

JOHN SHERMAN REED
 ARCHITECT
 FL LICENSE# AR9571

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 970 SW 11TH STREET
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- Contractor to verify all written dimensions (Not scaled) & notify architect of any discrepancies or omissions. Construction shall not proceed until said discrepancies or omissions have been resolved by architect.
- Contractor to verify and approve all shop drawings and dimensions before having drawings reviewed and accepted by the architect prior to construction.

16014
MO.2

CHECK SET: 02/22/16



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PROGRESS OR CHECK SETS, BY THEIR NATURE, MAY BE INCOMPLETE AND ARE NOT TO BE USED FOR BIDDING OR CONSTRUCTION. CONTRACTOR RECOGNIZES HIS SOLE RESPONSIBILITY TO INCLUDE ALL CONTINGENCIES FOR DESIGN AND INSTALLATION TO MEET THE PROJECT REQUIREMENTS IN ANY PRICING EXERCISE.

PRIOR TO SUBMITTING THE BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND SHALL INCLUDE IN THE BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED. NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION. NOT FOR BID UNTIL PERMIT HAS BEEN ISSUED.