

## ADDENDUM NO. 03

**SUWANNEE PRIMARY SCHOOL ADDITIONS & REMODELING**  
for the  
**SCHOOL BOARD OF SUWANNEE COUNTY**  
A/E# 2012.51B

DATE: March 14, 2014  
TO: All Interested Contractors  
FROM: Architects RZK, Inc.

### **3.0 DRAWING M-3.1**

This drawing has been revised to include or clarify the required HVAC controls for the new units.

Please enter the appropriate addendum number on the proposal form to be submitted.

**ARCHITECTS RZK, INC.**



John C. Zwick, Architect, **LEED AP**

attachments:

- DrawingM-3.1

PACKAGED AIR CONDITIONER (AIR COOLED)																					
PLAN MARK	SERVING	SELECTION BASED ON		REFRIGERANT TYPE	MINIMUM EFFICIENCY (EER)	FAN DATA				COOLING COIL DATA				HEAT KW / STEPS	AMBIENT TEMP °F DB	UNIT ELECTRIC DATA				REMARKS	
		MANUFACTURER	MODEL			CFM		E.S.P.	H.P.	CAPACITY MBH	EAT °F		LAT °F			VOLT	PH	MCA	MOCP		
						S.A.	O.A.				DB	WB	DB								WB
AHU-1	127E COMPUTER LAB	YORK	J06ZFE18A4AA4S	R-410A	11.2	1,800	320	0.5	1.5	71.6	79.1	66.7	52.5	50.9	183	95	480	3	30.8	35	
AHU-2	127D CLASSROOM 1	YORK	J05ZFE10N4AA2	R-410A	13.0	1,250	320	0.5	1.5	54.1	81.1	68.2	52.9	51.7	103	95	480	3	18.4	20	
AHU-3	121 CLASSROOM 2	YORK	J05ZFE15N4AA2	R-410A	13.0	1,520	310	0.5	1.5	54.7	79.3	66.8	53.6	52.7	153	95	480	3	23.7	25	

REMARKS:  
 1. Provide with manufacturer's roof curb min. 14" high.  
 2. Provide unit with birdscreen, backdraft damper, motor starter and disconnect.  
 3. Provide with condensate outlet.  
 4. Mechanical Contractor to provide connection between owner's existing Building Automation control system and new packaged rooftop equipment controller. Mechanical Contractor shall confirm the existing controller has enough capacity for the new control points and provide additional controllers as necessary to completely control new packaged rooftop equipment. Manufacturer shall provide control inputs and outputs which can be read by the existing control system installed. New controllers shall match existing controllers in the system. Mechanical Contractor shall update control graphics to illustrate new equipment added.

VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE						
PLAN MARK	DESIGN CFM	MINIMUM CFM	HEATING KW	UNIT SIZE	NC RATING	MAX. APD (IN WG)
VU-1	1,120	450	5	10	18	0.25

NOTES:  
 1. BASIS OF DESIGN: TRANE VCEF.  
 2. IN ROOMS WITH WE STATE.  
 3. MECHANICAL CONTRACTOR SHALL CONNECT INTO EXISTING BUILDING AUTOMATION SYSTEM CONTROLLER. COORDINATE SYSTEM TYPE AND CAPACITY PROVIDE ADDITIONAL CONTROL POINTS AS NECESSARY. MECHANICAL CONTRACTOR SHALL UPDATE CONTROL GRAPHICS TO ILLUSTRATE NEW EQUIPMENT ADDED.

AIR TERMINAL SCHEDULE				
MARK	MANUFACTURER	MODEL	NECK SIZE	FACE SIZE
A	TITUS	TMS	8ø	24x24
D	TITUS	45F	22x22	24x24
E	TITUS	350FL	6x4	8x6
F	TITUS	350FL	24x10	26x12

DX SPLIT SYSTEM SCHEDULE																								
PLAN MARK	SELECTION BASED ON			REFRIGERANT TYPE	FAN DATA		COOLING COIL DATA				AHU ELECTRICAL DATA						C U ELECTRICAL DATA					REMARKS		
	MANUFACTURER	AHU MODEL	CU MODEL		TOTAL CFM	EXT. ΔP IN H2O	MBH	EAT °F		LAT °F		NO. OF FANS	WATTS	VOLTAGE	PHASE	FLA	MCA	MOCP	VOLTAGE	PHASE	FLA		MCA	MOCP
								DB	WB	DB	WB													
SS-01 / CU-01	DAIKIN	PLA-A24BA	PJY-A24NH43	640	0.1	24	75	63.2	53.0	52.1	1	50	208	1	0.51	1	25	208	1	0.75	18	25		
SS-02 / CU-02	DAIKIN	PLA-A24BA	PJY-A24NH43	640	0.1	24	75	63.4	53.0	52.1	1	50	208	1	0.51	1	25	208	1	0.75	18	25		

REMARKS:  
 1. SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATION.  
 2. PROVIDE WITH MANUFACTURER'S STANDARD OPTIONS REQUIRED TO MOUNT CONDENSING UNIT AT GRADE.  
 3. MECHANICAL CONTRACTOR SHALL CONNECT INTO EXISTING BUILDING AUTOMATION SYSTEM CONTROLLER. COORDINATE SYSTEM TYPE AND CAPACITY PROVIDE ADDITIONAL CONTROL POINTS AS NECESSARY. MECHANICAL CONTRACTOR SHALL UPDATE CONTROL GRAPHICS TO ILLUSTRATE NEW EQUIPMENT ADDED.

EXHAUST FAN SCHEDULE												
MARK	MANUFACTURER	MODEL	AREA SERVED	EXHAUST AIRFLOW	FAN TYPE	DRIVE TYPE	VOLTAGE	PHASE	RLA	WATTS	ESP	COMMENTS
EF-01	BBQAN	XB80	JOHNET 105A	50 CFM	SINGLE SPEED	DIRECT	115 V	1	0.1 A	5.80 W	0.20 in-wg	PROVIDE WITH MANUFACTURER'S ROOFCAP

NOTES:  
 1. MECHANICAL CONTRACTOR SHALL CONNECT INTO EXISTING BUILDING AUTOMATION SYSTEM CONTROLLER. COORDINATE SYSTEM TYPE AND CAPACITY PROVIDE ADDITIONAL CONTROL POINTS AS NECESSARY. MECHANICAL CONTRACTOR SHALL UPDATE CONTROL GRAPHICS TO ILLUSTRATE NEW EQUIPMENT ADDED.

REVISIONS AND UPDATES		
03/13/14	1	ADDENDUM 3
02/14/14		CONSTRUCTION DOCUMENTS FOR BID/PERMIT

SUWANNEE COUNTY SCHOOL BOARD  
 SUWANNEE PRIMARY SCHOOL  
 ADDITIONS AND REMODELING  
 1625 WALKER AVE., SW LIVE OAK, FLORIDA

**MECHANICAL SCHEDULES**

drawn **TM** checked **JM** approved **JM**

job no. 2012.51

**M-3.1**

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Seal