

PROJECT: SUNY PURCHASE COLLEGE -PHYSICAL EDUCATION										PANEL VOLTAGE:				120/208V				AIC RATING:		10K		
PANEL: A(N)										PHASE & WIRE:				1PH, 3W				MOUNTING:		SURFACE		
LOCATION: ELECTRICAL CLOSET										BUSMAIN (AMPS):				100A MLO				NEMA TYPE:		1		
CKT NO.	QCD	A	P	DESCRIPTION	MISC	HHW	HWAC	REC	LTO	1 PH SEQUENCE			MISC	HHW	HWAC	REC	LTO	QCD	CKT NO.			
1	20	1	1	REG - RM 2012,2013,2012A,2013A				0.4	0.6	1.7									20	1	2	
3	20	1	1	REG - EWC6F1 2017							1.4								20	1	4	
5	20	1	1	JBOX - HAND DRYER RM 2013	1.0						2.0								20	1	6	
7	20	1	1	JBOX - HAND DRYER RM 2012	1.0						2.0								20	1	8	
9				BUSSED SPACE						0.0											10	
11				BUSSED SPACE						0.0											12	
CONNECTED LOAD (KVA)					2.0	0.0	0.0	0.4	0.6	3.7	3.4	3.0	0.0	0.0	1.1	0.0						
25% OF LARGEST MOTOR (KVA)																						
TOTAL CONNECTED LOAD (KVA)					5.0	0.0	0.0	1.5	0.6													
DEMAND FACTOR					1.0	1.25	1.0	X	1.25													
TOTAL DEMAND LOAD (KVA)					5.0	0.0	0.0	1.5	0.8													
X= 1ST 10KVA @ 100% + REMAINDER @ 50% (N.E.C. 220-44)																						
										TOTAL DEMAND (KVA)				7								
										LINE CURRENT (AMPS)				35								
										HWH - HOT WATER HEATER												

PROJECT: SUNY PURCHASE COLLEGE -PHYSICAL EDUCATION										PANEL VOLTAGE:				120/208V				AIC RATING:		10K		
PANEL: PANEL BY LOCKERS/CLASS RM. (E)										PHASE & WIRE:				3PH, 4W				MOUNTING:		SURFACE		
LOCATION BASEMENT ELECTRICAL ROOM										BUSMAIN (AMPS):				100A MLO				NEMA TYPE:		1		
CKT NO.	QCD	A	P	DESCRIPTION	MISC	HHW	HWAC	REC	LTO	3 PH SEQUENCE			MISC	HHW	HWAC	REC	LTO	QCD	CKT NO.			
1	20	1	1	EXISTING LOAD	0.6					1.4									20	1	2	
3	20	1	1	EXISTING LOAD	0.6						1.6								60	3	4	
5	20	1	1	EXISTING LOAD	0.6							1.6	1.0						/	/	6	
7	20	1	1	EXISTING LOAD	0.6								1.0						/	/	8	
9	20	1	1	EXISTING LOAD							0.8						0.8		20	1	10	
11	60	2	2	PANEL A(N)	1.7	0.0	0.0	0.5	0.2			3.0	0.6						30	3	12	
13	/	/	/	/	1.7	0.0	0.0	0.5	0.2	3.0			0.6						/	/	14	
15	20	2	2	EXISTING LOAD							0.8						1.4	0.6	/	/	16	
17	/	/	/	/								0.8					1.4				18	
19	20	1	1	EXISTING LOAD								0.8					1.4				20	
21	30	2	2	EXISTING LOAD									1.5						/	/	22	
23	/	/	/	/	0.9													1.7			24	
CONNECTED LOAD (KVA)					7.5	0.0	0.0	4.2	0.4	7.4	6.1	7.7	4.8	0.0	1.8	2.4	0.0					
25% OF LARGEST MOTOR (KVA)																						
TOTAL CONNECTED LOAD (KVA)					12.3	0.0	1.8	6.6	0.4													
DEMAND FACTOR					1.0	1.25	1.0	X	1.25													
TOTAL DEMAND LOAD (KVA)					12.3	0.0	1.8	6.6	0.5													
X= 1ST 10KVA @ 100% + REMAINDER @ 50% (N.E.C. 220-44)																						
										TOTAL DEMAND (KVA)				21								
										LINE CURRENT (AMPS)				59								
										HWH - HOT WATER HEATER												
1 SPARE CIRCUIT MADE AVAILABLE AFTER DEMOLITION										2 PROVIDE NEW CIRCUIT BREAKER												

RESTROOM RENOVATION PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 Anderson Hill Rd.
Purchase, NY 10577

PHASE 2: MUSIC BUILDING DANCE BUILDING PHYS. ED. BUILDING LIBRARY

Conditions
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY, AND THE PROPERTY OF RONNETTE RILEY ARCHITECT AND WERE CREATED, DEVELOPED, AND DESIGNED FOR THE USE OF, AND IN CONNECTION WITH THE SPECIFIC PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF RONNETTE RILEY ARCHITECT.
© Copyright Ronnette Riley Architect 2020

Ronnette Riley Architect

494 Eighth Avenue, 15th Floor
New York, NY 10001
T 212 594 4015
F 212 594 2868
www.ronnetteniley.com

MEP Engineer
SETTY & Associates, Ltd
149 W 36th Street, 8th floor
New York, NY 10018
T 646 253 9000
F 646 224 8497

Rev	Date	Issue
05	May 2022	Issue for Bid

Title
ELECTRICAL SCHEDULES

Date	01-16-2020
Project No.	1944
Drawing By	CHK By
Scale	AS NOTED
	DOB/REV
E-603.00	

KEY PANELS	
PANEL 'A' (N)	PANEL BY LOCKERS/ CLASS RM. (E)

SHEET KEY NOTES	
1.	RELOCATED EXISTING LOAD AND CIRCUIT BREAKER FROM CIRCUIT #11 TO CIRCUIT #9.

GENERAL NOTES	
1.	TURN ALL SPARE CIRCUIT BREAKERS TO 'OFF' POSITION AT COMPLETION OF WORK.
2.	AT COMPLETION OF PROJECT, PROVIDE TYPE WRITTEN SCHEDULES FOR ALL PANEL BOARDS UTILIZED DURING THE CONSTRUCTION PROCESS INDICATING AS-BUILT CONDITIONS.
3.	PROVIDE RED COLOR LOCKABLE TYPE BREAKERS FOR CIRCUITS SERVING LIFE SAFETY PANEL BOARDS.
4.	ALL UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRACH CIRCUIT ARE TO BE GROUPED BY WIRE TIES OR SIMILAR MEANS AT LEAST ONE LOCATION EITHER WITHIN THE PANEL BOARD OR AT THE OTHER POINT OF ORIGINATION.
5.	ALL REUSED CIRCUIT NUMBERS INDICATED ON PLAN ARE BASED ON EXISTING DOCUMENTS AND MAY NOT MATCH THE ACTUAL AS-BUILT CONDITION OF THE EXISTING CIRCUITS SERVING THE AREA. CONTRACTOR TO VERIFY THE EXACT CIRCUIT NUMBERS DURING CONSTRUCTION.
6.	ALL NEW CIRCUIT BREAKERS WHERE PROVIDED MUST BE COMPATIBLE WITH THE EXISTING PANEL BOARD AND SHALL MATCH THE EXISTING UL LISTING, MANUFACTURER MAKE AND AIC RATING.
7.	PROVIDE ARC FLASH WARNING LABELS FOR ALL NEW PANEL BOARDS.