PANE	L:	нв	NY PURCHASE COLLEGE -MU: S (E)	oic ino	IKUC	HONA	LIAC	PHASE	& WIR	E:			80/277 PH, 4\				AIC RATING: MOUNTING:	sı	14k JRF/	ACE
LOCA	TION	MUS	SIC ELEC. ROOM					BUS/M	AIN (A	MPS):		10	OA MO	CB			NEMA TYPE:		1	
CKT	OCD)	17	LOAD (KVA)					3 PH SEQUENCE			LOAD (KVA)					1 - 10.000000	OCD		СКТ
NO.	Α	P	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	P	NO.
1	20	1	EXISTING LOAD					1.2	3.4			2.2	Tai		11.77		ERH RM. B5, B6 (E)	20	1	2
3	20	1	EXISTING LOAD					1.2		3.4		2.2					ERH RM. B33, B37 (E)	20	1	4
5	20	1	EXISTING LOAD					1.2			3.4	2.2		ÌΞĬ			ERH RM. B71, B82 (E)	20	1	6
7	20	1	LTG-RM, B7, B8, B9 (E)					1.2	3.4							2.2	LTG-RM. B68 (E)	20	1	8
9	20	1	LTG-RM. B5, B6 (E)			- 1	1 31	1.2		3.4						2.2	LTG-RM. B69 (E)	20	1	10
11	20	1	LTG-VEST B1A (E)					1.2			3.4					2.2	LTG-RM. B88 (E)	20	1	12
13	20	1	LTG-RM. B93, 94, 95, 96, 97, 98 (E)		-			1.2	3.4							2.2	LTG-RM. B89 (E)	20	1	14
15	20	1	LTG-RM. B90, 91, 92, 99, 100, 101 (E)				1.31	2.2		4.4					1	2.2	LTG-RM. B70, B71 (E)	20	1	16
17	20	1	LTG-RM. B72, 73, 74, 75, 76, 77 (E)				- 1	2.2			4.4					2.2	LTG-RM. B111, B114 (E)	20	1	18
19	20	1	LTG-RM. B102, 103, 104, 105 (E)					2.2	4.4							2.2	LTG-RM. B115, 116, 117, 118 (E)	20	1	20
21	20	1	EXISTING LOAD	2.2						4.4		2.2					EXISTING LOAD	20	1	22
23	20	1	EXISTING LOAD	2.2							4.4	2.2					EXISTING LOAD	20	1	24
25	20	1	EXISTING LOAD	2.2	7.71				4.4			2.2					EXISTING LOAD	20	1	26
CONNE	CTED	LOA	O (KVA)	6.6	0.0	0.0	0.0	15.0	19.0	15.6	15.6	13.2	0.0	0.0	0.0	15.4				
25% OF	LARC	GEST	MOTOR (KVA)																	
						- 1														
TOTAL CONNECTED LOAD (KVA)			19.8	0.0	0.0	0.0	30.4													
DEMAND FACTOR			1.0	1.25	1.0	Х	1.25									TOTAL DEMAND (KVA)	58			
TOTAL DEMAND LOAD (KVA) 19.8 0.0			0.0	0.0	38.0									LINE CURRENT (AMPS)	70	i i				

J	NY PURCHASE COLLEGE -MUSI	C INS	TRUC	TIONA	L FAC	PANEL	VOLT	AGE:		1:	20/208	3V			AIC RATING:		101	<	
PANEL: LBS SEC.II (E)							& WIR	RE:		3	PH, 41	W			MOUNTING:		SURFACE		
LOCATION MUSIC ELEC. ROOM BI								MPS):		100A MLO					NEMA TYPE:		1		
			LOAD (KVA)					3 PH SEQUENCE			LOAD (KVA)					OCI	OCD		
0	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	A	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	Р	NO.	
I	EXISTING LOAD	0.3					0.7			0.4		1111			EXISTING LOAD	20	1	38	
l	EXISTING LOAD	0,3			1			0.7		0.4					EXISTING LOAD	20	1	40	
L	EXISTING LOAD	0.4							0.8	0.4					EXISTING LOAD	20	1	42	
l	EXISTING LOAD				0.5		0.9			0.4					EXISTING LOAD	20	1	44	
ı	EXISTING LOAD				0.5			0.9						0.4	EXISTING LOAD	20	1	46	
I	EXISTING LOAD				0.4				0.8					0.4	EXISTING LOAD	20	1	48	
1	EXISTING LOAD	0.4					0.8			0.4					EXISTING LOAD	20	1	50	
I	EXISTING LOAD	0.4						0.8		0.4					EXISTING LOAD	20	1	52	
l	EXISTING LOAD	0.4							0.8	0.4				100	EXISTING LOAD	20	1	5	
ı	EXISTING LOAD	0.4					0.8			0.4					EXISTING LOAD	20	1	50	
ı	EXISTING LOAD	0.4						0.4							BUSSED SPACE			58	
ı	EXISTING LOAD	0.4							0.8				0.4		EXISTING LOAD	20	1	60	
1	EXISTING LOAD	0.4					1.4			1.0					JBOX - HAND DRYER 0004A(N) 2	20	1	62	
l	EXISTING LOAD				0.3			0.7					0.4	(1/2)	EXISTING LOAD	30	1	64	
ı	LTG-0004A,0004,0004B(N) 2					1.2			2.2	1.0				Œζ	JBOX - HAND DRYER 0004(N) 2	20	1	66	
ı	REC - RM. 0004B,0004,0004A & 0002D(N)				1.1		1.1								MAIN	100	3	68	
ı	REC - EWC/GFI(N)				0.4			0.4							F	1	1	70	
Ĺ	JBOX - HAND DRYER 0004A(N)	1.0							1.0		-		-		£ -	1	1	72	
A	AD (KVA)	4.8	0.0	0.0	3.2	1.2	5.7	3.9	6.4	5.2	0.0	0.0	0.8	0.8					
1	T MOTOR (KVA)				21														
OTAL CONNECTED LOAD (KVA)			0.0	0.0	4.0	2.0													
EMAND FACTOR			1.25	1.0	Х	1.25									TOTAL DEMAND (KVA)	16			
L	LOAD (KVA)	10.0	0.0	0.0	4.0	2.5									LINE CURRENT (AMPS)	46			
3.	LOAD (KVA) 100%, + REMAINDER @ 50% (N.E.C. 220-44) RCUIT MADE AVAILABLE AFTER DEMOLITIO	1	0.0	0.0	4.0	2.5				2	PROVII	DE NEW	CIRCUI	T BREA	HWH - HOT WATER HEATER		46	46	

LOCATION MUSIC ELEC. CONTROL ROOM - 0049					BUS/MAIN (AMPS):								DOA MI	LO			NEMA TYPE:		1		
CKT	OCD	-		LOAD (KVA) 3						3 PH SEQUENCE			LOAD (KVA)					OCE)	СКТ	
NO.	Α	P	DESCRIPTION	MISC	HWH	HVAC	REC	LTG	Α	В	С	MISC	HWH	HVAC	REC	LTG	DESCRIPTION	Α	P	NO.	
1	20	1	EXISTING LOAD	0.6					1.1			0.5					EXISTING LOAD	20	1	2	
3	20	1	EXISTING LOAD	0.5						1.1		0.6					EXISTING LOAD	20	1	4	
5	20	1	EXISTING LOAD	0.6				1 3			1.1	0.5					EXISTING LOAD	20	1	6	
7	20	1	REC-FILM (E)	1			0.5		0.8			0.3					EXISTING LOAD	20	1	8	
9	20	1	EXISTING LOAD	0.6						1.0						0.4	EXISTING LOAD	20	1	10	
11	20	1	REC-FILM (E)				0.6				1.1					0.5	EXISTING LOAD	20	1	1	
13	20	1	EXISTING LOAD	0.4			141		0.8			0.4					EXISTING LOAD	20	1	1	
15	20	1	EXISTING LOAD	0.4						0.8		0.4					EXISTING LOAD	20	1	1	
17	20	1	EXISTING LOAD	0.4							0.8	0.4					EXISTING LOAD	20	1	1	
19	20	1	EXISTING LOAD	0.4					0.9			0.5					EXISTING LOAD	20	1	2	
21	20	1	EXISTING LOAD	0.4						0.8					0.4		EXISTING LOAD	20	1	2	
23	20	1	EXISTING LOAD				0.6				1.1	-			0.5		EXISTING LOAD	20	1	2	
25	20	1	EXISTING LOAD				0.5		1.5			1.0					JBOX - HAND DRYER 0004B (N) 2	20	1	2	
27	20	1	EXISTING LOAD				0.6			1.0		0.4	=				EXISTING LOAD	30	1	2	
29	20	1	EXISTING LOAD				0.5				1.5	1.0	7 =				JBOX - HAND DRYER 0004(N) 2	20	1	3	
31	20	1	EXISTING LOAD				0.6	III	0.6								MAIN (E)	100	3	3.	
33	20	1	REC-BATHROOM, HAND DRYER (E)	0.8						0.8							1	1	1	3	
35	20	1	REC-BATHROOM, HAND DRYER (E)	0.8							0.8					1	I	1	1	3	
CONN	ECTED	LOAD	D (KVA)	5.9	0.0	0.0	3.9	0.0	5.7	5.5	6.4	6.0	0.0	0.0	0.9	0.9		V = 1			
TOTAL	CONN	ECTE	D LOAD (SECTION 1)	11.9	0.0	0.0	4.8	0.9													
TOTAL	TOTAL CONNECTED LOAD (SECTION 2)			10.0	0.0	0.0	4.0	2.0													
25% O	FLAR	EST	MOTOR (KVA)																		
TOTAL	CONN	ECTE	D LOAD (KVA)	21.9	0.0	0.0	8.8	2.9													
DEMA	DEMAND FACTOR			1.0	1.25	1.0	Х	1.25									TOTAL DEMAND (KVA)	34			
TOTAL	DEMA	ND L	OAD (KVA)	21.9	0.0	0.0	8.8	3.6									LINE CURRENT (AMPS)	95			

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, EVOLVED AND DEVELOPED FOR THE USE ON, AND IN CONNECTION WITH THE SPECIFIED 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.ronnetteriley.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

	KEY PANELS	
HBS (E)	LBS SEC.II (E)	LBS SEC.I (E)

GENERAL NOTES

- 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.
- B. 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.

ELECTRICAL SCHEDULES

01-16-2020 Project No. Drawing By AS NOTED

E-601.00