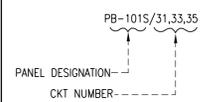


SYMBOLS LIST

	SINGLE POLE WALL SWITCH RATED AT 20 AMPS, 120 VOLTS. LOWERCASE LETTER INDICATES SWITCHING CONTROL.
	SINGLE POLE SWITCH 3=THREE-WAY o=CONTROLLING OUTLET OR FIXTURE "o"
	DISCONNECT SWITCH--TOGGLE TYPE HORSEPOWER RATED, WITH THERMAL OVERLOAD
	COMBINATION VACANCY SENSOR SWITCH (800W MAX) MANUFACTURER: ACUITY CONTROLS MODEL: WSX PDT VA
	DUPLEX RECEPTACLE RATED AT 20-AMPS 120 VOLTS. AC = ABOVE COUNTER (APPROXIMATELY 2'-8" A.F.F)
	GROUND FAULT INTERRUPTED WALL DUPLEX RECEPTACLE RATED AT 20 AMPS, 120 VOLTS. WP INDICATES WEATHERPROOF RECEPTACLE.
	WALL DUPLEX RECEPTACLE RATED AT 20-AMPS 120 VOLTS. CONTROLLED FROM WALL SWITCH.
	OUTLET DEVICE PL BOX SPECIFIED BY THEATER CONSULTANT. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO THE DRAWINGS.
	CEILING MOUNTED OUTLET DEVICE BOX SPECIFIED BY THEATER CONSULTANT. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO THE DRAWINGS.
	CEILING-MOUNTED JUNCTION BOX (J-BOX) WITH HOMERUN CIRCUIT AND FLEXIBLE CONNECTION TO EQUIPMENT.
	PULL BOX
	CONCEALED CONDUIT
	CONDUIT BURIED IN NEW CONCRETE FLOOR SLAB
	CONDUIT CUT IN TO FLOOR SLAB CHOP SLAB TO ACCOMMODATE CONDUIT. PATCH FLOOR AFTER INSTALLATION OF FLOOR BOX.
	PIPE GRID MOTOR. FURNISHED BY RIGGING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO TR DRAWINGS.
	UNFUSED DISCONNECT SWITCH; SWITCH SIZE TO BE GREATER THAN OR EQUAL TO OVER CURRENT PROTECTION. U.O.N.
ER	EXISTING TO BE REMOVED



ELECTRICAL DRAWING LIST	
E-001	ELECTRICAL SYMBOLS LIST, ABBREVIATIONS, DRAWING LIST, GENERAL NOTES AND CODE COMPLIANCE
E-101	ELECTRICAL DEMOLITION AND POWER PLANS
E-102	ELECTRICAL LIGHTING PLAN AND PANEL SCHEDULE
E-200	ELECTRICAL DETAILS 1 OF 2
E-201	ELECTRICAL DETAILS 2 OF 2
E-300	ELECTRICAL SPECIFICATIONS

IECC 2015 COMPLIANCE				
ROOM	ROOM AREA (SQ. FT.)	WATTAGE	WATTS/SQ. FT.	ALLOWABLE WATTS/SQ. FT.
VESTIBULE 109	56	28	0.5	0.66
WORKSHOP 0068F	510	120	0.235	1.59
STORAGE 0068C	99	40	0.4	0.63
OFFICE 0068A	99	40	0.4	1.11
GREEN ROOM 0068B	99	40	0.4	0.61
STORAGE 0068D	99	40	0.4	0.63

ALL ROOMS MEET IECC 2015 WATTAGE DENSITY REQUIREMENTS

LIGHT FIXTURE SCHEDULE

Symbol	Label	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	Wattage	NOTE
	A	PRUDENTIAL LIGHTING	P8912-LED35-SO-VWA-TMW-X1T	12" RECESSED CEILING MOUNT FIXTURE	LED	1	1100	28	
	B	SPECIALTY LIGHTING	CZ20-F-35-FL-S1	6" RECESSED ROUND DOWNLIGHT	LED	1	2265	20	TRIM: RD-FT-WHT-91A GENERAL CONTRACTOR TO COORDINATE MOUNTING AND HOUSING BASED ON CEILING CONDITION
	B-EM	SPECIALTY LIGHTING	CZ20-F-35-FL-EM	6" RECESSED ROUND DOWNLIGHT WITH BATTERY BACKUP	LED	1	2265	20	TRIM: RD-FT-WHT-91A GENERAL CONTRACTOR TO COORDINATE MOUNTING AND HOUSING BASED ON CEILING CONDITION
	C			HI-BAY LED LAMP, PROVIDED BY OTHERS					
	D	COLE LIGHTING	VS-6"-WG-9"10"	WALL-MOUNT LIGHTING FIXTURE WITH (20) 60W INCANDESCENT BULBS SPACED 6" APART ON CENTER	INCANDESCENT	20	800	1200	
	P	IDEC LIGHTING	APW299D-G120V	WALL-MOUNTED PILOT LIGHT FOR DRESSING ROOM RECEPTACLES	LED	1	120	1.2	

ELECTRICAL ABBREVIATIONS

Ø	"AT" OR "EACH AT"	GND	GROUND
A	AMPERE	HC	HUNG CEILING
AC	ABOVE COUNTER	HP	HORSEPOWER
AF	AMPERE FRAME	HV	HIGH VOLTAGE
AF	ABOVE FINISHED FLOOR	HZ	HERTZ
AL	ALUMINUM	IC	INTERRUPTING CAPACITY
ALM	ALARM	INST	INSTANTANEOUS
ASYM	ASYMMETRICAL	JB	JUNCTION BOX
AT	AMPERE TRIP	KV	KILOVOLT
ATS	AUTOMATIC TRANSFER SWITCH	KVA	KILOVOLT AMPERE
AUTO	AUTOMATIC	KW	KILOWATT
AWG	AMERICAN WIRE GAUGE	KWH	KILOWATT HOUR
BKR	BREAKER	LTG	LIGHTING
BLDG	BUILDING	LV	LOW VOLTAGE
C	CONDUIT	MAX	MAXIMUM
°C	DEGREE CELSIUS	MCB	MAIN CIRCUIT BREAKER
CB	CIRCUIT BREAKER	MCM	THOUSAND CIRCULAR MILS
CKT	CIRCUIT	MECH	MECHANICAL
CLG	CEILING	MFS	MAIN FUSED SWITCH
CLOS	CLOSET	MIN	MINIMUM
COMM	COMMUNICATION	MLO	MAIN LUGS ONLY
CONT	CONTINUATION	N	NEUTRAL
CT	CURRENT TRANSFORMER	NIC	NOT IN CONTRACT
CU	COPPER	NTS	NOT TO SCALE
CUH	CABINET UNIT HEATER	PB	PULLBOX
DB	DECIBEL	Ø	PHASE
DEG	DEGREE	PNL	PANEL
DISC	DISCONNECT	PWR	POWER
DN	DOWN	RECEPT	RECEPTACLE
DP	DISTRIBUTION PANELBOARD	REQ	REQUIRED
DWG	DRAWING	RM	ROOM
E	EMERGENCY	SCHED	SCHEDULE
EA	EACH	SECT	SECTION
EC	ELECTRICAL CONTRACTOR	SIG	SIGNAL
EL	ELEVATION	SP	SINGLE POLE
ELEC	ELECTRICAL	SPEC	SPECIFICATION
ELEV	ELEVATOR	SW	SWITCH
EM	EMERGENCY	SYM	SYMMETRICAL
EOPT	EQUIPMENT	SYS	SYSTEMS
EXIST	EXISTING	TBD	TO BE DETERMINED
EXT	EXTERIOR	TD	TIME DELAY
F	DEGREE FAHRENHEIT	TEL	TELEPHONE
FA	FIRE ALARM	TEMP	TEMPERATURE
FAP	FIRE ALARM PANEL	TRANSF	TRANSFORMER
FBO	FURNISHED BY OTHERS	TS	TAMPER SWITCH
FDS	FUSED DISCONNECT SWITCH	TV	TELEVISION
FIXT	FIXTURE	TYP	TYPICAL
FL	FLOOR	UNF	UNFUSED
FLEX	FLEXIBLE	UNO	UNLESS OTHERWISE NOTED
FLUOR	FLUORESCENT	V	VOLT OR VOLTAGE
FT	FEET OR FOOT	VA	VOLT AMPERE
G	GROUND	VAC	VACUUM
GEN	GENERATOR	W	WATT
GFI	GROUND FAULT INTERRUPTER	WP	WEATHERPROOF

ELECTRICAL GENERAL NOTES

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWING IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS. MAINTAIN HEADROOM AND SPACE CONDITIONS.
 - SECURE ALL SUPPORTS TO BUILDING STRUCTURE UTILIZING TOGGLE BOLTS (HOLLOW MASONRY), EXPANSION SHIELDS OR INSERTS (CONCRETE AND BRICK), MACHINE SCREWS (METAL), OR PAN THRU STRAPS (METAL DECK). NAILS, RAWL PLUGS AND WOOD PLUGS ARE NOT PERMITTED. WHERE REQUIRED BY STRUCTURE, PROVIDE THRU BOLTS AND FISH PLATES. SUPPORT HORIZONTAL RUNS OF METALLIC RACEWAYS NOT MORE THAN 10 FT APART.
 - RACEWAYS SHALL BE ALLOWED TO PASS OVER WATER, STEAM OR OTHER PIPING WHEN PULL BOXES ARE NOT REQUIRED. NO RACEWAY SHALL BE ROUTED WITHIN 3 INCHES OF STEAM OR HOT WATER PIPES, OR APPLIANCES, EXCEPT PERPENDICULAR CROSSINGS WHERE RACEWAY SHALL BE A MINIMUM OF 1 INCH FROM PIPE COVER.
 - CUT CONDUIT ENDS SQUARE, REAM SMOOTH. PAINT MALE THREADS OF FIELD THREADED RACEWAYS WITH GRAPHITE BASE PIPE COMPOUND. DRAW UP TIGHT WITH RACEWAY COUPLING.
 - HORIZONTAL OR CROSS RUNS IN PARTITIONS AND WALLS ARE NOT PERMITTED.
 - LEAVE WIRES WITH SUFFICIENT SLACK TO PERMIT MAKING FINAL CONNECTIONS.
 - SET BOXES SQUARE AND TRUE WITH BUILDING FINISH. ERECT WALL AND SWITCH OUTLETS IN ADVANCE OF FURRING AND FIREPROOFING. SECURE TO BUILDING STRUCTURE BY ADJUSTABLE STRAP IRONS.
 - VERIFY LOCATIONS OF OUTLETS AND SWITCHES IN FINISHED ROOMS WITH ARCHITECTURAL DRAWINGS OF INTERIOR DETAILS AND FINISH. IN CENTERING OUTLETS AND LOCATING BOXES AND OUTLETS, ALLOW FOR OVERHEAD PIPES, DUCTS AND MECHANICAL EQUIPMENT, VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS AND THE LIKE. CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSE TO OWNER.
 - LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS AT OR NEAR DOORS. COORDINATE WITH ARCHITECT AND INSTALL SWITCH ON SIDE OPPOSITE HINGE. VERIFY FINAL HINGE LOCATIONS IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.
 - COVERS OF JUNCTION AND PULLBOXES SHALL BE READILY ACCESSIBLE.
 - PROVIDE PULLBOXES AS REQUIRED BY CODE AND WHERE NECESSARY TO FACILITATE PULLING OF WIRE. COORDINATE PULLBOX LOCATIONS WITH OTHER TRADES.
 - JUNCTION AND PULL BOXES SHOULD NOT BE LOCATED EXPOSED IN FINISHED SPACES. WHERE NECESSARY, REROUTE RACEWAYS OR MAKE OTHER ARRANGEMENTS FOR CONCEALMENT.
 - SUPPORT PANEL, JUNCTION AND PULL BOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.
 - CONNECT CONDUIT TO MOTOR CONDUIT TERMINAL BOXES WITH FLEXIBLE CONDUIT; MINIMUM 18 IN. IN LENGTH AND 50% SLACK. DO NOT TERMINATE IN OR FASTEN RACEWAYS TO MOTOR FOUNDATION.
 - DO NOT PULL THERMOPLASTIC WIRES AT TEMPERATURES LOWER THAN 32°F (0°C) PROVIDE CABLE SUPPORTS FOR WIRE IN RISER CONDUITS AS REQUIRED BY CODE.
 - HEIGHTS OF OUTLETS FROM FINISHED FLOOR TO CENTERLINE OF OUTLET:
RECEPTACLES AND TELEPHONES:
GENERALLY 1'-0"
OVER WORK BENCHES 3'-6"
WALL SWITCHES 4'-0"
MOTOR CONTROLLERS 5'-0"
- EXCEPTIONS: AT JUNCTION OF DIFFERENT WALL FINISH MATERIALS; ON MOLDING OR BREAK IN WALL SURFACE; IN VIOLATION OF CODE REQUIREMENTS; AS NOTED OR DIRECTED.
- WIRE COLOR CODING: AS PER CODE. WHERE COLOR-CODED CABLE IS NOT AVAILABLE, CERTIFY IN WRITING AND REQUEST PERMISSION FOR OVERLAP COLOR TAPING OF CONDUCTORS (MINIMUM LENGTH 6") IN ACCESSIBLE LOCATIONS. COLOR CODING, ONCE SELECTED, MUST BE USED CONSISTENTLY FOR THE ENTIRE PROJECT.
 - INSTALL NEW WORK AND CONNECT TO EXISTING WORK WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES. TEMPORARY SHUTDOWNS: ONLY WITH WRITTEN CONSENT OF OWNER. MAINTAIN CONTINUOUS OPERATION OF EXISTING FACILITIES. ALARM AND EMERGENCY SYSTEMS ARE NOT TO BE INTERRUPTED.
 - ALL LIGHT FIXTURES AND INSTRUMENTS THAT ARE REMOVED SHOULD BE CAREFULLY STORED FOR FUTURE USE. COORDINATE REMOVAL AND STORAGE OF ALL EQUIPMENT WITH SUNY PURCHASE.
 - RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALLS.
 - FIRESTOPPING SHALL BE INSTALLED WHENEVER WIRING OR RACEWAYS CROSS FIRE RATED CONSTRUCTION.
 - POWER INTERRUPTIONS AND CORE DRILLING ONLY PERMITTED BETWEEN THE HOURS OF 6 PM AND 8 AM. AS APPROVED BY BUILDING MANAGER.
 - SUPPORT RACEWAY RISERS AT EACH FLOOR LEVEL.
 - DO NOT SWITCH POWER TO BATTERY BALLAST FOR EMERGENCY FIXTURES SHOWN SWITCH CONTROLLED.
 - COORDINATE ALL EXPOSED CONDUIT RUNS WITH ARCHITECT PRIOR TO EXPOSED CONDUIT INSTALLATION.
 - FOR THE NEW ELECTRICAL PANEL, THE CONTRACTOR SHALL PROVIDE A TYPE WRITTEN DIRECTORY CARD TO REFLECT NEW CIRCUITING.
 - UPON COMPLETION OF THE WORK, A MARKED UP SET OF "AS-BUILT" DRAWINGS SHALL BE SUBMITTED TO THE BUILDING MANAGER AND TENANT.

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1.	ISSUE FOR BUDGETING	06/04/2018

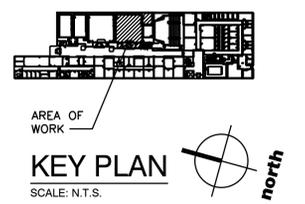
SEAL

PROJECT
INTERIOR RENOVATION MUSIC SOUND STAGE

DATE: 05/19/2018
PROJECT NO: DA 1845 / SU 022518
DRAWN BY: YK
CHECKED BY: PD
SCALE: AS NOTED

DRAWING TITLE
ELECTRICAL SYMBOLS, ABBREVIATIONS, DRAWING LIST, GENERAL NOTES AND CODE COMPLIANCE

SHEET NO.
E-001



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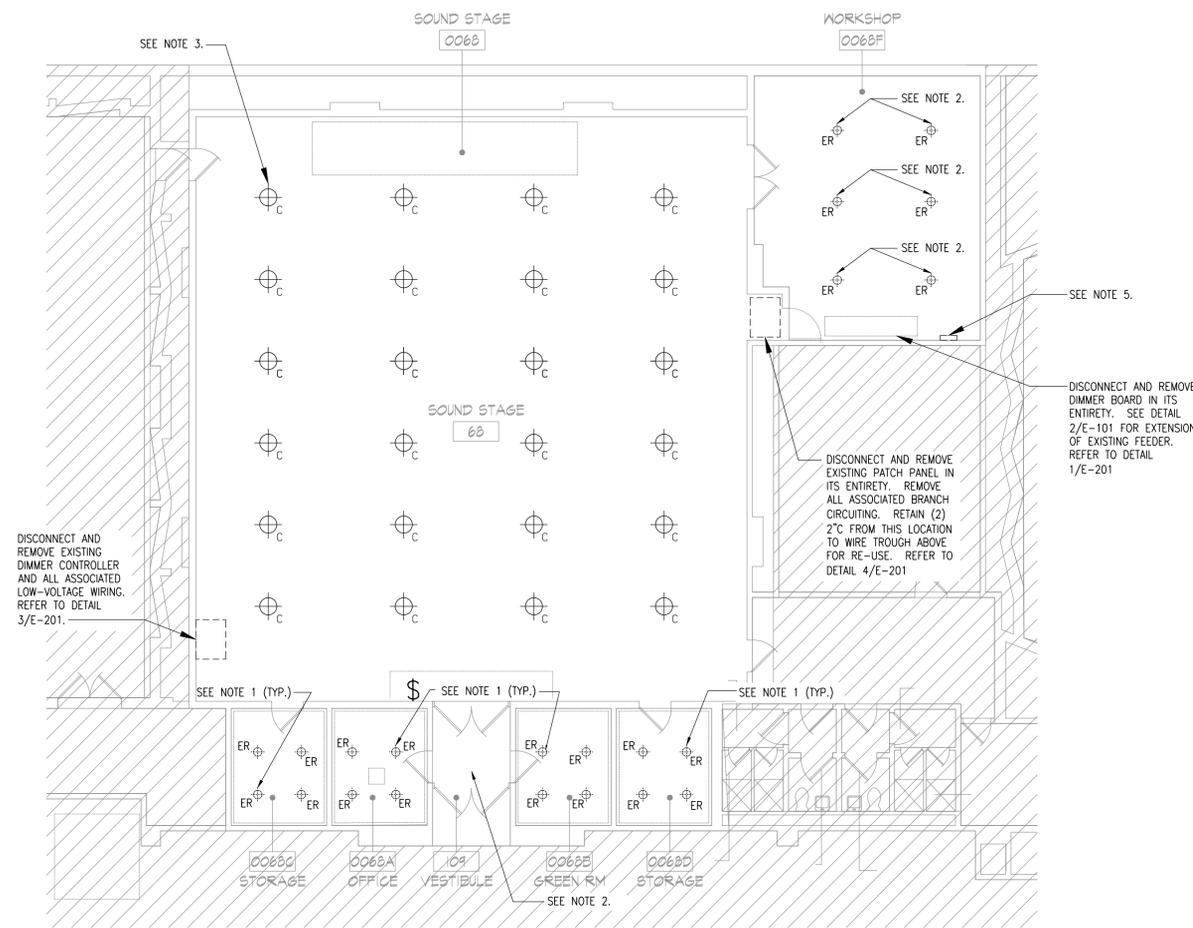
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PROJECT
INTERIOR RENOVATION MUSIC SOUND STAGE

DATE: 05/19/2018
PROJECT NO: DA 1845 / SU 02518
DRAWN BY: YK
CHECKED BY: PD
SCALE: AS NOTED

DRAWING TITLE
ELECTRICAL DEMOLITION AND POWER PLANS

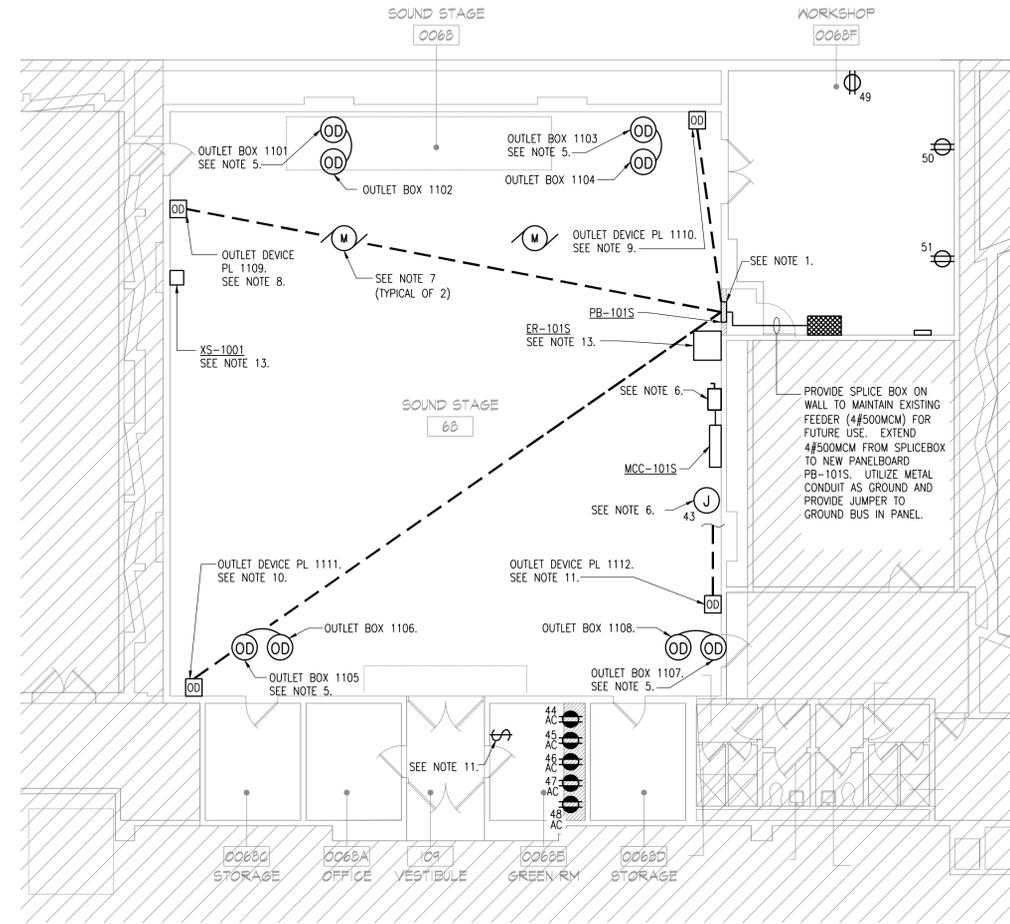
SHEET NO.
E-101



1 ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:

- EXISTING LIGHTING FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY TO ALL DOWNSTREAM LIGHT FIXTURES. ASSOCIATED WIRING, SWITCHES AND CONDUIT TO REMAIN FOR RE-USE.
- EXISTING LIGHTING FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY TO ALL DOWNSTREAM LIGHT FIXTURES.
- ALL HI-BAY LIGHT FIXTURES IN SOUND STAGE 0068 SHALL BE RELAMPED (24 TOTAL, LAMPS PROVIDED BY OTHERS). MAINTAIN EXISTING CIRCUIT (ORIGINATING IN DIMMER BOARD). PREPARE EXTENSION OF CIRCUIT FROM EXISTING LOCATION TO NEW PANEL (REFER TO DRAWING E-102).
- ALL EXISTING WALL-MOUNTED RECEPTACLES WITHIN AREA OF WORK TO REMAIN. ALL RECEPTACLES MOUNTED TO PIPE GRID AND ALL FLOOR BOXES IN SOUND STAGE TO BE REMOVED. REMOVE WIRING AND CONDUIT BACK TO SOURCE OF POWER. THE (2) 2" CONDUITS THAT TRAVEL FROM THE EXISTING PATCH PANEL LOCATION TO THE EXISTING WIRE TROUGH SHALL BE RETAINED.
- HOUSE LIGHTING (TYPE C LIGHTS) ARE ON EMERGENCY POWER AND CONTROLLED VIA EXISTING CONTACTOR. CONTACTOR HAS A NORMAL POWER BRANCH CIRCUIT INPUT, AN EMERGENCY POWER BRANCH CIRCUIT INPUT AND A NORMAL POWER SENSING INPUT. CONTACTOR AND ALL ASSOCIATED CIRCUITING SHALL REMAIN INTACT THROUGHOUT CONSTRUCTION. REFER TO DETAIL 1/E-102 FOR EXTENSION OF NORMAL BRANCH CIRCUIT.



2 ELECTRICAL POWER PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:

- REFER TO DETAIL 2/E-200 FOR LOW VOLTAGE CONTROL WIRING DIAGRAM.
- FOR SPECIFICATIONS FOR ALL THEATRICAL EQUIPMENT (INCLUDING RACK, MOTOR CONTROLLER, CONTROL CONSOLE AND OUTLET DEVICE BOXES). REFER TO TE AND TR DRAWINGS.
- DO NOT SUPPORT CONDUITS DIRECTLY TO ACOUSTIC PADDED CEILING. RACK ALL CONDUITS ALONG WALL FROM WIRE TROUGH TO ALL CEILING OUTLET DEVICE BOX LOCATIONS.
- ALL CIRCUITS SHALL BE CONNECTED TO PANEL PB-101S UNLESS OTHERWISE NOTED. RE-USE (2) EXISTING 2" CONDUIT TRAVELING FROM SPACE BEHIND PB-101S UP TO EXISTING WIRE TROUGH AT CATWALK LEVEL. (REFER TO DETAIL 6/E-201) PROVIDE 12 BRANCH CIRCUITS (24#8 + 12#10G) IN EACH 2" CONDUIT FOR A TOTAL OF 24 BRANCH CIRCUITS TO FEED OD BOXES AT CEILING. PROVIDE (8) CAT6a CABLES IN 1-1/4" FROM ER-101S, THROUGH SAME VERTICAL SHAFT BEHIND PB-101S, TO NEW JUNCTION BOX AT CATWALK LEVEL. REFER TO DETAIL 2/E-200.
- REFER TO DETAIL 2/E-200 FOR OUTLET DEVICE BOX LOW VOLTAGE WIRING DIAGRAM AND DETAIL 1/E-200 FOR ELECTRICAL OUTLET DEVICE BOX CONNECTION DETAIL.
- PROVIDE 208V, 3-POLE 30A DISCONNECT SWITCH FEEDING PIPE GRID MOTOR CONTROLLER MCC-101S. MOTOR CONTROLLER FURNISHED BY RIGGING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR, REFER TO TR DRAWINGS. PROVIDE DEDICATED MCC-101S CIRCUIT (PB-101S/43) AND JUNCTION BOX ADJACENT TO MOTOR CONTROLLER FOR INTEGRAL ELECTRONICS.
- PROVIDE 3#12 + 1#12G IN 3/4" FROM MOTOR CONTROLLER MCC-101S TO EACH PIPE GRID MOTOR (2 TOTAL).
- PROVIDE (1) 20A/120V CIRCUIT FROM PANEL PB-101S/25 AND (1) 60A/208V 3P CIRCUIT FROM PANEL PB-101S/31,33,35 FOR CONNECTION TO OUTLET DEVICE 1109, FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO TE DRAWINGS. ALL POWER WIRING (2#10 + 1#10G, 3#4 + 1#8G) SHALL RUN WITHIN NEW CONCRETE FLOOR SLAB IN THE SAME 1-1/4". ALSO PROVIDE (2) CAT6a CABLES FROM ER-101S TO SAME LOCATION IN 3/4" (WITHIN SLAB).
- PROVIDE (1) 20A/120V CIRCUIT FROM PANEL PB-101S/26 AND (1) 60A/208V 3P CIRCUIT FROM PANEL PB-101S/32,34,36 FOR CONNECTION TO OUTLET DEVICE 1110 ALL POWER WIRING (3#4 + 1#8G, 2#10 + 1#10G) SHALL RUN WITHIN NEW CONCRETE FLOOR SLAB IN THE SAME 1-1/4". ALSO PROVIDE (2) CAT6a CABLES FROM ER-101S TO SAME LOCATION IN 3/4" (WITHIN SLAB).
- PROVIDE (1) 20A/120V CIRCUIT FROM PANEL PB-101S/27 AND (1) 60A/208V 3P CIRCUIT FROM PANEL PB-101S/37,39,41 FOR CONNECTION TO OUTLET DEVICE 1111. ALL POWER WIRING (3#4 + 1#8G, 2#10 + 1#10G) SHALL RUN WITHIN NEW CONCRETE FLOOR SLAB IN THE SAME 1-1/4". ALSO PROVIDE (2) CAT6a CABLES FROM ER-101S TO SAME LOCATION IN 3/4" (WITHIN SLAB).
- PROVIDE (1) 20A/120V CIRCUIT FROM PANEL PB-101S/28 AND (1) 60A/208V 3P CIRCUIT FROM PANEL PB-101S/38,40,42 FOR CONNECTION TO OUTLET DEVICE 1112. ALL POWER WIRING (3#4 + 1#8G, 2#10 + 1#10G) SHALL RUN WITHIN NEW CONCRETE FLOOR SLAB IN THE SAME 1-1/4". ALSO PROVIDE (2) CAT6a CABLES FROM ER-101S TO SAME LOCATION IN 3/4" (WITHIN SLAB).
- 1P SWITCH SHALL CONTROL ALL NEW ABOVE-COUNTER RECEPTACLES IN DRESSING ROOM AND PILOT LIGHT IN VESTIBULE 109 VIA CONTACTOR. SWITCH SHALL BE CLEARLY LABELED "ABOVE-COUNTER OUTLETS." SEE DETAIL 3/DWG E-200 FOR WIRING DIAGRAM.
- PROVIDE (4) CAT6a CABLES FROM ER-101S TO XS-1001. ER-101S AND XS-1001 FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR, REFER TO TE DRAWINGS.



AREA OF WORK
KEY PLAN
SCALE: N.T.S.



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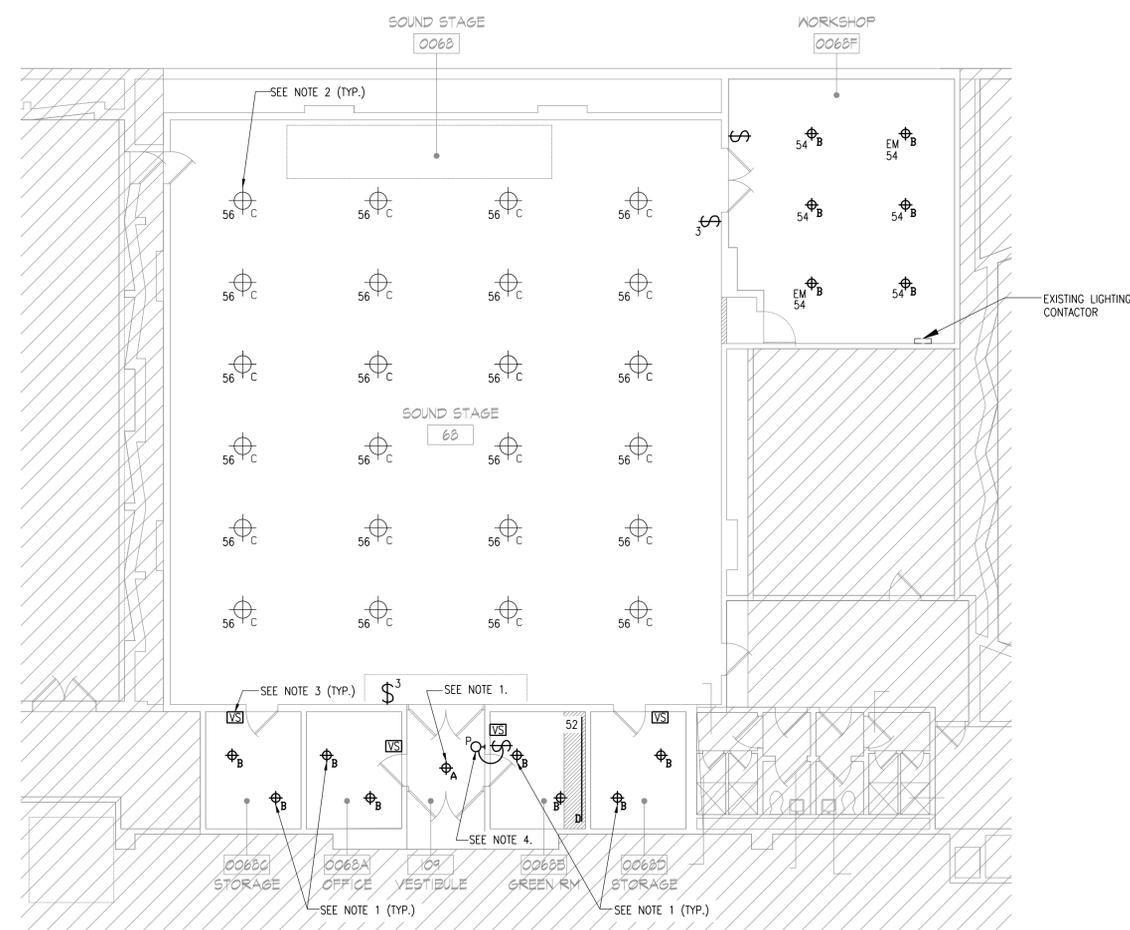
DRAWING TITLE
ELECTRICAL LIGHTING PLAN AND PANEL SCHEDULE

SHEET NO.
E-102

CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD AMPS	PER PHASE AMPS			LOAD AMPS	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
				A	B	C				
1	20	OUTLET BOX PL 1102 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1102 PIPE GRID RECEPTACLE	20	2	
3	20	OUTLET BOX PL 1102 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1102 PIPE GRID RECEPTACLE	20	4	
5	20	OUTLET BOX PL 1102 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1102 PIPE GRID RECEPTACLE	20	6	
7	20	OUTLET BOX PL 1104 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1104 PIPE GRID RECEPTACLE	20	8	
9	20	OUTLET BOX PL 1104 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1104 PIPE GRID RECEPTACLE	20	10	
11	20	OUTLET BOX PL 1104 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1104 PIPE GRID RECEPTACLE	20	12	
13	20	OUTLET BOX PL 1106 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1106 PIPE GRID RECEPTACLE	20	14	
15	20	OUTLET BOX PL 1106 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1106 PIPE GRID RECEPTACLE	20	16	
17	20	OUTLET BOX PL 1106 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1106 PIPE GRID RECEPTACLE	20	18	
19	20	OUTLET BOX PL 1108 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1108 PIPE GRID RECEPTACLE	20	20	
21	20	OUTLET BOX PL 1108 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1108 PIPE GRID RECEPTACLE	20	22	
23	20	OUTLET BOX PL 1108 PIPE GRID RECEPTACLE	0	0	0	0	OUTLET BOX PL 1108 PIPE GRID RECEPTACLE	20	24	
25	20	OUTLET DEVICE PL 1109 RECEPTACLE	0	0	0	0	OUTLET DEVICE PL 1110 RECEPTACLE	20	26	
27	20	OUTLET DEVICE PL 1111 RECEPTACLE	0	0	0	0	OUTLET DEVICE PL 1112 RECEPTACLE	20	28	
29	20	BOX 1001 UTILITY CIRCUIT	0	0	0	0	ER-1015 CIRCUIT	20	30	
31			0	0	0	0			32	
33	60	OUTLET DEVICE PL 1109 3PH PIN & SLEEVE 4#6 + 1#10G IN 1" C	0	0	0	0	OUTLET DEVICE PL 1110 3PH PIN & SLEEVE 4#6 + 1#10G IN 1" C	60	34	
35			0	0	0	0			36	
37			0	0	0	0			38	
39	60	OUTLET DEVICE PL 1111 3PH PIN & SLEEVE 4#6 + 1#10G IN 1" C	0	0	0	0	OUTLET DEVICE PL 1112 3PH PIN & SLEEVE 4#6 + 1#10G IN 1" C	60	40	
41			0	0	0	0			42	
43	40	MCC-1015 INTEGRAL LOADS 2#12 + 1#12G IN 3/4" C	16.7	18.2		1.5	GREEN ROOM RECEPTACLE	20	44	
45	20	GREEN ROOM RECEPTACLE	1.5		3		GREEN ROOM RECEPTACLE	20	46	
47	20	GREEN ROOM RECEPTACLE	1.5		3	1.5	GREEN ROOM RECEPTACLE	20	48	
49	20	WORKSHOP RECEPTACLE 2#12 + 1#12G IN 3/4" C	15	30		15	WORKSHOP RECEPTACLE 2#12 + 1#12G IN 3/4" C	20	50	
51	20	WORKSHOP RECEPTACLE 2#12 + 1#12G IN 3/4" C	15		25	10	GREEN ROOM MIRROR LIGHTING	20	52	
53	20	LIGHTING CONTACTOR AND PILOT LIGHT	.01			1.01	1	WORKSHOP 0068F LIGHTING	20	54
55			16.7	16.7		0	SOUND STAGE 68 LIGHTING	20	56	
57	40	MOTORIZED PIPE GRID VIA MCC-1015 3#10 + 1#10G IN 3/4" C	16.7		16.7		SPARE	20	58	
59			16.7		16.7	0	SPARE	20	60	
			64.9	44.7		20.71				

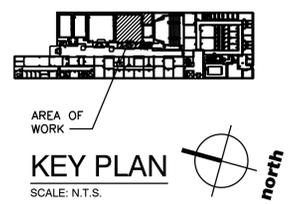
LOAD	CONNECTED KVA	DEMAND KVA
THEATRICAL LIGHTING	81	41
MOTORIZED PIPE GRID	6	6
LIGHTING	1.7	1.7
WORKSHOP EQUIPMENT	5.4	5.4
GENERAL RECEPTACLE	1.6	1.6
TOTAL:	90.3	50.3

PANEL SCHEDULE NOTES:
1. ALL 20A, 120V CIRCUITS SHALL CONSIST OF 2#10 + 1#10G UNLESS OTHERWISE NOTED.



1 ELECTRICAL LIGHTING PLAN
SCALE: 1/8" = 1'-0"

- ELECTRICAL NOTES:
1. PROVIDE NEW LIGHT FIXTURE AND CONNECT TO EXISTING CIRCUIT.
 2. EXTEND EXISTING NORMAL BRANCH CIRCUIT AND POWER SENSING CIRCUIT FROM EXISTING LIGHTING CONTACTOR TO PANEL PB-1015/56. EXISTING EMERGENCY CIRCUIT TO CONTACTOR SHOULD BE INTACT THROUGH DEMOLITION PROCESS. PROVIDE NEW 3-WAY SWITCHING FOR HOUSE LIGHTING.
 3. PROVIDE COMBINATION VACANCY SENSOR/SWITCH TO CONTROL LIGHTING. MODIFY EXISTING WIRING AS NECESSARY TO ACCOMMODATE NEW LIGHTING CONTROLS.
 4. PILOT LIGHT FOR GREEN ROOM RECEPTACLES. REFER TO DETAIL 3/E-200.





1 EXISTING DIMMERBOARD TO BE REMOVED
SCALE: N/A



2 EXISTING DIMMERBOARD FEEDER TO BE EXTENDED
SCALE: N/A



3 EXISTING CONTACTOR PANEL TO BE REUSED
SCALE: N/A



4 EXISTING (2) 2" TO BE REUSED
SCALE: N/A



5 EXISTING DIMMER CONTROLLER TO BE REMOVED
SCALE: N/A



6 EXISTING WIRE TROUGH TO BE REUSED
SCALE: N/A



AREA OF WORK
KEY PLAN
SCALE: N.T.S.

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NO.	REVISION/ISSUE	DATE
2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018

SEAL

PROJECT
INTERIOR RENOVATION MUSIC SOUND STAGE

DATE:	05/19/2018
PROJECT NO.:	DA 1845 / SU 062518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

DRAWING TITLE
ELECTRICAL DETAILS
2 OF 2

SHEET NO.
E-201

