

DRY TYPE TRANSFORMER SCHEDULE								
80 VOLT RCURRENT	208 VOLT (NOTE4) OVERCURRENT	480 VOLT FEEDER**	208/120 VOLT FEEDER**	GEC (NOTE 5)	SSBJ (NOTE 6)			
20A, 3P	30A, 3P	3#12 & 1#12G - 3/4"C	4#10 - 3/4"C	1#8 - 3/4"C	1#8			
30A, 3P	50A, 3P	3#10 & 1#10G - 3/4"C	4#8 - 1"C	1#8 - 3/4"C	1#8			
60A, 3P	100A, 3P	3#4 & 1#10G - 1"C	4#1 - 1 1/2"C	1#6 - 3/4"C	1#6			
90A, 3P	150A, 3P	3#3 & 1#8G - 1 1/4"C	4#1/0 - 1 1/2"C	1#6 - 3/4"C	1#6			
50A, 3P	250A, 3P	3#1/0 & 1#6G - 1 1/2"C	4#250 KCMIL - 2 1/2"C	1#2 - 3/4"C	1#2			
200A, 3P	400A, 3P	3#3/0 & 1#6G - 2"C	4#600 KCMIL - 4"C	1#1/0 - 3/4"C	1#1/0			
300A, 3P	500A, 3P	3#350 KCMIL & 1#4G - 3"C	8#250 KCMIL - (2) 2 1/2"C	1#1/0 - 3/4"C	1#1/0			
100A, 3P	800A, 3P	3#400 KCMIL & 1#3G - 3 1/2"C	8#600 KCMIL - (2) 4"C	1#3/0 - 3/4"C	1#3/0			
600A, 3P	1000A, 3P	6#350 KCMIL & 2#1G - (2) 3"C	12#400 KCMIL - (3) 3"C	1#3/0 - 3/4"C	1#3/0			
000A, 3P	1800A, 3P	9#400 KCMIL & 3#2/OG - (3) 3"C	16#600 KCMIL - (4) 4"C	1#300 KCMIL- 1"C	1#300KCMIL			

EVICE (SPE	) SCHEI	DULE		FEE	DER LINE TYPES	
SURGE CAPACITY PER PHASE)	ENCLOSURE	MOUNTING	MODES OF PROTECTION		FEEDER CONCEALED IN WALLS AN ABOVE CEILINGS	٩D
160,000	N/A	INTEGRAL	L-N, L-G, L-L			
80,000	N/A	INTEGRAL	L-N, L-G, L-L		FEEDER INSTALLED UNDERSLAB	
80,000	N/A	3-POLE	L-N, L-G, L-L		MI FEEDER CONCEALED IN WALLS	5
	•				AND ABOVE CEILINGS	
ISTED TO THE MOS	T RECENT STA	NDARD EDITIC	ONS OF		MI FEEDER INSTALLED UNDERSLA	Β
E POSTED AT WWW	UL.COM UNDE	R CATGORY C	CODE: VZCA			
(In) FOR COMPLIAN	ICE TO UL 96A	LIGHTNING				

	SINGLE CO	ONDUCTOR MI CABLE		
FEEDER SYMBOL	CONDUCTORS (3 PHASE, 3 WIRE)	CONDUCTORS (3 PHASE, 4 WIRE)	NOMINAL AMPERE RATING	
(M1)	3#10		40	
(M2)		3#10,1#10N	40	
(M3)	3#8		60	
(M4)		3#8,1#8N	00	
(M5)	3#8		70	
(M6)		3#8, 1#8N	70	
(M7)	3#4		100	
(M8)		3#4, 1#4N	100	
(M9)	3#4		125	
(M10)		3#4, 1#4N	125	
(M11)	3#2		150	
(M12)		3#2, 1#2N	150	
(M13)	3#1		175	
(M14)		3#1, 1#1N	175	
(M15)	3#1/0		200	
(M16)		3#1/0, 1#1/0N	200	
(M17)	3#1/0		225	
(M18)		3#1/0, 1#1/0N	225	
(M19)	3#2/0		250	
(M20)		3#2/0, 1#2/0N	230	
(M21)	3#3/0		300	
(M22)		3#3/0, 1#3/0N	300	
(M23)	3#4/0		250	
(M24)		3#4/0, 1#4/0N	550	
(M25)	3#250 KCMIL		400	
(M26)		3#250 KCMIL, 1#250KCMIL (N)	400	
(M27)	3#350 KCMIL		500	
(M28)		3#350 KCMIL, 1#350KCMIL (N)	500	





KEY	NOTES - PV ARRAY RISER DIAGRAM	
E1>	PROVIDE 1000V RATED 2#10 DC WIRING & 1#10G, 1" IMC (INTERMEDIATE METAL CONDUIT) TO THE ROOF MOUNTED PV ARRAY. ROOF MOUNTED CONDUIT SHALL BE PROVIDED AT LEAST 3-1/2" ABOVE ROOF. THE CONTRACTOR MAY COMBINE MULTIPLE STRINGS IN A SINGLE 1" CONDUIT IF THE STRINGS ARE CONNECTED TO THE SAME INVERTER (AS INDICATED ON PLANS) AND ORIGINATE FROM THE SAME LOCATION - NOT TO EXCEED 3 DC CIRCUITS (UP TO 6 CURRENT CARRYING	S
E2	1000V RATED 2#10 DC WIRING AND #6 GROUND WIRE TO SOLAR EDGE POWER OPTIMIZER. CONDUCTORS SHALL BE PROTECTED FROM PHYSICAL AND UV DAMAGE. PROVIDE	S
	CONDUIT PROTECTION WITH APPROVED BUSHINGS. PROVIDE WIRING BETWEEN ROWS IN CONDUIT. WIRING AT THE PV ARRAY SHALL BE SECURED WITH STAINLESS STEEL CLIPS AND POLYESTER COATED STAINLESS STEEL WIRETIES. GROUND ALL EQUIPMENT AS REQUIRED INCLUDING RACKING, MODULE, POWER OPTIMIZER, JUNCTION BOXES, ETC.	1. 2. 3
E3	LG NEON 2 72 CELL PV MODULE MOUNTED TO PV RACKING SYSTEM ON ROOF. REFER TO PV MODULE SCHEDULE.	5.
E4	RACK MOUNTED SOLAR EDGE POWER OPTIMIZER P505. (1) POWER OPTIMIZER SERVES EACH PV MODULE. PROVIDE UL LISTED MOUNTING BRACKET AS REQUIRED BY SOLAR EDGE AND RACKING MANUFACTURER. PROVIDE CONNECTOR AND EXTENSION ADAPTORS AS	4. 5.
	REQUIRED. MOUNT POWER OPTIMIZER PER MANUFACTURER REQUIREMENTS. CAP ALL UNUSED CONNECTORS AT EACH POWER OPTIMIZER.	
E5	4#8 & 1#10G, 1" IMC TO 50A/3P CIRCUIT BREAKER IN PANEL <u>PV1</u> , RATED FOR BACKFEED. USE THWN-2 WIRE.	L
Kee	4#10 & 1#10G, 3/4" IMC TO 30A/3P CIRCUIT BREAKER IN PANEL <u>PV1</u> , RATED FOR BACKFEED. USE THWN-2 WIRE.	
E7	WALL MOUNTED SOLAR EDGE PV INVERTER. REFER TO INVERTER SCHEDULE. PROVIDE SOLAREDGE RAPID SHUTDOWN KIT AND RS485 SPD KIT (#SE-RS485-SPD2-K1). PRODUCTION REPORTING: DAISY CHAIN INVERTERS TO FORM A MASTER/SLAVE CONFIGURATION AS REQUIRED BY SOLAR EDGE FOR COMPLETE SYSTEM REPORTING, PROVIDE A HARDWIRED MODEM KIT INCLUDING A SOLAREDGE DATA PLAN FOR EACH MASTER INVERTER (TYP). ENSURE PRODUCTION DATA REPORTING REMAINS OPERATIONAL FOR THE LIFE OF THE PV ARRAY. CONFIGURE PRODUCTION REPORTING WITH OWNERS IT REPRESENTATIVE.	1. 2.
$\langle E8 \rangle$	SOLAREDGE CONTROL AND COMMUNICATION GATEWAY	LO
	IN NEMA 3R HOUSING. COMMUNICATION GATEWAY SHALL BE COMPATIBLE WITH THE SCHOOLS IT INFRASTRUCTURE TO REPORT TOTAL PV SYSTEM PERFORMANCE IN REAL TIME. REPORTING SYSTEM SHALL PROVIDE PV MODULE LEVEL DATA. DAISY CHAIN FROM INVERTERS VIA RS485 CONNECTION FOR COMPLETE SYSTEM REPORTING. PROVIDE WEATHERPROOF RECEPTACLE WITH 120V-20A CIRCUIT FOR CORD AND PLUG ADAPTER - REFER TO FLOOR PLANS FOR FOR LOCATION AND CIRCUITING.	F
E9	DATA CONNECTION IN WEATHERPROOF ENCLOSURE ADJACENT TO INVERTER TO REPORT TO OWNERS IT INFRASTUCTURE. COORDINATE WITH OWNERS IT REPRESENTATIVE TO ENSURE DATA IS AVAILABBLE 24/7 TO THE OWNER FOR MONITORING AND DISPLAY FOR COMPLETE SYSTEM REPORTING. MASTER INVERTER SHALL BE CONFIGURED FOR REPORTING VIA HARDWIRED CONNECTION TO SMA MONITORING PORTAL.	1. 2. 3.
E10	WEATHERPROOF RS485 COMMUNICATION WIRE TO MASTER INVERTER IN CONDUIT.	4.
	GENERAL NUTES - ELECTRICAL ALTER	KINA I E

NOTE:

THE PHOTOVOLTAIC SYSTEM AS SHOWN ON THIS DRAWING IS PART OF ALTERNATE N

EQUIPMENT	
COMBINER BOX	ELECTRICAL SHOCK DO NOT TOUCH TERM TERMINALS ON BOTH LI LOAD SIDES MAY BE END IN THE OPEN POSIT DC VOLTAGE IS ALWAYS WHEN SOLAR MODIO ARE EXPOSED TO SUM
DC BREAKER OR DC DISCONNECT	MAXIMUM VOLTAGE MAXIMUM CIRCUIT CURRENT MAX RATED OUTPUT CURRENT O THE CHARGE CONTROLLER OR DC-TO-DC CONVERTER (IF INSTALLED)
RAPID SHUTDOWN INITIATING DEVICE IF APPLICABLE	PHOTOVOLTAIC S EQUIPPED W RAPID SHUTD
CONDUIT, EMT, ENCLOSURES, CABLING ASSEMBLIES, ABOVE AND BELOW ALL PENETRATIONS REFLECTIVE MATERIAL	WARNING: PHOTO POWER SOUL NEC REFLECTIVE MATE SPACING NOT TO EXCEED 10FT

2. ALL LABELS SHALL BE PERMANENTLY AFFIXED AND BE OF ADEQUATE DURABILITY TO WITHSTAND AND SURVIVE THE ENVIRONMENT INVOLVED.

INVERTER SCHEDULE									GENERAL SOLAR PV NOTES					
MANUFACTUF & MODEL	RER INVERTER NUMBERS	OUTPUT CURRENT	OUTPUT POWER	MPPTV	OPTIMIZ	ER W	/ARRANT`	/	1. VOLTA			O 3% BETWEE	EN INVERTER(S)	AND THE
SOLAR EDG	E INV-1				SOLA	3			2. ALL W	IRING SHALL	L BE COPPER.			
SE30KUS	INV-2 INV-3	36.25A	30,000W	400V	EDGE P505		12 YEARS		3. THE CO WARR	ONTRACTOF	R SHALL PROVIDE P PERTAINS TO THE F	ROOF OF CON V ARRAY IN IT	NFORMITY TO TH 'S ENTIRETY.	IE ROOF
	F				SOLA	ર			4. ANY D SYSTE	EVIATION FE	ROM THE BASIS OF CONTRACTOR AS ST	DESIGN SHALL IPULATED IN S	REQUIRE A RE	DESIGN OF THE
SOLAR EDGE SE20KUS       INV-4       24.00A       20,000W       400V       EDGE P505       12 YEARS       5. THE CONTRACTOR SHALL OBTAIN STAMPED STRUCTURAL DRAWINGS AS IT PERTAINS TO THE PV ARRAY IN ITS ENTIRETY BY A LICENSED CONNECTICU STRUCTURAL ENGINEER.									IGS AS IT NECTICUT					
DISONNE	CT/ISOLATION FR				ILITY PO	NER IS	LOST.				PV SOURCE		NOTE	
2. ALL INVE PV ARRAY	YS AS REQUIRED		GRAMS EO						THESE DF	RAWINGS AF	RE DIAGRAMMATIC			TED TO POWER
SOURCE QUANTITI	PANELS. REFER T ES.	TO PHOTOVO		NS FOR S	STRINGIN	G AND	MODULE		STRING C BOXES. R	ONDUCTOR	STED IN SERIES TO I S. PROVIDE CONDU TED DC WIRING SHA	NVERTERS. PH IT SLEEVES BI ALL ADHERE, IN	ETWEEN ROWS	E/NEGATIVE AND JUNCTION IE ROUTING
4. PROVIDE CONNEC	SURGE SUPPRES TED CIRCUITS AS	SSION DEVICI INDICATED.	ES ON ALL /	AC INVEI	RTER CIR	CUITS	AND DC		SHOWN C COORDIN ENGINEER	N PLANS. FI ATED WITH RS.	INAL ROOF MOUNTE ALL OTHER INSTALI	ED CONDUIT R ERS, BUILDIN	G OWNERS, AR	BE FULLY CHITECTS AND
5. POWER C	PTIMIZERS SHAL	L HAVE A 25 `	YEAR WAR	RANTY.										
	PV	MODULE	E SCHE	DULE	=			٦		F	PV SYSTEM [			
LOCATION	MANUFACTU & MODEL	RER Pmax	(STC)	Voc	Vmp	Imp	lsc	_	CODE CHA	CODE: 2018 APTER 605.1 /IND SPEED	PINTERNATIONAL BU 11. PER ATC: 140 MPH	(3 SECOND GL	JST)	EFIRE SAFETY
ROOF	LG NEON 2	2 /5 40	5W 4	9.4V	41.0V	9.86A	10.47	<u> </u>	WIND EXP RISK CATI GROUND	Posure: B Egory: III Snow Loae	D: 35 PSF			
1. MODEL A	TTRIBUTES:	32"v1 58"						_						
B. WEIGH C. FRON	IT: 44.75 LBS	Y: 19.5%	ON STAND	ARD TES		TIONS	(STC)		POOF	SUPI		ELECTRICAL	SYMBOLS, LEGE	> I  ENDS, NOTES
2. PV MODU	LES SHALL HAVE	A 25 YEAR W	ARRANTY				(010)		PLAN	PLAN	AND ABBREVIATI	ONS ON SHEE	T E-000 HS FOR	ADDITIONAL
	PV	RACKIN	G SCHE	EDULI	Ξ						PV MODULE MOUNTED TO RACKING SYSTEM AND CONNECTED TO INVERTER AS NOTED.			
LOCATION	MANUFACTURE & MODEL	R TIL	Т	MANUF	ACTUREF	ACCE	SSORIES		PHOTOVOLTAIC SYSTEM DC CIRCUIT: SHOWN TO DEPICT STRING CONFIGURATION. LINES SHOWN UNDER PV MODULE,					TO DEPICT R PV MODULE,
ALUMINUM CONSTRUCTION, STAINLESS STEEL HARDWARE, BALLAST TRAYS, SNOWLOAD SUPPORTS, WINDSCREENS, WIRE							POWER OPTIMIZER, TO THE DESIGNATED STRING AND INVERTER. PV MODULE SHALL BE CIRCUITED PER THE PV RISER DIAGRAM DETAIL ON THIS SHEET.							
ROOF       AEROCOMPACT S10 7-10       10 DEGREES       MANAGEMENT, GROUNDING CLAMPS/LUGS, OPTIMIZER CLAMPS, ROOF PROTECTION PADS, CONCRETE BALLAST BLOCKS AND         ALL OTHER EQUIPED       ALL OTHER EQUIPED						,	INVERTER SHALL BE CONNECTED TO STRINGS AS INDICATED							
						_	ATS* AMBIENT TEMPERATURE SENSOR.							
<ol> <li>PROVIDE ALL EQUIPMENT PER STRUCTURAL AND ARCHITECTURAL REQUIREMENTS.</li> <li>COORDINATE FINAL EQUIPMENT CONFIGURATION WITH MANUFACTURER BASED ON SITE CONDITIONS</li> </ol>								N	ITS	MODULE TEMPERATURE SENSOR				
3. PROVIDES		GINEERING D	ESIGN, RE\	/IEW AN	D SEAL D	RAWIN	GS FOR		IRS IRRADIANCE SENSOR - MOUNT PLUMB WITH ADJACENT PV MODULE.					
4. PROVIDE (	CONCRETE BALLA	AST BLOCKS	TO WITHST		ND LOADS	S AND S	SNOW			INV-#	WALL MOUNTED	THREE PHASE	E PV INVERTER	
SCHOOL.							s	SPD1000 VOLT DC SURGE PROTECTOR. PROVIDE PHOENIX CONTACT (#VAL-MS-T1/T2 1000DC-PV/2+V FM) IN WEATHER PROOF ENCLOSURE BY PHOENIX CONTACT PER MANUFACTURER REQUIREMENTS.						
NO. 7 PACKAGE O	NLY.													
	<b>_</b>	РНОТС		IC SYS	STEM	ABE	LING	НА	RT					
	LABEL					LOCAT	ΓΙΟΝ				LA	ABEL		
CK HAZARD RMINALS H LINE AND ENERGIZED SITION YS PRESENT DULES SUNLIGHT NEC 690.17(F	ELECTR IF A GR NORMAL MAY BE U	NARN RICAL SHOO OUND FAULT I LY GROUNDED A	K HAZAR S INDICATED CONDUCTO AND ENERGIA	NRS ZED 90.5(C)	STR	NG/CEN INVER1	ITRALIZED IERS		ELECTI IF A GI NORMAL MAY BE U	NAR RICAL SHO ROUND FAUL LY GROUNDED	NING OCK HAZARD T IS INDICATED ED CONDUCTORS O AND ENERGIZED NEC 690.5(C)			
NT OF NEC 690.53 ACC BREAKER, AC DC VOLTAGE IS ALWAYS PRESENT WHEN SOLAR MODULES ARE EXPOSED TO SUNLIGHT DE DISCONNECT									OLTAIC AC OPERATING CUR RATING AC VOLT NEC 69 NEC 69 NEC 110.27(C)	C DISCONNECT RENT: AGE: 90.54 & NEC 690.13(B) NING TOVOLTAIC T PRIOR TO IDE PANEL ) & OSHA 1910.14(f)(7)	ELECTR DO NO TERMINA LOAD SII IN T INVERTER RELOCAT	WARN RICAL SHOCK DT TOUCH TER ALS ON BOTH DES MAY BE E HE OPEN POS HE OPEN POS MAY BE E HE OPEN POS MAY BE E HE OPEN POS OUTPUT CONNEC E THIS OVERCURF NE ING DUAL POV URCE IS PHOTOV	NG CHAZARD RMINALS I LINE AND ENERGIZED STION NEC 690.17(E) CONTRACTOR CONTRACTOR CONTRACTOR NEC 690.17(E) CONTRACTOR CONTRACT	

**CAUTION: SOLAR ELECTRIC** STEM SYSTEM CONNECTED PRODUCTION/NET METER WN NEC 690.56(C) L REQUIRED OLTAIC CAUTION OTOVOLTAIC POWER 690.31(G)(3)(4) POWER TO THIS SERVICE IS ALSO SUPPLIED FROM THE FOLLOWING SOURCES WITH L REQUIRED NEC 690.31(G)(1) & NEC 690.4(F) FOR USE ON SHINGLED ROOFS WHERE DISCONNECTS LOCATED AS SHOWN DIRECTORY PLACARD CIRCUITS MAY BE EMBEDDED REFLECTIVE MATERIAL REQUIRED DISCONNECT

REFLECTIVE MATERIAL REQUIRED

VERSION AND ANSI Z535.4 UNLESS OTHERWISE NOTED.



NEC 705.12(D)(3) & NEC 690.64

WARNING

ELECTRICAL SHOCK HAZARD

IF A GROUND FAULT IS INDICATED

NORMALLY GROUNDED CONDUCTORS

MAY BE UNGROUNDED AND ENERGIZED

FOR USE ON BUILDING/STRUCTURE.

CLEARLY VISIBLE TO PROVIDE THE

LOCATION OF THE SERVICE DISCONNECTING

MEANS AND THE PHOTOVOLTAIC SYSTEM

DISCONNECTING MEANS IF NOT LOCATED AT THE SAME LOCATION.

NEC 690.15 & NEC 690.13(B)

NEC 690.56(B)

SAMPLE

NEC 690.5(C)



	GENERAL NOTES - ELECT
1. AL NC	L CIRCUITS SHALL BE 2#12,#12G.,3/4"C., TO NEW 20A-1P CIRC DTED OTHERWISE.
2. AL 01	L 120V BRANCH CIRCUITS THAT EXCEED 150' IN LENGTH SHA
3. AL	L DEVICES SHALL BE LABELED WITH SOURCE PANEL AND CI
4. RE	EFER TO ARCHITECTS REFLECTED CEILING PLAN FOR EXACT ECTRICAL DEVICES.
5. RE AN	EFER TO DRAWING E-000 & E-001 FOR ELECTRICAL FIXTURE S ND ABBREVIATIONS.
6. UN OF EA	NLESS OTHERWISE INDICATED, REFER TO MOTOR CIRCUIT S FALL MECHANICAL EQUIPMENT (HVAC, PLUMBING, FIRE PRO ACH TRADE FOR EXACT LOCATION OF EQUIPMENT.
7. AL Cl	L RECEPTACLES WITHIN 6'-0" OF A WATER SOURCE SHALL B RCUIT BREAKER.
8. PF SN W	ROVIDE FIRE STOPPING AND SMOKE BARRIER SEALING OF AL NOKE BARRIERS AS REQUIRED. REFER TO ARCHITECTURAL F ALLS.
9. PF	ROVIDE NYLON PULL STRING IN ALL EMPTY CONDUIT SYSTEM
10. W	IRE ELECTRIC CLOCKS (CL) TO NEAREST 120V RECEPTACLE THERWISE.
(EP1)	MOUNTED TO PV RACKING SYSTEM.
	MOUNTED TO PV RACKING SYSTEM.
(EP3)	CONDUIT, PROVIDE MOUNTED TO ROOF SUPPORTS PER RO PROVIDE CIRCUITS AS INDICATED ON DRAWINGS AND PV R PROVIDE PV WARNING LABELS.
EP4	(ALTERNATE NO. 7): WALL MOUNTED HIGH VOLTAGE DC WI CONDUIT. PROVIDE PV WARNING LABELS.
	A/V RACK POWER. COORDINATE WITH RACK INSTALLATION
(EP6)	ROOM 2605 (SEE CORRESPONDING ET-SERIES DRAWING FOR DRAWING TL-103 FOR CIRCUIT IDENTIFICATION AND EXACT OUTLETS)
(EP7)	TRENCH FLOOR AND PROVIDE (2) 1" CONDUITS FOR POWEI WIRING IN WALL AND UP TO ABOVE ACCESSIBLE CEILING.
(EP8)	PROVIDE 6#12 + 1#12G IN (1) 1-1/4"C TO (3) 20A-1P CIRCUIT I PANELS IN ELECTRICAL ROOM 2b05 (SEE CORRESPONDING INFORMATION AND DRAWING TL-103 FOR CIRCUIT IDENTIFIC LIGHT PIPE 'PP1'):
	<ul> <li>(2) 20A CIRCUITS IN THEATRICAL STAGE LCP</li> <li>(1) 20A CIRCUIT IN THEATRICAL HOUSE LCP</li> </ul>
(EP9)	PROVIDE 12#8 + 1#8G IN (1) 1 1/2"C TO (6) 20A-1P CIRCUIT B PANELS IN ELECTRICAL ROOM 2b05 (SEE CORRESPONDING INFORMATION AND DRAWING TL-103 FOR CIRCUIT IDENTIFIC FRONT OF HOUSE LIGHT PIPE 'PP2'):
	<ul> <li>(5) 20A CIRCUITS IN THEATRICAL STAGE LCP</li> <li>(1) 20A CIRCUIT IN THEATRICAL HOUSE LCP</li> </ul>
(EP10)	PROVIDE 10#8 +1#8G IN (1) 1 1/4"C TO (5) 20A-1P CIRCUIT BF PANELS IN ELECTRICAL ROOM 2b05 (SEE CORRESPONDING INFORMATION AND DRAWING TL-103 FOR CIRCUIT IDENTIFIC LIGHT PIPE 'PP3'):
	<ul> <li>(4) 20A CIRCUITS IN THEATRICAL STAGE LCP</li> <li>(1) 20A CIRCUIT IN THEATRICAL HOUSE LCP</li> </ul>
(EP11)	POWERED PROJECTOR LIFT CONTROL TO PROJECTOR LIF
EP12	POWERED PROJECTION SCREEN CONTROL TO PROJECTIO
EP13	POWERED PROJECTOR LIFT CONTROL TO PROJECTOR LIF
EP14	POWERED PROJECTION SCREEN CONTROL TO PROJECTIO
EP15	DISCONNECTS D-CON, D-EKPA, D-EKPC AND D-TH TO BE MO DISCONNECT D-EKPC IS SHOWN OFFSET FOR CLARITY ON ABOVE DISCONNECT D-EKPA.
(EP16)	LOCATE JUNCTION BOX FOR LOW VOLTAGE (24 VDC) WIRIN UPPER CABINET AND BELOW CEILING. PROVIDE WITH COV ROUTE 2#16 IN 3/4" C DOWN TO FLOOR BELOW AND UP TO UP LOCATION INTO PEDESTALS WITH PEDESTAL INSTALLA WITH PEDESTAL INTO RECEPTACLE PROVIDED.
EP17	SCIENCE CLASSROOM LAB STATION. PROVIDE JUNCTION E ACCESSIBLE LOCATION, TO BASE PEDESTAL OF CASEWOR TO (2) GFI RECEPTACLES PROVIDED WITH LAB STATION. S UNDERSLAB FOR ON-GRADE LAB STATIONS.
EP18	PROVIDE 2#12, #12G., 3/4"C TO 20A-1P CIRCUIT BREAKER IN CORRESPONDING ET-SERIES DRAWING FOR ADDITIONAL IN CIRCUIT IDENTIFICATION AND EXACT LOCATION OF THEATF
(EP19)	(ALTERNATE NO. 7): PROVIDE 1" IMC (INTERMEDIATE METAL BOTH ENDS BETWEEN PV ROWS - REFER TO PV RISER DIA

 

 INFORMATION.

 (ALTERNATE NO. 7):

 PROVIDE UNISTRUT POST MOUNTED ON THE WALL OF THE ROOF TO MOUNT BOTH THE PV SYSTEM AMBIENT TEMPERATURE SENSOR AND THE IRRADIANCE SENSOR 2'-0" ABOVE THE ADJACENT ROOF LINE. MOUNT BOTTOM OF UNISTRUT NO CLOSER THAN 1'-0" ABOVE TOP OF ROOF AND PROVIDE UNISTRUT STAND-OFFS AS REQUIRED TO PROVIDE SEPERATION FROM ANY ROOF CAPPING/FLASHING.



