	LIGHTING FIXTURE SCHEDULE							
TYPE	Description	MOUNTING	LAMP	VOLT WATT MFR	CATALOG NUMBER	NOTE		
Α	2x2 RECESSED ARCHITECTURAL LED TROFFER WITH CENTER DIFFUSER (3300 LUMENS)	RECESSED/ACT	LED/3500K	120 V 29 W LITHONIA	2ALL2-33L-EZ1-LP835	1		
A2	2x4 RECESSED ARCHITECTURAL LED TROFFER WITH CENTER DIFFUSER (4000 LUMENS)	RECESSED/ACT	LED/3500K	120 V 32 W LITHONIA	2ALL4-40L-EZ1-LP835			
A21	2x4 RECESSED ARCHITECTURAL LED TROFFER WITH CENTER DIFFUSER (6000 LUMENS)	RECESSED/ACT	LED/3500K	120 V 47 W LITHONIA	2ALL4-60L-EZ1-LP835			
AD	2x2 RECESSED ARCHITECTURAL LED TROFFER WITH CENTER DIFFUSER (3300 LUMENS)	RECESSED/GWPD	LED/3500K	120 V 29 W LITHONIA	2ALL2-33L-EZ1-LP835-DGA22	1		
B16	16' LED ARCHITECTURAL LINEAR PENDANT WITH OPEN END CAPS AND AIR CRAFT CABLE MOUNTING (350 LUMENS/FT)	PENDANT	LED/3500K	120 V 132 W LUMENWERX	CAVCPDI-OP-RLO-LED-80-350-500-35-16'-UNV-D-1-53WAC36-*	2		
С	6" OPEN LED DOWNLIGHT (1000 LUMENS)	RECESSED	LED/3500K	120 V 18 W LITHONIA	LDN-35/10-L06-AR-120-TRW			
C1	6" OPEN LED DOWNLIGHT (1500 LUMENS)	RECESSED	LED/3500K	120 V 26 W LITHONIA	LDN-35/15-L06-AR-120-TRW			
C2	6" OPEN LED DOWNLIGHT (2000 LUMENS)	RECESSED	LED/3500K	120 V 35 W LITHONIA	LDN-35/20-L06-AR-120-TRW			
C3	6" OPEN LED WALLWASH DOWNLIGHT (600 LUMENS)	RECESSED	LED/3500K	120 V 12 W LITHONIA	LDN6-35/06-LW6-AR-120-TW	3		
D8	8'Lx7"Dx1 1/2"H LED INDIRECT/DIRECT LINEAR WALL MOUNT (750 LUMENS/FT)	WALL	LED/3500K	120 V 58 W LUMENWERX	REVWSIB-PMO-LED-80-750-35-30-70-8'-UNV-D-1-DMB-*	4		
E8	8'Lx8"Wx1 1/2"H LED INDIRECT/DIRECT LINEAR PENDANT WITH AIR CRAFT CABLE MOUNTING - 30% DOWN/70% UP LIGHT (750 LUMENS/FT)	PENDANT	LED/3500K	120 V 58 W LUMENWERX	REVPSIB-PMO-LED-80-750-35-30-70-8'-UNV-D-1-53WAC36-*	4		
F	2' LED WRAPAROUND (2200 LUMENS)	SURFACE/PENDANT	LED/3500K	120 V 23 W LITHONIA	LBL2 LP835			
F1	4' LED WRAPAROUND (4500 LUMENS)	SURFACE/PENDANT	LED/3500K	120 V 41 W LITHONIA	LBL4 LP835			
G	RECESSED LED PERIMETER LIGHT SYSTEM (500 LUMENS/FT)	RECESSED/ACT	LED/3500K	120 V 0 W LUMENWERX	VIA4RF-HLO-LED-80-500-35-SEE NOTE-UNV-D-1-SEE NOTE-W	5		
GD	RECESSED LED PERIMETER LIGHT SYSTEM (500 LUMENS/FT)	RECESSED/GWPD	LED/3500K	120 V 0 W LUMENWERX	VIA4RF-HLO-LED-80-500-35-SEE NOTE-UNV-D-1-DMF-W	5		
Н	6" SQUARE OPEN LED DOWNLIGHT (1100 LUMENS)	RECESSED	LED/3500K	120 V 14 W PRESCOLITE	LF4SQLEDG4-35K-4SQLED5G4			
H1	6" SQUARE OPEN LED DOWNLIGHT (1100 LUMENS) LISTED FOR DAMP LOCATIONS	RECESSED	LED/4000K	120 V 14 W PRESCOLITE	LF4SQLEDG4-40K-4SQLED5G4			
J4	4'Lx4"W LED RECESSED (2000 LUMENS)	RECESSED	LED/3500K	120 V 20 W LUMENWERX	VIA4RF-HLO-LED-80-500-35-4'-UNV-D-1-SEE NOTE-FLAT BLACK	6		
K	ARCHITECTURAL EXTERIOR WALL PACK (TYPE IV DISTRIBUTION) - IES FULL CUT-OFF LUMINAIR	WALL	LED/4200K	120 V 65 W KIM LIGHTING	WD14D4E35-60L4K120-CC			
L	LINEAR COVE LIGHT (500 LUMENS/FT)	COVE	LED/3500K	120 V 0 W FOCAL POINT	FCOL-HS-500LF-35K-1C-UNV-LD1-CV	9		
M5	5'Lx4"W LED RECESSED (5000 LUMENS)	RECESSED	LED/3500K	120 V 51 W LUMENWERX	VIA4RF-HLO-LED-80-1000-35-5'-UNV-D-1-SEE NOTE-FLAT BLACK	6		
M8	8'Lx4"W LED RECESSED (8000 LUMENS)	RECESSED	LED/3500K	120 V 82 W LUMENWERX	VIA4RF-HLO-LED-80-1000-35-8'-UNV-D-1-SEE NOTE-FLAT BLACK	6		
SL-A	42" TALL SITE LIGHTING BOLLARD (1000 LUMENS)	FREE STANDING	LED/4200K	120 V 25 W KIM LIGHTING	VRB1-20L-4K-UV-*			
SL-B	LED SITE LIGHT WITH SINGLE HEAD (TYPE III DISTRIBUTION) ON ARM - IES FULL CUT-OFF LUMINAIR - 12' ROUND STEEL NON-TAPERED POLE (6000 LUMENS)	FREE STANDING/POLE	LED/4200K	120 V 60 W KIM LIGHTING	1SA-WP9S3E35-60L4K120-*	7		
SL-C	LED SITE LIGHT WITH SINGLE HEAD (TYPE III DISTRIBUTION WITH NEIGHBOR FRIENDLY OPTICS) ON ARM - IES FULL CUT-OFF LUMINAIR - 24' ROUND STEEL NON-TAPERED POLE (6000 LUMENS - TYPE III)	FREE STANDING/POLE	LED/4200K	120 V 60 W KIM LIGHTING	1SA-WP9S3E35-60L4K120-*-NFO	8		
SL-D	LED SITE LIGHT WITH SINGLE HEAD (TYPE IV DISTRIBUTION WITH NEIGHBOR FRIENDLY OPTICS) ON ARM - IES FULL CUT-OFF LUMINAIR - 24' ROUND STEEL NON-TAPERED POLE (4850 LUMENS)	FREE STANDING/POLE	LED/4200K	120 V 60 W KIM LIGHTING	1SA-WP9S4E35-60L4K120-*-NFO	8		

LIGHTING FIXTURE SCHEDULE NOTES:

GENERAL NOTES:

1. ALL LIGHTING FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL HARDWARE, LAMPS, BALLAST/DRIVERS, HANGERS, ETC... FOR A COMPLETE INSTALLATION.

2. ALL FIXTURES SHOWN ON PLANS CONNECTED TO DAYLIGHT HARVESTING SYSTEM OR DIMMABLE SWITCH SHALL BE CAPABLE

OF CONTINUOUS DIMMING FROM A MINIMUM OF 10% TO 100% OF OUTPUT.

3. WITH THE EXCEPTION OF LIGHTING FIXTURE TYPE L, ALL LED FIXTURES SHALL BE EITHER DESIGN LIGHTS CONSORTIUM (DLC) OR ENERGY STAR LISTED. FOR FIXTURES THAT ARE NOT LISTED, A LETTER FROM THE MANUFACTURER SHALL BE PROVIDED STATING THAT THE FIXTURE HAS BEEN SUBMITTED FOR LISTING IN ORDER TO BE REVIEWED FOR APPROVAL

IN THE SUBMITTALS PROCESS.

4. LIGHTING FIXTURES SUBMITTED FOR SUBSTITUTION SHALL CLOSELY REPRESENT THE APPEARANCE AND SCALE OF THE SPECIFIED LIGHTING FIXTURE. ALL SUBSTITUTIONS ARE SUBJECT TO REVIEW BY THE ARCHITECT FOR APPROVAL.

LIGHTING FIXTURE SCHEDULE NOTES: SPECIFIC NOTES:

 ARROWS ADJACENT TO FIXTURE INDICATES ORIENTATION OF CENTER DIFFUSER. 2. 24" PENDANT, FROM CEILING TO BOTTOM OF FIXTURE.

3. AIM AT NEAREST WALL. 4. MOUNT BOTTOM OF FIXTURE 18" DOWN FROM CEILING.

5. MOUNT FIXTURE AGAINST WALL FROM WALL-TO-WALL AS INDICATED. PROVIDE ILLUMINATED CORNERS WHERE INDICATED

IN ASSEMBLY HALL. COORDINATE CEILING TYPE. 5W/LF.
6. COORDINATE INSTALLATION WITH LINEAR WOOD CEILING SYSTEM.

7. PROVIDE 12' TALL 4" ROUND STEEL NON-TAPERED POLE WITH ARM. POLE COLOR SHALL MATCH HEAD. POLE SHALL BE RATED FOR FIXTURE AND ARM EPA RATING WITH 100MPH WIND MINIMUM. PROVIDE POLE BASE COVER. PROVIDE NON-SHRINKING GROUT BETWEEN POLE BASE AND FOUNDATION. 8. PROVIDE 24' TALL 4" ROUND STEEL NON-TAPERED POLE WITH ARM. POLE COLOR SHALL MATCH HEAD. POLE SHALL BE

RATED FOR FIXTURE AND ARM EPA RATING WITH 100MPH WIND MINIMUM. PROVIDE POLE BASE COVER. PROVIDE NON-SHRINKING GROUT BETWEEN POLE BASE AND FOUNDATION.

9. COVE IS 4 1/2" WIDEX2" DEEPXLENGTH (AS DEFINED BY ARCHITECTURAL DETAILS). PROVIDE LIGHTING FIXTURE ENTIRE LENGTH OF COVE AROUND PERIMETER OF SKYLIGHT. COORDINATE WITH ARCHITECTURAL DETAILS.

\*. CUSTOM COLOR BY ARCHITECT.



<u>IT AFF</u> S	YMBOL	DESCRIPTION			
	LP-1,3	HOME RUN TO PANELBOARD - ARROWS		J	JUNCTION BOX
	$\uparrow$ $\uparrow$	INDICATE NUMBER OF CIRCUITS - PROVIDE NUMBER OF CONDUCTORS INDICATED/AS		ㅁ	SAFETY DISCONNECT SWITCH (NON-FUSED)
		REQUIRED TO ALLOW SWITCHING SHOWN			SAFETY DISCONNECT SWITCH (FUSED) - COORDINATE FUSES WITH EQUIPMENT FURNISHED
		— CIRCUIT NUMBER/S			PANELBOARD - SEE SCHEDULES ON E60 SERIES DRAWING
		— PANEL DESIGNATION		### 	SPECIAL CABINET (TYPE DENOTED)
		REFER TO E70 SERIES DRAWING FOR		FACP	FIRE ALARM SYSTEM CONTROL PANEL (RECESSED) AND GRAPHIC MAP
		LOW VOLTAGE LIGHTING CONTROL SYSTEM LEGEND SHOWN ON LOW VOLTAGE LIGHTING	48"	F	FIRE ALARM SYSTEM PULL STATION
		CONTROL DEFINITIONS AND SINGLE LINE RISER DETAIL	94"	図	FIRE ALARM SYSTEM STROBE UNIT - CANDELA POWER (CD) PER NFPA 72 AND AS NOTED - 15/75 WHERE NOT OTHERWISE INDICATED ON PLANS
-		WIRING CONCEALED IN WALL, CEILING OR CONDUIT WIRING IN RACEWAY CONCEALED UNDER	94"	<b>⊠</b> 1∞	FIRE ALARM SYSTEM SPEAKER/STROBE UNIT - CANDELA POWER (CD) PER NFPA 72 AND AS NOTED - 15/75 WHERE NOT OTHERWISE INDICATED ON PLANS
		FLOOR/UNDER GROUND		S FA	FIRE ALARM SYSTEM SPEAKER - CEILING MOUNTED
OTED H	O	WALL MOUNTED LIGHTING FIXTURE		0	FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - DO NOT INSTALL WITHIN FIVE FEET OF A
	0	RECESSED/SURFACE LIGHTING FIXTURE		<u> </u>	MECHANICAL DIFFUSER OR GRILLE
D •	$\vdash$	POLE MOUNTED LIGHTING FIXTURE		©—	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR WITH SAMPLING TUBE
	0	SURFACE LIGHTING FIXTURE			FIRE ALARM SYSTEM ADDRESSABLE RELAY/MONITOR MODULE - PROGRAM AS INDICATED
	•	WALL/PENDANT MOUNTED LIGHTING FIXTURE RECESSED LIGHTING FIXTURE	48"	CR	PROVISIONS FOR ACCESS CONTROL CARD READER - JUNCTION BOX WITH 3/4" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - SEE PROVISIONS FOR ACCESS CONTROL DETAIL ON E70 SERIES DRAWINGS
		EMERGENCY BATTERY LIGHT - RECESSED RETRACTABLE BATTERY UNIT EMERGENCY BATTERY LIGHT - CEILING MOUNT	102"	MD	INTRUSION DETECTION SYSTEM MOTION DETECTOR - JUNCTION BOX WITH 3/4" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - SEE INTRUSION DETECTION SYSTEM RISER ON E50 SERIES DRAWING
ı			48"	H	INTRUSION DETECTION SYSTEM KEY PAD - JUNCTION BOX WITH 3/4" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - SEE INTRUSION DETECTION SYSTEM RISER ON E50 SERIES DRAWING
	₩	WALL MOUNTED EXIT SIGN WITH ARROWS AS INDICATED/HATCH INDICATES FACE		DC	INTRUSION DETECTION SYSTEM DOOR CONTACT - MOUNT IN DOOR FRAME - SEE TYPICAL DOOR SWITCH WITH
	<b>•</b>	CEILING MOUNTED EXIT SIGN WITH ARROWS AS INDICATED/HATCH INDICATES FACE		52	MAGNETIC DOOR SWITCH ON E70 SERIES DRAWING - SEE INTRUSION DETECTION SYSTEM RISER ON E50 SERIES DRAWING
	φ Φ	MOMENTARY SINGLE POLE SWITCH - TOGGLE TYPE MECHANICAL 129 AND SHOWNERS 105A AND 107A		(O)	PROVISIONS FOR CCTV CAMERA - JUNCTION BOX WITH ONE 1" CONDUIT TO ABOVE AN ACCESSIBLE INTERIOR CEILING -
	<b>ኔ</b> ፣	MOMENTARY SINGLE POLE SWITCH (3-WAY)		_	COORDINATE WITH DIVISION 08
	<u>[\$]</u>	LIGHTING CONTROL STATION		A	PROVISIONS FOR ANSUL PULL STATION - SEE ANSUL SYSTEM MANUAL PULL BOX DETAIL ON E70 SERIES DRAWING
	\$LV	LOW VOLTAGE ON/OFF CONTROL STATION - SUBLETTER RELATES SWITCH TO RELAY - SEE LIGHTING CONTROL RELAY SCHEDULE ON E60 SERIES DRAWING - SEE DETAIL ON E70 SERIES DRAWINGS		(#)	RELAY KEY NOTE TAG (SEE SCHEDULE)
	<b>③</b>	VACANCY SENSOR AND POWER PACK - CEILING MOUNTED - PROVIDE NUMBER OF POWER PACKS REQUIRED TO ALLOW FOR NUMBER OF SENSORS AND SWITCHING SHOWN - DASHED LINE INDICATES GROUPING OF SENSORS - SEE DETAIL ON E70 SERIES DRAWINGS SENSORS SHALL BE PART OF LOW VOLTAGE LIGHTING CONTROL SYSTEM WHERE RELAY NUMBER IS LOCATED ADJACENT TO SENSOR AND - SEE LIGHTING CONTROL RELAY SCHEDULE ON 60 SERIES DRAWING - SEE LOW VOLTAGE LIGHTING CONTROL DETAIL ON E70 SERIES DRAWING		WP	WEATHER PROOF
	PC	DAYLIGHT HARVESTING SYSTEM DAYLIGHT SENSOR - CEILING MOUNTED - SEE TYPICAL DAYLIGHT HARVESTING SYSTEM DETAIL ON E70 SERIES DRAWING			
	<b>=</b>	DUPLEX RECEPTACLE - PROVIDE TAMPER RESISTANT WHERE INDICATED ON E20 AND E21 SERIES DRAWINGS - ##" ADJACENT TO SYMBOL INDICATES MOUNTING HEIGHT OTHER THAN 24"			
	<b>=</b> ₩	DOUBLE DUPLEX RECEPTACLE - ##" ADJAENT TO SYMBOL INDICATES MOUNTING HEIGHT OTHER THAN 24"			
	<b>=</b>	DUPLEX GFCI RECEPTACLE - ##" ADJACENT TO SYMBOL INDICATES MOUNTING HEIGHT OTHER THAN 24"			
EQD	-•	SPECIAL RECEPTACLE - COORDINATE NEMA CONFIGURATION AND MOUNTING HEIGHT WITH FURNISHED EQUIPMENT UNLESS NOTED			
	Ø	ONE DATA OUTLET IN JUNCTION BOX WITH SINGLE GANG RAISED RING AND TWO 1" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - NUMBER ADJACENT TO SYMBOL INDICATES QUANTITY OF DATA OUTLETS OTHER THAN ONE - ##" ADJACENT TO SYMBOL INDICATES MOUNTING HEIGHT OTHER THAN 24" - "WAP" INDICATES JACT INTENDED FOR OWNER FURNISHED WIRELESS ACCESS POINT, LOCATE FLUSH IN CEILING WITH 10' OF SLACK			
	<b>▼</b>	ONE VOICE AND ONE DATA OUTLET IN JUNCTION BOX WITH SINGLE GANG RAISED RING AND TWO 1" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - NUMBERS ADJACENT TO SYMBOL INDICATES QUANTITY OF VOICE/DATA OUTLETS OTHER THAN ONE - ##" ADJACENT TO SYMBOL INDICATES MOUNTING HEIGHT OTHER THAN 24"			
	<b></b>	ONE VOICE OUTLET IN JUNCTION BOX WITH SINGLE GANG RAISED RING AND TWO 1" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - NUMBER ADJACENT TO SYMBOL INDICATES QUANTITY OF VOICE OUTLETS OTHER THAN ONE - ##" ADJACENT TO SYMBOL INDICATES MOUNTING HEIGHT OTHER THAN 24"			

	KEY NOTES
CODE	DESCRIPTION
I/O4	DROVIDE FIRE ALARM ADDRESSADLE DELAYMODULE TO CLOSE CAS VALVE ON CENEDAL ALARM (VALVE DEMAINS OPEN ON DRULL)
K01 K02	PROVIDE FIRE ALARM ADDRESSABLE RELAY MODULE TO CLOSE GAS VALVE ON GENERAL ALARM (VALVE REMAINS OPEN ON DRILL).  PROVIDE FIRE ALARM ADDRESSABLE MONITOR MODULE TO MONITOR HOOD FIRE SUPPRESSION SYSTEM.
K02 K03	PROVIDE CONNECTION TO EACH HOOD CONTROL PANEL. COORDINATE CONNECTION/S WITH DIVISION 23 CONTRACTOR.
K04	PROVIDE CONNECTION TO EACH HOOD CONTROL PANEL. COORDINATE CONNECTION/S WITH DIVISION 23 CONTRACTOR.  PROVIDE CONNECTION GARBAGE DISPOSER. LABEL SWITCH.
K05 L01	LOCATE RECEPTACLE TO SERVE DISH WASHER.  PROVIDE DAYLIGHT HARVESTING. SEE DETAIL ON E70 SERIES DRAWING FOR TYPICAL DAYLIGHT HARVESTING DIMMING CONTROL SYSTEM DETAIL.
L02	LOW VOLTAGE LIGHTING CONTROL SYSTEM SHALL ALLOW OCCUPANT TO TURN DESIGNATED LIGHTING SHOWN ON DAYLIGHT HARVESTING SYST LIGHTING ZONE (DESIGNATED WITH "z#" ADJACENT TO FIXTURE) "ON" WHEN DAYLIGHTING HARVESTING SYSTEM ALLOWS AND ALLOW OCCUPANT TURN LIGHTING "OFF" ANYTIME. WIRE TO CIRCUIT INDICATED AT FIXTURE WITH LIGHTING ZONE NUMBER AND HOMERUN.
L03	PROVIDE CONCEALITE EMERGENCY BATTERY UNTIS AND EDGE-LIT EXIT SIGNS IN LOBBY 103 AND ASSEMBLY HALL 126.
L04	COORDINATE LOCATION OF LIGHTING FIXTURES WITH MECHANICAL PIPING, DUCTWORK AND EQUIPMENT.
L05	MINIMUM WIRE SIZE SHALL BE #10 AWG. WIRING SHALL BE CONCEALED.
L06	AUTOMATIC INVERTER EMERGENCY POWER SYSTEM. 150VA, MOUNT FLUSH IN CEILING. WIRE SO UNIT WILL ONLY POWER FIXTURE UPON LOSS (NORMAL POWER (FIXTURES SHALL BE ALLOWED TO BE SWITCHED)
L07	AUTOMATIC INVERTER EMERGENCY POWER SYSTEM. 150VA, SURFACE MOUNT ABOVE DOOR. WIRE SO UNIT WILL ONLY POWER FIXTURE UPON LOSS OF NORMAL POWER (FIXTURES SHALL BE ALLOWED TO BE SWITCHED)
L08	LABEL SWITCH SLVEX: "EXTERIOR LIGHTING OVERRIDE SWITCH". LABEL SWITCH SLVM: "MASTER INTERIOR CORRIDOR SWITCH".
L09	LIGHTING CONTROL FOR ASSEMBLY HALL SHALL BE BROKEN INTO TWO SEPARATE SPACES.
L10	DAYLIGHT HARVESTING SYSTEM SHALL CONTROL ALL THREE LIGHTING ZONES. OCCUPANT SHALL HAVE ABILITY TO CONTROL EACH LIGHTING ZO INDEPENDENTLY.
L11	DAYLIGHT HARVESTING SYSTEM SHALL CONTROL LIGHTING ZONE z2. OCCUPANT SHALL HAVE ABILITY TO CONTROL EACH LIGHTING ZONE INDEPENDENTLY.
L12	DAYLIGHT HARVESTING SYSTEM SHALL CONTROL BOTH LIGHTING ZONES. OCCUPANT SHALL HAVE ABILITY TO CONTROL EACH LIGHTING ZONE INDEPENDENTLY.
L13	DAYLIGHT HARVESTING SYSTEM SHALL CONTROL ROOM LIGHTS. NOTE: IN ROOMS WHERE NO DAYLIGHT SENSOR (NO NATURAL LIGHT) IS SHOWN PROVIDE SAME SYSTEM/CONTROLS AS ROOMS WITH.
L14	PROVIDE LIGHTING CONTROL STATION FOR EACH HALF OF ASSEMBLY HALL. LABEL EACH STATION ACCORDINGLY: "NEAR SIDE", "FAR SIDE".
L15	COORDINATE LOCATION OF ALL DEVICES WITHIN MULTIPURPOSE/LIBRARY WITH ARCHITECT PRIOR TO ROUGH-IN.
L16	COVE FIXTURE SHALL BE ON DAYLIGHT HAVESTING SYSTEM LIGHTING CONTROL ZONE z1.
L17	PROVIDE HIGH BAY VACANCY SENSORS IN ASSEMBLY HALL.
P01	PROVISIONS FOR AI PHONE VIDEO DOOR STATION. PROVIDE 1" CONDUIT FROM AI PHONE MOUNTING BOX TO ABOVE AN ACCESSIBLE CEILING.  MOUNT C/L UP 48".
P02	PROVISIONS FOR AI PHONE VIDEO MASTER STATION. PROVIDE 1" CONDUIT FROM AI PHONE MOUNTING BOX TO ABOVE AN ACCESSIBLE CEILING. MOUNT C/L UP 48". LOCATE RECEPTACLE DIRECTLY UNDER PHONE.
P03 P04	COORDINATE EXACT LOCATION OF RECEPTACLE AND COMMUNICATIONS OUTLETS IN KNEE SPACE WITH MILLWORK DETAIL AND INSTALLER.
PU4	PROVIDE SUSPENDED CEILING KIT (UNIVERSAL PROJECTOR MOUNTING KIT) BY CHIEF MANUFACTURING, MODEL NUMBER: CMA-450 WITH RECEPTACLE MOUNTED FLUSH IN CEILING. MOUNT CMA-450 ON TOP OF ACT TILE. LOCATE APPROXIMATELY 10' FROM DISPLAY WALL WITH 10' OF SLACK WIRE COILED ABOVE.
P05	PROVIDE CONNECTION TO ACCESS CONTROL POWER SUPPLY ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION WITH DIVISION 08.
P06	REFER TO PROVISIONS FOR ACCESS CONTROL DETAIL ON E70 SERIES DRAWINGS FOR ACCESS CONTROL PATHWAYS - RISER #1.
P07	REFER TO PROVISIONS FOR ACCESS CONTROL DETAIL ON E70 SERIES DRAWINGS FOR ACCESS CONTROL PATHWAYS - RISER #2.
P08	REFER TO PROVISIONS FOR ACCESS CONTROL DETAIL ON E70 SERIES DRAWINGS FOR ACCESS CONTROL PATHWAYS - RISER #3.
P09	PROVIDE CONNECTION TO ELECTRICAL HAND DRYER.
P10	COORDINATE LOCATION OF ALL DEVICES WITHIN MULTIPURPOSE/LIBRARY WITH ARCHITECT PROIR TO ROUGH-IN.
P11	LOCATE CARD READER UP 34" AND DOOR OPERATOR PADDLES UP 48".
P12	PROVIDE CONNECTION TO MOTORIZED PROJECTION SCREEN. MOUNT SWITCH UP 48". COORDINATE WITH EQUIPMENT FURNISHED.
P13	ONE DATA AND ONE FAX LINE.
P14	LOCATE TO SERVE ELECTRICAL WATER COOLER.
P15	PROVIDE CONNECTION TO FIRE ALARM BELL. COORDINATE WITH DIVISION 21.
P16	BEGINNING OF HEAT TRACE CIRCUIT. WIRE VIA HEAT TRACE USER INTERFACE LOCATED IN MECHANICAL 129. COORDINATE WITH DIVISION 22.
P17	PROVIDE CONNECTION TO SOIL GAS FAN (RADON FAN) AND CONTROLLER. FAN LOCATED ON ROOF AND CONTROLLER LOCATED WITHIN BUILDIN COORDINATE WITH DIVISION 22.
P18	LOCATE IN CONCEALED LOCATION TO SERVE ELECTRONIC FAUCET. RECEPTACLE SHALL BE GFCI PROTECTED FROM GFCI RECEPTACLE LOCATE IN SAME ROOM.
P19	FIRE ALARM DUCT SMOKE DETECTOR SHALL PROVIDE GENERAL ALARM AND CLOSE ASSOCIATED SMOKE DAMPER. COORDINATE WITH DIVISION
P20	PROVIDE CONNECTION/S TO HVAC UNIT INTERIOR LIGHTING SYSTEM AND RECEPTACLES. COORDINATE WITH DIVISION 23.
P21	PROVIDE CONNECTION TO DIVISION 23 PROVIDED BUILDING AUTOMATION SYSTEM PANEL. COORDINATE WITH DIVISION 23.
P22	PROVISIONS FOR SOUND SYSTEM. JUNCTION BOX WITH SINGLE GANG FACEPLATE AND TWO 1" CONDUIT BACK TO ASSEMBLY SYSTEM SOUND SYSTEM BACKBOX. C/L UP 24".
P23	PROVISIONS FOR SOUND SYSTEM. JUNCTION BOX WITH SINGLE GANG FACEPLATE AND TWO 1" CONDUIT BACK TO ASSEMBLY SYSTEM SOUND SYSTEM BACKBOX. C/L UP 48".
P24	PROVISIONS FOR SOUND SYSTEM SPEAKER. JUNCTION BOX WITH SINGLE GANG FACEPLATE AND ONE 1" CONDUIT BACK TO ASSEMBLY SYSTEM SOUND SYSTEM BACKBOX. CEILING MOUNTED.
P25	PROVIDE CONNECTIONS TO MOTORIZED SHUTTER. SHUTTER SHALL CLOSE ON GENERAL FIRE ALARM. COORDINATE WITH EQUIPMENT FURNISH



			FI FCTRIC	ΔΙ Δ	BBREVIATION	ONS	LIST		
						0110			
1P	1 POLE (2P, 3P, 4P, ETC.)	DCP	DOMESTIC WATER CIRCULATING PUMP	HT HTG	HEIGHT HEATING	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S	SWBD SYM	SWITCHBOARD SYMMETRICAL
Α	AMPERE	DEPT	DEPARTMENT	HTR	HEATER		ASSOCIATION	SYS	SYSTEM
AC	ABOVE COUNTER OR AIR	DET	DETAIL	HV	HIGH VOLTAGE	NFDS	NON-FUSED SAFETY	TEL	TELEPHONE
	CONDITIONER	DIA	DIAMETER	HVAC	HEATING. VENTILATING AND	= 0	DISCONNECT SWITCH	TEL/DATA	TELEPHONE/DATA
ACLG	ABOVE CEILING	DISC	DISCONNECT	111710	AIR CONDITIONING	NIC	NOT IN CONTRACT	TERM	TERMINAL
ADO	AUTOMATIC DOOR OPENER	DIST	DISTRIBUTION	HWP	HYDRONIC WATER PUMP	NL	NIGHT LIGHT	TL	TWIST LOCK
AF	AMP FRAME	DN	DOWN	111441	TITORONIO WATERTOWN	N.O.	NORMALLY OPEN	TR	TAMPER RESISTANT
AFF	ABOVE FINISHED FLOOR	DPR	DAMPER	IC	INTERRUPTING CAPACITY	NPF	NORMAL POWER FACTOR	T-STAT	THERMOSTAT
AFG	ABOVE FINISHED GRADE	DS	SAFETY DISCONNECT SWITCH	IG	ISOLATED GROUND	NTS	NOT TO SCALE	TTC	TELEPHONE TERMINAL
AFI	ARC FAULT CIRCUIT	DT	DOUBLE THROW	IMC	INTERMEDIATE METAL CONDUIT				CABINET
	INTERRUPTER	DWG	DRAWING	INCAND	INCANDESCENT	OH	OVERHEAD	TV	TELEVISION
AHU	AIR HANDLING UNIT			IR	INFRARED	OL	OVERLOADS	TVTC	TELEVISION TERMINAL
AL	ALUMINUM	EC	ELECTRICAL CONTRACTOR	I/W	INTERLOCK WITH				CABINET
ALT	ALTERNATE	ELEC	ELECTRIC, ELECTRICAL			PA	PUBLIC ADDRESS	TYP	TYPICAL
AMP	AMPERE	ELEV	ELEVATOR	J-BOX	JUNCTION BOX	PB	PULL BOX OR PUSHBUTTON		
AMPL	AMPLIFIER	EM	EMERGENCY			PE	PNEUMATIC ELECTRIC	UC	UNDER COUNTER
ANNUN	ANNUNCIATOR	EMS	ENERGY MANAGEMENT SYSTEM	KV	KILOVOLT	PED	PEDESTAL	UE	UNDERGROUND ELECTRIC
APPROX	APPROXIMATELY	EMT	ELECTRICAL METALLIC TUBING	KVA	KILOVOLT-AMPERE	PF	POWER FACTOR	UG	UNDERGROUND
AQ-STAT	AQUASTAT	EP	ELECTRIC PNEUMATIC	KVAR	KILOVOLT-AMPERE REACTIVE	PH	PHASE	UH	UNIT HEATER
ARCH	ARCHITECT, ARCHITECTURAL	EQUIP	EQUIPMENT	KW	KILOWATT	PIV	POST INDICATING VALVE	UT	UNDERGROUND TELEPHON
AS	AMP SWITCH	EWC	ELECTRIC WATER COOLER	KWH	KILOWATT HOUR	PNL	PANEL	UTIL	UTILITY
AS AT	AMP TRIP	EXIST	EXISTING	LAND	RILOWATT HOUR	PP	POWER POLE	UV	UNIT VENTILATOR OR
	AUTOMATIC TRANSFER SWITCH			100	LOCATE OF LOCATION		PAIR	UV	
ATS		EXH FXP	EXHAUST	LOC	LOCATE OR LOCATION	PR			ULTRAVIOLET
AUTO	AUTOMATIC	EXP	EXPLOSION PROOF	LT	LIGHT	PRI	PRIMARY	.,	1.01 T
AUX	AUXILIARY			LTG	LIGHTING	PROJ	PROJECTION	V	VOLT
AV	AUDIO VISUAL	FA	FIRE ALARM	LTNG	LIGHTNING	PRV	POWER ROOF VENTILATOR	VA	VOLT-AMPERES
AWG	AMERICAN WIRE GAUGE	FABP	FIRE ALARM BOOSTER POWER	LV	LOW VOLTAGE	PT	POTENTIAL TRANSFORMER	VDT	VIDEO DISPLAY TERMINAL
			SUPPLY PANEL			PVC	POLYVINYL CHLORIDE	VERT	VERTICAL
BATT	BATTERY	FACP	FIRE ALARM CONTROL PANEL	MAX	MAXIMUM		(CONDUIT)	VFD	VARIABLE FREQUENCY DR
BD	BOARD	FCU	FAN COIL UNIT	MAG.S	MAGNETIC STARTER	PWR	POWER	VOL	VOLUME
BLDG	BUILDING	FIXT	FIXTURE	M/C	MOMENTARY CONTACT				
BMS	BUILDING MANAGEMENT	FLR	FLOOR	MC	MECHANICAL CONTRACTOR	QUAN	QUANTITY	W	WATT
	SYSTEM	FLUOR	FLUORESCENT	MCB	MAIN CIRCUIT BREAKER			W/	WITH
		FU	FUSE	MCC	MOTOR CONTROL CENTER	RCPT	RECEPTACLE	WG	WIRE GUARD
С	CONDUIT	FUDS	FUSED SAFETY DISCONNECT	MDC	MAIN DISTRIBUTION CENTER	REQD	REQUIRED	WH	WATER HEATER
CAB	CABINET		SWITCH	MDP	MAIN DISTRIBUTION PANEL	RM	ROOM	W/O	WITHOUT
CAT	CATALOG		5	MFR	MANUFACTURER	RSC	RIGID STEEL CONDUIT	WP	WEATHERPROOF
CATV	CABLE TELEVISION	GA	GAUGE	MFS	MAIN FUSED DISCONNECT	RTU	ROOF TOP UNIT	***	THE WILLIAM MOOF
CB	CIRCUIT BREAKER	GAL	GALLON	IVII O	SWITCH	MIO	NOOF FOL OWN	XFMR	TRANSFORMER
CCTV	CLOSED CIRCUIT TELEVISION	GALV	GALVANIZED	MH	MANHOLE	SC	SURFACE CONDUIT	XFR	TRANSFER
CKT	CIRCUIT	GC		MIC	MICROPHONE	SEC	SECONDARY	VLL	HANOFER
			GENERAL CONTRACTOR			27.2			
CLG	CEILING	GEN	GENERATOR	MIN	MINIMUM	SHT	SHEET		
COMB	COMBINATION	GFI	GROUND FAULT CIRCUIT	MISC	MISCELLANEOUS	SIM	SIMILAR		
CMPR	COMPRESSOR		INTERRUPTER	MLO	MAIN LUGS ONLY	S/N	SOLID NEUTRAL		
CONN	CONNECTION	GFP	GROUND FAULT PROTECTOR	MMS	MANUAL MOTOR STARTER	SPEC	SPECIFICATION		
CONST	CONSTRUCTION	GND	GROUND	MOA	MULTIOUTLET ASSEMBLY	SPKR	SPEAKER	,	
CONT	CONTINUATION OR	GRS	GALVANIZED RIGID STEEL	MSP	MOTOR STARTER PANELBOARD	SP	SPARE	_	ANGLE
	CONTINUOUS		(CONDUIT)	MSBD	MAIN SWITCHBOARD	SR	SURFACE RACEWAY	@ <b>^</b>	AT
CONTR	CONTRACTOR	GYP BD	GYPSUM BOARD	MT	MOUNT	SS	STAINLESS STEEL	Δ	DELTA
CONV	CONVECTOR			MT.C	EMPTY CONDUIT	SSW	SELECTOR SWITCH	1	FEET
CP	CIRCULATING PUMP	HOA	HANDS-OFF-AUTOMATIC	MTS	MANUAL TRANSFER SWITCH	S/S	STOP/START PUSHBUTTONS	н	INCHES
CRT	CATHODE-RAY TUBE		SWITCH	MTR	MOTOR, MOTORIZED	STA	STATION	#	NUMBER
CT	CURRENT TRANSFORMER	HORIZ	HORIZONTAL			STD	STANDARD	ø	PHASE
CTR	CENTER	HP	HORSEPOWER	N.C.	NORMALLY CLOSED	SURF	SURFACE MOUNTED	Ć.	CENTER LINE
OIIV	OLNILIN	1.07	HONOLI OWLIN	IN.O.	INOLVINIUTE I OFOGED	JUNE	OUNI AOL MOUNTED	VŁ.	OLIVILIA LIIVE



JEWISH COMMUNITY ALLIANCE OF SOUTHERN MAINE

PORTLA	PORTLAND, ME							
Harriman Project No.	15309							
Key Plan	Proj No							

Mark Date Description 03-25-16 CONSTRUCTION DOCUMENTS **Drawing Scales** 

Issues and Revisions

LEGEND, LIGHTING FIXTURE SCHEDULE
AND KEY NOTES

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Drawn By: JMB