

## ADDENDUM NO.1

To Drawings and Specifications dated October 16, 2014, City of San Antonio  
District 2 Library.

Prepared By: OCOLPA

Addendum Date: 11/7/14

This addendum shall be considered part of the Contract Documents for the above-mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents, this Addendum shall govern and take precedence.

Offerors are hereby notified that they shall make any necessary adjustment in their estimates on account of this addendum. It will be construed that each Offeror's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

### **DRAWINGS:**

Item	Reference	Description
MEP1-1	E001	a. Add Types 'W' and 'W1' lighting fixtures as indicated per attached full size Sheet E001. b. Add Type 'K3' lighting fixture as indicated per attached full size Sheet E001.
MEP1-2	E002	a. Revise pull box reference to be 4/E601 in lieu of E/401 as indicated per attached full size Sheet E002. b. Revise underground communications conduit to be 4-4" in lieu of 3-4" conduits as indicated per attached full size Sheet E002.
MEP1-3	E101	a. Add General Note 3 as indicated per attached full size Sheet E101. b. Revise control conduit destination for artistic light j/box to be Storage 124 in lieu of MDF as indicated per attached full size Sheet E101. c. Revise Keyed Note 1 and associated work as indicated per attached full size Sheet E101.
MEP1-4	E102	a. Revise lighting fixture layout as indicated per attached full size Sheet E102.

MEP1-5	E201	<ul style="list-style-type: none"> <li>a. Revise General Note 3 as indicated per attached full size Sheet E201.</li> <li>b. Revise Keyed Note 13 as indicated per attached full size Sheet E201.</li> <li>c. Delete Keyed Note 18 as indicated per attached full size Sheet E201.</li> <li>d. Remove power for folding vertical partition as indicated per attached full size Sheet E201.</li> </ul>
MEP1-6	E301	<ul style="list-style-type: none"> <li>a. Revise Model on 2/E301 to indicate roof planes as indicated per attached full size Sheet E301.</li> <li>b. Revise power for vertical folding partition to be shown as Alternate on 3/E301 as indicated per attached full size Sheet E301.</li> <li>c. Remove receptacle outlets shown on vertical folding partition wall as indicated per attached full size Sheet E301.</li> </ul>

END OF ADDENDUM NO. 1

**LEGEND** (NOTE: ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON DRAWINGS)

<b>FA</b>	<b>LIGHTING</b>	FLUORESCENT LIGHT FIXTURE, LETTER(S) DENOTES TYPE.
<b>OB</b>		INCANDESCENT, FLUORESCENT OR HIGH INTENSITY DISCHARGE LIGHT FIXTURE, LETTER(S) DENOTES TYPE. BRACKET "L" WHEN USED INDICATES WALL MOUNTED.
<b>XA</b>		EXIT LIGHT FIXTURE, LETTER(S) DENOTES TYPE. ARROW(S) WHEN USED, INDICATE DIRECTION OF CHEVRONS. SHADED AREAS INDICATE FACE(S). BRACKET "L" WHEN USED INDICATES WALL MOUNTED.
<b>FB</b>		FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT; OR EQUIPPED WITH BATTERY PACK.
<b>XB</b>		EMERGENCY BATTERY BACKED UNIT EQUIPMENT, W/HEADS AS INDICATED.
<b>S</b>		SINGLE POLE SWITCH, INSTALL 48" AFF UON.
<b>SK</b>		KEYED SINGLE POLE SWITCH, INSTALL 48" AFF UON.
<b>S2</b>		DOUBLE POLE SWITCH, INSTALL 48" AFF UON.
<b>S3</b>		THREE-WAY SWITCH, INSTALL 48" AFF UON.
<b>S4</b>		FOUR-WAY SWITCH, INSTALL 48" AFF UON.
<b>SP</b>		SWITCH AS DESCRIBED ABOVE WITH RED PILOT LIGHT, LIGHTED WHEN "ON" UON, INSTALL 48" AFF UON.
<b>SD</b>		DIMMER, 1000W 0-10V/ELV UON, INSTALL 48" AFF UON.
<b>OS</b>		OCCUPANCY SENSOR SWITCH. COOPER OAC-DT-2000, UON. CEILING MOUNTED, UON. (USE COOPER OAWC-DT-120W FOR WALL MOUNT.)
<b>OR</b>		OCCUPANCY SENSOR SWITCH. COOPER #ONW-D-1001-DMV, WALL MOUNTED IN SWITCH BOX AT 48" AFF UON.
<b>ST</b>		TIMER SWITCH. WATT STOPPER TS-400, WALL MOUNTED IN SWITCH BOX AT 48" AFF UON.
<b>FC</b>		<b>WIRING DEVICES</b>
<b>FC</b>		DUPLEX RECEPTACLE, 18" AFF UON. ("C" INDICATES CEILING MOUNTED). NEMA 5-20R, UON.
<b>FC</b>		DUPLEX RECEPTACLE WITH INTERNAL GROUND FAULT PROTECTION, INSTALL 18" AFF UON. ("WP" INDICATES WEATHERPROOF).
<b>FC</b>		ISOLATED GROUND DUPLEX RECEPTACLE, INSTALL 18" AFF UON.
<b>FC</b>		QUADRUPLX RECEPTACLE AS DESCRIBED ABOVE, 18" AFF UON.
<b>FC</b>		SPECIAL PURPOSE RECEPTACLE, SIZE AND NEMA CONFIGURATION AS INDICATED, INSTALL 18" AFF UON.
<b>FC</b>		RECEPTACLE AS DESCRIBED ABOVE, INSTALLED IN A FLUSH FLOOR BOX.
<b>FC</b>		DUPLEX RECEPTACLE HORIZONTALLY MOUNTED 6" ABOVE COUNTER TOP, UON.
<b>FC</b>		COMBINATION RECEPTACLE AND TELE/DATA OUTLET INSTALLED IN FLUSH FLOOR BOX.
<b>FC</b>		<b>CONDUIT AND WIRE</b>
<b>FC</b>		CONDUIT RUN CONCEALED IN CEILING, WALL, FLOOR, OR ABOVE SUSPENDED CEILING.
<b>FC</b>		CONDUIT RUN IN OR BELOW SLAB OR GROUND.
<b>FC</b>		SWITCH LEG.
<b>FC</b>		HOMERUN TO PANEL AND CIRCUIT DESIGNATION. BRANCH CIRCUIT SHALL BE MINIMUM 3/12 AWG EXCLUDING NEUTRALS AND GROUND, 1/2" U.O.N. ON DRAWINGS OR SPECIFICATIONS.
<b>FC</b>		EMPTY CONDUIT WITH PULLING LINE, SIZE AS INDICATED.
<b>FC</b>		CAPPED CONDUIT.
<b>FC</b>		CONDUIT TURNED UP.
<b>FC</b>		CONDUIT TURNED DOWN.
<b>FC</b>		<b>GROUNDING</b>
<b>FC</b>		3/4" DIAMETER BY 10'-0" LONG COPPER CLAD GROUND ROD.
<b>FC</b>		GROUND CONDUCTOR, SIZE AS INDICATED.
<b>FC</b>		GROUND CONNECTION.
<b>FC</b>		GROUND BUS AS NOTED ON DRAWINGS AND SPECIFICATIONS
<b>FC</b>		<b>SITE</b>
<b>FC</b>		UNDERGROUND PRIMARY ELECTRIC UTILITY
<b>FC</b>		UNDERGROUND SECONDARY ELECTRIC UTILITY
<b>FC</b>		UNDERGROUND TELEPHONE UTILITY
<b>FC</b>		LIGHTING STANDARD WITH LUMINAIRE. LETTERS DENOTE TYPE.
<b>FC</b>		UTILITY POLE
<b>FC</b>		PAD MOUNTED UTILITY SERVICE TRANSFORMER
<b>FC</b>		PRECAST MANHOLE OR HANDHOLE AS INDICATED FOR POWER (P) OR COMMUNICATIONS (C) CABLES. SIZE AS NOTED.
<b>FC</b>		<b>PA AND SOUND SYSTEM</b>
<b>FC</b>		SPEAKER, CEILING MOUNTED. ("V" INDICATES WITH VOLUME CONTROL).
<b>FC</b>		LOCAL SYSTEM SPEAKER: G=GYM, C=CAFETERIA CEILING MTG OR UON WALL MOUNTED SPEAKER.
<b>FC</b>		PUBLIC ADDRESS CONSOLE
<b>FC</b>		AMPLIFIER
<b>FC</b>		INTERCOM MASTER STATION
<b>FC</b>		INTERCOM, WALL MOUNTED
<b>FC</b>		INTERCOM PUSHBUTTON - 48" AFF.
<b>FC</b>		SUBSYSTEM VOLUME CONTROL
<b>FC</b>		MICROPHONE JACK
<b>FC</b>		PUBLIC ADDRESS SPEAKER, INDOOR & OUTDOOR HORN

<b>FC</b>	<b>DISTRIBUTION &amp; CONTROLS</b>	ELECTRICAL PANELBOARD (480Y/277 VOLT).
<b>FC</b>		ELECTRICAL PANELBOARD (208Y/120 VOLT).
<b>FC</b>		ENCLOSED CIRCUIT BREAKER, RATING AND NO. OF POLES AS INDICATED.
<b>FC</b>		NON-FUSED DISCONNECT SWITCH. 30A/3P NEMA 1 UON. 30A = SWITCH RATING, 3P = NO. OF POLES, NEMA 1 = ENCLOSURE STYLE.
<b>FC</b>		FUSED DISCONNECT SWITCH. 30A/3P NEMA 1 UON. FUSE SIZE AS NOTED. 30A = SWITCH RATING, 3P = NO. OF POLES, NEMA 1 = ENCLOSURE STYLE.
<b>FC</b>		MAGNETIC MOTOR STARTER. SIZE 1, NEMA 1 UON.
<b>FC</b>		COMBINATION DISCONNECT AND MAGNETIC STARTER. SIZE 1, NEMA 1 UON.
<b>FC</b>		MANUAL MOTOR STARTER WITH THERMAL OVERLOAD(S) UON, SIZE PER ACTUAL NAMEPLATE RATING.
<b>FC</b>		CONTACTOR, RATING AND NO. OF POLES AS INDICATED.
<b>FC</b>		PHOTO-ELECTRIC SWITCH. INSTALL WITH SENSOR ELEMENT FACING NORTH, FLUSH MOUNTED WHERE POSSIBLE, UON.
<b>FC</b>		TIME SWITCH.
<b>FC</b>		JUNCTION BOX.
<b>FC</b>		MOTOR.
<b>FC</b>		MOTORIZED DAMPER.
<b>FC</b>		TRANSFORMER, RATING AS INDICATED.
<b>FC</b>		CURRENT TRANSFORMER, RATING AND NO. AS INDICATED.
<b>FC</b>		DRAW-OUT POWER CIRCUIT BREAKER, RATING AND NO. OF POLES, AS INDICATED.
<b>FC</b>		THERMAL AND/OR MAGNETIC CIRCUIT BREAKER, RATING AND NO. OF POLES AS INDICATED.
<b>FC</b>		FUSE, RATING AS INDICATED.
<b>FC</b>		SURGE ARRESTER, RATING AS INDICATED.
<b>FC</b>		DIGITAL SOLID STATE MULTI-FUNCTION METER.
<b>FC</b>		UTILITY COMPANY REVENUE METER UON.
<b>FC</b>		PUSHBUTTON, TYPE AS SPECIFIED ON DRAWING.
<b>FC</b>		EQUIPMENT CONNECTION. COORDINATE WITH MANUFACTURERS' REPRESENTATIVE.
<b>FC</b>		SURGE PROTECTION DEVICE SYSTEM.
<b>FC</b>		PULL BOX, SIZE PER NEC, UON.
<b>FC</b>		<b>COMMUNICATIONS AND DATA</b>
<b>FC</b>		TELEPHONE TERMINAL BOARD, 4' X 8' X 3/4" THICK, UON.
<b>FC</b>		TELEPHONE OUTLET. INSTALL 18" AFF UON. 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 1". WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING. P = PARIPOX WITH OUTLET @ 44" AFF; W = WALL MOUNTED @ 48" AFF.
<b>FC</b>		DATA OUTLET. INSTALL 18" AFF UON. 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 1". WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING.
<b>FC</b>		COMBINATION TELEPHONE AND DATA OUTLET. INSTALL 18" AFF UON. 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 1". WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING.
<b>FC</b>		OUTLET AS DESCRIBED ABOVE, INSTALLED IN A FLUSH FLOOR BOX.
<b>FC</b>		OUTLET BOX WITH 1" CONDUIT WITH PULLING LINE STUBBED OUT TO ABOVE ACCESSIBLE CEILING FOR CATV, INSTALL 18" AFF, UON.
<b>FC</b>		<b>CLOCK SYSTEM</b>
<b>FC</b>		CLOCK, WALL MOUNTED AT 96" AFF U.O.N.
<b>FC</b>		DOUBLE FACE CLOCK, WALL MOUNTED AT 96" AFF.
<b>FC</b>		CEILING HUNG CLOCK.
<b>FC</b>		BELL/BUZZER AS NOTED.
<b>FC</b>		CLOCK MASTER CONTROLLER.
<b>FC</b>		<b>FIRE ALARM SYSTEM</b>
<b>FC</b>		FIRE ALARM CONTROL PANEL
<b>FC</b>		FIRE ALARM REMOTE ANNUNCIATOR.
<b>FC</b>		FIRE ALARM MANUAL STATION, INSTALL 48" AFF.
<b>FC</b>		FIRE ALARM AREA SMOKE DETECTOR, INSTALL ON CEILING UON.
<b>FC</b>		DUCT MOUNTED SMOKE DETECTOR.
<b>FC</b>		DUCT MOUNTED SMOKE DETECTOR REMOTE INDICATING LIGHT, INSTALL 54" AFF.
<b>FC</b>		FIRE ALARM FIXED-TEMPERATURE RATE-OF-RISE HEAT DETECTOR, 135°C UON.
<b>FC</b>		FIRE ALARM AUDIO/VISUAL DEVICE, INSTALL 80" AFF, UON.
<b>FC</b>		FIRE ALARM VISUAL DEVICE, INSTALL 80" AFF, UON.
<b>FC</b>		FIRE ALARM AUDIO/VISUAL DEVICE, CEILING MOUNTED, UON.
<b>FC</b>		FIRE ALARM VISUAL DEVICE, CEILING MOUNTED, UON.
<b>FC</b>		SPRINKLER SYSTEM FLOW SWITCH BY DIVISION 15.
<b>FC</b>		SPRINKLER SYSTEM SUPERVISORY SWITCH BY DIVISION 15.
<b>FC</b>		COMBINATION FIRE AND SMOKE DAMPER BY DIVISION 15.
<b>FC</b>		MAGNETIC DOOR HOLDER.
<b>FC</b>		FIREFIGHTERS EMERGENCY PHONE JACK. INSTALL 44" AFF.

**LIGHTING FIXTURE SCHEDULE**

**NOTE:** IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM COMPATIBILITY BETWEEN THE CEILING TYPE, AS DEFINED ON THE ARCHITECTURAL ROOM FINISH SCHEDULE, AND THE LIGHT FIXTURE TRIM AS DEFINED ON THE FIXTURE SCHEDULE. NO CHANGES OR DEVIATIONS SHALL BE MADE FROM THE CONTRACT DOCUMENTS, HOWEVER, WITHOUT WRITTEN APPROVAL OF THE ENGINEER/ARCHITECT.

TYPE	MANUFACTURER AND MODEL NUMBER	LAMPS	VA	VOLTAGE	DESCRIPTION	REMARKS
A	COOPER #24SR-LD1-48-C-UNV-LB40-CD-1	LED'S 4000K	-	UNV	2X4 LED GRID TROFFER	PROVIDE EMERGENCY BALLAST WHERE INDICATED.
B	COOPER #LD6A-20-D010TE-ERW6A20-80-40-6LW1-HWF	LED'S 4000K	-	UNV	6" RECESSED CAN LED DOWNLIGHT	PROVIDE EMERGENCY BALLAST WHERE INDICATED.
C4	ALIGHTS #05-4-LH(2 BOARD)-40-U-H-T6-XX(FINISH)-D	LED'S 4000K	-	UNV	TECHZONE RECESSED MOUNTED 4'-0" LINEAR LED DOWNLIGHT	PROVIDE 4'-0" SECTIONS AS INDICATED ON SHEET E102. CBA = COLOR BY ARCHITECT.
C8	ALIGHTS #05-8-LH(2 BOARD)-40-U-H-T6-XX(FINISH)-D	LED'S 4000K	-	UNV	TECHZONE RECESSED MOUNTED 8'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 8'-0" SECTIONS AS INDICATED ON SHEET E102. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA = COLOR BY ARCHITECT.
C12	ALIGHTS #05-12-LH(2 BOARD)-40-U-H-T6-XX(FINISH)-D	LED'S 4000K	-	UNV	TECHZONE RECESSED MOUNTED 12'-0" LINEAR LED DOWNLIGHT	PROVIDE 12'-0" SECTIONS AS INDICATED ON SHEET E102. CBA = COLOR BY ARCHITECT.
D8	ALIGHTS #05-8-LH-40-U-H-T6-XX(FINISH)-D	LED'S 4000K	-	UNV	TECHZONE RECESSED MOUNTED 8'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 8'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA = COLOR BY ARCHITECT.
D20	ALIGHTS #05-R20-LH-40-U-H-T6-XX(FINISH)-D	LED'S 4000K	-	UNV	TECHZONE RECESSED MOUNTED 20'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE (2) 8'-0" SECTIONS, (1) 4'-0" SECTIONS AS INDICATED ON E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA=COLOR BY ARCHITECT.
D24	ALIGHTS #05-R18-LH-40-U-H-T6-XX(FINISH)-D	LED'S 4000K	-	UNV	TECHZONE RECESSED MOUNTED 24'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE (3) 8'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA = COLOR BY ARCHITECT.
E8	ALIGHTS #05-8-LH-40-U-H-F-XX(FINISH)-D	LED'S 4000K	-	UNV	SURFACE MOUNTED 8'-0" LINEAR LED DOWNLIGHT	PROVIDE 8'-0" SECTIONS AS INDICATED ON SHEET E101. CBA = COLOR BY ARCHITECT.
E10	ALIGHTS #05-M120-LH-40-U-H-F-XX(FINISH)-D	LED'S 4000K	-	UNV	SURFACE MOUNTED 10'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 10'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA=COLOR BY ARCHITECT.
E12	ALIGHTS #05-12-LH-40-U-H-F-XX(FINISH)-D	LED'S 4000K	-	UNV	SURFACE MOUNTED 12'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 12'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA = COLOR BY ARCHITECT.
E18	ALIGHTS #05-M216-LH-40-U-H-F-XX(FINISH)-D	LED'S 4000K	-	UNV	SURFACE MOUNTED 18'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 18'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA=COLOR BY ARCHITECT.
G4	ALIGHTS #05-4-LH-40-U-H-G-XX(FINISH)-D	LED'S 4000K	-	UNV	RECESSED MOUNTED 4'-0" LINEAR LED DOWNLIGHT	PROVIDE 4'-0" SECTIONS AS INDICATED ON SHEET E101. CBA = COLOR BY ARCHITECT.
G6	ALIGHTS #05-M72-LH-40-U-H-G-XX(FINISH)-D	LED'S 4000K	-	UNV	RECESSED MOUNTED 6'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 6'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA = COLOR BY ARCHITECT.
G8	ALIGHTS #05-8-LH-40-U-H-G-XX(FINISH)-D	LED'S 4000K	-	UNV	RECESSED MOUNTED 8'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 8'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE DIMMING IS INDICATED. CBA = COLOR BY ARCHITECT.
G12	ALIGHTS #05-12-LH-40-U-H-G-XX(FINISH)-D	LED'S 4000K	-	UNV	RECESSED MOUNTED 12'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING	PROVIDE 12'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER. CBA = COLOR BY ARCHITECT.
G14	ALIGHTS #05-M168-LH-40-U-H-G-XX(FINISH)-D	LED'S 4000K	-	UNV	RECESSED MOUNTED 14'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING	PROVIDE 14'-0" SECTIONS AS INDICATED ON SHEET E101. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER. CBA = COLOR BY ARCHITECT.
H10	ALIGHTS #05-LCW24X96-LH-40-U-H-G-XX(FINISH)-D	LED'S 4000K	-	UNV	CONTINUOUS RECESSED MOUNTED 2'-0" VERTICAL WALL X 8'-0" HORIZONTAL CEILING LINEAR LED DOWNLIGHT	CBA = COLOR BY ARCHITECT.
H12	ALIGHTS #05-LCW48X96-LH-40-U-H-G-XX(FINISH)-D	LED'S 4000K	-	UNV	CONTINUOUS RECESSED MOUNTED 4'-0" VERTICAL WALL X 8'-0" HORIZONTAL CEILING LINEAR LED DOWNLIGHT	CBA = COLOR BY ARCHITECT.
J	CAMMAN #P8743-28-MVT-WA-XX(FINISH)-XX(OPTIONS)	LED'S 4000K	-	UNV	28" DECORATIVE LED PENDANT	CBA = COLOR BY ARCHITECT.
K1	METALUX #SNLED-LD1-44-UNV-LW-XX(OPTIONS)-LB40-CD-1-SCF	LED'S 4000K	-	UNV	4'-0" FIXED STEM LED STRIPLIGHT	PROVIDE EMERGENCY BALLAST WHERE INDICATED.
K2	METALUX #SNLED-LD1-44-UNV-LW-XX(OPTIONS)-LB40-CD-1	LED'S 4000K	-	UNV	4'-0" SURFACE MOUNTED LED STRIPLIGHT	
K3	METALUX #V73-232-DR-UNV-E8B-1-WL	2-F32 T8 4000K	-	UNV	4' LINEAR W/ GASKETED ENCLOSURE	
L4	ALIGHTS #05-4-LH-40-U-H-F-XX(FINISH)-D-Q	LED'S 4000K	-	UNV	WET LABELED SURFACE MOUNTED 4'-0" LINEAR LED DOWNLIGHT	PROVIDE 4'-0" SECTIONS AS INDICATED ON SHEET E1.2. CBA = COLOR BY ARCHITECT.
L8	ALIGHTS #05-8-LH-40-U-H-F-XX(FINISH)-D-Q	LED'S 4000K	-	UNV	WET LABELED SURFACE MOUNTED 8'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING	PROVIDE 8'-0" SECTIONS AS INDICATED ON SHEET E1.2. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER. CBA = COLOR BY ARCHITECT.
L12	ALIGHTS #05-12-LH-40-U-H-F-XX(FINISH)-D-Q	LED'S 4000K	-	UNV	WET LABELED SURFACE MOUNTED 12'-0" LINEAR LED DOWNLIGHT WITH 0-10V DIMMING WHERE INDICATED.	PROVIDE 12'-0" SECTIONS AS INDICATED ON SHEET E1.2. PROVIDE LOW VOLTAGE DIMMING CONNECTIONS TO EACH DRIVER WHERE INDICATED. CBA = COLOR BY ARCHITECT.
M	LUMARK #XTORSA-XX(FINISH)-XX(OPTIONS)	LED'S 5000K	-	UNV	LED WALL PACK	
N	LUMIERE #904-UD-10LED4041-12-XX(FINISH)-XX(OPTIONS)	LED'S 4000K	-	12V	WET LABELED LED WALL SCONCE	

**NOTES:**

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM COMPATIBILITY BETWEEN THE CEILING TYPE, AS DEFINED ON THE ARCHITECTURAL ROOM FINISH SCHEDULE, AND THE LIGHT FIXTURE TRIM AS DEFINED ON THE FIXTURE SCHEDULE. NO CHANGES OR DEVIATIONS SHALL BE MADE FROM THE CONTRACT DOCUMENTS, HOWEVER, WITHOUT WRITTEN APPROVAL OF THE ENGINEER/ARCHITECT.
- EQUIVALENT PRODUCTS FROM THE FOLLOWING MANUFACTURERS MAY BE ACCEPTABLE AS ALTERNATE SUBSTITUTIONS: (SUBSTITUTE PRODUCTS SHALL HAVE SUFFICIENT DATA) US/COLUMBIA, HUBBELL, COOPER/METALUX, GENLYTE/LIGHTOLIER, LITHONIA, LUMINAIRE, KIM, GARCO, WILLIAMS, DAYBRITE. REFER ALSO TO SPECIFICATION 26 51 00.
- FINAL RAL COLOR FINISH ON ALL LIGHTING FIXTURES WILL BE DETERMINED BY ARCHITECT DURING SUBMITTAL REVIEW.

**LIGHTING FIXTURE SCHEDULE**

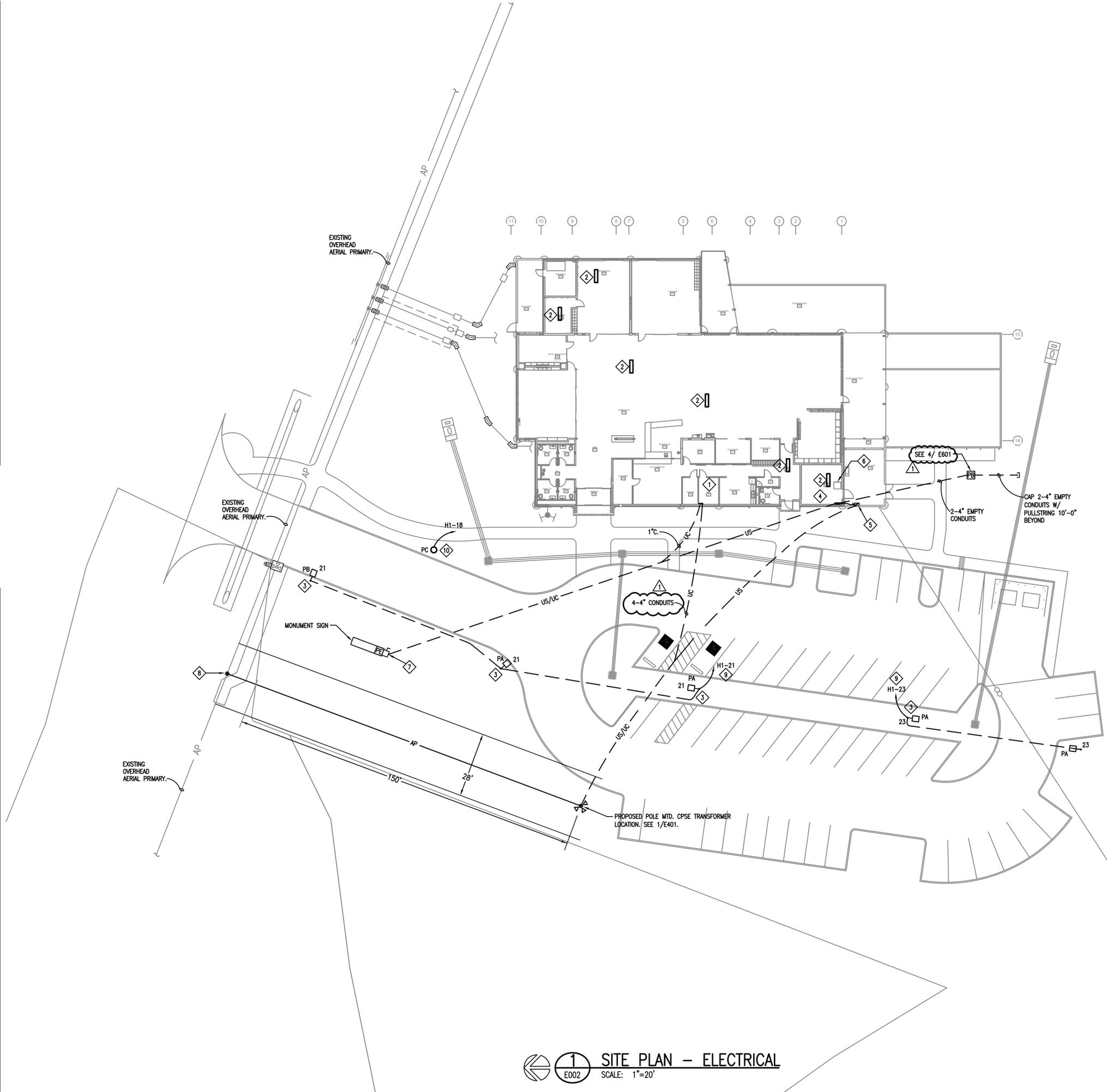
**NOTE:** IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM COMPATIBILITY BETWEEN THE CEILING TYPE, AS DEFINED ON THE ARCHITECTURAL ROOM FINISH SCHEDULE, AND THE LIGHT FIXTURE TRIM AS DEFINED ON THE FIXTURE SCHEDULE. NO CHANGES OR DEVIATIONS SHALL BE MADE FROM THE CONTRACT DOCUMENTS, HOWEVER, WITHOUT WRITTEN APPROVAL OF THE ENGINEER/ARCHITECT.

TYPE	MANUFACTURER AND MODEL NUMBER	LAMPS	VA	VOLTAGE	DESCRIPTION	REMARKS
PA	COOPER #GLEON-AE-10-LED-E1-5W0-BZ COOPER #SSS-5-A-25-5-XX(FINISH)-N-1-16-V	LED'S 4000K	-	120-277	LED SINGLE HEAD SITE LIGHT FIXTURE WITH 16" EXTENDED ARM, TYPE V DISTRIBUTION, ON 25'-0" SQUARE STEEL POLE.	
PB	COOPER #GLEON-AE-04-LED-E1-SL3-BZ COOPER #SSS-5-A-25-5-XX(FINISH)-N-1-16-V	LED'S 4000K	-	120-277	LED SINGLE HEAD SITE LIGHT FIXTURE WITH 7" EXTENDED ARM, TYPE I DISTRIBUTION, ON 25'-0" SQUARE STEEL POLE.	
PC	POLE LED #24-2300-24VDC-23	LED'S 5000K	-	24V	POLE MOUNTED 2300 LUMEN LED FLAG LIGHT WITH 23'-0" CABLE. FOR 4.00"-5.00" POLE DIAM. AND 5 YEAR WARRANTY.	
R	COOPER #LD8A-60-XX(VOLTAGE)-D010TE-ER8A60840-8L1HWF	LED'S 4000K	-	120-277	8" RECESSED CAN LED DOWNLIGHT WITH 0-10V DIMMING	
S	CALI #ALS450T-SF-XX(FINISH)-LED-4.0K-XX(BEAM SPREAD)-18WDM-HO-XX(FEED)-WET-7'X5'	LED'S 4000K	-	120	WET LISTED LINEAR LED SIGN LIGHT	
T	COOPER #XTOR2A-WG/XTOR	LED'S 5000K	-	277	WET LISTED LED EXTERIOR WALL SCONCE.	COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
U	LUMINIS #W110-C96-L216W5-CBA-FS	LED'S 4000K	-	65	8'-0" WET LISTED LINEAR LED BOLLARD.	CBA = COLOR BY ARCHITECT.
V	TECHLIGHTING #700TSD0CP-M-24-W-W #700TDMR-11-W #700TDSWG-W	LED A19	-	120	11-LED ARCHITECTURAL SUSPENDED CANOPY LIGHT	CBA = COLOR BY ARCHITECT.
W	CALI #LLED100-3.3W-LED-4.0K-WET	LED'S 4000K	-	120/24V	LINEAR, WET LOCATION, ACCENT LED LIGHTING FIXTURE FOR EXTERIOR SIGNAGE IN BUILT TO ORDER LENGTHS 3.3W/FT	PROVIDE (2) 4'-0", (2) 5'-0", (2) 7'-0" LENGTHS. COORDINATE WITH ARCHITECT AND SIGNAGE PRIOR TO ORDER.
W1	CALI #ALS250T-LP-SA-4.0-1200-8W-HO-EF-WET	LED'S 4000K	-	120/24V	LINEAR, WET LOCATION, ACCENT LED LIGHTING FIXTURE FOR EXTERIOR SIGNAGE IN BUILT TO ORDER LENGTHS 8.0W/FT	PROVIDE (2) 2'-6", (2) 6'-0" LENGTHS. COORDINATE WITH ARCHITECT AND SIGNAGE PRIOR TO ORDER.
XA	EVENLITE #TELESIS-TEX-AC-G-XX	LED'S	-	120/12V	LED EXIT SIGN, WALL OR CEILING MOUNTED, WITH GREEN LETTERING, SELF DIAGNOSTICS. AC ONLY.	
XA2	EVENLITE #TELESIS-TEX-EM-G-XX	LED'S	-	120/12V	LED EXIT SIGN, WALL OR CEILING MOUNTED, WITH GREEN LETTERING, SELF DIAGNOSTICS, AND EMERGENCY BATTERY PACK.	

**ABBREVIATIONS**

<b>A</b>	<b>AMPERE</b>	<b>P</b>	<b>PHASE</b>
<b>AF</b>	<b>AMP FRAME/AMP FUSE</b>	<b>PNL</b>	<b>PANELBOARD</b>
<b>AFG</b>	<b>ABOVE FINISHED GRADE</b>	<b>R</b>	<b>RECEPTACLE</b>
<b>AHU</b>	<b>AIR HANDLING UNIT</b>	<b>REQ'D</b>	<b>REQUIRED</b>
<b>AIC</b>	<b>AMPERE INTERRUPTING CAPACITY</b>	<b>RTU</b>	<b>ROOF TOP UNIT</b>
<b>ANSI</b>	<b>AMERICAN NATIONAL STANDARDS INSTITUTE</b>	<b>S</b>	<b>SC</b>
<b>AW</b>	<b>AMP TRIP</b>	<b>SC</b>	<b>SPLIT BRANCH CIRCUIT INDICATES REFERENCED BRANCH CIRCUIT HAS MORE THAN ONE HOMERUN DESIGNATION SHOWN</b>
<b>ATG</b>	<b>AMERICAN WIRE GAUGE</b>	<b>T</b>	<b>TEL</b>
<b>B</b>	<b>BELOW FINISHED GRADE</b>	<b>TV</b>	<b>TELEVISION</b>
<b>BFS</b>	<b>BOLTED PRESSURE SWITCH</b>	<b>TYP</b>	<b>TYPICAL</b>
<b>C</b>	<b>CONDUIT</b>	<b>U&lt;/</b>	

BINDING EDGE



**GENERAL NOTES**

- CONTRACTOR TO ADJUST RACEWAY ROUTING, LOCATIONS AND HANDHOLE LOCATIONS AS REQUIRED TO SUIT FIELD CONDITIONS.
- MARKING TAPE SHALL BE INSTALLED 12" ABOVE ALL UNDERGROUND PVC CONDUIT INSTALLATION.

**KEYED NOTES**

- SEE SHEET T3.00 FOR COMMUNICATIONS CONDUITS LAYOUT IN MDF ROOM.
- PROVIDE TYPE K3 LIGHTING FIXTURES SECURED TO UNDERFLOOR STRUCTURE. CONNECT TO H1-14 WITH 2#10, 1#12GND, 1/2" C. COORDINATE NEW LIGHTING W/ HVAC AND PLUMBING PIPING.
- PROVIDE POLE BASE FOOTING FOR LIGHT POLE. REFER TO 5/E501.
- SEE SHEET E201 FOR POWER CONDUIT LAYOUT IN MECH. ROOM 129.
- BUILDING SERVICE DISCONNECT. REFER TO ONE-LINE DIAGRAM, SHEET E401.
- CRAWL SPACE HATCH. PROVIDE SWITCH WITH PILOT LIGHT AT ENTRANCE OF CRAWL SPACE FOR CONTROL OF NEW CRAWL SPACE LTG. SEE KEYED NOTE 11 THIS SHEET. PROVIDE LABEL ON SWITCH "CRAWL SPACE LIGHTING".
- PROVIDE 30A, 2P, NF, NEMA 3R DISCONNECT SWITCH FOR MONUMENT SIGN POWER. 2#10, #12GND, 1" C. CONNECT TO H1-17 VIA TIME SWITCH CONTROLLED CONTACTOR. PHOTOCELL "ON", TIME SWITCH "OFF".
- PROPOSED CPS ENERGY RISER POLE.
- 2#10, 1#12GND, 1" C. FOR SITE LTG. VIA TIME SWITCH CONTROLLED CONTACTOR.
- 2#12, 1#12GND, 1" C. FOR FLAG POLE LIGHT VIA TIME SWITCH CONTROLLED CONTACTOR.

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Submittal	Date	Revision	Date
		AM 1	11-07-14
		ADDENDUM 1	

Job No. 99022  
 Date OCTOBER 17, 2014  
 Checked by Staff  
 Scale AS NOTED

SITE PLAN - ELECTRICAL

E002

**1 SITE PLAN - ELECTRICAL**  
 E002 SCALE: 1"=20'







