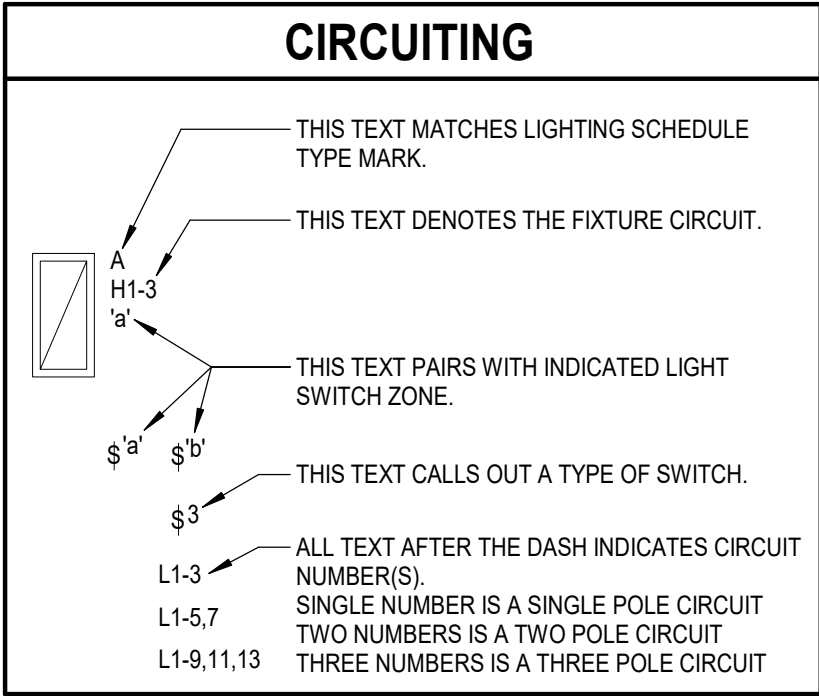


LIGHTING FIXTURE SCHEDULE										
Type Mark	CATALOG NUMBER		MOUNTING	LAMP TYPE	CCT	CRI	VOLTAGE	LOAD	REMARKS	
	MANUFACTURER	MODEL								
A1	METALUX	24CGT4535C	RECESSED	4268L LED	3500K	80	120	39 W	2' X 4' LED TROFFER, DAMP RATED, 0-10V DIMMING.	
A1E	METALUX	24CGT4535C-EL7W	RECESSED	4268L LED	3500K	80	120	39 W	SAME AS A1 WITH 90 MINUTE BATTERY BACKUP.	
C1E	HALO COMM	HC610D010REM7 HM60525835 61MDC	RECESSED	1000L LED	3500K	80	120	10 W	6-INCH MEDIUM BEAM 60 DEGREE OPEN DOWNLIGHT, 0-10V DIMMING.	
EX1	SURE-LITES	LPX7RSF	UNIVERSAL	N/A	3500K	80	120	11 W	UNIVERSAL LED EXIT SIGN WITH WHITE HOUSING, RED LETTERING AND EMERGENCY BATTERY BACK-UP.	
S1	METALUX	4SLSTP5LC-UNV	UNIVERSAL	5802L LED	3500K	80	120	48 W	4' LED STRIP FIXTURE, DAMP RATED, 0-10V DIMMING.	
V1	METALUX	2BCLED-LD4-16SL-F-UNV-L835-CD1-U	WALL	1607L LED	3500K	80	120	18 W	2' LED VANITY FIXTURE, WET LISTED.	
W1	VERSALED LIGHTING	WP38-C-1L-QT-MCT-WT	WALL	3811L LED	3000 K	80	120	30 W	EXTERIOR RATED WALLPACK.	
W2	LUMINAIRE LED	BLD-24IN-MIN10-35W-30K-MVOLT-DP-BLK-EM B310ST	SURFACE	1907L LED	3000 K	80	120	20 W	2' MULLION MOUNT LED, 90 MINUTE BATTERY BACK-UP.	
GENERAL NOTES:										
EQUIVALENT ALTERNATE LIGHT FIXTURES MAY BE PROVIDED FOR BIDDING PURPOSES. THE ENGINEER DOES NOT TAKE RESPONSIBILITY FOR ENSURING ALTERNATE LIGHT FIXTURES USED FOR BIDDING ARE EQUAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALTERNATE FIXTURES ARE EQUIVALENT TO THOSE SPECIFIED PRIOR TO BID. THE WINNING BID PACKAGE SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW IN ACCORDANCE WITH THE SPECIFICATIONS.										

SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)	SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)		MISCELLANEOUS EQUIPMENT	
	LIGHT FIXTURE		FIRE ALARM CONTROL PANEL
	FIXTURE ON EMERGENCY CIRCUIT OR BATTERY BACK-UP		FIRE ALARM REMOTE ANNUNCIATOR
	DOWNLIGHT FIXTURE		TRANSFORMER FOR DOOR BELL/BUZZER
	LIGHT FIXTURE - WALL MOUNTED		CHIME/BUZZER
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT	MOTOR CONTROLLERS AND EQUIPMENT	
	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT		MOTOR, MAKE FINAL MOTOR CONNECTION
	EXIT LIGHT-CEILING MTD WITH DIRECTIONAL ARROWS AS REQUIRED		3-PHASE MOTOR, MAKE FINAL MOTOR CONNECTION
	EXIT LIGHT-WALL MTD WITH DIRECTIONAL ARROWS AS REQUIRED		DISCONNECT SWITCH AS REQUIRED
SWITCHES			FUSED DISCONNECT SWITCH AS REQUIRED
	SINGLE POLE SWITCH		COMBINATION MOTOR STARTER/DISCONNECT SWITCH AS REQUIRED
	2-POLE SWITCH		MOTOR STARTER
	3-WAY SWITCH		MANUAL MOTOR SWITCH AS REQUIRED
	4-WAY SWITCH		PREWIRED DEVICE, MAKE ELECTRICAL FINAL CONNECTIONS
	KEYED SWITCH		VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
	KEYED 3-WAY SWITCH	ELECTRICAL EQUIPMENT	
	WALL DIMMER SWITCH, SIZE AND TYPE AS REQUIRED		ELECTRICAL DISTRIBUTION OR PANELBOARD
	WALL MOUNTED DIMMER SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.		DRY TYPE TRANSFORMER
	WALL MOUNTED SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.	CIRCUITING	
	WALL MOUNTED SWITCH WITH VACANCY SENSOR, AUTO ON / AUTO OFF.		CONDUIT
	SWITCH WITH PILOT LIGHT		CONDUIT BELOW FLOOR, SLAB, OR GRADE
	MOMENTARY CONTACT SWITCH	SUBSCRIPTS AND ABBREVIATIONS	
	PUSH BUTTON	WG	INDICATES WIREGUARD
	6-HOUR TIMER SWITCH WITH HOLD	H	INDICATES HORIZONTAL
	6-HOUR TIMER SWITCH WITH NO HOLD	TL	INDICATES TWIST LOCK
	20 AMP GENERATOR TRANSFER DEVICE	NL	LIGHT FIXTURE ON NIGHT LIGHT CIRCUIT
	WIRELESS SWITCH	ERMS	ENERGY REDUCTION MAINTENANCE SWITCH
LOW VOLTAGE LIGHTING CONTROLS		1-L	REFER TO ONE-LINE DIAGRAM
	LOW VOLTAGE LIGHTING CONTROLLER WALL SWITCH	1-	INDICATES WALL MOUNTED DEVICE
	BACS TIMER LOCAL OVERRIDE SWITCH	AC	ABOVE COUNTERTOP
	CEILING MOUNTED PHOTO SENSOR	AFF	ABOVE FINISH FLOOR
	CEILING MOUNTED VACANCY SENSOR, MANUAL ON / AUTO OFF	AFG	ABOVE FINISH GRADE
	CEILING MOUNTED OCCUPANCY SENSOR, AUTO ON / AUTO OFF	ANNC	ANNUNCIATOR
	LIGHTING CONTROLLER WITH GTD, ZONES AS REQUIRED.	CC	CONTROLS CONTRACTOR
RECEPTACLES AND OUTLETS		DF	DRINKING FOUNTAIN
	SIMPLEX RECEPTACLE	EC	ELECTRICAL CONTRACTOR
	DUPLEX RECEPTACLE	EF	EXHAUST FAN
	POWER POLE	ERMS	ENERGY REDUCTION MAINTENANCE SWITCH
	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE	EXR	EXISTING RELOCATED
	CEILING MOUNTED RECEPTACLE	GC	GENERAL CONTRACTOR
	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE	GFI	GROUND FAULT INTERRUPT
	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE.	HP	HORSEPOWER
	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE	IBC	INTERNATIONAL BUILDING CODE
	FLUSH FLOOR CONCEALED SERVICE DUPLEX RECEPTACLE OUTLET	IG	ISOLATED GROUND
	FLUSH FLOOR CONCEALED SERVICE DOUBLE DUPLEX RECEPTACLE OUTLET	LSIG	LONG TIME, SHORT TIME, INSTANTAEOUS, AND GROUND
	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH WIRING DEVICES AS INDICATED ON DRAWINGS. SIZE TO MATCH DEVICE QUANTITIES.	LV	LOW VOLTAGE
	REMOTE BLANK FACE GFCI DEVICE.	LVRP	LV RELAY PANEL
	PROVIDE DUPLEX RECEPTACLE WITH (2) USB CHARGING PORTS.	MC	MECHANICAL CONTRACTOR
	E.C. TO PROVIDE ROUGH-IN FOR CARD READER JUNCTION BOX. REFER TO TECHNOLOGY SHEETS FOR ADDITIONAL INFORMATION.	MCA	MINIMUM CIRCUIT AMPS
	SWITCH CONTROLLED RECEPTACLE WITH THE TOP RECEPTACLE LOAD CONTROLLED VIA PLUG LOAD SWITCH MEETING 2021 IECC 405.11 REQUIREMENTS. SPLIT LOAD-CONTROLLED RECEPTACLES SHALL BE PERMANENTLY FACTORY MARKED AS CONTROLLED.	MDP	MAIN DISTRIBUTION PANEL
	ELECTRICAL CONNECTION	MCB	MAIN CIRCUIT BREAKER
	ELECTRICAL J-BOX CONNECTION	MLO	MAIN LUG ONLY
	KEYED NOTE	MTD	MOUNTED
		NIC	NOT IN CONTRACT
		OCC	OCCUPANCY
		PC	PLUMBING CONTRACTOR
		PNL	PANEL
		SPST	SINGLE POLE SINGLE THROW
		TTB	TELEPHONE TERMINAL BOARD
		TYP	TYPICAL
		WG	WIRE GUARD
		WP	WEATHER PROOF
		20A	20 AMP
		ø	PHASE
		3W	3 WIRE
		1P20A	SINGLE POLE 20 AMP
		•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES.
GENERAL NOTES:			
1. ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT AND DEVICES TO BE WEATHERPROOF NEMA-3R MINIMUM.			



GENERAL ELECTRICAL NOTES
1. CONTRACTOR TO VERIFY EXISTING ELECTRICAL CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY ELECTRICAL OR CODE ISSUES PRIOR TO BID. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL CODE COMPLIANT SYSTEM.
2. ALL WORK SHALL BE IN CONFORMANCE WITH NATIONAL, STATE, AND LOCAL CODES AND/OR ORDINANCES.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS & LOCAL UTILITY. E.C. SHALL CONTACT LOCAL UTILITY FOR EXACT SERVICE REQUIREMENTS TO INCLUDE BUT NOT LIMITED TO TRANSFORMER, METERING AND CABLING. LOCAL UTILITY REQUIREMENTS SUPERSEDE DRAWINGS AND SPECIFICATIONS.
4. SEE ARCHITECTURAL, MECHANICAL, & PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
5. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. THEY ARE INTENDED TO GIVE APPROXIMATE LOCATIONS AND OVERALL DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCTS, MATERIALS, AND ELECTRICAL METHODS WHICH HAVE NOT BEEN SHOWN OR INDICATED BUT ARE REQUIRED FOR A COMPLETE SYSTEM TO THE STANDARDS OF THE INDUSTRY.
6. INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUPPORTING DEVICES FOR ADEQUATE SUPPORT OF FIXTURES FROM STRUCTURE.
7. UPON COMPLETION OF THE ELECTRICAL WORK, THE INSTALLATION SHALL BE TESTED FOR CONTINUITY, GROUNDS, AND SHORT CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL DEMONSTRATE PROPER PERFORMANCE OF ALL SYSTEMS. ALL DEFECTIVE WORK OR MATERIALS SHALL BE REPLACED OR REPAIRED AS NECESSARY AND RETESTED.
8. ELECTRICAL RACEWAYS THAT PENETRATE FIRE RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED AS PER THE LOCAL BUILDING CODE.
9. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A TEMPORARY ELECTRICAL SYSTEM FOR THE PROJECT. AT LEAST ONE 120 VOLT SINGLE PHASE RECEPTACLE SHALL BE PROVIDED FOR EACH 500 SQUARE FEET OF FLOOR SPACE. SUFFICIENT TEMPORARY LIGHTING SHALL BE PROVIDED TO ALLOW ALL CONTRACTORS TO COMPLETE THEIR WORK. TEMPORARY ELECTRICAL CIRCUITS SHALL BE EQUIPPED WITH COMBINATION GROUND FAULT INTERRUPTER AND CIRCUIT BREAKER PER NEC. TEMPORARY ELECTRICAL SYSTEM SHALL BE INCLUDED IN THIS BID. USAGE CHARGES SHALL BE PAID FOR BY THE GENERAL CONTRACTOR.

ELECTRICAL SHEET INDEX	
E000	ELECTRICAL TITLE SHEET
E001	ELECTRICAL SITE PLAN
ED101	ELECTRICAL DEMOLITION PLAN
E101	ELECTRICAL LIGHTING PLAN
E201	ELECTRICAL POWER PLAN
E202	ELECTRICAL ROOF PLAN
E401	ELECTRICAL ONE-LINE DIAGRAM
E501	ELECTRICAL DETAILS
E601	ELECTRICAL SCHEDULES
E701	ELECTRICAL SPECIFICATIONS

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MOORE
PUBLIC SCHOOLS

SOUTHGATE
ELEMENTARY
KITCHEN UPGRADES
and ADDITION

sheet no:
E000

**Salas O'Brien**

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Call#: 9820 Expiration Date: 06/30/2027
Salas O'Brien Project Number: 2650-00226-00

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