

** DETAILED MARKUPS **

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Quantity List Count

2,530.93	5
37	Count
10	Count
25	Count
9	Count
2	Count
4	Count
4	Count
5	Count

PLAN TV
MAN DIED 165
DATA JPL 48
FIREPLACE SEE EDP 42
PATIO STORAGE 002
DRY GOODS STORAGE 109
SEE FOODSERVICE PLANT FOR ELECTRICAL REQ
KITCHEN 108
SENIOR ROOM 107A
SENIOR ROOM 107B
SENIOR ROOM 108
COMMUNITY ROOM 116A
COMMUNITY ROOM 116B
RECEPTION 121
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- NOTES

- ① PER HAZARD ANALYSIS, SINGLE POLE CIRCUIT BREAKER WITH KNOWN KVAH/IES SHALL BE PERMITTED AS THE PROTECTION FOR EACH FEEDER. CIRCUIT BREAKER SHALL HAVE INDEPENDENT TRIP AND SHALL BE SINGLE POLE CIRCUIT BREAKER.
- ② VERIFY MAIN CONFIGURATION OF THE RECEPTACLE FEEDER TO BE IN COMPLIANCE WITH THE ELECTRICAL CODES.
- ③ ROUTE EACH MAIN FEEDER TO BE CLOSING BASED ON THE SIZE OF THE NEAREST MAIN FEEDER VOLTAGE RATING WITH THE NEAREST MAIN FEEDER VOLTAGE RATING.
- ④ PROTECT FEEDER FROM THE DEVICE BY LEADING AMPERES/SEC. PROTECT 2% FROM TABLES TO THE NEAREST MAIN FEEDER. PROTECT 2% FROM THE MAIN FEEDER TO THE MAIN FEEDER. PROTECT 2% FROM THE MAIN FEEDER TO THE MAIN FEEDER. PROTECT 2% FROM THE MAIN FEEDER TO THE MAIN FEEDER.
- ⑤ MAIN CONNECTION TO THE FEEDER TRIP SHALL BE COMPLETED WITH THE FEEDER SYSTEM INSTALLED. CONNECT MAIN CONNECTION TO THE FEEDER TRIP SHALL BE COMPLETED WITH THE FEEDER SYSTEM INSTALLED. CONNECT MAIN CONNECTION TO THE FEEDER TRIP SHALL BE COMPLETED WITH THE FEEDER SYSTEM INSTALLED.
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- ⑦ PROVIDE A SEPARATE NEUTRAL AND SEPARATE GROUND FOR EACH MAIN CIRCUIT.
- ⑧ ALL FEEDER MAIN CONNECTIONS SHALL BE 10% TO 10% OF THE TOTAL KVAH/IES. ALL FEEDER MAIN CONNECTIONS SHALL BE 10% TO 10% OF THE TOTAL KVAH/IES. ALL FEEDER MAIN CONNECTIONS SHALL BE 10% TO 10% OF THE TOTAL KVAH/IES.
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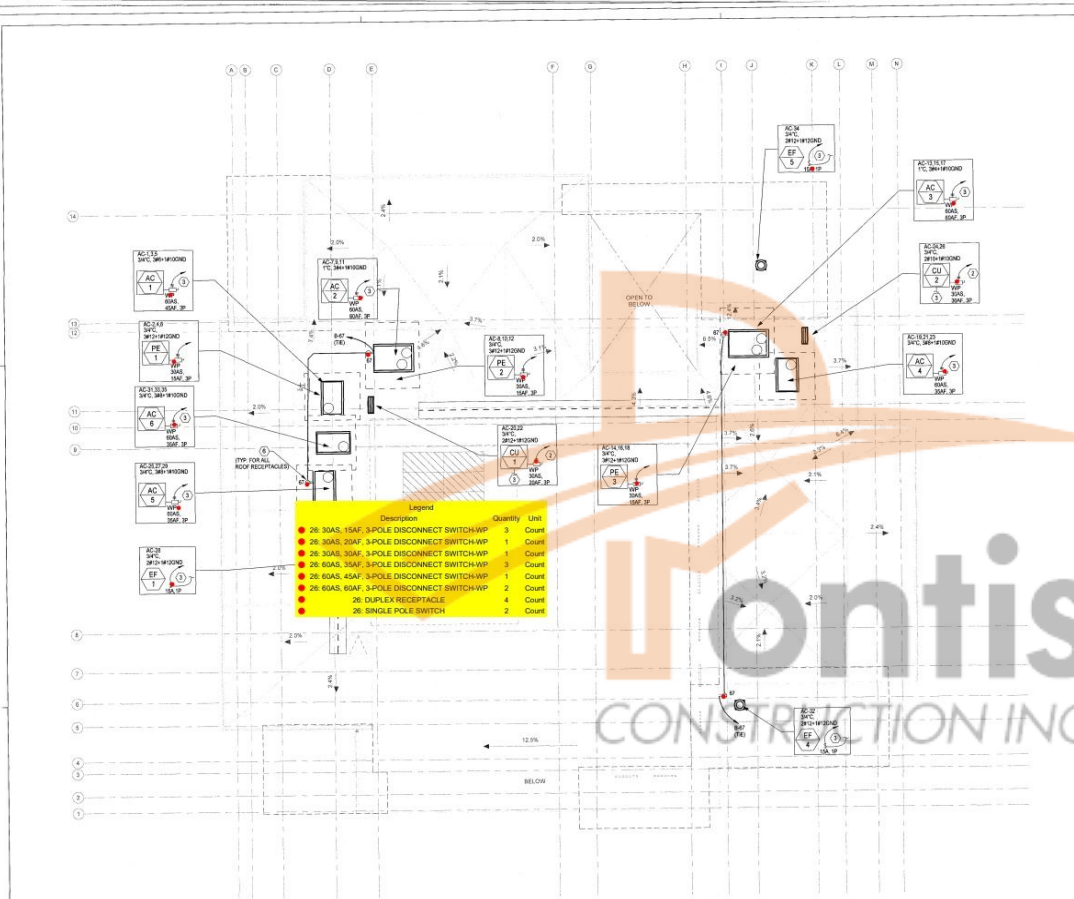
ELECTRICAL PLAN

JOB #22-0718

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- DRAWING SHOWS DESIRED ELECTRICAL LAYOUT WITH NEW LOCATION OF RECEPTACLES, HARD WIRED JUNCTION BOXES, CONDUIT AND CIRCUITING REQUIREMENT. CONTRACTOR SHALL COORDINATE FINAL LOCATION OF DEVICES WITH OTHER SUBCONTRACTOR TO AVOID CONFLICT OF ACCESS TO THE DEVICES.
- ALL JUNCTION BOXES SHALL BE SIZED PER NEC 310.104 (B) (1).
- ALL PENETRATIONS INTO FLOOR SHALL BE FIRE RATED AND ALL FLOOR CONDUITS SHALL BE FIRE RATED AND SEALED FOR CONCRETE. FOR ALL CONDUIT PENETRATIONS, SEE TYPICAL DETAIL ON ARCHITECTURAL DRAWINGS.
- UNLESS OTHERWISE NOTED, ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS ARE NEW. SEE MECHANICAL DRAWINGS FOR ACTUAL LOCATION AND ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT.
- IN EQUIPMENT, JUNCTION BOX, ETC. REQUIRING ACCESS SHALL BE LOCATED IN WARD ROOMS WITH ACCESS TO THE EQUIPMENT. PROVIDE RECEPTACLE WITH NEW CONDUIT TO MATCH EQUIPMENT PLUS VERIFY WITH EQUIPMENT MANUFACTURER.
- FOR EQUIPMENT REQUIRING SPECIAL RECEPTACLE, PROVIDE RECEPTACLE WITH NEW CONDUIT TO MATCH EQUIPMENT PLUS VERIFY WITH EQUIPMENT MANUFACTURER.
- PROVIDE 3/4" CONDUIT FROM EACH TERMINAL TO RESPECTIVE JUNCTION BOX OR EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND REQUIREMENTS.
- FOR EXACT LOCATION OF MECHANICAL EQUIPMENT, REFER TO HVAC AND PLUMBING PLANS.
- CONTRACTOR SHALL VERIFY AND COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATIONS AND OTHER CONSULTING DRAWINGS LOCATION AND ELEVATION OF ALL RECEPTACLES, CONNECTIONS AND DEVICES PRIOR TO ROUGH-IN AND INSTALLATION.
- WHERE INDICATED ON PLAN, ALL PARTS OF ELECTRICAL CONTRACTOR'S WORK ARE NOT COVERED ON THIS PLAN. PROVIDE CONDUIT AND CONTROL WIRING IF LOW VOLTAGE. PROVIDE CONTROL TRANSFORMER AS REQUIRED.
- PROVIDE AND INSTALL ALL WIRING FOR LOW VOLTAGE CIRCUITS MORE THAN 100'.
- PROVIDE PERMANENT LABEL TO EACH RECEPTACLE ON THIS POWER PLAN SHOWING PANEL, NAME AND CIRCUIT NUMBER USED FOR POWER SOURCE.
- PROVIDE HANDLE TIE TO CIRCUIT BREAKERS SHOWING THE SAME NEUTRAL PER NEC AND DEC.
- GROUND PROTECTED RECEPTACLE OUTLETS SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION.
- PROVIDE SEPARATE NEUTRAL TO 150V DEDICATED CIRCUIT PER NEC 400.40 (2) (2).
- ALL CIRCUIT FUSE RATING SHALL BE PROVIDED WITH NEUTRAL WIRING.
- REFER TO MECHANICAL PLAN FOR COORDINATION OF HVAC SYSTEM. PROVIDE NECESSARY CONDUIT SIZE WITH WIRING PER MANUFACTURER'S RECOMMENDATIONS AND AS REQUIRED FOR COMPLETE AND NORMAL INSTALLATION PER HVAC CONTROL WIRING REQUIREMENTS.

- NOTES**
- PROVIDE MOTOR RATED CONTROL SWITCH FOR FAN COIL UNITS PER MANUFACTURER'S RECOMMENDATION AND AS REQUIRED FOR COMPLETE AND NORMAL INSTALLATION PER HVAC CONTROL WIRING REQUIREMENTS. REFER TO MECHANICAL DRAWING FOR LOCATION.
 - PROVIDE AND INSTALL 1/2" CONDUIT WITH WIRING PER MANUFACTURER'S RECOMMENDATION AND AS REQUIRED FOR COMPLETE AND NORMAL INSTALLATION PER HVAC CONTROL WIRING REQUIREMENTS. VERIFY EXACT LOCATION AND REQUIREMENTS WITH HVAC CONTRACTOR.
 - PROVIDE DRY CONTACT DETECTORS FOR MECHANICAL DRAWINGS AND INTERLOCK WITH FIRE ALARM SYSTEM TO SHUT DOWN THE UNIT UPON ACTIVATION OF SMOKE DETECTORS. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
 - PROVIDE LOW VOLTAGE CONNECTION TO CONDENSATE PUMP BACK WITH MOTOR RATED TOGGLE SWITCH (DISCONNECT) TEN-TO-CONDENSATE PUMP. LESS PER CIRCUIT. COORDINATE WITH MECHANICAL FOR QUANTITY AND LOCATION PRIOR TO ROUGH-IN.
 - PROVIDE WEATHERPROOF JUMP, GFI'S AND WEATHER RESISTANT (WR) EXTRA DUTY TYPE FOR 15A AND 20A, 120V AND 250V RECEPTACLE INSTALLED IN WET LOCATION.
 - FOR CONNECTION TO COMBINATION FIRE/SMOKE DAMPER.
 - FAN COIL UNITS TO BE POWERED THROUGH ITS RESPECTIVE CU UNIT ON THE ROOF.

KEYNOTES

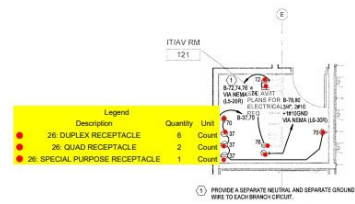
3045 N. Hollywood Way
Burbank, CA 91505
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www.montis.com

ARC
ARCHITECTS
19914 Clark Ave. Bellflower, CA 90706
Project: 02-001

BELLFLOWER YOUTH AND SENIOR CENTER

ELECTRICAL ROOF PLAN

19-1001-001-001
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ARC engineering
Project: 22-BCC-001
3045 N. Hollywood Way
Burbank, CA 91505
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SENIOR CENTER
16514 Clark Ave, Bellflower, CA 90706

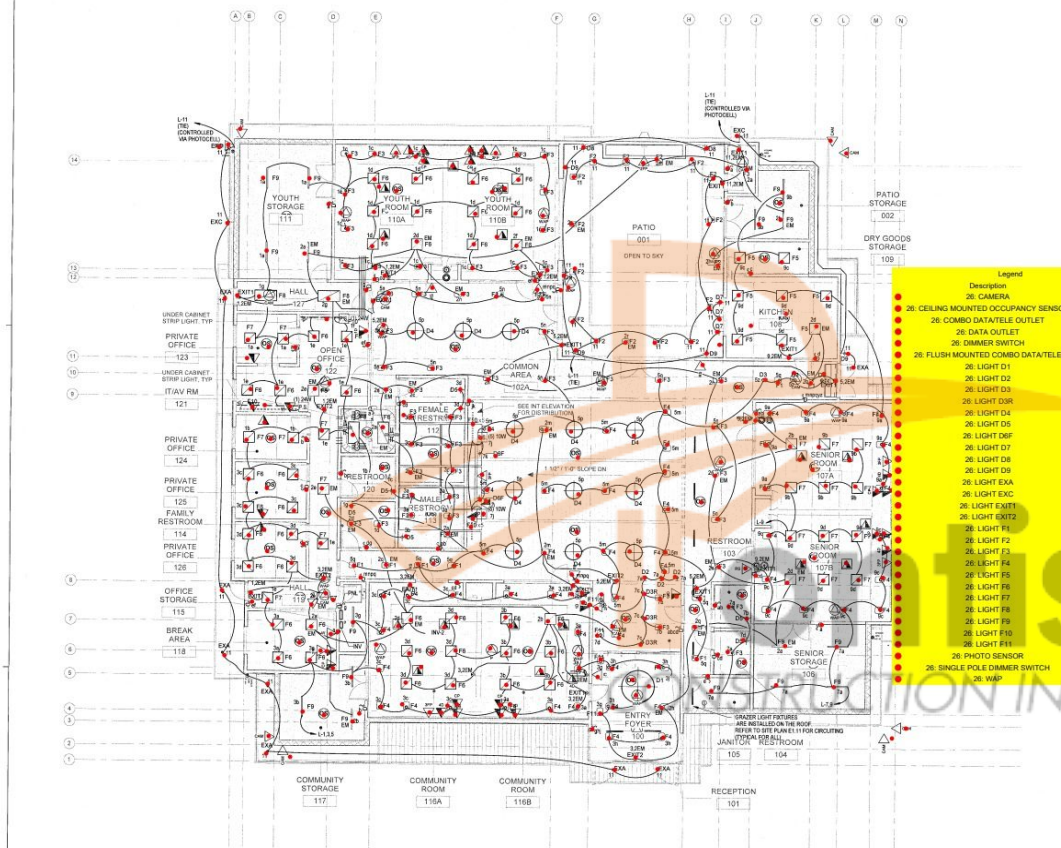
ELECTRONIC ENLARGED PRINT

01/10/23 50% DO
02/06/23 80% DO
02/18/23 100% DO
07/01/23 75% DO
08/15/23 100% DO
09/13/23 PLAN CHECK
11/8/23 AHU REVIEW
10/24 ISSUE FOR BID



OB #22-0718

E2.21



- NO EQUIPMENT JUNCTION BOXES, ETC. REQUIRING ACCESS SHALL BE LOCATED IN UNOCCUPIED AREAS UNLESS ACCESS PANELS ARE PROVIDED COORDINATE WITH THE ARCHITECT.
- VERIFY THE TYPE OF CEILING SYSTEM WITH GENERAL CONTRACTOR OR CEILING CONTRACTOR. PROVIDE SUPPORTS AND HANGERS AS REQUIRED.
- SUPPORTS SHALL BE COMPATIBLE WITH THE CEILING SYSTEM AND HOLD ALL REQUIRED HANGING ACCESSORIES AND HANDWIRING.
- RECESSED DOWN LIGHTS, ETC. SHALL BE INSTALLED DIRECTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT RECESSED DOWN LIGHTS, ETC. FROM THE CEILING SYSTEM OR FROM THE SUSPENDED CEILING.
- WHERE MULTIPLE DOWN LIGHTS ARE INSTALLED, DOWN LIGHTS SHALL BE UNIFORM UNDER A COMMON WALL PLATE.
- ALL ELECTRICAL LOCATIONS SHALL BE IDENTIFIED WITH THE ARCHITECT PRIOR TO INSTALLATION.
- ALL EXPOSED CONDUITS SHALL BE EMT AND SHALL RUN IN DEGRESS PERPENDICULAR AND PARALLEL TO CEILING STRUCTURE AND NOT UNDERNEATH OF SLAB.
- CONTRACTOR SHALL PROVIDE ADDITIONAL EXISTING LIGHTS IF REQUIRED BY THE CITY FIRE MARSHAL INSPECTOR AT NOT ADDITIONAL COST TO THE OWNER.
- EXISTING DOWN LIGHTS SHALL BE IDENTIFIED AND REMOVED AND RE-INSTALLED ONLY IF CONTRACTOR SHALL VERIFY EXISTING LIGHTING FIXTURES, VOLTAGE, FINISH COLOR AND STANDARD DIMMING WITH THE ARCHITECT AND OBTAIN PRIOR TO INSTALLATION.
- ALL EXISTING DOWN LIGHTS SHALL BE IDENTIFIED AND REMOVED AND RE-INSTALLED ONLY IF CONTRACTOR SHALL VERIFY EXISTING LIGHTING FIXTURES, VOLTAGE, FINISH COLOR AND STANDARD DIMMING WITH THE ARCHITECT AND OBTAIN PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY ELECTRICAL CABLE, TUBING, TRANSFORMERS, ETC. AS REQUIRED FOR COMPLETION OF INSTALLATION. WHERE LOW VOLTAGE FIXTURES ARE NOT EQUIPPED WITH ETE DOWN TRANSFORMER, PROVIDE TRANSFORMER OF REQUIRED SIZE AND RATING TO ACCOMMODATE CONNECTED LIGHTING LOADS.
- CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS PRIOR TO BID. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS PRIOR TO BID.
- PROVIDE AND INSTALL WIRING FOR 120V CIRCUIT HOME RUNS MORE THAN 100 FT.
- THIS IS A PRELIMINARY LIGHTING PLAN. THE FINAL LIGHTING PLAN SHALL BE PROVIDED BY THE ARCHITECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE FINAL LIGHTING PLAN. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE FINAL LIGHTING PLAN.

Description	Quantity	Unit
26. CAMERA	11	Count
26. CEILING MOUNTED OCCUPANCY SENSOR	32	Count
26. COMBO DATA/ELE OUTLET	32	Count
26. DATA OUTLET	19	Count
26. DIMMER SWITCH	28	Count
26. FLUSH MOUNTED COMBO DATA/ELE	15	Count
26. LIGHT D1	1	Count
26. LIGHT D2	3	Count
26. LIGHT D3	3	Count
26. LIGHT D4	3	Count
26. LIGHT D5	12	Count
26. LIGHT D6	7	Count
26. LIGHT D7	2	Count
26. LIGHT D8	2	Count
26. LIGHT D9	5	Count
26. LIGHT D10	8	Count
26. LIGHT D11	3	Count
26. LIGHT D12	6	Count
26. LIGHT D13	12	Count
26. LIGHT D14	9	Count
26. LIGHT D15	16	Count
26. LIGHT D16	58	Count
26. LIGHT D17	9	Count
26. LIGHT D18	42	Count
26. LIGHT D19	21	Count
26. LIGHT D20	4	Count
26. LIGHT D21	4	Count
26. LIGHT D22	2	Count
26. PHOTO SENSOR	9	Count
26. SINGLE POLE DIMMER SWITCH	9	Count
26. WAP	11	Count

LIGHTING PLAN

SCALE 1/8" = 1'-0"

KEYNOTES

SCALE 1/8" = 1'-0"

E3.01

3040 N. Midway Valley
Burbank, CA 91505
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Fax: 818.338.0000
www.astroinc.net

ASTRO
ILLUMINATION

BELLFLOWER YOUTH AND SENIOR CENTER
11614 Clark Ave. Bellflower, CA 90706

LIGHTING PLAN

21/03/2023 50% SD
22/03/2023 50% SD
23/03/2023 100% SD
24/03/2023 100% SD
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DETAILED TAKEOFF 7 PRICING

DETAILED BREAKDOWN OF ITEMS													
PrepareD for: BELLFLOWER YOUTH AND SENIOR CENTER													
Project ID: 16614 CLARK AVE, BELLFLOWER, CA 90706													
Scope: ELECTRICAL										TOTAL LABOR HK	Hourly rate	TOTAL MATERIAL COST	
Date: 7/14/2024										2177.84	90.00	\$ 44,443.80	
SR #	DESCRIPTION	QUANTIT Y	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT MAN/ HOUR	LABOR HOUR	HOURLY WAGE	LABOR COST	UNIT MAT. COST	MATERIAL COST	SUB COST	
DIV-1		GENERAL REQUIREMENTS											
1	Permits	1	LS	0%	1	0.000	0.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -
2	Supervision anD Coordination	1	LS	0%	1	0.000	0.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -
3	Submittals anD Shop Drawings	1	LS	0%	1	0.000	0.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -
4	Final Cleaning	1	LS	0%	1	0.000	0.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -
5	Mobilization Costs	1	LS	0%	1	0.000	0.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -
6	Temporary Control & Facilities	1	LS	0%	1	0.00	0.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -
7	Scaffolding	1	LS	0%	1		0.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -
DIV-26		ELECTRICAL											
CONDUIT													
8	3/4" Emt Conduit	8895	LF	10%	9785	0.062	606.64	\$ 90.00	\$ 54,597.51	\$ 1.12	\$ 10,958.64	\$ 65,556.15	\$ -
9	1" Emt Conduit	340	LF	10%	374	0.070	26.18	\$ 90.00	\$ 2,356.20	\$ 1.46	\$ 546.04	\$ 2,902.24	\$ -
10	2" Emt Conduit	150	LF	10%	165	0.080	13.20	\$ 90.00	\$ 1,188.00	\$ 2.10	\$ 346.50	\$ 1,534.50	\$ -
11	2-1/2" Emt Conduit	190	LF	10%	209	0.100	20.90	\$ 90.00	\$ 1,881.00	\$ 2.96	\$ 618.64	\$ 2,499.64	\$ -
12	3" Emt Conduit	55	LF	10%	61	0.150	9.08	\$ 90.00	\$ 816.75	\$ 3.45	\$ 208.73	\$ 1,025.48	\$ -
CONDUCTOR													
13	2#12, 1#12 Gnd Cu Wire Service For Lighting	3175	LF	10%	3493	0.040	139.70	\$ 90.00	\$ 12,573.00	\$ 0.48	\$ 1,676.40	\$ 14,249.40	\$ -
14	2#12, 1#12 Gnd Cu Wire Service For Receptacle	3245	LF	10%	3570	0.040	142.78	\$ 90.00	\$ 12,850.20	\$ 0.48	\$ 1,713.36	\$ 14,563.56	\$ -
15	3#10, 1#10 Gnd Cu Wire Service For Equipment	185	LF	10%	204	0.050	10.18	\$ 90.00	\$ 915.75	\$ 0.64	\$ 130.24	\$ 1,045.99	\$ -
16	3#6, 1#10 Gnd Cu Wire Service For Equipment	335	LF	10%	369	0.065	23.95	\$ 90.00	\$ 2,155.73	\$ 0.98	\$ 361.13	\$ 2,516.86	\$ -
17	2#8, 1#10Gnd Cu Wire Service From Panel To panel	10	LF	10%	11	0.064	0.70	\$ 90.00	\$ 63.36	\$ 0.91	\$ 10.01	\$ 73.37	\$ -
18	4#350Kcmil, 1#4 Gnd Cu Wire Service From Main Switch Board To Panel	50	LF	10%	55	0.140	7.70	\$ 90.00	\$ 693.00	\$ 34.55	\$ 1,900.25	\$ 2,593.25	\$ -
19	4#40Kcmil, 1#4 Gnd Cu Wire Service From Main Switch To Panel	182	LF	10%	200	0.100	20.02	\$ 90.00	\$ 1,801.80	\$ 1.44	\$ 288.29	\$ 2,090.09	\$ -
20	4#10Kcmil, 1#6Gnd Cu Wire Service From Main Switch To Panel	145	LF	10%	160	0.096	15.31	\$ 90.00	\$ 1,378.08	\$ 1.54	\$ 245.63	\$ 1,623.71	\$ -
21	Cat5e Cat6e Cbls For Data/tel Outlet	2275	LF	10%	2503	0.045	112.61	\$ 90.00	\$ 10,135.13	\$ 0.55	\$ 1,376.38	\$ 11,511.50	\$ -
GROUND													
22	Ground Bar	1	EA	0%	1	1.000	1.00	\$ 90.00	\$ 90.00	\$ 88.00	\$ 88.00	\$ 178.00	\$ -
23	Neutral Bar	1	EA	0%	1	1.000	1.00	\$ 90.00	\$ 90.00	\$ 88.00	\$ 88.00	\$ 178.00	\$ -
24	1#3 Awg Grounding Conductor	30	LF	10%	33	0.062	2.05	\$ 90.00	\$ 184.14	\$ 0.96	\$ 31.68	\$ 215.82	\$ -
LIGHTING FIXTURE													
25	Light D1, Custom Light, Del Toro, 60Watt Led	1	EA	0%	1	1.550	1.55	\$ 90.00	\$ 139.50	\$ -	\$ -	\$ 139.50	\$ -
26	Light D2, Sconce, Barn Light, 11Watt Led	3	EA	0%	3	0.950	2.85	\$ 90.00	\$ 256.50	\$ -	\$ -	\$ 256.50	\$ -
27	Light D3, Pendant, Tech Lighting, 17.4Watt Led	3	EA	0%	3	1.120	3.36	\$ 90.00	\$ 302.40	\$ -	\$ -	\$ 302.40	\$ -
28	Light D3R, Pendant, Wac Lighting, 29Watt Led	3	EA	0%	3	1.320	3.96	\$ 90.00	\$ 356.40	\$ -	\$ -	\$ 356.40	\$ -
29	Light D4, Pendant, Kuzco, 70Watt Led	12	EA	0%	12	2.000	24.00	\$ 90.00	\$ 2,160.00	\$ -	\$ -	\$ 2,160.00	\$ -
30	Light D5, Vanity Light, Kuzco, 22Watt Led	7	EA	0%	7	1.450	10.15	\$ 90.00	\$ 913.50	\$ -	\$ -	\$ 913.50	\$ -
31	Light D6F, Sconce, Tech Lighting, 3.8Watt Led	2	EA	0%	2	0.750	1.50	\$ 90.00	\$ 135.00	\$ -	\$ -	\$ 135.00	\$ -
32	Light D7, Sconce, Tech Lighting, 8 Watt Led	3	EA	0%	3	0.880	2.64	\$ 90.00	\$ 237.60	\$ -	\$ -	\$ 237.60	\$ -
33	Light D8, Sconce, Kuzco, 12 Watt Led	2	EA	0%	2	1.100	2.20	\$ 90.00	\$ 198.00	\$ -	\$ -	\$ 198.00	\$ -
34	Light D9, Sconce, Kuzco Lighting, 22Watt Led	5	EA	0%	5	1.390	6.95	\$ 90.00	\$ 625.50	\$ -	\$ -	\$ 625.50	\$ -
35	Light Exa, Downlight, H.E. Williams, 19Watt Led	8	EA	0%	8	1.440	11.52	\$ 90.00	\$ 1,036.80	\$ -	\$ -	\$ 1,036.80	\$ -
36	Light Exo, Sconce, Lsi Industries, 15.2 Watt Led	3	EA	0%	3	1.320	3.96	\$ 90.00	\$ 356.40	\$ -	\$ -	\$ 356.40	\$ -
37	Light Exit1, Exit Sign Stem Kit, Emerglite, 2Watt Led	17	EA	0%	17	0.750	12.75	\$ 90.00	\$ 1,147.50	\$ -	\$ -	\$ 1,147.50	\$ -
38	Light Exit2, Exit Sign Stem Kit, Emerglite, 2Watt Led	6	EA	0%	6	0.750	4.50	\$ 90.00	\$ 405.00	\$ -	\$ -	\$ 405.00	\$ -
39	Light F1, Downlight, H.E Williams, 19Watt	9	EA	0%	9	1.470	13.23	\$ 90.00	\$ 1,190.70	\$ -	\$ -	\$ 1,190.70	\$ -
40	Light F2, Downlight, H.E Williams, 9Watt	16	EA	0%	16	1.000	16.00	\$ 90.00	\$ 1,440.00	\$ -	\$ -	\$ 1,440.00	\$ -
41	Light F3, Downlight, H.E Williams, 19Watt	54	EA	0%	54	1.500	81.00	\$ 90.00	\$ 7,290.00	\$ -	\$ -	\$ 7,290.00	\$ -
42	Light F4, Downlight, H.E Williams, 19Watt	55	EA	0%	55	1.500	82.50	\$ 90.00	\$ 7,425.00	\$ -	\$ -	\$ 7,425.00	\$ -
43	Light F5, Troffer, H.E. Williams, 40Watt Led	8	EA	0%	8	1.600	12.80	\$ 90.00	\$ 1,152.00	\$ -	\$ -	\$ 1,152.00	\$ -
44	Light F6, Troffer, H.E. Williams, 28.6Watt Led	42	EA	0%	42	1.220	51.24	\$ 90.00	\$ 4,611.60	\$ -	\$ -	\$ 4,611.60	\$ -
45	Light F7, Troffer, H.E. Williams, 49Watt Led	21	EA	0%	21	1.550	32.55	\$ 90.00	\$ 2,929.50	\$ -	\$ -	\$ 2,929.50	\$ -
46	Light F8, Troffer, H.E. Williams, 38Watt Led	4	EA	0%	4	1.490	5.96	\$ 90.00	\$ 536.40	\$ -	\$ -	\$ 536.40	\$ -
47	Light F9, Strip Light, H.E. Williams, 32Watt Led	16	EA	0%	16	1.400	22.40	\$ 90.00	\$ 2,016.00	\$ -	\$ -	\$ 2,016.00	\$ -
48	Light F10, Under Cabinet, BI Lighting, 1.8 Watt Led	4	EA	0%	4	0.700	2.80	\$ 90.00	\$ 252.00	\$ -	\$ -	\$ 252.00	\$ -
49	Light F11, Adjustable Downlight, H.E. Williams, 17.2 Watt Led	4	EA	0%	4	1.300	5.20	\$ 90.00	\$ 468.00	\$ -	\$ -	\$ 468.00	\$ -
LIGHTING CONTROL													
50	Single Pole Switch	3	EA	0%	3	0.550	1.65	\$ 90.00	\$ 148.50	\$ 14.00	\$ 42.00	\$ 190.50	\$ -
51	Single Pole Dimmer Switch	35	EA	0%	35	0.800	28.00	\$ 90.00	\$ 2,520.00	\$ 18.00	\$ 630.00	\$ 3,150.00	\$ -
52	Ceiling Mounted Occupancy Sensor	33	EA	0%	33	1.500	49.50	\$ 90.00	\$ 4,455.00	\$ 168.00	\$ 5,544.00	\$ 9,999.00	\$ -
53	Motor Rated Switch	25	EA	0%	25	0.850	21.25	\$ 90.00	\$ 1,912.50	\$ 22.00	\$ 550.00	\$ 2,462.50	\$ -
54	Photo Sensor	2	EA	0%	2	1.500	3.00	\$ 90.00	\$ 270.00	\$ 145.00	\$ 290.00	\$ 560.00	\$ -

\$ 240,443

Note:

1. Please verify the Electrical and their prices with owner.
2. Online sources are used for pricing.

GENERAL SUMMARY

Prepared for: BELLFLOWER YOUTH AND SENIOR CENTER
Project ID: 16614 CLARK AVE, BELLFLOWER, CA 90706
Scope: ELECTRICAL
No. Of Floors: 3 BUILDINGS
Date: 14-Jul-24



BUILDING GSF 20,800

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST
1000	GENERAL REQUIREMENT	\$ -
26000	ELECTRICAL	\$ 240,449
TOTAL TRADE COST		\$ 240,449

OVERHEAD AND PROFIT	15%	\$ 36,067.42
MATERIAL MARKUPS	10%	\$ 24,045
TAX	9.500%	\$ 22,843
TOTAL TRADE COST		\$ 323,405