

**ADDENDUM NO. 3**

**CITY YARD OFFICE REMODEL  
CITY PROJECT NO. 22-BLDG-01**

**OCTOBER 6, 2022**

**TO ALL POTENTIAL PROPOSERS:**

Clarifications/Questions from Contractors who attended the mandatory pre-bid meeting and are eligible to bid on the project

The following addresses questions and offers clarifications for the project referenced above received by the City from eligible Contractor and the information below will be incorporated into the project per this Addendum.

**1. ELECTRICAL MODIFICATIONS**

In response to a statement that electrical panels have long lead times, the City investigated this item with the City's contract maintenance electrician. This resulted in the following:

- A. All work noted on the revised plans with clarifications will be completed by the City within the red bubble, all other work indicated in the plans shall be completed by the contractor (see attached revised plans).

All other items in the project specifications remain unchanged.

Please sign below and attach this "ACKNOWLEDGMENT OF RECEIPT", Addendum No. 3 with the Bid submittal documents. **Failure to submit the signed Addendum No. 3 acknowledgement will render the contractor's bid as non-responsive.** Thank you for your cooperation.

Sincerely,



Douglas Benash, P.E.  
City Engineer

---

ACKNOWLEDGMENT OF RECEIPT: Addendum No. 3

\_\_\_\_\_  
Company Name

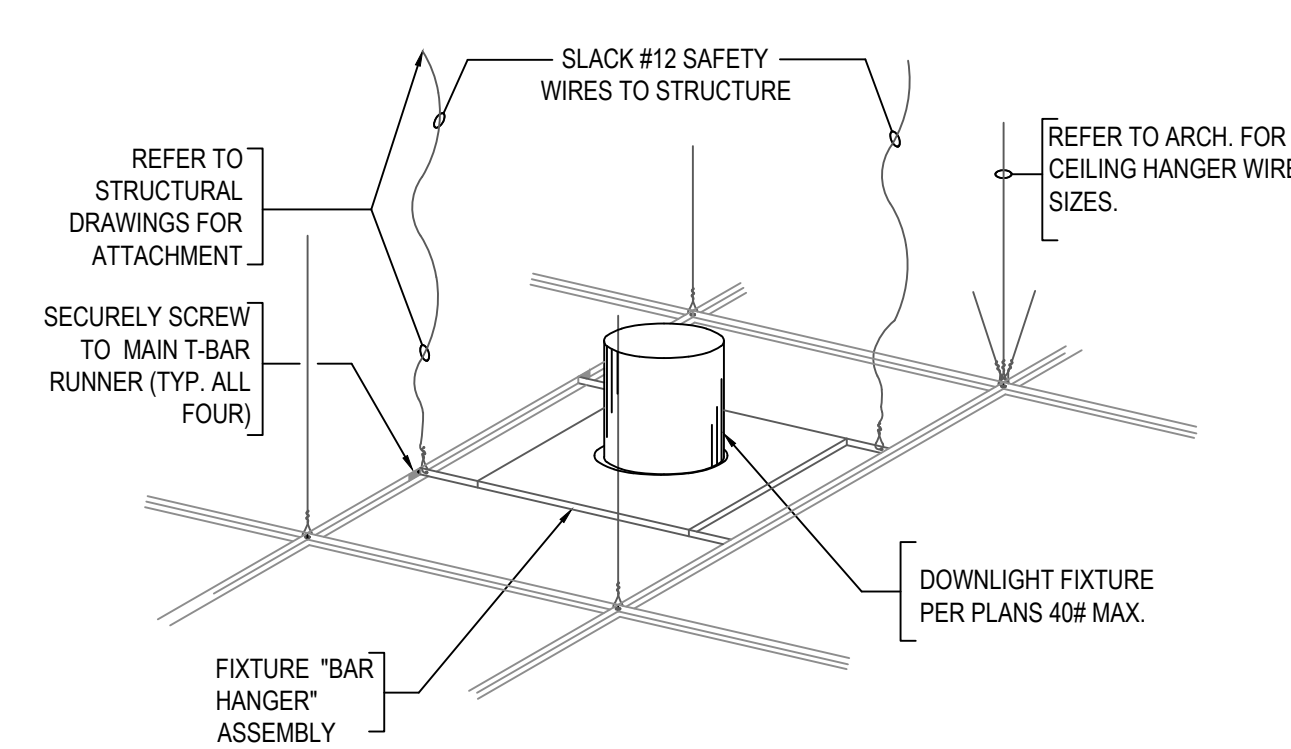
\_\_\_\_\_  
Date

By \_\_\_\_\_  
Signature

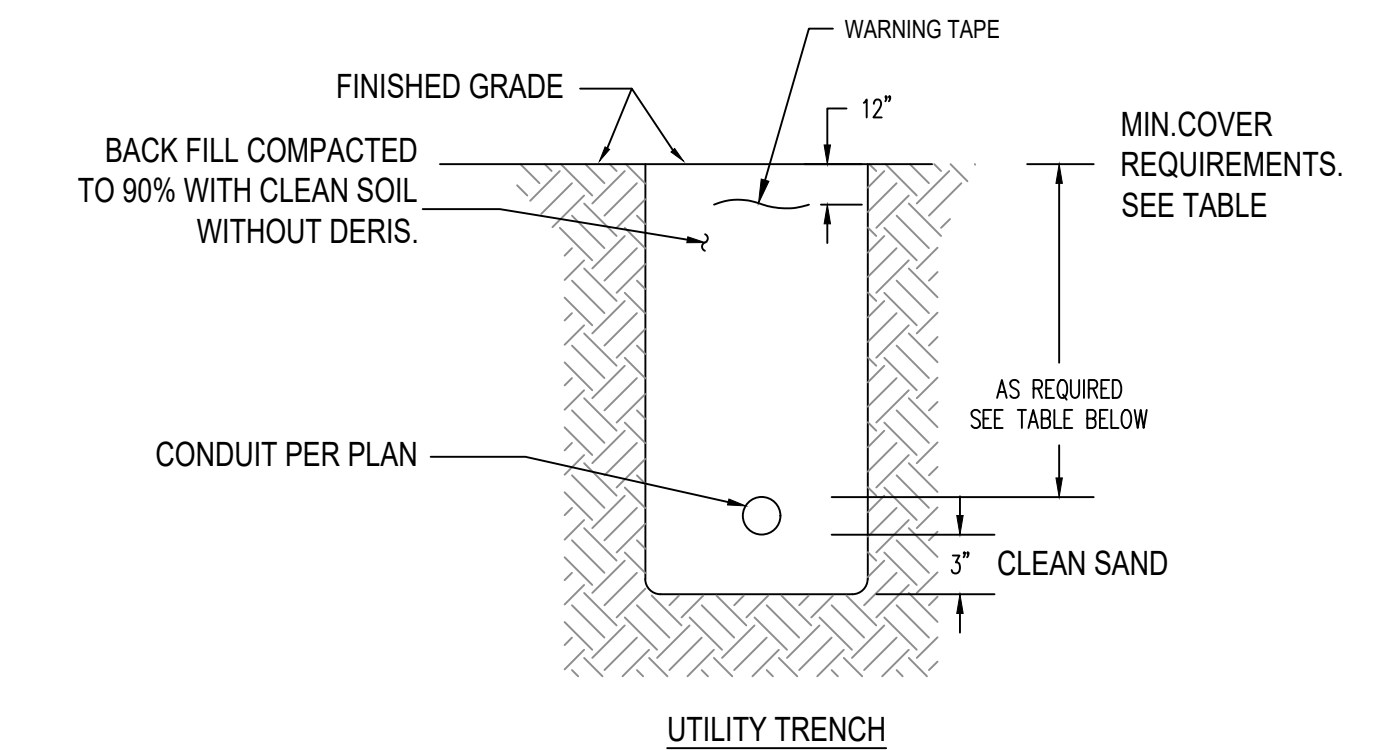
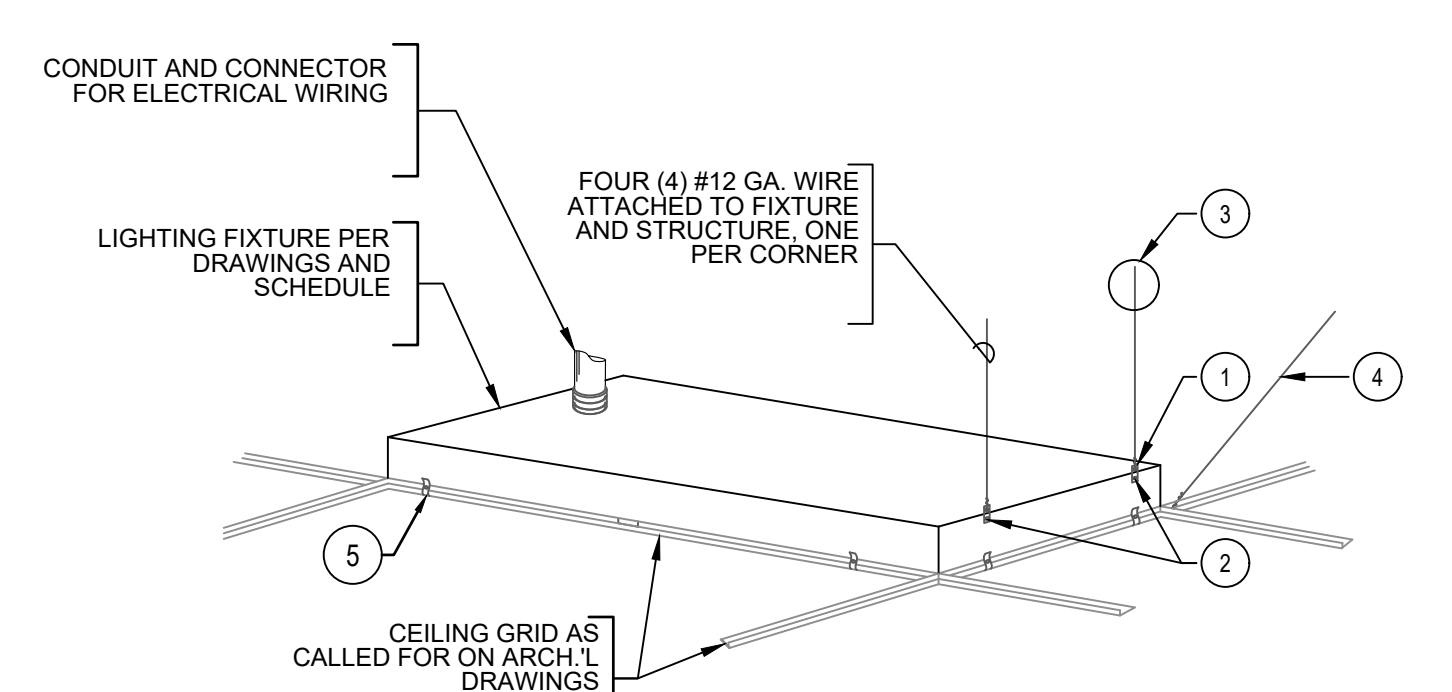
Attachment – 1. Revised Electrical Plan

BUILDING LIGHT FIXTURE SCHEDULES					
SYM	DESCRIPTION	LAMPS			MOUNTING
		NO.	WATTS	TYPE	
(A)	2X4 LED ARCHITECTURAL CENTER BASKET RECESSED TROFFER DIMMABLE. WILLIAMS LTG #AT3-24-L40/835-D-X-DIM-UNV	1	34.2	LED	RECESSED MOUNTED
(A)	SAME AS TYPE "A" EXCEPT WITH BUILT-IN EMERGENCY BATTERY PACK OPTION WILLIAMS LTG #AT3-24-L40/835-D-X-DIM-UNV-EM10W	1	34.2	LED	RECESSED MOUNTED
(B)	6" RECESSED LED DOWNLIGHT, ROUND, WET LOCATION. WILLIAMS LTG #6DR-TL-L15/830-X-DIM-UNV-OW-OF-CS-X-N-F1	1	13.8	LED	RECESSED DOWNLIGHT
(B)	SAME AS TYPE "B" EXCEPT WITH BUILT-IN EMERGENCY BATTERY PACK OPTION WILLIAMS LTG #6DR-TL-L15/830-X-DIM-UNV-OW-OF-CS-X-N-F1-EM/7W	1	13.8	LED	RECESSED DOWNLIGHT
(C)	4.5" RECESSED LED DOWNLIGHT, ROUND, WET LOCATION. WILLIAMS LTG #DR-TL-L15/830-X-DIM-UNV-OW-OF-CS-X-N-F1	1	13.9	LED	DOWNLIGHT
(D)	24" LED UNDERCABINET, SURFACE MOUNTED. WILLIAMS LTG #1SF-2-L12/830-AF12125-X-DRV-UNV	1	11.4	LED	UNDERCABINET
(E)	3"x6" LED ARCHITECTURAL SLIM LINE SQUARE SHIELDING SUSPENDED/PENDANT MOUNT LUMINAIRE. WILLIAMS LTG #LLM-6-L10/835-S-SQ-ACF/D72-OPTIONS-DIM-UNV	1	6.7W/FT	LED	SUSPENDED
(E)	SAME AS TYPE "E" EXCEPT WITH BUILT-IN EMERGENCY BATTERY PACK. WILLIAMS LTG #LLM-6-L10/835-S-SQ-ACF/D72-OPTIONS-DIM-UNV-EM10W	1	6.7W/FT	LED	SURFACE MOUNTED
(F)	LED FLAT LENS STRIP LIGHT, DIMMABLE. WILLIAMS LTG #75L-4-L20/830-DMA-X-X-DIM-UNV	1	16.2	LED	RECESSED
(G)	OPULENCE SMALL WALL MOUNT OUTDOOR LIGHT WITH BUILT-IN PHOTO SENSOR. LSI INDUSTRIES OPS-WM-BL-4F-UNV-40K8-X-ALBCS1 OR EQUAL	1	52	LED	OUTDOOR AREA
(X)	SURFACE MOUNTED EMERGENCY EXIT LIGHT LED WITH BUILT-IN EMERGENCY BATTERY PACK. WILLIAMS LTG #EXIT-R-EM-WHT-QS-D OR EQUAL.	1	5	LED	SURFACE MOUNT

NOTE: CONTRACTOR SHALL OBTAIN APPROVAL FROM ARCHITECT/OWNER FOR THE EXACT TYPE OF FIXTURE PRIOR TO ORDERING.



- KEY NOTES:**
- ATTACH WIRE TO FIXTURE (3 TIGHT TURNS MIN. IN 1 1/2" MAX.).
  - "TEK" SCREW GRID TO FIXTURE @ EACH CORNER.
  - ATTACH HANGER WIRES TO STRUCTURE AS PER STRUCTURAL & ARCHITECTURAL DETAILS.
  - CEILING SYSTEM SPLAY/HANGER WIRES AS OCCURS; SEE PLANS.
  - TROFFER CLAMP.



MINIMUM COVER REQUIREMENTS (IN INCHES)  
0-600 VOLTS, NEC TABLE 300.5 (PARTIAL)

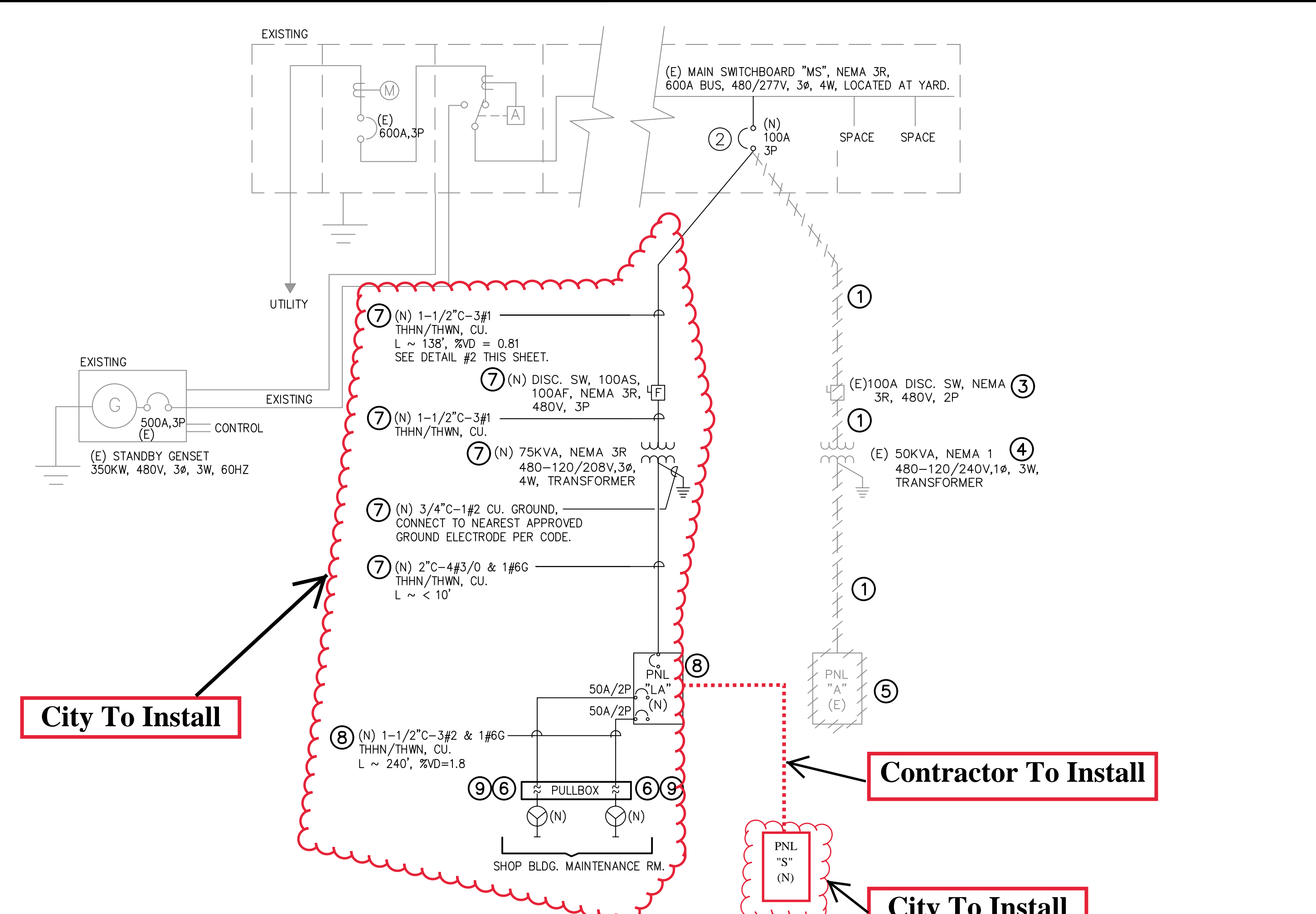
LOCATION OF WIRING METHOD OR CIRCUIT	COLUMN 1 DIRECT BURIAL CABLES OR CONDUCTORS	COLUMN 2 RIGID METAL CONDUIT OR INTERMEDIATE METAL CONDUIT
ALL LOCATIONS NOT SPECIFIED IN NEC TABLE 300.5	24	6
IN TRENCH BELOW 2" THICK CONCRETE OR EQUIVALENT	18	6
UNDER A BUILDING	0	0
UNDER STREETS, HIGHWAYS, ROADS, ALLEYS, DRIVEWAYS, AND PARKING LOTS	24	24

FIXTURE SCHEDULE NONE 6 SEISMIC SUPPORT DETAIL - DOWNLIGHT NONE 5 SEISMIC SUPPORT DETAIL - T-GRID RECESSED FIXTURE NONE 3 TYPICAL TRENCH DETAIL NONE 2

NEW PANEL "LA"									
MOUNTING SURFACE		DOUBLE LUG NO		Volts: 208Y/120V				MAIN BUS	
NEMA 3R NO		200% NO		Phases: 3				BUS	
FEED THRU NO		IG BUS NO		Wires: 4				A.I.C.	
								200A	
								225	
								10,000	
NO	DESCRIPTION	TRIP AMPS	POLES	A	B	C	A	B	C
1	OFFICE 1 & BREAKROOM LIGHTING	20A	1	372			171		
2	EXTERIOR LIGHTS	20A	1		156			116	
3	ROOF EF-1, 2, & 3	20A	1			1584			185
4	SPARE	20A	1						1
5	SPARE	20A	1						1
6	SPARE	20A	1						1
7	MICROWAVE	20A	1			1200			1
8	COFFEE MACHINE	20A	1			780			200
9	SPARE	20A	1						284
10	GARB. DISP.	20A	1			1656			1200
11	OFFICE 1 RECEPT.	20A	1	720			1200		1
12	OFFICE 1 RECEPT.	20A	1		720				1
13	CHARGING STATION	20A	1			500			540
14	TEL. BKBD	20A	1	720					1
15	SERVER CABINET	20A	1			500			180
16	SERVER CABINET	20A	1			500			180
17	50A SHOP BLDG. RECEPTACLE	50A	2	4000			4347		2
18	RECEPT. EXTERIOR	20A	1			4000			4347
19	OFFICE 2 & 3 RECEPT.	20A	1	720			936		2
20	50A SHOP BLDG. RECEPTACLE	50A	2	4000			360		2
21	RECEPTACLE LOAD = R					4140			100%

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL LOADS
CONTINUOUS LOAD = C	10586	125%	13208	
KITCHEN EQUIPMENT LOAD = K	4836	70%	3385	TOTAL CONN. LOAD (VA): 41290
LIGHTING LOAD = L	1000	125%	1250	TOTAL EST. DEMAND (VA): 42731
MOTOR LOAD = M	0	100%	--	TOTAL CONN. (AMPS): 115
NON-CONTINUOUS LOAD = N	20748	100%	20748	TOTAL EST. DEMAND (AMPS): 119
PANEL LOAD = P	0	100%	0	
RECEPTACLE LOAD = R	4140	100%	4140	

PANEL SCHEDULE NOTES:  
 (1) PROVIDE LOCK-ON DEVICE.  
 (2) PROVIDE LOCK-OFF DEVICE.  
 (3) CIRCUIT BREAKER CONTROLLED BY ANSUL SYSTEM. REFER TO HOOD FIRE SYSTEM INTERLOCK DIAGRAM.  
 (4) PROVIDE GFCI TYPE DEVICE.  
 (5) PROVIDE A RED CIRCUIT BREAKER.  
 (6) PROVIDE A NEW BREAKER TO EXISTING TYPE AND A.I.C. RATING IN PANEL.  
 (7) PROVIDE "HACR" TYPE CIRCUIT BREAKER FOR HVAC EQUIPMENT.  
 (8) PROVIDE PHOTOCELL AND TIME CLOCK CLOCK WITH RELAYS FOR EXTERIOR LIGHTING CONTROL. REFER TO EXTERIOR LIGHTING CONTROL DIAGRAM.  
 (9) EXISTING BREAKER  
 (10) CIRCUIT MADE AVAILABLE THROUGH DEMOLITION



- NOTES:**
- OWNER TO DISCONNECT AND REMOVE EXISTING FEEDER CONDUIT AND WIRES.
  - ELECTRICAL CONTRACTOR TO DISCONNECT AND REMOVE EXISTING 100A, 2P CIRCUIT BREAKER AND REPLACE IT WITH NEW 100A, 3P CIRCUIT BREAKER. NEW CIRCUIT BREAKER TO MATCH WITH EXISTING ELECTRICAL A.I.C./CHARACTERISTICS.
  - OWNER TO DISCONNECT AND REMOVE EXISTING 100A, 2P, DISCONNECT SWITCH.
  - OWNER TO DISCONNECT AND REMOVE EXISTING 50KVA, 1φ, 120/240V TRANSFORMER.
  - OWNER TO DISCONNECT AND REMOVE EXISTING PANEL A.
  - OWNER TO RUN FEEDERS FROM NEW PANEL 'LA' TO THE NEW WALL MOUNTED PULLBOX PROBABLE LOCATION TO INTERCEPT AND CONNECT TO NEMA 14-50 RECEPTACLE AT SHOP BUILDING MAINTENANCE ROOM.
  - OWNER TO PROVIDE AND INSTALL. VERIFY AND COORDINATE EXACT REQUIREMENTS WITH OWNER.
  - OWNER TO PROVIDE AND INSTALL. SEE E011.
  - OWNER TO PROVIDE AND INSTALL NEW PULLBOX AND FEEDER CONDUIT AND WIRES TO CONNECT TO NEW NEMA 14-50 RECEPTACLES AS NOTED ON NOTE #6.

LOAD CALCULATIONS:  
 EXISTING SERVICE METER # 259000-057670; 600A, 480Y/277V, 3φ, 4W  
 HIGHEST 'MS' MAX. DEMAND IN PAST 12 MONTHS:  
 HIGHEST MAX. METER DEMAND = 199 KW  
 199KW @ 0.8 POWER FACTOR = 248.8 KVA  
 TOTAL EXISTING DEMAND LOAD X 125% (DEC 220.87) = 311 KVA  
 REDUCTION OF LOAD (DEMOLITION OF PANEL 'A') = 35 KVA  
 NEW PANEL 'LA' (SCOPE OF WORK) = 42.9 KVA  
 TOTAL 'MS' DEMAND LOAD = 318.9 KVA  
 TOTAL 'MS' DEMAND LOAD IN AMPS @ 480Y/277V, 3φ, 4W = 384 AMPS

PANEL SCHEDULE NONE 4 EXISTING PARTIAL SINGLE LINE DIAGRAM NONE 1



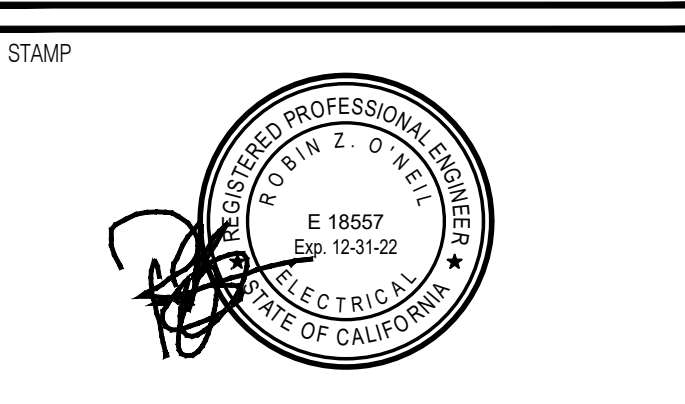
7821 WALKER STREET  
LA PALMA, CA 90623

PROJECT NAME  
**CITY YARD INTERIOR IMPROVEMENT PROJECT**

8415 Meadowlark Lane  
La Palma, CA 90623  
CITY PROJECT NO. 15-BLDG-03



STAMP



REV.	DESCRIPTION	DATE
-	PLAN CHECK SET	07.27.15
△	PLAN CHECK RE-SUBMITL SET	09.22.15
△	PLAN CHECK RE-SUBMITL SET	07.18.22
△	RESPONSE TO PLAN CHECK COMMENTS	08.23.22

KEY PLAN

PROJECT NO. 15X013.00  
 PRINT DATE 8/22/2022  
 DRAWN BY MO  
 CHECKED BY RO

SHEET TITLE  
**SINGLE LINE DIAGRAM, DETAILS & SCHEDULE**

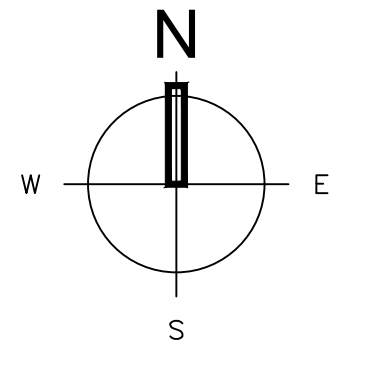
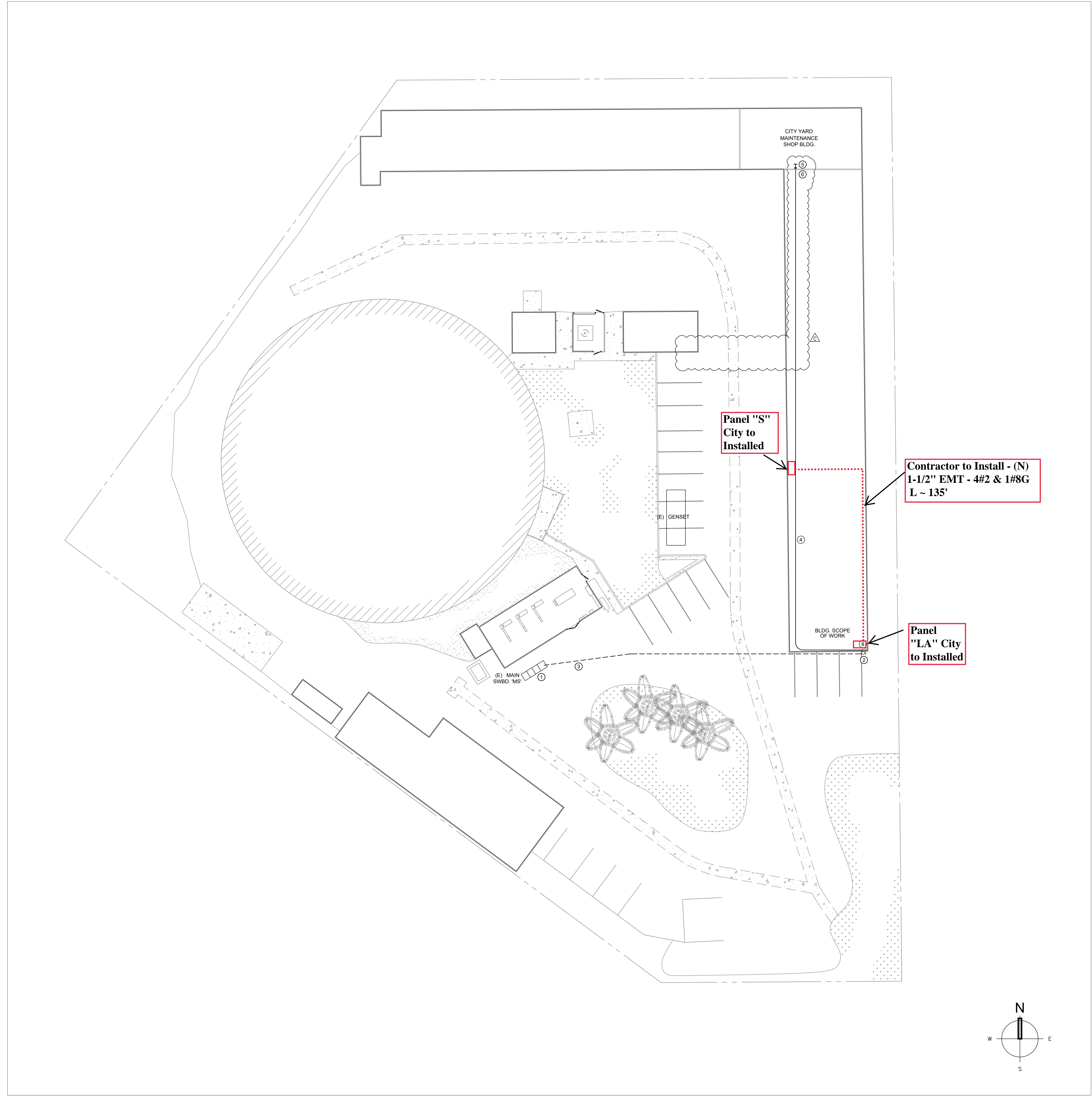
SHEET NUMBER  
**E002**

S:\PROJECTS\2015\Bareed\15X013.01\_La\_Palma\_City\_Yard\_Building\_Improvements\05\_CAD\05\_Elec\15X013\_E002\_Single\_Line\_Diagram\_Details\_Schedules.dwg

PROJECT #2015-267

PROGRESS SET - NOT FOR CONSTRUCTION

S:\PROJECTS\2015\Shared\15X013.01 La Palma City Yard Building Improvements\05\_CAD\05\_Elec\15x013.01 E011 Electrical Site Plan.dwg



**GENERAL NOTES**

A. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION WORK WITHIN THE TENANT SPACE.

B. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.

C. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND REMOVING ALL DEVICES, CONDUIT, AND WIRE NOT BEING REUSED WITHIN REMODEL AREAS.

D. RUN HOMERUNS TO PANELS/CIRCUITS AS SHOWN. IF THERE IS A CONFLICT WITH EXISTING CONDITIONS, USE THE NEXT AVAILABLE CIRCUIT.

E. REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWING FOR EXACT LOCATION AND REQUIREMENT OF ALL EQUIPMENT REQUIRING ELECTRICAL POWER.

F. PROVIDE NEW CONDUITS AND WIRING AS SHOWN ON PLAN, U.O.N.

G. REFER TO THE CONTRACT DOCUMENTS FOR ADDITIONAL DEMOLITION REQUIREMENTS WHICH AFFECT THE PROPER EXECUTION OF THIS WORK. DIAGRAMS AND SYMBOLS SHOWING ELECTRICAL CONNECTIONS ARE DIAGRAMMATIC ONLY. WIRING DIAGRAMS DO NOT NECESSARILY SHOW THE EXACT PHYSICAL ARRANGEMENT OF THE EQUIPMENT.

H. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH FEATURES OF THE BUILDING AND SITE WHICH MAY AFFECT THE PROPER PERFORMANCE OF THIS WORK.

I. PORTIONS OF THESE PLANS HAVE BEEN DERIVED FROM INFORMATION TAKEN FROM ORIGINAL ELECTRICAL PLANS. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO PROVIDE FOR THE REMOVAL AND DISPOSAL OF ELECTRICAL EQUIPMENT, LIGHTING FIXTURES, DEVICES, OUTLET BOXES, CONDUIT, WIRING AS DEFINED HEREIN AND AS INDICATED ELSEWHERE IN THE CONTRACT DOCUMENTS.

J. THE CONTRACTOR SHALL FIELD VERIFY EXISTING EQUIPMENT, DEVICES, AND/OR CIRCUITS THAT ARE REMAINING. CIRCUITS SHALL BE RECONNECTED TO NEW OR EXISTING POWER DISTRIBUTION EQUIPMENT AND FUNCTION IN THE MANNER THEY WERE ORIGINALLY DESIGNED. PROVIDE ADDITIONAL EQUIPMENT, DEVICES, OUTLET BOXES, CONDUIT, WIRING AS REQUIRED TO RESTORE CONTINUITY TO THESE CIRCUITS.

- KEY NOTES**
- 1 EXISTING MAIN SWITCHBOARD 'MS', 600A, 480/277V, 3Ø, 4W, NEMA 3R
  - 2 NEW 100AS, 100AF, 3P, 480V, WALL MOUNTED HEAVY DUTY DISCONNECT SWITCH, NEMA 3R
  - 3 NEW 1-1/2" - 3#1 THINWALL CU (BY OWNER)
  - 4 NEW (2) 1-1/2" WITH 3Ø & 1ØG IN EACH, POWER FEEDS FOR (2) SHOP BUILDING NEMA 14-50 RECEPTACLE (BY OWNER)
  - 5 NEW WALL MOUNTED PULL BOX NEMA 3R, 1Ø X 1Ø' X 6" OWNER TO PROVIDE, INSTALL AND CONNECT TO THE SHOP NEMA 14-50 RECEPTACLE. OWNER TO PROVIDE PULLBOX SUPPORTS PER CODE (BY OWNER)
  - 6 PROVIDE ENOUGH CONDUCTOR SLACK TO INTERCEPT AND CONNECT TO NEW WALL MOUNTED PULLBOX (BY OWNER)
  - 7 NOT USED.
  - 8 NEW PANEL 'LA' PROPOSED LOCATION. ELECTRICAL CONTRACTOR TO FIELD VERIFY.

REV.	DESCRIPTION	DATE
-	PLAN CHECK SET	07.27.15
△	PLAN CHECK RE-SUBMITL SET	09.22.15
△	PLAN CHECK RE-SUBMITL SET	07.18.22
△	RESPONSE TO PLAN CHECK COMMENTS	08.23.22

KEY PLAN

PROJECT NO.	15X013.00
PRINT DATE	8/22/2022
DRAWN BY	MO
CHECKED BY	RO

SHEET TITLE

**ELECTRICAL SITE PLAN**

SHEET NUMBER

**E011**

PROGRESS SET - NOT FOR CONSTRUCTION

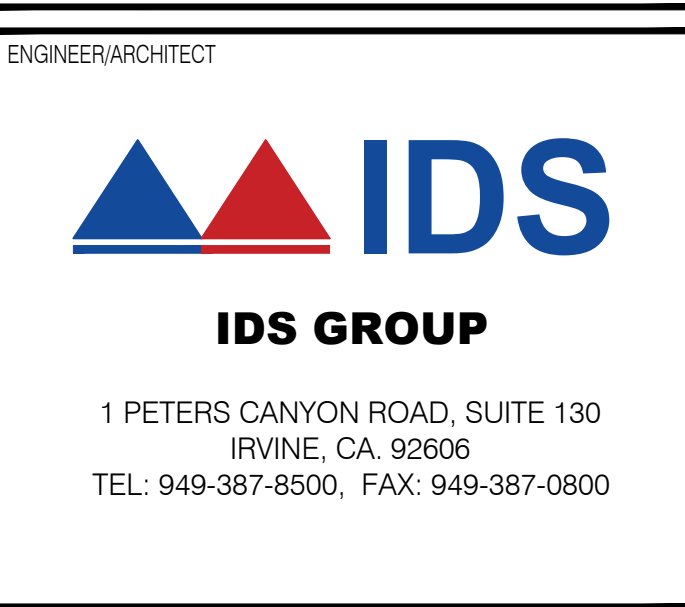


PROJECT NAME

**CITY YARD INTERIOR IMPROVEMENT PROJECT**

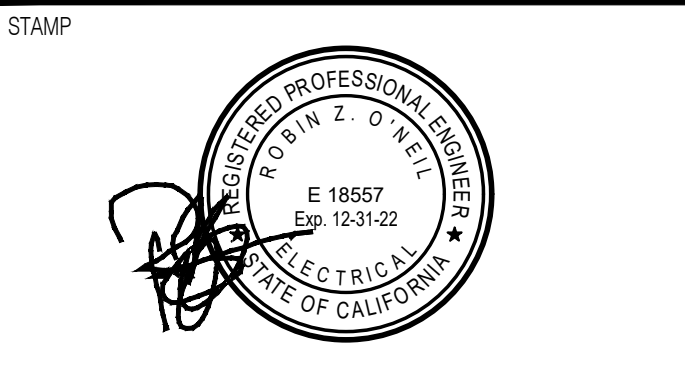
8415 Meadowlark Lane  
La Palma, CA 90623

CITY PROJECT NO. 15-BLDG-03



ENGINEER/ARCHITECT

STAMP



ISSUE

REV.	DESCRIPTION	DATE
-	PLAN CHECK SET	07.27.15
△	PLAN CHECK RE-SUBMITL SET	09.22.15
△	PLAN CHECK RE-SUBMITL SET	07.18.22
△	RESPONSE TO PLAN CHECK COMMENTS	08.23.22

KEY PLAN

PROJECT NO.	15X013.00
PRINT DATE	8/22/2022
DRAWN BY	MO
CHECKED BY	RO

SHEET TITLE

**ELECTRICAL SITE PLAN**

SHEET NUMBER

**E011**

PROJECT # 2015-267