## The Philadelphia Parking Authority 701 Market Street, Suite 5400 Philadelphia, PA 19106

## Bid No. 24-17 Electrical Upgrades at Autopark at Fashion District and Autopark at Olde City Addendum Four

То:	See Email Distribution List
From:	Shannon Stewart Manager of Contract Administration
Date:	August 2, 2024

No Pages: 2 plus Appendix A-C

This addendum is issued on August 2, 2024, prior to the bid due date to add, delete, modify, clarify and/or to respond to questions submitted by Prospective Bidders regarding the work included in the above referenced solicitation.

## **CHANGES TO THE BID DOCUMENT**

- 1. Additional Drawings: Attached as Appendix A are Sheets E-601-604 for both locations which are being added to the drawings for each location.
- 2. Updated Drawings: E-001 for both locations have been revised and is attached as Appendix B.
- 3. Bid Manual Revision: Section 00 01 15 has been revised and is attached as Appendix C.

## QUESTIONS

**1. Question:** Please provide panel schedules for all the new panels to be installed. We cannot get pricing without this information.

Response: Panel schedules are attached as Appendix A of this addendum.

**2. Question:** At Autopark at Olde City, regarding, E-205, will the specified Gleon Lighting poles match the currently installed anchor bolts for the existing poles?

Response: The plans do not call for the replacement of the poles, only the replacement of the pole mounted fixtures. The existing poles will remain.

**3.** Question: At Autopark at Olde City, regarding, E-300, Temp. Generator: Please provide a single line diagram how the generator will be connected.

Response: Please refer to Appendix A of Addendum #3, Sheet E-600, which was revised to show temporary power on the one-line diagram. The intent is to connect the temporary generator to the new distribution panel 800A, 480Y/277V. So, downstream panels will need to be recircuited to the new distribution panel to receive generator power.

**4. Question:** At Autopark at Fashion District, E-601 shows a grounding plan, will all new grounding system be required on this project, including rebar grounding?

Response: The intent is that the new switch and step-down transformers be grounded per NEC requirements, meeting those requirements will be sufficient.

**5. Question:** At Autopark at Olde City, regarding, E-601 shows a grounding plan, will all new grounding system be required on this project, including rebar grounding?

Response: The intent is that the new switch and step-down transformers be grounded per NEC requirements, meeting those requirements will be sufficient.

**6. Question:** At Autopark at Fashion District, in order to provide accurate bids for the project, please provide single lines of the entire electrical system as currently installed.

Response: There are no known as-built/record drawings to build a one-line off of and Kimley-Horn does not have the means to open panels and switchboards to trace out wiring from panel to panel. The generated one-line diagrams were based off visual connections of conduit between electrical equipment.

**7. Question:** At Autopark at Olde City, in order to provide accurate bids for the project, please provide single lines of the entire electrical system as currently installed.

Response: There are no known as-built/record drawings to build a one-line off of and Kimley-Horn does not have the means to open panels and switchboards to trace out wiring from panel to panel. The generated one-line diagrams were based off visual connections of conduit between electrical equipment.

## END OF ADDENDUM FOUR

## Bid No. 24-17 Addendum #4 -Appendix A Sheets E-601-604

**BANEL HP - GROUND FLOOR** N.T.S.

						Pa	anel Scheo	lule							
		Exis	ting Panel HP	Location	n: Existing	Server R	oom Volt	ts: 480Y/27	7V Pha	ase:3 V	Vire: 4	Hertz: 60			
			MLO	Main AIC:	N/A Brand	ch AIC: (S	ee Note 3)	) ENCL.	(NEMA):	1 MTG	: Surface				
				225	5 Amp Fran	ne , Grour	nd Bar, Lo	cking Cove	r, Panel C	Card.					
Description of Load Served	Br	reaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Bre	aker	Description of Load Serve
•	Amp	Pole	VIIC	A	В	C			А	В	С	VVIC	Amp	Pole	·
SPACE		1					1	2	EX						SPACE
			EXIST		EX		3	4		EX		EXIST	20	2	HOT WATER HEATER
AC		3	EXIST			EX	5	6			EX	EXIST		-	
			EXIST	EX			7	8							SPACE
			EXIST		EX		9	10							
AC		3	EXIST			EX	11	12					20	3	NC
			EXIST	EX			13	14							
			EXIST		EX		15	16							
AC + HEAT	30	3	EXIST			EX	17	18					20	3	NC
			EXIST	EX			19	20							
		_	EXIST		EX		21	22							
AC + HEAT	30	3	EXIST			EX	23	24					20	3	NC
			EXIST	EX			25	26							
			EXIST		EX		27	28							
NC		3	EXIST			EX	29	30					20	3	NC
			EXIST	EX			31	32							
			EXIST		EX		33	34		EX		EXIST	20	1	32
TRANSFORMER		3	EXIST			EX	35	36	= \		EX	EXIST	20		34
00405			EXIST	EX			25	26	EX			EXIST	20	1	36
SPACE		1	EXIST				27	28		EX		EXIST	20	1	38
SPACE		1	EXIST				29	30			EX	EXIST	20	1	40
SPACE		1	EXIST				31	32				EXIST	20	1	SPACE

2	PANEL	P1-A -	GROUND	FLOOR
E-602	N.T.S.			

						Pa	anel Sched	ule							
		Existi	ng Panel P1-A	A Location	: Existing E	Electrical	Room Vo	olts: 480Y/2	277V F	hase: 3	Wire: 4	Hertz: 60			
			MLO	Main AIC:	N/A Branc	h AIC: (S	See Note 3)	ENCL.	(NEMA):	1 MTG	: Surface	!			
				100	Amp Fram	ie , Grou	nd Bar, Loc	king Cove	r, Panel (	Card.					
Description of Load Served	Bi	reaker	- Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	VVIIC	A	В	С		CIT NO.	А	В	С	VVIIC	Amp	Pole	Description of Load Served
				EX			1	2	EX			EXIST	20	1	MENS ROOM HEAT
FIRE PUMP	20	3	EXIST		EX		3	4		EX		EXIST	20	1	HEAT COMP
						EX	5	6			EX	EXIST	20	1	OFFICE HEAT
LEFT TURN SIGN 1ST EXIT	20	1	EXIST	EX			7	8	EX			EXIST	20	1	HEAT SFC OFFICE
HEATER JANITOR CLOSET	20	1	EXIST		EX		9	10		EX		EXIST	20	1	SPARE
HEAT LADIES ROOM	20	1	EXIST			EX	11	12			EX	EXIST	20	1	SPARE
LIGHTS IN OFFICE	20	1	EXIST	EX			13	14	EX			EXIST	20	1	SPARE
SFC OFFICE LITES COMP. RM	20	1	EXIST		EX		15	16		EX		EXIST	20	1	SPARE
SPARE	20	1	EXIST			EX	17	18			EX	EXIST	20	1	SPARE
SPARE	20	1	EXIST	EX			19	20							
SPACE		1					21	22				EXIST	20	3	SPARE
SPACE		1					23	24				]			

Existing Panel LP1 Location: Existing Electrical Room Volts: 208Y/120V Phase: 3 Wire: 4 Hertz: 60

$\overline{1}$	PANEL LP1 - GROUND FLOOR
E-602	N.T.S.

			MLO	Main AIC:	N/A Brand	ch AIC: (S	ee Note 3)	ENCL.	(NEMA):	<u>1 MTG</u>	j; S
				100	Amp Fram	ne , Grour	nd Bar, Loo	king Cove	r, Panel C	Card.	
Description of Load Served	Br	reaker	Wire		A/Phase			CKT No.		A/Phase	
Description of Load Served	Amp	Pole		A	В	С			А	В	
EXISTING	20	1	EXIST	EX			1	2	EX		
EXISTING	20	1	EXIST		EX		3	4		EX	
EXISTING	30	2	EXIST			EX	5	6			
EVIDLING	30		EXIST	EX			7	8	EX		
EXISTING	20	1	EXIST		EX		9	10		EX	
EXIT GATE	20	1	EXIST			EX	11	12			
HOWD DRY	20	2	EXIST	EX			13	14	EX		
	20	2	EXIST		EX		15	16		EX	
AC OFFICE	20	2	EXIST			EX	17	18			
AC OFFICE	20	2	EXIST	EX			19	20	EX		
CU3	30	2	EXIST		EX		21	22		EX	
003	30		EXIST			EX	23	24			
EXISTING	20	2	EVICT	EX			25	26	EX		
EXISTING	20	2	EXIST		EX		27	28		EX	
SPARE	20	1	EXIST			EX	29	30			

GENERAL NOTE: CONTRACTOR SHALL VERIFY PANEL SCHEDULE ON PLANS WITH PANELS ON SITE. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

						Pa	nel Sched	ule							
		Existin	ng Panel HP-	1 Locatior	n: Existing	SERVER	Room V	olts: 480Y/	277V F	Phase: 3	Wire: 4	Hertz: 60			
			MLO	Main AIC:	N/A Brand	h AIC: (S	ee Note 3)	ENCL.	(NEMA):	1 MTG	: Surface	!			
				225	5 Amp Fram	ne , Grour	nd Bar, Loc	king Cove	r, Panel C	Card.					
Dependention of Logal Conved	Br	eaker	10/500		A/Phase		CKT No.			A/Phase		10/200	Bre	aker	Description of Load Come
Description of Load Served	Amp	Pole	Wire	А	В	С	CKINO.	CKINO.	Α	В	С	Wire	Amp	Pole	Description of Load Serve
			EXIST	EX			1	2	EX			EXIST	-	1	SPACE
A/C COND. UNIT LEVEL 2	30	3	EXIST		EX		3	4		EX		EXIST	-	1	SPACE
			EXIST			EX	5	6			EX	EXIST	-	1	SPACE
			EXIST	EX			7	8				EXIST			
A/C COND. UNIT LEVEL 2	30	3	EXIST		EX		9	10				EXIST	60	3	SPARE
			EXIST			EX	11	12				EXIST			
			EXIST				13	14				EXIST			
SPARE	30	3	EXIST				15	16				EXIST	60	3	SPARE
			EXIST				17	18				EXIST			
SPARE	20	1	EXIST				19	20				EXIST	20	1	SPARE
HEATER	20	1	EXIST		EX		21	22		EX		EXIST	20	1	HEATER
HEATER	20	1	EXIST			EX	23	24				EXIST	20	1	SPARE
SPARE	20	1	EXIST				25	26				EXIST	20	1	SPARE
SPARE	20	1	EXIST				27	28				EXIST	30	2	SDADE
SPARE	20	1	EXIST				29	30				EXIST	30	2	SPARE

**PANEL HP-1 - GROUND FLOOR** N.T.S.

							anel S
		E	xisting Panel E				
			100A MLO		C: N/A Bra		
				100	) Amp Fran	ne , Grou	nd Ba
Description of Load Served		eaker	Wire		APhase	1	⊣ск
	Amp	Pole	*****	A	В	С	
				EX			
EM-3	50	3	EXIST		EX		
						EX	_
SPARE	20	1					
SPARE	20	1					
SPARE	20	1					
SPARE	20	1					
SPARE	20	1					
SPARE	20	1					
SPACE							
SPARE	20	1					
SPARE	20	1					
SPARE	20	1					
SPARE	20	1					
SPACE	20	1					
SPACE							
SPACE							
SPACE							
SPACE							

# 5 E-602 PANEL EM-2 - FLOOR 3 N.T.S.

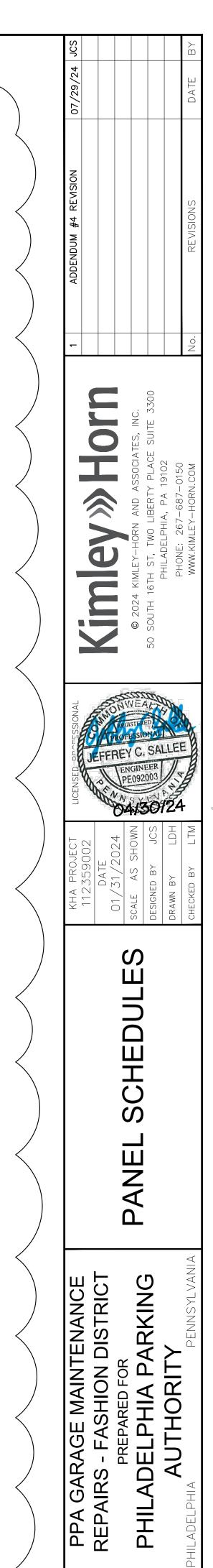
							nel Sched								
			Existing Pane												
			225A MLO		C: N/A Bra			,		/	TG: Surfa	ce			
				225	Amp Fram	ne , Grour	nd Bar, Loc	king Cove	<sup>-</sup> , Panel C	ard.					
Description of Load Served	Br	reaker	Wire		A/Phase			CKT No.		<b>A</b> /Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole		A	В	С			А	В	С	vvie	Amp	Pole	Description of Load Served
				EX			1	2						1	SPACE
PNL P2 III	60	3	EX		EX		3	4						1	SPACE
						EX	5	6						1	SPACE
				EX			7	8							
PNL P2 II	60	3	EX		EX		9	10					60	3	SPARE
						EX	11	12							
LIGHTS ON ROOF 4-5	20	1		EX			13	14				EX	20	1	LIGHTS ON ROOF 1-2-3
SPARE	20	1					15	16						1	SPARE
8TH FLOOR ELEVATOR LOBBY	20	1	EX			EX	17	18			EX	EX	20	1	PENT HOUSE LIGHTS
SPARE	20	1					19	20						1	SPARE
SPARE	20	1					21	22						1	SPARE
SPACE							23	24							SPACE
SPACE							25	26							SPACE

## 225A PANEL - FLOOR 4 <u>6</u> Е-602 **225**А N.T.S.

## Breaker Wire Description of Load Served Amp Pole Amp Pole EXIST 20 1 EXIST 20 1 EXIST 20 2 EXIST 20 2 EXIST 20 1 EXISTING EXISTING EXISTING EXISTING EXISTING EXIST 20 1 EXIST 20 1 EXISTING EXISTING EXIST 20 JOCKEY PUMP 1 EXIST 20 EXISTING 1 EXIST 20 1 EXISTING EXIST 20 AC 2 -----EXIST 20 AC2 2

3 Volts:	480Y/277∖	/ Phase	e:3 Wire	e:4 Hei	rtz: 60			
See Note	3) ENC	L. (NEMA)	): 1 <mark></mark> M⊓	G: Surfac	ce			
d Bar, Loc	king Cove	r, Panel C	ard.					
CKT No.	CKTND		A/Phase		Wire	Brea	aker	Description of Load Served
GRT NO.	GRT NO.	А	В	С	VIIE	Amp	Pole	Description of Load Served
1	2	EX			EX	20	1	CUTHBERT ST WALLPACK EAST
3	4		EX		EX	20	1	CUTHBERT ST WALLPACK WEST
5	6					20	1	SPARE
7	8					20	1	SPARE
9	10					20	1	SPARE
11	12					20	1	SPARE
13	14					20	1	SPARE
15	16					20	1	SPARE
17	18					20	1	SPARE
19	20					20	1	SPARE
21	22					20	1	SPARE
23	24					20	1	SPARE
25	26					20	1	SPARE
27	28					20	1	SPARE
29	30							SPARE
31	32							SPACE
33	34							SPACE
35	36							SPACE
37	38							SPACE

Panel Schedule



SHEET NUMBER

E-602

		Exi	sting 100A Un	labeled Pa	nel Locati	on: 5th F	loor Volts	s:480Y/277	V Phas	se: 3 Wi	ire:4 ⊦	lertz: 60			
			MLO	Main AIC:	N/A Branc	h AIC: (S	ee Note 3)	ENCL.	(NEMA):	1 MTG:	Surface				
				60 /	Amp Fram	e , Groun	d Bar, Loc	king Cover	, Panel C	ard.					
Description of Load Served	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	vvire	А	В	С			А	В	С	vvire	Amp	Pole	Description of Load Served
5TH AND 6TH FLOOR LIGHTING - EAST	20	1	EXIST	EX			1	2	EX			EXIST	20	1	6TH FLOOR LIGHTING - EAS
SPARE	20	1					3	4					20	1	SPARE
7TH FLOOR LIGHTING - EAST	20	1	EXIST			EX	5	6					20	1	SPARE
SPARE	20	1					7	8					20	1	SPARE
SPARE	20	1					9	10					20	1	SPARE
7TH FLOOR LIGHTING - WEST	20	1	EXIST			EX	11	12					20	1	SPARE
SPARE	20	1					13	14					20	1	SPARE
SPARE	20	1					15	16					20	1	SPARE
SPARE	20	1					17	18					20	1	SPARE
SPACE	20	1					19	20					20	1	SPACE
SPACE	20	1					21	22					20	1	SPACE



# 100A UNLABELED PANEL - FLOOR 5 N.T.S.

Panel Schedule Existing Panel P2-2 Location: 5th Floor Volts:480Y/277V Phase: 3 Wire: 4 Hertz: 0 MLO Main AIC: N/A Branch AIC: (See Note 3) ENCL. (NEMA): 1 MTG: Surface 60 Amp Frame , Ground Bar, Locking Cover, Panel Card. 
 A/Phase
 CKT No.
 CKT No.
 A/Phase

 A
 B
 C
 CKT No.
 A
 B
 C
 Breaker Description of Load Served Wire Amp 20 Pole 1 2 EX 5th FLOOR LIGHTING - WEST EXIST EX 1 6TH OUT 20 1 EXIST 3 4 EX SPARE 20 5 6 1 SPARE 7 8 20 1 SPARE 9 10 20 1 
 EX
 11
 12

 13
 14

 15
 16

 17
 18

 19
 20

 21
 22
 20 20 20 20 20 20 20 20 7TH FLOOR WEST 1 EXIST 1 SPARE SPARE 1 1 SPARE SPACE 1 SPACE 1

# **PANEL P2-2 - FLOOR 5** N.T.S.

						Pa	anel Sched	ule							
			Existing Pa	nel P2-3 I	Location: 5	th Floor	Volts:480	Y/277V	Phase: 3	Wire: 4	Hertz:	60			
			MLO	Main AIC:	N/A Branc	h AIC: (S	ee Note 3)	ENCL.	(NEMA):	1 MTG:	Surface				
				60	Amp Frame	e , Groun	d Bar, Loc	king Cover	, Panel C	ard.					
Description of Load Served	Bi	reaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Conved
Description of Load Served	Amp	Pole		A	В	С		UNI NO.	А	В	С		Amp	Pole	Description of Load Served
5TH AND 6TH FLOOR LIGHTING - EAST	20	1	EXIST	EX			1	2	EX			EXIST	20	1	6TH FLOOR LIGHTING - EAST
SPARE	20	1					3	4					20	1	SPARE
7TH FLOOR LIGHTING - EAST	20	1	EXIST			EX	5	6					20	1	SPARE
SPARE	20	1					7	8					20	1	SPARE
SPARE	20	1					9	10					20	1	SPARE
7TH FLOOR LIGHTING - WEST	20	1	EXIST			EX	11	12					20	1	SPARE
SPARE	20	1					13	14					20	1	SPARE
SPARE	20	1					15	16					20	1	SPARE
SPARE	20	1					17	18					20	1	SPARE
SPACE							19	20							SPACE
SPACE							21	22							SPACE

PANEL P2-3 - FLOOR 5 3 E-603 N.T.S.

					-	Pa	nel Sched	ule							
			Existing Pa	nel L2A L	ocation: 5	th Floor	Volts:208	Y/120V F	Phase: 3	Wire: 4	Hertz:	60			
			MLO	Main AIC:			,		· /		Surface				
				100	Amp Fram	ne , Grour	nd Bar, Loo	king Cove	r, Panel C	Card.					
Description of Load Served	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	VIIe	A	B	С		CRINO.	А	В	С		Amp	Pole	Description of Load Served
S	20	1		EX			1	2					20	1	SPARE
SPARE	20	1					3	4					20	1	SPARE
В	20	1				EX	5	6			EX		20	1	SOUTH EAST
Н	20	1		EX			7	8					20	1	SPARE
SPARE	20	1					9	10					20	1	SPARE
SPARE	20	1					11	12					20	1	SPARE
SPARE	20	1					13	14					20	1	SPARE
TEMP W/ LOOP	20	1			EX		15	16					20	1	SPARE
SPACE	20	1											20	1	SPACE

**PANEL L2A - FLOOR 5** N.T.S.

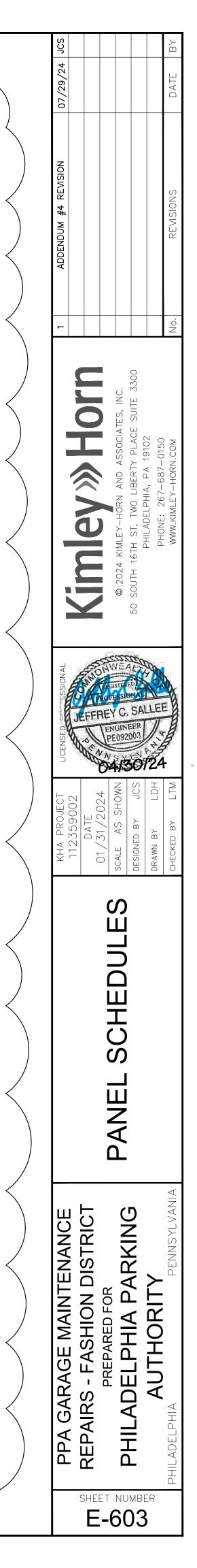
					··· ·· —·		Panel Sch								
					Hallway El							ertz: 60			
			150A M		AIC: N/A			,			MTG: Su	rface			
				,	125 Amp Fi	rame , Gr	ound Bar, I	_ocking Co	over, Pane				1		
Description of Load Served	Br	reaker	Wire		A/Phase			CKT No.		APhase	1	Wire	Brea		Description of Load Served
	Amp	Pole		A	В	С			Α	В	С		Amp	Pole	-
EXISTING	20	1	EX	EX			1	2	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		3	4		EX		EX	20	1	EXISTING
EXISTING	20	1	EX			EX	5	6			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			7	8	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		9	10		EX		EX	20	1	EXISTING
EXISTING	20	1	EX			EX	11	12			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			13	14	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		15	16		EX		EX	20	1	EXISTING
EXISTING	20	1	EX			EX	17	18			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			19	20	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		21	22		EX		EX	20	1	EXISTING
EXISTING	20	1	EX			EX	23	24			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			25	26	EX			EX	20	1	EXISTING
	00	0			EX		27	28		EX		EX	20	1	EXISTING
EXISTING	20	2	EX			EX	29	30			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			31	32	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		33	34		EX		EX	20	1	EXISTING
EXISTING	20	1	EX			EX	35	36			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			37	38	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		39	40		EX		EX	20	1	EXISTING
EXISTING	15	1	EX			EX	41	42			EX	EX	20	1	EXISTING

5 E-603 PANEL LP - HALLWAY ELECTRIC ROOM

							Panel Sch	odulo							
			Panel HP1	Location:	Hallway F	lectric Ro			7V Pha	ISP: 3 M	/ire <sup>.</sup> 4	lertz: 60			
				Main Al							ric: 4 i rG: Surfa				
					125 Amp Fi		· · · · · · · · · · · · · · · · · · ·	,		,					
	Br	eaker			APhase	<u></u> ,			, , , , , , , , , , , , , , , , , , ,	A/Phase			Brea	aker	
Description of Load Served	Amp	Pole	Wire	A	B	С	CKT No.	CKT No.	Α	B	С	Wire	Amp	Pole	Description of Load Served
SPACE		1					1	2						1	SPACE
					EX		3	4		EX					
HEAT PUMP 12	20	3	EX			EX	5	6			EX	EX	20	3	HEAT PUMP 13
				EX			7	8	EX						
					EX		9	10		EX					
HEAT PUMP 14	20	3	EX			EX	11	12			EX	] EX	20	3	HEAT PUMP 15
				EX			13	14	EX						
					EX		15	16		EX					
HEAT PUMP 16	20	3	EX			EX	17	18			EX	EX	20	3	HEAT PUMP 17
				EX			19	20	EX						
					EX		21	22		EX		_			
HEAT PUMP 18	20	3	EX			EX	23	24			EX	EX	20	3	HEAT PUMP 19
				EX			25	26	EX						
					EX		27	28		EX		-			
HEAT PUMP 20	20	3	EX			EX	29	30			EX	EX	20	3	HEAT PUMP 21
			-	EX			31	32	EX						
		_			EX		33	34		EX					
PANEL HP2	100	3	EX			EX	35	36	_ \		EX	EX	60	3	PANEL LP
				EX			37	38	EX						
SPARE	20	1	EX				39	40				EX	20	1	SPARE
SPARE	20	1	EX				41	42				EX	20		SPARE
SPARE	20	1	EX				43	44				EX	20		SPARE

Brea	aker	Departmention of Load Served
Amp	Pole	Description of Load Served
20	1	6TH FLOOR LIGHTING - WEST
20	1	SPARE
20	1	SPACE
20	1	SPACE
	Amp 20 20 20 20 20 20 20 20 20 20 20 20	20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1           20         1

# 6 E-603 PANEL HP1 - HALLWAY ELECTRIC ROOM



							Panel Sch	nedule							
			Panel HP2	Location:	: Hallway E	lectric Ro	om Volts	s: 480Y/27 <sup>-</sup>	7V Pha	se: 3 V	/ire: 4 ⊢	lertz: 60			
			150A N	1CB Main	AIC: N/A	Branch Al	C: (See No	ote 3) El	NCL. (NEI	MA): 1	MTG: Su	face			
					125 Amp F	rame , Gro	ound Bar,	Locking Co	over, Pane	el Card.					
Description of Load Served	Br	reaker	Wire		A/Phase		CKTNO	CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
	Amp	Pole	VVIIe	A	В	C	GRT NO.	GRT NO.	А	В	C		Amp	Pole	Description of Load Served
EAST LIGHTING	20	1	EX	EX			1	2	EX			EX	20	1	NORTH LIGHTING
NORTH LIGHTING	20	1	EX		EX		3	4		EX		EX	20	1	SOUTH LIGHTING
LIGHTING IN BACK STPRAGE	20	1	EX			EX	5	6			EX	EX	20	1	COORIDOR LIGHTING
SPARE	20			EX			7	8	EX			EX	20	1	WALL HEATER VEST
SPARE	20				EX		9	10		EX		EX	20	1	BASEBOARD HEATER CSR OFFICE
BASEBOARD HEATER SSD OFFICE	20	1	EX			EX	11	12			EX	EX	20	1	BASEBOARD HEATER SSD OFFICE
BASEBOARD HEATER SSD OFFICE	20	1	EX	EX			13	14	EX			EX	20	1	BASEBOARD HEATER SSD OFFICE
BASEBOARD HEATER SSD OFFICE	20	1	EX		EX		15	16		EX					
WATER HEATER	20	2	EX			EX	17	18			EX	EX	30	3	WATER HEATER
WATER HEATER	20	2		EX			19	20	EX						
SPARE	20	1					21	22						1	SPACE
SPARE	20	1					23	24						1	SPACE
SPACE		1					25	26						1	SPACE
SPACE		1					27	28						1	SPACE
SPACE		1					29	30						1	SPACE

HP2 - HALLWAY ELECTRIC ROOM 1 E-604 **HP2** N.T.S.

						Pa	anel Sched	lule							
		I	Existing Pane	el HP Loca	ation: Cou	rts Electri	c Volts:4	80Y/277V	Phase:	3 Wire	:4 Her	z: 60			
			MLO	Main AIC:	N/A Brand	chAlC:(S	ee Note 3)	ENCL.	(NEMA):	1 MTG	Surface				
				60	Amp Fram	ie , Groun	d Bar, Loc	king Cover	, Panel C	ard.					
Departmention of Load Served	Bi	reaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Bre	aker	Description of Load Sorvey
Description of Load Served	Amp	Pole		A	В	С		CKT NO.	А	В	C	vvire	Amp	Pole	Description of Load Serve
				EX			1	2						1	SPACE
A/C COND UNIT LEVEL 2	30	3	EX		EX		3	4						1	SPACE
						EX	5	6				EX		1	SPACE
				EX			7	8							
AC COND UNIT LEVEL 2	30	3	EX		EX		9	10				EX	60	3	SPARE
						EX	11	12				1			
							13	14							
SPARE	30	3					15	16				EX	60	3	SPARE
							17	18							
SPARE	20	1					19	20	EX				20	1	SPARE
HEATER	20	1	EX		EX		21	22		EX		EX	20	1	HEATER
HEATER	20	1	EX			EX	23	24					20	1	SPARE
SPARE	20	1					25	26					20	1	SPARE
SPARE	20	1					27	28					00		
SPARE	20	1	1				29	30				1	30	2	SPARE

# HP - COURTS ELECTRIC ROOM

							nel Schec								
		Exis	ting Panel EL												
			225A MCE								TG: Surfa	се			
				225	Amp Fram	ne , Grour	nd Bar, Loo	cking Cove	r, Panel C	Card.					
Description of Load Served	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Serve
Description of Load Served	Amp	Pole	Vile	A	В	С		CKT NU.	A	В	C	viie	Amp	Pole	Description of Load Serve
				EX			1	2	EX						
ELEVATOR 4	70	3	EX		EX		3	4		EX		EX	70	3	ELEVATOR 2
						EX	5	6			EX				
							7	8							
ELEVATOR 3	70	3	EX				9	10				EX	60	3	#1
							11	12							
SPACE							13	14							
SINGLE PHASE TRANSFER	30	1	EX				15	16				EX	60	3	#2
SPACE							17	18				1			

PANEL ELP - ELEVATOR MACHINE ROOM 3 E-604 N.T.S.

		Existing Pane	IELP Locat	ion: Elevato	or Machine	Room \	/olts:240/1	20 Pha	se:1 W	'ire: 4 Her	tz: 60		
		40A M(	CB Main Al	C: N/A Bra	anch AIC: (	See Note	3) ENCL	(NEMA)	):1 MT	G: Surface			
			4(	) Amp Fran	ne , Groun	d Bar, Loci	king Cover	, Panel C	ard.				
Description of Load Served	Br	eaker	Wire	A/Pł	nase	CKTND	CKT No.	A/PI	hase	Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	VVIIC	A	В		GRT NU.	А	В		Amp	Pole	Description of Load Served
DAMPERS	20	1	EX	EX		1	2	EX		EX	20	2	CU 4
PECO ANTENNA	20	1	EX		EX	3	4		EX		20	2	604
GROUP POWER	20	1	EX	EX		5	6	EX		EX	20	2	AHU2
CAB LIGHTS 4	20	1	EX		EX	7	8		EX	]	20	2	AHUZ
CAB LIGHTS 3	20	1	EX	EX		9	10	EX		EX	20	1	
CAB LIGHTS	20	1	EX		EX	11	12		EX	] =^	20		AHU1
CU RECP	20	1	EX	EX		13	14	EX					
CU 5	20	2	EX		EX	15	16		EX	EX	40	3	MAIN
005	20	2	EX	EX		17	18	EX		]			



							nel Sched								
		Exis	ting Panel EN	<b>M1</b> Location	n: Main Meo	chanical R	toom Voli	ts:480Y/27	7V Pha	ise: 3 N	/ire: 4 H	Hertz: 60			
			MLO	Main AIC:			,		· ,		Surface				
				100	Amp Fram	ne , Groun	d Bar, Loo	king Cove	r, Panel C	Card.					
Description of Load Served	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Bre	aker	Description of Load Serve
Description of Load Served	Amp	Pole	VVIIE	A	B	C			А	В	C	VVIE	Amp	Pole	Description of Load Serve
SIGNS PARK EXIT 3 THRU	20	1		EX			1	2					20	1	
LUL 2 FILBERT LIGHTS	20	1			EX		3	4					20	1	
EXISTING	20	1				EX	5	6					20	1	
PRWT BAA LIGHTS	20	1		EX			7	8	EX				20	1	FRONT LOBBY
EXISTING	20	1			EX		9	10		EX					
HALL LIGHTS	20	1				EX	11	12			EX	EX	50	3	FILBERT EM LIGHTS
SPACE	20	1					13	14	EX						
SPACE	20	1					15	16					20	1	R
SPARE	20	1					17	18					20	1	SPARE
SPARE	20	1					19	20					20	1	SPARE
SPARE	20	1					21	22					20	1	SPACE
SPACE	20	1					23	24					20	1	SPACE

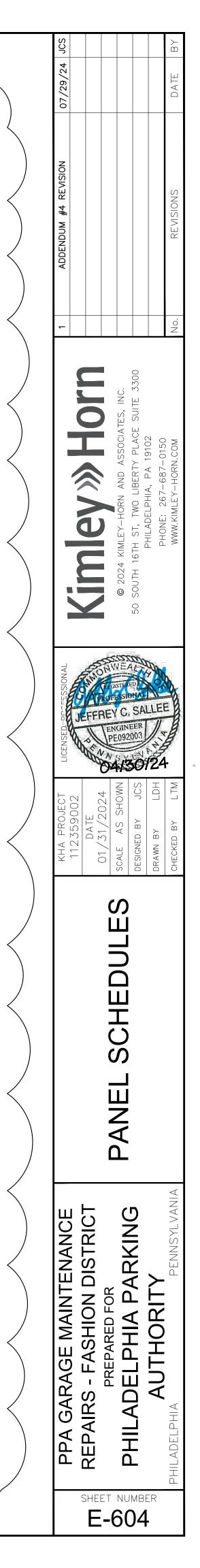
• •	PANEL EM1	- MAII
E-604	N.T.S.	

						Pa	anel Sched	ule							
		Ex	isting Panel E	MA Locat	ion: Main M	echanical	Room Vo	olts:120/24	0 Phas	se: 1 Wi	re: 4 H	ertz: 60			
			40A MCB	Main Al	C: N/A Bra	nch AIC:	(See Note	3) ENC	L. (NEMA	): 1 MT	G: Surfac	e			
				40	Amp Fram	e , Groun	d Bar, Loc	king Cover	, Panel C	ard.					
Description of Load Sarvad	Breaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served	
Description of Load Served	Amp	Pole		A	В	C			A	В	C	vvire	Amp	Pole	<ul> <li>Description of Load Served</li> </ul>
				EX			1	2							SPACE
MAIN	40	3	EX		EX		3	4							SPACE
						EX	5	6							SPACE
SPARE	20	1					7	8	EX						TELEPHONE RECEP - MECH R
GENERATOR CHARGER	20	1			EX		9	10							SPARE
SPARE	20	1					11	12							SPARE
F/A BOOSTERS	20	1		EX			13	14							SPARE
SPARE	20	1					15	16							SPACE
SPARE	20	1					17	18							SPACE

 Image: 1
 PANEL EMA - MAIN ELECTRICAL ROOM

 N.T.S.
 N.T.S.

## AIN ELECTRICAL ROOM



			125 M	CB Main	AIC: N/A E	Branch Al	C: (See No	te 3) EN	ICL. (NEI	MA): 1 I	MTG: Sur	face			
					225 Amp Fi	rame , Gr	ound Bar, I	_ocking Co	over, Pan	el Card.					
Departmention of Load Sonrad	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Departmention of Load Sonver
Description of Load Served	Amp	Pole		А	В	C		CKT NO.	А	В	С	vile	Amp	Pole	Description of Load Served
				EX			1	2	EX						
MAIN CIRCUIT BREAKER	125	3	EX		EX		3	4		EX		EX	50	3	HEATING
						EX	5	6			EX				
				EX			7	8	EX						
HEAT + AIR INSIDE UNIT	70	3	EX		EX		9	10		EX		EX	40	3	208Y/120 TRANSFORMER
						EX	11	12			EX				
LIGHTS	20	1	EX	EX			13	14	EX						
LIGHTS	20	1	EX		EX		15	16		EX		EX	50	3	O.S. A.C.
SPACE						EX	17	18			EX	1			
	1		1	1	1	1	I	11		1	1	1	1	1	

# 1 E-602 225A DISTRIBUTION PANEL - CLUB TENANT N.T.S.

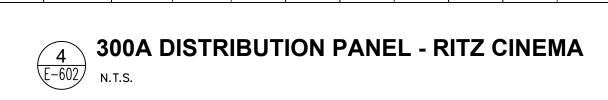
							Panel Sch	nedule							
		Existin	g 100A Pane	l Locatio	n: Club Sp	ace Elect	rical Close	et Volts: 2	208Y/120\	/ Phase	:3 Wire	e: 4 Hertz:	60		
			MLO	Main Al	C: N/A Bra	anch AIC:	(See Note	3) ENC	L. (NEMA	):1 MT	G: Surfac	ce			
				1	100 Amp Fi	rame , Gro	ound Bar,	Locking Co	over, Pane	el Card.					
Description of Load Served	Bi	reaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	VVIIC	А	В	C	CITINO.	GITTINO.	А	В	С	VVIIC	Amp	Pole	Description of Load Served
MEN'S LIGHTS (DIMMER)	20	1	EX	EX			1	2	EX			EX	20	1	MEN'S SHOW CASE LIGHTS (DIM)
MEN'S LIGHT	15	1	EX		EX		3	4		EX		EX	20	1	MEN'S SHOW CASE LIGHTS
STOCK ROOM PERIMETER LIGHTS	20	1	EX			EX	5	6			EX	EX	20	1	FRONT STORE LIGHTS
STOCK ROOM PERIMETER LIGHTS	15	1	EX	EX			7	8	EX			EX	20	1	FRONT STORE LIGHTS
WOMENS SHOW CASE LIGHTS	15	1	EX		EX		9	10		EX		EX	20	1	PORCH LIGHTS
WOMENS SHOW CASE LIGHTS (DIMMER)	20	1	EX			EX	11	12			EX	EX	20	1	HEAT
WOMENS LIGHTS (DIMMER)	20	1	EX	EX			13	14	EX			EX	15	1	EMERGENCY LIGHT MEN
POWER PAC	20	1	EX		EX		15	16		EX		EX	20	1	BELL TELEPHONE CIRCUIT
EMERGENCY LIGHTS WOMEN	30	1	EX			EX	17	18			EX	EX	20	1	RECEPTACLE AND TIME CLOCK
HOT WATER HEATER	15	1	EX	EX			19	20	EX			EX	20	1	SPARE
EXISTING	15	1	EX		EX		21	22		EX		EX	20	1	CASH REGISTER
WOEMNS LIGHTS	20	1	EX			EX	23	24			EX	EX	20	1	RECEPTACLE - BATHROOM
AC	20	1	EX	EX			25	26	EX			EX	15	1	ALARM
SPARE	20	1	EX		EX		27	28		EX		EX	20	1	SPARE
FAN LIGHTS	20	1	EX			EX	29	30			EX	EX	20	1	SPARE

2 E-602 **100A PANEL - CLUB TENANT** N.T.S.

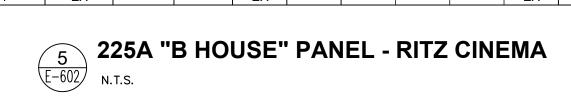
							Panel Sch	nedule							
			Existing 125	5A Panel	Location: 7	Theater O	ffice Volt	ts: 480Y/27	7V Pha	ase: 3 V	Vire: 4	Hertz: 60			
			MLO	Main Al	C: N/A Bra	anch AIC:	(See Note	3) ENC	L. (NEMA	N): 1 M	TG: Surfa	ce			
					125 Amp Fr				-	-					
Dependention of Lond Conned	Bi	reaker	14/5-22		A/Phase					A/Phase		14/:	Brea	aker	Description of Load Conved
Description of Load Served	Amp	Pole	Wire	A	В	С		CKT No.	А	В	С	Wire	Amp	Pole	Description of Load Served
BOX OFFICE	20	1	EX	EX			1	2	EX			EX	20	1	WOMENS BATH
UPSTAIRS SODA	20	1	EX		EX		3	4		EX		EX	20	1	A CEILING LIGHTS
UPSTAIRS STORAGE ROOM	20	1	EX			EX	5	6			EX	EX	20	1	TICKET CEILING
RECEPT IN FRONT WALL B-SCREEN	20	1	EX	EX			7	8	EX			EX	20	1	BEHIND COUNTER LIGHTS
FRONT WALL RECEPTACLES	20	1	EX		EX		9	10		EX		EX	20	1	EXIT / EM BACK WALL
TICKET BOOTH	20	1	EX			EX	11	12			EX	EX	20	1	EXISTING
EXISTING LOBBY RECEPTICLES	20	1	EX	EX			13	14	EX			EX	20	1	EXISTING
TICKET BOOTH	20	1	EX		EX		15	16		EX		EX	20	1	CANOPY FRONT EAST
FIRE ALARM PANEL	20	1	EX			EX	17	18			EX	EX	20	1	CANOPY LIGHT WEST
TICKET BOOTH	20	1	EX	EX			19	20	EX			EX	20	1	MENS ROOM
RECEPT BELOW PANEL	20	1	EX		EX		21	22		EX		EX	20	1	EXISTING
RECEPT BELOW PANEL - BOTTOM	20	1	EX			EX	23	24			EX	EX	20	1	FEED FOR-C-LOBBY FIXTURES
COUNTER	100	2	EX	EX			25	26	EX			EX	20	1	WATER COOLER
PANEL	100	2			EX		27	28		EX		EX	20	1	LOBBY RECEPTACLE BY OFFICE
OFFICE COMPUTER	20	1	EX			EX	29	30			EX	EX	20	1	EXIT / EMERGENCY FRONT
EXHAUST FANS	20	1	EX	EX			31	32	EX			EX	20	1	SPARE
	F0	2	гу		EX		33	34		EX		EX	20	1	TEMP LIGHTS
HOT WATER HEATER	50		EX			EX	35	36				EX	20	1	SPARE

**125 PANEL - RITZ CINEMA** 3 E-602 N.T.S.

							Panel Sch								
		Existi	ng 300A Dis								3 Wire:	4 Hertz:	60		
			MLO	Main Al	C: N/A Bra	anch AIC:	(See Note	3) ENC	L. (NEM/	->):1 M	TG: Surfa	ce			
				2	225 Amp Fi	rame , Gr	ound Bar, I	_ocking Co	ver, Pan	el Card.					
Departmention of Load Convod	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Bre	aker	Dependention of Lood Conved
Description of Load Served	Amp	Pole		А	В	С		CKT NO.	А	В	С	vvire	Amp	Pole	Description of Load Served
				EX			1	2	EX						
DIGITAL PROJECTOR	60	3	EX		EX		3	4		EX		EX	30	3	RECTIFIER
						EX	5	6			EX				
MANUAL CONTROL PANEL	20	1	EX	EX			7	8	ΕX			EX	20	1	PROJECTOR MTR
CHRISTIE PLATTER	20	1	EX		EX		9	10		EX		EX	20	1	EXISTING
REAR LIGHTS / RECEPTACLES	20	1	EX			EX	11	12			EX	EX	20	1	WALL LIGHTS FRONT
DIMMER HOUSE LIGHTS	20	1	EX	EX			13	14	EX			EX	20	1	MASKING MOTOR
MAIN FOR CANDY STAND AND LOBY					EX		15	16		EX		EX	20	1	EXISTING
PANELS	100	3	EX			EX	17	18			EX	EX	20	1	OUTSIDE REC LOBBY EXIT DOOR
FANELS				EX			19	20	ΕX			EX	20	1	HOUSE LIGHTS
SPARE	20	1	EX		EX		21	22		EX		EX	20	1	FLOOD LIGHTS
SPARE	20	1	EX			EX					EX	EX	20	1	CLEANING LIGHTS



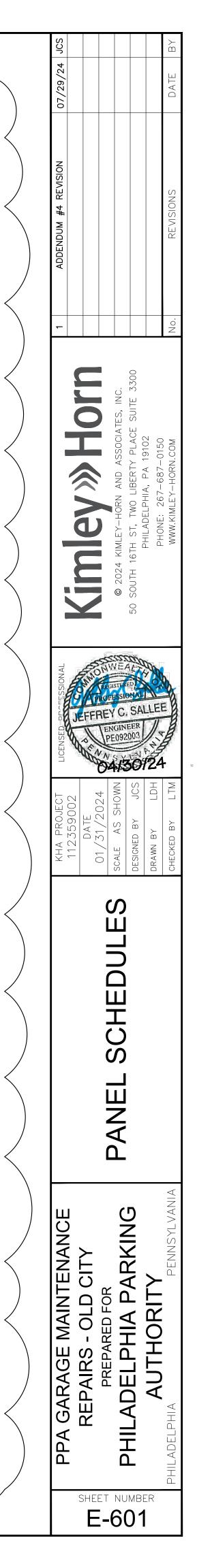
		•					Panel Sch	edule
		Exis	sting 225A B F	IOUSE Pai	nel Locat	ion: Thea	ater Office	Volts: 2
			MLO	Main Al	C: N/A Bra	anch AIC:	(See Note	3) EN
				2	225 Amp Fi	rame , Gro	ound Bar, I	_ocking C
Description of Load Served	Bi	reaker	Wire		A/Phase		CKT No.	
Description of Load Served	Amp	Pole		А	В	С		
				EX			1	2
DIGITAL PROJECTOR	60	3	EX		EX		3	4
						EX	5	6
MANUAL CONTROL PANEL	20	1	EX	EX			7	8
CHRISTIE PLATTER	20	1	EX		EX		9	10
REAR LIGHTS / RECEPTACLES	20	1	EX			EX	11	12
DIMMER HOUSE LIGHTS	20	1	EX	EX			13	14
					EX		15	16
MAIN FOR CANDY STAND AND LOBY PANELS	100	3	EX			EX	17	18
FANELO				EX			19	20
SPARE	20	1	EX		EX		21	22
SPARE	20	1	EX			EX		



							Panel Sch	nedule							
		Existing	Sound Panel	Location	: Near The	eater Con	cession St	and Volts	s: 240Y/12	20V Pha	ase:3 V	Vire: 4 He	rtz: 60		
			MLO				(See Note	,		,	TG: Surfa	се			
				1	00 Amp Fi	rame , Gr	ound Bar, I	Locking Co	over, Pan	el Card.					
Description of Load Served	Br	reaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	vvie	А	В	C	CRTNU.	CRTNU.	А	В	C	VVIIe	Amp	Pole	Description of Load Served
SOUND RACK REC #1	20	1	EX	EX			1	2	EX						
SOUND RACK REC #2	20	1	EX		EX		3	4		EX		EX	30	3	EXISTING
SOUND RACK REC #3	20	1	EX			EX	5	6			EX				
SOUND RACK REC #4	20	1	EX	EX			7	8	EX			EX	20	1	OUTLET DIGITAL
SOUND RACK REC #5	20	1	EX		EX		9	10		EX		EX	20	1	EXISTING
SOUND RACK REC #6	20	1	EX			EX	11	12			EX	EX	20	1	EXISTING
SPACE							13	14	EX			EX	20	1	EXISTING
SPACE							15	16							SPACE
SPACE							17	18						2	
SPACE							19	20							SURGEBREAKER



Office	Volts: 20	8Y/120V	Phase: 3	3 Wire:	4 Hertz:	60		
e Note	3) ENC	L. (NEMA	): 1 Mī	FG: Surfa	ce			
Bar, L	_ocking Co	over, Pane	el Card.					
	CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
T NO.	GRT NU.	А	В	С	vvie	Amp	Pole	Description of Load Served
1	2	EX						
3	4		EX		EX	30	3	RECTIFIER
5	6			EX				
7	8	EX			EX	20	1	PROJECTOR MTR
9	10		EX		EX	20	1	
11	12			EX	EX	20	1	WALL LIGHTS FRONT
13	14	EX			EX	20	1	MASKING MOTOR
15	16		EX		EX	20	1	EXISTING
17 ·	18			EX	EX	20	1	OUTSIDE REC LOBBY EXIT DOOR
19	20	EX			EX	20	1	HOUSE LIGHTS
21	22		EX		EX	20	1	FLOOD LIGHTS
				EX	EX	20	1	CLEANING LIGHTS
				EX	EX	20	1	CLEANING LIGHTS



							nel Sched								
		Existing 400/	A Distribution	Panel Loca	ation: Exi	isting Elec	ctrical Roo	m Volts:	480Y/27			re: 4 Hertz	z: 60		
			MLO	Main AIC: N/							Surface				
					•	ne , Grour	nd Bar, Loc	king Cove	r, Panel (						
Description of Load Served	Br	eaker	Wire	A	VPhase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
•	Amp	Pole	VVIIC	A	В	С			Α	В	C	VVIIC	Amp	Pole	·
SPACE		1					1	2						1	SPACE
SPACE		1					3	4						1	SPACE
SPACE		1					5	6						1	SPACE
SPACE		1					7	8						1	SPACE
SPACE		1					9	10						1	SPACE
SPACE		1					11	12			EX				
SPACE		1					13	14	EX			EX	20	3	ELEC DUCT HEATER #1
SPACE		1					15	16		EX					
						EX	17	18			EX				
ELEC HEAT DOWNSTAIRS #3	30	3	EX	EX			19	20	EX			EX	20	3	AIR HANDLER
					EX		21	22		EX					
						EX	23	24						1	SPACE
TRANS	60	3	EX	EX			25	26						1	SPACE
					EX		27	28						1	SPACE
SPACE		1					29	30			EX				
SPACE		1					31	32	EX			EX	70	3	CONDENSOR UNITS PANNE
SPACE		1					33	34		EX		1			
						EX	35	36						1	SPACE
ELEC DUCT HEATER #2	70	3	EX	EX			37	38						1	SPACE
					EX		39	40						1	SPACE

## 400A DISTRIBUTION PANEL - VACANT RESTAURANT 1 E-603 N.T.S.

							nel Sched		40016						
		Existing	100A Pane							Phase: 3	Wire: 4	Hertz: 60			
			MLO I	Main AIC: N		· ·	,	,	,		Surface				
				100	Amp Fram	ne , Grour	nd Bar, Loo	cking Cove	r, Panel C	Card.					
Description of Load Served	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole		A	B	С			А	В	С		Amp	Pole	Description of Load Served
EXISTING	EX	2	EX	EX			1	2	EX			EX	EX	1	EXISTING
EXISTING		2			EX		3	4		EX		EX	EX	1	EXISTING
EXISTING	EX	1	EX			EX	5	6			EX	EX	EX	1	EXISTING
EXISTING	EX	1	EX	EX			7	8	EX			EX	EX	1	EXISTING
EXISTING	EX	1	EX		EX		9	10		EX		EX	EX	1	EXISTING
EXISTING	EX	1	EX			EX	11	12			EX	EX	EX	1	EXISTING
EXISTING	EX	1	EX	EX			13	14	EX			EX	EX	1	EXISTING
EXISTING	EX	1	EX		EX		15	16		EX		EX	EX	1	EXISTING
EXISTING	EX	1	EX			EX	17	18			EX	EX	EX	1	EXISTING
EXISTING	EX	1	EX	EX			19	20	EX			EX	EX	1	EXISTING
EXISTING	EX	1	EX		EX		21	22		EX		EX	EX	1	EXISTING
EXISTING	EX	1	EX			EX	23	24			EX	EX	EX	1	EXISTING
SPACE							25	26	EX			EX	EX	1	EXISTING
EXISTING	EX	1	EX		EX		27	28		EX		EX	EX	1	EXISTING
EXISTING	EX	1	EX			EX	29	30			EX	EX	EX	1	EXISTING
EXISTING	EX	1	EX	EX			31	32	EX			EX	EX	1	EXISTING
EXISTING	EX	1	EX		EX		33	34		EX		EX	EX	1	EXISTING
EXISTING	EX	1	EX			EX	35	36			EX	EX	EX	1	EXISTING



# 2 E-603 100A PANEL - VACANT RESTAURANT N.T.S.

					N/A Branc Amp Fram	· ·	,	,	,		Surface				
	В	reaker			A/Phase	10,0100			,	A/Phase			Brea	aker	
Description of Load Served	Amp	Pole	Wire	A	В	С	CKINO.	CKT No.	Α	B	С	Wire	Amp	Pole	Description of Load Served
SPACE		1	EX				1	2	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		3	4		EX		EX	20	1	EXISTING
EXISTING	20	1	EX			EX	5	6			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			7	8	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		9	10		EX		EX	20	1	EXISTING
EXISTING	20	1	EX			EX	11	12			EX	EX	20	1	EXISTING
EXISTING	20	1	EX	EX			13	14	EX			EX	20	1	EXISTING
EXISTING	20	1	EX		EX		15	16		EX		EX	30	2	EXISTING
EXISTING	20	1	EX			EX	17	18			EX		30	2	EXISTING
EXISTING	20	1	EX	EX			19	20	EX			EX	20	1	EXISTING
EXISTING	15	1	EX		EX		21	22		EX		EX	20	1	EXISTING
EXISTING	15	1	EX			EX	23	24			EX	EX	20	1	EXISTING
EXISTING	20	2	EX	EX			25	26	EX			EX	30	1	EXISTING
EXISTING	20	2			EX		27	28		EX		EX	20	2	EXISTING
EXISTING	20	2	EX			EX	29	30			EX		20	2	EXISTING
EXISTING	20	2		EX			31	32	EX						
EXISTING	20	1	EX		EX		33	34		EX		EX	100	3	EXISTING
EXISTING	20	1	EX			EX	35	36			EX				
			3 -603 N.T.		NEL	- VA(	CANT	RES	TAUI	RANT					

							Panel Sch	edule							
			H∨	AC1 Loc	ation: Gar	age Volt	s: 480Y/27	70V Pha	ise: 3 N	Vire: 4	Hertz: 60	)			
			MLO	Main Al	C: N/A Bra	anch AIC:	(See Note	3) ENC	L. (NEMA	): 1 M	ГG: Surfa	се			
					125 Amp F	rame , Gro	ound Bar, L	ocking Co	ver, Pane	el Card.					
Description of Load Served	Bre	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	vvie	А	В	С		GRINU.	А	В	С	Vile	Amp	Pole	Description of Load Served
				EX			1	2	EX						
HVAC	60		EX		EX		3	4		EX		EX		3	HVAC
						EX	5	6			EX				
				EX			7	8	EX						
HVAC	60		EX		EX		9	10		EX		EX		3	HVAC
						EX	11	12			EX	1			
SPACE			1	EX			13	14	EX					1	SPACE
SPACE			1				15	16		EX				1	SPACE
SPACE			1				17	18			EX			1	SPACE
SPACE			1	EX			19	20	EX					1	SPACE

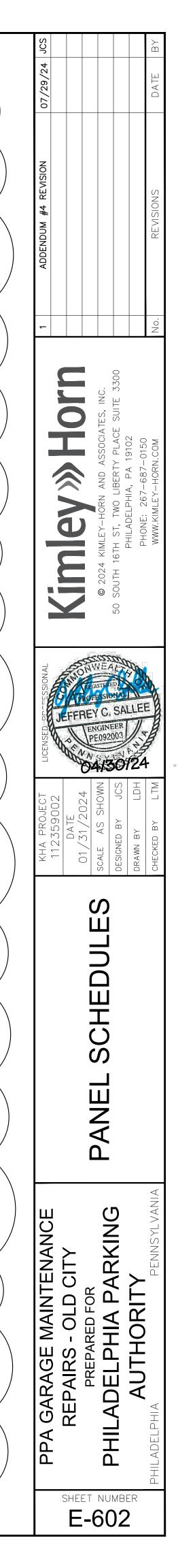
4 E-603 HVAC1 - FLOOR 2 N.T.S.

			MLO		C: N/A Bra		· ·	,		,	「G: Surfa	се			
					125 Amp Fr	rame , Gro	ound Bar, I	ocking Co	ver, Pan	el Card.					
Description of Load Served	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole		А	В	C		CRTNU.	А	В	С	VVIIC	Amp	Pole	Description of Load Served
				EX			1	2	EX						
HVAC 2	60		EX		EX		3	4		EX		EX		3	HVAC 3
						EX	5	6			EX				
				EX			7	8	EX						
HVAC 1	60		EX		EX		9	10		EX		EX		3	HVAC 4
						EX	11	12			EX				
				EX			13	14	EX					1	SPACE
HVAC 5	60		EX		EX		15	16		EX				1	SPACE
						EX	17	18			EX			1	SPACE
SPACE			1	EX			19	20	EX					1	SPACE

(5)	
E-603	N.T.S.
$\bigcirc$	

							Panel Sch	nedule							
			Panel	LPG Loca	tion: Janito	or Closet	Volts: 48	0Y/277V	Phase:	3 Wire: 4	4 Hertz	: 60			
			mlo	Main AIC	: N/A Bra	nch AIC: (	See Note	3) ENCI	(NEMA	.): 1 MT	G: Surfac	e			
				1	00 Amp Fr	ame , Gro	ound Bar, I	Locking Co	over, Par	nel Card.					
Description of Load Served	В	Breaker			A/Phase	•VPhase		CKT No.		APhase		Wire	Breaker		Description of Load Served
Description of Load Served	Amp	Pole	Wire	A	В	С	CIT NO.	CITINO.	Α	В	С	VIIC	Amp	Pole	Description of Load Served
MEN + LADIES ROOM	20	1	EX	EX			1	2	EX			EX	20	1	STAIRWAY 1+2 LIGHTS
LOBBY	20	1	EX		EX		3	4		EX		EX	20	1	ELEVATOR LOBBY LIGHTS
RM 101 102 STORAGE	20	1	EX			EX	5	6			EX	EX	20	1	SPARE
SWITCHGEAR + STORAGE ROOM	20	1	EX	EX			7	8	EX						
TRANS FEED	20	1	EX		EX		9	10		EX		EX	20	3	LOBBY UNIT HELPTER
						EX	11	12			EX				
TRANSFORMER		3	EX	EX			13	14	EX						SPACE
					EX		15	16		EX					SPACE
SPACE						EX	17	18			EX				SPACE
SPACE				EX			19	20	EX						SPACE
SPACE					EX		21	22		EX					SPACE
SPACE						EX	23	24			EX				SPACE

6 E-603 LPG - JANITOR CLOSET



**\_1** 

							Panel Sch	nedule							
			Panel L	.PGR Loc	ation: Jani	tor Closet	Volts: 20	08Y/120V	Phase:	3 Wire:	4 Hertz	z: 60			
			100A N	1CB Main				,	<u> </u>	,	MTG: Su	face			
					125 Amp F	rame , Gro	ound Bar, I	Locking Co	ver, Pane	el Card.					
Description of Load Served	Br	Breaker		A/Phase				CKT No.		A/Phase		Wire	Breaker		Description of Load Served
Description of Load Served	Amp	Pole	Wire	A	В	C	UNT NO.	CITINO.	А	В	C	VVIIC	Amp	Pole	Description of Load Served
EXHAUST FAN	20	1	EX	EX			1	2	EX			EX	20	1	WATER COOLER
SPARE	20	1					3	4		EX		EX	20	1	ELEV LOBBY RECEPT
SPARE	20	1					5	6			EX	EX	20	1	METER ROOM
SPARE	20	1					7	8	EX			EX	20	1	1ST TO 5TH FLOOR RECEPT NEAR ELEV
SPARE	20	1					9	10		EX		EX	20	1	RM 101 RECEPT
MEZZ STORAGE RM RECEPT	20	1	EX			EX	11	12			EX	EX	20	1	MEZZ + MACHINE RM RECEPT
TIME CLOCK		1		EX			13	14				EX	20	1	SPACE
SPACE							15	16				EX	20	1	SPACE
SPACE							17	18				EX	20	1	SPACE
SPACE							19	20				EX	20	1	SPACE
SPACE							21	22				EX	20	1	SPACE
SPACE							23	24				EX	20	1	SPACE

# **PANEL LPGR - JANITORS CLOSET** N.T.S.

						Pa	anel Sched	ule							
		Existir	ng Panel GLP	Location	: Existing E	lectrical	Room Vo	olts: 480Y/2	277V P	hase: 3	Wire: 4	Hertz: 60			
			ML	O Main <i>i</i>	AIC: N/A B	ranch AlC	C: 10K E	NCL. (NEM	MA): 1	MTG: Su	ırface				
				100	) Amp Fram	e , Grour	nd Bar, Loc	king Cove	r, Panel (	Card.					
Description of Load Served	Br	eaker Wire			A/Phase		CKT No. (		A/Phase			Wire	Brea	aker	<ul> <li>Description of Load Served</li> </ul>
Description of Load Served	Amp	Pole	vviie	А	В	С		CRINO.	А	В	C	vvie	Amp	Pole	Description of Load Served
	20	1	EXIST	EX			1	2	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		3	4		EX		EXIST	20	1	EXISTING
	20	1	EXIST			EX	5	6			EX	EXIST	30	1	EXISTING
EXISTING	20	1	EXIST	EX			7	8	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		9	10		EX		EXIST	20	1	EXISTING
EXISTING	20	1	EXIST			EX	11	12			EX	EXIST	30	1	EXISTING
EXISTING	20	1	EXIST	EX			13	14	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		15	16		EX		EXIST	30	1	EXISTING
EXISTING	20	1	EXIST			EX	17	18			EX	EXIST	20	1	EXISTING
EXISTING	20	1	EXIST	EX			19	20	EX			EXIST	20	1	EXISTING

PANEL GLP - ELECTRICAL ROOM

		Existi	ng Panel ELP	Location	Existina E		nel Sched Room Vo		120V F	hase: 3	Wire: 4	Hertz: 60			
			ML		AIC: N/A BI					MTG: Su					
					Amp Fram				,						
	Br	eaker			A/Phase	-,			,	A/Phase			Brea	aker	
Description of Load Served	Amp	Pole	- Wire	A	В	С	CKT No.	CKT No.	А	В	С	Wire	Amp	Pole	Description of Load Serve
				EX			1	2	EX			EXIST	20	1	EXISTING
EXISTING	50	3	EXIST		EX		3	4		EX		EXIST	20	1	EXISTING
						EX	5	6			EX	EXIST	30	1	EXISTING
EXISTING	20	1	EXIST	EX			7	8	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		9	10		EX		EXIST	20	1	EXISTING
EXISTING	20	1	EXIST			EX	11	12			EX	EXIST	30	1	EXISTING
EXISTING	20	1	EXIST	EX			13	14	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		15	16		EX		EXIST	30	1	EXISTING
EXISTING	20	1	EXIST			EX	17	18			EX	EXIST	20	1	EXISTING
EXISTING	20	1	EXIST	EX			19	20	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		21	22		EX		EXIST	20	1	EXISTING
EXISTING	20	1	EXIST			EX	23	24			EX	EXIST	20	1	EXISTING
EXISTING	20	1	EXIST	EX			25	26	EX			EXIST	20	1	EXISTING
EXISTING	20	2	EXIST		EX		27	28		EX		EXIST	20	1	EXISTING
EXISTING	20	Z	EABT			EX	29	30			EX	EXIST	20	1	EXISTING
EXISTING	20	1	EXIST	EX			31	32	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		33	34		EX		EXIST	20	1	EXISTING
EXISTING	20	1	EXIST			EX	35	36			EX	EXIST	20	1	EXISTING
EXISTING	20	1	EXIST	EX			37	38	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		39	40		EX		EXIST	20	1	EXISTING
SPACE							41	42			EX	EXIST	20	1	EXISTING

BANEL ELP - ELECTRICAL ROOM

						Panel So									
		Existir	ng Panel EHP			Electrical Room					Wire: 4	Hertz: 60			
			ML			ranch AlC: 10K	· · ·	,		VITG: Su	rface				
				250	) Amp Fram	e , Ground Bar	Locking Co	ver, Pa	nel Ca	ard.					
Description of Load Served	Br	eaker	Wire	A/Phase		СКТ	NO. CKT N		1	A/Phase		Wire	Bre	aker	Description of Load Sonvo
Description of Load Served	Amp	Pole	VVIIC	A	В	C		<i>-</i>		В	С	vviie	Amp	Pole	Description of Load Served
				EX			2	E	X						
EXISTING	60	3	EXIST		EX		4			EX		EXIST	40	1	EXISTING
						EX t	6				EX				
				EX			8	E	X						
EXISTING	20	3	EXIST		EX	ę	10			EX		EXIST	30	3	EXISTING
						EX 1	1 12				EX				
				EX		1	3 14	E	X						
EXHAUST FAN #4	20	3	EXIST		EX	1	5 16			EX		EXIST	20	3	ELEVATOR MACHINE ROO HEATER
						EX 1	7 18				EX				HEATER
				EX		1	9 20	E	X						
ENTRANCE DOOR GATE	20	3	EXIST		EX	2	1 22			EX		EXIST	20	3	
						EX 2	3 24				EX				EXHAUST FAN
	00	0	EVIOT	EX		2	5 26	E	X			EXIST	20	1	EXISTING
MEN'S ROOM WATER HEATER	20	2	EXIST		EX	2	7 28			EX		EXIST	20	1	EXISTING
EXISTING	20	1	EXIST			EX 2	) 30				EX	EXIST	20	1	EXISTING
EXISTING	20	1	EXIST	EX		3	1 32	E	x			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX	3	3 34			EX		EXIST	20	1	EXISTING
SPACE						3	5 36								SPACE
SPACE						3	7 38								SPACE
SPACE						3	9 40								SPACE
SPACE						4	1 42								SPACE

4	PANEL	EHP	- ELE
E-604	N.T.S.		

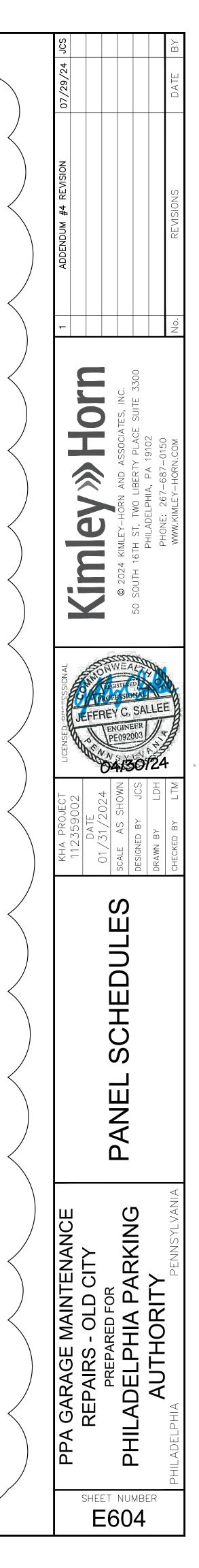
	Panel Schedule														
	E	xisting Unlabe	eled Emergen	cy Panel	Location: I	Existing E	lectrical R	oom Voli	ts: 208Y/1	20V Ph	ase: 3 N	Wire: 4 He	ertz: 60		
			ML		AIC: N/A B				,		rface				
				125	Amp Fram	e , Groun	d Bar, Loo	king Cove	r, Panel C	Card.					
Description of Load Served	Br	eaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Brea	aker	Description of Load Served
Description of Load Served	Amp	Pole	VVIIC	A	В	С		CRINO.	А	В	С	VVIIe	Amp	Pole	Description of Load Served
EXIT SIGNS	20	1	EXIST	EX			1	2	EX			EXIST	20	1	EXISTING
EXISTING	20	1	EXIST		EX		3	4		EX		EXIST	20	1	EXISTING
EXISTING	20	1	EXIST			EX	5	6			EX	EXIST	30	1	EXISTING
EXISTING	20	1	EXIST	EX			7	8	EX			EXIST	20	1	EXISTING
FACP	20	1	EXIST		EX		9	10		EX		EXIST	20	1	EXISTING
							11	12							
							13	14							

						Pa	anel Sched	lule							
	ExistingPanel LPR Location: Existing Electrical Room Volts: 480Y/277V Phase: 3 Wire: 4 Hertz: 60														
			ML					ENCL. (NEM	,	MTG: Su	irface				
				100	Amp Fram	ie , Groui	nd Bar, Loo	cking Cove	r, Panel (	Card.					
Description of Load Served	Br	reaker	Wire		A/Phase			CKT No.		A/Phase		Wire	Breaker		Description of Load Served
Description of Load Served	Amp	Pole	VVIIe	A	В	С	GRT NO.	CRINU.	А	В	C	VVIIe	Amp	Pole	Decemption of Load Oct Ved
OUTSIDE RADIUS RAMP LIGHTS TOP	20	1	EXIST	EX			1	2	EX			EXIST	20	1	INSIDE RADIUS RAMP LIGHTS
OUTSIDE RADIUS RAMP LIGHTS TOP	20	1	EXIST		EX		3	4		EX		EXIST	20	1	INSIDE RADIUS RAMP LIGHTS
OUTSIDE RADIUS RAMP LIGHTS BOTTOM	20	1	EXIST			EX	5	6			EX	EXIST	30	1	GROUND FLOOR LIGHTS
OUTSIDE RADIUS RAMP LIGHTS BOTTOM	20	1	EXIST	EX			7	8	EX			EXIST	20	1	GROUND FLOOR B LINE
							9	10		EX		EXIST	20	1	EXISTING
							11	12							

6 E-604 N.T.S.

ECTRICAL ROOM

# 5 E-604 UNLABELED EMERGENCY PANEL - EXISTING ELECTRICAL ROOM



**\_1** 

## Bid No. 24-17 Addendum #4 -Appendix B Revised E-001

# PHILADELPHIA PARKING AUTHORITY PARKING GARAGE ELECTRICAL UPGRADES

# **ZONING INFORMATION**

JURISDICTION **CITY OF PHILADELPHIA** 

## **PROJECT DESCRIPTION**

THIS PROJECT FOCUSES ON REPLACING EXISTING ELECTRICAL EQUIPMENT THAT IS AT OR NEARING END OF LIFE. THE PROJECT IS REPLACING THE EXISTING LIGHTING IN THE GARAGE AND COMMON SPACES.

at

# APPLICABLE CODES

**APPLICABLE CODES:** 

PHILADELPHIA BUILDING CODE (2018 INTERNATIONAL BUILDING CODE) PHILADELPHIA ELECTRICAL CODE (2017 NATIONAL ELECTRICAL CODE)

# PROJECT CONTACTS

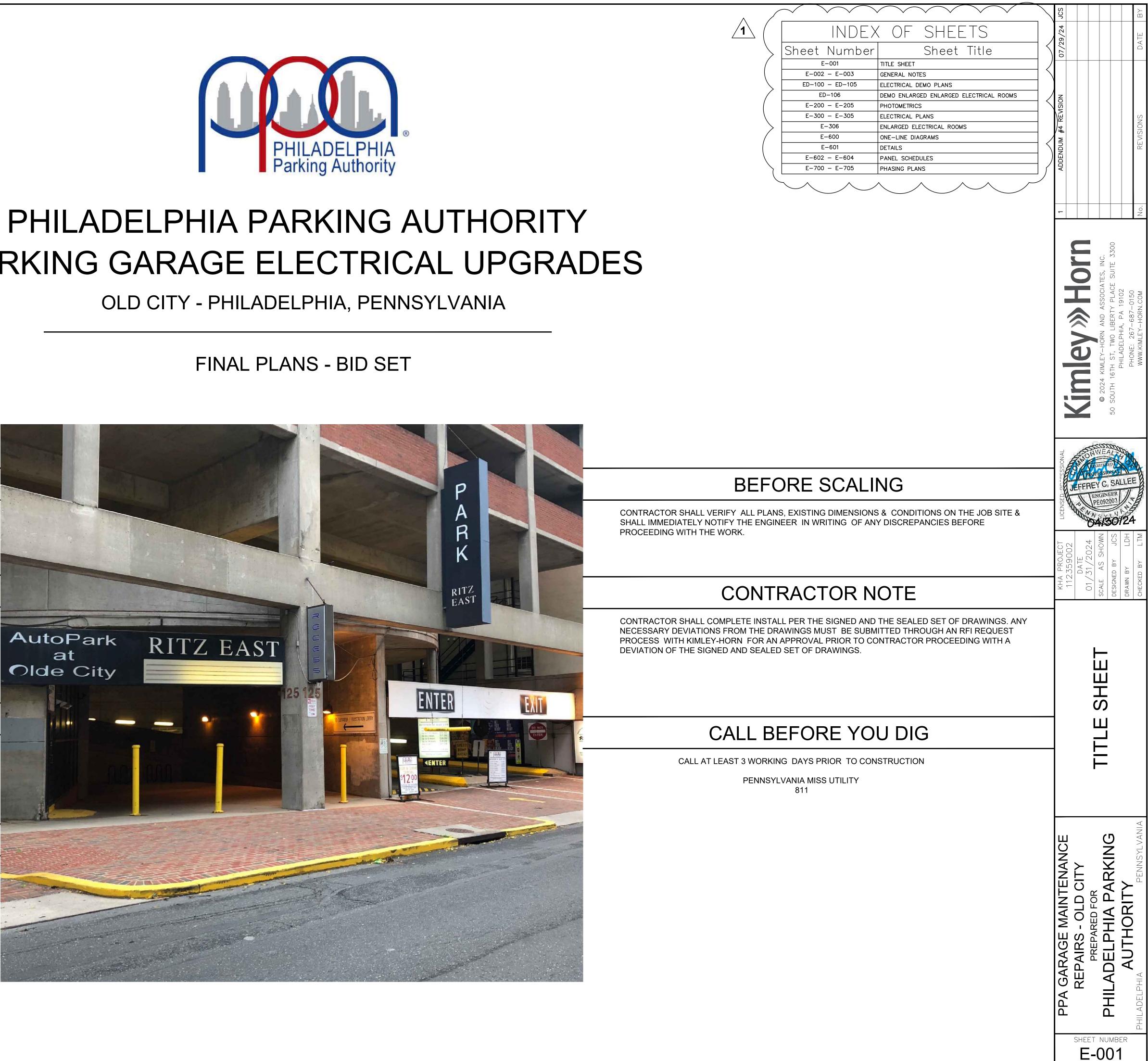
CLIENT NAME: PHILADELPHIA PARKING AUTHORITY

CLIENT PROJECT MANAGER: MELISSA HOCH

CLIENT PROJECT MANAGER CONTACT: 215-913-8578, MHOCH@PHILPARK.COM ENGINEER OF RECORD: JEFFREY C. SALLEE, P.E.

ENGINEER OF RECORD CONTACT: 757-213-8635, JEFFREY.SALLEE@KIMLEY-HORN.COM PA LICENSE NUMBER: 092003





# PHILADELPHIA PARKING AUTHORITY PARKING GARAGE ELECTRICAL UPGRADES

## ZONING INFORMATION

JURISDICTION **CITY OF PHILADELPHIA** 

## **PROJECT DESCRIPTION**

THIS PROJECT FOCUSES ON REPLACING EXISTING ELECTRICAL EQUIPMENT THAT IS AT OR NEARING END OF LIFE. THE PROJECT IS REPLACING THE EXISTING GENERATOR WITH A LARGER GENERATOR TO PROVIDE BACKUP CAPABILITIES FOR ALL FIRST FLOOR TENANT SPACES.

## APPLICABLE CODES

**APPLICABLE CODES:** 

PHILADELPHIA BUILDING CODE (2018 INTERNATIONAL BUILDING CODE) PHILADELPHIA ELECTRICAL CODE (2017 NATIONAL ELECTRICAL CODE)

## PROJECT CONTACTS

CLIENT NAME: PHILADELPHIA PARKING AUTHORITY

CLIENT PROJECT MANAGER: MELISSA HOCH

CLIENT PROJECT MANAGER CONTACT: 215-913-8578, MHOCH@PHILPARK.COM ENGINEER OF RECORD: JEFFREY C. SALLEE, P.E.

ENGINEER OF RECORD CONTACT: 757-213-8635, JEFFREY.SALLEE@KIMLEY-HORN.COM PA LICENSE NUMBER: 092003





## Bid No. 24-17 Addendum #4 -Appendix C Revised - 00 01 15

## SECTION 00 01 15 LIST OF DRAWING SHEETS

Autopark at Fashion District									
Sheet #	Description								
E-001	TITLE SHEET								
E-002 - E-003	GENERAL NOTES								
ED-100 - ED-107	ELECTRICAL DEMO PLANS								
ED-108	DEMO ENLARGED ELECTRICAL ROOMS								
E-200 - E-207	PROPOSED POWER PLANS								
E-208	PROPOSED ENLARGED ELECTRICAL ROOMS								
E-600	ONE-LINE DIAGRAMS								
E-601	DETAILS								
E-602 - E-604	PANEL SCHEDULES								
E-700 - E-707	PHASING PLANS								

Autopark at Old City								
Sheet #	Description							
E-001	TITLE SHEET							
E-002 - E-003	GENERAL NOTES							
ED-100 - ED-105	ELECTRICAL DEMO PLANS							
ED-106	DEMO ENLARGED ELECTRICAL ROOMS							
E-200 - E-205	PHOTOMETRICS							
E-300 - E-305	PROPOSED POWER PLANS							
E-306	PROPOSED ENLARGED ELECTRICAL ROOMS							
E-600	ONE-LINE DIAGRAMS							
E-601	DETAILS							
E-602 - E-604	PANEL SCHEDULES							
E-700 - E-705	PHASING PLANS							

END OF SECTION