# THE BANKS PHASE 3C GUARD BOOTH, FOUNDATION, AND ELECTRIC

LOT E, 297 MEHRING WAY, CINCINNATI OH, 45202

#### **PROJECT GENERAL NOTES:**

#### A. COORDINATION AND CONSTRUCTION

1. THE CONTRACTOR SHALL COMPLETE ALL WORK REQUIRED AND NECESSARY FOR THE PROJECT IN ACCORDANCE WITH THE CONTRACT, GENERAL CONDITIONS, PROJECT SPECIFICATIONS, DRAWINGS, AND REFERENCED STANDARDS. THE SPECIFICATIONS AND DRAWINGS COMPLEMENT EACH OTHER. THE CONTRACTOR SHALL THOROUGHLY REVIEW BOTH BEFORE PROCEEDING WITH ANY WORK.

2. THE ARCHITECT/ENGINEER'S OBSERVATION AND REVIEW OF CONTRACTORS' PERFORMANCE DOES NOT INCLUDE REVIEW OF ADEQUACY OF CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE

3. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES.

4. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT FOR SUCCESSFU

CONSTRUCTION WORK SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

COMPLETION OF THIS PROJECT. 5. CONTRACTOR SHALL APPLY, SECURE, AND PAY FOR ALL REQUIRED LOCAL PERMITS, FEES, LICENSES.

AND APPROVAL FOR COMPLETION OF THE WORK. 6. ANY ADJACENT EXISTING FINISHES AND/OR EQUIPMENT DAMAGED DURING DEMOLITION OR

7. CONTRACTOR SHALL FURNISH THE OWNER AND ARCHITECT/ENGINEER ACCESS TO ALL WORK AREAS DURING NORMAL WORKING HOURS.

8. CONTRACTOR SHALL DISPOSE OF ALL DEBRIS OFF-SITE IN A LAWFUL MANNER

9. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE AND WORK AREAS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

10. THE CONTRACTOR SHALL MAINTAIN A CLEAN AND ORDERLY SITE AND STORAGE AREA.

#### B. EXISTING CONDITIONS PROTECTION REQUIREMENTS

- EXISTING GRADE/LANDSCAPING REQUIREMENTS:
- a. EXAMPLES OF GRADE/LANDSCAPING INCLUDE BUT ARE NOT LIMITED TO PAVERS, PAVING (CONCRETE AND ASPHALT), TREES, SHRUBS, BUSHES, GRASS, SITE FEATURES (SITE WALLS, b. PRIOR TO THE START OF WORK, DOCUMENT (VIDEO OR DIGITAL PHOTO) CONDITION OF
- GRADE/LANDSCAPING. SUBMIT DOCUMENTATION TO OWNER c. COORDINATE PROTECTION WITH OWNER. d. DAMAGE NOT EVIDENT IN DOCUMENTATION OR DAMAGE TO GRADE/LANDSCAPING DURING THE

COURSE OF WORK TO BE REPLACED PER OWNER'S DIRECTION AT CONTRACTORS EXPENSE.

1. PROJECT SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE PATRONS, STAFF, GENERAL PUBLIC, WORKERS AND STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO BARRICADES, OVERHEAD PROTECTION, BRACING, SHORING FOR CONSTRUCTION EQUIPMENT, SCAFFOLDING, PLANKING, SAFETY NETS, SUPPORT AND BRACING FOR CRANES.

COMPLY WITH THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CONSTRUCTION AND MATERIAL SPECIFICATIONS.

2. MATERIAL SHALL BE READILY SUITABLE FOR COMPACTION WITH THE MOISTURE CONTENT WITHIN

3. EXAMINE AREAS AND CONDITIONS UNDER WHICH EARTHWORK IS TO BE PERFORMED. NOTIFY OWNER OF ANY CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK. E. CONCRETE

#### CONCRETE: a. PROVIDE ODOT CLASS C (4,000 PSI) CONCRETE.

- 2. PROVIDE EASED EDGES ALONG ALL SLAB EDGE.
- 3. JOINTS NOT INDICATED ON DRAWINGS ARE NOT PERMITTED UNLESS APPROVED BY THE
- 4. PLACE NO PERMANENT LOAD, SUCH AS BOOTH, ON SLABS UNTIL CONCRETE HAS REACHED SPECIFIED
- 5. COORDINATE CONDUIT ROUTING AND STUB UPS WITH BOOTH MANUFACTURER.

#### E. REINFORCING STEEL

- ALL REINFORCING BARS: 60 KSI YIELD.
- 2. REINFORCE SLAB AS SHOWN ON DETAILS.
- F. MISCELLANEOUS METALS 1. ALL STEEL SHALL BE HOT DIPPED GALVANIZED.

## G. <u>UTILITIES</u>

1. PRIOR TO EXCAVATION AND EARTHWORK, VERIFY LOCATIONS OF UNDERGROUND UTILITIES WITH THE UTILITY COMPANIES, AND THE OWNER. EXCAVATE OR SURVEY TO ESTABLISH EXACT UTILITY LOCATIONS. UTILITY LOCATIONS IF SHOWN ON THE CONTRACT DRAWINGS ARE ONLY APPROXIMATE AND CANNOT BE USED TO ASSURE THE CONTRACTOR OF ADEQUATE CLEARANCE.

2. ALL UTILITIES SHALL BE ADEQUATELY PROTECTED FROM DAMAGE. WHERE UTILITIES ARE ENCOUNTERED, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, AND THE OWNER BEFORE PROCEEDING. ACTIVE UTILITIES ENCOUNTERED SHALL BE PROTECTED, SUPPORTED, OR RELOCATED AS DIRECTED. INACTIVE AND ABANDONED UTILITIES SHALL BE REMOVED, PLUGGED, OR CAPPED AS DIRECTED.

3. CALL THE APPROPRIATE UTILITIES PROTECTION SERVICE AT LEAST TWO (2) WORKING DAYS BEFORE DIGGING OR OTHER EARTHWORK OPERATION.

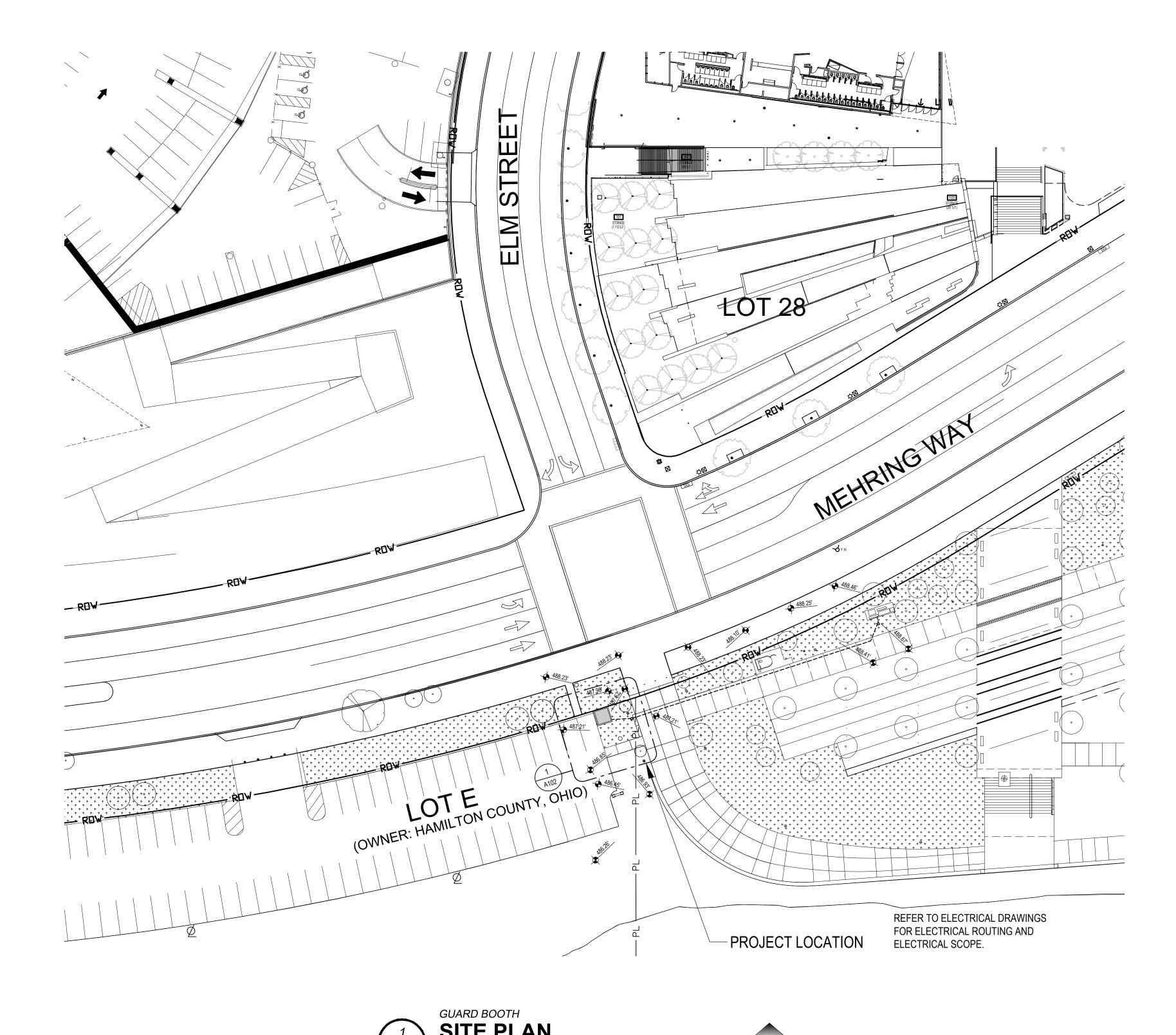
#### H. QUALITY CONTROL AND ASSURANCE

1. THE CONTRACTOR SHALL PERFORM QUALITY CONTROL, TESTING AND INSPECTION OF ALL WORK AS REQUIRED BY THE CONTRACT DOCUMENTS, INCLUDING REFERENCED CODES, SPECIFICATIONS AND

2. THE ARCHITECT/ENGINEER MAY GENERALLY OBSERVE THE PROGRESS OF THE WORK, BUT THESE OBSERVATIONS SHALL NOT BE CONSTRUED AS INSPECTION.

#### G. APPLICABLE CODES

- 1. 2024 OHIO BUILDING CODE (OBC).
- 2. CINCINNATI BUILDING CODE (CBC), WHICH SUPPLEMENTS THE OBC
- 3. NATIONAL ELECTRIC CODE (NEC).



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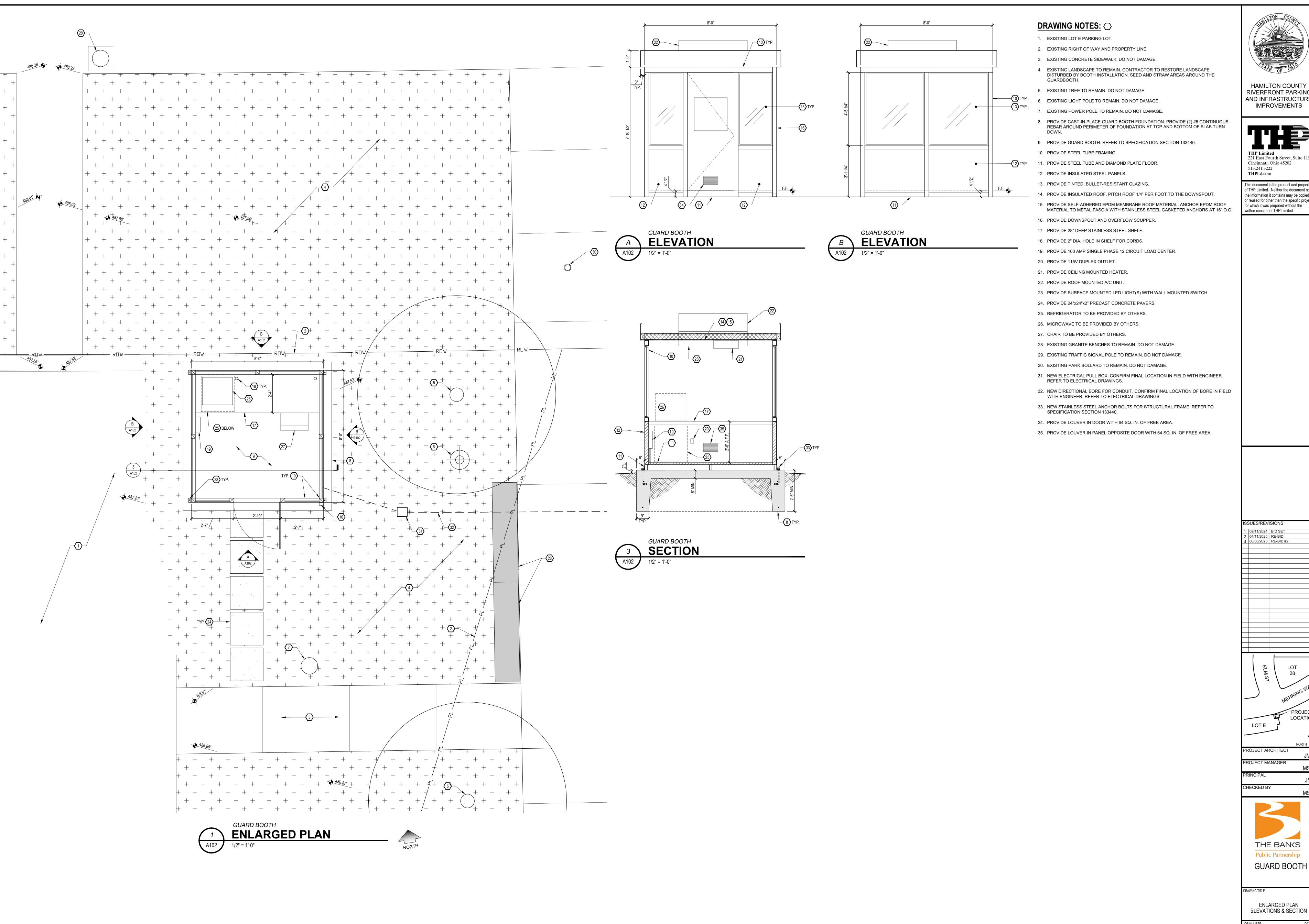


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TITLE SHEET, PROJECT NOTES & SITE PLAN 98090.41

> AWING NUMBER A101



HAMILTON COUNTY RIVERFRONT PARKING AND INFRASTRUCTURE **IMPROVEMENTS** 



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ENLARGED PLAN ELEVATIONS & SECTION

A102

#### FLECTRICAL SYMBOLS

Q \$	DASH SYMBOL INDICATES PARTICULAR OUTLET OR DEVICE TO BE REMOVED AND CIRCUITRY MADE CONTINUOUS WHERE REQUIRED.
<b>⊕</b> \$	EXISTING OUTLET OR DEVICE TO REMAIN. MAINTAIN EXISTING CIRCUITING.
•	ELECTRICAL CONNECTION.
φ	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE). WHEN () SHOWN, RECEPTACLE TO HAVE "CONTROLLED" MARKINGS.
φ	20A-125V SINGLE RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).
φ	SPECIAL PURPOSE RECEPTACLE. REFER TO NOTE ON PLAN.
•	20A-125V DOUBLE DUPLEX RECEPTACLE. NEMA 5-20R, (18" MH UNLESS NOTED OTHERWISE) TWO GANG ASSEMBLY.
Φ	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH BOTTOM OUTLET CONTROLLED BY WALL SWITCH. (18" MH UNLESS NOTED OTHERWISE).
•	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (46" MH UNLESS NOTED OTHERWISE).
Φ	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH 2 INTEGRAL USB CHARGERS (18" MH UNLESS NOTED OTHERWISE).
Φ <sup>GF</sup>	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE).
₩P	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R (HORIZONTAL 18" MH UNLESS NOTED OTHERWISE) WITH TAYMAC #MM420G EXTRA DUTY GRAY COVER, VERTICAL MOUNT.
$\mathbf{O}^{\text{WP/GF}}$	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE), WITH TAYMAC #MM420G EXTRA DUTY GRAY COVER, VERTICAL MOUNT.
ФЕМ	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, ON EMERGENCY POWER (18" MH UNLESS NOTED OTHERWISE).
ΦΤ	20A-125V POWERLOCK GROUNDING TYPE RECEPTACLE, HOSPITAL USE (66" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX PEDESTAL TYPE FLOOR RECEPTACLE, NEMA 5-20R, IN HUBBELL BA-2527 FLOOR BOX WITH SA-2525 COVERPLATE AND SC-3091 HOUSING. PROVIDE CARPET FLANGE WHERE REQUIRED.
# <sub>Y</sub>	FLOOR BOX, # INDICATES TYPE, REFER TO FLOOR BOX (FB) SCHEDULE. IF NO #, PROVIDE HUBBELL BA-2527 FLUSH FLOOR BOX WITH ROUND SA-3925 COVERPLATE AND ONE 20A-125V DUPLEX RECEPTACLE. PROVIDE CARPET FLANGE WHERE REQD
(#) <sub>X</sub>	FIRE RATED POKE-THRU, # INDICATES TYPE, REFER TO POKE-THRU (PT) SCHEDULE. IF NO #, PROVIDE HUBBELL 6 INCH
φ <sup>lG</sup>	RECESSED ACCESS POKE-THRU WITH TWO 20A-125V DUPLEX RECEPTACLES. PROVIDE CARPET FLANGE WHERE REQD.  20-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH ISOLATED GROUND (18" MH UNLESS NOTED OTHERWISE).
$\Phi^{20A}$	20A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-20R (18" MH UNLESS NOTED OTHERWISE).
$\Phi^{30A}$	30A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-30R (18" MH UNLESS NOTED OTHERWISE).
Φ 50A	50A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-50R (18" MH UNLESS NOTED OTHERWISE).
$\varphi$	20A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-20R (18" MH UNLESS NOTED OTHERWISE).
$\varphi$ $\varphi$ <sup>30A</sup>	30A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-30R (18" MH UNLESS NOTED OTHERWISE).
φ <sup>50A</sup>	50A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-50R (18" MH UNLESS NOTED OTHERWISE).
0	JUNCTION BOX.
	MULTI-OUTLET RECEPTACLES ASSEMBLY, NEMA 5-15R (SINGLE OUTLETS ON 18" CENTERS) (46" MH UNLESS NOTED
	OTHERWISE). WIREMOLD RACEWAY, AS NOTED ON PLANS.
H()	CLOCK HANGER OUTLET, SINGLE NEMA 5-15R RECESSED IN COVER PLATE (84" MH UNLESS NOTED OTHERWISE).
\$	SINGLE POLE SWITCH (46" MH UNLESS NOTED OTHERWISE).
2 \$	TWO POLE WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
# \$	MULTI-WAY WALL SWITCH, # INDICATES NUMBER OF WAYS (46" MH UNLESS NOTED OTHERWISE).
P \$	SWITCH WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
<u>\$</u> К \$	KEY OPERATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
\$ L \$	LOW-VOLTAGE MOMENTARY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
DM	LIGHTING DIMMER SWITCH (46" MH UNLESS NOTED OTHERWISE) 1000 WATTS UNLESS OTHERWISE INDICATED.
\$ R <b>\$</b>	SWITCH WITH RECEPTACLE (46" MH UNLESS NOTED OTHERWISE) STANDARD TWO-GANG ASSEMBLY OF SWITCH AND
M \$	RECEPTACLE. FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS
\$ H <b>\$</b>	NOTED OTHERWISE).  HP RATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
\$	ELECTRICAL PANEL OR SWITCHBOARD PER DRAWINGS.
P/B	PULL BOX.
	DISCONNECT SWITCH.
$\square$	MOTOR STARTER.
	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.
\(\sigma\)	ELECTRIC MOTOR.
	UNIT HEATER.
Ø <sub>UH</sub>	FAN COIL.
∕O <sub>FC</sub>	AIR CONDITIONER.
AC AC	CONDENSING UNIT.
∕O′ <sub>CU</sub>	UNIT VENTILATOR.
Ø <sub>UV</sub>	CORD REEL.
(P)	POWER POLE.
(T)	LINE VOLTAGE THERMOSTAT.
$\longrightarrow$	DUCT HEATER.
H <sub>DH</sub>	ELECTRIC BASEBOARD HEATER.
H <sub>EB</sub>	INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH
-=+	UNLESS NOTED OTHERWISE).
	INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE).
	INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE).
S	INTERCOM SPEAKER FLUSH MOUNT IN CEILING.
	PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE) EDWARDS 852 (120 VOLT).
	BUZZER (90" MH UNLESS NOTED OTHERWISE) EDWARDS 340-A (120 VOLT).
	4" DIAMETER (90" MH UNLESS NOTED OTHERWISE) EDWARDS "ADAPTABEL" (120 VOLT).  ELAPSED TIME INDICATOR CLOCK (90" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED
$\square$	OTHERWISE).
PC	PHOTOELECTRIC SENSOR.
	LIGHTING CONTACTOR.
	CEILING MOUNTED OCCUPANCY SENSOR.
	WALL MOUNTED OCCUPANCY SENSOR.
(VS)	CEILING MOUNTED VACANCY SENSOR.
HVS)	WALL MOUNTED VACANCY SENSOR.
(DS)	CEILING MOUNTED DAYLIGHT SENSOR.
-	OCCUPANCY SENSOR POWER PACK.

#### ADDDEVIATIONS

AAP	- AREA ALARM PANEL - MEDICAL GAS	HC	- HVAC CONTRACTOR (DIVISION 23)
ACC	- ACCESS	HP	- HORSE POWER OR HIGH POINT
ADJ	- ADJUSTABLE	HVAC	- HEATING, VENTILATING, AND AIR CONDITIONING
AF	- ARC FAULT CIRCUIT INTERRUPTER	IIVAU	HEATING, VENTILATING, AND AIR CONDITIONING
AFCI	- ARC FAULT CIRCUIT INTERRUPTER	ID	- INSIDE DIAMETER
AFF	- ARC PAOLIT CIRCUIT INTERROPTER - ABOVE FINISHED FLOOR TO BOTTOM OF ITEM	IN	- INSIDE DIAMETER - INCHES
AFG	- ABOVE FINISHED GRADE TO BOTTOM OF ITEM	IIN	- INOTILS
ALT	- ALTERNATE	KEC	- KITCHEN EQUIPMENT CONTRACTOR
AP	- ACCESS PANEL	NEC	- KITCHEN EQUIPMENT CONTRACTOR
APPROX		L	- LENGTH
ARCH	- APPROXIMATE - ARCHITECT OR ARCHITECTURAL	LBS	- POUNDS
ASSY	- ASSEMBLY	LDO	- POUNDS
ATS	- AUTOMATIC TRANSFER SWITCH	MAP	- MASTER ALARM PANEL (MEDICAL GAS)
AIS	- AUTOMATIC TRANSFER SWITCH	MAX	- MAXIMUM
BLDG	- BUILDING	MEZZ	- MEZZANINE
BOE	- BOTTOM OF EQUIPMENT	MFR	
			- MANUFACTURER
BOT	- BOTTOM	MH	- MANHOLE OR MOUNTING HEIGHT TO CENTER L
BTWN	- BETWEEN	MAINI	ITEM
000	CONTRACTOR FURNISHED CONTRACTOR WICTALL TO	MIN	- MINIMUM OR MINUTE
CFCI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED	MISC	- MISCELLANEOUS
CKT	- CIRCUIT	MTD	- MOUNTED
CLG	- CEILING	MTG	- MOUNTING
CMU	- CONCRETE MASONRY UNIT		
CONN	- CONNECT OR CONNECTION	NIC	- NOT IN CONTRACT
CONTR	- CONTRACTOR	NOM	- NOMINAL
CORR	- CORRIDOR	NTS	- NOT TO SCALE
CTR	- CENTER		
		OD	- OUTSIDE DIAMETER
D	- DEPTH	OFCI	- OWNER FURNISHED CONTRACTOR INSTALLED
DET	- DETAIL	OFOI	- OWNER FURNISHED OWNER INSTALLED
DIA	- DIAMETER		
DIM	- DIMENSION	PC	- PLUMBING CONTRACTOR (DIVISION 22)
DIV	- DIVISION	PLBG	- PLUMBING
DN	- DOWN		
DWG	- DRAWING	RAD	- RADIUS
		REC	- RECESSED
EA	- EACH	REQD	- REQUIRED
EC	- ELECTRICAL CONTRACTOR (DIVISION 26)	RI	- ROUGH-IN
EJ	- EXPANSION JOINT		
ELEC	- ELECTRICAL	S	- SURFACE MOUNTED
ELEV	- ELEVATION OR ELEVATOR	SC	- SECURITY CONTRACTOR
EM	- EMERGENCY	SCH	- SCHEDULE
EQ	- EQUAL	SHT	- SHEET
EQS	- EQUIPMENT SUPPLIER	SMS	- SECURITY MANAGEMENT SYSTEM
EQUIP	- EQUIPMENT	SPEC	- SPECIFICATIONS
E/R	- EXISTING TO BE RELOCATED	SQ	- SQUARE
EX	- EXISTING TO BE RELOCATED - EXISTING TO REMAIN	SS	- STAINLESS STEEL
EXP	- EXPANSION	STD	- STANDARD
EXT	- EXPANSION - EXTERIOR	STRUC	- STANDARD - STRUCTURAL OR STRUCTURE
LΛI	- LATERIUR	SUC	- SIRUCTURAL OR STRUCTURE - SITE UTILITY CONTRACTOR
ECE	- FIRE CONTROL EQUIPMENT	300	- SHE UTILITE CONTRACTOR
FCE		TO	TECHNOLOGY CONTRACTOR
FF	- FINISHED FLOOR ELEVATION	TC	- TECHNOLOGY CONTRACTOR
FLR	- FLOOR	TEMP	- TEMPERATURE
FSC	- FIRE SUPPRESSION CONTRACTOR (DIVISION 21)	TOE	- TOP OF EQUIPMENT
FT	- FEET	TYP	- TYPICAL
FTG	- FOOTING	1	LINE FOR MOTER OF STREET
00	OFNERAL CONTRACTOR	UNO	- UNLESS NOTED OTHERWISE
GC	- GENERAL CONTRACTOR		
GF	- GROUND FAULT CIRCUIT INTERRUPTER	VFD	- VARIABLE FREQUENCY DRIVE
GFCI	- GROUND FAULT CIRCUIT INTERRUPTER OR	VOL	- VOLUME
	GOVERNMENT FURNISHED CONTRACTOR INSTALLED		
GFFT	- GROUND FAULT FEED THRU	W/	- WITH
		W/O	- WITHOUT
		WP	- WEATHERPROOF
		* * 1	
		***	
	ERAL FLOOR PLAN NOTE		- ZONE VALVE CABINET

B E2	DETAIL: B = DETAIL DESIGNATION E2 = SHEET WHERE DETAIL IS LOCATED
1 E2	SECTION: 1 = SECTION DESIGNATION E2 = SHEET WHERE SECTION IS LOCATED
T2 1	ELEVATION: 1 = ELEVATION DESIGNATION T2 = SHEET WHERE ELEVATION IS LOCATED
3	PLAN NOTE. APPLIES ONLY TO THE SHEET WHICH IT IS SHOWN.
3	DETAIL NOTE. APPLIES ONLY TO THE ASSOCIATED DETAIL.
3	LIGHTING CONTROL DETAIL NOTE. APPLIES TO THE LIGHTING CONTROL SEQUENCE OF OPERATION SCHEDULE FOR ROOM CONTROL.
3	DEVICE QUANTITY - POWER NOTE. REFER TO DEVICE QUANTITIES - POWER SCHEDULE.
<del></del>	LADDER TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	CABLE TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
4"	WIRE & CONDUIT IN WALL OR ABOVE CEILING.
4"=	WIRE & CONDUIT IN OR BELOW SLAB OR GRADE.
C====:4"=====3	CONDUIT TO BE REMOVED.
EX-	EXISTING WIRE & CONDUIT TO REMAIN.
DAT-	CONDUIT FOR DATA CIRCUITRY.
EM	WIRE & CONDUIT FOR EMERGENCY CIRCUITRY.
FA	WIRE & CONDUIT FOR FIRE ALARM CIRCUITRY.
	WIRE & CONDUIT FOR INTERCOM SYSTEM CIRCUITRY.
NCNC	WIRE & CONDUIT FOR NURSE CALL CIRCUITRY.
NL——NL	WIRE & CONDUIT FOR NIGHT LIGHT CIRCUITRY.
PHO PHO	CONDUIT FOR PHONE CIRCUITRY.
s	WIRE & CONDUIT FOR SOUND SYSTEM CIRCUITRY.
SEC	WIRE & CONDUIT FOR SECURITY SYSTEM CIRCUITRY.
TV	WIRE & CONDUIT FOR TELEVISION SYSTEM CIRCUITRY.
W	WIRE RUN IN SURFACE WIREWAY.
CM	CABLE MANAGEMENT SYSTEM PATHWAY.
X - 1,2	EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; "X" DENOTES PANEL NAME; NUMBER(S DENOTES CIRCUIT(S).

NOTE:
ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS. ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.



**ELECTRICAL SHEET LIST** 

LEGEND AND INDEX
SINGLE-LINE AND PANELBOARD SCHEDULE
SITE PLAN - ELECTRICAL



HAMILTON COUNTY RIVERFRONT PARKING AND INFRASTRUCTURE IMPROVEMENTS



Cincinnati, Ohio 45202 Phone: 513.241.3222 www.thpltd.com

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09/11/2024 BID SET

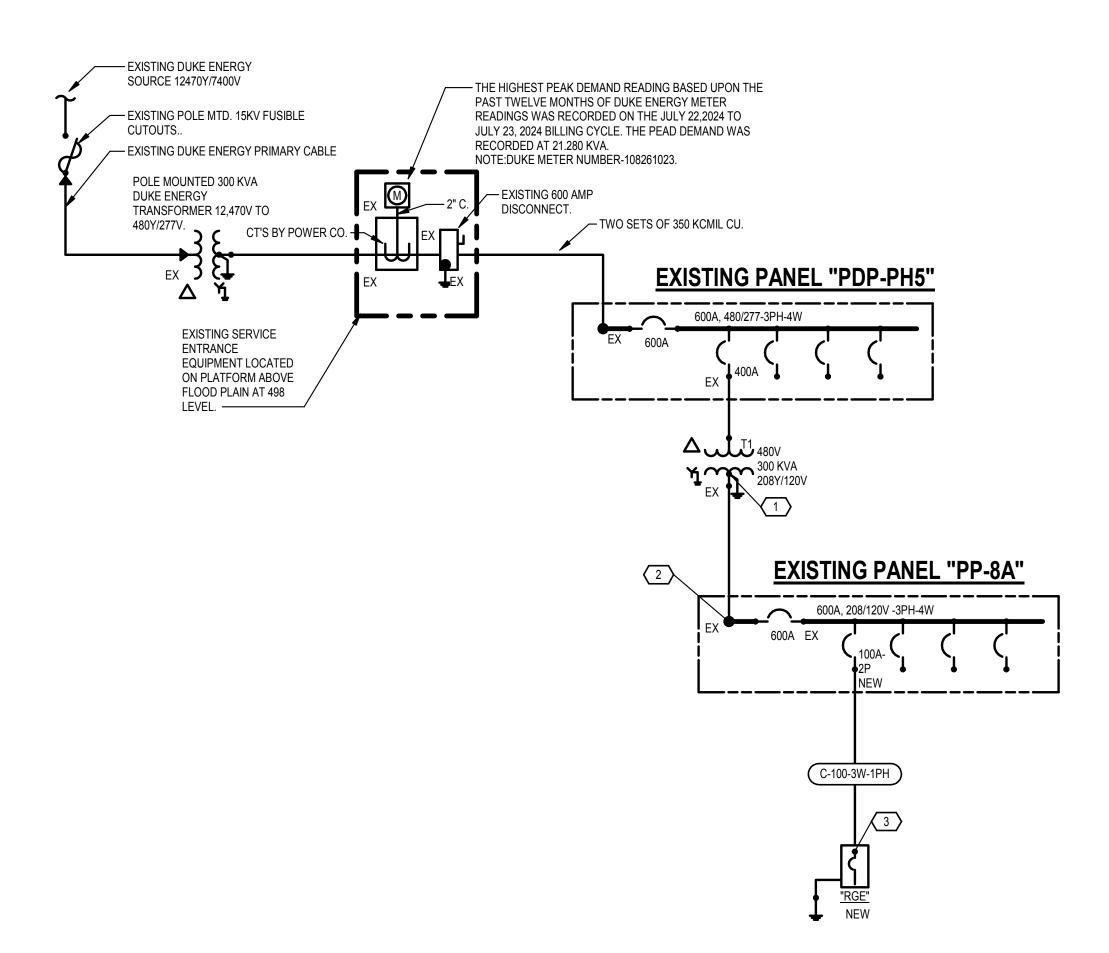


GUARD BOOTH

LEGEND AND INDEX

09/11/2024





## 1 ELECTRICAL SINGLE-LINE SCALE: NONE

FEEDER WIRE SIZES								
FEEDER TAG	# OF SETS	# OF CONDUCTORS	CONDUCTOR SIZE	GROUND SIZE	CONDUIT SIZE			
C 100 3W 1PH	1	3	1	8	2"			

	FAULT CUF	RRENT SCH	IEDULE
REF. POINT	DESCRIPTION	EQUIP. RATING	AVAILABLE SHORT CIRCUIT AMPS
1	T1 SECONDARY	EXISTING	20,843
2	PP8A	EXISTING	19,366
3	RGE	10,000	3,991

СКТ	Circuit Description	Trip	Poles		Α		В	Poles	Trip	Circuit	Description	CK
1	Spare	20 A	Poles 1	0 VA	0 VA			1	20 A		Spare	2
3	Spare	20 A	1	0 771	0 1/1	0 VA	0 VA	1	20 A		Spare	2
5	Spare	20 A	1	0 VA	0 VA	0 17	0 171	1	20 A		Spare	-
7	Spare	20 A	1	<b>0 1</b> 7, (	0 171	0 VA	0 VA	1	20 A		Spare	-
9	Spare	20 A	1	0 VA	0 VA		<b>V</b> 171	1	20 A		Spare	1
11	Spare	20 A	1			0 VA	0 VA	1	20 A		Spare	1
13	Spare	20 A	1	0 VA	0 VA			1	20 A		Spare	1
15	Spare	20 A	1			0 VA	0 VA	1	20 A		Spare	1
17	Spare	20 A	1	0 VA	0 VA			1	20 A		Spare	1
19	Spare	20 A	1			0 VA	0 VA	1	20 A		Spare	2
21	Spare	20 A	1	0 VA	0 VA			1	20 A	;	Spare	2
23	Spare	20 A	1			0 VA	0 VA	1	20 A	;	Spare	2
25	Spare	20 A	1	0 VA	0 VA			1	20 A	;	Spare	2
27	Spare	20 A	1			0 VA	8320 VA	2	0 A	PROJEC	TED PANEL	2
29	Spare	20 A	1	0 VA	8320 VA							3
·		Total	Load:	8.3	2 kVA	8.	32 kVA			•		
_oad C	lassification		Conne	cted	Demand F	actor	Estimated.			Panel	Totals	
Motor			1664	0 VA	125.00	%	20800 VA					
									Total Co	onn. Load:	16.64 kVA	
								T	otal Est	. Demand:	20.8 kVA	
									To	tal Conn.:	80 A	
								T	otal Est	. Demand:	100 A	

3	Space												Space	4
5	Space		1							1			Space	6
7	Space		1		0 VA					3	30 A		Spare	8
9	Space		1				0 VA							10
11	Space		1		40.15				0 VA				 EV LID 0	12
13	Space		1		1646		1105			3	125 A		EX HP-6	14
15 17	Space Space		1				1185		1292					16 18
17	· ·	 400 A	3	3580	1476				1292	3	 125 A		 EX HP-7	20
21				3360	1470	3580	1015				123 A			22
23						3300	1010	3580	9820					24
25		600 A	3	0 VA	0 VA			0000	0020	3	60 A		EX TVSS	26
27				<b>.</b>	<b>J</b>	0 VA	0 VA							28
29							-	0 VA	0 VA					30
		Total	Load:	67.03	3 kVA	57.8	0 kVA		4 kVA					
Load	Classification			onnecte	ed D	emand F	actor	Estimat	ted			Panel	Totals	
NEW A	AND EXISTING			183366	VA	100.00	)%	183366	S VA					
										Tota	l Conr	. Load:	183.37 kVA	
										Total			183.37 kVA	
												Conn.:		
										Total	Est. D	emand:	221 A	
Ds	183.37 kVA anel: PP-8A		E	XIS	TING	3					183	.37 kVA	(221 A)	
I C												Ooting: I	EXISTING	
L Supp	Location: OUTSIDE oly From: TRANSFORMER Voltage: 208Y/120V-3P	T1 H-4W				Mounti Enclosi	_				Mains	Type:   Rating: 6	MB	
L Supp	Location: OUTSIDE oly From: TRANSFORMER Voltage: 208Y/120V-3P Circuit Description	H-4W Trip	Poles		<b>A</b>	Enclos	_	pe 1	C	Poles	Mains Iains F Trip	Type:   Rating: 6	MB 600 A uit Description	СКТ
Supp CKT	Location: OUTSIDE oly From: TRANSFORMER Voltage: 208Y/120V-3P  Circuit Description  EX EVENT POWER E	H-4W <b>Trip</b> 200 A	Poles 3	1680	<b>A</b>	Enclosu	ure: Ty	pe 1	c	Poles	Mains Fains	Circu	MB 600 A wit Description WENT P RW W	2
L Supp	Location: OUTSIDE oly From: TRANSFORMER Voltage: 208Y/120V-3P Circuit Description	H-4W Trip	3			Enclos	ure: Ty	pe 1	1000	Poles	Mains Iains F Trip	Circu	MB 600 A uit Description	
CKT 1 3	Location: OUTSIDE oly From: TRANSFORMER Voltage: 208Y/120V-3P  Circuit Description  EX EVENT POWER E	Trip 200 A	3			Enclosu	ure: Ty	pe 1		Poles 1 1	Mains Familians	Circu EX EV EX EV	MB 600 A wit Description WENT P RW W WENT P RW W	2
CKT 1 3 5	Location: OUTSIDE oly From: TRANSFORMER Voltage: 208Y/120V-3P  Circuit Description  EX EVENT POWER E	Trip 200 A  	3	1680	1000	Enclosu	ure: Ty	pe 1		Poles	Mains Fallains Fallai	Circu EX EV EX EV EX EV	MB 600 A wit Description VENT P RW W VENT P RW W	2 4 6 8
CKT 1 3 5 7 9 11	Circuit Description  EX EVENT POWER W	Trip 200 A   200 A	3 3	1680	1000	1680	B 1000	pe 1		Poles 1 1 1 1 1 1	Mains Falains	Circu EX EY EX EY EX EY EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E	2 4 6 8 10 12
CKT 1 3 5 7 9 11 13	Circuit Description  EX EVENT POWER W   Space	Trip 200 A   200 A	3   3   1	1680	1000	1680	B 1000	1680 1680	1000	Poles 1 1 1 1 1	Mains F  Trip  20 A  20 A  20 A  20 A  20 A	Circu EX EY EX EY EX EY EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW W VENT P RW E VENT P RW E	2 4 6 8 10 12 14
CKT 1 3 5 7 9 11 13 15	Circuit Description  EX EVENT POWER W   EX EVENT POWER W   Space  Space	Trip 200 A 200 A	3   3  1 1	1680	1000	1680	B 1000	1680 1680	1000	Poles 1 1 1 1 1 1 2	Trip 20 A 20 A 20 A 20 A 20 A 20 A	Circu EX EY EX EY EX EY EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E E AT BOOTH	2 4 6 8 10 12 14 16
CKT 1 3 5 7 9 11 13 15 17	Circuit Description  EX EVENT POWER W   EX EVENT POWER W   Space  Space  Space  Space	Trip 200 A 200 A	3   3   1 1	1680	1000	1680	B 1000	1680 1680	1000	Poles 1 1 1 1 1 2 1	Trip 20 A 20 A 20 A 20 A 20 A 20 A 100 A	Circu EX EY EX EY EX EY EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E STAT BOOTH Space	2 4 6 8 10 12 14 16 18
CKT 1 3 5 7 9 11 13 15 17 19	Circuit Description  EX EVENT POWER W   Space	Trip 200 A 200 A	3   3   1 1 1	1680	1000	1680 1680	B 1000		1000	Poles 1 1 1 1 1 2 1 1 1	Trip 20 A 20 A 20 A 20 A 20 A 100 A	Circu EX EY EX EY EX EY EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space	2 4 6 8 10 12 14 16 18 20
CKT 1 3 5 7 9 11 13 15 17 19 21	Circuit Description  EX EVENT POWER W  Space Space Space Space Space Space Space Space Space	Trip 200 A 200 A	3   3   1 1 1 1	1680	1000	1680	B 1000	1680 1680	1000	Poles 1 1 1 1 1 1 2 1 1 1 1	Trip 20 A 20 A 20 A 20 A 20 A	Circu EX EY EX EY EX EY EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E SPACE Space Space	2 4 6 8 10 12 14 16 18 20 22
CKT 1 3 5 7 9 11 13 15 17 19 21 23	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A	3   3  1 1 1 1 1	1680	1000	1680 1680	B 1000		1000	Poles 1 1 1 1 1 2 1 1 1 1 1	Trip 20 A 20 A 20 A 20 A 20 A	Circu EX EV EX EV EX E EX E EX E RGI	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space Space Space	2 4 6 8 10 12 14 16 18 20 22 24
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A	3   3   1 1 1 1 1 1	1680	1000	1680 1680	B 1000 1000 8320		1000	Poles 1 1 1 1 1 1 1 1 1 1 1 3	Trip 20 A 20 A 20 A 20 A 20 A 200 A	Circu EX EV EX EV EX E EX E EX E RGI	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E Space Space Space Space Space Space Space OSE GARDEN	2 4 6 8 10 12 14 16 18 20 22 24 26
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A	3   3  1 1 1 1 1	1680	1000	1680 1680	B 1000		1000	Poles 1 1 1 1 1 2 1 1 1 1 1	Trip 20 A 20 A 20 A 20 A 20 A	Circu EX EV EX EV EX E EX E EX E RGI	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space Space Space	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A	3   3  1 1 1 1 1 1 1 1	1680	1000 1000 8320 1680	1680 1680	B 1000 1000 1000	1680 1680	1000	Poles 1 1 1 1 1 1 1 1 1 1 1 1 3	Trip 20 A 20 A 20 A 20 A 20 A 100 A 200 A	Circu EX EV EX EV EX E EX E EX E RGI	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E Space Space Space Space Space Space OSE GARDEN	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A	3  3  1 1 1 1 1 1 1 1 1 1 Load:	1680	1000 1000 8320 1680	1680 1680	B 1000 1000 8320 1680	1680 1680	1000 1000  1680	Poles 1 1 1 1 1 1 1 1 1 1 1 1 3	Trip 20 A 20 A 20 A 20 A 20 A 100 A 200 A	Circu EX EY EX EY EX E EX E EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E Space Space Space Space Space Space OSE GARDEN	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load	Circuit Description EX EVENT POWER W Space	Trip 200 A 200 A Total	3  3  1 1 1 1 1 1 1 1 1 1 Load:	1680 1680	1000 1000 8320 1680 2 kVA	1680 1680	B 1000 1000 1000 1000 1083 1680 2 kVA		1000 1000 1000 1680	Poles 1 1 1 1 1 1 1 1 1 1 1 1 3	Trip 20 A 20 A 20 A 20 A 20 A 100 A 200 A	Circu EX EY EX EY EX E EX E EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A Total	3 	1680 1680	1000 1000 8320 1680 2 kVA ed D	1680 1680 1680	B 1000 1000 1000 1000 1000 1000 2 kVA Factor		1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mains Flains Fla	Circu EX EY EX EY EX E EX E EX E EX E EX E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load NEW P	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A Total	3 	1680 1680   60.72 Connected	1000 1000 8320 1680 2 kVA ed D /A	1680 1680 1680 60.72	B 1000 1000 1000 1000 1000 1000 1000 1000	1680 1680 1680 52.4 Estimat	1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 Tota	Mains Flains F 20 A 20 A 20 A 20 A 100 A 200 A 200 A	Circu EX EY EX EY EX E EX E EX E EX E EX E EX	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E Space Space Space Space Space Space Space Totals	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load NEW P	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A Total	3 	1680 1680   60.72 Connecte 16640 V	1000 1000 8320 1680 2 kVA ed D /A	1680 1680 1680  60.7: Demand F 125.00 53.31	B 1000 1000 1000 1000 1000 1000 1000 1000	1680 1680 1680 52.4 Estimat 20800 80600	1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 Total	Trip 20 A 20 A 20 A 20 A 20 A 200 A Total	Circu EX EY EX EY EX EY EX E EX E EX E EX E E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space Space Space Space Space Space Totals  173.84 kVA 107.4 kVA 483 A	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load NEW P	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A Total	3 	1680 1680   60.72 Connecte 16640 V	1000 1000 8320 1680 2 kVA ed D /A	1680 1680 1680  60.7: Demand F 125.00 53.31	B 1000 1000 1000 1000 1000 1000 1000 1000	1680 1680 1680 52.4 Estimat 20800 80600	1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 Total	Trip 20 A 20 A 20 A 20 A 20 A 200 A Total	Circu EX EY EX EY EX E EX E EX E EX E EX E EX	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space Space Space Space Space Space Totals  173.84 kVA 107.4 kVA 483 A	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load NEW P	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A Total	3 	1680 1680   60.72 Connecte 16640 V	1000 1000 8320 1680 2 kVA ed D /A	1680 1680 1680  60.7: Demand F 125.00 53.31	B 1000 1000 1000 1000 1000 1000 1000 1000	1680 1680 1680 52.4 Estimat 20800 80600	1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 Total	Trip 20 A 20 A 20 A 20 A 20 A 200 A Total	Circu EX EY EX EY EX EY EX E EX E EX E EX E E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space Space Space Space Space Space Totals  173.84 kVA 107.4 kVA 483 A	2 4 6 8 10 12 14 16 18 20 22 24 26
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load NEW P	Circuit Description  EX EVENT POWER W  Space	Trip 200 A 200 A Total	3 	1680 1680   60.72 Connecte 16640 V	1000 1000 8320 1680 2 kVA ed D /A	1680 1680 1680 60.7: 0emand F 125.00 53.31	B 1000 1000 1000 1000 1000 1000 1000 1000	1680 1680 1680 52.4 Estimat 20800 80600	1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 Total	Trip 20 A 20 A 20 A 20 A 20 A 200 A Total	Circu EX EY EX EY EX EY EX E EX E EX E EX E E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space Space Space Space Space Space Totals  173.84 kVA 107.4 kVA 483 A	2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29  Load NEW P	Circuit Description EX EVENT POWER E EX EVENT POWER W Space	Trip 200 A 200 A	3 	1680 1680   60.72 Connecte 16640 V	1000 1000 8320 1680 2 kVA ed D /A	1680 1680 1680 60.7: 0emand F 125.00 53.31	B 1000 1000 1000 1000 1000 1000 1000 1000	1680 1680 1680 52.4 Estimat 20800 80600	1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 Total	Trip 20 A 20 A 20 A 20 A 20 A 200 A Total	Circu EX EY EX EY EX EY EX E EX E EX E EX E E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E VENT P RW E SPACE Space Space Space Space Space Space Totals  173.84 kVA 107.4 kVA 483 A	2 4 6 8 10 12 14 16 18 20 22 24 26 28
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CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 Load NEW PEX EVE	Circuit Description EX EVENT POWER E EX EVENT POWER W Space	Trip 200 A 200 A	3 	1680 1680   60.72 Connecte 16640 V	1000 1000 8320 1680 2 kVA ed D /A	1680 1680 1680 60.7: 0emand F 125.00 53.31	B 1000 1000 1000 1000 1000 1000 1000 1000	1680 1680 1680 52.4 Estimat 20800 80600	1000 1000 1000 1680 0 kVA	Poles 1 1 1 1 1 1 1 1 1 1 1 1 Total	Mains Flains F  20 A 20 A 20 A 20 A 20 A 100 A 200 A Total  Est. D  Est. D	Circu EX EY EX EY EX EY EX E EX E EX E EX E E	MB 600 A  III Description VENT P RW W VENT P RW W VENT P RW E VENT P RW E VENT P RW E E AT BOOTH Space Space Space Space Space Totals  173.84 kVA 107.4 kVA 483 A 298 A	22 44 44 66 66 88 88 88 10 11 11 11 11 11 11 11 11 11 11 11 11

**Mounting:** Surface **Enclosure:** Type 1

A.I.C. Rating: EXISTING Mains Type: MB Mains Rating: 600 A

Panel: PDP-PH5 EXISTING

Location: OUTSIDE
Supply From: SERVICE DISCONNECT
Voltage: 480Y/277V-3PH-4W

#### **ELECTRICAL SINGLE-LINE LEGEND**

CONDUIT AWARD SE CREVANCE  BUSINES CONDUITS WHE TO RESAME  THAT COURSE AWARD SERVE OF THE MARK  WITHOUT SEARCH FEBRUAGE DATA  FINAL COURSENT RESPERATOR DATA  FINAL COURSENT RESPERATOR DATA  FINAL COURSENT RESPERATOR DATA  FEBRUAGE SERVE SAME SAME  SECONDUITS SERVED  SECONDUITS SERVED  AUTOMATIC TRANSFER SAMEOL THRACE WOUTING DROP  FEBRUAGE AWARD WAS SAME SAMEOL THRACE WOUTING DROP  FEBRUAGE AWARD WAS SAME SAMEOL THRACE WOUTING DROP  FEBRUAGE AWARD WAS SAME SAMEOL TO ANALYS  FEBRUAGE FOR SAME SAMEOL  AUTOMATIC TRANSFER SAMEOL TAVASS  BUS LINK  CROUT SEASON SESSION OF THRACE COURSE  FEBRUAGE AWARD WOUTING DROPOL TAVASS  BUS LINK  CROUT SEASON SESSION  CROWNEST COURSESTOR  CROWNEST COURSESTOR  FEBRUAGE TO COURSESTOR  FEBRUAGET COURSESTOR  FE		
ENSTRUCTORUMENT AND TO PREAM  INTRODUCTOR PRODUCT OF PREAM  FOUNDATION FROM THE PRODUCT ON THE TOTAL TO CORRECT THE PRODUCT ON		CONDUIT & WIRE
NICESPREED COUPSINE SOUTH CONTROL OF THE PROJECT OF		CONDUIT & WIRE TO BE REMOVED
SWITCHEGARD PROLOSURE BUSINSON  (P) FAULT CONCRET TRESPERIOR POINT  FERENCE WITE SIZE SYMBOL  SPECIAL CONTRIGHTANDS 25 VINDO DELE NO MELTINAL  AUTOMATIC TRANSFER SANTOH SPEASS  BUS BUSTO  BUS BUSTO  BUS BUSTO  DEL A SYMBOL  DE DECRETA ONE METER  DE DEL PRODUCTOR  DEL CONTRIGHT CONTRICTON  DEL CONTRIGHT CONTRICTON  PERMINENT CONTRICTON  PERMINENT CONTRICTON  PERMINENT CONTRICTOR  DEL CONTRIGHT CONTRICTOR  PERMINENT MALETER  DEL CONTRIGHT CONTRICTOR  DEL CONTRIGHT MALETER  DEL CONT		EXISTING CONDUIT & WIRE TO REMAIN
SWITCHEGARD PROLOSURE BUSISHON  (F) FAULT CONTROL PRESENCE POINT  FETGER WERE SIZE SYMBOL SPECIAL COUNTING AND CO. MICHAEL PROP OF PRIMARY SPECIAL COUNTING AND CO. MICHAEL PROP OF PRIMARY AUTOMATIC TRANSFER SWITCH  DISCONDECT  CHAPMON CONNECTION  CHAPMON		
ESSENCE  FAULT CURRENT PERSONNER POINT  FERENT WAY IS SER SYMBOD  SPECIAL CONFIGURATION OF INVADITIES NO MENTIFAL SPECIAL CONFIGURATION OF INVADITIES OF I		
FAULT CURRENT REFERENCE POINT  FEEDER WITE SZE SYMBOL  SECONLADY STAFFOR STRUCKE, V-VOLTAGE ERROP  4 OF PAGES  FORTER SUPPRISE  AUTOMATIC TRANSFER SWITCH  BY  COULT A SYMBOL  CROUT SPEAKER. MEDIUM VOLTAGE DRAMOUT  ADDITOR SWITCH  COULT A SYMBOL  CROUT SPEAKER. MEDIUM VOLTAGE DRAMOUT  ADDITOR SWITCH  COULT AND MITTER  COULT A SYMBOL  CROUT SPEAKER. MEDIUM VOLTAGE DRAMOUT  ADDITOR SWITCH  COULT AND MITTER  COULT AND MITTER  COULT AND MITTER  COULT AND MITTER  COULT SWITCH TRANSFORMER  COULT AND MITTER  C		
FELDER MIRE SUE SYMBOL SPROUT OF THAT SO THE NO PUT NO POLY NO NUTURN SPROUT OF PHANES OF PHANES OF COMBUSTORS FELDER AMERICE INTRODUCT VAVOIT TABLE BROOF OF PHANES OF COMBUSTORS FELDER AMERICE MINISTER, AND MINISTER SWITCH - BYPASS  BUS DUCT  HISTOPHANE BUS LINK  CIRCUIT BREAMER - WEDIUM VOLTAGE DRAWOUT  A DE TA SYMBO  DE COMMETT  CRAWOUT CONNECTION  EIGETRO METER  DE COUNTERT CONTROLT  HE COUNTERT CONTROLT  FULL OF THAT SWITCH CONTROL  FULL TORS THAT SWITCH CONTRO		
SPECIAL COURSE CHITMONE OF NUTBERS OF PRAISES OF COURSE OF PRAISES OF PRAIS	(#)	FAULT CURRENT REFERENCE POINT
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SERCIONARY, SHERMOND FINANCE VALUE TAGE BROWN FOR PROBLEM OF PROBLEM OF PROBLEM OF THE PROBLEM O	( WPH	
AUTOMATIC TRANSFER SMITCH  AUTOMATIC TRANSFER SMITCH SPYNAS  EXTENSIVE AUTOMATIC TRANSFER SMITCH SPYNAS  EXTENSIVE SILES BUS DIGT  BY TRANSFARE SMITCH SPYNAS  BUS DIGT  BY TRANSFARE SMITCH SPYNAS  BUS DIGT  BY TRANSFARE SMITCH SPYNAS  BUS LINK  CIRCLIT DREAMER. MEDIUM VOLTAGE DRAWOUT  DISCONNECT  CIRCLIT DRAWOUT CONNECTOR  CIRCLIP DREAMER. MEDIUM VOLTAGE DRAWOUT  CIRCLIP DRAWOUT CONNECTOR  CIRCLIP DRAWOU		— SPECIAL CONFIGURATION: 2P=TWO POLE NO NEUTRAL, S=SECONDARY SE=SERVICE ENTRANCE V=VOLTAGE DROP
AUTOMATIC TRANSFER SWITCH  AUTOMATIC TRANSFER SWITCH - BYPASS  EZZZ BUS DUCT  BUS DUCT		
AUTOMATIC TRANSFER SWITCH  AUTOMATIC TRANSFER SWITCH - SYPASS  EZZZI BUS DUCT  BY REMOVABLE BUS LINK  CROUTE REPARENT - REMOVABLE BUS LINK  CROUTE REPARENT - REPOLICE PROMISE BUS LINK  CROUTE - COUPMENT CONTROLTER  COUPMENT CONTROLTER  COUPMENT CONTROLTER  COUPMENT FORENT TRANSFORMER  COUPMENT FORENT LITERANSFORMER  SWEED STATEMENT - REPARENT REPORTER  COUPMENT WITE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - SECONDARY  CREED AND FAULT PROTECTION  COUPMENT WITE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - SECONDARY  CREED AND FAULT PROTECTION  COUPMENT WITE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - SECONDARY  CREED AND FAULT PROTECTION  COUPMENT WITH SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - SECONDARY  CREED AND FAULT PROTECTION  COUPMENT WITH SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - SECONDARY  CREED AND FAULT PROTECTION  CREED AND FAULT PROT		
AUTOMATIC TRANSFER SWITCH - BYPASS  BUS DUCT  BUS DUCT  BUS DUCT  BUS DUST  BUS DUCT  BUS DUST  BUS DUST  BUS DUST  BUS DUST  BUS DUST  CRECITATION AND CONNECTON  DECTA SWINGOL  DECTA SW		
AUTOWATIC TRANSFER SWITCH - SYPASS  BUS DUCT  BUS DUCT  BUS DUS DUS DUS DUS DUS DUS DUS DUS DUS D		WATENIAE, A-ACOMINOW, O-OOFFEIX
AUTOMATIC TRANSFER SWITCH-BYPASS  EXAMINATION AND FRANCE  CROUT BREAMER - MEDIUM YOUTAGE DRAWOUT  A DELTA SYMBOL  D DISCONNECT		
AUTOMATIC TRANSFER SWITCH-BYPASS  EXAMINATE BUSINES  BUSINES  CROUTE REPOWARE BUSINES  CROUPMENT CAPACITOR  CROUPMENT CAPACITOR  CROUTE REPOWARE BUSINES  CROUPMENT CAPACITOR  CROUPMENT MAINTERED  CROUPMENT MAINTERED  CROUPMENT MAINTENERS  CROUPMENT MAINTENERS  CROUPMENT MAINTENERS BUSINES  CROUPMENT WITE SIDE OF TRANSFORMER WITH CROUND  CROUPMENT WITE SIDE OF TRANSFORMER WITH CROUND  CROUTED SWITCH - PREMARY  CROUTED SWITCH - PREMARY  CROUTED SWITCH - PREMARY  CROUTED STARTER  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELSOARD - MAIN DISCONNECT  CROUTED STARTER AND DIS		ALITOMATIC TRANSCER SMITCH
BUS DUCT  BY SULTINK  CIRCUIT BREAKER - MEDIUM VOLTAGE DRAWOUT  A DELTA SYMBOL  DISCONNECT  CHOOMETER  DESCRIPTION METER  DELECTRIC METER  DEL		ACTOMATIC HANGIER OWN OF
BUS DUCT  BY SUL TIME CIRCUIT BREAKER - MEDIUM VOLTAGE DRAWOUT  CONNECT CO		
BUS DUCT  BY SUL TIME CIRCUIT BREAKER - MEDIUM VOLTAGE DRAWOUT  CONNECT CO		
RESONABLE RUSLINK  CROUIT BREAKER - MEDIUM YOUTAGE DRAWOUT  DELTA SYMBOL  DELTA SECONDARY  DELTA SECONDARY  DELTA SYMBOL  DELTA	***	AUTOMATIC TRANSFER SWITCH - BYPASS
RESTORAGE RUSLINK  CROUT SREAKER - MEDIUM YOUTAGE DRAWOUT  DETA SYMBOL  DECONNECT  CHANGUI CONNECTION  DELOGRID METER  DECONNECT  CHE BOUPMENT AMMETER  CHE BOUPMENT CONTACTOR  COUPMENT TAMASFORMER  COUPMENT GROUND  COUPMENT THUSTING ARRESTOR  COUPMENT SWITCH FORTENTIAL TRANSFORMER  COUPMENT WITE SIDE OF TRANSFORMER WITH GROUND  FUSED CUTOUT  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  COUPMENT ON THE FORTENTIAL  COUPMENT OF TRANSFORMER WITH GROUND  FUSED CUTOUT  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  COUPMENT ON THE FORTENTIAL  COUPMENT ON THE FORTENTIAL  COUPMENT ON THE FORTENTIAL  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  COUPMENT ON THE FORTENTIAL  COUPMENT ON THE FORTENTIAL  COUPMENT ON THE FORTENTIAL  COUPMENT ON THE FORTENTIAL  THE FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  COUPMENT ON THE FORTENTIAL  COU	E 3 T 3 N	
RESTOUNDED  RUSINN  CIRCUIT SPEAKER - MEDIUM VOLTAGE DRAWOUT  DELTA SYMBOL  DELTA SYMB		BUSDUCT
GIRCUIT BREAKER - MEDIUM VOLTAGE DRAWOUT  OBLITA SYMBOL  DISCONNECT  CHORMOUT CONNECTION  ELECTRIC METER  DECUPARENT AMMETER  HE COUPMENT AMMETER  HE COUPMENT CONTACTOR  COUPMENT CONTACTOR  COUPMENT CONTACTOR  COUPMENT CONTACTOR  COUPMENT FROUND  COUPMENT FROUND  COUPMENT SWITCHBOARD METER  COUPMENT SWITCHBOARD METER  COUPMENT WIS SUBJECT FRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  COUPMENT OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  COUPMENT WIS SUBJECT FOR TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  COUPMENT WIS SUBJECT OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  COUPMENT WIS SUBJECT OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED S		500 5001
OROUT BREAKER - MEDIUM VOLTAGE DRAWOUT  A DELTA SYMBOL  DISCONNECT  ← DRAWOUT CONNECTON  ELECTRIC METER  EQUIPMENT AMARTER  † EQUIPMENT AMARTER  † EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT TOURS TRANSFORMER  EQUIPMENT TOURS TRANSFORMER  EQUIPMENT TOURS TRANSFORMER  EQUIPMENT TOURS TRANSFORMER  EQUIPMENT SWITCH-SCONDARY  EQUIPMENT WE'S SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWI		BUSTINK
DELTA SYMBOL  DISCONNECT  CHORMOUT CONNECTION  ELECTRIC METER  EQUIPMENT ADMINETER  FEQUIPMENT CONTACTOR  FEQUIPMENT CONTACTOR  FEQUIPMENT TOWNS ARRESTOR  EQUIPMENT TOWN THAN STORMER  SYMBO METERING  FOURMENT WILL THAN STORMER  EQUIPMENT SWITCHBOARD METER  FUSED CUTOUT  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  GENERATOR  GENERATOR  MOTOR  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN SREAKER  A MOTOR STARTER AND DISCONNECT  THE PANELBOARD - MAIN LUG ONLY  THE PANELBOARD - MAIN SECANDER  SINGLE POLE SWITCH  VARIABLE FROUENCY DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FROUENCY DRIVE	■G — BUS LINK	BOO LINK
DELTA SYMBOL  DISCONNECT  CHORMOUT CONNECTION  ELECTRIC METER  EQUIPMENT AMMETER  FEQUIPMENT CAPACITOR  FEQUIPMENT CONTACTOR  COMPANIENT TRANSFORMER  EQUIPMENT TOWNS ARRESTOR  EQUIPMENT TOWN TRANSFORMER  EQUIPMENT WILL THETER  COMPANIENT SWITCHBOARD METER  FOUR METERNAS  EQUIPMENT TOWN THAT TRANSFORMER  SYMBO  METERNAS  EQUIPMENT TOWN THAT TRANSFORMER  FUSED SWITCH - PRIMARY  FUSED SWITC		OIDOUIT BREAVER MEDIUM VOLTAGE BRAWOUT
DISCONNECT  CO PRAWOUT CONNECTION  ELECTRIC METER  DESCRIPTION AMAINETER  ILL EQUIPMENT AMAINETER  ILL EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT MULTIMETER  EQUIPMENT POTENTIAL TRANSFORMER  EQUIPMENT WITCHBOARD METER  EQUIPMENT WITCHBOAR		CIRCUIT BREAKER - MEDIUM VULTAGE DRAWOUT
DISCONNECT  CO PRAWOUT CONNECTION  ELECTRIC METER  DESCRIPTION AMAINETER  ILL EQUIPMENT AMAINETER  ILL EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT MULTIMETER  EQUIPMENT POTENTIAL TRANSFORMER  EQUIPMENT WITCHBOARD METER  EQUIPMENT WITCHBOAR	^	DELTA SYMBOL
ELECTRIO METER  EQUIPMENT AMMETER  HÉ EQUIPMENT CONTACTOR  EQUIPMENT CONTACTOR  EQUIPMENT GONDO  EQUIPMENT GONDO  EQUIPMENT MULTIMETER  EQUIPMENT POTENTIAL TRANSFORMER  EQUIPMENT VOLTMETER  EQUIPMENT VOLTMETER  EQUIPMENT WITCHBOARD METER  EQUIPMENT WITCH		DELIA OTIVIDOL
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ELECTRIC METER  EQUIPMENT AMMETER  HE EQUIPMENT CAPACITOR  EQUIPMENT CAPACITOR  EQUIPMENT CONTACTOR  EQUIPMENT GOUND  EQUIPMENT GOUND  EQUIPMENT MULTIMETER  EQUIPMENT POTENTIAL TRANSFORMER  EQUIPMENT WITCHBOARD METER  EQUIPMENT WITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT WITCHBOARD METER  EQUIPMENT WITCHBOARD METER  FUSED CUTOUT  FUSED SWITCH - PRIMARY  GENERATOR  EQUIPMENT WITCHCOTOR  KEYED INTERLOCK  MOTOR  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAK		
EQUIPMENT CARACITOR  HE EQUIPMENT CONTACTOR  COUPMENT GROUND  COUPMENT MULTIMETER  COUPMENT MULTIMETER  COUPMENT WITCHBOARD METER  COUPMENT WITCHBOARD METER	←←	DRAWOUT CONNECTION
EQUIPMENT CARACITOR  HE EQUIPMENT CONTACTOR  COUPMENT CONTACTOR  EQUIPMENT GROUND  EQUIPMENT LIGHTNING ARRESTOR  EQUIPMENT WILLTIMETER  EQUIPMENT WILLTIMETER  EQUIPMENT VOLTMETER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT WYE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  GENERATOR  FUSED SWITCH - SECONDARY  FUSED SWITCH - SECONDARY  FUSED SWITCH - SECONDARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  FUSED SWITCH - SE		ELECTRIC METER
HE EQUIPMENT CAPACITOR  COUPMENT CONTACTOR  EQUIPMENT GROUND  EQUIPMENT UGHTNING ARRESTOR  EQUIPMENT MULTIMETER  EQUIPMENT POTENTIAL TRANSFORMER  EQUIPMENT WITCHBOARD METER  EQUIPMENT WESDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  GENERATOR  GENERATOR  FOR THE NOCK  MOTOR  MOTOR  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN BREAKER  TAP SWITCH WITH GROUND POSITION  ITAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  A VOLTAGE TERMINATION - PRIMARY		ELECTINO METER
HE EQUIPMENT CAPACITOR  COUPMENT CONTACTOR  EQUIPMENT GROUND  EQUIPMENT UGHTNING ARRESTOR  EQUIPMENT MULTIMETER  EQUIPMENT POTENTIAL TRANSFORMER  EQUIPMENT WITCHBOARD METER  EQUIPMENT WESDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  GENERATOR  GENERATOR  FOR THE NOCK  MOTOR  MOTOR  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN BREAKER  TAP SWITCH WITH GROUND POSITION  ITAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  A VOLTAGE TERMINATION - PRIMARY	(A)	EQUIPMENT AMMETER
EQUIPMENT CONTACTOR  EQUIPMENT GROUND  EQUIPMENT GROUND  EQUIPMENT HUNTING ARRESTOR  EQUIPMENT POTENTIAL TRANSFORMER  EQUIPMENT FORTENTIAL TRANSFORMER  EQUIPMENT SWITCH-BOARD METER  EQUIPMENT WE'S SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  GENERATOR  GENERATOR  GENERATOR  GROUND FAULT PROTECTOR  KEYED INTERLOCK  MOTOR  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN LUG ONLY  FANELBOARD - MAIN LUG ONLY  THE PANELBOARD - MAIN BREAKER  SHORT GROUNT FAULT LOCATION  SINGLE POLE SWITCH  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  A VOLTAGE TERMINATION - PRIMARY		
EQUIPMENT CURRENT TRANSFORMER  COUPMENT INJUTIMETER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT WE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  GENERATOR  GENERATOR  GROUND FAULT PROTECTOR  KEYED INTERLOCK  MOTOR STARTER AND DISCONNECT  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN RUG ONLY  PANELBOARD - MAIN RUG ONLY  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  A SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	<del>1(</del>	EQUIPMENT CAPACITOR
EQUIPMENT CURRENT TRANSFORMER  COUPMENT INJUTIMETER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT WE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  GENERATOR  GENERATOR  GROUND FAULT PROTECTOR  KEYED INTERLOCK  MOTOR STARTER AND DISCONNECT  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN RUG ONLY  PANELBOARD - MAIN RUG ONLY  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  A SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	44	FOUIPMENT CONTACTOR
EQUIPMENT GROUND  EQUIPMENT LIGHTNING ARRESTOR  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT WYE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY	-111-	Eggii MENT GONT/ACTON
EQUIPMENT LIGHTNING ARRESTOR  EQUIPMENT MULTIMETER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT SWITCHBOARD METER  EQUIPMENT VOLTMETER  EQUIPMENT WYE SIDE OF TRANSFORMER WITH GROUND  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  GENERATOR  GENERATOR  FUSED SWITCH - PRIMARY  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  GENERATOR  MOTOR  MOTOR  MOTOR  MOTOR  MOTOR STARTER  SHORT CIRCUIT FAULT LOCATION  JUNITERSUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	1 M	EQUIPMENT CURRENT TRANSFORMER
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EQUIPMENT SWITCHBOARD METER  © EQUIPMENT WITCHBOARD METER  EQUIPMENT WITCHSTORMER WITH GROUND  FUSED CUTOUT  FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  © GENERATOR  GETP GROUND FAULT PROTECTOR  K KEYED INTERLOCK  MOTOR  MOTOR STARTER  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  PANELBOARD BREAKER  X SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	M	EQUIPMENT MULTIMETER
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FUSED SWITCH - PRIMARY  FUSED SWITCH - SECONDARY  GENERATOR  GENERATOR  GENERATOR  GROUND FAULT PROTECTOR  KEYED INTERLOCK  MOTOR  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - DOUBLE SET OF LUGS  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	+	
FUSED SWITCH - SECONDARY  GENERATOR  GENERATOR  K KEYED INTERLOCK  MOTOR  MOTOR STARTER  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  PANELBOARD BREAKER  SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	• •	FUSED CUTOUT
FUSED SWITCH - SECONDARY  GENERATOR  GENERATOR  K KEYED INTERLOCK  MOTOR  MOTOR STARTER  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - MAIN BREAKER  PANELBOARD - MAIN BREAKER  PANELBOARD BREAKER  SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY		FUOED OMITOU PRIMARY
GENERATOR GROUND FAULT PROTECTOR  K KEYED INTERLOCK  MOTOR  MOTOR  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - DOUBLE SET OF LUGS  PANELBOARD - MAIN BREAKER  PANELBOARD BREAKER  SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY		FUSED SWITCH - PRIMARY
GENERATOR GROUND FAULT PROTECTOR  K KEYED INTERLOCK  MOTOR  MOTOR  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - DOUBLE SET OF LUGS  PANELBOARD - MAIN BREAKER  PANELBOARD BREAKER  SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  VARIABLE FREQUENCY DRIVE  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY		
GROUND FAULT PROTECTOR  K KEYED INTERLOCK  MOTOR  MOTOR STARTER  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - DOUBLE SET OF LUGS  PANELBOARD - MAIN BREAKER  PANELBOARD BREAKER  X SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY		FUSED SWITCH - SECONDARY
GROUND FAULT PROTECTOR  K KEYED INTERLOCK  MOTOR  MOTOR STARTER  MOTOR STARTER  MOTOR STARTER AND DISCONNECT  PANELBOARD - MAIN LUG ONLY  PANELBOARD - DOUBLE SET OF LUGS  PANELBOARD - MAIN BREAKER  PANELBOARD BREAKER  SHORT CIRCUIT FAULT LOCATION  SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY		CENEDATOR
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SINGLE POLE SWITCH  SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	×	SHORT CIRCUIT FAULT LOCATION
SURGE PROTECTIVE DEVICE  TAP SWITCH WITH GROUND POSITION  TRANSFORMER  UNINTERRUPTIBLE POWER SYSTEM  VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	1.	
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VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	<u>,                                   </u>	
VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY		
VARIABLE FREQUENCY DRIVE  VOLTAGE TERMINATION - PRIMARY	▎ <mark>┡</mark> ╱┾ <u>╠</u> ┼╤┼	
VOLTAGE TERMINATION - PRIMARY		UNINTERRUPTIBLE POWER SYSTEM
VOLTAGE TERMINATION - PRIMARY		
VOLTAGE TERMINATION - PRIMARY		
	VFD	VARIABLE FREQUENCY DRIVE
	<b>A</b>	VOLTAGE TERMINATION - PRIMARY
● OR ● VOLTAGE TERMINATION - SECONDARY		
<u> </u>	● OR •	VOLTAGE TERMINATION - SECONDARY
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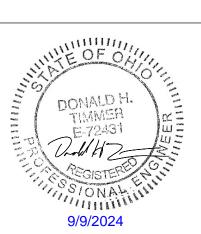


HAMILTON COUNTY RIVERFRONT PARKING AND INFRASTRUCTURE **IMPROVEMENTS** 



Cincinnati, Ohio 45202 Phone: 513.241.3222 www.thpltd.com

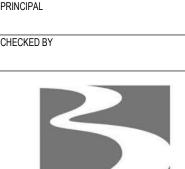
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ISSUES/REVISIONS 09/11/2024 BID SET



PROJECT ARCHITECT

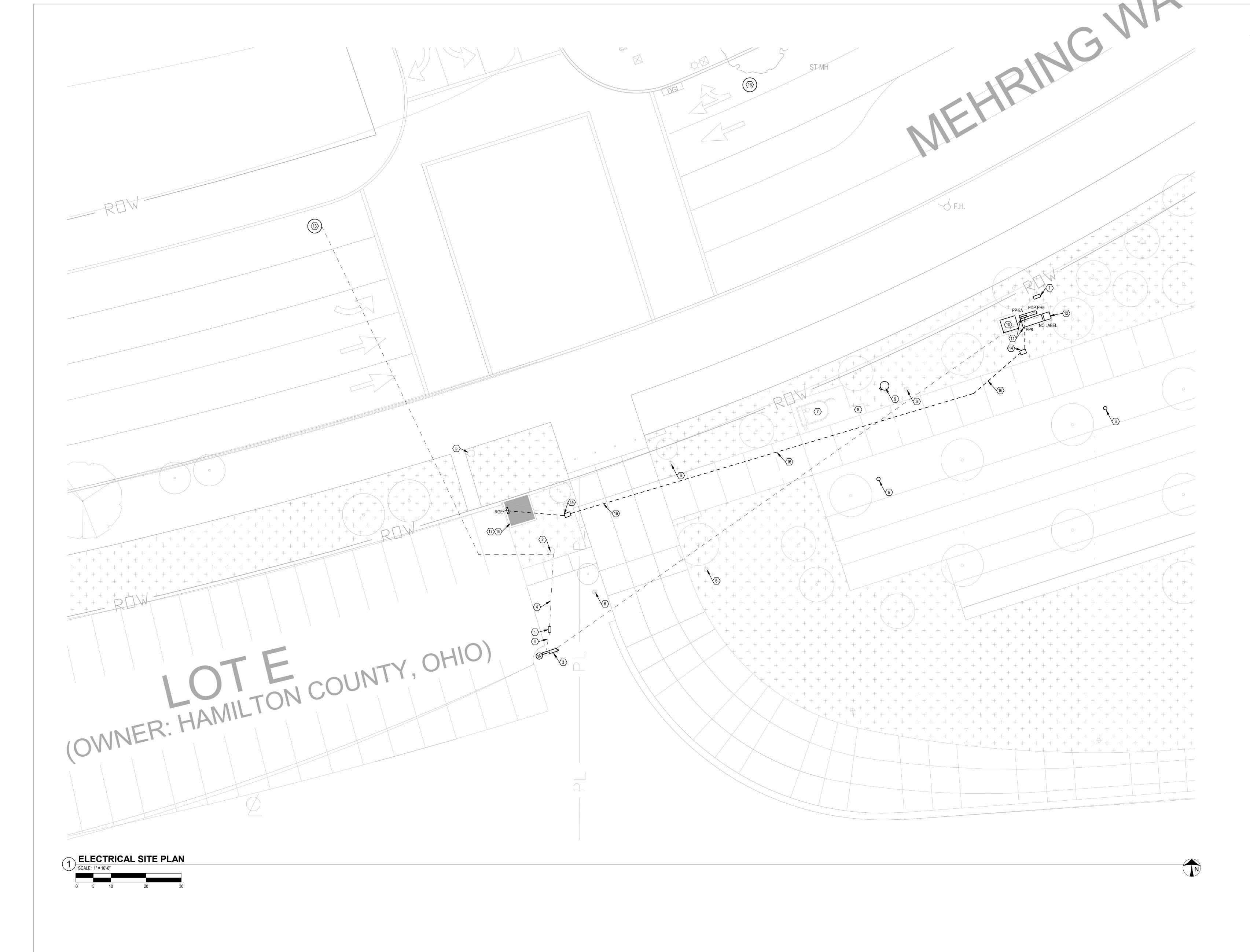


Public Partnership

GUARD

SINGLE-LINE AND PANELBOARD SCHEDULE

E002

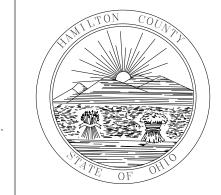


#### ○ NOTES

- EXISTING ELECTRICAL PULL BOX.
   EXISTING DUKE ENERGY POLE WITH TRANSFORMERS.
   EXISTING RAISED PLATFORM WITH CT CABINET, METER AND 400 AMP SERVICE ENTRANCE
- DISCONNECT.

  4. EXISTING 4" SECONDARY CONDUIT FROM POLE MOUNTED UTILITY TRANSFORMER TO PLATFORM.
- 5. EXISTING STREET LIGHTING AND TRAFFIC CONTROL
- 6. EXISTING POLE LIGHT FOR PEDESTRIAN WALKWAY.7. EXISTING REST ROOM.
- EXISTING REST ROOM.
   EXISTING DRINKING FOUNTAIN.
   EXISTING PUMP LIFT STATION.
   EXISTING 300 KVA, 480V-208V/120V, 3PH, 4W
- TRANSFORMER.

  11. EXISTING PANELBOARDS IN EXISTING NEMA 3R STAINLESS ENCLOSURES.
- 12. EXISTING AV RACK.
  13. EXISTING ELECTRIC MH. 14. NEW PULL BOX H-20 RATED FOR VEHICLES.
- 15. NEW GUARD BOOTH.
  16. DIRECTIONAL BORE UNDER EXISTING HARD SURFACES.
- 17. EC TO PROVIDE 100 AMP- 208V- SINGLE PHASE
  FEEDER TO NEW GUARD SHACK SIZED PER SINGLE
  LINE. ALL WIRING IN GUARD SHACK IS PRETERMINATED. SET GROUND ROD AND EXTEND GROUND WIRE TO PANEL GROUND BAR.

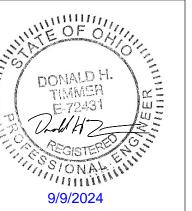


HAMILTON COUNTY RIVERFRONT PARKING AND INFRASTRUCTURE



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SITE PLAN - ELECTRICAL

PROJECT NO.

DRAWING NUMBER

DRAWING NUMBER

E101