	PANEL SCHEDULE "HH1"	VOLTS: 480Y/277V AMPS: 200A MCB		-	I	PHASE: WIRE:		-	LOCATION: MOUNTING:		SHORT CIRCUIT RATING: 42kAIC PANEL LOAD: 38.7 kVA (46.6	<u>A)</u>
CIR.					IIT BKR			IT BKR				CIF
NO.	DESCRIPTION		WIRE SIZE	AMPS	POLES	Φ	AMPS	POLES		LOAD kVA		NO
1	JOCKEY PUMP	0.90	#12	20	3	Α	20	1	#10		SITE LIGHTING - WALL MOUNTED	2
3	▼	0.90	▼	▼	▼	В	20	1	#10		SITE LIGHTING - POLE MOUNTED	4
5		0.90	▼	▼	▼	С	20	1	#10		SITE LIGHTING - POLE MOUNTED	6
7	AWH-1	4.00	#12	20	1	Α	20	1			SPARE	8
9	AWH-2	4.00	#12	20	1	В	20	1			SPARE	10
11	SPA RE			20	1	С	20	1			SPARE	12
13	SPARE			20	1	Α	20	1			SPARE	14
15	SPA CE ONLY					В					SPACE ONLY	16
17	SPA CE ONLY					С					SPACE ONLY	18
19	SPA CE ONLY					Α					SPACE ONLY	20
21	SPA CE ONLY					В					SPACE ONLY	22
23	SPA CE ONLY					С					SPACE ONLY	24
25	SPA CE ONLY					Α					SPACE ONLY	26
27	SPA CE ONLY					В					SPA CE ONLY	28
29	SPA CE ONLY					С					SPA CE ONLY	30
31	SPA CE ONLY					Α					SPA CE ONLY	32
33	SPA CE ONLY					В					SPA CE ONLY	34
35	SPA CE ONLY					С					SPACE ONLY	36
37	PANEL "HL1" THRU 30KVA TRANSFORMER	5.37	#6	50	3	Α	30	2	#10	3.84	ENCLOSED CIRCUIT BREAKER "ECB-1" THRU 10KVA TRANSFORMER	38
39	▼	4.95	•	▼	▼	В	▼	▼	▼	3.84	▼	40
41	<b>V</b>	4.58	•	•	▼	С					SPA CE ONLY	42
					A 15.4	B 15.6	C 7.7					

	PANEL SCHEDULE "HL1"	-	208Y/120V 100A MCB		<del>-</del>			± <u>3Ф</u> ± <u>4W</u>	-	LOCATION: MOUNTING:		SHORT CIRCUIT RATIN PANEL LOAD:	IG: 10kAIC 14.9 kVA ( 41.3 A)
015					CIRCU	IT BKR		CIRCU	JIT BKR				
CIR. NO.	DESCRIPTION		LOAD kVA	WIRE SIZE	AMPS	POLES	Φ	AMPS	POLES	WIRESIZE	LOAD kVA	DESCRIPTION	
1	LIGHTING - ELEC. ROOM AND FIRE PUMP ROOM		0.19	#12	20	1	Α	20	1	#12	+	FIRE A LA RM COTNROL PA NEL	
3	RECEPTA CLES - ELECTRICAL ROOM		0.72	#12	20	1	В	20	1	#12	0.20	LOUVER L-3 (INTERLOCKED W/ "EF-2)	
5	RECEPTA CLES - ELECTRICAL ROOM		0.72	#12	20	1	С	20	1	#12	0.36	DEDICATED QUAD RECEPTACLE - T/D BACKBOA	\RD
7	EF-2		1.18	#12	20	1	Α	20	1			SPARE	
9	EF-3		0.53	#12	20	1	В	20	1			SPARE	
11	SPARE				20	1	С	20	1			SPARE	
13	SPARE				20	1	Α	20	1			SPARE	
15	SPACE ONLY						В					SPACE ONLY	
17	SPACEONLY						С					SPACE ONLY	
19	SPACEONLY						Α					SPACE ONLY	
21	SPACEONLY						В					SPACE ONLY	
23	SPACEONLY						С					SPACE ONLY	
25	SPACEONLY						Α					SPACE ONLY	
27	SPACE ONLY						В					SPACE ONLY	
29	SPACE ONLY						С					SPACE ONLY	
31	SPACE ONLY						Α					SPACE ONLY	
33	SPACEONLY						В					SPACE ONLY	
35	SPACEONLY						С					SPACE ONLY	
37	SPACE ONLY						Α					SPACE ONLY	
39	SPACEONLY						В					SPACE ONLY	
41	SPACEONLY						С					SPACE ONLY	
					•	Α	В	С		•	ı		<u>'</u>

C A B C 5.4 5.0 4.6

1. PANEL SHALL BE SQUARE D.CO. TYPE NQ (OR APPROVED EQUAL) WITH BOLT-ON BRANCH CIRCUIT BREAKERS AND HINGED (DOOR-IN-DOOR) TRIM.

1. PANEL SHALL BE SQUARE D CO. TYPE NF (OR APPROVED EQUAL) WITH BOLT-ON BRANCH CIRCUIT BREAKERS AND HINGED (DOOR-IN-DOOR) TRIM.

	PANEL SCHEDULE "HV2"	OLTS: <u>480Y/277V</u> MPS: <u>250A MLO</u>		-	1	PHASE: WIRE:		-	LOCATION:	SURFACE	SE	SHORT CIRCUIT RATING: PANEL LOAD:	42kAIC 38.3 kVA ( 46.1 A)
IR.				CIRCU	IIT BKR		CIRCL	JIT BKR					
10.	DESCRIPTION	LOAD kVA	WIRE SIZE	AMPS	POLES	Φ	AMPS	POLES	WIRE SIZE	LOAD kVA		DESCRIPTION	
1 (	DHD-2	0.50	#12	20	3	Α	20	1	#10	2.57	WAREHOUSE - LIGHTIN	IG	
3 1	1	0.50	▼	▼	▼	В	20	1	#12	2.57	WAREHOUSE - LIGHTIN	IG	
5	1	0.50	▼	▼	▼	С	20	1	#12	2.57	WA REHOUSE - LIGHTIN	IG	
7 N	AU-1	3.48	#12	20	3	Α	20	1	#12	2.57	WAREHOUSE - LIGHTIN	IG	
9 1	1	3.48	▼	▼	▼	В	20	1	#12	2.57	WAREHOUSE - LIGHTIN	IG	
11 1		3.48	▼	▼	▼	С	20	1	#12	2.57	WAREHOUSE - LIGHTIN	IG	
13 E	F-1	2.92	#10	25	3	Α	20	1			SPARE		
15	1	2.92	▼	▼	▼	В	20	1			SPARE		
17	1	2.92	▼	▼	▼	С	20	1			SPARE		
19 8	PARE			20	1	Α	20	1			SPARE		
21   9	PACE ONLY					В					SPACE ONLY		
23 8	PACE ONLY					С					SPACE ONLY		
25 S	PACE ONLY					Α					SPACE ONLY		
27 S	SPACE ONLY					В					SPACE ONLY		
29 8	SPACE ONLY					С					SPACE ONLY		
31 8	SPACE ONLY					Α					SPACE ONLY		
33 S	SPACE ONLY					В					SPACE ONLY		
3 <b>5</b> S	SPACE ONLY					С					SPACE ONLY		
37 F	ANEL "LV2" THRU 30KVA TRANSFORMER	1.26	#3	80	3	Α					SPACE ONLY		
39 1		0.92	▼	▼	▼	В					SPACE ONLY		
\$1 <b>\</b>		0.00	▼	▼	▼	С					SPACE ONLY		
			•		Α	В	С						
					13.3	13.0	12.0						

	PANEL SCHEDULE "LV2"	VOLTS: 208Y/120V AMPS: 100A MCB		<b>-</b>		PHASE: WIRE:		-	LOCATION: MOUNTING:		SE SHORT CIRCUIT RATING: 10kAIC PANEL LOAD: 2.2 kVA (6.1	A)
				CIRCU	IT BKR		CIRCU	JIT BKR				
CIR. VO.	DESCRIPTION	I OAD KVA	WIRE SIZE	AMPS	POL ES	Φ	AMPS	POLES	WIRESIZE	LOADKVA	DESCRIPTION	
	RECEPTA CLES - DOCK DOORS	1.08	#12	20	1	A	20	1	#10	0.18	GFI SERVICE RECEPTACLE - ON ROOF	
$\overline{}$	RECEPTA CLES - DOCK DOORS	0.72	#12	20	1	В	20	1	#12	0.20	LOUVERS L-1 & L-2 (INTERLOCKED W/ "EF-1")	
_	SPARE			20	1	С	20	1			SPARE	
	SPARE			20	1	A	20	1			SPARE	
	SPARE			20	1	В	20	1			SPARE	
_	SPACE ONLY					С					SPACE ONLY	
_	SPACE ONLY					Α					SPACE ONLY	
_	SPACE ONLY					В					SPACE ONLY	
_	SPACE ONLY					С					SPACE ONLY	
_	SPACE ONLY					Α					SPACE ONLY	
_	SPACE ONLY					В					SPACE ONLY	
23	SPACE ONLY					С					SPACE ONLY	
25	SPACE ONLY					Α					SPACE ONLY	
27	SPACE ONLY					В					SPACE ONLY	
29	SPACE ONLY					С					SPACE ONLY	
31	SPACE ONLY					Α					SPACE ONLY	
33	SPACE ONLY					В					SPACE ONLY	
35	SPACE ONLY					С					SPACE ONLY	
37	SPACE ONLY					Α					SPACE ONLY	
39	SPACE ONLY					В					SPACE ONLY	
41	SPACE ONLY					С					SPACE ONLY	
		•			Α	В	С			l		
					1.3	0.9	0.0	1				

IR.	PANEL SCHEDULE "HV1"			_		PHASE	: <u>ЗФ</u>	_	LOCATION:	WAREHOUS	SE SHORT CIRCUIT RATING:	18kAIC
		AMPS: 250A MLO		-		WIRE	<u>4W</u>	_	MOUNTING:	SURFACE	PANEL LOAD:	32.3 kVA ( 38.8 A)
				CIRCUI	IT BKR		CIRCU	IT BKR				
ו ווו	DESCRIPTION	I OVD KAV	WIRE SIZE	VWDS	DOI ES	Φ	AMDS	DOI ES	WIRESIZE	LOVDKAV	DESCRIPTION	CII
10.	DHD-1	0.50	#12	20	3	A	20	1	#12		WAREHOUSE - LIGHTING	2
-	T	0.50	₩12	▼		В	20	1	#12		WAREHOUSE - LIGHTING	4
5	<u>'</u> T	0.50		<b> </b>	<del>`</del>	С	20	1	#12	+	WAREHOUSE - LIGHTING	6
	MAU-2	3.48	#12	20	3	A	20	1	#12		WAREHOUSE - LIGHTING	8
_	7	3.48	▼	▼	▼	В	20	1	#12		WAREHOUSE - LIGHTING	10
11 ,	· •	3.48	▼	<del> </del>	▼	C	20	1	#12	+	WAREHOUSE - LIGHTING	1:
	SPARE	0.10	•	20	1	A	20	1	#12		WAREHOUSE - LIGHTING	1
	SPARE			20	1	В	20	1			SPARE	1
	SPARE			20	1	C	20	1			SPARE	1
_	SPACE ONLY					A	<u> </u>				SPACE ONLY	20
-	SPACE ONLY					В					SPACE ONLY	2:
-	SPACE ONLY					С					SPACE ONLY	24
25	SPACE ONLY					Α					SPACE ONLY	2
-	SPACE ONLY					В					SPACE ONLY	23
29 5	SPACE ONLY					С					SPACE ONLY	30
31 5	SPACE ONLY					Α					SPACE ONLY	33
33	SPACE ONLY					В					SPACE ONLY	34
35	SPACE ONLY					С					SPACE ONLY	36
37 F	PANEL "LV1" THRU 30KVA TRANSFORMER	1.26	#6	50	3	Α					SPACE ONLY	38
39 '	<b>T</b>	1.08	▼	▼	▼	В					SPA CE ONLY	40
<b>1</b> 1 '		0.00	▼	▼	▼	С					SPA CE ONLY	4:
					Α	В	С					
					12.9	10.2	9.1					
	BOARD NOTES:											
PAN	EL SHALL BE SQUARE D CO. TYPE NF (OR APPROVED EQUAL) WITH	BOLT-ON BRANCH CIRC	UIT BREAKER	SANDH	INGED (I	DOOR-IN	N-DOOR)	TRIM.				

	PANEL SCHEDULE "LV1"	VOLTS: 208Y/120V AMPS: 100A MCB		-	1	PHASE: WIRE:		-	LOCATION: MOUNTING:		SE	SHORT CIRCUIT RATING: PANEL LOAD:	10kAIC 2.3 kVA ( 6.5	<u>A)</u>
CIR.				CIRCU	IT BKR		CIRCU	JIT BKR						CII
NO.	DESCRIPTION	LOAD kVA	WIRE SIZE	AMPS	POLES	Φ	AMPS	POLES	WIRE SIZE	LOAD kVA		DESCRIPTION		NO
1	RECEPTA CLES - DOCK DOORS	1.08	#12	20	1	Α	20	1	#10	0.18	GFI SERVICE RECEPT	ACLE - ON ROOF		2
3	RECEPTA CLES - DOCK DOORS	1.08	#12	20	1	В	20	1			SPARE			4
5	SPARE			20	1	С	20	1			SPARE			6
7	SPARE			20	1	Α	20	1			SPARE			8
9	SPACE ONLY					В					SPACE ONLY			10
1	SPACE ONLY					С					SPACE ONLY			1:
3	SPA CE ONLY					Α					SPACE ONLY			14
5	SPACE ONLY					В					SPACE ONLY			1
7	SPA CE ONLY					С					SPACE ONLY			1
19	SPA CE ONLY					Α					SPACE ONLY			2
21	SPACE ONLY					В					SPACE ONLY			2:
23	SPACE ONLY					С					SPACE ONLY			24
25	SPACE ONLY					Α					SPACE ONLY			20
27	SPACE ONLY					В					SPACE ONLY			2
9	SPACE ONLY					С					SPACE ONLY			3
31	SPACE ONLY					Α					SPACE ONLY			3:
3	SPACE ONLY					В					SPACE ONLY			3.
35	SPACE ONLY					С					SPACE ONLY			3
37	SPACE ONLY					Α					SPACE ONLY			38
39	SPACE ONLY					В					SPACE ONLY			40
	SPACE ONLY					С					SPACE ONLY			4:
					Α	В	С							I
					1.3	1.1	0.0	1						
				1	<u> </u>			J						
NE	LBOARD NOTES:													
	 NEL SHALL BE SQUARE D CO. TYPE NQ (OR APPROVED EQUAL) WI	TH BOLT-ON BRANCH CIRC	UIT BREAKER	RSANDH	HINGED ([	DOOR-II	N-DOOR)	TRIM.						



44 SOUTH BROADWAY, SUITE 1003 WHITE PLAINS, NY 10601 P: 914.821.5535 F: 914.306.6010

ADB | DESIGN SERVICES

PROJECT TITLE **ROCKLAND LOGISTICS CENTER BLDG 2** 25 OLD MILL RD.

OWNER BROOKFIELD PROPERTIES 1 MEADOWLANDS PLAZA SUITE 802 EAST RUTHERFORD, NJ 07073

SUFFERN, NY 10901

**ARCHITECT** 

ADB / DESIGN SERVICES LLC 44 SOUTH BROADWAY, SUITE 1003 WHITE PLAINS, NY 10601 **CIVIL ENGINEER** 

DYNAMIC ENGINEERING CONSULTANTS 1904 MAIN STREET LAKE COMO, NJ 07719

STRUCTURAL ENGINEER
ADB STRUCTURAL ENGINEERING 325 S. ALABAMA ST, SUITE 200 INDIANAPOLIS, IN 46204

MECHANICAL ENGINEER NATIONAL DESIGN BUILD SERVICES 11840 BORMAN DRIVE MARYLAND HEIGHTS, MO 63146

**ELECTRICAL ENGINEER** FXB ENGINEERING 5 CHRISTY DRIVE, SUITE 307 CHADDS FORD, PA 19317

PLUMBING ENGINEER MCCARTHY ENGINEERING 2500 E HIGH STREET, SUITE 630 POTTSTOWN, PA 19464

FIRE PROTECTION ENGINEER S.A. COMUNALE 2900 NEWPARK DRIVE BARBERTON, OH 44203

NY License #: 077635-1 NY License Expiration Date: 04/30/2026



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		(G)—
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SUBMITTALS

NORTH

NO. DATE DESCRIPTION
A 11.20.2024 ISSUE FOR REVIEW B 02.02.2024 ISSUE FOR REVIEW 0 02.09.2024 ISSUE FOR PERMIT

**PROJECT NO.**AS397-22 | NY154

SHEET TITLE **ELECTRICAL** PANEL SCHEDULES

SHEET NO.

**E6.0**