

**Port Norfolk Yacht Club  
Meeting Minutes – Monthly  
November 26, 2024**

Meeting called to order by: **K Clifford** at **7:00** PM

Pledge of Allegiance and moment of silence: **Done**

Board Roll Call: (see attendance sheet) **Done – Quorum present**

New Members: **No new regular members**

Recording Secretary Reading of the prior meeting Minutes: **No request to read Accepted**

Treasurer's Report Q1 vs Prior Year and Full Yr 2023 (Frank Hogan): **See attached 4-page report**

MTA made by: **J Piasecki** 2<sup>nd</sup>: **B Costello** Result: **Accepted**

**Financial Secretary's Report (Barbra Hogan):**

	2024	11/26/2024
MONTH		Nov-24
TOTAL DEPOSITS FOR THE MONTH (OPERATIONS)		\$ 10,060.90
YEAR TO DATE DEPOSITS		\$ 421,834.10
YEAR TO DATE BILLING FROM OPERATIONS		\$ 368,644.23
A/R AS OF MONTH CUTOFF		\$ 22,042.55
A/R OVER 60		\$ 7,790.20
YTD CAN RETURNS		\$ 75.00
YTD HALL RENTALS		\$ 6,150.00
ICE		\$ 1,586.00
ATM		\$ 524.00

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• MTA made by: **J Piasecki** 2<sup>nd</sup>: **B Costello** Result: **Accepted**

## Committee Reports :

- **Communications and Bills:** Received Liquor License Renewal Form; Received a generic reminder letter regarding fire escape/deck/balcony 5 year inspections; contract for pumpout reimbursement for 2025
- **Auditing:** Barry Greene - No Report, but owes an update on ad book from Q3 mtg
- **Bar:** Brad Rigby Fine. Fridays & Saturdays have been very slow since marina closed
- **Crane & Equipment:** Ed St George - No Report
- **Dredging:** Jim Maloney No Report
- **Electrical:** Tom Joyce: (See old business)
- **Entertainment:** Kathleen Ellis: No Report
- **Environmental & NRWA:** John McConville - Progressive
- **Mass Bay Yacht Club Association:** K Carson - No Report
- **Fleet Captain & Boat Insurance :** Walter Sprague - No Report
- **Floats & Float Repair:** P1 Ricky Savicke : No Report P2 Z Grady: No Report
- **Grounds:** M Hannigan No Report
- **Hall Rentals:** M Peltier No Report
- **HVAC:** B Costello Progressive
- **Ice & Pump-Out:** W O'Donnell Progressive
- **Labor Control:** Mike Rooney (see the hours posted on board in members lounge)
- **Launch and Haul:** D Baker & J Piasecki; Hauls complete; 2025 Launch dates being booked with Continental & ECM
- **Lockers & Waste Oil:** Gary White No Report
- **Marina:** D Baker Progressive
- **Membership Committee:** Andy Polin No Report
- **Planning Board:** Teddy Ahern Progressive
- **Security:** Chris Papadopoulos No Report
- **Water:** Joe Queally No Report
- **WiFi:** T Ockerby No Report

## Old / Unfinished Business:

None

## **New Business:**

### **Discussed electrical system with electrical team member Matt Mahoney:**

- Reviewed 3 potential plans put forward by J Piasecki (attached) and provided info regarding overall approach, cable cost & availability, and additional options including going to 50 amp service and code compliance considerations when doing the project
- Board requested that the Electrical Team meet and prepare a recommendation and budget for the December monthly meeting

### **Discussed pier rebuild next steps with rebuild team members Ahern, Brosseau, and Wells:**

- Pier rebuild team member Dennis Kulesza could not attend the meeting, but provided his input via email to the board and both electrical & rebuild team members. Stressed the urgency to get the electrical system fixed including seeking outside design help if needed.
- Aside from the topside decking, the Pier I floats taken out don't look very bad at first glance; Floats boxes and visible framing appear fine, but will have to take all of the decking off to determine what will be needed for the rebuild including how to "protect" electrical and plumbing systems.
- Board requested that the Rebuild team meet and present a plan to the board at the December meeting

Since the next scheduled meeting falls on Dec 24<sup>th</sup>, it was rescheduled to Dec 17<sup>th</sup>. Will have to notify the Port Norfolk Civic Association that the hall will not be available

We have title for Empty Pockets (Orson Hodge boat). Need to come up with a removal plan

- Clean it up and give it away to make space in the yard for boat owner members.

## **Good of the Club:**

- None

## **Motion to adjourn:**

- Motion made by: **J Piasecki** ; 2<sup>nd</sup>: **W O'Donnell** Result: **Accepted**
- Adjourned at **8 PM**

**Executive Session: YES**

**PNYC BOARD OF TRUSTEES ATTENDANCE 2024**

**DATE: 11/26/2024**

Quarterly & Regular Monthly Mtgs

<b>NAME</b>	<b>POSITION</b>	<b>PRESENT</b>	<b>EXCUSED</b>	<b>ABSENT</b>
KEN CLIFFORD	COMMODORE	1		
DON BAKER	VICE-COMMODORE	1		
WARREN O'DONNELL	REAR COMMODORE	1		
FRANK HOGAN	TREASURER		1	
BARBARA HOGAN	FINANCIAL SECRETARY	1		
JIM PIASECKI	RECORDING SECRETARY	1		
RON BROUSSEAU	TRUSTEE '23 AND '24	1		
BRIAN COSTELLO JR	TRUSTEE '23 AND '24	1		
MICHAEL ROONEY	TRUSTEE '23 AND '24		1	
TEDDY AHERN	TRUSTEE '24 AND '25	1		
JOHN MCCONVILLE	TRUSTEE '24 AND '25	1		
BRIAN WHITE	TRUSTEE '24 AND '25	1		
		<b>10</b>	<b>2</b>	<b>0</b>

Present 10

Needed for QUORUM = 7

**Quorum Present**

**Port Norfolk Yacht Club  
Cash Flows Summary  
October 31, 2024 and 2023**

	Actual YTD 2024	Actual YTD 2023	Total Actual 2023
<b>Beginning Cash -All Accounts Jan 1st</b>	<b>\$ 331,971</b>	<b>\$ 277,846</b>	<b>\$ 277,846</b>
<b>Revenues</b>			
Dredging receipts	123,144	130,097	140,311
Dues/ Services/ Misc	210,850	244,366	262,490
Lockers/ Social Activity/ Misc	98,048	67,867	74,715
Net Tiki/ Bar (after direct costs)	24,454	17,824	25,367
<b>Total Cash Receipts</b>	<b>\$456,496</b>	<b>460,153</b>	<b>\$502,883</b>
<b>Expenses</b>			
Operating (RE Tax, Utilities, Ins., Steward)	155,730	160,813	174,737
Office & Administrative	16,354	13,836	15,258
Social Activity- Events	34,728	17,663	20,968
Repair & Maintenance Spending	16,040	86,714	87,646
<b>Sub-total Cash Expenses</b>	<b>222,853</b>	<b>279,025</b>	<b>298,609</b>
Mortgages (fees/int/princ)	125,125	125,125	150,150
<b>Total Cash Disbursements</b>	<b>\$347,978</b>	<b>404,150</b>	<b>\$448,759</b>
<b>Net Cash Increase/ (Decrease)</b>	<b>\$ 108,518</b>	<b>56,003</b>	<b>\$ 54,124</b>
<b>Ending Cash -All Accounts October 31st</b>	<b>\$ 440,489</b>	<b>333,849</b>	<b>\$ 331,971</b>

**Bank Accounts**

101 9035 Santander Bank - Operating Account	-
102 1503 Heritage - Eagle Bank	36,526
106 8800 Metro CU - Bar Business	7,543
108 Banks for Bar Registers	300
109 3974 Cash Checking Bar Acct	-
111 Eagle Premium MM 1318	25,120
112 1078 Pier Repair Account	-
114 8432 Dredging-Sovereign Money Market	-
Undeposited funds	0
<b>Available in Bank Accounts</b>	<b>\$ 69,489</b>
117 Certificates of Deposit	371,000
<b>Ending Cash Balance</b>	<b>\$ 440,489</b>

**Cash Flow - comments**

Receipts lower due to lower new members -- 2 vs 16 last year

Dredge = \$12,600, Dues etc = \$29,400

Expenditures lower as last year includes Hall Reno & Pumpout of approx \$65,000

Matures Dec 20th for \$376,945

The total interest from CD's & MM will be at least \$17,250, less taxes of \$3,203- net \$14,047  
Can not quantify club labor or donated materials.

**Mortgage Info: Bal Due \$ 648,332 -----Payoff 663,868 Finish = Aug 2029**

**Payments are scheduled at \$12,512/ mo or \$150,150 per year until Aug, 2029**

**The Interest Rate Change Date is Dec 2026....Final Payment due Nov 2031**

Contact Frank Hogan with questions at fthbhm316@gmail.com or 781-843-9643

See the following pages for disbursement details.

***Important Cash Decissions due by December***

The club cash position by year end is still projected to be around \$425,000

Existing obligations/ appropriations are approx \$27,500

Cost to address pier electrical will be a priority.

Pier decking repairs should be manageable.

Excess should be used on the motgage since as rates are less than mortgage interest

# Port Norfolk Yacht Club Expenses by Vendor Summary

January - October, 2024

	Total	
	Jan - Oct, 2024	Jan - Oct, 2023 (PY)
<i>Utilities</i>		
Boston Water and Sewer	4,867	3,867
Comcast	3,975	4,557
Eversource	21,117	22,640
National Grid	1,961	2,088
Northeast Recycling	4,896	5,260
<i>Insurance</i>		
Atlantic Charter Ins Comp	1,179	113
Cavanaugh Insurance		33,447
Inact Insurance	32,839	
Mount Vernon Fire Insurance Co	4,433	3,571
Philadelphia Insurance Co	8,583	5,469
<i>House Mortgage, Taxes, maintenance</i>		
ATCO Supply Co	1,161	1,229
City of Boston -Liq Lic & Assmb Prmt	250	250
City of Boston Real Estate	58,096	56,133
Eagle Bank Loan	125,125	125,125
GoDaddy.com	217	204
Gorham Fire		479
Inspectional Service Dept	185	185
Joyce and Gendreau Jewelers	331	50
MBYCA	1,127	1,175
Miscellaneous	4,863	367
Prestige Flag	242	1,365
Richard C Tulimieri Jr	10,625	10,400
Tolman Mfg. & Supply Co.	102	1
<i>Admin, Godwill, etc,</i>		
Adobe Inc	127	
CliftonLarsonAllen LLP		3,019
Commonwealth of Mass	34	-9,084
Constant Contact	244	225
Deluxe for Business	321	510
DocuSign	319	319
Eagle Bank	30	28
Erin M Keller	250	
Liberty Printing Co., Inc.	825	785
Lopez the Florist	691	119
Metro CU	5	
Nash CPA's LLC	2,000	
QuickBooks Online	1,120	1,025
QuickBooks Payments	3,242	3,144
Saint Jude Fund		250
Santander Bank	332	340
SCI Global Inc.	320	1,520
Staples	28	54
The Boston Home	250	

# Port Norfolk Yacht Club Expenses by Vendor Summary

January - October, 2024

	Total	
	Jan - Oct, 2024	Jan - Oct, 2023 (PY)
US Treasury	2,177	
USPS	189	256
VENMO - Eagle 1503	85	
VistaPrint	108	
Not Specified	3,373	2,887
<b><i>Repair &amp; Maintenance</i></b>		
2023 Reno & Pumpout	0	37,573
Bert's Electric Supply	906	2,499
Ronan953	5,264	26,219
Ace Hardware	702	
Amazon	1,277	873
American Muscle Docks	284	
Andrews Painting, Inc		471
Atlantic Coast Tug and Marine LLC		22,431
ATS Acoustics		2,549
Aubuchon Hardware		117
Best Buy		1,456
Blue Hill Power Equipment		128
Braintree Lumber	334	
Continental Marine Services	270	
Drive In Paint Mart	63	
East Coast Marine Services		530
Etrailer.com	339	
Harbor Freight	112	69
Home Depot	761	1,033
Home Electrical LLC	540	
Karas & Karas Glass Co., Inc		253
Karen Castro Florist	303	
Koopman	957	
Lowe's	33	
Remarkable Cleanouts		106
Tractor Supply Co		270
Wayfair		1,690
Andy Polin - Reimb		695
Atha Haberis- Reimb	73	
Barry Greene - reimb	737	
Bob Savicke - reimb	51	
Bradford Rigby-Reimb		363
Brian Saravelas Riemb		178
Dave Gendreau - reimburse	136	
David Gallagher reimburse	155	
Don Baker- Reimb	80	1,131
El Casey- Reimb	515	
Gene Irwin - reimburse		7
Jim Piasecki- Reimb	62	359
Joe Queally- riemb	877	1,067

# Port Norfolk Yacht Club Expenses by Vendor Summary

January - October, 2024

	Total	
	Jan - Oct, 2024	Jan - Oct, 2023 (PY)
John McManus- Reimb	692	1,005
Kathleen Ellis- Reimb	197	739
Ken Clifford- Reimb	996	149
Kevin Bligh - reimb		882
Kris Creighton -reimburs	1,594	600
Larry Pacino reimb	475	
Patrick McDonough- Reimb	236	69
Shawn Cummings- Reimb		703
Steve Wells reimb	446	
Ted Ahern - reimb	1,050	300
Walter Sprague Reimb		274
Will Shalit - reimburse	332	1,401
<b><i>Bar &amp; Entertainment</i></b>		
Liquor & Wine purchases	8,794	6,099
A A Busch	9,702	8,583
Burke Distributing Corp	4,907	4,964
Anthony Columbus Catering	3,777	5,282
BIG Y	288	531
BJ's	1,152	1,377
Costco Wholesale	17	68
Dollar Tree	105	19
Dunkin Donuts		44
Etsy	2,347	
Hottsmoke		1,488
Jimmy Coyne Promotions	6,913	3,931
Lambert's Market	487	171
Lenox-Martell		40
Market Basket	102	111
Mass DOR-bar account	4,517	3,631
Ocean State	34	46
Printmaster	1,501	
Restaurant Depot	255	544
Roche Brothers	11	
Shaws	1,998	1,294
Stop & Shop	495	326
Super Flash T-Shirts		780
Venezia Rest	8,830	
Walmart	733	18
Windy City Pizza	256	584
Bartenders	7,970	8,798
<b>TOTAL</b>	<b>\$ 388,283</b>	<b>\$ 440,290</b>

**AS - IS**  
**Schematic for Electrical Cable and Connectors As-Is**

B-Leg	A-Leg				C-Leg		
Connectors	T-FLOAT				Connectors		
	Assigned to:	#	Width	#	Assigned to:		
1	William DiNatale	154	32	153	James Maloney		
	Mike Rooney	152		151	Bruce Desmarais		
	James Ochs	150	32	149	Scott McEachern		
	Stephen White	148		147	Dennis Kulesza		
1	James Salemis	146	32	145	Joe Queally		
	Phil Skrabut	144		143	Brad Rigby		
	Atha Habaris	142	30	141	Ted Ahern		
1	Mid-slip connection				1		
	Brian T Costello	140		139	Kenneth Taylor		
	John McManus	138	30	137	Ken Carson		
	Tom Joyce	136		135	Steve Wells		
	Kathleen Ellis	134	30	133	Brian Norton		
1	Mid-slip connection				1		
	Tom Kain	132		131	Walter Sprague		
	Patrick Madigan	130	30	129	Mark McNicholas		
	Richard Savicke	128		127	Chris Papadopolis		
1	A-Leg Service Ends				1		
	Eric Forsyth	126	30	125	Ken Clifford		
	Gary Cormier	124		123	Eddie St George		
	Andy Polin	122	28	121	Peter Kalemkerides		
	Gordon Smith	120		119	Tom Okerby		
1	1				1		
	Brian Toland	118	26	117	Barbara Hogan		
	Joseph Abrams	116		115	Ron Brousseau		
	Scott Coutts	114	26	113	Dan Farina		
	Packy McDonough	112		111	Mike Boyle		
1	1				1		
	Henry Hong	110	24	109	Jim Piasecki		
	Gary White	108		107	Paul Lynch		
	Mark Hannigan	106	22	105	Larry Pacino		
	Peter Collins	104		103	Pat Calnan		
	Kevin Bligh	102	12	101	Jen McCarthy		
	Dinghies	100		99	Club Whaler		
Svc Connection	1				1		
8	1				8		
Dock Length Estimated (14 floats X 30' each)							
420							
"Leg-Length" Estimated	Dock	420	210	420	1,050	\$ 25.00	\$ 26,250
5%	Plus Slack at 5%	20	10	20	50	\$ 25.00	\$ 1,250
	Dock to T-Float	10		10	20	\$ 25.00	\$ 500
	Subtotal	450	220	450	1,120	\$ 25.00	\$ 28,000
30	Panel to Dock	30	30	30	90	\$ 25.00	\$ 2,250
	Total Cable	480	250	480	1,210	\$ 25.00	\$ 30,250
	Connectors	8	2	8	18	\$ 2,500	\$ 45,000
							\$ 75,250
Need Info:	(a) Terminal / Junction Boxes	7	1	7	15	\$ -	\$ -
	(b) Circuit Breaker Box					\$ 12,000	\$ 12,000
							\$ 87,250
	Incidentals (rounded)					15%	\$ 11,300
	Estimated Materials Cost						\$ 98,550

\*need to determine cost to bring stuff "to code"  
(a) replaces current pin connectors above  
(b) if needed

**Alternative 1  
Schematic for Electrical Cable and Junction Boxes**

B-Leg	A-Leg				C-Leg
Connectors	T-FLOAT				Connectors
	Assigned to:	#	Width	#	Assigned to:
1	<b>William DiNatale</b>	154	32	153	<b>James Maloney</b>
	<b>Mike Rooney</b>	152		151	<b>Bruce Desmarais</b>
	<b>James Ochs</b>	150	32	149	<b>Scott McEachern</b>
	<b>Stephen White</b>	148		147	<b>Dennis Kulesza</b>
1	<b>James Salemis</b>	146	32	145	<b>Joe Queally</b>
	<b>Phil Skrabut</b>	144		143	<b>Brad Rigby</b>
	<b>Atha Habaris</b>	142	30	141	<b>Ted Ahern</b>
1	Mid-slip connection				1
	<b>Brian T Costello</b>	140		139	<b>Kenneth Taylor</b>
	<b>John McManus</b>	138	30	137	<b>Ken Carson</b>
	<b>Tom Joyce</b>	136		135	<b>Steve Wells</b>
	<b>Kathleen Ellis</b>	134	30	133	<b>Brian Norton</b>
1	Mid-slip connection				1
	<b>Tom Kain</b>	132		131	<b>Walter Sprague</b>
	<b>Patrick Madigan</b>	130	30	129	<b>Mark McNicholas</b>
	<b>Richard Savicke</b>	128		127	<b>Chris Papadopolis</b>
1	A-Leg Service Ends				1
	<b>Eric Forsyth</b>	126	30	125	<b>Ken Clifford</b>
	<b>Gary Cormier</b>	124		123	<b>Eddie St George</b>
	<b>Andy Polin</b>	122	28	121	<b>Peter Kalemkerides</b>
	<b>Gordon Smith</b>	120		119	<b>Tom Okerby</b>
1	1				1
	<b>Brian Toland</b>	118	26	117	<b>Barbara Hogan</b>
	<b>Joseph Abrams</b>	116		115	<b>Ron Brousseau</b>
	<b>Scott Coutts</b>	114	26	113	<b>Dan Farina</b>
	<b>Packy McDonough</b>	112		111	<b>Mike Boyle</b>
1	1				1
	<b>Henry Hong</b>	110	24	109	<b>Jim Piasecki</b>
	<b>Gary White</b>	108		107	<b>Paul Lynch</b>
	<b>Mark Hannigan</b>	106	22	105	<b>Larry Pacino</b>
	<b>Peter Collins</b>	104		103	<b>Pat Calnan</b>
	<b>Kevin Bligh</b>	102	12	101	<b>Jen McCarthy</b>
	<b>Dinghies</b>	100		99	<b>Club Whaler</b>
Svc Connection	1				1
	8				8

Dock Length Estimated (14 floats X 30' each)

	B	A	C	Total	\$/Ft	Ext		
"Leg-Length" Estimated	420	210	420	1,050	\$ 25.00	\$ 26,250		
5% Plus Slack at 5%	20	10	20	50	\$ 25.00	\$ 1,250		
Dock to T-Float	10		10	20	\$ 25.00	\$ 500		
Subtotal	450	220	450	1,120	\$ 25.00	\$ 28,000		
30 Panel to Dock	30	30	30	90	\$ 25.00	\$ 2,250		
Total Cable	480	250	480	1,210	\$ 25.00	\$ 30,250		
Connectors	8	2	8	18	\$ -	\$ -		
						\$ 30,250		
Need Info:	(a)	Terminal / Junction Boxes	7	1	7	15	\$ 500	\$ 7,500
	(b)	Circuit Breaker Box					\$ 12,000	\$ 12,000
		Incidentals (rounded)					15%	\$ 4,500
		Estimated Materials Cost						\$ 54,250

Notes: (a) \*need to determine cost to bring stuff "to code"  
(b) replaces current pin connectors above, except 3 service connections under gangway if needed

**Alternative 2**  
**Schematic for Electrical Cable (Single Phase) and Junction Boxes**

B-Leg	A-Leg				C-Leg
Connectors	T-FLOAT				Connectors
	Assigned to:	#	Width	#	Assigned to:
1	William DiNatale	154	32	153	James Maloney
	Mike Rooney	152		151	Bruce Desmarais
	James Ochs	150	32	149	Scott McEachern
	Stephen White	148		147	Dennis Kulesza
1	James Salemis	146	32	145	Joe Queally
	Phil Skrabut	144		143	Brad Rigby
	Atha Habaris	142	30	141	Ted Ahern
1	Mid-slip connection				1
	Brian T Costello	140		139	Kenneth Taylor
	John McManus	138	30	137	Ken Carson
	Tom Joyce	136		135	Steve Wells
	Kathleen Ellis	134	30	133	Brian Norton
1	Mid-slip connection				1
	Tom Kain	132		131	Walter Sprague
	Patrick Madigan	130	30	129	Mark McNicholas
	Richard Savicke	128		127	Chris Papadopolis
1	A-Leg Service Ends				1
	Eric Forsyth	126	30	125	Ken Clifford
	Gary Cormier	124		123	Eddie St George
	Andy Polin	122	28	121	Peter Kalemkerides
	Gordon Smith	120		119	Tom Okerby
1	1				1
	Brian Toland	118	26	117	Barbara Hogan
	Joseph Abrams	116		115	Ron Brousseau
	Scott Coutts	114	26	113	Dan Farina
	Packy McDonough	112		111	Mike Boyle
1	1				1
	Henry Hong	110	24	109	Jim Piasecki
	Gary White	108		107	Paul Lynch
	Mark Hannigan	106	22	105	Larry Pacino
	Peter Collins	104		103	Pat Calnan
	Kevin Bligh	102	12	101	Jen McCarthy
	Dinghies	100		99	Club Whaler
Svc Connection	1				1

Dock Length Estimated (14 floats X 30' each)		420					
		B	A	C	Total	\$/ Ft	Ext
"Leg-Length" Estimated	Dock	420	210	420	1,050	\$ 5.49	\$ 5,765
5%	Plus Slack at 5%	20	10	20	50	\$ 5.49	\$ 275
	Dock to T-Float	10		10	20	\$ 5.49	\$ 110
	Subtotal	450	220	450	1,120	\$ 5.49	\$ 6,149
30	Panel to Dock	30	30	30	90	\$ 5.49	\$ 494
	Total Cable	480	250	480	1,210	\$ 5.49	\$ 6,643
	Connectors	8	2	8	18	\$ -	\$ -
							\$ 6,643
Need Info:	(a) Terminal / Junction Boxes	7	1	7	15	\$ 500	\$ 7,500
	(b) Circuit Breaker Box					\$ 5,000	\$ 5,000
	Incidentals (rounded)					15%	\$ 1,143
	Estimated Materials Cost						\$ 20,143

Notes: (a) \*need to determine cost to bring stuff "to code"  
 (b) replaces current pin connectors above, except 3 service connections under gangway if needed

BTA.pdf

+ Create



# Arthur J. Hurley COMPANY, INC.

P.O. Box 190550  
2500 Washington Street  
Boston, MA 02119

Phone: (617)-442-9200  
Fax: (617)-427-1025  
www.hurleywire.com

## Quote

Quote	801319	Date	10/16/2024
Customer	36050		
Contact	Matthew Mahoney		
Salesperson	Erik Olson		

Quoted For: MASS BAY TRANSPORT AUTHORITY  
\*\*EMAIL\*\*  
10 PARK PLAZA  
BOSTON, MA 02116

Ship To: MASS BAY TRANSPORT AUTHORITY  
\*\*EMAIL\*\*  
10 PARK PLAZA  
BOSTON, MA 02116

Quote Good Through 10/23/2024

Ship Via	FOB	Freight Terms	Payment Terms	Quote Description
AJH		PREPAY/ALLOW DEST	Net 30 Days	

Line	Item	Ordered	Price	Extension
1	W02 2/0 FLEX TYPE W 2KV BLACK	2,000 FT	5,490.00 MFT	10,980.00
2	G024 2/0 4/C TYPE G 2KV CORD (4)#6 GRNDS <i>CURRENT CABLE</i>	500 FT	24,950.00 MFT	12,475.00

Product	23,455.00
Tax	0.00
<b>Total</b>	<b>23,455.00</b>



Live Chat Support  
Online



1-877-423-8215  
sales@larsonelectronics.com  
(Military/Intl Sales - 214-225-6182)



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Hunting & Boating

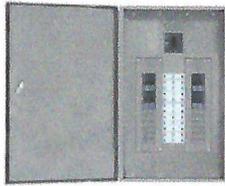
Solar Systems

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400A Power Panelboard, 3PH Main Breaker Panel, 24 Circuit, 480Y/277, (12) Breakers, NEMA 3R, Wall Mount

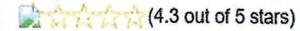


Part #: **MPD-PB-RC-MB-YE-EF-FL-24-BF-N3R-6.T31-1.T27**  
Price: **\$12,084.14**

Quantity 1

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38,302 customer reviews



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SpecSheet

Shipping Time Map

Images:

HigResPic1

HigResPic2

Specifications / Additional Information

This unit is Made in USA - Manufactured in Texas

**A Leg**

**Existing (4/0) sized cable -assumed all pedestals have 30 amp ship 2 shore**

Pedistals	14		
Outlets	28		
Voltage	120		
Legs	3		
Amps	30	50	
Recepticles	28	0	
<b>Total Amps</b>	<b>840</b>		
<b>Total Amps w DF</b>	<b>588</b>		
<b>Amps w DF per leg</b>	<b>196.00</b>		

Cable is 180' from beginning of dock to end of A. Add 50' for whip to panel.

30 amps at end of 230' run with 4/0 awg has a voltage drop of 0.75%

4/0 awg type G cable ampacity rating is 316 amps

Table 555.12 Adjustment Factors Number of Receptacles Sum of the Rating of the Receptacles 1-4 100% 5-8 90% 9-14 80% 15-30 70% 31-40 60% 41-50 50% 51-70 40% Over 71 30%

**Future with 1/0 awg cable**

Pedistals	14		
Outlets	28		
Voltage	120		
Legs	3		
Amps	30	50	
Recepticles	28	0	
<b>Total Amps</b>	<b>840</b>		
<b>Amps w DF</b>	<b>588</b>		
<b>Amps w DF per leg</b>	<b>196.00</b>		

Cable is 180' from beginning of dock to end of A. Add 50' for whip to panel.

30 amps at end of 230' run with 1/0 awg has a voltage drop of 1.34%

1/0 awg type G cable ampacity rating is 205 amps

**B & C Legs**

**Current 30 amp recepticles with existing (4/0) sized cable**

Pedistals	9		
Outlets	18		
Voltage	120		
legs	3		
Amps	30	50	
Recepticles	18	0	
<b>Total Amps</b>	<b>540</b>		
<b>Total Amps w DF</b>	<b>378</b>		
<b>Amps w DF per leg</b>	<b>126.00</b>		

Cable is 442' from beginning of dock to end of B. Add 50' for whip to panel.

30 amps at end of 492' run with 4/0 awg has a voltage drop of 1.60%

4/0 awg G cable ampacity rating is 316 amps

Table 555.12 Adjustment Factors Number of Receptacles Sum of the Rating of the Receptacles 1-4 100% 5-8 90% 9-14 80% 15-30 70% 31-40 60% 41-50 50% 51-70 40% Over 71 30%

**Future - 50 amp recepticles with existing 4/0 awg cable**

Pedistals	8		
Outlets	16		
Voltage	120		
legs	3		
Amps	30	50	
Recepticles		18	
<b>Total Amps</b>	<b>900</b>		
<b>Total Amps w DF</b>	<b>630</b>		
<b>Amps w DF per leg</b>	<b>210.00</b>		

Cable is 442' from beginning of dock to end of B. Add 50' for whip to panel.

50 amps at end of 492' run with 4/0 awg has a voltage drop of 2.67%

4/0 AWG G cable ampacity rating is 316 amps

**Current 30 amp Recepticles with 3/0 awg cable**

Pedistals	9		
Outlets	18		
Voltage	120		
legs	3		
Amps	30	50	
Recepticles	18	0	
<b>Total Amps</b>	<b>540</b>		
<b>Total Amps w DF</b>	<b>378</b>		
<b>Amps w DF per leg</b>	<b>126.00</b>		

Cable is 442' from beginning of dock to end of B. Add 50' for whip to panel.

30 amps at end of 492' run with 3/0 awg has a voltage drop of 1.93%

3/0 awg G cable ampacity rating is 274 amps

Table 555.12 Adjustment Factors Number of Receptacles Sum of the Rating of the Receptacles 1-4 100% 5-8 90% 9-14 80% 15-30 70% 31-40 60% 41-50 50% 51-70 40% Over 71 30%

**Future - 50 amp recepticles with 3/0 awg cable**

Pedistals	8		
Outlets	16		
Voltage	120		
legs	3		
Amps	30	50	
Recepticles	0	16	
<b>Total Amps</b>	<b>800</b>		
<b>Total Amps w DF</b>	<b>560</b>		
<b>Amps w DF per leg</b>	<b>186.67</b>		

Cable is 442' from beginning of dock to end of B. Add 50' for whip to panel.

50 amps at end of 492' run with 3/0 awg has a voltage drop of 3.22%

3/0 awg G cable ampacity rating is 274 amps

**Current 30 amp Recepticles with 2/0 awg cable**

Pedistals	8		
Outlets	16		
Voltage	120		
legs	3		
Amps	30	50	
Recepticles	16	0	
<b>Total Amps</b>	<b>480</b>		
<b>Total Amps w DF</b>	<b>336</b>		
<b>Amps w DF per leg</b>	<b>112.00</b>		

Cable is 442' from beginning of dock to end of B. Add 50' for whip to panel.

30 amps at end of 492' run with 2/0 awg has a voltage drop of 2.34%

2/0 awg G cable ampacity rating is 237 amps

**Future - 50 amp recepticles with 2/0 awg cable**

Pedistals	8		
Outlets	16		
Voltage	120		
legs	3		
Amps	30	50	
Recepticles	0	16	
<b>Total Amps</b>	<b>800</b>		
<b>Total Amps w DF</b>	<b>560</b>		
<b>Amps w DF per leg</b>	<b>186.67</b>		

Cable is 442' from beginning of dock to end of B. Add 50' for whip to panel.

30 amps at end of 492' run with 2/0 awg has a voltage drop of 3.91%

2/0 awg G cable ampacity rating is 237 amps