



**BAREFOOT BAY  
RECREATION DISTRICT**

Barefoot Bay Recreation District Regular Meeting  
June 22, 2021 at 7:00 PM  
Building D&E

Agenda

Please turn off all cell phones

- 1. Thought of the Day**
- 2. Pledge of Allegiance to the Flag**
- 3. Roll Call**
- 4. Presentations and Proclamations**
  - A. Barefoot Bay 50th Anniversary Celebration Proclamation
- 5. Approval of Minutes**
  - A. Minutes dated June 11, 2021.
- 6. Treasurer's Report**
  - A. Treasurer's Report
- 7. Oath of Office**
- 8. Reorganization of the BOT**
- 9. Appointment to the NRP Sub-Committee**
  - A. Neighborhood Revitalization Sub-Committee Appointment
- 10. Audience Participation**
- 11. Unfinished Business**
- 12. New Business**
  - A. Adoption of FY 22 Budget
  - B. Public Hearing and Adoption of FY 22 Assessment Rate
  - C. Shopping Center Lease for Building 1 Unit 6 (Old Veteran's Support Office)
  - D. Shopping Center Electrical Upgrades RFP Evaluation Committee Recommendation
  - E. Confirmation of Approval of Proposal for Building A Fire and Smoke Detection Hardware Installation Services
  - F. Proposal to Change BBRD's Charter to Increase the Size of the BOT to Seven Members and Three-year Terms

G. Review of the Florida Association of Special Districts Annual Conference

**13. Manager's Report**

A. June 22, 2021 Manager's Report

**14. Attorney's Report**

**15. Incidental Trustee Remarks**

**16. Adjournment**

If an individual decides to appeal any decision made by the Recreation District with respect to any matter considered at this meeting, a record of the proceedings will be required and the individual will need to ensure that a verbatim transcript of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based (FS 286.0105). Such person must provide a method for recording the proceedings verbatim.

Barefoot Bay Recreation District Regular Meeting



# BAREFOOT BAY RECREATION DISTRICT

## Board of Trustees Regular Meeting

June 11, 2021

1PM –Building D&E

### Meeting Called to Order

The Barefoot Bay Recreation District Board of Trustees held a Meeting on June 11, 2021, Building D&E 1225 Barefoot Boulevard, Barefoot Bay, Florida. Mr. Maino called the meeting to order at 1PM.

### Pledge of Allegiance to the Flag

Led by Ms. Brown.

### Roll Call

Present: Mr. Maino, Mr. Grunow, Mr. Nugent, Mr. Morrissey. Also, present, John W. Coffey, ICMA-CM, Community Manager, Stephanie Brown, District Clerk, Property Services Manager, Matt Goetz, Food & Beverage Manager, Kathy Mendes, Charles Henley, Finance Manager and Rich Armington, Resident Relations Manager.

Mr. Maino requested to add discussion item 8A to the agenda regarding recent water concerns raised by various residents, and item 9H, November 2020 Release of Liens. He also requested to remove 9C Policy Manual Revision Chits from the agenda.

*Mr. Nugent made a motion to accept additions to the agenda. Second by Mr. Morrissey. Motion passed.*

### Presentations and Proclamations

Chairman Maino presented the Milestone Award to Property Services Pools Supervisor Leslie Kadlec.

### Approval of Minutes

*Mr. Grunow made a motion to approve the BOT Regular Meeting and Legal Services Discussion Workshop minutes dated May 25, 2021. Second by Mr. Nugent. Motion passed.*

### Treasurer's Report

*Mr. Grunow made a motion to approve the Treasurer's Report for June 11, 2021, as read. Second by Mr. Morrissey. Motion passed.*

### Audience Participation

Jeanne Osborne-100 Cherokee Court-expressed her gratitude to Mr. Loveland for his service on the BOT and to the community.

Nance Eisele-944 Barefoot Blvd-voiced her concern about an issue her neighbor had (836 Hawthorne) regarding DOR violation notices.



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Robert Schmidt-1013 Thrush Circle-spoke in favor of BBRD covering the cost to replace the roofing exhaust fan in RJ's Restaurant.

Mike Turney-1121 Pocatella Drive-spoke in favor of choosing a Trustee who has not already ran or served on the BOT.

Lorraine Andrews-1221 Chipewa Drive-spoke in favor of legal counsel being at every BOT meeting.

Mary Miller-906 Jacaranda Drive-spoke in favor of more residents attending BOT meetings and allowing candidates who previously ran being able to re-run for the BOT.

## **Unfinished Business**

### **Brevard County Water System**

Mr. Maino explained how the county water system is managed and not associated with BBRD. He also stated that the water in BBRD has been tested and is safe. Mr. Morrissey provided a number (521-952-4610) to residents for Brevard County Water Department to call if they would like to have their water tested. Mr. Grunow and Mr. Nugent spoke in favor of having a Brevard County Representative come to BBRD and discuss water issues.

*Consensus of the BOT to contact the CVO to host a representative from Brevard County Water Department.*

## **New Business**

### **Selection of a Qualified Elector to Fill the Unexpired Term of Trustee Loveland**

Staff recommends the BOT appoint a qualified elector to the unexpired term of Trustee, formerly held by Randy Loveland.

Mr. Grunow nominated Bruce Amoss. Mr. Morrissey nominated Hurrol Brinker.

1<sup>st</sup> Round Vote-two votes for Mr. Brinker and two votes for Mr. Amoss

2<sup>nd</sup> Round Vote-two votes for Brinker and two votes for Mr. Amoss

3<sup>rd</sup> Round Vote-two votes for Mr. Brinker and two votes for Mr. Amoss

Mr. Maino performed a coin toss (heads was Mr. Amoss and tails was Mr. Brinker). Mr. Amoss won the coin toss.

*Mr. Grunow made a motion to appoint Bruce Amoss to the unexpired term of Trustee, formerly held by Randy Loveland. Second by Mr. Maino. Motion passed 3-1. Mr. Morrissey dissents.*

### **Request for Use of Shopping Center Space**

Staff recommends the BOT authorize General Counsel Repperger to draft a no cost lease with Paradise Planners for exclusive use of the vault (Building #2, part of Unit #2), authorize Chairman Maino to execute the lease when available, and authorize staff to procure a second shipping container for records retention purposes.

Mr. Grunow asked if a quarterly report would be required from Paradise Planners. Mr. Maino responded that it would not be necessary as they are only using it for storage, and it is a smaller space.





# BAREFOOT BAY RECREATION DISTRICT

*Mr. Nugent made a motion to BOT authorize General Counsel Repperger to draft a no cost lease with Paradise Planners for exclusive use of the vault (Building #2, part of Unit #2), authorize Chairman Maino to execute the lease when available, and authorize staff to procure a second shipping container for records retention purposes. Second by Mr. Grunow. Motion passed.*

## **Pro Shop and Softball Field Building Roof Replacements**

Staff recommends the BOT award contract for re-roofing of the Pro Shop and Softball Field Building at a cost of \$22,500.00 to MB Enterprises and instruct staff to transfer the required funding from contingency.

*Mr. Grunow made a motion to BOT award contract for re-roofing of the Pro Shop and Softball Field Building at a cost of \$22,500.00 to MB Enterprises. Second by Mr. Nugent. Motion passed.*

## **Golf Course Cart Barn Repairs**

Staff recommends the BOT award contract to Endeavor Construction, Inc. in the amount of \$13,350.00 for repairs to the Golf Course cart barn.

*Mr. Morrissey made a motion to award contract to Endeavor Construction, Inc. in the amount of \$13,350.00 for repairs to the Golf Course cart barn. Second by Mr. Grunow. Motion passed.*

## **New Golf Course Scoreboard**

Staff recommends the BOT award contract to Barefoot Services, Inc. in the amount of \$14,740.00 for the demolition of the current scoreboard and construction of a new scoreboard.

*Mr. Nugent Made a motion to award contract to Barefoot Services, Inc. in the amount of \$14,740.00 for the demolition of the current scoreboard and construction of a new scoreboard. Second by Mr. Grunow. Motion passed.*

## **Dismissal of DOR Violation Enforcement Case 20-002616 (248 Dolphin Circle)**

The Community Manager and General Counsel recommend the BOT approve Dismissal of Litigation Case No.: 05-2021-CA-021967-XXXX-XX, and bear its own legal fees and costs on this matter.

*Mr. Grunow made a motion to approve Dismissal of Litigation Case No.: 05-2021-CA-021967-XXXX-XX, and bear its own legal fees and costs on this matter. Second by Mr. Nugent. Motion passed.*

## **November 13, 2020, Release of Liens**

General Counsel recommends that the BOT approve preparation of a Satisfaction and Release of the Claim of Lien and Amended Claim of Lien for 853 Laurel Circle as previously authorized on November 13, 2020, and confirm its direction to BBRD Staff to record Satisfactions and Releases of Claims of Lien on properties previously authorized November 13, 2020. If the BOT does not intend to have BBRD Staff prepare and record Satisfactions and Releases as previously authorized, the BOT should specifically rescind its prior action taken on November 13, 2020, as to each specific property listed.



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Mr. Morrissey is not in favor of forgiving the lien for 853 Laurel Circle. Mr. Grunow stated he is not in favor of forgiving liens as a general rule, but spoke in favor going with General Counsel Repperger's advice. Mr. Nugent also spoke in favor of taking General Counsel Repperger's advice.

*Mr. Grunow made a motion to approve preparation of a Satisfaction and Release of the Claim of Lien and Amended Claim of Lien for 853 Laurel Circle as previously authorized on November 13, 2020, and confirm its direction to BBRD Staff to record Satisfactions and Releases of Claims of Lien on properties previously authorized November 13, 2020. Second by Mr. Maino. Motion passed 3-1. Mr. Morrissey dissents.*

## Manager's Report

### Office of the District Clerk

**Veterans' Kiosk Update** – The data is uploaded to the software and the unit was delivered on June 8<sup>th</sup>. Once an electrical outlet is installed the Kiosk will be loaded with the software and data, large monitor installed, and artwork placed back on the wall.

### Resident Relations

**ARCC Meeting Agenda 06/08/2021** Administration Building Conference Room at 9am

Agenda includes:

- 12 consent permits: 10 approved, 2 tabled for additional information
- 11 other permits: 8 approved, 1 denied, 2 tabled for additional information

### **Next ARCC Meeting 06/22/2021**

- Will be held in Administration Building Conference Room at 9am.

### **VC Meeting 06/11/2021 in Bldg. D/E at 10am**

- 18 cases on the agenda
- 10 cases came into compliance prior to the meeting

### **Next Violations Committee Meeting**

- Scheduled for June 25th in Bldg. D/E at 10am

### **Interesting Facts for May**

- 76 homes sold
- 44 orientation sessions given (76 residents in attendance)

### Food & Beverage

- **Father's Day** is Sunday, June 20th, with TC and Sass lakeside from 2-6pm. We will feature Philly Cheese Steak and Dagwood sandwiches along with draught beer and drink specials from noon-6pm.

**50<sup>th</sup> Anniversary Celebration of Barefoot Bay update** – The really big event will be on Saturday, July 3<sup>rd</sup>. The kickoff Golf tournament celebration is almost sold out, the Golf cart and bicycle parade starts at 11am and we will



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have great representation from the Clubs. You do not want to miss the historical ceremony at 2pm on the Lakeside stage and the cake cutting afterwards. Music, food, and beverages will round out a great day in the Bay! Flyers with all the details are posted.

## Property Services

- Cleaned out drainage ditch off Egret Circle
- Met with potential new vendor
- Set up and tore down the Memorial Day events
- Changed light switches at the Pro Shop
- Ran electrical lines for the CCTV at Building A
- Pressure washed behind Building A
- Stained the concrete behind Building A
- Repaired vandalized gate at the pier
- Filled a depression in the turf behind Pool #3
- Inspected hurricane supplies for the upcoming 2021 season
- Performed maintenance at the beach
- Began the install of the Veterans' memorial kiosk
- Pressure washed Pool #3 building and sidewalks
- Re-painted the gutters and downspout at Pool #3
- Repaired the driveway at Pool #3
- Installed river rock at the cart barn
- June 10, 2021, Kids swim attendance 20 Kids

## Golf-Pro Shop

- **Jr. Golf "COVID-19 safe" Camp details**
  - Two Sessions
    - Pick up application at Golf Course Pro Shop or Administration Building
    - June 15 – July 1
    - July 6 – July 22
  - Jr. Golf Tournament on Saturday July 17th
  - Award Banquet July 22 at 4pm
- **Tournaments** Contact the Pro Shop (664.3174) if you have questions or to sign-up
  - June 19th
    - John McCarthy Memorial Golf Tournament
    - 12pm Shotgun start
    - \$18 to \$33 based on club member/non-member status
  - July 3rd
    - Celebrating 50 years at BBRD golf celebration
    - 8:30 Shotgun start
    - \$21.50 for members and \$36.50 for non-members
  - July 17th Jr. Golf Tournament



# BAREFOOT BAY RECREATION DISTRICT

## General Information

- **Shopping Center Re-roofing Project Update** – The vendor placed dumpsters on the south side of the main building on June 2<sup>nd</sup>. Once the forecast indicates consecutive dry days the project will start.
- **Building A Renovations Project Update** – The project continues to proceed with drop ceiling runners installed and flooring in the process of being installed.

## **Attorney's Report**

Mr. Repperger was excused.

## **Incidental Trustee Remarks**

Mr. Grunow reminded residents of Flag Day. Mr. Grunow also spoke in favor of holding a workshop to discuss BOT Member selection procedures.

Mr. Morrissey gave contact information for the Brevard County Water District (521-952-4610). He also expressed his gratitude to residents who participated during the BOT meeting.

Mr. Nugent directed Mr. Coffey to contact Mr. Repperger regarding submitting the Paradise Planners lease and Steward land lease at the next BOT meeting.

Mr. Maino reminded residents to report any suspicious activities around the community.

## **Adjournment**

The next meeting will be on June 22, 2021, at 7pm in Building D/E

Mr. Morrissey made a motion to adjourn. Mr. Maino adjourned.

Meeting adjourned at 2:46pm

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Jeff Grunow, Secretary

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Stephanie Brown, District Clerk

# Barefoot Bay Recreation District

## Treasurer's Report

June 22, 2021

### Cash Balances in General Fund as of 6/14/21

Petty Cash Total Petty Cash: \$ 2,500.00

### Operating Cash in Banks

MB&T Operating Account 530,625.66  
**Total Operating Accounts: 530,625.66**

### Interest Bearing Accounts

MB&T Money Market Account 2,150,206.58  
SBA Reserve Account 699,579.29  
**Total Interest Bearing Accounts: 2,849,785.87**

**Total Cash Balances in General Fund: \$ 3,382,911.53**

### Total Daily Deposits and Assessments Received for 6/4/21 - 6/14/21

Daily Deposits: \$ 33,179.53  
Interest Received: Money Market Account -  
Interest Received: SBA Account -  
Assessments Received: 28,805.53  
**Total Deposits Received: \$ 61,985.06**

### Expenditures for 6/4/21 - 6/14/21

Check Number	Vendor	Description	Check Amount
57185	ABM Landscape & Turf Services	Golf Course & Ball Field Maint. - 5/21	38,955.02
57186	ABM Landscape & Turf Services	Irrigation Parts - Gear Drives	5,423.00
57200	MGM Contracting, Inc	Shopping Center Roof Replacement Mobilization Fee	23,240.00
57227	Florida Municipal Insurance Trust	Insurance: 4th Installment	36,908.00
210604	Florida Department of Revenue	Sales Tax: 5/21	12,057.52
	US Dept of Treasury	Payroll Tax: Pay Period Ending 6/6/21	17,675.68
	PayChex	Net Payroll: Pay Period Ending 6/6/21	60,285.25

**Total Expenditures \$5,000 and above: \$ 194,544.47**

**Expenditures under \$5,000: \$ 42,689.68**

**Total Expenditures: \$ 237,234.15**

## Board of Trustees Meeting Agenda Memo

Date: Tuesday, June 22, 2021  
Title: **Adoption of FY 22 Budget**  
Section & Item: 12.A  
Department: Administration, Finance  
Fiscal Impact: \$7,058,141.00  
Contact: Charles Henley, Finance Manager, John W. Coffey ICMA-CM, Community Manager  
Attachments: attachment Resolution Adoption of FY22 Budget, Exhibit A summary proposed budget  
Reviewed by  
General Counsel: Yes  
Approved by: John W. Coffey, ICMA-CM, Community Manager



### Requested Action by BOT

Adoption of Resolution 2021-09 which will adopt the FY 22 Budget of \$7,058,141.00.

### Background and Summary Information

The Board of Trustees (BOT) held a budget kick-off townhall style meeting on January 14, 2021 to solicit input from the public regarding the development of the FY 22 Budget and FY 22-26 Five-Year Financial Model and Capital Improvement Plan (5yrFM&CIP). The BOT then reviewed and modified the FY 22 Working Draft Proposed Budget during two workshops and three BOT Regular Meetings.

On May 25, 2021, the BOT authorized the mail out to property owners of the FY 22 Proposed Budget and proposed assessment of \$826.08 per lot. Said summary budget is attached as Exhibit A. The complete line-item budget is provided separately as Exhibit B.

The Proposed FY 22 General Fund Budget is balanced at \$7,058,141.00.

#### *Revenue/Sources enhancements include:*

\$49,068.00 from a total \$0.84 increase in the monthly assessment rate to \$68.84 (comprised of 1.234% increase to offset the impact of inflationary pressures on operating costs)

\$21,000.00 from a \$50.00 increase in the one-time social membership fee from \$750.00 to \$800.00

\$210,000.00 from a \$500.00 increase in the one-time social membership fee from \$800.00 to \$1,300.00

An average 5.00% increase in Food & Beverage prices

#### *Expenditures/Uses include:*

The FY 22 Proposed General Fund Budget contains the following Decision Points and R&M/Capital projects:

#### 3 operating decision points at a combined savings of \$438.00

\$28,606.00 State mandated minimum wage increase (year 1 of 6)

--\$12,564.00 Elimination of 0.40 FTE administrative support positions

--\$16,480.00 Elimination of 0.85 FTE Seasonal Groundskeeper positions

\$755,500.00 17 Repair and Maintenance/Capital projects

\$155,571.00 Contingency

The FY 22 Proposed General Fund Budget contains 76.61 FTEs of which 35 are full-time plus 1.0 FTE via the contract with Special District Services, Inc.

Of note, a "public hearing" is not required to adopt the annual budget but is required to adopt the annual assessment rate.

Pursuant to Sec. 418.304(4)(a), F.S., the annual budget is required to be adopted prior to July 1.

Staff recommends the BOT approve Resolution 2021-09 adopting the FY 22 Budget as mailed out to the property owners and attached as Exhibit A..

## **RESOLUTION 2021- 09**

### **A RESOLUTION OF THE BOARD OF TRUSTEES OF THE BAREFOOT BAY RECREATION DISTRICT ESTABLISHING AND ADOPTING A BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2021 AND ENDING SEPTEMBER 30, 2022; PROVIDING FOR CONFLICTS; PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, Section 418.304 (4) (a), Florida Statutes, requires the Board of Trustees of the Barefoot Bay Recreation District (the "District") to prepare and adopt an itemized budget on or before July 1 of each year, which said budget shall show the amount of money necessary for the operation of the next ensuing fiscal year; and

**WHEREAS**, The Board of Trustees of the District has prepared said budget for the fiscal year beginning October 1, 2021 and ending September 30, 2022, a copy of which is attached as Exhibit "A" to this Resolution; and

**WHEREAS**, the initial proposed summary draft of Exhibit "A" has previously been furnished to each owner of an improved residential parcel within the District as required by the said Section 418.304 (4) (a); and

**WHEREAS**, The Board of Trustees of the District has also caused a copy of the said initial proposed draft budget to be made available for public inspection at the principal office of the District as required by the said Section 418.304 (4) (a); and

**WHEREAS**, The Board of Trustees of the District has found and determined that the budget which appears as Exhibit "A" of this Resolution is reasonably necessary to provide for the maintenance and operation of the District for the fiscal year beginning October 1, 2021 and ending September 30, 2022.

**NOW THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE BAREFOOT BAY RECREATION DISTRICT, BREVARD COUNTY, FLORIDA, that:**

Section 1. The budget which appears as Exhibit "A" of this Resolution is hereby adopted by the District for the fiscal year of the District beginning October 1, 2021 and ending September 30, 2022; and the amounts set forth as revenues, expenses, and costs of sales in the said budget are hereby appropriated for the said fiscal year.

Section 2. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed.

Section 3. This Resolution shall become effective immediately upon its adoption, and the budget set forth in Exhibit "A" of this Resolution shall become effective October 1, 2021.



The foregoing resolution was moved for adoption by Trustee \_\_\_\_\_. The motion was seconded by Trustee \_\_\_\_\_ and, upon being put to a vote, that vote was as follows:

Chairman, Michael R. Maino  
Trustee, Jim Nugent  
Trustee, Michael Morrissey  
Trustee, Jeff Grunow  
Trustee, Bruce Amoss

The Chairman thereupon declared this resolution Done, Ordered, and Adopted this 22<sup>rd</sup> Day of June, 2021.

**BAREFOOT BAY RECREATION DISTRICT**

By: \_\_\_\_\_  
MICHAEL R. MAINO  
CHAIRMAN

\_\_\_\_\_  
JEFF GRUNOW  
SECRETARY



**Barefoot Bay Recreation District  
Proposed Budget - General Fund  
Fiscal Year 22 (10/01/2021 – 9/30/2022)**

The FY22 General Fund Proposed Budget is based on an assessment rate  
of \$826.08 (\$68.84/month) per year per lot.

	<b>FY20 Actual</b>	<b>FY21 Original Budget</b>	<b>FY21 Year-end Estimate</b>	<b>FY22 Base Budget</b>	<b>FY22 Decision Points</b>	<b>FY22 Proposed Budget</b>
<b>Revenues/Sources</b>						
Administration	4,094,850	4,006,703	4,020,861	3,998,292	49,068	4,047,360
Resident Relations	57,079	100,315	40,714	88,500	-	88,500
Food & Beverage	647,930	1,286,340	450,101	1,346,179	-	1,346,179
Golf-Pro Shop	609,107	649,517	552,475	691,768	-	691,768
Property Services	325,713	317,200	345,511	338,550	231,000	569,550
Vehicle Storage	160,280	157,449	168,656	179,819	-	179,819
Shopping Center	90,087	110,104	123,154	134,965	-	134,965
R&M/Capital Projects	20,950	1,000,000	2,556	-	-	-
<b>Total Revenues/Sources</b>	<b>6,005,997</b>	<b>7,627,628</b>	<b>5,704,028</b>	<b>6,778,073</b>	<b>280,068</b>	<b>7,058,141</b>
<b>Expenditures/Uses</b>						
Administration	1,106,499	1,340,490	1,167,641	1,413,630	-	1,413,630
Resident Relations	435,770	543,641	487,676	563,306	-	563,306
Food & Beverage	766,954	1,297,915	453,319	1,377,043	8,587	1,385,630
Golf-Pro Shop	859,403	917,049	931,452	974,992	1,522	976,514
Property Services	1,565,309	1,717,079	1,714,581	1,778,855	(10,547)	1,768,308
Vehicle Storage	16,352	18,516	15,856	16,497	-	16,497
Shopping Center	70,397	36,073	42,250	38,368	-	38,368
Stormwater	57,100	50,547	49,872	21,520	-	21,520
R&M/Capital Projects	889,999	1,706,318	1,604,142	100,000	774,368	874,368
<b>Total Expenditures/Uses</b>	<b>5,767,784</b>	<b>7,627,628</b>	<b>6,466,789</b>	<b>6,284,211</b>	<b>773,930</b>	<b>7,058,141</b>

**FY22 contains the following revenue enhancements:**

- \$49,068 from a total \$0.84 increase in the monthly assessment rate to \$68.84 (comprised of 1.234% increase to offset the impact of inflationary pressures on operating costs)
- \$21,000 from a \$50.00 increase in the one-time social membership fee from \$750.00 to \$800.00
- \$210,000 from a \$500.00 increase in the one-time social membership fee from \$800.00 to \$1,300.00
- An average 5.00% increase in Food & Beverage prices

**The public hearing to set the Assessment and Adopt the Budget  
will be held on June 22, 2021, Building D/E at 7:00pm**



**General Fund Revenues/Sources**

District Assessment Fee	4,025,436
Recreation Fees	546,000
Badge & Add. Social Membership	23,550
Guest Passes	61,955
Golf Memberships	233,075
Non Resident Golf Initiation Fees	1,050
Fleet Golf Cart Rentals	86,955
Private Golf Cart Fees	90,899
Handicap Fees	6,580
Golf Club Storage	205
Practice Range	989
Greens Fees	145,801
Golf Rental Equipment	895
Merchandise Sales	72,981
Coupons	(18,056)
Staff Discount	(1,579)
Beverage Sales	843,206
Food Sales	501,378
Building Rentals	4,560
DOR Enforcement Fees	14,000
Grants and Loans	50,000
Interest Income	12,237
Vending Machine Income	261
NSF Fees	40
Vendor Discount	212
Sales Tax Discounts	360
Delinquent Fee Collections	1,730
Lien Fee Reimbursement	675
Legal Fee Recovery	2,450
Ins. Proceeds (reimbursements)	3,000
Proceeds from Sale of Fixed Assets	1,450
(Golf) Youth Group Income	3,500
Misc. Income General	28,042
Vehicle Storage Income	177,917
Kayak Storage Income	1,422
Leasing Income	101,597
Common Area Maint. Income	20,708
Real Estate Taxes Income	12,660

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**Total G. F. Revenues: 7,058,141**
**General Fund Expenditures/Uses**

F/T Salaries	1,410,366
P/T Wages	908,577
Overtime	15,990
Special Pay	12,915
Payroll Taxes	179,134
401 A Benefit	19,665
Medical/Dental/Life Insurance	356,900
Payroll Fees	22,650
Professional Fees	79,580
Legal Fees	110,553
Management Fees	173,228
Management Fees/Tax Roll	5,000
Accounting & Auditing Fees	31,000
Software Subscriptions	50,115
Operating Supplies	54,949
Cleaning Supplies	33,878
Chlorine	33,152
Chemicals	3,903
Beverage Supplies	6,641
Paper Supplies	21,280
Small Tools & Hardware	10,118
Fuel	26,023
Collection Fees	79,560
Collection Discounts	129,391
Property Taxes	35,474
ICMA Retirement	1,000
Employee Incentive	89,620
Employee Recruitment & Testing	6,571
Lien & Recording Fees	1,360
Travel & Training	26,227
Telephone, Internet, Cable	35,392
Postage	5,756
Utilities/Electrical	87,645
Utilities/Propane	18,009
Utilities/Water	45,445
Utilities/Solid Waste-Garbage	35,799
Utilities/Portable Toilets	4,175
CVO Utilities	3,444
Equipment Leasing	70,710
Uniform Leasing	7,760

Insurance	152,061	<b>R&amp;M/Capital Project Summary:</b>	
Resident Activities	17,025	Replace Damaged Concrete	
Workers Comp. Insurance	25,373	Sidewalks/Assembly Areas	25,000
Access System Service Fee	5,625	Awning South Side of Lounge	29,000
Licenses, permits & lien fees	6,903	Lounge Outside Bar	109,000
Printing	4,213	Replacement Sidewalks at Bldg. D/E	
Advertising	11,675	and the 19th Hole	22,700
Employee Clothing Allowance	7,439	Lounge Bathroom Air Handling Unit	
Bank Charges	31,495	Replacement	4,700
Dues & Subscriptions	25,618	Water and Sewer Office HVAC	
DOR Enforcement Expenses	2,145	Condensing Unit Replacement	4,700
Election Expenses	8,980	Shopping Ctr. (937) HVAC Roof	
Golf Course Maintenance	470,472	Condensing Unit Replacement	5,900
R & M Misc	22,619	Replace. R.R. Truck (2015 mid-size)	23,000
R & M Buildings	78,664	Replacement HD Utility Cart (2008)	
R & M Grounds	149,789	used by Softball Association	10,000
R & M Equipment	68,171	Replacement P.S. Utility Cart (2016)	8,900
R & M Pools	18,466	Kitchen Trailer (replaces Pool #1 grill	
Vehicle Maintenance	6,751	area)	64,600
Contingency	155,571	19th Hole Kitchen: New Hood/Stove	70,000
Reserves	-	Lounge Walkin Cooler Replacement	68,000
Music & Entertainment	117,472	Pool #3 Parking Lot Paving	75,000
Food Costs of Sales	240,311	Golf Course Lakebank Restoration: #6,	
Beverage Costs of Sales	312,091	#2, and #3	100,000
Soft Drinks & CO2	43,877	Golf Course Lakebank Restoration: #5,	
Merchandise Cost of Sales	49,368	#9, and #13	75,000
Miscellaneous Expenditures	700	Tennis Court Resurfacing	60,000
Debt Service Principal	1,944	Carpeting Miniature Golf Course	
Capital projects	755,500	<b>Total R&amp;M/Capital Projects:</b>	<b>755,500</b>
<b>Total G. F. Expenditures:</b>	<b>7,039,273</b>		

**Non-Capital Decision Point Summary:**

State mandated minimum wage	
increase (year 1 of 6)	28,606
Elimination of 0.40 FTE administrative	
support positions	(12,564)
Elimination of 0.85 FTE Seasonal	
Groundskeeper positions	(16,480)
<b>Total Non-Capital Decision Points:</b>	<b>(438)</b>

**FY22 Personnel Summary (FTEs):**

Full-time	35.00
Part-time	41.61
<b>Total Positions:</b>	<b>76.61</b>

Be sure to join us for BBRD's 50th Anniversary Celebration of the first home in BBRD on July 3, 2021 at the Community Center. Details about the parade, festivities and fireworks will be in the

For a complete department by department line-item budget, please go to  
<http://bbird.org/wp-content/uploads/FY22-Proposed-Line-Item-Summary-Budget.pdf> or  
stop by the Administration Building for a paper copy.

Please direct any questions to:  
John W. Coffey, ICMA-CM, BBIRD Community Manager  
772.664.3141  
jcoffey@bbird.org

or  
Charles Henley, Finance Manager  
772.664.3141  
charleshenley@bbird.org

Barefoot Bay Recreation District  
625 Barefoot Blvd.  
Barefoot Bay, FL 32976

Mr. & Mrs. Property Owner  
1313 Mockingbird Lane  
Barefoot Bay, 32978

## Board of Trustees Meeting Agenda Memo

Date: Tuesday, June 22, 2021  
Title: **Public Hearing and Adoption of FY 22 Assessment Rate**  
Section & Item: 12.B  
Department: Administration, Finance  
Fiscal Impact: \$4,025,436.00 in FY 22 Revenues  
Contact: Charles Henley, Finance Manager, John W. Coffey ICMA-CM, Community Manager  
Attachments: attachment~Resolution Setting FY22 Assessment Rate  
Reviewed by  
General Counsel: Yes  
Approved by: John W. Coffey, ICMA-CM, Community Manager



### Requested Action by BOT

Public Hearing for community input and adoption of Resolution 2021-10 implementing the FY 22 Assessment of \$826.08 per lot.

### Background and Summary Information

The Board of Trustees (BOT) held a budget kick-off townhall style meeting on January 14, 2021 to solicit input from the public regarding the development of the FY 22 Budget and FY 22-26 Five-Year Financial Model and Capital Improvement Plan (5yrFM&CIP). The BOT then held two workshops and discussed the Proposed Budget twice during Meetings.

On May 25, 2021, the BOT authorized the mail out to property owners of the FY 22 Proposed Budget and proposed assessment of \$826.08 per lot.

Per BBRD Policy Manual 2.8 Yearly Budget Schedule and Levy of Assessments, the BOT is required to hold a public hearing and adopt an assessment rate in June. However, Section 418.304(4)(b), F.S., specifically provides, "The trustees shall, on or before July 30 of each year, by resolution, fix the amount of the assessment for the next ensuing year. These special assessments may be collected in the manner provided for ad valorem taxes under chapter 197, subject to the conditions of s. 197.363. Prior to the adoption of the resolution fixing the amount of the assessment, the trustees shall hold a public hearing at which time qualified electors of the district may appear and be heard. Notice of the time and place of the public hearing shall be published once in a newspaper of general circulation within the county at least 21 days prior to the public hearing." Hence, if the BOT desires, the assessment adoption could be deferred one or two meetings.

### Procedure:

The Chairman shall have General Counsel read the resolution.

The Chairman shall open the Public Hearing regarding FY 22 Proposed Assessment Rate.

The Chairman shall ask if any residents wish to comment on the FY 22 Proposed Assessment Rate of \$826.08.

When the public comment is completed, the Chairman shall close the public hearing and entertain a motion from the BOT.

Staff recommends the BOT approve Resolution 2021-10 adopting the FY 22 Assessment of \$826.08 as mailed out to the property owners.

## RESOLUTION 2021- 10

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE BAREFOOT BAY RECREATION DISTRICT ESTABLISHING AN ASSESSMENT OF \$826.08 FOR EACH IMPROVED RESIDENTIAL LOT WITHIN THE SAID DISTRICT TO FUND THE 2021/22 FISCAL YEAR OPERATING BUDGET OF THE DISTRICT; PROVIDING FOR THE COLLECTION OF SAID ASSESSMENT IN THE MANNER PROVIDED FOR AD VALOREM TAXES PURSUANT TO SECTION 197.363, FLORIDA STATUTES; PROVIDING THAT SAID ASSESSMENT SHALL BE A VALID LIEN UPON EACH IMPROVED RESIDENTIAL LOT SO ASSESSED UNTIL SUCH ASSESSMENT HAS BEEN PAID IN FULL; PROVIDING THAT SAID ASSESSMENT SHALL BE CONSIDERED PART OF THE COUNTY TAX SUBJECT TO THE SAME PENALTIES, CHARGES, FEES, AND REMEDIES PROVIDED FOR THE ENFORCEMENT AND COLLECTION OF COUNTY TAXES; PROVIDING FOR CONFLICTS; PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the Board of Trustees of the Barefoot Bay Recreation District (the “District”) has, by adoption of Resolution No. 2021-09; approved an operating budget for the District for fiscal year 2020/21 which requires total revenues in the amount of \$7,258,141.00 for the said fiscal year; and

**WHEREAS**, The Board of Trustees has reasonably determined that the sum of \$4,025,436 must necessarily be obtained through an assessment upon each improved residential lot within the District to fund the said operating budget; and

**WHEREAS**, the said total of \$4,025,436 can be attained by an assessment of \$826.08 for each of the estimated 4,873 improved residential lots within the District for the fiscal year beginning October 1, 2021 and ending September 30, 2022; and

**WHEREAS**, The Board of Trustees has determined that it is in the best interests of the District to collect said assessment in the manner provided for ad valorem taxes as provided in Sec. 197.363, F.S.; and

**WHEREAS**, The Board of Trustees of the District has also found and determined that it is reasonable and prudent to set forth (i) the lien rights of the District with respect to each improved residential lot so assessed until such assessment has been paid (ii) the method of enforcing the said assessment as provided by statute; and

**WHEREAS**, all affected property owners have been provided notice of the public hearing on this Resolution in accordance with Sec. 418.304(4)(b), F.S.; and

**NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE BAREFOOT BAY RECREATION DISTRICT, BREVARD COUNTY, FLORIDA, that:**

Section 1. An assessment in the amount of \$826.08 annually is hereby assessed for the fiscal year beginning October 1, 2021 and ending September 30, 2022 upon each improved residential lot within the Barefoot Bay Recreation District. The said assessment shall be for

funding of the 2021/22 fiscal year operating budget of the District adopted by the District's Resolution No. 2021-09.

Section 2. The Board of Trustees hereby elects to collect said assessment in the manner provided for ad valorem taxes pursuant to the conditions of Sec. 197.363, F.S. as authorized by Sec. 418.304(4)(b), F.S.

Section 3. Pursuant to Sec. 418.304 (4)(e)1, F.S., the assessment levied in Section 1 this Resolution, shall be a valid lien upon each improved residential lot within the District until it has been paid in full; shall be considered a part of the county tax; and is subject to the same penalties, charges, fees, and remedies provided for the enforcement and collection of county taxes.

Section 4. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed.

Section 5. This Resolution confirms the assessment as reflected in the 2021/22 Budget which was adopted by the Board in Resolution 2021-09 on June 22, 2021.

Section 6. This Resolution shall become effective immediately upon adoption.

The foregoing resolution was moved for adoption by Trustee \_\_\_\_\_. The motion was seconded by Trustee \_\_\_\_\_ and, upon being put to a vote, that vote was as follows:

Chairman, Michael R. Maino  
Trustee, Jim Nugent  
Trustee, Michael Morrissey  
Trustee, Jeff Grunow  
Trustee, Bruce Amoss

The Chairman thereupon declared this resolution Done, Ordered, and Adopted this 22<sup>nd</sup> Day of June 2021.

#### **BAREFOOT BAY RECREATION DISTRICT**

By: \_\_\_\_\_  
MICHAEL R. MAINO  
CHAIRMAN  
  
\_\_\_\_\_  
JEFF GRUNOW  
SECRETARY



## Board of Trustees Meeting Agenda Memo

Date: Tuesday, June 22, 2021

Title: **Shopping Center Lease for Building 1 Unit 6 (Old Veteran's Support Office)**

Section & Item: 12.C

Department: Shopping Center

Fiscal Impact: \$ 7,740.80 Annual Rent, Property Taxes, and CAM minus sales tax

Contact: Charles Henley, Finance Manager, John W. Coffey ICMA-CM, Community Manager

Attachments: Shaw tentative old VA Service Center lease agreement 22June21

Reviewed by

General Counsel: No

Approved by: John W. Coffey, ICMA-CM, Community Manager



### Requested Action by BOT

Consideration of approval of a lease with Shaw Medical for Building #1, Unit #6.

### Background and Summary Information

The old Veteran's Support Office (Building #1, Unit #6) recently became vacant when the former tenant moved to a shared space with the Veteran's Gathering Space in Building 3. Recently staff has been approached by the existing tenant, Shaw Medical, who is interested in leasing the unit. The tentative lease agreement is attached and summarized below:

Lease starts on August 1, 2021

\$10/square foot

4-year lease with 3 5 year renewals

Hence, staff recommends the BOT approve the lease proposal for Building #1, Unit #6 and instruct General Counsel Repperger to draft a formal lease and guaranty (for future BOT approval).



## Barefoot Bay Recreation District

625 Barefoot Boulevard, Administration Building  
Barefoot Bay, FL 32976-9233

Phone 772-664-3141

Fax 772-664-1928

### Tentative Shopping Center Lease Agreement\*

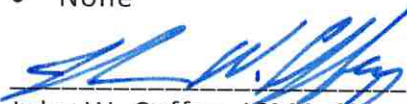
Unit: Old VA (Building 1, Unit 6)

#### Agreed upon terms.

- Lease starts on August 1, 2021
- Lessee shall only operate services related to medical care and treatment. Any other services will require amendment to the lease.
- Rent (including CAM, real estate tax and sales tax) starts on October 1, 2021
- 4-year lease term, with three 5 year term renewals (based on 60 days' notice from both parties)
- \$10/s.f. (based on 590 sq./ft. of space)
  - Security deposit due at signing of lease \$1,290.14 (two times sum of base rent, CAM and real estate taxes)
  - First year (annualized) costs:
    - Base Rent \$5,900.00, CAM \$1,014.80, Real Estate Tax \$826.00, and sales tax
  - At start of second year, annual 2.0% increase in rent. CAM and taxes to be adjusted annually.
  - Upon renewal of lease, annual 2.0% increase in rent will be in effect for each year of the lease.
- Lessee is responsible for obtaining all applicable permits for demo and buildout.
  - Lessee shall provide BBRD plans for all work to modify electrical, HVAC, plumbing and/or structural changes (excluding non-load bearing walls) a minimum of 10 business days prior to commencement of work. BBRD reserves the right to have engineers/licensed trades persons inspect any such work after completion.
- Lessee may erect signage that is in agreement with BBRD requirements. Signage in the window, door and/or façade are permitted with prior approval of BBRD.

#### Terms parties do not agree upon

- None

  
John W. Coffey, ICMA-CM  
BBRD Community Manager

  
Patrick Shaw  
Prospective Lessee

  
Date

  
Date

\* Does not constitute a formal agreement to lease a unit on behalf of Barefoot Bay Recreation District. Signatories simply agree that the above stated terms represent an agreed upon set of terms to present to the BBRD Board of Trustees who have sole authority to award, deny or modify the terms contained herein.

## Board of Trustees

## Meeting Agenda Memo

Date: Tuesday, June 22, 2021

Title: **Shopping Center Electrical Upgrades RFP Evaluation Committee Recommendation**

Section & Item: 12.D

Department: R&M/Capital Projects

Fiscal Impact: \$186,015.00 (FY21 funding of \$101,500.00)

Contact: Jeff Grunow, Trustee, Secretary, Matt Goetz, Property Services Manager, John W. Coffey ICMA-CM, Community Manager

Attachments: 060721 Shopping Center Electrical Upgrade RFP Evaluation Committee meeting minutes, Proposal combined, Proposal Opening Tally sheet 07Jun21

Reviewed by

General

Counsel: N/A

Approved by: John W. Coffey, ICMA-CM, Community Manager



### Requested Action by BOT

Consideration of RFP evaluation committee recommendation.

### Background and Summary Information

The FY21 Revised Budget contains the following budget in the REM/Capital Department for project (originally the project was budgeted as two separate budgeted projects, but later was designed to be executed as a combined project):

\$82,400 Shopping Center Electrical Infrastructure Replacement (originally budgeted in FY19)

\$19,100 Additional Parking Lights at the Shopping Center (originally budgeted in FY18)

\$101,500 Total Budget

The project consists of the implementation of electrical infrastructure upgrades and recommendations as provided in the condition assessment report developed by TLC Engineering Solutions, Inc for Buildings 935 and 937 Barefoot Blvd in Barefoot Bay, FL. Upgrades and modifications will replace aging, deficient, and/or hazardous equipment; increase efficiency and quality of site lighting, while reducing light pollution; provide code required working clearances around electrical equipment; and bring the existing building infrastructure in compliance with current Florida Building Code standards and requirements. This will be accomplished through the replacement of existing aging, deficient, or hazardous electrical panels; replacement of existing and addition of new sight lighting in the parking areas and around the perimeter of the building, and relocation of existing mechanical equipment to provide adequate working clearance for electrical equipment.

The Policy Manual requires a request for proposal (RFP) process be used for any project anticipated to cost over \$50,000. Additionally, the evaluation committee shall consist of three voting members (one Trustee, one employee from the user department and one non-employee resident as selected by the Community Manager) plus two non-voting members (Chairman of the BOT and the Community Manager).

On April 27, 2021, the BOT authorized the re-release of a Request for Proposal for the project (originally released in late March 2021 but inadvertently not properly advertised). On June 7th, the evaluation committee met and opened the following bid:

\$186,015.00 Current Electrical Solutions, Inc. (sub-contractor for the Building A Renovations project)

The evaluation committee reviewed the proposal, staff's perspective about the company's work, and made an unanimous recommendation to recommend the BOT award contract to the firm for the work.

The reader should note the following facts:

- Due to the complexity of the project, staff recommends using TLC as construction administration services (response to permitting questions, response to vendor's questions during the project, review of submittals/shop drawings, and one site inspection per discipline). The cost of said services is currently unknown as the receipt of the proposal is pending. A similar proposal for the re-roofing project cost \$6,800.00
- Sufficient available fund balance is available to cover the budget overage.

If the BOT awards contract to Complete Electrical Solutions, Inc., General Counsel Repperger will commence drafting a contract which will ultimately be brought back to the BOT for formal authorization for Chairman Maino to execute.

Hence, staff recommends the BOT award contract for the Shopping Center electrical upgrades to Complete Electrical Solutions, Inc. in the amount of \$186,015.00.

**Barefoot Bay Recreation District**  
**Shopping Center Electrical Upgrade Evaluation Committee Meeting**  
**Minutes for June 7, 2021**

Committee Member Trustee Maino called meeting to order at 10 a.m.

Committee Chairman Grunow lead Pledge of Allegiance.

**Roll Call**

Present: Committee Member Trustee Maino, Committee Member Trustee Grunow, Committee Member Goetz, Committee Member Klosky, and Committee Member John W. Coffey, ICMA-CM.

Audience: Hurrol Brinker

**Election of Chairman**

Committee Member Goetz nominated Committee Member Trustee Grunow. Approved 3-0.

**Opening of proposals**

- Current Electrical Solutions Inc. \$186,015

**RFP review**

The committee reviewed the one proposal received for the project. There was discussion about the aspects of the project, which will include panels in each unit and outside parking lot lighting upgrades, with two poles relocated, and other poles upgraded with new lighting. The topic of the cost being significantly higher than the engineering studies and cost estimate was reviewed. Mr. Coffey told the committee that the studies had taken place one and a half years ago as well as pre-COVID, and construction costs are now considerably higher.

Committee member Klosky made a motion to send the Current Electrical Solutions Inc. contract proposal to the BOT for approval, seconded by Committee Member Goetz. Motion approved 3-0.

Committee Chairman Grunow canceled the next meeting scheduled for June 14, 2021, as all committee members are in agreement and no further meetings are needed.

Committee member Matt Goetz made a motion to adjourn, seconded by Committee member Klosky, approved 3-0.

Meeting adjourned at 10:40 am.



## SECTION IV

**Re-issued REQUEST FOR PROPOSAL #2021-01**  
**Shopping Center Electrical Upgrades Project**

**Contact Information**

Company Name: Current Electrical Solutions Inc  
 Address: 190 Center St Cape Canaveral FL 32920  
 Point of Contact (name): John A. Marinelli  
 Telephone Number: 321-412-3201  
 E-mail address: current.electrical@yahoo.com  
 Person authorized to submit proposal (name and title): John A. Marinelli: President  
 Signature of person listed immediately above: John A. Marinelli  
 Date: 6-4-2021

**Experience and References**

Number of years company has worked in Brevard County: 11  
 Sub-contractors to be used on project (name, address, telephone number):

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References (name of project, company name, address, telephone number):

NPS Everglades Hurricane Irma Repairs  
GM Hill Engineering  
9640 Sunbeam Center Drive Suite 1  
Rick Jenkins  
321-505-6469

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Prior work for Barefoot Bay Recreation District:

Barefoot Bay Bldg A. Renovations

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**Anticipated start Date and number of days of the project**

Permit application date: 7-12-2021  
 Date of commencement of work: 8-2-2021  
 Number of workdays (excluding weekends): 115



APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF 1 PAGES 2

TO OWNER: Barefoot Bay Recreation District  
Office of the District  
625 Barefoot Bay Blvd.  
Barefoot Bay, FL 32976  
FROM CONTRACTOR: Current Electrical Solutions, Inc.  
190 Center Street  
Cape Canaveral, FL 32920

PROJECT: RFP No. 2021-01  
Shopping Center  
Electrical Upgrades  
Project

VIA ARCHITECT:

PERIOD TO: [Redacted]

PROJECT NOS: [Redacted]

APPLICATION NO: 0

Distribution to:  
☒ OWNER  
☐ ARCHITECT  
☐ CONTRACTOR

CONTRACT FOR: Shopping Center Upgrades

CONTRACT DATE: [Redacted]

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.  
Continuation Sheet, AIA Document G703, is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

1. ORIGINAL CONTRACT SUM \$ 186,015.00

2. Net change by Change Orders \$

3. CONTRACT SUM TO DATE (Line 1 + 2) \$

4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$

5. RETAINAGE:  
a. 10 % of Completed Work (Column D + E on G703) \$  
b. % of Stored Material (Column F on G703) \$  
Total Retainage (Lines 5a + 5b or Total in Column I of G703) \$

6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total) \$

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$

8. CURRENT PAYMENT DUE \$

9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6) \$

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

By: [Redacted] Date: [Redacted]

State of: [Redacted] County of: [Redacted]  
Subscribed and sworn to before me this [Redacted] day of [Redacted]

Notary Public: [Redacted]  
My Commission expires: [Redacted]

AMOUNT CERTIFIED ..... \$

ARCHITECT: [Redacted] Date: [Redacted]

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner			
Total approved this Month			
TOTALS			
NET CHANGES by Change Order			

AIA DOCUMENT G702 - APPLICATION AND CERTIFICATION FOR PAYMENT - 1992 EDITION - AIA - ©1992

Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee.



## AIA DOCUMENT G703

PAGE 2 OF PAGES 2

APPLICATION NO:

APPLICATION DATE:

PERIOD TO:

ARCHITECT'S PROJECT NO.:

[illegible]

Users may obtain validation of this document by requesting of the license a completed AIA Document D401 - Certification of Document's Authenticity

July 2021

July							August						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30	31				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	7/1	2	3

4	5	6	7	8	9	10
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 12a EST. Notice to Proceed RFP No. 2021-01, Shopping Center Electrical Upgrades

Independence Day

Independence Day (O

11	12	13	14	15	16	17
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18	19	20	21	22	23	24
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 12a EST. RFP No. 2021-01, Shopping Center Electrical Upgrades Permit Approval

25	26	27	28	29	30	31
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# August 2021

## August

## September

Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7				1	2	3	4
8	9	10	11	12	13	14	5	6	7	8	9	10	11
15	16	17	18	19	20	21	12	13	14	15	16	17	18
22	23	24	25	26	27	28	19	20	21	22	23	24	25
29	30	31					26	27	28	29	30		

Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday

8/1      2      3      4      5      6      7

 RFP No. 2021-01, Shopping Center Electrical Upgrades Mobilization

8      9      10      11      12      13      14

15      16      17      18      19      20      21

 RFP No. 2021-01, Shopping Center Electrical Upgrades Site Lighting Undergorund

22      23      24      25      26      27      28

29      30      31      9/1      2      3      4

 RFP No. 2021-01, Shopping Center Electrical Upgrades Site Lighting Underground

# September 2021

## September

## October

Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4						1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30			24	25	26	27	28	29	30
							31						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	9/1	2	3	4

 RFP No. 2021-01, Shopping Center Electrical Upgrades Site Lighting Underground

5	6	7	8	9	10	11
	Labor Day					

12	13	14	15	16	17	18
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 RFP No. 2021-01, Shopping Center Electrical Upgrades Gear Replacement

19	20	21	22	23	24	25
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26	27	28	29	30	10/1	2
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 RFP No. 2021-01, Shopping Center Electrical Upgrade Gear Replacement

October 2021

October							November						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	30				
31													

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	10/1	2

 RFP No. 2021-01, Shopping Center Electrical Upgrade Gear Replacement

3	4	5	6	7	8	9
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10	11	12	13	14	15	16
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 RFP No. 2021-01, Shopping Center Electrical Upgrade Gear Replacement

Columbus Day

17	18	19	20	21	22	23
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24	25	26	27	28	29	30
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 RFP No. 2021-01, Shopping Center Electrical Upgrade Gear Replacement

November 2021

November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6				1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30					26	27	28	29	30	31	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31 Halloween	11/1	2 Election Day	3	4	5	6
7	8	9	10	11	12	13
RFP No. 2021-01, Shopping Center Electrical Upgrades Drywall Repairs						
				Veteran's Day		
14	15	16	17	18	19	20
21	22	23	24	25	26	27
RFP No. 2021-01, Shopping Center Electrical Upgrade Pole Replacement						
				Thanksgiving Day	Day After Thanksgivir	
28	29	30	12/1	2	3	4


# December 2021

December							January						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30	31					

Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday

28      29      30      12/1      2      3      4

5      6      7      8      9      10      11

 RFP No. 2021-01, Shopping Center Electrical Upgrade Pole Replacement

12      13      14      15      16      17      18

19      20      21      22      23      24      25

Christmas Eve      Christmas Day

Christmas Holiday (OI)

26      27      28      29      30      31      1/1

New Year's Day (Obse)      New Year's Day

New Year's Eve

# January 2022

January							February						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
						1			1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28					
30	31												

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	1/1
					New Year's Day (Obse New Year's Eve	New Year's Day

2	3	4	5	6	7	8
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 RFP No. 2021-01, Shopping Center Electrical Punch List Week

9	10	11	12	13	14	15
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16	17	18	19	20	21	22
	Martin Luther King D					

23	24	25	26	27	28	29
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30	31	2/1	2	3	4	5
			Groundhog Day			



**Prepared By:**

Kevin Hunnings

CONSOLIDATED ELECTRICAL DIST

khunnings@raybrocc.com

D:3216361646

**Proposal Name:** BBRD 935-937 UPGRADE

**Quote Name:** BBRD 935-937 UPGRADE

**Proposal Number:** P-210427-2287649

**Quote Number:** Q-2488179

**Through Addenda Number:** 0

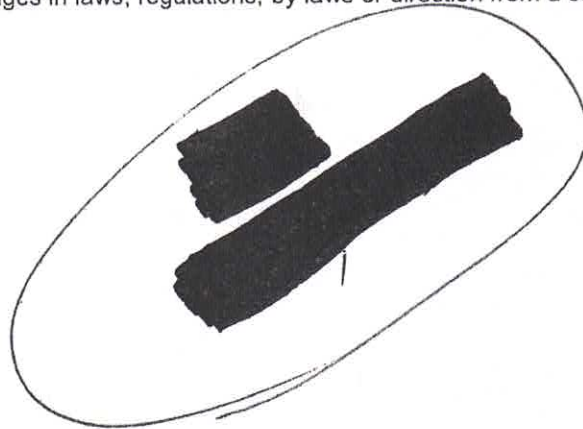
**Sales Representative:** Justin Schneidt

**Conditions of Sale**

*Except as otherwise provided below, this Quotation is subject to Coordinated Project Terms. See <https://www.schneider-electric.us/en/download/document/0100PL0043>*

Notwithstanding any provision to the contrary in the referenced Coordinated Project Terms or any other documentation provided in connection with this proposal, this quote is valid for 30 days. Quoted lead times are approximate and subject to change.

Schneider Electric reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control arising from or due to the current Covid-19 epidemic or events subsequent to this epidemic / pandemic including changes in laws, regulations, by laws or direction from a competent authority.



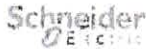
Seq #	Qty	Product Description
1	1	<b>Designation : SHED</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 100A Incoming Conductors: 1 - #6 - 2/0 AWG AL Ground Bar Bus: 100A Rated Copper: Silver/Tin Plated 18 Circuit Interior Type 1,Box: 26H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH26 Front Cat No: NC26S Ref. Drawing: PBA701A <b>Feeders:</b> 1 - 50A/2P QOB 5 - 20A/1P QOB Prepared Space 2 - 20A/1P QOB 1 - 30A/3P QOB <b>Optional Features:</b> Standard Panel (Box Ahead),Standard Solid Neutral,Standard Ground Bar Group User Placement 1 - MH26-PANELBOARD ENCLOSURE  1 - NC26S-NF PANEL TRIM SURF. 20W x 26H, TYPE1

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
2	1	<b>Designation : PO</b> <b>Product Details:</b> 1 - NQ MB Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 22kA Fully Rated Suitable For Use As Service Entrance UL Single Main: 200A/3P QD Circuit Breaker Incoming Conductors: 1 - #4 - 300 kcmil AL Ground Bar Bus: 225A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 3R/5/12Box: 44H x 20W x 6.5D Incoming: Bottom Trim w/ Box Box Cat No: MH44WP Ref. Drawing: PBA711 <b>Feeders:</b> 13 - 20A/1P QOB-VH 2 - 50A/2P QOB-VH 2 - 30A/3P QOB-VH 1 - 20A/1P QOB-VH-GFI 1 - 60A/2P QOB-VH 1 - 30A/2P QOB-VH 2 - 20A/1P QOB-VH Prepared Space <b>Optional Features:</b> Standard Panel (Box Ahead),Standard Solid Neutral,Standard Ground Bar Group User Placement 1 - MH44WP-PANELBOARD ENCLOSURE

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
3	1	<b>Designation : ECB-WEST</b> <b>Product Details:</b> 1 - BDL26030-MOLDED CASE CIRCUIT BRKR 600Y/347V 30A BDL26030 UL/CSA Rated B Frame Termination: Lugs Line/Load Side 2 Pole Device



Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179  
Addendum: 0

Date:

30 Amp Capacity  
600 Vac Rated  
80% Rated - Standard rated  
Interrupting Rating  
25kA @ 240Vac/18kA @ 480Vac/14kA @ 600Vac  
Revision - 4/27/2021 - (S20210415/S20210415)  
4/27/2021 2:52:50 PM  
Source -Selector  
1 - B125RB-MCCB ENCLOSURE TYPE 3R  
  
1 - SN100FA-NEUTRAL ASSEMBLY  
  
1 - PKOGTA2-EQUIP GRD ASSY 240V + 600V 100-200

Seq #	Qty	Product Description
4	4	<p><b>Designation : ECB7,6,5,4</b> <b>Product Details:</b> 4 - QDL32100-Unit Mount MCCB 240 V 100 A QDL32100 UL/CSA Rated PowerPact Q Frame Termination: Lugs Line/Load Side 100 Amp Capacity 208Y120 Vac Rated 3 Pole Device 80% Rated - Standard rated Interrupting Rating 25kA @ 240Vac Revision - 4/27/2021 - (S20210415/S20210415) 4/27/2021 2:54:33 PM Source -Selector 4 - Q23225NRB-ENCLOSURE CIRCUIT BREAKER 240V 225A  4 - PKOGTA2-EQUIP GRD ASSY 240V + 600V 100-200</p>

Seq #	Qty	Product Description
5	1	<p><b>Designation : ECB3</b> <b>Product Details:</b> 1 - QDL32200-Unit Mount MCCB 240 V 200 A QDL32200 UL/CSA Rated PowerPact Q Frame Termination: Lugs Line/Load Side 200 Amp Capacity 208Y120 Vac Rated 3 Pole Device 80% Rated - Standard rated Interrupting Rating 25kA @ 240Vac Revision - 4/27/2021 - (S20210415/S20210415) 4/27/2021 2:56:01 PM Source -Selector 1 - Q23225NRB-ENCLOSURE CIRCUIT BREAKER 240V 225A  1 - PKOGTA2-EQUIP GRD ASSY 240V + 600V 100-200</p>

Seq #	Qty	Product Description
6	1	<p><b>Designation : U7</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 100A Incoming Conductors: 1 - #6 - 2/0 AWG</p>

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Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179

Addendum: 0

Date:

AL Ground Bar  
Bus: 100A Rated Copper: Silver/Tin Plated  
30 Circuit Interior  
Type 1,Box: 32H x 20W x 5.75D  
Incoming: Bottom Trim: Surface with Door  
Box Cat No: MH32 Front Cat No: NC32S  
Ref. Drawing: PBA701A  
Feeders:  
1 - 20A/2P QOB  
7 - 20A/1P QOB  
2 - 15A/1P QOB  
4 - 20A/1P QOB Prepared Space  
1 - 40A/2P QOB  
1 - 30A/3P QOB  
Optional Features:  
Standard Panel (Box Ahead),Standard Solid  
Neutral,Standard Ground Bar  
Group User Placement  
1 - MH32-PANELBOARD ENCLOSURE

1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
7	1	<p><b>Designation : U6</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 100A Incoming Conductors: 1 - #6 - 2/0 AWG AL Ground Bar Bus: 100A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 1,Box: 32H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH32 Front Cat No: NC32S Ref. Drawing: PBA701A Feeders: 6 - 20A/1P QOB 1 - 60A/2P QOB 1 - 30A/1P QOB 8 - 20A/1P QOB Prepared Space 1 - 30A/3P QOB Optional Features: Standard Panel (Box Ahead),Standard Solid Neutral,Standard Ground Bar Group User Placement 1 - MH32-PANELBOARD ENCLOSURE</p> <p>1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H</p>

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
8	1	<p><b>Designation : U5</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 100A Incoming Conductors: 1 - #6 - 2/0 AWG AL Ground Bar Bus: 100A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 1,Box: 32H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH32 Front Cat No: NC32S</p>

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Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179  
Addendum: 0

Date:

Ref. Drawing: PBA701A

**Feeders:**

- 1 - 50A/2P QOB
- 5 - 20A/1P QOB
- 7 - 20A/1P QOB Prepared Space
- 1 - 20A/2P QOB Prepared Space
- 1 - 30A/1P QOB
- 1 - 30A/3P QOB

**Optional Features:**

- Standard Panel (Box Ahead), Standard Solid
- Neutral, Standard Ground Bar
- Group User Placement
- 1 - MH32-PANELBOARD ENCLOSURE

- 1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H

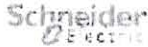
Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
9	1	<b>Designation : U4</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 100A Incoming Conductors: 1 - #6 - 2/0 AWG AL Ground Bar Bus: 100A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 1, Box: 32H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH32 Front Cat No: NC32S Ref. Drawing: PBA701A <b>Feeders:</b> 14 - 20A/1P QOB 1 - 20A/1P QOB Prepared Space 1 - 60A/2P QOB 1 - 30A/3P QOB <b>Optional Features:</b> Standard Panel (Box Ahead), Standard Solid Neutral, Standard Ground Bar Group User Placement 1 - MH32-PANELBOARD ENCLOSURE  1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
10	1	<b>Designation : U3</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 200A Incoming Conductors: 1 - #6 - 350 kcmil AL Ground Bar Bus: 225A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 1, Box: 32H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH32 Front Cat No: NC32S Ref. Drawing: PBA701A <b>Feeders:</b> 1 - 20A/2P QOB 13 - 20A/1P QOB 1 - 30A/2P QOB 1 - 25A/1P QOB 4 - 20A/1P QOB Prepared Space

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Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179  
Addendum: 0

Date:

1 - 60A/2P QOB  
3 - 30A/1P QOB  
1 - 30A/3P QOB  
Optional Features:  
Standard Panel (Box Ahead), Standard Solid  
Neutral, Standard Ground Bar  
Group User Placement  
1 - MH32-PANELBOARD ENCLOSURE

1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
11	1	<b>Designation : ECB-A</b> <b>Product Details:</b> 1 - QBL32100-MOLDED CASE CIRCUIT BREAKER 240V 100A QBL32100 UL/CSA Rated PowerPact Q Frame Termination: Lugs Line/Load Side 100 Amp Capacity 208Y120 Vac Rated 3 Pole Device 80% Rated - Standard rated Interrupting Rating 10kA @ 240Vac Revision - 4/27/2021 - (S20210415/S20210415) 4/27/2021 3:22:26 PM Source -Selector 1 - Q23225NRB-ENCLOSURE CIRCUIT BREAKER 240V 225A  1 - PKOGTA2-EQUIP GRD ASSY 240V + 600V 100-200

Seq #	Qty	Product Description
12	1	<b>Designation : ECB-B</b> <b>Product Details:</b> 1 - QBL32200-MOLDED CASE CIRCUIT BREAKER 240V 200A QBL32200 UL/CSA Rated PowerPact Q Frame Termination: Lugs Line/Load Side 200 Amp Capacity 208Y120 Vac Rated 3 Pole Device 80% Rated - Standard rated Interrupting Rating 10kA @ 240Vac Revision - 4/27/2021 - (S20210415/S20210415) 4/27/2021 3:23:48 PM Source -Selector 1 - Q23225NRB-ENCLOSURE CIRCUIT BREAKER 240V 225A  1 - PKOGTA2-EQUIP GRD ASSY 240V + 600V 100-200

Seq #	Qty	Product Description
13	1	<b>Designation : A</b> <b>Product Details:</b> 1 - NQ MB Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Single Main: 150A/3P QB Circuit Breaker Incoming Conductors: 1 - #4 - 300 kcmil AL Ground Bar Bus: 225A Rated Copper: Silver/Tin Plated 54 Circuit Interior

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Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179  
Addendum: 0

Date:

Type 1,Box: 50H x 20W x 5.75D  
Incoming: Top Trim: Surface with Door  
Box Cat No: MH50 Front Cat No: NC50S  
Ref. Drawing: PBA707A  
Feeders:  
4 - 30A/1P QOB  
26 - 20A/1P QOB  
1 - 30A/2P QOB  
9 - 20A/1P QOB Prepared Space  
2 - 60A/1P QOB  
1 - 50A/2P QOB  
1 - 60A/2P QOB  
2 - 20A/2P QOB  
1 - 30A/3P QOB  
Optional Features:  
Standard Panel (Box Ahead),Standard Solid  
Neutral,Standard Ground Bar  
Group User Placement  
1 - MH50-PANELBOARD ENCLOSURE  
  
1 - NC50S-PANELBOARD TRIM

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
14	1	<p><b>Designation : B</b> <b>Product Details:</b> 1 - NQ MB Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Single Main: 200A/3P QB Circuit Breaker Incoming Conductors: 1 - #4 - 300 kcmil AL Ground Bar Bus: 225A Rated Copper: Silver/Tin Plated 42 Circuit Interior Type 1,Box: 50H x 20W x 5.75D Incoming: Top Trim: Surface with Door Box Cat No: MH50 Front Cat No: NC50S Ref. Drawing: PBA707A Feeders: 18 - 20A/1P QOB 2 - 25A/1P QOB 1 - 60A/3P QOB 6 - 30A/1P QOB 5 - 20A/1P QOB Prepared Space 2 - 40A/1P QOB 1 - 15A/1P QOB 1 - 70A/2P QOB 1 - 30A/3P QOB Optional Features: Standard Panel (Box Ahead),Standard Solid Neutral,Standard Ground Bar Group User Placement 1 - MH50-PANELBOARD ENCLOSURE  1 - NC50S-PANELBOARD TRIM</p>

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
15	1	<p><b>Designation : B2</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 60A Incoming Conductors: 1 - #6 - 2/0 AWG AL Ground Bar Bus: 100A Rated Copper: Silver/Tin Plated</p>

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Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179  
Addendum: 0

Date:

30 Circuit Interior  
Type 1,Box: 32H x 20W x 5.75D  
Incoming: Top Trim: Surface with Door  
Box Cat No: MH32 Front Cat No: NC32S  
Ref. Drawing: PBA701A  
Feeders:  
16 - 20A/1P QOB  
5 - 20A/1P QOB Prepared Space  
1 - 30A/3P QOB  
Optional Features:  
Standard Panel (Box Ahead),Standard Solid  
Neutral,Standard Ground Bar  
Group User Placement  
1 - MH32-PANELBOARD ENCLOSURE

1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

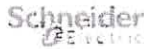
Seq #	Qty	Product Description
16	1	<p><b>Designation : C</b> <b>Product Details:</b> 1 - NF ML Panel (INTERIOR)-NF Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 400A Incoming Conductors: 1 - 1/0 - 750, (2) 1/0 - 350 kcmil AL Ground Bar Bus: 400A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 3R/5/12Box: 68H x 20W x 6.5D Incoming: Bottom Trim w/ Box Box Cat No: MH68WP Ref. Drawing: PBA555 Feeders: 1 - Sub-Feed One: 225A/3P JD 3 - 20A/1P EDB 1 - 45A/2P EDB 5 - 20A/1P EDB Prepared Space 1 - 50A/2P EDB 1 - 30A/3P EDB Optional Features: Standard Panel (Box Ahead),Standard Solid Neutral,Standard Ground Bar Group User Placement 1 - MH68WP-PANELBOARD ENCLOSURE</p>

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
17	1	<p><b>Designation : C2</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 225A Incoming Conductors: 1 - #6 - 350 kcmil AL Ground Bar Bus: 225A Rated Copper: Silver/Tin Plated 42 Circuit Interior Type 1,Box: 38H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH38 Front Cat No: NC38S Ref. Drawing: PBA701A Feeders: 3 - 50A/2P QOB 2 - 40A/2P QOB 3 - 20A/2P QOB</p>

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Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179

Addendum: 0

Date:

10 - 20A/1P QOB  
4 - 20A/1P QOB Prepared Space  
2 - 30A/2P QOB  
1 - 30A/1P QOB  
1 - 25A/2P QOB  
1 - 60A/2P QOB  
1 - 30A/3P QOB  
Optional Features:  
Standard Panel (Box Ahead), Standard Solid  
Neutral, Standard Ground Bar  
Group User Placement  
1 - MH38-PANELBOARD ENCLOSURE  
  
1 - NC38S-20 X 38 SURFACE TRIM

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
18	1	<p><b>Designation :</b> MDU1 <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 22kA Fully Rated Main Lug Only: 400A Incoming Conductors: 1 - 1/0 - 750, (2) 1/0 - 350 kcmil AL Ground Bar Bus: 400A Rated Copper: Silver/Tin Plated 42 Circuit Interior Type 1, Box: 74H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH74 Front Cat No: NC74VS Ref. Drawing: PBA709A Feeders: 1 - Sub-Feed One: 150A/3P QD 1 - Sub-Feed Two: 150A/3P QD 1 - 20A/2P QOB-VH 3 - 30A/2P QOB-VH 2 - 30A/3P QOB-VH 1 - 50A/3P QOB-VH 8 - 20A/1P QOB-VH Prepared Space 1 - 20A/1P QOB-VH 4 - 40A/2P QOB-VH 1 - 15A/2P QOB-VH Optional Features: Standard Panel (Box Ahead), Standard Solid Neutral, Standard Ground Bar Group User Placement 1 - MH74-PANELBOARD ENCLOSURE  1 - NC74VS-NF PNL TRIM SF. 20W x 74H, TYPE1 VENTED</p>

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
19	1	<p><b>Designation :</b> MDU2 <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 22kA Fully Rated Main Lug Only: 400A Incoming Conductors: 1 - 1/0 - 750, (2) 1/0 - 350 kcmil AL Ground Bar Bus: 400A Rated Copper: Silver/Tin Plated 42 Circuit Interior Type 1, Box: 50H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH50 Front Cat No: NC50VS</p>

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Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179  
Addendum: 0  
Date:

Ref. Drawing: PBA709A

**Feeders:**

28 - 20A/1P QOB-VH  
1 - 40A/2P QOB-VH  
2 - 30A/2P QOB-VH  
3 - 20A/1P QOB-VH Prepared Space  
1 - 60A/2P QOB-VH  
1 - 30A/3P QOB-VH

**Optional Features:**

Standard Panel (Box Ahead), Standard Solid  
Neutral, Standard Ground Bar  
Group User Placement  
1 - MH50-PANELBOARD ENCLOSURE

1 - NC50VS-PANELBOARD COVER/TRIM NF TYPE 1 VS 50H

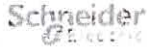
Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
20	1	<p><b>Designation : AS</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 22kA Fully Rated Main Lug Only: 150A Incoming Conductors: 1 - #6 - 350 kcmil AL Ground Bar Bus: 225A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 1, Box: 32H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH32 Front Cat No: NC32S Ref. Drawing: PBA701A <b>Feeders:</b> 23 - 20A/1P QOB-VH 1 - 30A/3P QOB-VH 1 - 30A/2P QOB-VH 1 - 20A/2P QOB-VH <b>Optional Features:</b> Standard Panel (Box Ahead), Standard Solid Neutral, Standard Ground Bar Group User Placement 1 - MH32-PANELBOARD ENCLOSURE</p> <p>1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H</p>

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

Seq #	Qty	Product Description
21	1	<p><b>Designation : UC</b> <b>Product Details:</b> 1 - NQ ML Panel (INTERIOR)-NQ Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Main Lug Only: 150A Incoming Conductors: 1 - #6 - 350 kcmil AL Ground Bar Bus: 225A Rated Copper: Silver/Tin Plated 30 Circuit Interior Type 1, Box: 32H x 20W x 5.75D Incoming: Bottom Trim: Surface with Door Box Cat No: MH32 Front Cat No: NC32S Ref. Drawing: PBA701A <b>Feeders:</b> 12 - 20A/1P QOB 1 - 50A/2P QOB 1 - 30A/3P QOB 3 - 30A/1P QOB <b>Optional Features:</b></p>

PRINTED : 6/2/2021 3:50 PM



Proposal Name: BBRD 935-937 UPGRADE  
Quote Name: BBRD 935-937 UPGRADE

Quote Number: Q-2488179

Addendum: 0

Date:

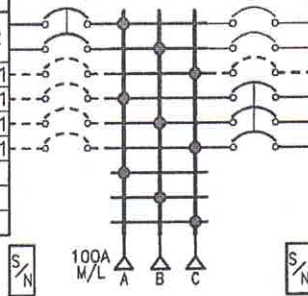
Standard Panel (Box Ahead), Standard Solid  
Neutral, Standard Ground Bar  
Group User Placement  
1 - MH32-PANELBOARD ENCLOSURE

1 - NC32S-PANELBOARD COVER/TRIM NF TYPE 1 S 32H

Estimated days to ship, excluding transit: 14 working days after customer release to manufacturer. See Conditions of Sale.

REV	DESCRIPTION	BY	DATE	--	----	--	---/---/---
-	----	--	---/---/---	-	----	--	---/---/---

CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	50/2		20/1	QOB		2
3					20/1	QOB		4
5	PREPARED SPACE	QOB	20/1		20/1	QOB	PREPARED SPACE	6
7	PREPARED SPACE	QOB	20/1					8
9	PREPARED SPACE	QOB	20/1		30/3	QOB		10
11	PREPARED SPACE	QOB	20/1					12
13	BLANK						BLANK	14
15	BLANK						BLANK	16
17	BLANK						BLANK	18



## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC26S  
BOX CAT#: MH26

DIMENSIONS:

26"(660mm)Hx20"(508mm)Wx5.75"(146mm)D

WIRE BENDING SPACE:

TOP - 3.25"(83)mm  
BOTTOM - 9.6"(244)mm  
SIDE - 6.13"(156)mm

PBA: 701A

BUSSING: 100A RATED COPPER BUS  
Silver/Tin Plated

OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 100A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 100A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs:1 - #6 - 2/0 AWG

-----BRANCH SUMMATION-----

1 - 50A/2P QOB                      5 - 20A/1P-PS QOB  
2 - 20A/1P QOB                      1 - 30A/3P QOB

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	SHED
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68281856-01

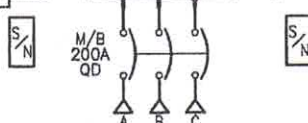


PG 1 OF 1 REV -



REV	DESCRIPTION	BY	DATE	--	----	--	----
--	----	--	----	--	----	--	----

CKT NO	ACCESSORIES	TYPE	RATING AMP/P	RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB-VH	20/1	20/1	QOB-VHGF		2
3		QOB-VH	20/1	20/1	QOB-VH		4
5		QOB-VH	20/1	20/1	QOB-VH		6
7		QOB-VH	20/1	20/1	QOB-VH		8
9		QOB-VH	20/1	50/2	QOB-VH		10
11		QOB-VH	20/1	60/2	QOB-VH		12
13		QOB-VH	20/1	30/2	QOB-VH		14
15		QOB-VH	20/1	20/1	QOB-VH	PREPARED SPACE	16
17		QOB-VH	20/1	20/1	QOB-VH	PREPARED SPACE	18
19		QOB-VH	20/1	30/3	QOB-VH		20
21		QOB-VH	50/2				22
23		QOB-VH	30/3				24
25		QOB-VH					26
27		QOB-VH					28
29		QOB-VH					30



## PHYSICAL DATA

UL Service Entrance  
ENCLOSURE Type 3R/5/12  
FRONT CAT#: Trim w/Box  
BOX CAT#: MH44WP

DIMENSIONS:  
44"(1118mm)Hx20"(508mm)Wx6.5"(165mm)D

WIRE BENDING SPACE:  
TOP - 5"(127)mm  
BOTTOM - 10.47"(267)mm  
SIDE - 6.13"(156)mm

PBA: 711

BUSSING: 225A RATED COPPER BUS  
Silver/Tin Plated

OPTIONAL FEATURES:  
GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz  
System Ampacity: 200A  
22kA SYMS. SCCR

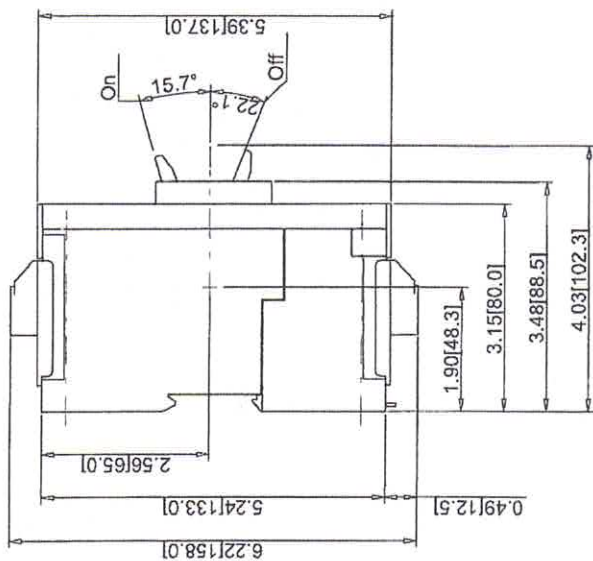
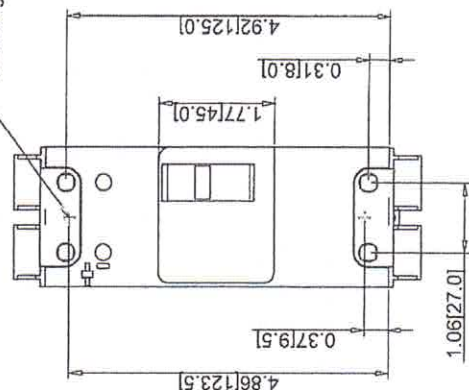
MAIN: MAIN BREAKER QD 200A  
Bottom FEED  
25kA AIR  
INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:  
Wire Bending Space:  
Phase Lugs:1 - #4 - 300 kcmil

-----BRANCH SUMMATION-----

13 - 20A/1P QOB-VH	2 - 50A/2P QOB-VH
2 - 30A/3P QOB-VH	1 - 20A/1P QOB-VHGF
1 - 60A/2P QOB-VH	1 - 30A/2P QOB-VH
2 - 20A/1P-PS QOB-VH	

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	P0
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68282619-01

2xø0.17[4.2]  
Mounting hole



Note:  
- Drawings Not To Scale  
- Drawings Subject to Change Without Notice  
- Dimensions are inches next to [Millimeters]

Part No.:

**BDL26030**



Schneider Electric United States  
North American Division  
Boston One Campus  
800 Federal Street  
Andover, MA 01810, USA  
Phone: +1 877 342 5173  
Email: CCC@us.schneider-electric.com

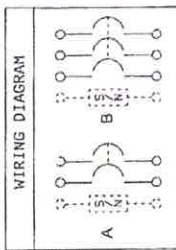
**Schneider Electric**

Technical Information:

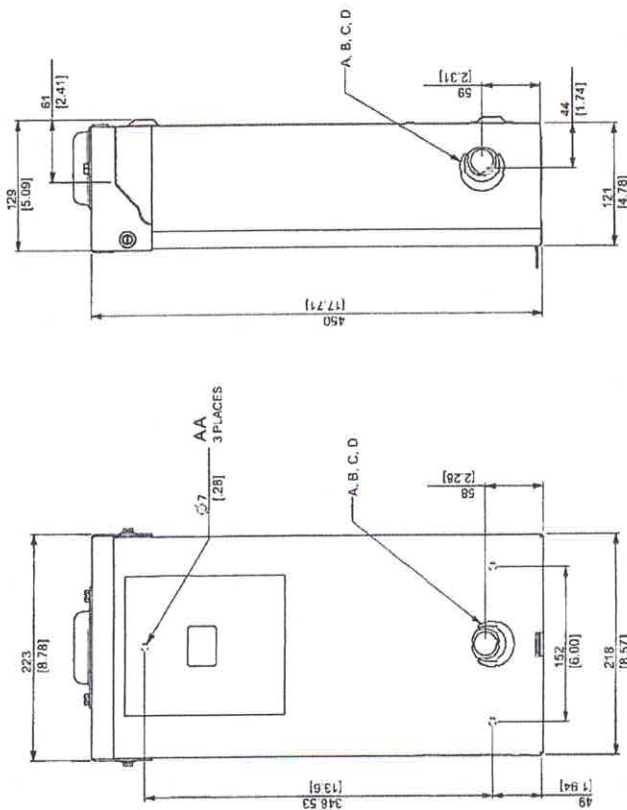
General Application: Provides overload and short circuit protection  
Approvals: UL Listed - CSA Certified - IEC Rated  
Mounting Type: Unit Mount  
Terminal Type: ON end: EverLink Lugs / OFF end: EverLink Lugs  
Weight: 2  
Depth: 4.01  
Height: 6.22  
Width: 6.22  
Mounting Height:

Specification:

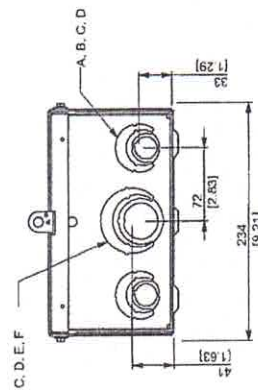
Description: PowerPact B-Frame Thermal Magnetic Circuit Breaker  
Number of Poles: 2-Pole  
Ampere Rating: 600Y VAC  
Voltage Rating: 25kA at 240VAC 18kA at 480VAC 14kA at 600Y/347VAC  
Interrupting Rating: 80% Rated  
Circuit Breaker Rating: Hold: 400A - Trip: 600A  
Fixed AC Magnetic Trip:



HUB NOTE: TOP OF NEMA/EEMAC TYPE 3R ENCLOSURE HAS PROVISIONS FOR MAXIMUM 2.50 BOLT-ON HUB



B125RB  
NEMA/EEMAC TYPE 3R



NOTES:  
FINISH - GRAY BAKED POWDER COAT OVER CLEANED GALVANNEAL STEEL.  
UL / CULUS LISTED - FILE E-136861  
SUITABLE FOR USE AS SERVICE EQUIPMENT. (CB125NRB IN CANADA - CUL).  
NEUTRAL - INSULATED GROUNDABLE.  
CB125NRB IS EQUIPPED WITH SEALING PROVISIONS AND CONTAINS FACTORY INSTALLED AND BONDED SN180FA NEUTRAL AND  
IS SUITABLE FOR USE AS SERVICE EQUIPMENT IN CANADA.  
THE SHORT CIRCUIT CURRENT RATING OF THIS ENCLOSED CIRCUIT BREAKER IS EQUAL TO THE INTERRUPTING  
RATING, AT THE SUPPLY VOLTAGE MARKED ON THE CIRCUIT BREAKER INSTALLED.  
ENCLOSURES ACCEPT STANDARD 80°C RATED OR 100% RATED CIRCUIT BREAKERS. WHEN USING 100% RATED CIRCUIT  
BREAKERS USE ONLY WITH 90°C (MIN) RATED WIRE SIZED PER AMPACITY OF 75°C RATED CONDUCTOR.

KNOCKOUTS		
SYMBOL	CONDUIT SIZE	DIAMETER
A	1/2 IN	13
B	3/4 IN	19
C	1 IN	25
D	1 1/4 IN	32
E	1 1/2 IN	38
F	2 IN	51

CIRCUIT BREAKER TERMINAL LUG DATA			
CIRCUIT BREAKER CATALOG NO. PREFIX	AMPERE RATING	CONDUCTORS PER PHASE	WIRE SIZE (AWG) (mm <sup>2</sup> )
			MAX. MIN.
BD	15 - 125	1	#14 2.5
BG	15 - 125	1	#14 2.5
BJ	15 - 125	1	#14 2.5
BK	15 - 30	1	#14 2.5

FIELD INSTALLABLE NEUTRAL ASSEMBLY AND GROUND KIT Ø			
CATALOG NUMBER	MAXIMUM AMPERE RATING	NUMBER OF TERMINALS	WIRE SIZE (AWG) MIN. MAX. TYPE
SN100FA	15 - 100A	2 1 - IN 1 - OUT	#12 AL #10 CU
SN225KA	110 - 125A	2 1 - IN 1 - OUT	#12 AL #10 CU
Ø PK0GTA2	-	2 1 - IN 1 - OUT	#10 AL #10 CU

FIELD INSTALLED CIRCUIT BREAKER DATA #			
CIRCUIT BREAKER CATALOG NO. PREFIX	WIRING DIAGRAM	AMPERE RATING	UL LISTED INTERRUPTING RATING RMS SYMMETRICAL AMPERES (KA)
			Vac Vdc
BD	A	15 - 125	240 480/277 480 600/347 250
BG	B	15 - 125	25 18 18 14 10
BJ	A	15 - 125	25 18 18 14 10
BK	B	15 - 125	25 18 18 14 10

DUAL DIMENSIONS: MILLIMETERS [INCHES]

**SQUARE D**

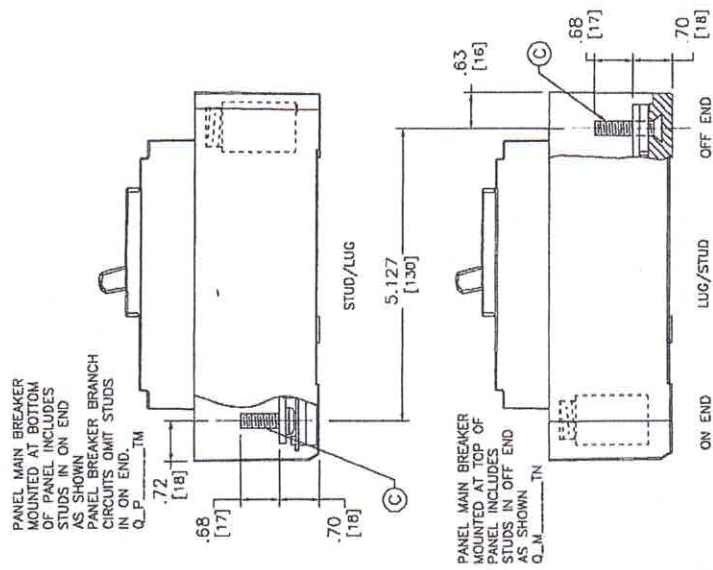
CIRCUIT BREAKER ENCLOSURES  
15 - 125 AMPERE  
NEMA/EEMAC TYPE 3R RAINPROOF ENCLOSURE

by **Schneider Electric**  
PWCCB-ENCCB-0020

ENCLOSURE ENCCB-0020

MAY 2019





- (A) MOUNTING HOLES FOR  
MOUNTING SCREW 48920-012-02  
8-32 x 3.062 UNC
- (B) MOUNTING HOLES FOR  
MOUNTING SCREW 48920-012-01  
8-32 x 2.062 UNC
- (C) STUD IS 1/4-20 UNC

**BREAKER MOUNTING TYPES:**

Q-L22070 THROUGH Q-L32250: FLAT PAN MOUNTED, LUGS BOTH ENDS.  
Q-P322070 THROUGH Q-P32250: FLAT PAN MOUNTED, LUGS OFF END.  
Q-M22070TIN THROUGH Q-M32250TIN: LINE TERMINAL TAPPED (NO STUDS) ON END.  
Q-P22070TIN THROUGH Q-P32250TIN: FLAT PAN MOUNTED, LUGS ON END.  
Q-P22070TM THROUGH Q-P32250TM: LUGS OFF END, MOUNTED AT TOP OF PANEL.  
Q-F22070TS THROUGH Q-F32250TS: FLAT PAN MOUNTED, STUDS BOTH ENDS.  
Q-P22070TP THROUGH Q-P32250TP: FLAT PAN MOUNTED, LUGS OFF END.  
STUDS ON END (NO NUT/WASHER).

DUAL DIMENSIONS: INCHES  
[MILLIMETERS]

POWERPACT 250AMP  
Q-FRAME  
UNIT MOUNT  
2 AND 3 POLE  
MOLDED CASE CIRCUIT BREAKER

**SQUARE D**  
Schneider Electric

DWC# 48996-020-01  
NO.

WAS 48096-015-01

QDL 32100  
QDL 32200

NOVEMBER 2003



REV	DESCRIPTION	BY	DATE	--	----	--	--/---/---
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CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	20/2		40/2	QOB		2
3		QOB	20/1		20/1	QOB		4
5		QOB	20/1		20/1	QOB		6
7		QOB	20/1		20/1	QOB		8
9		QOB	20/1		20/1	QOB		10
11		QOB	15/1		15/1	QOB		12
13		QOB	20/1		20/1	QOB	PREPARED SPACE	14
15	PREPARED SPACE	QOB	20/1		30/3	QOB		16
17	PREPARED SPACE	QOB	20/1					18
19	PREPARED SPACE	QOB	20/1					20
21	BLANK						BLANK	22
23	BLANK						BLANK	24
25	BLANK						BLANK	26
27	BLANK						BLANK	28
29	BLANK						BLANK	30

## PHYSICAL DATA

### ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC32S  
BOX CAT#: MH32

### DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 3.25"(83)mm  
BOTTOM - 9.6"(244)mm  
SIDE - 6.13"(157)mm

PBA: 701A

BUSSING: 100A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 100A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 100A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs: 1 - #6 - 2/0 AWG

-----BRANCH SUMMATION-----

1 - 20A/2P QOB	7 - 20A/1P QOB
2 - 15A/1P QOB	4 - 20A/1P-PS QOB
1 - 40A/2P QOB	1 - 30A/3P QOB

JOB NAME: BBRD 935-937 UPGRADE

JOB LOCATION:

DRAWN BY: (Q2C)

ENGR:

DATE: June 02 2021

DRAWING STATUS: QUOTE

EQUIPMENT DESIGNATION: U7

EQUIPMENT TYPE: NQ (Circuit Breaker Type) PANEL 1 OF 1

DRAWING TYPE: ONE LINE DIAGRAM



DWG# 0Q-2488179-68283953-01

PG 1 OF 1 REV -

REV	DESCRIPTION	BY	DATE	---	---	---	---
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CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	20/1		20/1	QOB		2
3		QOB	60/2		20/1	QOB		4
5		QOB	20/1		20/1	QOB		6
7		QOB	20/1		20/1	QOB		8
9		QOB	30/1		20/1	QOB	PREPARED SPACE	10
11	PREPARED SPACE	QOB	20/1		20/1	QOB	PREPARED SPACE	12
13	PREPARED SPACE	QOB	20/1		20/1	QOB	PREPARED SPACE	14
15	PREPARED SPACE	QOB	20/1		20/1	QOB		16
17	PREPARED SPACE	QOB	20/1		30/3	QOB		18
19	PREPARED SPACE	QOB	20/1					20
21	BLANK						BLANK	22
23	BLANK						BLANK	24
25	BLANK						BLANK	26
27	BLANK						BLANK	28
29	BLANK						BLANK	30

## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door

FRONT CAT#: NC32S

BOX CAT#: MH32

DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

WIRE BENDING SPACE:

TOP - 3.25"(83)mm

BOTTOM - 9.6"(244)mm

SIDE - 6.13"(157)mm

PBA: 701A

BUSSING: 100A RATED COPPER BUS

Silver/Tin Plated

OPTIONAL FEATURES:

GROUP USER PLACEMENT

ALUMINUM SOLID NEUTRAL

ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 100A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 100A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs:1 - #6 - 2/0 AWG

-----BRANCH SUMMATION-----

6 - 20A/1P QOB

1 - 60A/2P QOB

1 - 30A/1P QOB

8 - 20A/1P-PS QOB

1 - 30A/3P QOB

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	U6
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68284349-01

PG 1 OF 1 REV -



REV	DESCRIPTION	BY	DATE	--	----	--	----	----
--	----	--	----	--	----	--	----	----

CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	50/2		20/2	QOB	PREPARED SPACE	2
3		QOB	20/1		20/1	QOB		4
5		QOB	20/1		20/1	QOB		6
7	PREPARED SPACE	QOB	20/1		20/1	QOB		8
9	PREPARED SPACE	QOB	20/1		30/1	QOB		10
11	PREPARED SPACE	QOB	20/1		20/1	QOB		12
13	PREPARED SPACE	QOB	20/1		20/1	QOB		14
15	PREPARED SPACE	QOB	20/1		30/3	QOB		16
17	PREPARED SPACE	QOB	20/1					18
19	PREPARED SPACE	QOB	20/1					20
21	BLANK						BLANK	22
23	BLANK						BLANK	24
25	BLANK						BLANK	26
27	BLANK						BLANK	28
29	BLANK						BLANK	30

## PHYSICAL DATA

### ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC32S  
BOX CAT#: MH32

### DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 3.25"(83)mm  
BOTTOM - 9.6"(244)mm  
SIDE - 6.13"(157)mm

PBA: 701A

BUSSING: 100A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 100A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 100A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs:1 - #6 - 2/0 AWG

-----BRANCH SUMMATION-----

1 - 50A/2P QOB  
7 - 20A/1P-PS QOB  
1 - 30A/1P QOB  
5 - 20A/1P QOB  
1 - 20A/2P-PS QOB  
1 - 30A/3P QOB

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	U5
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68284761-01



PG 1 OF 1 REV -

REV	DESCRIPTION	BY	DATE	---	----	---	---	---
---	-----	---	---/---/---	---	-----	---	---	---

CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	20/1		20/1	QOB		2
3		QOB	20/1		20/1	QOB		4
5		QOB	20/1		20/1	QOB		6
7		QOB	20/1		20/1	QOB		8
9		QOB	20/1		20/1	QOB		10
11		QOB	20/1		20/1	QOB		12
13		QOB	20/1		60/2	QOB		14
15		QOB	20/1		30/3	QOB		16
17		QOB	20/1					18
19	PREPARED SPACE	QOB	20/1					20
21	BLANK						BLANK	22
23	BLANK						BLANK	24
25	BLANK						BLANK	26
27	BLANK						BLANK	28
29	BLANK						BLANK	30

## PHYSICAL DATA

### ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC32S  
BOX CAT#: MH32

### DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 3.25"(83)mm  
BOTTOM - 9.6"(244)mm  
SIDE - 6.13"(157)mm

PBA: 701A

BUSSING: 100A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 100A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 100A

Bottom FEED

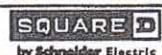
INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs: 1 - #6 - 2/0 AWG

-----BRANCH SUMMATION-----  
14 - 20A/1P QOB 1 - 20A/1P-PS QOB  
1 - 60A/2P QOB 1 - 30A/3P QOB

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	U4
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68286253-01



PG 1 OF 1 REV -



REV	DESCRIPTION	BY	DATE	---	---	---	---
---	---	---	---	---	---	---	---

CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	20/2		60/2	QOB		2
3		QOB	20/1		20/1	QOB		4
5		QOB	20/1		20/1	QOB		6
7		QOB	20/1		20/1	QOB		8
9		QOB	20/1		20/1	QOB		10
11		QOB	20/1		20/1	QOB		12
13		QOB	20/1		20/1	QOB		14
15		QOB	30/2		20/1	QOB		16
17		QOB	25/1		30/1	QOB		18
19		QOB	20/1		30/1	QOB		20
21		QOB	20/1		20/1	QOB		22
23	PREPARED SPACE	QOB	20/1		30/1	QOB		24
25	PREPARED SPACE	QOB	20/1		30/3	QOB		26
27	PREPARED SPACE	QOB	20/1					28
29	PREPARED SPACE	QOB	20/1					30

## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC32S  
BOX CAT#: MH32

### DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 5"(127)mm  
BOTTOM - 9.26"(235)mm  
SIDE - 6.13"(162)mm

PBA: 701A

BUSSING: 225A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 200A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 200A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs:1 - #6 - 350 kcmil

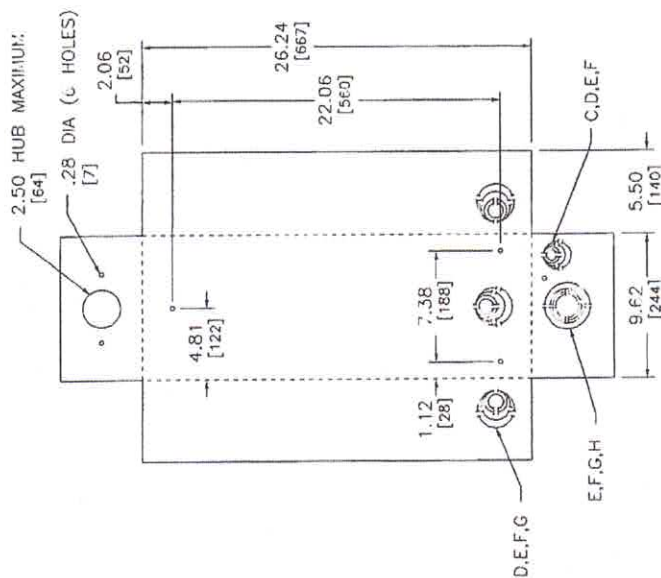
### -----BRANCH SUMMATION-----

1 - 20A/2P QOB	13 - 20A/1P QOB
1 - 30A/2P QOB	1 - 25A/1P QOB
4 - 20A/1P-PS QOB	1 - 60A/2P QOB
3 - 30A/1P QOB	1 - 30A/3P QOB

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	U3
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68286851-01

PG 1 OF 1 REV -

KNOCKOUTS							
SYMBOL	C	D	E	F	G	H	
IN	1.00	1.25	1.50	2.00	2.50	3.00	
MM	25	32	38	51	64	75	



NOTES:  
 FINISH - GRAY BAKED ENAMEL ELECTRODEPOSITED OVER CLEANED PHOSPHATIZED STEEL.  
 UL LISTED - FILE E-136651  
 NEUTRALS - INSULATED GROUNDABLE.  
 EQUIPMENT GROUND KIT FACTORY INSTALLED.  
 ENCLOSURES WITH SUFFIX "C" IN CATALOG NUMBER HAVE NEUTRAL BONDED TO ENCLOSURE  
 AND INTENDED FOR USE IN CANADA.  
 C.A. CERTIFIED - FILE #LL-53057  
 WHEN INSTALLED IN ENCLOSURES THE MAXIMUM AIR IS 15,000 AT 240V AND 100,000 AT 208V.  
 SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT.

DUAL DIMENSIONS: INCHES  
MILLIMETERS

SERVICE	AMPERE RATING	RAINPROOF NEMA TYPE 3R	CIRCUIT BREAKER (ORDER SEPARATELY)	NEUTRAL ASSEMBLY TERMINAL LUG WIRE SIZE AWG/KCMIL	
				NEUTRAL TERMINAL	GROUNDING TERMINAL
TWO POLE [Symbol] 240V AC	70-225A	02-32-SNRB	UL LISTED INTERRUPTING RATING RMS SYM AMPERES 10,000 25,000 65,000 100,000	#4-300 #1/CU	#12-1/0 AL OR #14-1/0 CU
THREE POLE [Symbol] 240V AC					

**SQUARED**  
by Schneider Electric

CIRCUIT BREAKER ENCLOSURE  
70-225 AMPERE  
NEMA/IEEE-C TYPE 3R RAINPROOF ENCLOSURE

FIG# 3288  
NO.





REV	DESCRIPTION	BY	DATE	---	---	---	---
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CKT NO	ACCESSORIES	TYPE	RATING AMP/P	S/N	M/B 150A QB	S/N	RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	30/1				60/1	QOB		2
3		QOB	30/1				60/1	QOB		4
5		QOB	20/1				50/2	QOB		6
7		QOB	20/1							8
9		QOB	20/1				60/2	QOB		10
11		QOB	20/1							12
13		QOB	20/1				20/2	QOB		14
15		QOB	20/1				20/1	QOB		16
17		QOB	20/1				20/1	QOB		18
19		QOB	20/1				20/1	QOB		20
21		QOB	20/1				20/1	QOB		22
23		QOB	20/1				20/1	QOB		24
25		QOB	20/1				20/1	QOB		26
27		QOB	20/1				20/1	QOB		28
29		QOB	20/1				20/1	QOB		30
31		QOB	20/1				20/1	QOB		32
33		QOB	20/1				20/1	QOB		34
35		QOB	30/1				20/2	QOB		36
37		QOB	30/1							38
39		QOB	30/2				20/1	QOB		40
41							20/1	QOB	PREPARED SPACE	42
43		QOB	20/1				20/1	QOB	PREPARED SPACE	44
45	PREPARED SPACE	QOB	20/1				20/1	QOB	PREPARED SPACE	46
47	PREPARED SPACE	QOB	20/1				20/1	QOB	PREPARED SPACE	48
49	PREPARED SPACE	QOB	20/1							50
51	PREPARED SPACE	QOB	20/1				30/3	QOB		52
53	PREPARED SPACE	QOB	20/1							54

## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC50S  
BOX CAT#: MH50

### DIMENSIONS:

50"(1270mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 10.47"(267)mm  
BOTTOM - 5"(127)mm  
SIDE - 6.13"(156)mm

PBA: 707A

BUSSING: 225A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 150A  
10kA SYMS. SCCR

MAIN: MAIN BREAKER QB 150A

Top FEED

10kA AIR

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

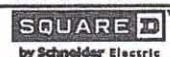
Wire Bending Space:

Phase Lugs: 1 - #4 - 300 kcmil

-----BRANCH SUMMATION-----

4 - 30A/1P QOB	26 - 20A/1P QOB
1 - 30A/2P QOB	9 - 20A/1P-PS QOB
2 - 60A/1P QOB	1 - 50A/2P QOB
1 - 60A/2P QOB	2 - 20A/2P QOB
1 - 30A/3P QOB	

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	A
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68290854-01



PG 1 OF 1 REV -



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REV	DESCRIPTION	BY	DATE	---	---	---	---
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CKT NO	ACCESSORIES	TYPE	RATING AMP/P	S/N	60A M/L	A	B	C	S/N	RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	20/1							20/1	QOB		2
3		QOB	20/1							20/1	QOB		4
5		QOB	20/1							20/1	QOB		6
7		QOB	20/1							20/1	QOB		8
9		QOB	20/1							20/1	QOB		10
11		QOB	20/1							20/1	QOB		12
13		QOB	20/1							20/1	QOB		14
15		QOB	20/1							20/1	QOB		16
17	PREPARED SPACE	QOB	20/1							20/1	QOB	PREPARED SPACE	18
19	PREPARED SPACE	QOB	20/1										20
21	PREPARED SPACE	QOB	20/1							30/3	QOB		22
23	PREPARED SPACE	QOB	20/1										24
25	BLANK											BLANK	26
27	BLANK											BLANK	28
29	BLANK											BLANK	30

## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC32S  
BOX CAT#: MH32

### DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 9.6"(244)mm  
BOTTOM - 3.25"(83)mm  
SIDE - 6.13"(157)mm

PBA: 701A

BUSSING: 100A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 60A  
10kA SYMS. SCCR

MAIN: MAIN LUGS : 60A

Top FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs:1 - #6 - 2/0 AWG

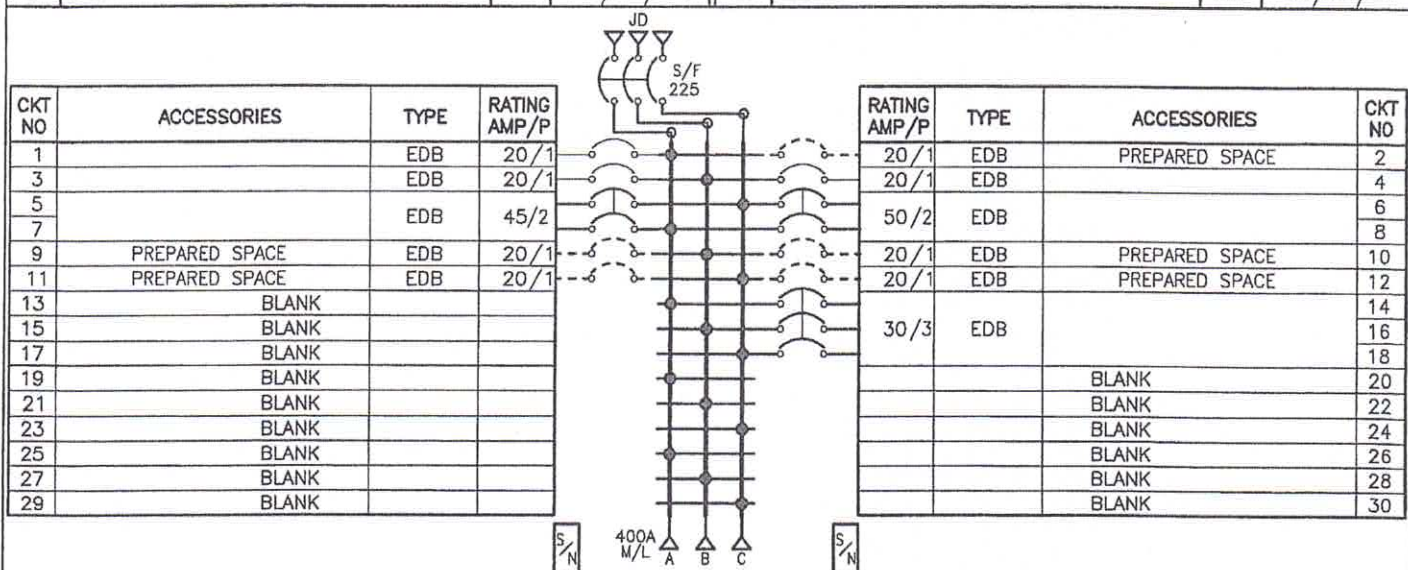
-----BRANCH SUMMATION-----  
16 - 20A/1P QOB  
1 - 30A/3P QOB

5 - 20A/1P-PS QOB

JOB NAME:	BBD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	B2
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	QQ-2488179-68292377-01
		PG 1	OF 1
		REV	---



REV	DESCRIPTION	BY	DATE	--	---	---	---
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## PHYSICAL DATA

ENCLOSURE Type 3R/5/12

FRONT CAT#: Trim w/Box

BOX CAT#: MH68WP

### DIMENSIONS:

68"(1727mm)Hx20"(508mm)Wx6.5"(165mm)D

### WIRE BENDING SPACE:

TOP - 12.25"(312)mm

BOTTOM - 17"(433)mm

SIDE - 4.1"(104)mm

PBA: 555

BUSSING: 400A RATED COPPER BUS

Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT

ALUMINUM SOLID NEUTRAL

ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 400A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 400A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs: 1 - 1/0 - 750, (2) 1/0 - 350 kcmil

### -----BRANCH SUMMATION-----

1 - 225A/3P JD

3 - 20A/1P EDB

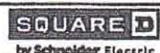
1 - 45A/2P EDB

5 - 20A/1P-PS EDB

1 - 50A/2P EDB

1 - 30A/3P EDB

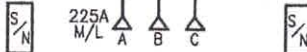
JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	C
JOB LOCATION:		EQUIPMENT TYPE:	NF (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68293939-01



PG 1 OF 1 REV -

REV	DESCRIPTION	BY	DATE	--	----	--	---/---/---	---
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CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	50/2		50/2	QOB		2
3								4
5		QOB	40/2		50/2	QOB		6
7								8
9		QOB	20/2		30/2	QOB		10
11								12
13		QOB	20/2		30/2	QOB		14
15								16
17		QOB	20/1		30/1	QOB		18
19		QOB	20/1		20/2	QOB		20
21		QOB	20/1					22
23		QOB	20/1		25/2	QOB		24
25		QOB	20/1					26
27		QOB	20/1		60/2	QOB		28
29		QOB	20/1					30
31					20/1	QOB		32
33		QOB	40/2		20/1	QOB		34
35		QOB	20/1		20/1	QOB	PREPARED SPACE	36
37	PREPARED SPACE	QOB	20/1					38
39	PREPARED SPACE	QOB	20/1		30/3	QOB		40
41	PREPARED SPACE	QOB	20/1					42



## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC38S  
BOX CAT#: MH38

### DIMENSIONS:

38"(965mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 5"(127)mm  
BOTTOM - 9.26"(235)mm  
SIDE - 6.13"(163)mm

PBA: 701A

BUSSING: 225A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 225A  
10kA SYMS. SCCR

MAIN: MAIN LUGS : 225A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs:1 - #6 - 350 kcmil

-----BRANCH SUMMATION-----

3 - 50A/2P QOB	2 - 40A/2P QOB
3 - 20A/2P QOB	10 - 20A/1P QOB
4 - 20A/1P-PS QOB	2 - 30A/2P QOB
1 - 30A/1P QOB	1 - 25A/2P QOB
1 - 60A/2P QOB	1 - 30A/3P QOB

JOB NAME: BBRD 935-937 UPGRADE

JOB LOCATION:

DRAWN BY: (Q2C)

ENGR:

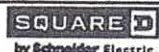
DATE: June 02 2021

DRAWING STATUS: QUOTE

EQUIPMENT DESIGNATION: C2

EQUIPMENT TYPE: NQ (Circuit Breaker Type) PANEL 1 OF 1

DRAWING TYPE: ONE LINE DIAGRAM



DWG# 00-2488179-68295249-01

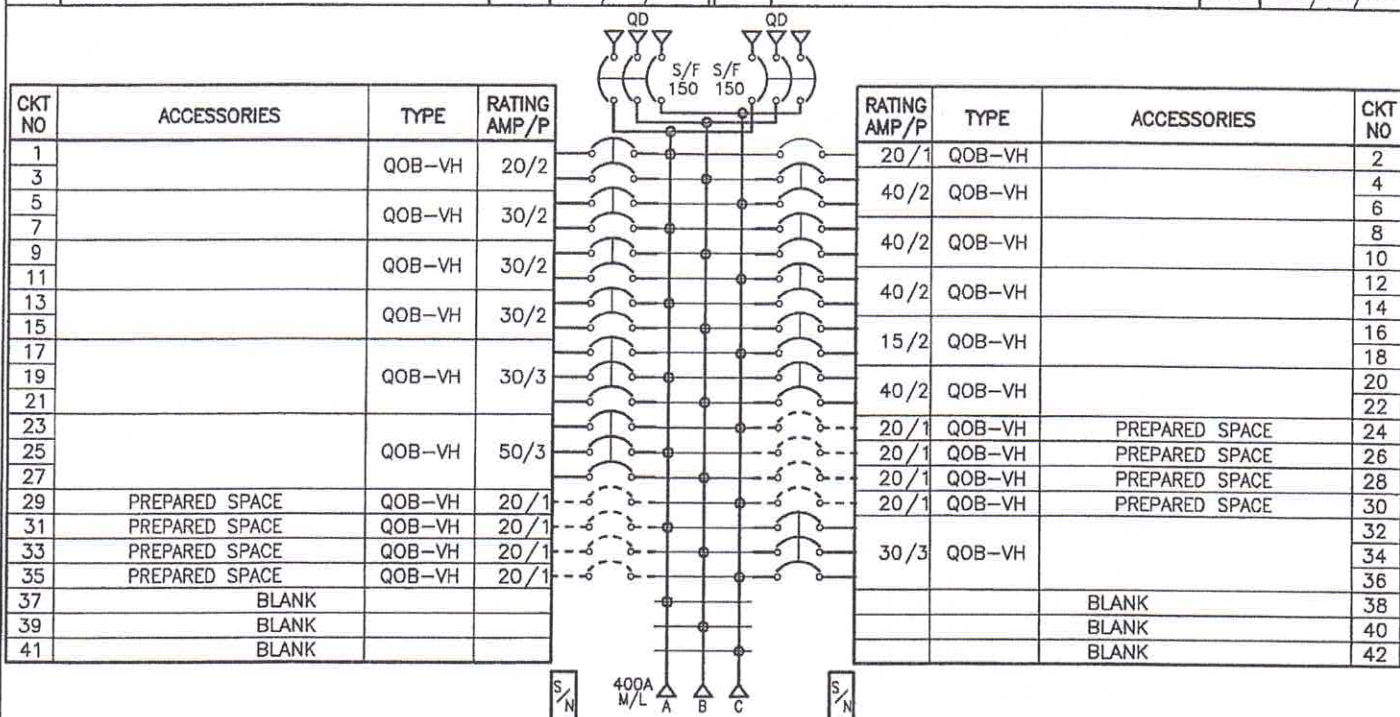
PG 1

OF 1

REV -



REV	DESCRIPTION	BY	DATE	--	----	--	----
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## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door

FRONT CAT#: NC74VS

BOX CAT#: MH74

DIMENSIONS:

74"(1880mm)Hx20"(508mm)Wx5.75"(146mm)D

WIRE BENDING SPACE:

TOP - 12.25"(312)mm

BOTTOM - 16.2"(411)mm

SIDE - 5.9"(150)mm

PBA: 709A

BUSSING: 400A RATED COPPER BUS

Silver/Tin Plated

OPTIONAL FEATURES:

GROUP USER PLACEMENT

ALUMINUM SOLID NEUTRAL

ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 400A

22kA SYMS. SCCR

MAIN: MAIN LUGS : 400A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs: 1 - 1/0 - 750, (2) 1/0 - 350 kcmil

-----BRANCH SUMMATION-----

2 - 150A/3P QOB

3 - 30A/2P QOB-VH

1 - 50A/3P QOB-VH

1 - 20A/1P QOB-VH

1 - 15A/2P QOB-VH

1 - 20A/2P QOB-VH

2 - 30A/3P QOB-VH

8 - 20A/1P-PS QOB-VH

4 - 40A/2P QOB-VH

JOB NAME: BBRD 935-937 UPGRADE

JOB LOCATION:

DRAWN BY: (Q2C)

ENGR:

DATE: June 02 2021

DRAWING STATUS: QUOTE

EQUIPMENT DESIGNATION: MDU1

EQUIPMENT TYPE: NQ (Circuit Breaker Type) PANEL 1 OF 1

DRAWING TYPE: ONE LINE DIAGRAM

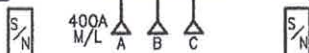


DWG# OQ-2488179-68296017-01

PG 1 OF 1 REV -

REV	DESCRIPTION	BY	DATE	-	----	---	---/---/---
-	----	---	---/---/---	-	-----	---	---/---/---

CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB-VH	20/1		60/2	QOB-VH		2
3		QOB-VH	20/1		20/1	QOB-VH		4
5		QOB-VH	20/1		20/1	QOB-VH		6
7		QOB-VH	20/1		20/1	QOB-VH		8
9		QOB-VH	20/1		20/1	QOB-VH		10
11		QOB-VH	20/1		20/1	QOB-VH		12
13		QOB-VH	20/1		30/2	QOB-VH		14
15		QOB-VH	40/2		20/1	QOB-VH		16
17		QOB-VH	20/1		20/1	QOB-VH		18
19		QOB-VH	20/1		20/1	QOB-VH		20
21		QOB-VH	20/1		20/1	QOB-VH		22
23		QOB-VH	20/1		20/1	QOB-VH		24
25		QOB-VH	20/1		20/1	QOB-VH		26
27		QOB-VH	20/1		20/1	QOB-VH		28
29		QOB-VH	20/1		20/1	QOB-VH		30
31		QOB-VH	30/2		20/1	QOB-VH		32
33		QOB-VH	30/2		20/1	QOB-VH		34
35	PREPARED SPACE	QOB-VH	20/1		20/1	QOB-VH	PREPARED SPACE	36
37		QOB-VH	20/1		30/3	QOB-VH		38
39		QOB-VH	20/1					40
41	PREPARED SPACE	QOB-VH	20/1					42



## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC50VS  
BOX CAT#: MH50

### DIMENSIONS:

50"(1270mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 12.25"(311)mm  
BOTTOM - 17.1"(434)mm  
SIDE - 5.9"(150)mm

PBA: 709A

BUSSING: 400A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 400A  
22kA SYMS. SCCR

MAIN: MAIN LUGS : 400A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs: 1 - 1/0 - 750, (2) 1/0 - 350 kcmil

### -----BRANCH SUMMATION-----

28 - 20A/1P QOB-VH	1 - 40A/2P QOB-VH
2 - 30A/2P QOB-VH	3 - 20A/1P-PS QOB-VH
1 - 60A/2P QOB-VH	1 - 30A/3P QOB-VH

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	MDU2
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	OQ-2488179-68296512-01

PG 1 OF 1 REV -



REV	DESCRIPTION	BY	DATE	--	----	--	----	--	----
-	----	--	---/---/---	-	----	--	---	---	---

CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB-VH	20/1		20/1	QOB-VH		2
3		QOB-VH	20/1		20/1	QOB-VH		4
5		QOB-VH	20/1		20/1	QOB-VH		6
7		QOB-VH	20/1		20/1	QOB-VH		8
9		QOB-VH	20/1		20/1	QOB-VH		10
11		QOB-VH	20/1		20/1	QOB-VH		12
13		QOB-VH	20/1		20/1	QOB-VH		14
15		QOB-VH	20/1		30/2	QOB-VH		16
17		QOB-VH	20/1		20/1	QOB-VH		18
19		QOB-VH	20/1		20/2	QOB-VH		20
21		QOB-VH	20/1		20/1	QOB-VH		22
23		QOB-VH	20/1		20/1	QOB-VH		24
25					20/1	QOB-VH		26
27		QOB-VH	30/3		20/1	QOB-VH		28
29					20/1	QOB-VH		30

## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC32S  
BOX CAT#: MH32

### DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 5"(127)mm  
BOTTOM - 9.26"(235)mm  
SIDE - 6.13"(162)mm

PBA: 701A

BUSSING: 225A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 150A

22kA SYMS. SCCR

MAIN: MAIN LUGS : 150A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

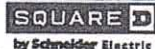
Wire Bending Space:

Phase Lugs: 1 - #6 - 350 kcmil

-----BRANCH SUMMATION-----

23 - 20A/1P QOB-VH 1 - 30A/3P QOB-VH  
1 - 30A/2P QOB-VH 1 - 20A/2P QOB-VH

JOB NAME:	BBRD 935-937 UPGRADE	EQUIPMENT DESIGNATION:	AS
JOB LOCATION:		EQUIPMENT TYPE:	NQ (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY:	(Q2C)	DRAWING TYPE:	ONE LINE DIAGRAM
ENGR:			
DATE:	June 02 2021		
DRAWING STATUS:	QUOTE	DWG#	QQ-2488179-68300157-01



PG 1 OF 1 REV -

REV	DESCRIPTION	BY	DATE	--	----	--	---/---/---
--	----	---	---/---/---	--	----	--	---/---/---

CKT NO	ACCESSORIES	TYPE	RATING AMP/P		RATING AMP/P	TYPE	ACCESSORIES	CKT NO
1		QOB	20/1		20/1	QOB		2
3		QOB	20/1		20/1	QOB		4
5		QOB	20/1		30/1	QOB		6
7		QOB	20/1		30/1	QOB		8
9		QOB	20/1		30/1	QOB		10
11		QOB	50/2		20/1	QOB		12
13		QOB	50/2		20/1	QOB		14
15		QOB	30/3		20/1	QOB		16
17		QOB	30/3		20/1	QOB		18
19		QOB	30/3		20/1	QOB		20
21	BLANK						BLANK	22
23	BLANK						BLANK	24
25	BLANK						BLANK	26
27	BLANK						BLANK	28
29	BLANK						BLANK	30

## PHYSICAL DATA

ENCLOSURE Type 1

Surface with Door  
FRONT CAT#: NC32S  
BOX CAT#: MH32

### DIMENSIONS:

32"(813mm)Hx20"(508mm)Wx5.75"(146mm)D

### WIRE BENDING SPACE:

TOP - 5"(127)mm  
BOTTOM - 9.26"(235)mm  
SIDE - 6.13"(162)mm

PBA: 701A

BUSSING: 225A RATED COPPER BUS  
Silver/Tin Plated

### OPTIONAL FEATURES:

GROUP USER PLACEMENT  
ALUMINUM SOLID NEUTRAL  
ALUMINUM GROUND BAR

## ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz

System Ampacity: 150A

10kA SYMS. SCCR

MAIN: MAIN LUGS : 150A

Bottom FEED

INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:

Wire Bending Space:

Phase Lugs: 1 - #6 - 350 kcmil

-----BRANCH SUMMATION-----

12 - 20A/1P QOB

1 - 50A/2P QOB

1 - 30A/3P QOB

3 - 30A/1P QOB

JOB NAME: BBRD 935-937 UPGRADE

JOB LOCATION:

(Q2C)

ENGR:

DATE: June 02 2021

DRAWING STATUS: QUOTE

EQUIPMENT DESIGNATION: UC

EQUIPMENT TYPE: NQ (Circuit Breaker Type) PANEL 1 OF 1

DRAWING TYPE: ONE LINE DIAGRAM

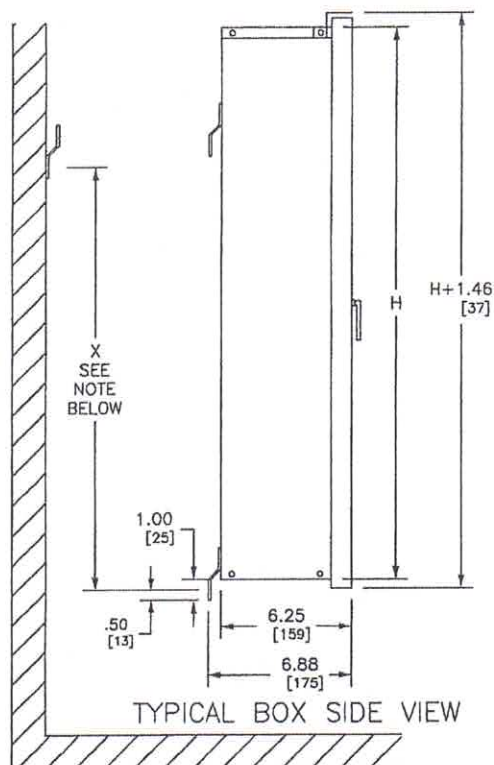


DWG# 0Q-2488179-68300357-01

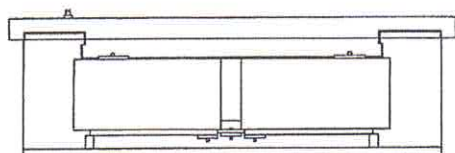
PG 1 OF 1 REV -



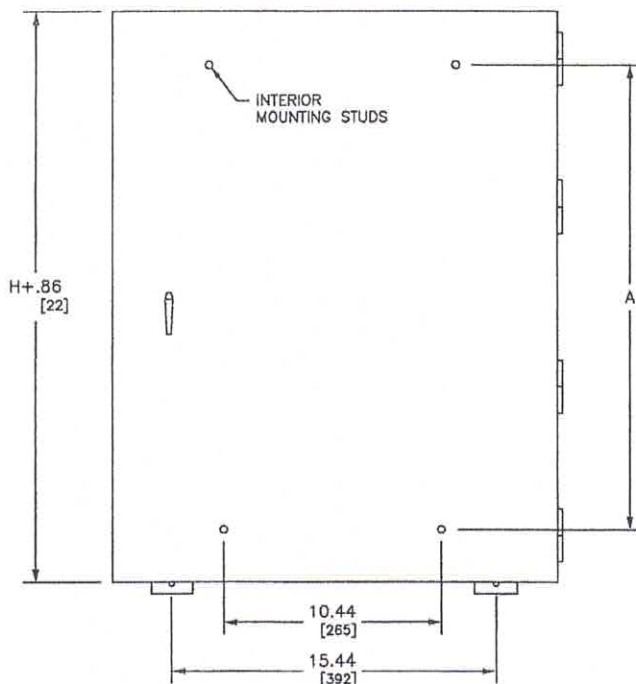
REV	DESCRIPTION	BY	DATE				
---	---	---	---	---	---	---	---



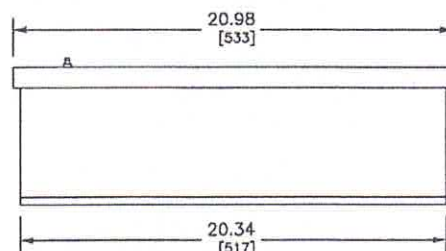
TYPICAL BOX SIDE VIEW



TYPICAL MOUNTING OF  
QO, QOB BREAKERS



TYPICAL FRONT VIEW




TYPICAL ENDWALL

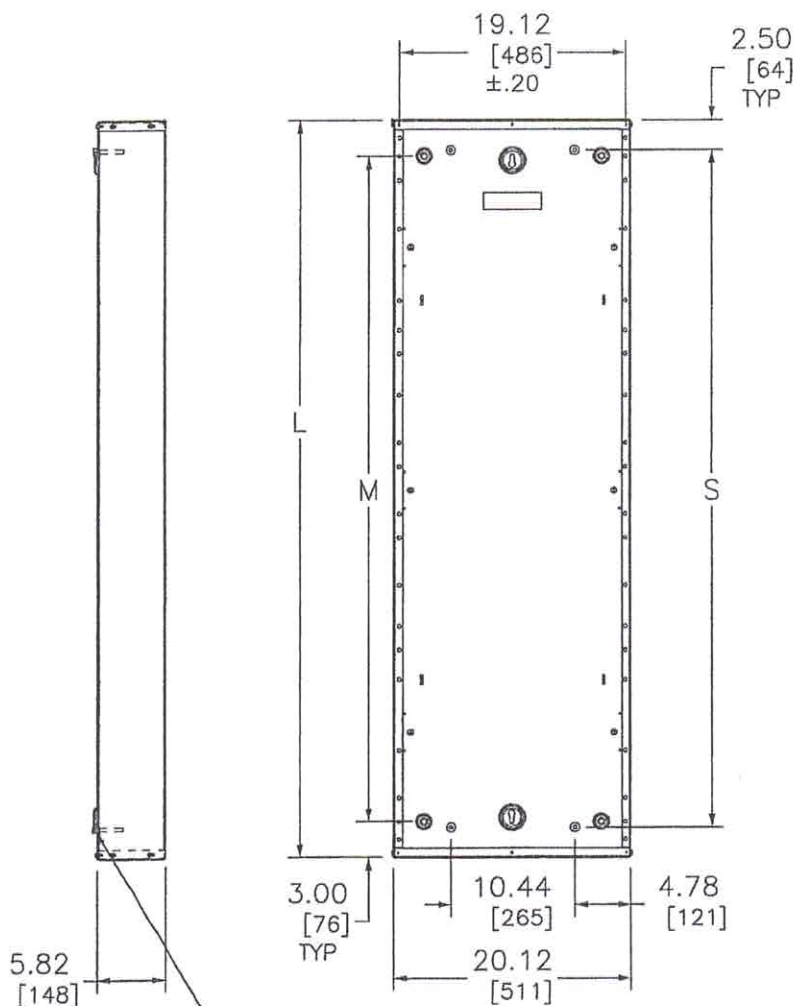
NOTE: FOR "X" DIMENSION, SUBTRACT 6.60/[168] FROM THE BOX HEIGHT.  
REFER TO DP CATALOG CLASS 1640 FOR ADDITIONAL INFORMATION  
NQ PANELBOARDS MEET THE APPLICABLE REQUIREMENTS OF UL AND CSA.  
BOX: GRAY BAKED ENAMEL FINISH ELECTRODEPOSITED OVER CLEANED  
PHOSPHATIZED STEEL. INCLUDES HINGED COVER. MOUNTS TO WALL  
WITH MOUNTING BRACKETS.  
LOCK: CHROME-PLATED HANDLE LOCK. NSR 251 KEY.  
NOT PROVISIONS FOR PADLOCK.  
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE NOMINAL.

DUAL DIMENSIONS: INCHES  
MILLIMETERS

CATALOG NUMBER	BOX HEIGHT		MOUNTING INTERIOR HEIGHT	
	H		A	
	IN	MM	IN	MM
MH26WP	26.00	660	21.00	533
MH32WP	32.00	813	27.00	686
MH38WP	38.00	965	33.00	838
MH44WP	44.00	1118	39.00	991
MH50WP	50.00	1270	45.00	1143
MH56WP	56.00	1422	51.00	1295
MH62WP	62.00	1575	57.00	1448
MH68WP	68.00	1727	63.00	1600
MH74WP	74.00	1880	69.00	1753
MH80WP	80.00	2032	75.00	1905
MH86WP	86.00	2184	81.00	2057

JOB NAME: ---	EQUIPMENT DESIGNATION: ---
JOB LOCATION: ---	EQUIPMENT TYPE: NQ NEMA 3R/5/12 ENCLOSURES
DRAWN BY: ---	DRAWING TYPE: ---
ENGR: ---	 by Schneider Electric
DATE: AUGUST 2017	
DRAWING STATUS: ---	DWG# MH26WP PG 01 OF 01 REV 43

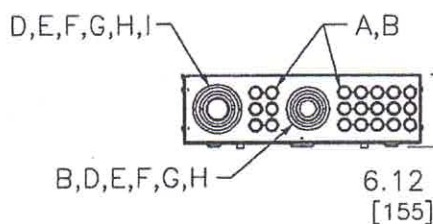
REV	DESCRIPTION	BY	DATE						
---	---	---	---	---	---	---	---	---	---



DIMPLES ARE  
.30/[8] DEEP

DUAL DIMENSIONS: INCHES  
MILLIMETERS

KNOCKOUTS				
SYMBOL	CONDUIT SIZE		KNOCKOUT DIA	
	IN	MM	IN	MM
A	.50	13	.88	22
B	.75	19	1.12	28
D	1.25	32	1.75	44
E	1.50	38	2.00	51
F	2.00	51	2.50	64
G	2.50	64	3.00	76
H	3.00	76	3.62	92
I	3.50	89	4.12	105



REFERENCE CATALOG NO	L		S		M	
	IN	MM	IN	MM	IN	MM
MH26	26.00	660	21.00	533	20.00	508
MH32	32.00	813	27.00	686	26.00	660
MH38	38.00	965	33.00	838	32.00	813
MH44	44.00	1118	39.00	991	38.00	965
MH50	50.00	1270	45.00	1143	44.00	1118
MH56	56.00	1422	51.00	1295	50.00	1270
MH62	62.00	1575	57.00	1448	56.00	1422
MH68	68.00	1727	63.00	1600	62.00	1575
MH74	74.00	1880	69.00	1753	68.00	1727
MH80	80.00	2032	75.00	1905	74.00	1880
MH86	86.00	2184	81.00	2057	80.00	2032
MH92	92.00	2337	87.00	2210	86.00	2184

JOB NAME: ---	EQUIPMENT DESIGNATION: ---
JOB LOCATION: ---	EQUIPMENT TYPE: NEMA 1 BOXES
DRAWN BY: ---	DRAWING TYPE: ---
ENGR: ---	
DATE: JULY 2018	
DRAWING STATUS: ---	DWG# PBA600
	PG 1 OF 1 REV 43

CATALOG NUMBER	A		B		C	
	IN	MM	IN	MM	IN	MM
NC2F3	26.12	663	17.70	436	5.16	159
NC32C	32.12	816	23.70	602	9.15	233
NC38S	38.12	968	29.70	754	12.16	299
NC44S	44.12	1121	35.70	907	15.16	385
NC50S	50.12	1273	41.70	1059	18.16	461
NC56S	56.12	1425	47.70	1212	21.16	537
NC62S	62.12	1573	53.70	1364	24.16	614
NC68S	68.12	1730	59.70	1516	27.16	690
NC74S	74.12	1883	65.70	1669	30.16	766
NC80S	80.12	2035	71.70	1821	33.16	842
NC86F	86.12	2187	77.70	1974	36.16	918
NC92F	92.12	2340	83.70	2126	39.16	995
NC98F	98.12	2492	89.70	2279	42.16	1071
NC104F	104.12	2644	95.70	2431	45.16	1147
NC110F	110.12	2797	101.70	2584	48.16	1223
NC116F	116.12	2949	107.70	2736	51.16	1299
NC122F	122.12	3102	113.70	2889	54.16	1375
NC128F	128.12	3254	119.70	3041	57.16	1451
NC134F	134.12	3407	125.70	3194	60.16	1527
NC140F	140.12	3559	131.70	3346	63.16	1603
NC146F	146.12	3712	137.70	3499	66.16	1679
NC152F	152.12	3864	143.70	3651	69.16	1755
NC158F	158.12	4017	149.70	3804	72.16	1831
NC164F	164.12	4169	155.70	3956	75.16	1907
NC170F	170.12	4322	161.70	4109	78.16	1983
NC176F	176.12	4474	167.70	4261	81.16	2059
NC182F	182.12	4627	173.70	4414	84.16	2135
NC188F	188.12	4779	179.70	4566	87.16	2211
NC194F	194.12	4932	185.70	4719	90.16	2287
NC200F	200.12	5084	191.70	4871	93.16	2363
NC206F	206.12	5237	197.70	5024	96.16	2439
NC212F	212.12	5389	203.70	5176	99.16	2515
NC218F	218.12	5542	209.70	5329	102.16	2591
NC224F	224.12	5694	215.70	5481	105.16	2667
NC230F	230.12	5847	221.70	5634	108.16	2743
NC236F	236.12	5999	227.70	5786	111.16	2819
NC242F	242.12	6152	233.70	5939	114.16	2895
NC248F	248.12	6304	239.70	6091	117.16	2971
NC254F	254.12	6457	245.70	6244	120.16	3047
NC260F	260.12	6609	251.70	6396	123.16	3123
NC266F	266.12	6762	257.70	6549	126.16	3199
NC272F	272.12	6914	263.70	6701	129.16	3275
NC278F	278.12	7067	269.70	6854	132.16	3351
NC284F	284.12	7219	275.70	7006	135.16	3427
NC290F	290.12	7372	281.70	7159	138.16	3503
NC296F	296.12	7524	287.70	7311	141.16	3579
NC302F	302.12	7677	293.70	7464	144.16	3655
NC308F	308.12	7829	299.70	7616	147.16	3731
NC314F	314.12	7982	305.70	7769	150.16	3807
NC320F	320.12	8134	311.70	7921	153.16	3883
NC326F	326.12	8287	317.70	8074	156.16	3959
NC332F	332.12	8439	323.70	8226	159.16	4035
NC338F	338.12	8592	329.70	8379	162.16	4111
NC344F	344.12	8744	335.70	8531	165.16	4187
NC350F	350.12	8897	341.70	8684	168.16	4263
NC356F	356.12	9049	347.70	8836	171.16	4339
NC362F	362.12	9202	353.70	8989	174.16	4415
NC368F	368.12	9354	359.70	9141	177.16	4491
NC374F	374.12	9507	365.70	9294	180.16	4567
NC380F	380.12	9659	371.70	9446	183.16	4643
NC386F	386.12	9812	377.70	9599	186.16	4719
NC392F	392.12	9964	383.70	9751	189.16	4795
NC398F	398.12	10117	389.70	9904	192.16	4871
NC404F	404.12	10269	395.70	10056	195.16	4947
NC410F	410.12	10422	401.70	10209	198.16	5023
NC416F	416.12	10574	407.70	10361	201.16	5099
NC422F	422.12	10727	413.70	10514	204.16	5175
NC428F	428.12	10879	419.70	10666	207.16	5251
NC434F	434.12	11032	425.70	10819	210.16	5327
NC440F	440.12	11184	431.70	10971	213.16	5403
NC446F	446.12	11337	437.70	11124	216.16	5479
NC452F	452.12	11489	443.70	11276	219.16	5555
NC458F	458.12	11642	449.70	11429	222.16	5631
NC464F	464.12	11794	455.70	11581	225.16	5707
NC470F	470.12	11947	461.70	11734	228.16	5783
NC476F	476.12	12100	467.70	11886	231.16	5859
NC482F	482.12	12252	473.70	12039	234.16	5935
NC488F	488.12	12405	479.70	12191	237.16	6011
NC494F	494.12	12557	485.70	12344	240.16	6087
NC500F	500.12	12710	491.70	12496	243.16	6163
NC506F	506.12	12862	497.70	12649	246.16	6239
NC512F	512.12	13015	503.70	12801	249.16	6315
NC518F	518.12	13167	509.70	12954	252.16	6391
NC524F	524.12	13320	515.70	13106	255.16	6467
NC530F	530.12	13472	521.70	13259	258.16	6543
NC536F	536.12	13625	527.70	13411	261.16	6619
NC542F	542.12	13777	533.70	13564	264.16	6695
NC548F	548.12	13930	539.70	13716	267.16	6771
NC554F	554.12	14082	545.70	13869	270.16	6847
NC560F	560.12	14235	551.70	14021	273.16	6923
NC566F	566.12	14387	557.70	14174	276.16	6999
NC572F	572.12	14540	563.70	14326	279.16	7075
NC578F	578.12	14692	569.70	14479	282.16	7151
NC584F	584.12	14845	575.70	14631	285.16	7227
NC590F	590.12	14997	581.70	14784	288.16	7303
NC596F	596.12	15150	587.70	14936	291.16	7379
NC602F	602.12	15302	593.70	15089	294.16	7455
NC608F	608.12	15455	599.70	15241	297.16	7531
NC614F	614.12	15607	605.70	15394	300.16	7607
NC620F	620.12	15760	611.70	15546	303.16	7683
NC626F	626.12	15912	617.70	15699	306.16	7759
NC632F	632.12	16065	623.70	15851	309.16	7835
NC638F	638.12	16217	629.70	16004	312.16	7911
NC644F	644.12	16370	635.70	16156	315.16	7987
NC650F	650.12	16522	641.70	16309	318.16	8063
NC656F	656.12	16675	647.70	16461	321.16	8139
NC662F	662.12	16827	653.70	16614	324.16	8215
NC668F	668.12	16980	659.70	16766	327.16	8291
NC674F	674.12	17132	665.70	16919	330.16	8367
NC680F	680.12	17285	671.70	17071	333.16	8443
NC686F	686.12	17437	677.70	17224	336.16	8519
NC692F	692.12	17590	683.70	17376	339.16	8595
NC698F	698.12	17742	689.70	17529	342.16	8671
NC704F	704.12	17895	695.70	17681	345.16	8747
NC710F	710.12	18047	701.70	17834	348.16	8823
NC716F	716.12	18200	707.70	17986	351.16	8899
NC722F	722.12	18352	713.70	18139	354.16	8975
NC728F	728.12	18505	719.70	18291	357.16	9051
NC734F	734.12	18657	725.70	18444	360.16	9127
NC740F	740.12	18810	731.70	18596	363.16	9203
NC746F	746.12	18962	737.70	18749	366.16	9279
NC752F	752.12	19115	743.70	18901	369.16	9355
NC758F	758.12	19267	749.70	19054	372.16	9431
NC764F	764.12	19420	755.70	19206	375.16	9507
NC770F	770.12	19572	761.70	19359	378.16	9583
NC776F	776.12	19725	767.70	19511	381.16	9659
NC782F	782.12	19877	773.70	19664	384.16	9735
NC788F	788.12	20030	779.70	19816	387.16	9811
NC794F	794.12	20182	785.70	19969	390.16	9887
NC800F	800.12	20335	791.70	20121	393.16	9963
NC806F	806.12	20487	797.70	20274	396.16	10039
NC812F	812.12	20640	803.70	20426	399.16	10115
NC818F	818.12	20792	809.70	20579	402.16	10191
NC824F	824.12	20945	815.70	20731	405.16	10267
NC830F	830.12	21097	821.70	20884	408.16	10343
NC836F	836.12	21250	827.70	21036	411.16	10419
NC842F	842.12	21402	833.70	21189	414.16	10495
NC848F	848.12	21555	839.70	21341	417.16	10571
NC854F	854.12	21707	845.70	21494	420.16	10647
NC860F	860.12	21860	851.70	21646	423.16	10723
NC866F	866.12	22012	857.70	21799	426.16	10799
NC872F	872.12	22165	863.70	21951	429.16	10875
NC878F	878.12	22317	869.70	22104	432.16	10951
NC884F	884.12	22470	875.70	22256	435.16	11027
NC890F	890.12	22622	881.70	22409	438.16	11103
NC896F	896.12	22775	887.70	22561	441.16	11179
NC902F	902.12	22927	893.70	22714	444.16	11255
NC908F	908.12	23080	899.70	22866	447.16	11331
NC914F	914.12	23232	905.70	23019	450.16	11407
NC920F	920.12	23385	911.70	23171	453.16	11483
NC926F	926.12	23537	917.70	23324	456.16	11559
NC932F	932.12	23690	923.70	23476	459.16	11635
NC938F	938.12	23842	929.70	23629	462.16	11711
NC944F	944.12	23995	935.70	23781	465.16	11787
NC950F	950.12	24147	941.70	23934	468.16	11863
NC956F	956.12	24300	947.70	24086	471.16	11939
NC962F	962.12	24452	953.70	24239	474.16	12015
NC968F	968.12	24605	959.70	24391	477.16	12091
NC974F	974.12	24757	965.70	24544	480.16	12167
NC980F	980.12	24910	971.70	24696	483.16	12243
NC986F	986.12	25062	977.70	24849	486.16	12319





Integrated Digital Lighting Solutions

# Transmittal

Landreth, Inc.  
2250 Lucien Way  
Maitland FL 32751  
Phone: (407) 682-6255  
From: Gretchen Pennington

**Project** BBRD 935-937 Electrical Upgrades  
**Quote#** LAND21-109231  
**Location** 935 Barefoot Blvd, Barefoot Bay, 32976, FL  
**To** Consolidated Electrical Distributor  
804 S. Florida Ave  
Cocoa FL 32922  
Contact: Bobby Lucht

ATTACHED WE ARE SENDING YOU 1 COPY OF THE FOLLOWING ITEM:

- |                                   |  |        |
|-----------------------------------|--|--------|
| <input type="checkbox"/> Drawings | <input type="checkbox"/> Specifications        | Other: |
| <input type="checkbox"/> Prints   | <input type="checkbox"/> Information           |        |
| <input type="checkbox"/> Plans    | <input checked="" type="checkbox"/> Submittals |        |

THESE ARE TRANSMITTED FOR:

- |  |   |                                 |
|--|---|---------------------------------|
| <input type="checkbox"/> Prior Approval        | <input type="checkbox"/> Resubmittal for Approval | <input type="checkbox"/> Record |
| <input checked="" type="checkbox"/> Approval   | <input type="checkbox"/> Corrections              | Bids due on:                    |
| <input type="checkbox"/> Approval as Submitted | <input type="checkbox"/> Your Use                 | Other:                          |
| <input type="checkbox"/> Approval as Noted     | <input type="checkbox"/> Review and Comment       |                                 |

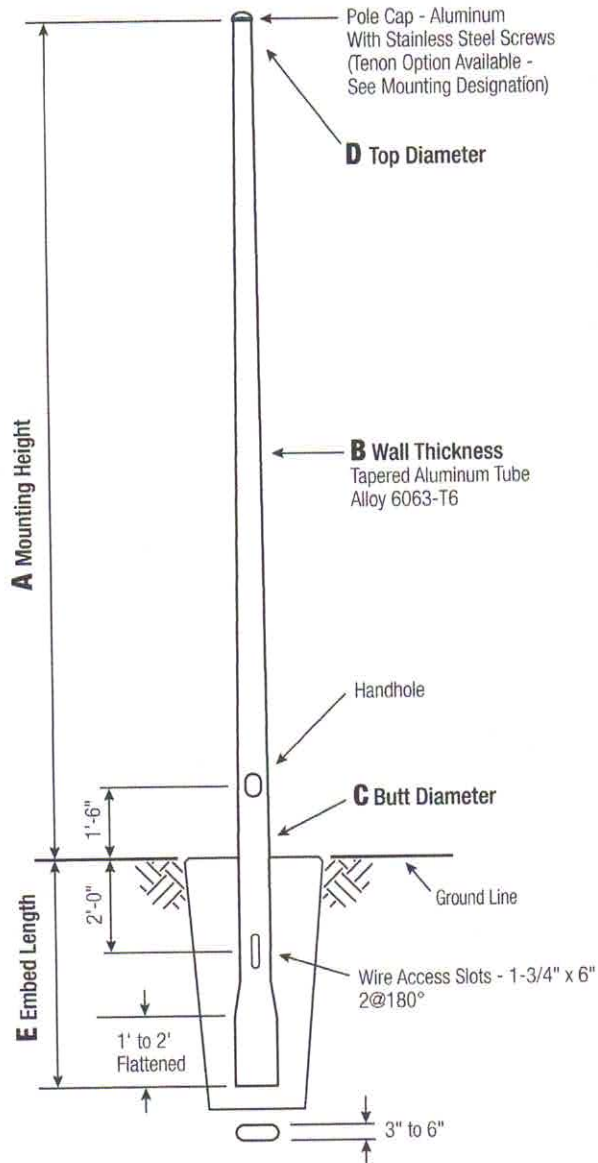
Qty	Type	MFG	Part	Est. Lead
4	SLA	Hapco	RTA25C6BD-BA DRILLED FOR (2)TEMPLATE #8 @ 180DEGREES (6 FOOT BURIAL)	12-16 WEEK
8	SLA	Acuity Brands	RSX1 LED P3 40K R5 MVOLT RPA NLTAIR2 PIRHN DBLXD	4-6 WEEKS
11	SLE	Hapco	RTA25C6BD-BA DRILLED FOR (1)TEMPLATE #8 (6 FOOT BURIAL)	12-16 WEEK
11	SLE	Acuity Brands	RSX1 LED P3 40K R5 MVOLT RPA NLTAIR2 PIRHN DBLXD	4-6 WEEKS
1	WB	Acuity Brands	ARC1 LED P3 40K MVOLT DMG E4WH DBLXD	4-6 WEEKS

**Notes:**

Lead times are being provided to help schedule release according to project timeline requirements. Published dates are estimated. If fixtures are required sooner than quoted lead time, please contact your salesperson or project manager, Gretchen Pennington, for expedite or substitution recommendations.

**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RTA25C6BD-BA DRILLED FOR (2) TEMPLATE  
 #8 @ 180DEGREES (6 FOOT BURIAL)
**Notes:****Type:****SLA**

LAND21-109231

**RTA**
**Round Tapered Aluminum Pole  
 No Arm — Direct Buried**


Satin Aluminum or Powder Coated Finish per Customer Specification.

<b>C</b> BUTT DIA.	<b>D</b> TOP DIA.
5	3
6	4.5
7	4.5
8	4.5
9	4.5
10	6

C and D Dimensions in Inches

**Pole**

The pole shaft will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated to produce a T6 temper.

**Handhole**

**5" Butt Diameter** - 2-1/2" x 5" Handhole with curved Lap Style Aluminum Door and two (2) SS Self-Tapping Attaching Screws. A Grounding Provision is provided as part of the handhole.

**6" Butt Diameter** - Reinforced, 3" x 5" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. A Grounding Provision incorporating a 3/8" diameter hole is provided opposite the Handhole.

**7"+ Butt Diameters** - Reinforced, 4" x 6" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. Reinforced Frame will contain a tapped 3/8"-16NC Grounding Provision.

**Embed Detail**

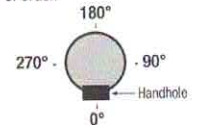
Direct Buried Pole bottom section on 6"+ butt diameter poles will be partially flattened into an anti-rotational, oval cross section. Wire access will be provided 24" below ground line. Soil conditions vary by site. Foundation requirements should be determined by a qualified Structural Engineer with knowledge of jobsite soil conditions.

**Vibration Damper**

When determined necessary by Hapco, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.

**Mounting Designation****Side Drill Mount**

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.

**Tenon Mount - Welded or Spun**

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", etc.) and length (3", 4", etc.). Tenon style is factory option. Welded Tenon can be specified.





Submitted by Landreth, Inc.

**LANDRETH**  
 Integrated Digital Lighting Solutions
**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RTA25C6BD-BA DRILLED FOR (2) TEMPLATE  
 #8 @ 180DEGREES (6 FOOT BURIAL)

Notes:

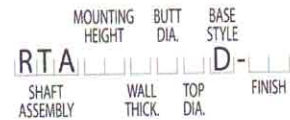
**Type:****SLA**

LAND21-109231

A MTG. HGT.	B WALL THK.	C BUTT DIA.	E EMBED DEPTH	TOTAL LUM. WT.	MAXIMUM EPA								OLD CATALOG NUMBER	CATALOG NUMBER
					120	130	140	150	160	170	180			
10	0.125	5	4	110	9.9	8.2	6.9	5.9	5.0	4.4	3.8	87907-0310X	RTA10B5AD-*	
12	0.125	5	4	85	7.7	6.3	5.2	4.4	3.7	3.1	2.7	87907-0312X	RTA12B5AD-*	
14	0.125	5	4	70	6.0	4.8	3.9	3.2	2.6	2.2	1.8	87907-0314X	RTA14B5AD-*	
16	0.125	5	4	50	4.6	3.6	2.8	2.2	1.7	1.4	1.1	87907-0316X	RTA16B5AD-*	
18	0.125	5	4	40	3.3	2.4	1.8	1.3	0.9	0.6	-	87907-0318X	RTA18B5AD-*	
18	0.156	5	4	55	4.6	3.6	2.8	2.1	1.7	1.3	1.0		RTA18C5AD-*	
20	0.125	5	4	40	2.2	1.5	0.9	-	-	-	-		RTA20B5AD-*	
20	0.125	6	5	100	8.6	7.0	5.8	4.9	4.2	3.6	3.1	50-001	RTA20B6BD-*	
20	0.156	6	6	135	11.5	9.4	7.9	6.8	5.8	5.0	4.4	50-002	RTA20C6BD-*	
20	0.188	6	6	170	14.3	11.9	10.0	8.6	7.4	6.5	5.7	50-003	RTA20D6BD-*	
20	0.156	7	6	210	17.3	14.4	12.2	10.5	9.1	8.0	7.0	50-004	RTA20C7BD-*	
20	0.188	7	7	260	21.4	17.8	15.2	13.1	11.4	9.9	8.8	50-005	RTA20D7BD-*	
20	0.156	8	7	295	24.1	20.2	17.2	14.9	12.9	11.3	10.0	50-006	RTA20C8BD-*	
20	0.188	8	8	300	29.7	25.0	21.3	18.4	16.1	14.1	12.5	50-007	RTA20D8BD-*	
25	0.156	6	6	85	7.0	5.5	4.5	3.8	3.2	2.7	2.2	50-062	RTA25C6BD-*	
25	0.188	6	6	110	9.2	7.4	6.2	5.2	4.4	3.7	3.2	50-063	RTA25D6BD-*	
25	0.156	7	6	140	11.6	9.4	7.9	6.7	5.7	4.9	4.3	50-064	RTA25C7BD-*	
25	0.188	7	7	175	14.7	12.1	10.2	8.7	7.5	6.5	5.6	50-065	RTA25D7BD-*	
25	0.156	8	7	205	16.9	14.0	11.8	10.1	8.7	7.6	6.6	50-066	RTA25C8BD-*	
25	0.188	8	7	255	21.0	17.5	14.8	12.7	11.0	9.6	8.4	50-067	RTA25D8BD-*	
25	0.219	8	8	300	24.9	20.8	17.7	15.2	13.2	11.6	10.2	50-068	RTA25E8BD-*	
25	0.250	8	8	300	28.9	24.2	20.6	17.8	15.5	13.5	11.9	50-069	RTA25F8BD-*	
30	0.156	7	6	90	7.5	5.9	4.8	3.9	3.3	2.7	2.3	50-124	RTA30C7BD-*	
30	0.188	7	7	120	10.0	8.0	6.6	5.5	4.6	3.9	3.4	50-125	RTA30D7BD-*	
30	0.156	8	7	140	11.8	9.5	7.9	6.7	5.7	4.9	4.2	50-126	RTA30C8BD-*	
30	0.188	8	7	180	15.1	12.4	10.4	8.8	7.6	6.5	5.6	50-127	RTA30D8BD-*	
30	0.219	8	8	220	18.2	15.0	12.7	10.8	9.3	8.1	7.0	50-128	RTA30E8BD-*	
30	0.250	8	8	260	21.3	17.6	14.9	12.8	11.0	9.6	8.4	50-129	RTA30F8BD-*	
30	0.188	9	8	255	20.9	17.4	14.7	12.6	10.9	9.4	8.2	50-131	RTA30D9BD-*	
30	0.250	9	9	300	29.1	24.4	20.8	17.9	15.5	13.5	11.9	50-133	RTA30F9BD-*	
30	0.188	10	9	300	27.7	23.3	19.8	17.0	14.7	12.8	11.1	50-139	RTA30D1CD-*	
35	0.156	8	7	95	7.9	6.2	5.0	4.1	3.4	2.8	2.3	50-186	RTA35C8BD-*	
35	0.188	8	7	130	10.6	8.5	7.0	5.8	4.9	4.1	3.5	50-187	RTA35D8BD-*	
35	0.219	8	8	160	13.2	10.7	8.9	7.5	6.4	5.4	4.7	50-188	RTA35E8BD-*	
35	0.250	8	8	190	15.8	12.9	10.8	9.1	7.8	6.7	5.8	50-189	RTA35F8BD-*	
35	0.188	9	8	190	15.5	12.7	10.7	9.0	7.7	6.6	5.6	50-191	RTA35D9BD-*	
35	0.250	9	9	270	22.2	18.4	15.6	13.3	11.4	9.9	8.6	50-193	RTA35F9BD-*	
35	0.188	10	9	255	21.1	17.7	14.9	12.7	10.9	9.3	8.0	50-199	RTA35D1CD-*	
35	0.219	10	9	300	25.4	21.3	18.1	15.4	13.3	11.5	9.9	50-200	RTA35E1CD-*	
35	0.250	10	9	300	29.7	25.0	21.2	18.2	15.7	13.6	11.9	50-201	RTA35F1CD-*	
35	0.312	10	10	300	38.1	32.2	27.4	23.6	20.5	17.8	15.6	50-202	RTA35G1CD-*	
40	0.188	8	7	90	7.1	5.4	4.3	3.4	2.8	2.2	1.8	50-247	RTA40D8BD-*	
40	0.219	8	8	115	9.3	7.3	5.9	4.8	4.0	3.3	2.7	50-248	RTA40E8BD-*	
40	0.250	8	8	140	11.5	9.1	7.5	6.2	5.2	4.4	3.7	50-249	RTA40F8BD-*	
40	0.188	9	8	135	11.3	9.1	7.5	6.2	5.2	4.3	3.6	50-251	RTA40D9BD-*	
40	0.250	9	9	205	16.9	13.9	11.6	9.8	8.3	7.1	6.1	50-253	RTA40F9BD-*	
40	0.188	10	9	190	16.1	13.4	11.2	9.4	7.9	6.7	5.6	50-259	RTA40D1CD-*	
40	0.219	10	9	240	19.7	16.4	13.8	11.7	10.0	8.5	7.2	50-260	RTA40E1CD-*	
40	0.250	10	9	280	23.3	19.4	16.4	14.0	12.0	10.3	8.8	50-261	RTA40F1CD-*	
40	0.312	10	10	300	30.4	25.5	21.6	18.5	15.9	13.8	12.0	50-262	RTA40G1CD-*	

**Catalog Number System**

The catalog number for Hapco poles utilizes the following identification system.

**Catalog Number Example -****RTA 30 D 8 B D - 01**
 Round Tapered Aluminum, 30' Mounting Height,  
 .188" Wall Thickness, 8" Butt Diameter, 4.5" Top  
 Diameter, FBC Direct Buried, Satin Aluminum Finish.
**Wall Thickness**

B = .125"

C = .156"

D = .188"

E = .219"

F = .250"

G = .312"

**Butt Diameter**

5 = 5"

6 = 6"

7 = 7"

8 = 8"

9 = 9"

1 = 10"

**Top Diameter**

A = 3"

B = 4.5"

C = 6"

**Base Style**

D = FBC Direct Buried

**Finish**

01 = Satin Aluminum

BA = Black Powder Coat

BH = White Powder Coat

BM = Dark Bronze Powder Coat

BV = Dark Green Powder Coat

GC = Gray Powder Coat

\*\* = Specify Finish

**EPA Note:**
 EPA's based on symmetrically placed side mounted fixture(s) not  
 exceeding height of the pole.
**Embed Note:**
 Embed depths shown are calculated using the weight and EPA  
 combination corresponding to the maximum windspeed available  
 per pole. The calculation uses the assumption of a Class 3 soil  
 type with a 12" diameter augered hole that is to be back-filled  
 (preferably with chloride-free concrete or high density polyurethane  
 foam). Embed depths are subject to change if the loading changes  
 or if the wind speed changes. Please contact Hapco for help in  
 determining an appropriate embed depth.



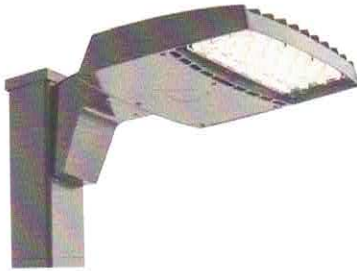
Submitted by Landreth, Inc.

**LANDRETH**  
Integrated Digital Lighting Solutions**Job Name:**BBRD 935-937 Electrical Upgrades  
Contractor: CURRENT ELECTRIC  
Distributor: CED Cocoa (Cocoa)**Catalog Number:**RSX1 LED P3 40K R5 MVOLT RPA  
NLTAIR2 PIRHN DBLXD

Notes:

**Type:****SLA**

LAND21-109231

**RSX1 LED**  
Area Luminaire**Specifications**

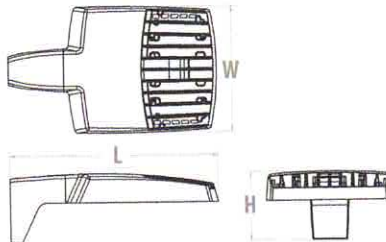
**EPA**  
(ft<sup>2</sup>@0°): 0.57 ft<sup>2</sup> (0.05 m<sup>2</sup>)

**Length:** 21.8" (55.4 cm)  
(SPA mount)

**Width:** 13.3" (33.8 cm)

**Height:** 3.0" (7.6 cm) Main Body  
7.2" (18.4 cm) Arm

**Weight:** 22.0 lbs (10.0 kg)  
(SPA mount):

Catalog  
Number

Notes

Type

**Introduction**

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

**Ordering Information****EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD****RSX1 LED**

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) <sup>2</sup>	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) <sup>3</sup>	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) <sup>4</sup>	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) <sup>6</sup>
			R4S Type 4 Short	120 <sup>3</sup> 277 <sup>5</sup>	WBA Wall bracket <sup>1</sup>
			R5 Type 5 Wide <sup>1</sup>	208 <sup>3</sup> 347 <sup>5</sup>	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short <sup>1</sup>	240 <sup>3</sup> 480 <sup>5</sup>	AASP Adjustable tilt arm square pole mounting <sup>6</sup>
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting <sup>6</sup>
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket <sup>6</sup>
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box <sup>6</sup>

**Options****Shipped Installed**

HS House-side shield<sup>7</sup>

PE Photocontrol, button style<sup>8,9</sup>

PEX Photocontrol external threaded, adjustable<sup>8,10</sup>

PER7 Seven-wire twist-lock receptacle only (no controls)<sup>9,11,12,13</sup>

CE34 Conduit entry 3/4" NPT (Qty 2)

SF Single fuse (120, 277, 347)<sup>5</sup>

DF Double fuse (208, 240, 480)<sup>5</sup>

SPD20KV 20KV Surge pack (10KV standard)

FAO Field adjustable output<sup>5,13</sup>

DMG 0-10V dimming extend out back of housing for external control (control ordered separately)<sup>9,13</sup>

**Shipped Installed****\*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2 nLight AIR generation 2<sup>13,14,15</sup>

PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2)<sup>13,15,16</sup>

**\*Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.**

**Shipped Separately (requires some field assembly)**

EGS External glare shield<sup>7</sup>

EGFV External glare full visor (360° around light aperture)<sup>7</sup>

BS Bird spikes<sup>17</sup>

**Finish**

DDBXD Dark Bronze

DBLXD Black

DNAXD Natural Aluminum

DWHXD White

DDBTXD Textured Dark Bronze

DBLBXD Textured Black

DNATXD Textured Natural Aluminum

DWHGXD Textured White

**LITHONIA**  
LIGHTING  
COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.acuitybrands.com](http://www.acuitybrands.com)  
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Lithonia RSX1 Area LED  
Rev. 02/24/21  
Page 1 of 9



**Job Name:**  
 BBRD 935-937 Electrical Upgrades  
**Contractor:** CURRENT ELECTRIC  
**Distributor:** CED Cocoa (Cocoa)

**Catalog Number:**  
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD  
**Notes:**

Type:

SLA

LAND21-109231

## Ordering Information

### Accessories

Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSRFR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSX1RPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) <sup>1</sup>
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>11</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>11</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>11</sup>
DSHORT SBK U	Shorting cap <sup>11</sup>

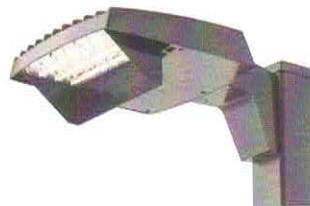
### NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
- Requires 120V, 208V, 240V or 277V.
- Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [www.acuitybrands.com](#).
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

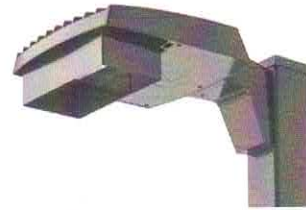
## External Shields



House Side Shield



External Glare Shield

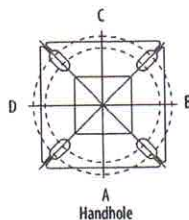


External 360 Full Visor

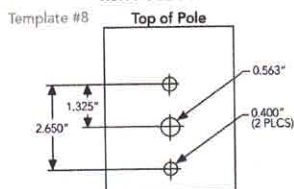
## Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

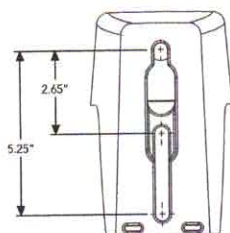
### HANDHOLE ORIENTATION



### RSX POLE DRILLING



### RSX STANDARD ARM & ADJUSTABLE ARM



### Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
2 - 3/8"	RPA, AARP	AS3-S 190	AS3-S 280	AS3-S 290	AS3-S 320	AS3-S 390	AS3-S 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

### Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

### RSX1 - Luminaire EPA

\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

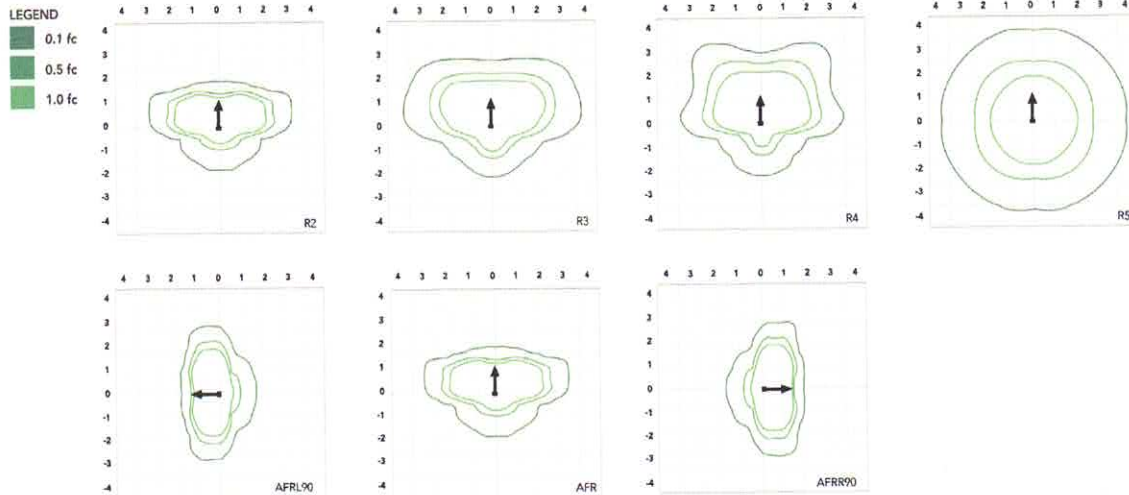
Fixture Quantity & Mounting Configuration	Single	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°	2 Side by Side	3 Side by Side	4 Side by Side
SPA - Square Pole Adaptor	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor	0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor	0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
AASP/AARP - Adjustable Arm Square/Round Pole	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD  
 Notes:
**Type:****SLA**

LAND21-109231

**Photometric Diagrams**To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').

**Performance Data****Lumen Ambient Temperature (LAT) Multipliers**

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

**Electrical Load**

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

**Projected LED Lumen Maintenance**

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.



**Job Name:**
 BBRD 935-937 Electrical Upgrades  
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 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD

Notes:

**Type:****SLA**

LAND21-109231

**Performance Data****Lumen Output**

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

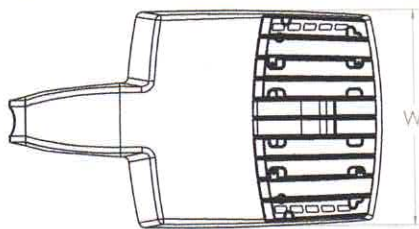
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
		R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
P2	72W	R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
		R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
P3	109W	R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
		R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
P4	133W	R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD
**Notes:****Type:****SLA**

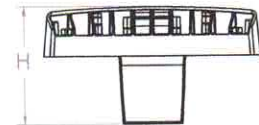
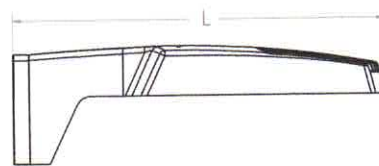
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**Dimensions & Weights****Luminaire Weight by Mounting Type**

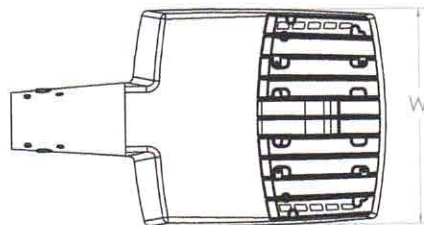
Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

**RSX1 with Round Pole Adapter (RPA)**

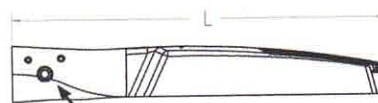
Length: 22.8" (57.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.4 cm) Arm



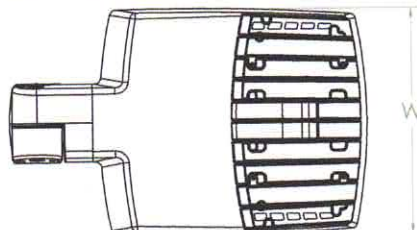
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

**RSX1 with Mast Arm Adapter (MA)**

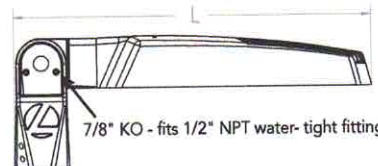
Length: 23.2" (59.1 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 3.5" (8.9 cm) Arm



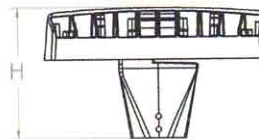
7/16" locking thru bolt/nut provided

**RSX1 with Adjustable Slipfitter (IS)**

Length: 20.7" (52.7 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.6" (19.3 cm) Arm

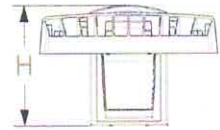
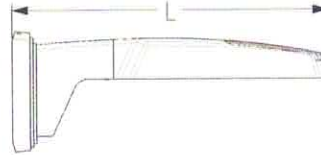
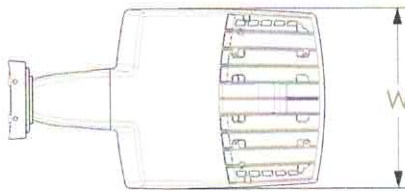


7/8" KO - fits 1/2" NPT water-tight fitting

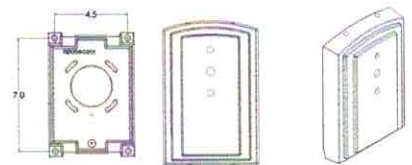
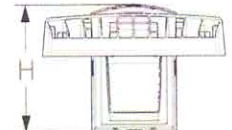
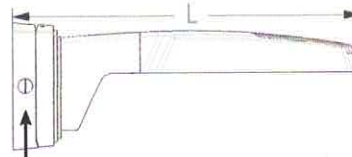
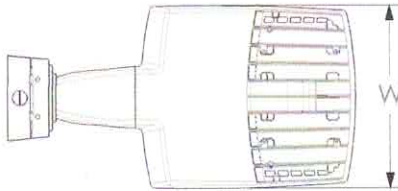


**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD
**Notes:****Type:****SLA**

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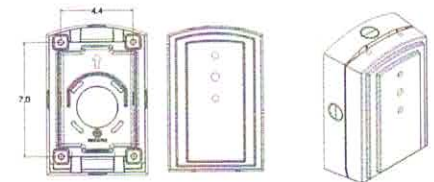
**Dimensions****RSX1 with Wall Bracket (WBA)**

Length: 23.6" (59.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

**Wall Bracket (WBA) Mounting Detail****RSX1 with Wall Bracket with Surface Conduit Box (WBASC)**

3/4" NPT taps with plugs - Qty (4) provided

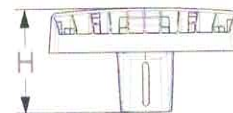
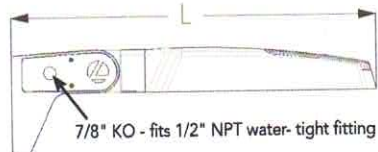
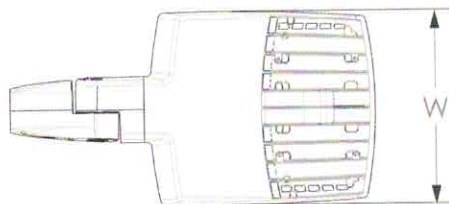
Length: 25.3" (64.3 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm

**Surface Conduit Box (SCB) Mounting Detail**

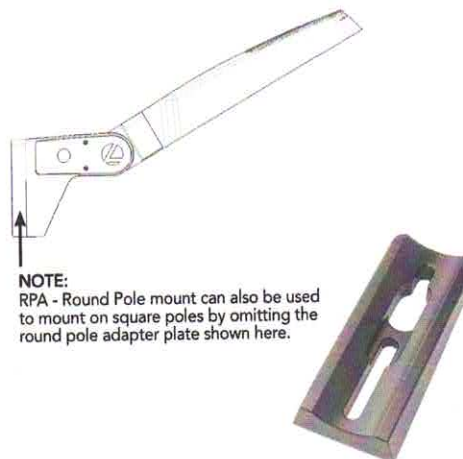


**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD
**Notes:****Type:****SLA**

LAND21-109231

**Dimensions****RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)**

Length: 25.3" (65.3 cm) AASP  
 26.3" (66.8 cm) AARP  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.2 cm) Arm

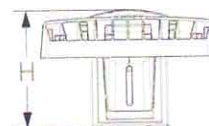
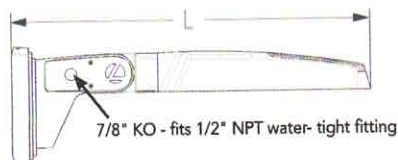
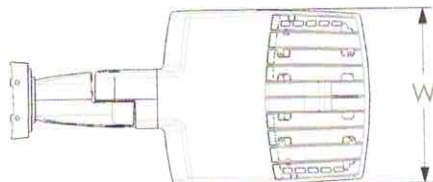
**NOTE:**

RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

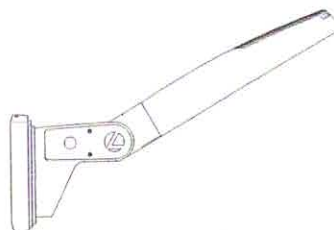
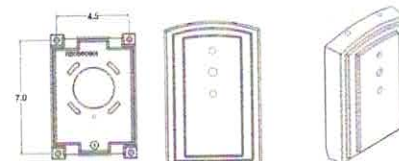
**Notes**

AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

**RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)**

Length: 27.1" (68.8 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

**Wall Bracket (WBA) Mounting Detail**



Submitted by Landreth, Inc.

**LANDRETH**  
Integrated Digital Lighting Solutions

**Job Name:**

BBRD 935-937 Electrical Upgrades  
Contractor: CURRENT ELECTRIC  
Distributor: CED Cocoa (Cocoa)

**Catalog Number:**

RSX1 LED P3 40K R5 MVOLT RPA  
NLTAIR2 PIRHN DBLXD

Notes:

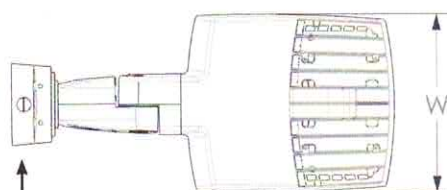
**Type:**

**SLA**

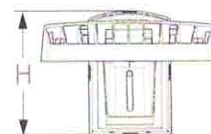
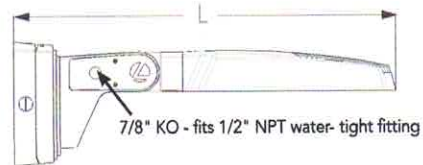
LAND21-109231

**Dimensions**

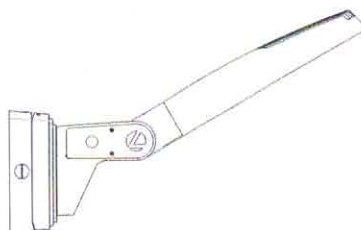
**RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)**



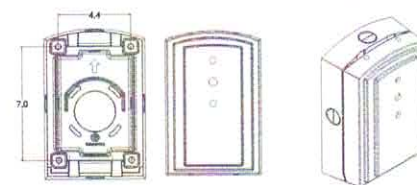
3/4" NPT taps  
with plugs - Qty (4)  
provided



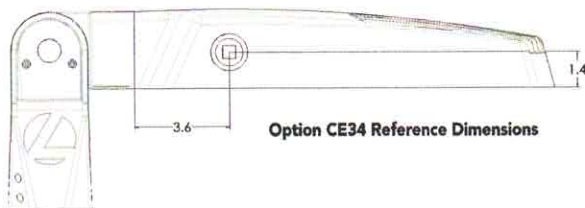
Length: 28.8" (73.2 cm)  
Width: 13.3" (33.8 cm)  
Height: 3.0" (7.6 cm) Main Body  
9.2" (23.4 cm) Arm



**Surface Conduit Box (SCB) Mounting Detail**

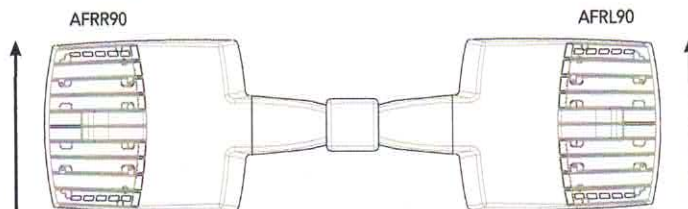


**Additional Reference Drawings**



Option CE34 Reference Dimensions

**Automotive Front Row - Rotated Optics (AFRL90/R90)**

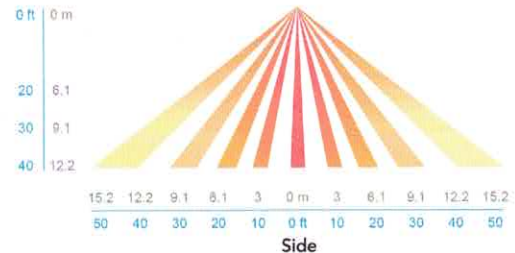
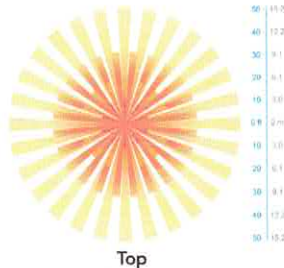
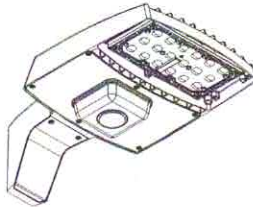


(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

Submitted by Landreth, Inc. <b>LANDRETH</b> Integrated Digital Lighting Solutions	<b>Job Name:</b> BBRD 935-937 Electrical Upgrades <b>Contractor:</b> CURRENT ELECTRIC <b>Distributor:</b> CED Cocoa (Cocoa)	<b>Catalog Number:</b> RSX1 LED P3 40K R5 MVOLT RPA NLTAIR2 PIRHN DBLXD <b>Notes:</b>	<b>Type:</b> <b>SLA</b> LAND21-109231
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## nLight Control - Sensor Coverage and Settings

### nLight Sensor Coverage Pattern NLTAIR2 PIRHN



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

\*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

## FEATURES & SPECIFICATIONS

### INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

### CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warranted not to crack or peel.

### OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and AFR190.

### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

### nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

### INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

### LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/DPL](http://www.designlights.org/DPL) to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



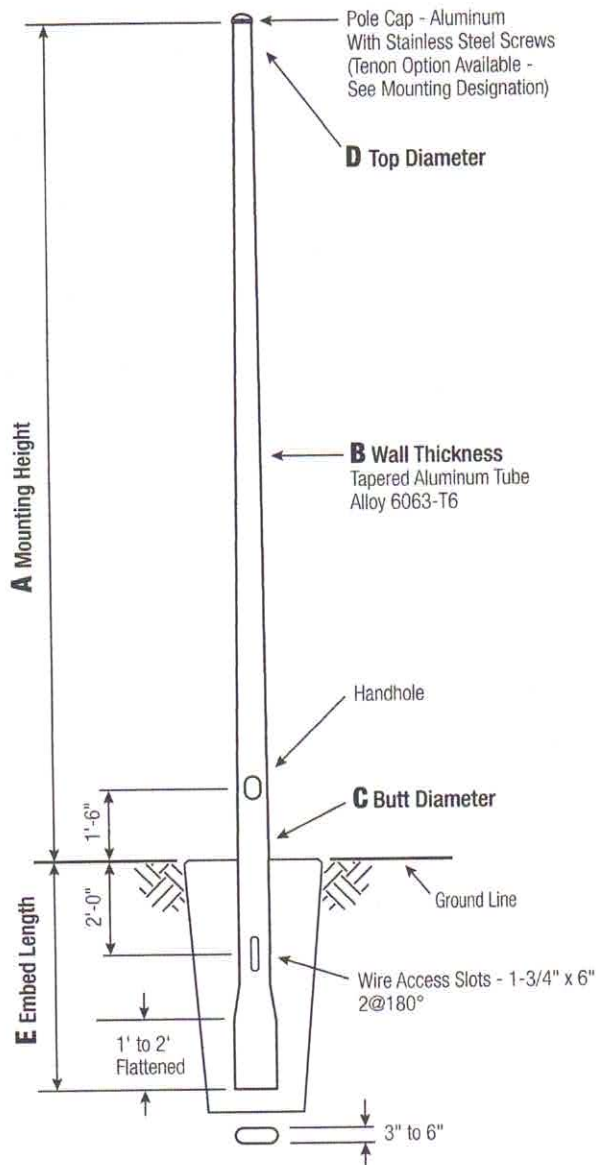
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.acuitybrands.com](http://www.acuitybrands.com)  
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Lithonia RSX1 Area LED  
Rev. 02/24/21  
Page 9 of 9



**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RTA25C6BD-BA DRILLED FOR  
 (1) TEMPLATE #8 (6 FOOT BURIAL)
**Notes:****Type:****SLE**

LAND21-109231

**RTA**
**Round Tapered Aluminum Pole  
 No Arm — Direct Buried**


Satin Aluminum or Powder Coated Finish per Customer Specification.

C BUTT DIA.	D TOP DIA.
5	3
6	4.5
7	4.5
8	4.5
9	4.5
10	6

C and D Dimensions in Inches

**Pole**

The pole shaft will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated to produce a T6 temper.

**Handhole**

**5" Butt Diameter** - 2-1/2" x 5" Handhole with curved Lap Style Aluminum Door and two (2) SS Self-Tapping Attaching Screws. A Grounding Provision is provided as part of the handhole.

**6" Butt Diameter** - Reinforced, 3" x 5" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. A Grounding Provision incorporating a 3/8" diameter hole is provided opposite the Handhole.

**7"+ Butt Diameters** - Reinforced, 4" x 6" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. Reinforced Frame will contain a tapped 3/8"-16NC Grounding Provision.

**Embed Detail**

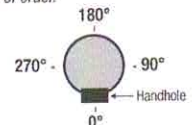
Direct Buried Pole bottom section on 6"+ butt diameter poles will be partially flattened into an anti-rotational, oval cross section. Wire access will be provided 24" below ground line. Soil conditions vary by site. Foundation requirements should be determined by a qualified Structural Engineer with knowledge of jobsite soil conditions.

**Vibration Damper**

When determined necessary by Hapco, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.

**Mounting Designation****Side Drill Mount**

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.

**Tenon Mount - Welded or Spun**

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", etc.) and length (3", 4", etc.). Tenon style is factory option. Welded Tenon can be specified.







Submitted by Landreth, Inc.

**LANDRETH**  
 Integrated Digital Lighting Solutions
**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD

Notes:

**Type:****SLE**

LAND21-109231



## RSX1 LED

### Area Luminaire

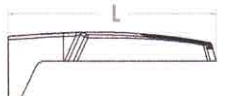
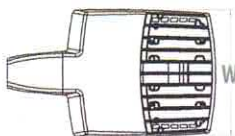
Catalog  
Number

Notes

Type

**Specifications**

<b>EPA</b> (ft <sup>2</sup> @0°):	0.57 ft <sup>2</sup> (0.05 m <sup>2</sup> )
<b>Length:</b>	21.8" (55.4 cm) (SPA mount)
<b>Width:</b>	13.3" (33.8 cm)
<b>Height:</b>	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
<b>Weight:</b> (SPA mount):	22.0 lbs (10.0 kg)

**Introduction**

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

**Ordering Information****EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD****RSX1 LED**

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) <sup>2</sup>	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) <sup>3</sup>	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) <sup>4</sup>	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) <sup>6</sup>
			R4S Type 4 Short	120 <sup>3</sup> 277 <sup>5</sup>	WBA Wall bracket <sup>1</sup>
			R5 Type 5 Wide <sup>1</sup>	208 <sup>3</sup> 347 <sup>5</sup>	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short <sup>1</sup>	240 <sup>3</sup> 480 <sup>5</sup>	AASP Adjustable tilt arm square pole mounting <sup>6</sup>
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting <sup>6</sup>
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket <sup>6</sup>
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box <sup>6</sup>

**Options****Shipped Installed**

HS	House-side shield <sup>7</sup>
PE	Photocontrol, button style <sup>8,9</sup>
PEX	Photocontrol external threaded, adjustable <sup>8,10</sup>
PER7	Seven-wire twist-lock receptacle only (no controls) <sup>8,11,12,13</sup>
CE34	Conduit entry 3/4" NPT (Qty 2)
SF	Single fuse (120, 277, 347) <sup>5</sup>
DF	Double fuse (208, 240, 480) <sup>5</sup>
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output <sup>8,13</sup>
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) <sup>8,13</sup>

**Shipped Installed****\*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2	nLight AIR generation 2 <sup>13,14,15</sup>
PIRHN	Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) <sup>13,15,16</sup>

\*Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.

**Shipped Separately (requires some field assembly)**

EGS	External glare shield <sup>7</sup>
EGFV	External glare full visor (360° around light aperture) <sup>7</sup>
BS	Bird spikes <sup>17</sup>

**Finish**

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White


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 Lithonia RSX1 Area LED  
 Rev. 02/24/21  
 Page 1 of 9

**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD
**Notes:****Type:****SLE**

LAND21-109231

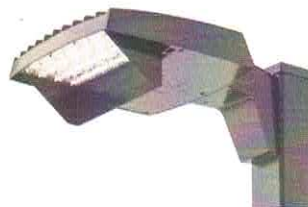
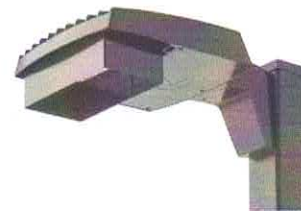
**Ordering Information****Accessories**

Ordered and shipped separately.

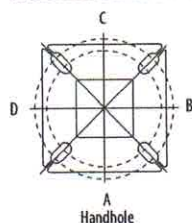
RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSX1RPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) <sup>1</sup>
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DL1127F 1.5 JU	Photocell -SSL twist-lock (120-277V) <sup>10</sup>
DL1347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) <sup>10</sup>
DL1480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) <sup>10</sup>
DSHORT SBK U	Shorting cap <sup>10</sup>

**NOTES**

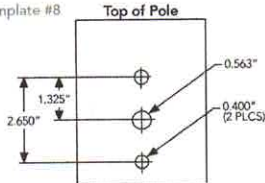
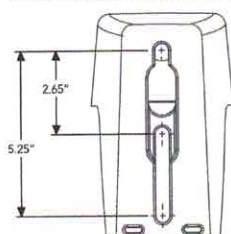
- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1 or P2. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
- Requires 120V, 208V, 240V or 277V.
- Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [www.acuitybrands.com](#).
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

**External Shields****House Side Shield****External Glare Shield****External 360 Full Visor****Pole/Mounting Information**

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

**HANDHOLE ORIENTATION****Handhole****RSX POLE DRILLING**

Template #8

**RSX STANDARD ARM & ADJUSTABLE ARM****Round Tenon Mount - Pole Top Slipfitters**










Tenon O.D.	RSX Mounting	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
2 - 3/8"	RPA, AARP	AS3-S190	AS3-S280	AS3-S290	AS3-S320	AS3-S390	AS3-S490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

**Drill/Side Location by Configuration Type**

Drilling Template	Mounting Option	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

**RSX1 - Luminaire EPA**

\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	Tilt									
SPA - Square Pole Adaptor		0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor	0 °	0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole										
	0 °	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03	
90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97	



**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
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 RSX1 LED P3 40K R5 MVOLT RPA  
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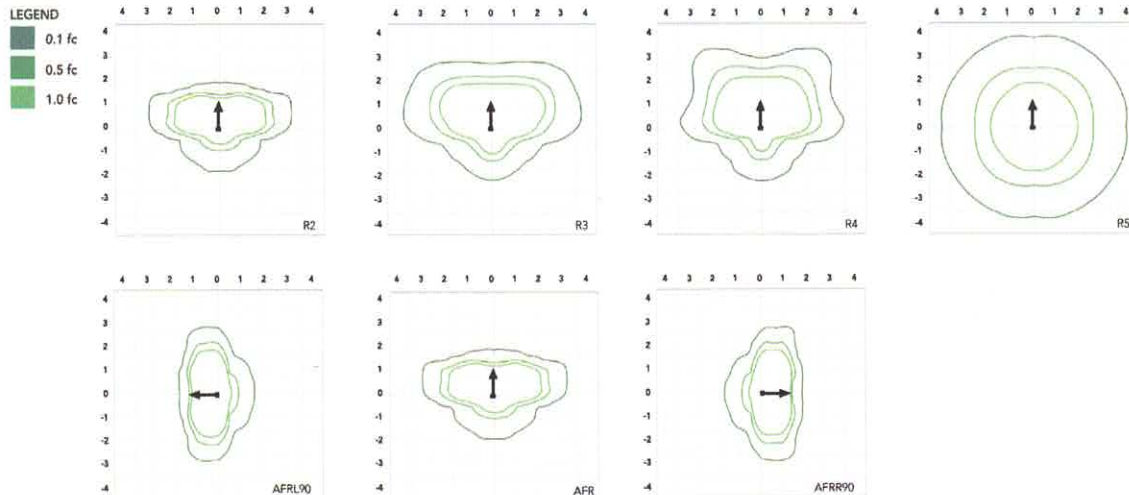
Notes:

**Type:****SLE**

LAND21-109231

**Photometric Diagrams**To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').

**Performance Data****Lumen Ambient Temperature (LAT) Multipliers**

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

**Electrical Load**

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

**Projected LED Lumen Maintenance**

Operating Hours	50,000	75,000	100,000
Lumen Maintenance factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Submitted by Landreth, Inc. <b>LANDRETH</b> Integrated Digital Lighting Solutions	<b>Job Name:</b> BBRD 935-937 Electrical Upgrades <b>Contractor:</b> CURRENT ELECTRIC <b>Distributor:</b> CED Cocoa (Cocoa)	<b>Catalog Number:</b> RSX1 LED P3 40K R5 MVOLT RPA NLTAIR2 PIRHN DBLXD <b>Notes:</b>	<b>Type:</b> <b>SLE</b> LAND21-109231
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## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

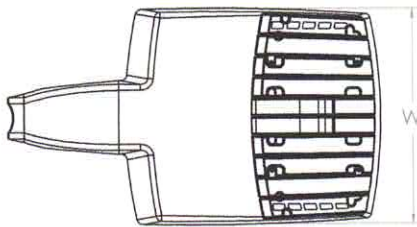
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD
**Notes:****Type:****SLE**

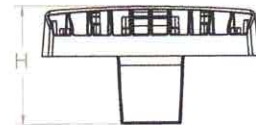
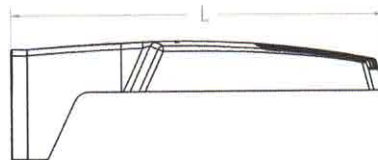
LAND21-109231

**Dimensions & Weights****Luminaire Weight by Mounting Type**

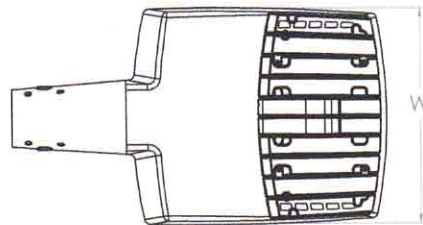
Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

**RSX1 with Round Pole Adapter (RPA)**

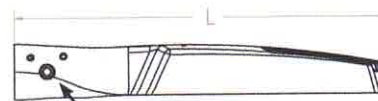
Length: 22.8" (57.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.4 cm) Arm



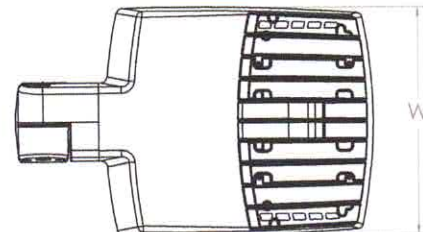
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

**RSX1 with Mast Arm Adapter (MA)**

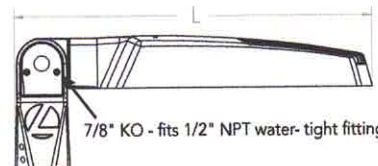
Length: 23.2" (59.1 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 3.5" (8.9 cm) Arm



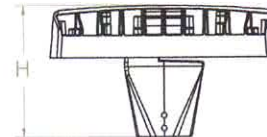
7/16" locking thru bolt/nut provided

**RSX1 with Adjustable Slipfitter (IS)**

Length: 20.7" (52.7 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.6" (19.3 cm) Arm



7/8" KO - fits 1/2" NPT water-tight fitting



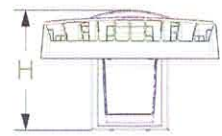
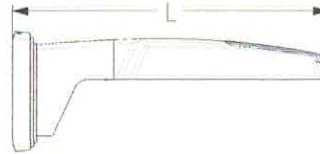
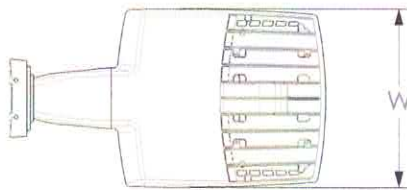


**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD

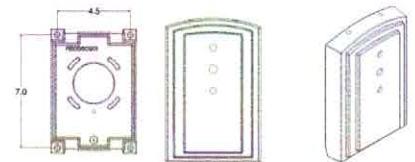
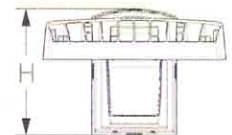
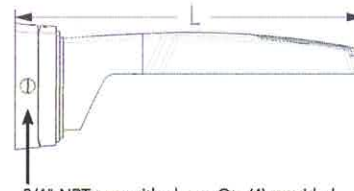
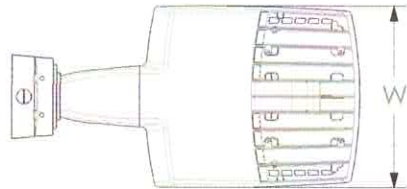
Notes:

**Type:****SLE**

LAND21-109231

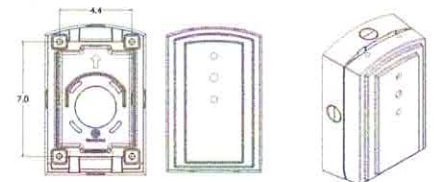
**Dimensions****RSX1 with Wall Bracket (WBA)**

Length: 23.6" (59.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

**Wall Bracket (WBA) Mounting Detail****RSX1 with Wall Bracket with Surface Conduit Box (WBASC)**

3/4" NPT taps with plugs - Qty (4) provided

Length: 25.3" (64.3 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm

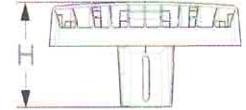
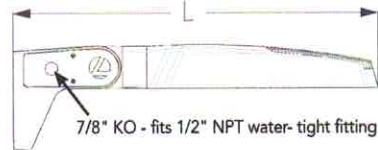
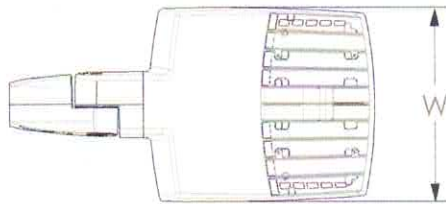
**Surface Conduit Box (SCB) Mounting Detail**

**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD

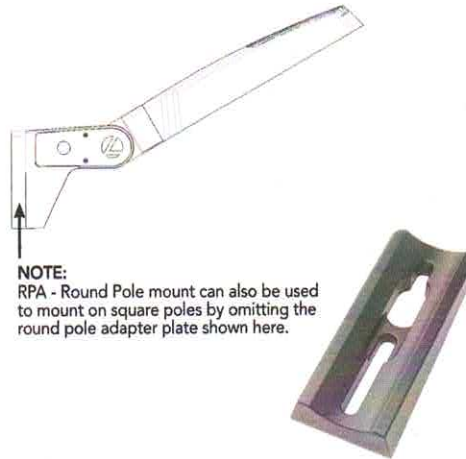
Notes:

**Type:****SLE**

LAND21-109231

**Dimensions****RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)**

Length: 25.3" (65.3 cm) AASP  
 26.3" (66.8 cm) AARP  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.2 cm) Arm

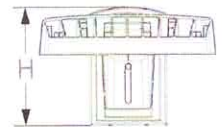
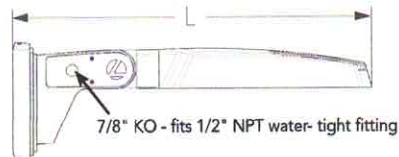
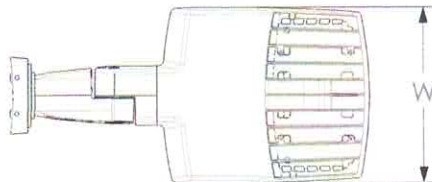
**NOTE:**

RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

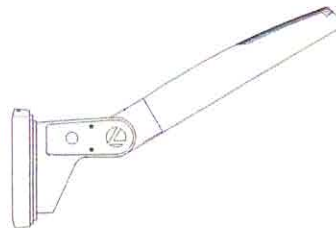
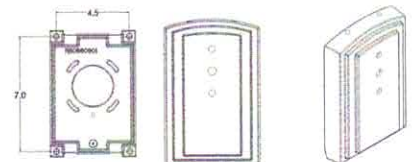
**Notes**

AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

**RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)**

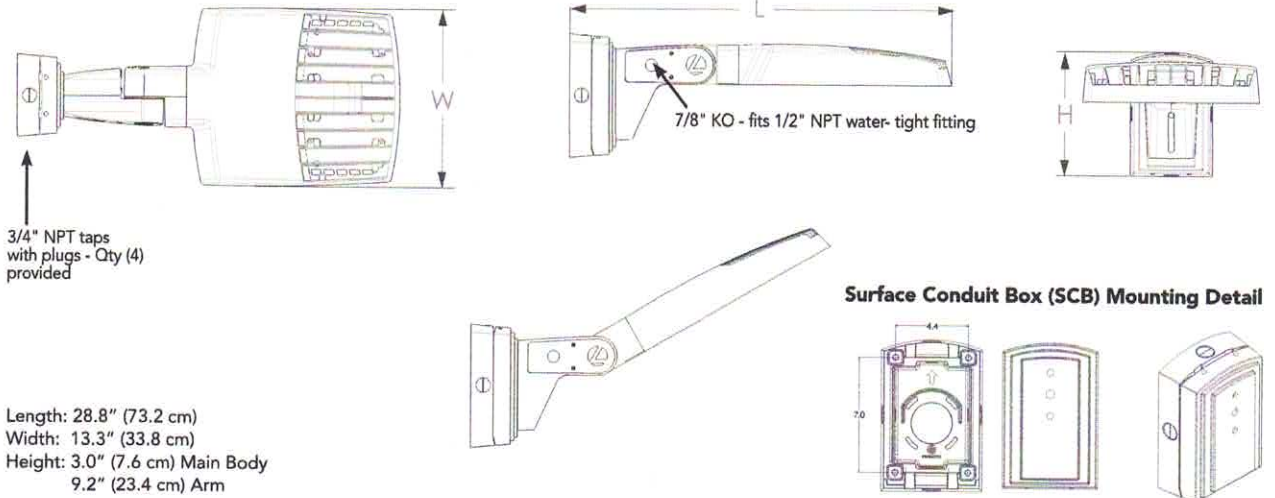
Length: 27.1" (68.8 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

**Wall Bracket (WBA) Mounting Detail**



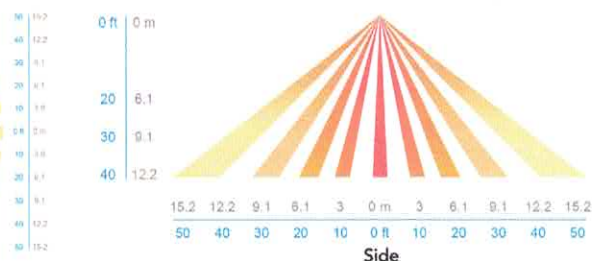
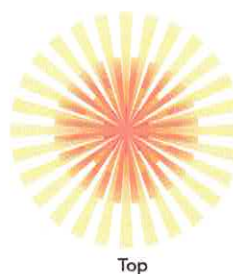
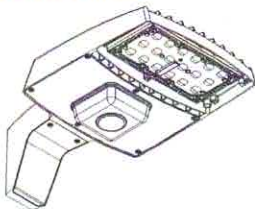
**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD  
 Notes:
**Type:****SLE**

LAND21-109231

**Dimensions****RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)**

**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 RSX1 LED P3 40K R5 MVOLT RPA  
 NLTAIR2 PIRHN DBLXD
**Notes:****Type:****SLE**

LAND21-109231

**nLight Control - Sensor Coverage and Settings****nLight Sensor Coverage Pattern****NLTAIR2 PIRHN****Motion Sensor Default Settings - Option PIRHN**

Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

\*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

**FEATURES & SPECIFICATIONS****INTENDED USE**

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

**CONSTRUCTION**

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

**FINISH**

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warranted not to crack or peel.

**OPTICS**

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFR90 and ARFL90.

**ELECTRICAL**

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

**STANDARD CONTROLS**

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

**nLIGHT AIR CONTROLS**

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocell functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLARITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

**INSTALLATION**

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

**LISTINGS**

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/CPL](http://www.designlights.org/CPL) to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

**WARRANTY**

5-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/support/customer-support/warranty-conditions](http://www.acuitybrands.com/support/customer-support/warranty-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



COMMERCIAL OUTDOOR

 One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.acuitybrands.com](http://www.acuitybrands.com)  
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 Lithonia RSX1 Area LED  
 Rev. 02/24/21  
 Page 9 of 9



Submitted by Landreth, Inc.

**LANDRETH**  
Integrated Digital Lighting Solutions**Job Name:**BBRD 935-937 Electrical Upgrades  
Contractor: CURRENT ELECTRIC  
Distributor: CED Cocoa (Cocoa)**Catalog Number:**ARC1 LED P3 40K MVOLT DMG  
E4WH DBLXD

Notes:

**Type:****WB**

LAND21-109231

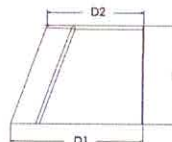
**ARC1 LED**  
Architectural Wall LuminaireCatalog  
Number

Notes

Type

**Specifications**

**Depth (D1):** 6.5"  
**Depth (D2):** 4.75"  
**Height:** 5"  
**Width:** 11"  
**Weight:** 7 lbs  
 (without options)

**Introduction**

The Lithonia Lighting ARC LED wall-mounted luminaires provide both architectural styling and visually comfortable illumination while providing the high energy savings and low initial costs for quick financial payback.

ARC1 delivers up to 3,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of ARC1, with its integrated emergency battery backup option, is ideal for over-the-door applications.

**ARC LED Family Overview**

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Approximate Lumens (4000K)				
			P1	P2	P3	P4	P5
ARC1 LED	4W	—	1,500	2,000	3,000	—	—
ARC2 LED	4W	8W	1,500	2,000	3,000	4,000	6,500

**Ordering Information****EXAMPLE: ARC1 LED P2 40K MVOLT PE DDBXD**

Series	Package	Color Temperature	Voltage	Options	Finish
ARC1 LED	P1 1,500 Lumens	30K 3000K	MVOLT 347 <sup>1</sup>	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) <sup>1</sup>	DDBXD Dark bronze
	P2 2,000 Lumens	40K 4000K		PE Button type photocell for dusk-to-dawn operation	DBLXD Black
	P3 3,000 Lumens	50K 5000K		DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>2</sup>	DNAXD Natural aluminum
				SPD6KV 6kV surge protection	DWHXD White
				FAO Field adjustable light output device. Allows for easy adjustment to the desired light levels, from 20% to 100% <sup>2</sup>	DSSXD Sandstone
					DDBTXD Textured dark bronze
					DBLTXD Textured black
					DNATXD Textured natural aluminum
					DWHGXD Textured white
					DSSTXD Textured sandstone

**Accessories**

Ordered and shipped separately.

WSBWW DDBXD U

Surface - mounted back box (specify finish)

**NOTES**

- 1 347V not available with E4WH.  
 2 FAO not available with DMG.



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Rev. 11/16/20

Submitted by Landreth, Inc.

**LANDRETH**  
 Integrated Digital Lighting Solutions
**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 ARC1 LED P3 40K MVOLT DMG  
 E4WH DBLXD

Notes:

**Type:****WB**

LAND21-109231

**Performance Data****Lumen Output**

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
		Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	11W	1,376	127	0	0	0	1,454	134	0	0	0	1,464	135	0	0	0
P2	17W	2,035	121	1	0	1	2,151	128	1	0	1	2,165	129	1	0	1
P3	25W	2,859	117	1	0	1	3,021	123	1	0	1	3,041	124	1	0	1

**Electrical Load**

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	11W	0.111	0.061	0.053	0.047	0.045
P2	17W	0.139	0.081	0.071	0.063	0.060
P3	25W	0.208	0.122	0.108	0.097	0.081

**Lumen Output in Emergency Mode (4000K, 80 CRI)**

Option	Lumens
E4WH	620

**Lumen Ambient Temperature (LAT) Multipliers**

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

**Projected LED Lumen Maintenance**

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	0.97	>0.96	>0.95	>0.91

**Photometric Diagrams**

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting ARC LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

**LEGEND**

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc

 MH = 10ft  
 Grid = 10ft x 10ft


ARC1 LED P3 40K



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 ARC1 LED  
 Rev. 11/16/20



**Job Name:**
 BBRD 935-937 Electrical Upgrades  
 Contractor: CURRENT ELECTRIC  
 Distributor: CED Cocoa (Cocoa)
**Catalog Number:**
 ARC1 LED P3 40K MVOLT DMG  
 E4WH DBLXD
**Notes:****Type:****WB**

LAND21-109231

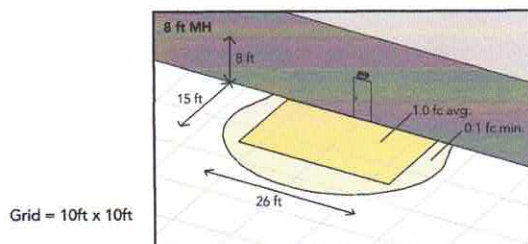
## Emergency Egress Options

### Emergency Battery Backup

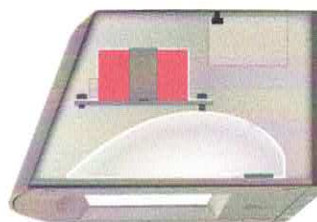
The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode.



ARC1 LED 40K MVOLT E4WH



Self-contained solution for clean aesthetic

## Mounting, Options & Accessories

**E4WH – 4W Emergency Battery Backup**

D = 6.5"

H = 5"

W = 11"

**BBW – Standard Back Box**

D = 1.5"

H = 4"

W = 5.5"

For surface conduit applications.  
 3/4" conduit entry holes.

## FEATURES & SPECIFICATIONS

**INTENDED USE**

The clean architectural shape of the ARC LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long-life LEDs and driver make this luminaire nearly maintenance-free.

**CONSTRUCTION**

The die-cast aluminum housing and door act as heat sinks to optimize thermal transfer from the light engine and driver to promote long-life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

**FINISH**

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

**OPTICS**

Recessed lens to cut off high angle light and reduce glare. Combination of diffused lens and reflector design has low surface brightness creating a visually comfortable environment with great distribution. LEDs are fully hidden from view to eliminate pixelization and harsh glare. The ARC LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

**ELECTRICAL**

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long-life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire is 0-10V dimmable.

**INSTALLATION**

The universal wall plate, supplied with the luminaire, fits multiple size junction boxes and supports the luminaire during wiring for easy installation. Built-in wet location wiring compartment on the luminaire to accommodate wiring connections for where there is no junction box. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

**LISTINGS**

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified. International DarkSky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

**WARRANTY**

5-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



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 ARC1 LED  
 Rev. 11/16/20

RFP 2021-01 Shopping Center Electrical Upgrades  
Ranking Sheet

No.	COMPANY NAME	Start Date and Number of Days of Project			Experience and References			Cost			Total Score
		Weight	Raw score	Weighted Score	Weight	Raw score	Weighted Score	Weight	Raw score	Weighted Score	
			0-10			0-10			0-10		
1		0.2			0.3			0.5			
2		0.2			0.3			0.5			
3		0.2			0.3			0.5			
4		0.2			0.3			0.5			
5		0.2			0.3			0.5			
6		0.2			0.3			0.5			
7		0.2			0.3			0.5			

Comments:

One Proposal received: Current Electrical Solutions, Inc \$186,015.00

Submitted By:

Title:

SR M. L. Allen  
DBRD Community Manager

June 7, 2021

## Board of Trustees

## Meeting Agenda Memo

Date: Tuesday, June 22, 2021

Title: **Confirmation of Approval of Proposal for Building A Fire and Smoke Detection Hardware Installation Services**

Section & Item: 12.E

Department: R&M/Capital Projects

Fiscal Impact: \$14,688.18

Contact: Matt Goetz, Property Services Manager, John W. Coffey ICMA-CM, Community Manager

Attachments: ADS signed proposal 08Jun21

Reviewed by

General Counsel: N/A

Approved by: John W. Coffey, ICMA-CM, Community Manager



### Requested Action by BOT

Confirmation of Community Manager's approval of ADS proposal for fire and smoke detection hardware installation services.

### Background and Summary Information

BBRD historically has contracted with a private company for the maintenance and monitoring of the smoke and fire detection system in Building A. Said system was partly disassembled to facilitate the renovations project. During an inspection of the building, ADS identified specific hardware that they claim they did not remove (and was not stored properly). Additionally, due to the extensive renovations to the HVAC duct work system they are unable to simply re-install specific hardware where it was previously located. Attached is the bid to test existing wiring, and re-install hardware as needed.

While the Policy Manual exempts a second quote requirement for this item (for quotes from vendors responsible for long-term maintenance or service), the cost is close to \$15K (including permitting). The general contractor will be finished within the next couple of weeks, if not sooner so the Community Manager decided not to make approval of this proposal wait till the June 22nd agenda for formal BOT approval and signed the proposal (even though it exceeded his spending limit). Although Brevard County and the Department of Business and Professional Regulations will sign off on the project after the general contractor's work is complete, we will not be able to use the building until the Fire Marshall's office signs off on the fire and smoke detection system operating properly.

Hence, for transparency purposes, staff recommends the BOT confirm the Community Manager's approval of smoke and fire detection system services for Building A in the amount of \$14,688.18.






### Acceptance of Installation Agreement

By signing below, you hereby accept the above installation services, specifications, prices and any conditions, and authorize ADS to do the work as specified. All work shall be completed in a workmanlike manner according to standard practices. Any additions, changes, alterations or deviations from the specifications above (a "Scope Change") involving extra costs will only be performed by ADS after a written change order is signed by you and ADS agreeing to the Scope Change and the related extra charges. The timely completion of work is contingent upon there being no strikes, accidents or delays beyond the reasonable control of ADS. Customer shall carry insurance that Customer deems adequate to protect the premises, and any inventory, personal property and people on or about the premises. Customer agrees to pay all invoices within thirty (30) days of presentment or receipt. An additional charge of the lesser of one and one-half percent per month or the highest amount allowed by law shall be imposed on any overdue invoices. If Customer defaults in the payment of invoices, Customer is liable for any attorney's or collection agency's fees and expenses incurred by ADS. This Installation Agreement may be withdrawn by ADS if not accepted by the Customer within 30 days by signing where indicated below.

This Installation Agreement is not binding unless approved in writing by an authorized representative of ADS. SEE TERMS AND CONDITIONS ON THE FOLLOWING TWO PAGES.

BY SIGNING BELOW, THE CUSTOMER ACKNOWLEDGES RECEIVING A COPY OF THIS AGREEMENT AND READING AND UNDERSTANDING THIS AGREEMENT, INCLUDING THE TERMS AND CONDITIONS ON THE FOLLOWING TWO PAGES. THIS AGREEMENT IS NOT BINDING UNLESS APPROVED IN WRITING BY AN AUTHORIZED REPRESENTATIVE OF ADS.

The Customer(s)	
<b>Customer Signature</b> 	<b>Customer Signature</b>
<b>Date</b> 08 June 21	<b>Date</b>
<b>Print Name</b> John W. Coffey	<b>Print Name</b>
The Company (ADS Security)	
<b>ADS Representative</b>	<b>Approved By ADS Authorized Representative *</b>
<b>Date</b>	<b>Date</b>
<b>Print Name</b> Karen Olexa	<b>Print Name</b>

## TERMS AND CONDITIONS

### 1. INSTALLATION

A. **SYSTEM:** Subject to the terms and conditions herein, Company shall install at the Location the System described within the specifications above and on the Schedule of Equipment and Installation Instructions.

B. **INSTALLATION:** Company will make reasonable efforts to begin installation within thirty (30) days after the Customer and ADS sign this Agreement and will continue until completed. Customer will be responsible for providing any necessary 110V AC power electrical outlets and telephone hookups for the System, all at Customer's sole expense. Customer shall make the Location available to Company personnel for installation during normal business hours, 8:30 a.m. to 5:00 p.m., Monday through Friday, (hereinafter referred to as "Regular Hours"). Work done outside Regular Hours at Customer's request may be subject to an additional charge. Customer authorizes Company personnel to install System, making such alterations to the Location as, in the sole discretion of the Company, are necessary for the proper installation of the System. Customer releases Company from any and all liability for damage to the Location occasioned by the normal installation of System. Unless written notice is provided to Company, Customer represents that there is no (i) Permit Confined Spaces as defined by OSHA which the Company will be required to access or enter; (ii) risk of infectious disease anywhere within or about the Location where work will be performed by the Company; (iii) need for air monitoring, respiratory protection, or other medical risk; or (iv) asbestos containing material, formaldehyde or other potentially toxic or hazardous material contained in, on or around the surface of the floors, walls, ceilings, insulation or other structural components where work will be performed by the Company ("hazardous conditions"). If hazardous conditions are encountered, Company shall have no obligation to perform work in an affected area until the area has been made safe by Customer, and Customer shall pay reasonable disruption and re-mobilization costs and expenses as reasonably determined by Company. Customer agrees to indemnify, defend and hold Company harmless for any and all damages resulting from exposure of workers to hazardous conditions, including bodily injury and property damage, attorneys' fees, court costs and expert fees. Under no circumstances shall Company be responsible for the removal or disposal of any hazardous materials.

C. **PERFORMANCE OF SYSTEM:** System shall afford various levels of access and detection services based upon the number and location of the access and detection devices. CUSTOMER ACKNOWLEDGES THAT THE SYSTEM DOES NOT AND CANNOT ASSURE THAT ANY AND ALL FIRES, INTRUSIONS, CARBON MONOXIDE, WATER FLOW, AND OTHER EVENTS, AS THE CASE MAY BE, WILL BE DETECTED UNDER ALL CIRCUMSTANCES AND CONDITIONS, AND CUSTOMER ACKNOWLEDGES THAT COMPANY ASSUMES NO LIABILITY FOR ANY DAMAGES RESULTING FROM THE MALFUNCTIONING OF THE SYSTEM, EXCEPT AS SPECIFICALLY STATED HEREIN.

### 2. GENERAL TERMS AND CONDITIONS

A. **PREVENTION OF PERFORMANCE:** Company shall not be liable for any failure to perform any installation under this Agreement or otherwise in the event that such performance is prevented or hindered by causes beyond Company's reasonable control, including but not limited to fire, flood, storms, explosions, acts of God, riots, civil commotion, terrorism, acts of war, strikes or other labor disputes, regulations or rulings of any court of law or governmental authority or agency thereof, or failure of Customer to allow Company reasonable access to all areas of the Location necessary for the installation of the System.

B. **TITLE; LIENS; RISKS OF LOSS:** Title to System and all of its component parts shall remain in Company until Customer has paid for System in full, at which time it shall become the property of the Customer. Company or any subcontractor engaged by Company to perform work or furnish materials who is not paid may have a claim against the Customer or the owner of the Location which may be enforced under applicable lien laws. After installation has commenced and at all times thereafter (until the System is paid in full and after payment in full) Customer shall bear the risk of loss thereof.

C. **SEVERABILITY:** If any provision of this Agreement or the application thereof to any person or circumstance shall be held invalid or unenforceable to any extent, the remainder of this Agreement and the application of such provision to other persons or circumstances shall not be affected thereby and shall be enforced to the greatest extent permitted by law.

D. **ASSIGNMENT:** Customer may not assign their rights and obligations under this Agreement without prior written approval of Company. Customer acknowledges that any proposed assignee must, at a minimum, meet Company's credit standards, sign an appropriate agreement, and pay a transfer fee upon Company's acceptance of the assignment, if any. COMPANY MAY ASSIGN OR SUBCONTRACT THIS AGREEMENT (IN WHOLE OR IN PART) AND THE ASSIGNEE OR SUBCONTRACTOR WILL HAVE THE RIGHT TO ENFORCE, AND RECEIVE THE BENEFIT OF, ALL TERMS AND CONDITIONS OF THIS AGREEMENT, INCLUDING, WITHOUT LIMITATION, LIMITATION OF COMPANY'S LIABILITY, INDEMNIFICATION OF COMPANY BY CUSTOMER, AND WAIVER OF SUBROGATION.

E. **NOTICES:** All notices required or permitted hereunder shall be sent by first class mail, postage prepaid, addressed to their respective addresses. Customer's address is set forth on page 1 of this Agreement. The address for ADS Security is 3001 Armory Drive, Suite 100, Nashville, TN 37204. Company or Customer may designate another address and, if so, shall notify the other party in writing.

F. **APPLICABLE LAW:** This Agreement shall be governed by the laws of the State of Tennessee, excluding such State's conflict of law principles.

G. **BINDING EFFECT:** This Agreement shall not be binding on Company until it is signed by an authorized representative of Company. When so signed by the Customer and an authorized representative of the Company, this Agreement shall be binding on Company and Customer, and their respective successors, heirs and legal representatives.

H. **INSURANCE:** Customer acknowledges and agrees that Company **IS NOT AN INSURER** of the Location or Customer's real or personal property, the real or personal property of others, or persons in or about the Location. It is Customer's sole responsibility to obtain and maintain adequate insurance coverage.

### 3. LIMITED WARRANTY

Company provides a LIMITED WARRANTY for System for ninety (90) days following the installation of the System against defects in material (except batteries) and labor. Customer shall, as a condition of this limited warranty, test and inspect the System immediately upon substantial completion of installation and advise the Company, in writing, within fifteen (15) days, of any defect, error or omission in System. At the end of said fifteen (15) days, the installation shall be deemed satisfactory to and accepted by the Customer. All warranties commence on the date of completion of the installation of the System. If any defect covered by this LIMITED WARRANTY exists and is reported in writing to Company within the warranty period, Company will, during Regular Hours, repair or, at its option, replace any defective equipment without charge. Company will be permitted to use "like new" or reconditioned parts in systems under warranty. Such replacement or repair by Company shall constitute the sole and exclusive remedy available to Customer in connection to a claim of breach of warranty relating to System and such warranty and remedy shall operate solely in favor of Customer and no other person or entity. THE SOLE PURPOSE OF THIS SPECIFIC EXCLUSIVE REMEDY SHALL BE TO PROVIDE THE CUSTOMER WITH REPAIR OR REPLACEMENT OF DEFECTIVE PARTS, AT THE OPTION OF COMPANY IN THE MANNER PROVIDED HEREIN. THIS EXCLUSIVE REMEDY SHALL NOT BE DEEMED TO HAVE FAILED OF ITS ESSENTIAL PURPOSE SO LONG AS COMPANY IS WILLING AND ABLE TO REPAIR OR REPLACE DEFECTIVE PARTS IN THE PRESCRIBED MANNER.(continued on following page...)

(continued from previous page...)The LIMITED WARRANTY herein made by Company shall not extend to the following: (1) System damage resulting from fire, flood, storm, electrical malfunction, accident, terrorism, act of God or from alteration, misuse or abuse of System of any person whatsoever; (2) damage resulting from Customer's failure to observe any operating instructions furnished by Company; (3) damage to System occasioned by malfunction of radio or telephone equipment or lines; or (4) damage resulting from System being compromised, circumvented or vandalized. THE LIMITED WARRANTY HEREIN MADE BY COMPANY IS IN LIEU OF ALL OTHER WARRANTIES WITH RESPECT TO SYSTEM, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No Company salesperson or other representative is authorized to alter or modify this LIMITED WARRANTY in ANY respect whatsoever and no such alteration or modification shall be binding on the Company.

#### **4. LIMITATION OF COMPANY'S LIABILITY**

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IF COMPANY IS FOUND LIABLE FOR ANY LOSS OR DAMAGE WHATSOEVER DUE TO BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE OF ANY KIND OR DEGREE, STRICT PRODUCT LIABILITY, INDEMNIFICATION OR CONTRIBUTION, OR ANY OTHER THEORY OF LIABILITY WHATSOEVER ARISING IN ANY WAY FROM ANY FAILURE OF THE SYSTEM, OR ANY COMPONENT THEREOF, IN ANY RESPECT, OR A FAILURE OF COMPANY OR OTHERS TO PERFORM, OR PROPERLY PERFORM, ANY OF THE OBLIGATIONS CONTRACTED FOR HEREIN, INCLUDING, BUT NOT LIMITED TO, RECOMMENDATIONS, DESIGN, INSTALLATION, REPAIR, MONITORING, SERVICES, OR ANY OTHER SERVICES WHICH THE CUSTOMER CLAIMS WERE PROVIDED OR SHOULD HAVE BEEN PROVIDED UNDER THIS AGREEMENT, THE COMPANY'S MAXIMUM LIABILITY WILL BE LIMITED TO A SUM NEVER TO EXCEED THE TOTAL SUM IN THIS AGREEMENT, COLLECTIVELY FOR COMPANY, ITS EMPLOYEES, AGENTS, SUBCONTRACTORS AND REPRESENTATIVES, AND THIS LIABILITY SHALL BE EXCLUSIVE. COMPANY MAY AGREE TO ASSUME A GREATER LIABILITY, BUT ONLY FOR AN ADDITIONAL CHARGE TO BE AGREED UPON BY CUSTOMER AND COMPANY. IF COMPANY DOES AGREE TO ASSUME A GREATER LIABILITY, A RIDER WILL BE ATTACHED TO THIS AGREEMENT WHICH MUST BE SIGNED BY COMPANY AND CUSTOMER TO BE BINDING. THIS LIMITATION OF LIABILITY SPECIFICALLY COVERS LIABILITY FOR, AMONG OTHER THINGS, LOST PROFITS; LOST OR DAMAGED PROPERTY; LOSS OF USE OF PROPERTY OR THE PREMISES; BUSINESS INTERRUPTION; GOVERNMENT FINES AND CHARGES; PERSONAL INJURIES OR DEATH; ECONOMIC DAMAGES; NON-ECONOMIC DAMAGES; PAIN AND SUFFERING; LOST WAGES; LOSS OF EARNING CAPACITY; CROSS-CLAIMS AND OTHER CLAIMS FOR INDEMNITY AND CONTRIBUTION; AND THE CLAIMS OF THIRD PARTIES. ALSO COVERED BY THIS LIMITATION ARE THE FOLLOWING TYPES OF DAMAGES: DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL AND PUNITIVE.

#### **5. NO THIRD-PARTY BENEFICIARIES; INDEMNIFICATION OF COMPANY; AND SUBROGATION WAIVER**

CUSTOMER AND COMPANY AGREE THAT THERE ARE NO THIRD PARTY BENEFICIARIES TO THIS AGREEMENT. TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, CUSTOMER AGREES TO INDEMNIFY, DEFEND, RELEASE AND HOLD COMPANY HARMLESS FROM AND AGAINST (I) ALL CLAIMS, ACTIONS, LAWSUITS AND ANY OTHER LEGAL ACTION BROUGHT BY ANY THIRD PARTY AGAINST THE COMPANY ARISING IN ANY WAY FROM THIS AGREEMENT OR THE SERVICES (A "THIRD PARTY ACTION"); AND (II) ANY AND ALL RELATED LOSSES, DAMAGES, SETTLEMENTS AND JUDGMENTS (INCLUDING PAYMENT OF ATTORNEYS' FEES AND COSTS OF THE COMPANY) INCURRED BY, ASSESSED OR FOUND AGAINST, OR MADE BY COMPANY RELATING TO OR ARISING FROM ANY SUCH THIRD PARTY ACTION ("THIRD PARTY RELATED LOSSES"), EVEN IF SUCH THIRD PARTY ACTION AND THIRD PARTY RELATED LOSSES ARISE FROM THE NEGLIGENCE OF ANY KIND OR DEGREE OF THE COMPANY, BREACH OF CONTRACT OR WARRANTY, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY. THE THIRD PARTY INDEMNIFICATION OBLIGATION OF THE CUSTOMER HEREIN SHALL NOT APPLY TO ANY RECKLESSNESS, WILLFUL, WANTON OR INTENTIONAL MISCONDUCT OF THE COMPANY OR GROSS NEGLIGENCE IN THOSE STATES THAT DO NOT PERMIT INDEMNIFICATION FOR GROSS NEGLIGENCE. CUSTOMER HEREBY WAIVES ALL CLAIMS FOR RECOVERY AGAINST COMPANY AND OTHERS FOR ANY LOSS OR DAMAGE OF WHATEVER KIND OR SORT INSURED UNDER ANY POLICIES OF INSURANCE. THIS WAIVER OF SUBROGATION RIGHT SHALL EXTEND TO ALL FORMS OF SUBROGATION, INCLUDING, BUT NOT LIMITED TO, EQUITABLE AND CONVENTIONAL SUBROGATION, AND SHALL BE BINDING ON ANY AND ALL ASSIGNEES OR SUBROGEEES OF CUSTOMER'S RIGHTS.

#### **6. LIMITATION OF ACTIONS**

ANY LEGAL ACTION BY CUSTOMER AGAINST COMPANY MUST BE COMMENCED WITHIN ONE (1) YEAR AFTER THE CUSTOMER INCURS ANY ASCERTAINABLE LOSS RESULTING FROM ANY ACT, OMISSION OR WRONGDOING OF THE COMPANY, OR THE CUSTOMER SHALL BE FOREVER TIME-BARRED FROM TAKING LEGAL ACTION ARISING FROM SAID ACT, OMISSION OR WRONGDOING; TIME BEING OF THE ESSENCE.

#### **7. MUTUAL JURY TRIAL WAIVER**

TO THE FULLEST EXTENT PERMITTED BY LAW, COMPANY AND CUSTOMER BOTH GIVE UP THE RIGHT TO A JURY TRIAL.

#### **8. STATE OF ALABAMA NOTICE**

If Customer is a resident of the State of Alabama, complaints may be directed to: The Executive Director, The Alabama Electronic Security Board of Licensure, 7956 Vaughn Road, Suite 392, Montgomery, AL 36116. Customer may also call (334) 264-9388 or fax to (334) 264-9332.

#### **9. NORTH CAROLINA CONTACT INFORMATION**

North Carolina Alarm Systems Licensing Board, 3101 Industrial Drive, Suite 104, Raleigh, NC 27609, Telephone Number (919) 788-5320.

#### **10. LICENSE NUMBERS**

AL 001 050 062 072 073 080 083 094 231 1562 1640 A-0269 A-0273 A-0299 A-0625 A-0670 S-55514, FL EF20000867 EF20001268 FPC20-000121, GA LVU406710 LVA205186 LVA205624 LVA206076 LVA206037, IL 127001654, MS 15008579 10072508 10051129, NC 2554-CSA SP.FA/LV.30986, SC BAC.5181 FAC.3221 BAC.13628 FAC.13633 BAC.13696 FAC.13663 BAC.13780 FAC.13733 FAC.13731, TN 183 685 1417 1571 1951 Reference [www.adssecurity.com/legal/licenses](http://www.adssecurity.com/legal/licenses) for license information.



## Schedule of Equipment and Installation Instructions

Existing System #3

Cust. No. 8010200
CS No.
Job No.

Equipment to be Installed (summary by location)		Equipment to be Installed (summary by equipment type)	
Location/Description	Quantity	Description	Quantity
<b>Equipment</b>		<b>Smoke Detector (Addressable)</b>	
Smoke Detector (Addressable)	2	ASD-SKN-SK-SD505PHOT	2
Smoke Detector	12	<b>Smoke Detector</b>	
Pull Alarm Station (Fire)	1	SMD-SKN-SK-SD5056AB	12
Heat Detector	10	<b>Pull Alarm Station (Fire)</b>	
Fire Zone Module	4	PAS-SKN-SK-SD500PS	1
Fire Zone Module	3	<b>Heat Detector</b>	
Fire Alarm Accessory	3	HTD-SKN-SK-SD505HEAT	10
Duct Smoke Detector	3	<b>Fire Zone Module</b>	
Duct Smoke Detector	3	FZM-SKN-SK-SD500MIM	4
Siren and/or Strobe - Fire	7	FZM-SKN-SK-SD500ARM	3
Siren and/or Strobe - Fire	2	<b>Fire Alarm Accessory</b>	
		FAA-SKN-SK-SD505T5	3
		<b>Duct Smoke Detector</b>	
		DSD-SKN-SK-SD505DTSK	3
		DSD-SKN-SK-SD505DCTR	3
		<b>Siren and/or Strobe - Fire</b>	
		FSS-SYS-BK-SPSCR	7
		FSS-SYS-BK-SPSRK	2

Communication Paths		Control Panel Programming
Primary	Secondary	By Technician

Special Conditions
Extra Labor, Bldg/Site, 1 unit(s) - Tracing and toning of cut wires, re-wiring, etc
Extra Materials, 1 unit(s) - Wire, boxes, etc.
AHJ Inspection, 1 unit(s) -
Permits, 1 unit(s) - Permit with Brevard County
Sub-contracted Services, 1 unit(s) - CADD shop drawing fee with engineering stamp
Notes & Special Installation Instructions





## Scope of Work

Existing System #3

Cust. No. 8010200

CS No.

Job No.

### Summary of Materials, Installation, and Services to be Provided

Trace, tone and replace existing cut wiring. Test all devices connected to make sure they still work. Install devices taken down by others with new devices (due to contamination).

Install new devices per permitted plans. Connect to new hood system. Install WP speaker strobes inside new cooler.

Have shop drawings done and pull permit with Brevard County. Have final inspection with BC.

Client understands that some existing devices (other than ones taken down by others - see above paragraph) may have been damaged by others cutting wires; circuits may be damaged. This will constitute a change order.

## Board of Trustees

## Meeting Agenda Memo

Date: Tuesday, June 22, 2021

Title: **Proposal to Change BBRD's Charter to Increase the Size of the BOT to Seven Members and Three-year Terms**

Section & Item: 12.F

Department: Administration, District Clerk

Fiscal Impact: TBD

Contact: Cliff Repperger, General Counsel, General Counsel, John W. Coffey ICMA-CM, Community Manager

Attachments: BBRD-Charter-and-Amendments updated 2018, HB 1157 (2007)

Reviewed by

General Counsel: Yes

Approved by: John W. Coffey, ICMA-CM, Community Manager



### Requested Action by BOT

Review of Trustee Grunow's proposal to amend the BBRD Charter to increase the number of Trustees to seven members with three-year terms and direction to staff.

### Background and Summary Information

The BBRD Charter, adopted in 1984, originally included a nine member BOT with two-year terms. HB1157 was enacted into law in 2007 that upon the approval of the voters (November 6, 2007 special election) transitioned the size of the BOT to seven-members and then to the current five-members.

Earlier in this year, the BOT has on occasion discussed the pros and cons of expanding the size of the BOT to seven members and lengthening the term of service. Trustee Grunow requested this item be placed on the agenda for consideration.

General Counsel Repperger provided the following guidance regarding how to pursue such course of action in an email on June 14, 2021:

*Taking the Board of Trustees to seven (7) members with three (3) year terms would require a local bill sponsored by Rep. Fine or Senator Mayfield. The delegation meeting is probably very early this year (no later than October 2021), given the early start of the 2022 legislative session in January 2022. It may be possible to get support from Rep. Fine or Mayfield, but unanimous delegation support is also required. For that to happen bill language also needs to be drafted, reviewed, and authorized by the bill sponsor.*

*This item would not go to referendum this year, but possibly in November 2022 if supported by the legislative delegation and a local bill passes in the 2022 Legislative Session. It is very important to keep in mind, given the fact that HB 1157 (2007) (attached) gave the District authority to change the Board from its statutorily established number nine (9) to five (5), there will likely be a fair amount of push back in suggesting that the Board now go to seven (7) members.*

*Alternatively, the Board could authorize a referendum to propose effectively undoing the effect of HB 1157 and go back to a nine (9) member Board (with two (2) year terms) without another local legislative act, but I think that would probably be met with a similar amount of push back from the resident electors of the District (who approved going to a five (5) member Board of Trustees in the 2008 referendum election).*

*If you are interested in pursuing the seven (7) member initiative, I suggest having the Board authorize you to make an*

*appointment with Rep. Fine as soon as possible to see if he would support a local bill at the 2021 legislative delegation meeting. That would be the first step. I'd be glad to help in any way that I can.*

Staff requests direction on this matter.

AN ORDINANCE CREATING A MOBILE HOME PARK RECREATION DISTRICT FOR THE BAREFOOT BAY MOBILE HOME SUBDIVISION IN ACCORDANCE WITH SECTIONS 34 THROUGH 38, INCLUSIVE, OF CHAPTER 83-204, LAWS OF FLORIDA; NAMING SUCH DISTRICT THE "BAREFOOT BAY RECREATION DISTRICT", SETTING FORTH A CHAPTER FOR SAID DISTRICT; ESTABLISHING THE BOUNDARIES OF SAID DISTRICT; ESTABLISHING THE POWERS OF SAID DISTRICT, INCLUDING, BUT NOT LIMITED TO, THE POWER TO BORROW MONEY, TO ESTABLISH AND ENFORCE ASSESSMENTS FOR IMPROVEMENTS AGAINST REAL PROPERTY LOCATED IN THE DISTRICT; AND TO PURCHASE AND ENCUMBER REAL PROPERTY; PROVIDING FOR THE COMPOSITION AND ELECTION OF A BOARD OF TRUSTEES; PROVIDING FOR THE ESTABLISHMENT OF AN ANNUAL BUDGET; PROVIDING FOR A REFERENDUM ELECTION BY THE ELECTORS IN SAID DISTRICT TO APPROVE THE CHARTER FOR SAID DISTRICT; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the 1983 Florida Legislation has authorized the creation of independent special districts known as "mobile home park recreation districts" by the enactment of Sections 34 through 38 of Chapter 83-204, Laws of Florida; and

WHEREAS, the residents of Barefoot Bay, a mobile home subdivision located in Brevard County, Florida, have petitioned the Board of County Commissioners of Brevard County to establish such a mobile home park recreation district for the said Barefoot Bay subdivision; and

WHEREAS, the formation of such a mobile home park recreation district for Barefoot Bay will enable the residents thereof to acquire, by and through the trustees of the district, ownership and operation of certain recreation facilities and common areas located within Barefoot Bay; and

WHEREAS, the Board of County Commissioners of Brevard County finds that it is desirable to create such a district for Barefoot Bay, subject to the approval of a majority of the electors residing in the proposed district; and

WHEREAS, Barefoot Bay, as described herein, is a "mobile home park" under Chapter 83-204, Laws of Florida.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, that:

Section 1. Subject to the approval by the majority of the electors residing in the Barefoot Bay subdivision as hereinafter provided, the following charter for the Barefoot Bay Recreation District is hereby adopted.

OFFICIALLY FILED WITH  
THE SECRETARY OF STATE:  
FEBRUARY 29, 1984



CHARTER OF THE BAREFOOT BAY RECREATION DISTRICT

ARTICLE I

PURPOSE AND INTENT

It is the purpose and intent of this Charter to establish a mobile home park recreation district in accordance with Chapter 83-204, Laws of Florida, for that subdivision of Brevard County known as Barefoot Bay. By the creation of the said district, the residents of Barefoot Bay shall be empowered to acquire, by and through the trustees of the said district, ownership of the recreation facilities and other common areas located within Barefoot Bay.

ARTICLE II

NAME OF DISTRICT

The mobile home park recreation district created by this Charter shall be known as the "Barefoot Bay Recreation District".

ARTICLE III

AREA INCLUDED WITHIN DISTRICT

The Barefoot Bay Recreation District shall include the following land areas in Brevard County, Florida:

The East  $\frac{1}{4}$  of Section 9, Township 30 South, Range 38 East;

and

The Southeast  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$ , Section 9, Township 30 South, Range 38 East;

and

The West  $\frac{1}{4}$  of Section 10, Township 30 South, Range 38 East;

and

The Southeast  $\frac{1}{4}$  of Section 10, Township 30 South, Range 38 East;

and

The Northeast  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$ , Section 15, Township 30 South, Range 38 East;

and

The North 1320 feet of the Northwest  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$ , less the West 327.90 feet thereof and less the West 330 feet of the East 660 feet of the South 330 feet of the North 1320 feet thereof, Section 15, Township 30 South, Range 38 East;

and

The South  $\frac{1}{4}$  of the Southwest  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$ , Section 15, Township 30 South, Range 38 East;

and

The North 261.75 feet of the Northwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$ , Section 15, Township 30 South, Range 38 East;

and

The East  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$ , Section 15, Township 30 South, Range 38 East;

and

The Southeast  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$ , Section 15, Township 30 South, Range 38 East;

and

Government Lot 1, Section 15, Township 30 South, Range 38 East;

and

The North 5 acres of the West 10 acres of the Northwest  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$ , Section 15, Township 30 South, Range 38 East;

and

The North 28 acres of the Southeast  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$  of Section 15, Township 30 South, Range 38 East;

and

The South 909 feet of Government Lot 2 and the North 493 feet of Government Lot 3, Section 11, Township 30 South, Range 38 East, less and except those parcels described in Official Records Book 2090, Page 638; Official Records Book 1966, Page 1025; Official Records Book 1966, Page 56; Official Records Book 1477, Page 45; and Official Records Book 588, Page 726, of the public records of Brevard County, Florida;

and

The West 400 feet of the South 329 feet of Government Lot 3, Section 11, Township 30 South, Range 38 East;

and

The South 300 feet of Government Lots 4 and 5, Section 6, Township 30 South, Range 39 East, less and except that parcel described in Official Records Book 2232, Page 474, of the public records of Brevard County, Florida.

#### ARTICLE IV

##### POWERS OF DISTRICT

As provided in Section 36 of Chapter 83-204, Laws of Florida, the Barefoot Bay Recreation District shall have the following powers, and all further or additional powers as may be necessary or useful in order to exercise the following powers:

1. To sue and be sued and to have a corporate seal.
2. To contract and be contracted with.

3. To acquire, purchase, construct, improve, equip and maintain streets and lights, recreation facilities and other common areas of all types, including real and personal property within the area set forth in Article III above, whether such acquisition is by purchase, lease, gift or otherwise.
4. To levy and assess a special assessment known as a "recreation district tax" against all improved residential parcels within the district for the purpose of providing funds to implement the powers of the district, subject to the provision of Article VI hereinbelow.
5. To issue bonds or notes to finance, in whole or in part, the cost of construction, acquisition or improvement of common real or personal property of the district. The trustees of the district, in determining such costs, may include all costs and estimated costs of the issuance of the bonds or notes; all engineering, inspection, fiscal and legal expenses; all costs of preliminary surveys, plans, maps and specifications; initial reserve funds for debt service; the costs of the services of persons, firms, corporations, partnerships or associations employed, or consultants, advisors, engineers or fiscal, financial or other experts in the planning, preparation and financing of the district. The trustees are also hereby authorized to employ and to enter into agreements or contracts with consultants, engineers, attorneys, certified public accountants or fiscal, financial or other experts for the planning, preparation and financing of the district or any asset thereof upon such terms and conditions as the trustees deem desirable and proper. The district may pledge to the punctual payment of bonds, notes or revenue certificates and interest thereon an amount of the revenue from the special assessments known as recreation district taxes, as well as fees derived from the use of facilities and services of the district, including acquisitions, extensions and improvements thereof, sufficient to pay the bonds, notes and revenue certificates and the interest thereon, as the same shall become due, and to create and maintain reasonable reserves therefor.
6. To operate and maintain recreational facilities or to enter into arrangements with others for such operation and maintenance pursuant to contract, lease or otherwise.
7. To establish, charge and collect such reasonable fees as may be from time to time established by the trustees of the district for admission to or use of recreational facilities by residents and non-resident owners within the district, their family members, and guests, and such other persons and groups as the Trustees may authorize from time to time, and to apply such fees to the operation, maintenance, improvement, enlargement or acquisition of recreational facilities, or to the payment of bonds, notes or revenue certificates of the district.

8. To adopt and enforce rules for the use of the recreational facilities owned or operated by the district.
9. To employ all personnel, including private security guards deemed necessary for the operation and maintenance of the facilities of the district.
10. To adequately insure the facilities, properties and operations of the district, as well as the trustees of the district jointly and severally in the performance of their duties.
11. To buy, sell, rent or lease real and personal property, and to deliver purchase money notes and mortgages in connection with the acquisition of property.
12. To adopt rules and regulations not inconsistent with existing deed restrictions and to use district funds in the administration and enforcement of such rules, regulations and deed restrictions. The Barefoot Bay Recreation District shall have the specific power to enforce those restrictions appearing in the following deeds of restrictions and amended deeds of restrictions recorded in the official records of Brevard County, Florida, and all future amendments thereto:

<u>Official Record Book</u>	<u>Page</u>
OR 1093	496
OR 1101	466
OR 1101	473
OR 1101	480
OR 1101	487
OR 1110	925
OR 1129	587
OR 1151	118
OR 1248	559
OR 2247	1359
OR 2391	2461

13. To enter into contracts involving the purchase, lease, conveyance or other manner of acquisition of common real or tangible personal property. In any instance when the cost, price or consideration for such acquisition exceeds Twenty-five Thousand Dollars (\$25,000.00), including all obligations proposed to be assumed in connection with such acquisition, such purchase, lease, conveyance or acquisition shall not be approved unless and until:
  - (a) The trustees, by two-thirds (2/3) vote, have approved the terms and conditions of such acquisition by written resolution;
  - (b) Within not less than thirty (30) nor more than sixty (60) days after the date of the resolution, the trustees certify the resolution to the Supervisor of Elections of Brevard County for a referendum election;
  - (c) A majority of the qualified electors of the district approve the resolution by referendum election.



## ARTICLE V

### BOARD OF TRUSTEES

1. General Powers and Duties. The governing body of the Barefoot Bay Recreation District shall be known as the Board of Trustees. The Board of Trustees shall exercise all of the powers of the district set forth in Article IV above, and shall have all duties useful and necessary to the exercise of such powers. Except as otherwise provided in this Charter, no action of the Board of Trustees shall be taken except upon the vote of a majority of the entire membership of the board. A majority of the board shall also constitute a quorum for the official conduct of business by the board.

2. Composition and Qualifications. The Board of Trustees shall consist of nine (9) members elected by the electors of the district. Each member of the Board of Trustees shall be a resident of the district and shall be a qualified elector of the district.

3. Elections of Trustees.

- (a) Qualified persons desiring to have their names placed on the ballot for election as trustees of the Barefoot Bay Recreation District shall present a written petition to the Supervisor of Elections of Brevard County not less than sixty (60) days prior to the date of each election, which petition shall be signed by the applicant and not less than twenty-five (25) other electors of the district.
- (b) Elections for the Board of Trustees shall be held annually on the first Tuesday after the first Monday of November, beginning in 1984. Notice of an election setting forth the names of the persons who have qualified as candidates for the Board of Trustees shall be given by the Supervisor of Elections by mail addressed to each qualified elector not less than fifteen (15) days before the date of the election, and shall also be published one time at least ten days prior to such election in a newspaper of general circulation in Brevard County. Notwithstanding the provisions of Section 101.20, Florida Statutes, the publication of a sample ballot shall not be required. The Supervisor of Elections shall be entitled to a reasonable reimbursement for conducting each election, payable out of the general funds of the district.
- (c) In the election to be held for the first Board of Trustees in 1984, the candidates receiving the first, third, fifth, seventh and ninth highest number of votes shall be elected to serve for a term of two years; and the candidates receiving the second, fourth, sixth and eighth highest number of votes shall be elected to serve for a term of one year. Thereafter, elections for the Board of Trustees shall be held annually as specified in Section 3(b) of this Article,

and those persons elected after the initial election shall be elected to serve for a term of two years or until their successors are duly qualified. Any trustee may succeed himself in office.

4. Vacancies on the Board of Trustees. Any vacancy on the Board of Trustees shall be filled for the unexpired term by the appointment by the remaining trustees of a successor from among the qualified electors of the district.

5. Removal of Trustees. Any trustee who fails to discharge his duties may be removed for cause by the remaining members of the Board of Trustees after due notice and an opportunity to be heard upon charges of malfeasance or misfeasance.

6. Organization of Board. The Board of Trustees shall organize itself within fourteen (14) days next after each election by electing from its number a chairman, two vice-chairmen, a secretary and a treasurer.

7. Compensation for Services. The trustees shall not receive any compensation for their services, but shall be entitled to be reimbursed from funds of the district for any authorized disbursements they may properly incur on behalf of the district.

8. Surety Bonds. Each trustee authorized to sign checks of the district or otherwise designated by the Board of Trustees to handle its funds shall, before he enters upon such duties, execute to the Governor of the State for the benefit of the district, a good and sufficient bond approved by a circuit judge of Brevard County in the sum of Ten Thousand Dollars (\$10,000.00) with the qualified corporate surety conditioned to faithfully perform the duties of his office and to account for all funds which may come into his hands as such trustee. All premiums for such surety on such bonds shall be paid from the funds of the district.

9. Conduct of Business. As a public body, the Board of Trustees collectively, and each individual member of the Board of Trustees, shall conduct their business as a public body and shall be subject to all laws of the State of Florida relating to open government, financial disclosure, avoidance of conflict of interest, and ethics.

10. Indemnity for Trustees. A trustee who is not guilty of malfeasance or misfeasance in office shall be relieved of any personal liability for acts done by him while holding office. Any trustee who is made a party to any action, suit or proceedings solely by reason of his holding office in the district shall be indemnified by the district against reasonable expenses, including attorney's fees incurred by him in defending such suit, action or proceeding, except with respect to matters wherein it is adjudged that such trustee is liable for gross negligence or misconduct in the performance of his duties.

## ARTICLE VI

### BUDGET AND LEVY OF ASSESSMENTS

1. Fiscal Year and Budget. The fiscal year of the district shall commence on October 1 of each year and end on September 30 of the following year. The trustees shall, on or before April 1 of each year, prepare an annual financial statement of income and disbursements during the prior fiscal year. On or before July 1 of each year, the

trustees shall prepare and adopt an itemized budget showing the amount of money necessary for the operation of the district for the next ensuing fiscal year, and the special assessment to be assessed and collected upon all improved residential parcels within the district for the next ensuing year. Such financial statement shall be published once during the month of April each year in a newspaper of general circulation within Brevard County. A copy of the statement and a copy of the budget shall also be furnished to each owner of an improved residential parcel within thirty (30) days after its preparation, and a copy made available for public inspection at the principal office of the district at reasonable hours.

2. Assessments. The trustees shall, on or before July 30 of each year, by resolution, fix the amount of the assessment for the next ensuing year. These special assessments may be collected in the manner provided for ad valorem taxes under Chapter 197, Florida Statutes, subject to the conditions of Section 197.0126. Prior to the adoption of the resolution fixing the amount of the assessment, the trustees shall hold a public hearing, at which time qualified electors of the district may appear and be heard. Notice of the time and place of the public hearing shall be published in a newspaper of general circulation within Brevard County at least twenty-one (21) days prior to the public hearing. For purpose of determining the property subject to the district assessment an "improved residential parcel" means a platted lot on which a mobile home may be erected. The district assessment shall not be an ad valorem tax, but a special assessment assessed equally against all improved residential parcels. Each parcel of property in the district is hereby declared to be uniformly benefited by the services of the district.

3. Lien of Assessment. The district assessment shall be a valid lien upon each improved residential parcel of land so assessed until the assessment has been paid and shall be considered a part of the county tax subject to the same penalties, charges, fees and remedies for enforcement and collection, as provided by the laws of the State of Florida for collection of such taxes.

## ARTICLE VII

### BONDS AND BOND ISSUES

The trustees of the district may construct, acquire or improve real or personal property of the district, and may issue refunding bonds or other obligations for such purposes in conformance with the applicable provisions of Chapter 215, Florida Statutes. Public bonds, notes and other securities may be issued to provide funds for such purposes by resolution adopted by the trustees, which resolution may be adopted at the same meeting at which it is introduced, and may take effect immediately upon its adoption. The bonds shall bear interest payable semi-annually at a rate fixed in such resolution subject to Section 215.84, Florida Statutes, and may be in one or more series, may bear such date or dates, may mature at such time or times not exceeding forty (40) years from their respective dates, may be made payable in such medium of payment at such place within or without the State of Florida, may carry such registration privileges, may be subject to such terms of redemption with or without premium, may be executed in such manner, may contain such terms, covenants and conditions, and may be in such form, either coupon or registered, as provided in such resolution or a subsequent resolution. The bonds may be sold at one time or in blocks from time to time at public or private sale, or if refunding bonds, may also be delivered and exchanged for the outstanding obligations to be refunded

thereby in such manner as the trustees determined by resolution and at such price or prices computed according to the standard table of bond value as will yield to the purchasers or the holders of the obligations surrendered in exchange in the case of refunding bonds income at a rate pursuant to Section 215.84, Florida Statutes, to the maturity dates of the several bonds so sold or exchanged on the money paid or the principal amount of the obligations surrendered therefor to the district. Pending the preparation of the definitive bonds, interim certificates, or receipts or temporary bonds, in such form and with such provisions as the trustees may determine, may be issued to the purchaser or purchasers of the bonds. The bonds and such interim certificates or receipts or temporary bonds shall be fully negotiable.

#### ARTICLE VIII

##### ABOLISHMENT OF DISTRICT

The Barefoot Bay Recreation District may be abolished by a majority vote of the qualified electors of the district at an election called by the trustees of the district for such purpose, which election shall be held and notice thereof given as provided in Article V, Section 3(b) hereinabove. The district shall not be abolished while it has outstanding indebtedness unless adequate provision is made for the liquidation of such outstanding indebtedness.

#### ARTICLE IX

##### SEVERABILITY

If any article or part of an article of this Charter shall be declared invalid by a court of competent jurisdiction, such declaration shall not effect the remainder of this Charter, nor the context in which such article or part of an article so held invalid may appear. All articles or parts of articles of this Charter not so declared invalid shall continue in full force and effect.

#### ARTICLE X

##### REFERENDUM AND EFFECTIVE DATE

This Charter shall be submitted to the electors of the district in a referendum scheduled for that purpose by the Board of County Commissioners of Brevard County and the Supervisor of Elections of Brevard County. This Charter shall take effect immediately upon its adoption by a majority of the electors voting in such election.

Section 2. The Charter for the Barefoot Bay Recreation District shall be submitted to the electors of the proposed district at a referendum election to be held on the 13th day of March, 1984.



Section 3. This Ordinance shall take effect immediately upon its adoption.

DONE AND ADOPTED in Regular Session, this 23rd day of February, 1984.

ATTEST:

R. C. Winstead, Jr.  
R. C. Winstead, Jr., Clerk

BOARD OF COUNTY COMMISSIONERS  
OF BREVARD COUNTY, FLORIDA

By: Val M. Steele  
Val M. Steele, Chairman



STATE OF FLORIDA  
COUNTY OF BREVARD

This is to certify that the foregoing is a true and current copy of Ordinance 84-05 witness my hand and official seal this 30 day of March 2008.

SCOTT ELLIS  
Clerk Circuit Court  
BY R. M. Thompson

**ORDINANCE NO. 96-53**

**A CURATIVE ORDINANCE OF THE BOARD  
OF COUNTY COMMISSIONERS OF BREVARD  
COUNTY, FLORIDA, AMENDING AND  
CLARIFYING THE STATUS AND POWERS OF  
THE BAREFOOT BAY RECREATION  
DISTRICT UNDER ORDINANCE NO. 84-05 OF  
THE COUNTY; AND PROVIDING AN  
EFFECTIVE DATE.**

WHEREAS, the Board of County Commissioners of Brevard County, Florida has previously enacted on February 23, 1984 its Ordinance No. 84-05 establishing the Barefoot Bay Recreation District (the "District") contingent upon the approval of the electors of said District, which approval was evidenced by an affirmative vote at referendum held March 13, 1984; and

WHEREAS, the language in Ordinance No. 84-05 is unclear as to whether the District is a "recreation district" within the meaning of Section 418.20, Florida Statutes, a "mobile home recreation district" within the meaning of Section 418.30, Florida Statutes, or both; and

WHEREAS, the Board of Trustees of the District has requested that the Board of County Commissioners take curative action to confirm that the District has the powers of both a "recreation district" under Section 418.22, Florida Statutes and a "mobile home recreation district" as described in Section 418.304, Florida Statutes, provided that the exercise of any power of ad valorem taxation set forth in Section 418.22, Florida Statutes, shall be subject in all instances to the prior approval of the qualified electors of the District voting in a referendum called for the purpose of considering said taxation;

NOW THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, as follows:

**SECTION 1. Modification of Ordinance 84-05.** Ordinance No. 84-05 is hereby modified, to the extent not already reflected therein, to provide that the District has the powers of a "recreation district" under Section 418.22, Florida Statutes, and the powers of a "mobile home recreation district" under Section 418.304, Florida Statutes, provided that the exercise of any power of ad valorem taxation set forth in Section 418.22, Florida Statutes, shall be subject in all instances to the prior approval of the qualified electors of the District voting in a referendum called for the purposes of considering said taxation.

**SECTION 2. Repeal Clause.** All ordinances or resolutions inconsistent herewith are hereby repealed. Except to the extent modified hereby, Ordinance No. 84-05 shall remain in full force and effect.

**SECTION 3. Effective Date.** This ordinance shall take effect upon filing with the Secretary of State as provided by Florida law.

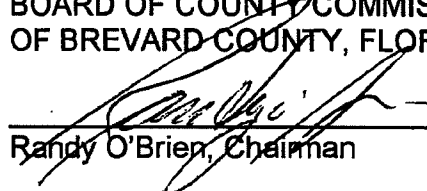
Officially filed with  
The Secretary of State  
December 9, 1996

PASSED AND ENACTED in Regular Session this 26 day of November, 1996.

ATTEST:

  
Sandy Crawford, Clerk

BOARD OF COUNTY COMMISSIONERS  
OF BREVARD COUNTY, FLORIDA

  
Randy O'Brien, Chairman

As approved by the Board on 11-26-96.



RECEIVED  
DEC 16 1996  
County Attorney

ORDINANCE NO. 08-03

AN ORDINANCE AMENDING ORDINANCE NO. 84-05 WHICH CREATED THE CHARTER OF THE BAREFOOT BAY RECREATION DISTRICT; SPECIFICALLY AMENDING ARTICLE V, SECTION 2 TO REDUCE THE NUMBER OF MEMBERS OF THE BOARD OF TRUSTEES FROM NINE (9) TO FIVE (5) BY ATTRITION OVER THE NEXT TWO ELECTIONS BEGINNING IN NOVEMBER 2008; SPECIFICALLY AMENDING ARTICLE V, SECTION 3 TO REVISE THE MANNER OF ELECTION OF BOARD OF TRUSTEES MEMBERS AS FOLLOWS: BEGINNING WITH THE ELECTION HELD IN NOVEMBER, 2008, QUALIFIED CANDIDATES MAY RUN FOR THE BOARD OF TRUSTEES WITH THE CANDIDATES RECEIVING THE HIGHEST NUMBER OF VOTES IN DESCENDING ORDER FILLING ALL VACANT SEATS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

**WHEREAS**, the 1983 Florida Legislation has authorized the creation of independent special districts known as "mobile home park recreation districts" by the enactment of Sections 34 through 38 of Chapter 83-204, Laws of Florida; and

**WHEREAS**, the residents of Barefoot Bay, a mobile home subdivision located in Brevard County, Florida, petitioned the Board of County Commissioners of Brevard County to establish such a mobile home park recreation district for the said Barefoot Bay subdivision; and

**WHEREAS**, the formation of such a mobile home park recreation district for Barefoot Bay enabled the residents thereof to acquire, by and through the trustees of the district, ownership and operation of certain recreation facilities and common areas located within Barefoot Bay; and

**WHEREAS**, the Board of County Commissioners of Brevard County created such a district for Barefoot Bay by way of Ordinance 84-05, which was approved of by a majority of the electors residing in the proposed district; and

**WHEREAS**, Barefoot Bay, as described herein, is a "mobile home park" under Chapter 83-204, Laws of Florida; and

**WHEREAS**, the Board of Trustees have recent voted to propose the electors of the district certain amendments to the district Charter; and

"Officially filed with, The  
Secretary of State January 28, 2008"



WHEREAS, the electors have approved of certain amendments to the Charter so proposed in a special election held on November 6, 2007; and

WHEREAS, the legislature of the State of Florida has recently passed HB 1157 which provides authority for the amendments approved by the electors of the district;

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, that:

**Section 1.** ARTICLE V of the Charter of the Barefoot Bay Recreation District as established by Ordinance 84-05 shall be amended to read as follows:

#### ARTICLE V

#### BOARD OF TRUSTEES

1. General Powers and Duties. The governing body of the Barefoot Day Recreation District shall be known as the Board of Trustees. The Board of Trustees shall exercise all of the powers of the district set forth in Article IV above, and shall have all duties useful and necessary to the exercise of such powers. Except as otherwise provided in this Charter, no action of the Board of Trustees shall be taken except upon the vote of a majority of the entire membership of the board. A majority of the board shall also constitute a quorum for the official conduct of business by the board.

2. Composition and Qualifications. The Board of Trustees shall consist of ~~nine (9)~~ five (5) members elected by the electors of the district. Each member of the Board of Trustees shall be a resident of the district and shall be a qualified elector of the district.

3. Elections of Trustees.

(a) Qualified persons desiring to have their names placed on the ballot for election as trustees of the Barefoot Bay Recreation District shall present a written petition to the Supervisor of Elections of Brevard County not less than sixty (60) days prior to the date of each election, which petition shall be signed by the applicant and not less than twenty-five (25) other electors of the district.

(b) Elections for the Board of Trustees shall be held annually on the first Tuesday after the first Monday of November, beginning in 1984. Notice of an election setting forth the names of the persons who have qualified as candidates for the Board of Trustees shall be given by the Supervisor of Elections by mail addressed to each qualified elector not less than fifteen (15) days before the date of the election, and shall also be published one time at least ten days prior to such election in a newspaper of general circulation in Brevard County. Notwithstanding the provisions of Section 101.20, Florida Statutes, the publication of a sample ballot shall not be required. The Supervisor of Elections shall be entitled to a reasonable

reimbursement for conducting each election, payable out of the general funds of the district.

~~(c) In the election to be held for the first Board of Trustees in 1984, the candidates receiving the first, third, fifth, seventh and ninth highest number of votes shall be elected to serve for a term of two years; and the candidates receiving the second, fourth, sixth and eighth highest number of votes shall be elected to serve for a term of one year. Thereafter, elections for the Board of Trustees shall be held annually as specified in Section 3(b) of this Article, and those persons elected after the initial election shall be elected to serve for a term of two years or until their successors are duly qualified. Any trustee may succeed himself in office.~~

(c) Beginning with the election held in November, 2008, qualified candidates may run for the Board of Trustees with the candidates receiving the highest number of votes in descending order filling three (3) vacant seats for a two-year term. For the election of November 2009, the qualified candidates receiving the highest number of votes in descending order shall be elected to fill the respective two (2) vacant seats for a two-year term. Thereafter, elections for the Board of Trustees shall be held annually as specified in Section 3 (b) of this Article, with the qualified candidates receiving the highest number of votes in descending order filling any vacant seats for two-year terms or until their successors are duly qualified. Any trustee may succeed himself in office.

4. Vacancies on the Board of Trustees. Any vacancy on the Board of Trustees shall be filled for the unexpired term by the appointment by the remaining trustees of a successor from among the qualified electors of the district.

5. Removal of Trustees. Any trustee who fails to discharge his duties may be removed for cause by the remaining members of the Board of Trustees after due notice and an opportunity to be heard upon charges of malfeasance or malfeasance.

6. Organization Of Board. The Board of Trustees shall organize itself within fourteen (14) days next after each election by electing from its number a chairman, two vice-chairmen, a secretary and a treasurer.

7. Compensation for Services. The trustees shall not receive any compensation their services, but shall be entitled to be reimbursed from funds of the district for any authorized disbursements they may properly incur on behalf of the district.

8. Surety Bonds. Each trustee authorized to sign checks of the district or otherwise designated by the Board of Trustees to handle its funds shall, before he enters upon such duties, execute to the Governor of the State for the benefit of the district, a good and sufficient bond approved by a circuit judge of Brevard County in the sum of Ten Thousand Dollars (\$10,000.00) with the qualified corporate surety conditioned to faithfully perform the duties of his office and

to account for all funds which may come into his hands as such trustee. All premiums for such surety on such bonds shall be paid from the funds of the district.

9. Conduct of Business. As a public body, the Board of Trustees collectively, and each individual member of the Board of Trustees, shall conduct their business as a public body and shall be subject to all laws of the State of Florida relating to open government, financial disclosure, avoidance of conflict of interest, and ethics.

10. Indemnity for Trustees. A trustee who is not guilty of malfeasance or misfeasance in office shall be relieved of any personal liability for acts done by him while holding office. Any trustee who is made a party to any action, suit or proceedings solely by reason of his holding office in the district shall be indemnified by the district against reasonable expenses, including attorney's fees incurred by him in defending such suit, action or proceeding, except with respect to matters wherein it is adjudged that such trustee is liable for gross negligence or misconduct in the performance of his duties.

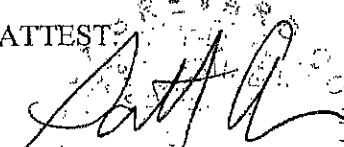
Section 3. The above amendments were submitted to and approved by the electors of the district at a special election held on the 6<sup>th</sup> day of November 2007.

Section 4. If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, the invalidity shall not effect the other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end, the provisions of this ordinance are declared severable.

Section 5. A certified copy of this ordinance shall be filed with the Office of the Secretary of State, State of Florida within ten (10) days of enactment. This ordinance shall take effect upon adoption and filing as required by law.

DONE AND ADOPTED in Regular Session, this 22 day of January, 2008.

ATTEST:

  
\_\_\_\_\_  
Scott Ellis, Clerk

BOARD OF COUNTY COMMISSIONERS OF  
BREVARD COUNTY, FLORIDA

By: \_\_\_\_\_

Truman G. Scarborough, Jr.  
Chairman

(as approved by the Board on 1/22/08)

# 291780 v1

ORDINANCE NO. 2012-01

AN ORDINANCE AMENDING ORDINANCE NO. 84-05 WHICH CREATED THE CHARTER OF THE BAREFOOT BAY RECREATION DISTRICT, AS AMENDED BY ORDINANCE NO. 96-53 AND ORDINANCE NO. 08-03; SPECIFICALLY AMENDING ARTICLE V, SECTION 6 TO PROVIDE THAT THE BAREFOOT BAY RECREATION DISTRICT BOARD OF TRUSTEES ORGANIZE ITSELF WITHIN FOURTEEN (14) DAYS NEXT AFTER THE FIRST TUESDAY AFTER THE FIRST MONDAY IN JANUARY AFTER EACH ELECTION; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

**WHEREAS**, the 1983 Florida Legislation has authorized the creation of independent special districts known as "mobile home park recreation districts" by the enactment of Sections 34 through 38 of Chapter 83-204, Laws of Florida; and

**WHEREAS**, the residents of Barefoot Bay, a mobile home subdivision located in Brevard County, Florida, petitioned the Board of County Commissioners of Brevard County to establish such a mobile home park recreation district for the said Barefoot Bay subdivision; and

**WHEREAS**, the formation of such a mobile home park recreation district for Barefoot Bay enabled the residents thereof to acquire, by and through the trustees of the district, ownership and operation of certain recreation facilities and common areas located within Barefoot Bay; and

**WHEREAS**, the Board of County Commissioners of Brevard County created such a district for Barefoot Bay by way of Ordinance 84-05, which was approved of by a majority of the electors residing in the proposed district; and

**WHEREAS**, Ordinance 84-05 has subsequently been amended by Ordinance 96-53 and Ordinance 08-03 adopted by the Board of County Commissioners of Brevard County which collectively represent the Charter for Barefoot Bay Recreation District; and

**WHEREAS**, Barefoot Bay, as described herein, is a "mobile home park recreation district" under Chapter 83-204, Laws of Florida; and

**WHEREAS**, the Board of Trustees of Barefoot Bay Recreation District have recently voted to propose the electors of the district certain amendments to the district Charter; and

**WHEREAS**, the electors have approved of the amendments to the Charter so proposed in a special election held on November 8, 2011;

Officially Filed with the Secretary of State  
of State January 13, 2012



NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, that:

**Section 1.** ARTICLE V of the Charter of the Barefoot Bay Recreation District as established by Ordinance 84-05 shall be amended to read as follows:

ARTICLE V

BOARD OF TRUSTEES

1. General Powers and Duties. The governing body of the Barefoot Day Recreation District shall be known as the Board of Trustees. The Board of Trustees shall exercise all of the powers of the district set forth in Article IV above, and shall have all duties useful and necessary to the exercise of such powers. Except as otherwise provided in this Charter, no action of the Board of Trustees shall be taken except upon the vote of a majority of the entire membership of the board. A majority of the board shall also constitute a quorum for the official conduct of business by the board.

2. Composition and Qualifications. The Board of Trustees shall consist of five (5) members elected by the electors of the district. Each member of the Board of Trustees shall be a resident of the district and shall be a qualified elector of the district.

3. Elections of Trustees.

(a) Qualified persons desiring to have their names placed on the ballot for election as trustees of the Barefoot Bay Recreation District shall present a written petition to the Supervisor of Elections of Brevard County not less than sixty (60) days prior to the date of each election, which petition shall be signed by the applicant and not less than twenty-five (25) other electors of the district.

(b) Elections for the Board of Trustees shall be held annually on the first Tuesday after the first Monday of November, beginning in 1984. Notice of an election setting forth the names of the persons who have qualified as candidates for the Board of Trustees shall be given by the Supervisor of Elections by mail addressed to each qualified elector not less than fifteen (15) days before the date of the election, and shall also be published one time at least ten days prior to such election in a newspaper of general circulation in Brevard County. Notwithstanding the provisions of Section 101.20, Florida Statutes, the publication of a sample ballot shall not be required. The Supervisor of Elections shall be entitled to a reasonable reimbursement for conducting each election, payable out of the general funds of the district.

(c) Beginning with the election held in November, 2008, qualified candidates may run for the Board of Trustees with the candidates receiving the highest number of votes in descending order filling three (3) vacant seats for a two-year term. For the election of November 2009, the qualified candidates receiving the highest number of votes in descending order shall be elected to fill the respective two (2) vacant seats for a two-year term. Thereafter, elections for the Board of Trustees shall be held annually as specified in Section 3 (b) of this Article, with the qualified candidates receiving the highest number of votes in descending order filling any vacant seats for two-year terms or until their successors are duly qualified. Any trustee may succeed himself in office.

4. Vacancies on the Board of Trustees. Any vacancy on the Board of Trustees shall be filled for the unexpired term by the appointment by the remaining trustees of a successor from among the qualified electors of the district.

5. Removal of Trustees. Any trustee who fails to discharge his duties may be removed for cause by the remaining members of the Board of Trustees after due notice and an opportunity to be heard upon charges of malfeasance or malfeasance.

6. Organization Of Board. The Board of Trustees shall organize itself within fourteen (14) days next after the first Tuesday after the first Monday in January after each election by electing from its number a chairman, two vice-chairmen, a secretary and a treasurer.

7. Compensation for Services. The trustees shall not receive any compensation their services, but shall be entitled to be reimbursed from funds of the district for any authorized disbursements they may properly incur on behalf of the district.

8. Surety Bonds. Each trustee authorized to sign checks of the district or otherwise designated by the Board of Trustees to handle its funds shall, before he enters upon such duties, execute to the Governor of the State for the benefit of the district, a good and sufficient bond approved by a circuit judge of Brevard County in the sum of Ten Thousand Dollars (\$10,000.00) with the qualified corporate surety conditioned to faithfully perform the duties of his office and to account for all funds which may come into his hands as such trustee. All premiums for such surety on such bonds shall be paid from the funds of the district.

9. Conduct of Business. As a public body, the Board of Trustees collectively, and each individual member of the Board of Trustees, shall conduct their business as a public body and shall be subject to all laws of the State of Florida relating to open government, financial disclosure, avoidance of conflict of interest, and ethics.

10. Indemnity for Trustees. A trustee who is not guilty of malfeasance or misfeasance in office shall be relieved of any personal liability for acts done by him while holding office. Any trustee who is made a party to any action, suit or proceedings solely by reason of his holding office in the district shall be indemnified by the district against reasonable expenses, including attorney's fees incurred by him in defending such suit, action or proceeding, except with respect

to matters wherein it is adjudged that such trustee is liable for gross negligence or misconduct in the performance of his duties.


**Section 3.** The above amendments were submitted to and approved by the electors of the district at a special election held on the 8<sup>th</sup> day of November 2011.

**Section 4.** If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, the invalidity shall not effect the other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end, the provisions of this ordinance are declared severable.

**Section 5.** This ordinance shall take effect immediately upon its adoption.


DONE AND ADOPTED in Regular Session, this 10<sup>th</sup> day of January, 2012.

ATTEST:

  
\_\_\_\_\_  
Mitch Needelman, Clerk

BOARD OF COUNTY COMMISSIONERS OF  
BREVARD COUNTY, FLORIDA

By: \_\_\_\_\_

  
Chuck Nelson, Chairperson

As Approved by the Board on: 1/10/12

ORDINANCE NO. 18-22

AN ORDINANCE AMENDING ORDINANCE NO. 84-05 WHICH CREATED THE CHARTER OF THE BAREFOOT BAY RECREATION DISTRICT; SPECIFICALLY AMENDING ARTICLE V TO LIMIT THE NUMBER OF TERMS OF MEMBERS OF THE BOARD OF TRUSTEES OF THE DISTRICT TO NO MORE THAN THREE (3) SUCCESSIVE COMPLETE TWO (2) YEAR TERMS; ALLOWING TERM-LIMITED TRUSTEES TO SERVE AGAIN TWO (2) YEARS AFTER THE TRUSTEE'S LAST SUCCESSIVE COMPLETE TERM; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the 1983 Florida Legislation has authorized the creation of independent special districts known as "mobile home park recreation districts" by the enactment of Sections 34 through 38 of Chapter 83-204, Laws of Florida; and

WHEREAS, the Board of County Commissioners of Brevard County created such a District for Barefoot Bay by way of Ordinance 84-05, which was approved of by a majority of the electors residing in the District; and

WHEREAS, the Board of County Commissioners of Brevard County has previously amended Ordinance 84-05 by way of Ordinances 96-53, 08-03, and 2012-01; and

WHEREAS, the Legislature of the State of Florida has recently passed HB No. 905 (Chapter 2017-202, Laws of Florida) which provides authority term limits for Board of Trustees members subject to approval of the registered electors of the District; and

WHEREAS, the Board of Trustees has recently voted to propose term limits to the registered electors of the District; and

WHEREAS, the electors have approved of the amendments to the Charter so proposed in a referendum election held on November 7, 2017; and

**NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, that:**

**Section 1.** ARTICLE V of the Charter of the Barefoot Bay Recreation District as established by Ordinance 84-05 and as amended by Ordinances 96-53, 08-03 and 2012-01 shall be further amended to read as follows:



## ARTICLE V

### BOARD OF TRUSTEES

1. General Powers and Duties. The governing body of the Barefoot Bay Recreation District shall be known as the Board of Trustees. The Board of Trustees shall exercise all of the powers of the district set forth in Article IV above, and shall have all duties useful and necessary to the exercise of such powers. Except as otherwise provided in this Charter, no action of the Board of Trustees shall be taken except upon the vote of a majority of the entire membership of the board. A majority of the board shall also constitute a quorum for the official conduct of business by the board.

2. Composition and Qualifications. The Board of Trustees shall consist of five (5) members elected by the electors of the district. Each member of the Board of Trustees shall be a resident of the district and shall be a qualified elector of the district.

3. Elections of Trustees.

- (a) Qualified persons desiring to have their names placed on the ballot for election as trustees of the Barefoot Bay Recreation District shall present a written petition to the Supervisor of Elections of Brevard County not less than sixty (60) days prior to the date of each election, which petition shall be signed by the applicant and not less than twenty-five (25) other electors of the district.
- (b) Elections for the Board of Trustees shall be held annually on the first Tuesday after the first Monday of November, beginning in 1984. Notice of an election setting forth the names of the persons who have qualified as candidates for the Board of Trustees shall be given by the Supervisor of Elections by mail addressed to each qualified elector not less than fifteen (15) days before the date of the election, and shall also be published one time at least ten days prior to such election in a newspaper of general circulation in Brevard County. Notwithstanding the provisions of Section 101.20, Florida Statutes, the publication of a sample ballot shall not be required. The Supervisor of Elections shall be entitled to a reasonable reimbursement for conducting each election, payable out of the general funds of the district.
- (c) Beginning with the election held in November, 2008, qualified candidates may run for the Board of Trustees with the candidates receiving the highest number of votes in descending order filling three (3) vacant seats for a two-year term. For the election of November 2009, the qualified candidates receiving the highest number of votes in descending order shall be elected to fill the respective two (2) vacant seats for a two-year term. Thereafter, elections for the Board of Trustees shall be held annually as specified in Section 3 (b) of this Article, with the qualified candidates receiving the highest number of votes in descending order filling any

vacant seats for two-year terms or until their successors are duly qualified. Any trustee may succeed himself in office, subject to the limitation of terms provided herein.

4. Vacancies on the Board of Trustees. Any vacancy on the Board of Trustees shall be filled for the unexpired term by the appointment by the remaining trustees of a successor from among the qualified electors of the district.

5. Removal of Trustees. Any trustee who fails to discharge his duties may be removed for cause by the remaining members of the Board of Trustees after due notice and an opportunity to be heard upon charges of malfeasance or malfeasance.

6. Organization Of Board. The Board of Trustees shall organize itself within fourteen (14) days next after the first Tuesday after the first Monday in January after each election by electing from its number a chairman, two vice-chairmen, a secretary and a treasurer.

7. Compensation for Services. The trustees shall not receive any compensation their services, but shall be entitled to be reimbursed from funds of the district for any authorized disbursements they may properly incur on behalf of the district.

8. Surety Bonds. Each trustee authorized to sign checks of the district or otherwise designated by the Board of Trustees to handle its funds shall, before he enters upon such duties, execute to the Governor of the State for the benefit of the district, a good and sufficient bond approved by a circuit judge of Brevard County in the sum of Ten Thousand Dollars (\$10,000.00) with the qualified corporate surety conditioned to faithfully perform the duties of his office and to account for all funds which may come into his hands as such trustee. All premiums for such surety on such bonds shall be paid from the funds of the district.

9. Conduct of Business. As a public body, the Board of Trustees collectively, and each individual member of the Board of Trustees, shall conduct their business as a public body and shall be subject to all laws of the State of Florida relating to open government, financial disclosure, avoidance of conflict of interest, and ethics.

10. Indemnity for Trustees. A trustee who is not guilty of malfeasance or misfeasance in office shall be relieved of any personal liability for acts done by him while holding office. Any trustee who is made a party to any action, suit or proceedings solely by reason of his holding office in the district shall be indemnified by the district against reasonable expenses, including attorney's fees incurred by him in defending such suit, action or proceeding, except with respect to matters wherein it is adjudged that such trustee is liable for gross negligence or misconduct in the performance of his duties.

11. Term Limits. Members of the Board of Trustees of the District shall serve no more than three (3) successive complete two (2) year terms; however, term-limited Trustees may serve again two (2) years after the Trustee's last successive complete term. This limitation shall not apply to the portion of any unexpired term served by appointment to fill a vacant seat pursuant to Sec. 418.302 (5), Florida Statutes. This provision shall apply prospectively to the terms of Trustees elected after the effective date of this Ordinance.

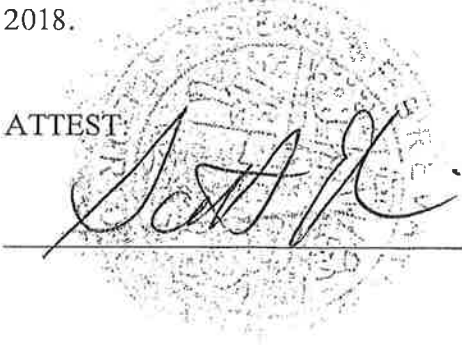
**Section 3.** The above amendments were submitted to and approved by the electors of the district at a referendum election held on the 7<sup>th</sup> day of November 2017.

**Section 4.** If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, the invalidity shall not affect the other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end, the provisions of this ordinance are declared severable.

**Section 5.** This ordinance shall take effect immediately upon its adoption.

DONE AND ADOPTED in Regular Session, this 9 day of October, 2018.

ATTEST:

A circular seal with a textured, embossed appearance. It features a central emblem surrounded by text, likely the official seal of the Board of County Commissioners of Brevard County, Florida. A signature is written over the seal.

BOARD OF COUNTY COMMISSIONERS OF  
BREVARD COUNTY, FLORIDA

By:

A handwritten signature in black ink, appearing to read "Rita Pritchett", written over a horizontal line.

RITA PRITCHETT  
CHAIR

As approved by Board 10/9/18

ENROLLED  
HB 1157

2007 Legislature

1                   A bill to be entitled  
2       An act relating to the Barefoot Bay Recreation District,  
3       Brevard County; authorizing an amendment to the district  
4       charter, subject to approval by a vote of the electors of  
5       the district, to decrease the number of members of the  
6       board of trustees of the district; authorizing an  
7       amendment to the charter, subject to approval by a vote of  
8       the electors of the district, to allow an increase in the  
9       minimum cost price or consideration of contracts involving  
10      the acquisition of real or tangible personal property that  
11      would require a two-thirds vote of district trustees and a  
12      referendum election; providing exceptions to general law;  
13      providing an effective date.

14  
15   Be It Enacted by the Legislature of the State of Florida:

16  
17       Section 1. Notwithstanding section 418.302, Florida  
18 Statutes, the Brevard County Commission may amend the Charter of  
19 the Barefoot Bay Recreation District, subject to approval by a  
20 vote of the electors of the district pursuant to section 418.30,  
21 Florida Statutes, to require the transition of the governing  
22 body of the Barefoot Bay Recreation District from a nine-member  
23 board of trustees to a five-member board of trustees elected by  
24 the electors of the district.

25       Section 2. Notwithstanding section 418.304(13), Florida  
26 Statutes, the Brevard County Commission may amend the Charter of  
27 the Barefoot Bay Recreation District, subject to approval by a  
28 vote of the electors of the district pursuant to section 418.30,

Page 1 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

hb1157-01-er



ENROLLED  
HB 1157

2007 Legislature

29 Florida Statutes, to allow the Board of Trustees of the Barefoot  
30 Bay Recreation District to enter into contracts involving the  
31 purchase, lease, conveyance, or other manner of acquisition of  
32 common, real, or tangible personal property; however, in any  
33 instance when the cost, price, or consideration exceeds  
34 \$125,000, including all obligations proposed to be assumed in  
35 connection with such acquisition, then such a contract may be  
36 entered into only if:

37 (1) The trustees by a two-thirds vote have approved the  
38 terms and conditions of such acquisition by written resolution;

39 (2) Within not less than 30 days nor more than 60 days  
40 after the date of the resolution, the trustees certify the  
41 resolution to the supervisor of elections for the county for a  
42 referendum election; and

43 (3) The resolution is approved by a majority vote of the  
44 qualified electors of the district voting in a referendum called  
45 for the purpose of considering the resolution.

46 Section 3. This act shall take effect upon becoming a law.

## **Board of Trustees      Meeting Agenda Memo**

Date: Tuesday, June 22, 2021

Title: **Review of the Florida Association of Special Districts Annual Conference**

Section & Item: 12.G

Department: Administration, District Clerk

Fiscal Impact: N/A

Contact: Jeff Grunow, Trustee, Secretary

Attachments:

Reviewed by

General Counsel: N/A

Approved by: John W. Coffey, ICMA-CM, Community Manager



### **Requested Action by BOT**

Review information to be provided by Trustee Grunow and direction to staff.

### **Background and Summary Information**

Trustee Grunow attended the FASD Conference and will provide key take aways from the conference the BOT and public.