## VILLAGE OF ROYAL PALM BEACH, FLORIDA

PROJECT NAME: **Commons Parking Lot Expansion**
PROJECT NUMBER: **PR1602**

## ADDENDUM NUMBER: THREE

DATE OF ISSUANCE: September 23, 2020

TO: Prospective Bidders

THIS ADDENDUM NO. **Three** INCLUDES THE FOLLOWING:

1. Revise the Bid Documents as follows:

a) Table of Contents
   i. (I-3) and Index of Drawings (ID-4) have been revised.
b) Invitation to Bid (INV-5) has been updated to reflect Bid Opening date given in Addendum 2.
c) Bid Proposal Form (BF-18 and BF-19)
   i. Removed Compacted Subgrade item, as compaction is part of the FDOT item description for constructing pathways.
   ii. Asphalt: changed to Traffic Level A, changed to two 1 inch lifts, and changed unit from TN to SY
   iii. Removed "and 2 inches of soil" from sod item name
   iv. Changed Mechanical Root Barrier to 19.5 inch Chemical Root Barrier
   v. Updated quantities of Removing Type D Curbing, 6 Inch Concrete, and Detectable Warnings
   vi. Changed the EA item, Concrete Jointing Plan, to the LS item, Concrete Jointing Reinforcement
   vii. Added LS items for Electrical Demo, Irrigation Modifications, and Landscaping
   viii. Added EA item for Temporary Handicap Parking Spot
d) Exhibits
   i. Exhibit B – Topographical Plans and Data have been updated to include all pertinent sheets
   ii. Electrical and Irrigation As-Builts have been added

2. Revise the Plans as follows:
a) Please replace all sheets of the Civil Plans with those from this Addendum.
   i. Various adjustments have been clouded with Revision Note 1.
b) Plan Sheets Added: Phasing, Electrical Demo, Irrigation, and Landscaping

APPROVED BY: _____

Christopher A. Marsh, P.E., Village Engineer

ACKNOWLEDGMENT OF RECEIPT: _____

Bidder

| | | |
|---|---|---|
| SECTION 01410 TESTING LABORATORY SERVICES | PG | 3 |
| SECTION 01720 PROJECT RECORD DOCUMENTS | PG | 3 |
| **ROADWAY TECHNICAL SPECIFICATIONS** | | |
| SECTION 100 - CONSTRUCTION EQUIPMENT - GENERAL REQUIREMENTS | RT | 1 |
| SECTION 101 - MOBILIZATION | RT | 3 |
| SECTION 102 - MAINTENANCE OF TRAFFIC | RT | 1 |
| SECTION 104 - PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION | RT | 2 |
| SECTION 110 - CLEARING AND GRUBBING | RT | 2 |
| SECTION 120- EARTHWORK | RT | 2 |
| **EXHIBITS** | | |
| Exhibit A – Federal Grant Provisions | | 9 |
| Exhibit B – Existing Topographical Plans and Data | | 23 |
| Exhibit C – Electrical As-Builts | | 19 |
| Exhibit D – Irrigation As-Builts | | 7 |




Addendum 3
9/23/2020

# INDEX OF DRAWINGS

Project: **Commons Parking Lot Expansion**
Project No.: **PR1602**

Index of Sheets

| Sheet No. | Description |
|---|---|
| C-01 | COVER SHEET |
| C-02 | LEGEND AND ABBREVIATIONS |
| C-03 | GENERAL NOTES |
| C-04 | OVERALL PLAN |
| C-05 | STORM WATER POLLUTION PREVENTION PLAN AND NOTES |
| C-06 | PARKING LOT PLAN – SOUTHWEST |
| C-07 | PARKING LOT PLAN – NORTHEAST |
| C-08 – 10 | TRAIL IMPROVEMENTS PLAN |
| C-11 | GRADING AND DRAINAGE PLANS – SW PARKING LOT |
| C-12 | GRADING AND DRAINAGE PLANS – NE PARKING LOT (PART 1 – PAVEMENT) |
| C-13 | GRADING AND DRAINAGE PLANS – NE PARKING LOT (PART 2 – GRASS) |
| C-14 – 20 | DETAILS |
| C-21 – 22 | GEOMETRY TABLES |
| P-1 – 2 | PHASING PLANS |
| E-1 – 2 | ELECTRICAL DEMO PLANS |
| I-1 – 3 | IRRIGATION PLANS |
| L-1 – 2 | LANDSCAPING PLANS |



Addendum 3
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# INVITATION TO BID

Sealed bids will be received by the Village of Royal Palm Beach, Florida at the Office of the Village Clerk, located at 1050 Royal Palm Beach Boulevard, Royal Palm Beach, Florida 33411, for subject project 3:00 p.m. local time Wednesday, September 30, 2020, then opened publicly at that time.

***PROJECT:*** **Commons Parking Lot Expansion**

***Project NO:*** **PR1602**

***Project Description:***
This project is the expansion of the existing parking lot, including minor drainage modification, signing and striping, new ADA curb ramps and landscaping. There are two additional lots, concrete and asphalt, for approximately 208 parking spaces. Other elements include replacing sections of ashpalt pathway with concrete and minor coordination with an adjacent lighting project.

The Contract Documents will be open to inspection at the Clerk's office. Contract documents may be purchased after noon on Friday, August 21, 2020 from the Village of Royal Palm Beach, ATTN: Village Clerk, 1050 Royal Palm Beach Boulevard, Royal Palm Beach, Florida, 33411 at the following prices, which are non-refundable:

Complete Set: $50.00 (Drawings & Project Manual)

Packaging & Mailing Charges / Set: $75.00

Project plans and documents may be requested free of charge at:

**www.royalpalmbeach.com/rfps**

Bids must be accompanied by a Bid Security in the form of a certified bank check made payable to the Owner, or a Bid Bond. The amount of the security shall not be less than five (5) percent of the Bidder's total price indicated in Bid Form.

In accordance with F.S. 287.133 (2) (a), persons and affiliates who have been placed on the convicted vendor list may not submit bids, contract with, or perform work (as a contractor, supplier, subcontractor or consultant) with any public entity (i.e. Village of Royal Palm Beach) in excess of Ten Thousand Dollars (or such other amount as may be hereafter established by the Florida Division of Purchasing in accordance with F.S. 287.017) for a period of 36 months from the date of being placed on the convicted vendor list.

A pre-bid conference will be held on Wednesday, September 2, 2020 at 3:00 p.m. via GoToMeeting
Please join my meeting from your computer, tablet or smartphone.

https://global.gotomeeting.com/join/496978525

The pre-bid conference is **not mandatory**.

The OWNER reserves the right to reject any or all Bids, to waive informalities, and to re-advertise.

Publish: Palm Beach Post: Friday, August 14, 2020



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# BID PROPOSAL FORM

| | |
|---|---|
| Project Name: | Commons Parking Lot Expansion |
| Project Number: | PR1602 |

| Item No. | Description | Quantity | Unit | Unit Price | Cost |
|---|---|---|---|---|---|
| | | | | | |
| 101-1 | Mobilization | 1 | LS | | |
| 102-1 | Maintenance of Traffic | 1 | LS | | |
| 104-13-1 | Staked Silt Fence, Type III | 9060 | LF | | |
| 102-22-RPB-1 | Temporary Handicap Parking; Complete per Phasing Plans; Includes Removal | 1 | EA | | |
| 104-18-RPB-1 | Inlet Protection; Wooden Frame and Filter Fabric | 18 | EA | | |
| 104-RPB-1 | Stabilized Construction Entrance | 2 | EA | | |
| 110-1-1 | Clearing and Grubbing | 1 | LS | | |
| 110-4-10-RPB-1 | Remove Curbing; Type D | 250 | LF | | |
| 110-4-10-RPB-2 | Remove Concrete Pavement; 6 Inch Thick | 126 | SY | | |
| 110-4-10-RPB-3 | Remove Asphalt Pavement | 3349 | SY | | |
| 120-RPB-1 | Earthwork | 1 | LS | | |
| 160-6-RPB-1 | Stabilized Subgrade; LBR 40; 12 Inch Depth | 28139 | SY | | |
| 285-RPB-1 | Limerock Base; 8 Inch Thick | 6044 | SY | | |
| 334-1-12-RPB-1 | Asphaltic Concrete; SP-9.5; Two 1 Inch Lifts; Traffic Level A | 5670 | SY | | |
| 425-10 | Nyloplast Yard Drain; 15 Inch Square Grate | 12 | EA | | |
| 425-11-RPB-1 | Core Existing Catch Basin and Connect 8 Inch Diameter Pipe | 3 | EA | | |
| 425-4 | Modify Existing Yard Drain | 1 | EA | | |
| 430-175-1-RPB-1 | HDPE Pipe; 8 Inch Diameter | 795 | LF | | |
| 430-175-1-RPB-2 | HDPE Pipe; 10 Inch Diameter | 206 | LF | | |
| 430-175-1-RPB-3 | HDPE Pipe; 12 Inch Diameter | 206 | LF | | |
| 519-78-RPB-1 | Removable Bollard; 3 Foot Height Above Grade | 1 | EA | | |



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| | | | | | |
|---|---|---|---|---|---|
| 520-2-4 | Curbing; Type D | 4386 | LF | | |
| 522-1 | Concrete; 4 Inch Thick | 383 | SY | | |
| 522-2 | Concrete; 6 Inch Thick | 10634 | SY | | |
| 522-2-RPB-1 | Proposed Concrete Jointing Plan | 2 | EA | | |
| 522-RPB-1 | Concrete Flume | 1 | EA | | |
| 522-RPB-1 | Concrete; 8 Inch Thickened Edge | 2394 | LF | | |
| 527-2 | Detectable Warning on New Walking Surface | 40 | SF | | |
| 550-10-410-RPB-1 | Remove Two Rail Wooden Fence | 490 | LF | | |
| 550-10-410-RPB-2 | Remove and Relocate Two Rail Wooden Fence | 190 | LF | | |
| 570-1107-RPB-1 | Grass Sod; St. Augustine; Includes 2 Inches of Topsoil | 16286 | SY | | |
| 580-1-RPB-1 | Landscaping; Complete | 1 | LS | | |
| 580-12-RPB-1 | Chemical Root Barrier; 19.5 Inch Depth | 105 | LF | | |
| 590-1-RPB-1 | Irrigation System Modifications | 1 | LS | | |
| 700-1-1-RPB-1 | Handicap Parking Sign | 4 | EA | | |
| 700-1-1-RPB-2 | Stop Sign | 19 | EA | | |
| 700-1-1-RPB-3 | Shared Use Lane Sign | 7 | EA | | |
| 705-11-1 | Flexible Delineator Post | 1 | EA | | |
| 710-12-RPB-1 | Durable Traffic Paint Striping on Concrete | 1 | LS | | |
| 711-RPB-1 | Thermoplastic Striping on Asphalt | 1 | LS | | |
| 715-RPB-1 | Electrical Demo and Relocations | 1 | LS | | |

**TOTAL BASE BID: $_____**

_____ Dollars

(Amount written in words has precedence)

**TOTAL NUMBER OF DAYS: _____Days**

_____ Days

Date: _____

The contractor's signature below provides assurance that Addenda #1 through ____ have been received and are included in the estimate in the above bid.

CONTRACTOR: _____

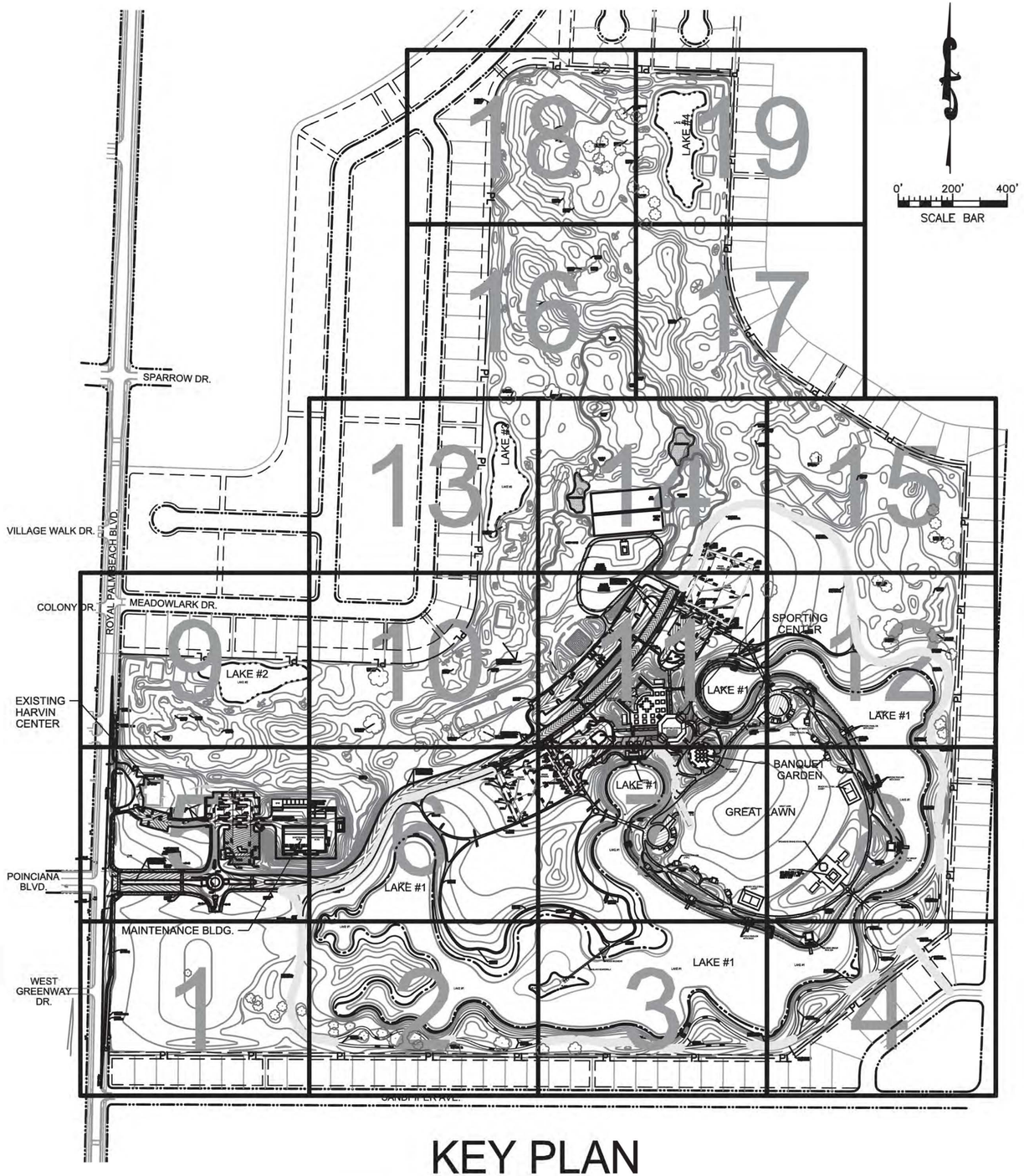


Addendum 3
9/23/2020

Addendum 3
9/23/2020

# GRADING PLAN
## SHEET INDEX


| | |
|---|---|
| C5.00 | COVER SHEET |
| C5.01–C5.19 | PLAN SHEETS |
| C5.20–C5.21 | TYPICAL SECTIONS |
| C5.22 | GRADING PLAN DETAILS |
| C5.23 | POINCIANA BLVD. PLAN & PROFILE |

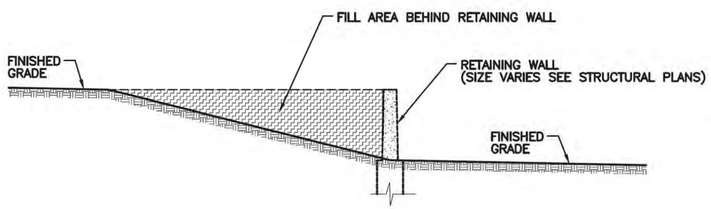




KEY PLAN




## GENERAL GRADING NOTES

1. PAVED AREAS SUCH AS PARKING LOTS AND ROADWAY ARE SHOWN WITH CONTOURS AT 0.2' INTERVALS.
2. SIDEWALKS AND WALKWAY ARE SHOWN WITH CONTOURS AT 0.1' INTERVALS.
2. THE PARK AREA IS SHOWN WITH CONTOURS AT 1' INTERVALS.
3. THE NORTH PARK AREA IS SHOWN WITH CONTOUR AT 2' INTERVALS.
4. SEE POINCIANA BLVD. PLAN & PROFILE SHEET C4.20 FOR ELEVATIONS ALONG THE CENTERLINE OF POINCIANA BLVD.
5. CONTRACTOR SHALL LASER GRADE GREAT LAWN.




RETAINING WALL AREAS
NOT TO SCALE

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | REVISED PER ADDENDUM SIX | 2/4/11 | SHB |

60059.01


ERDMAN ANTHONY
ARCHITECTURE ENGINEERING PLANNING
2400 PALM BEACH LAKES BLVD., BLDG 500
WEST PALM BEACH, FL 33409
TELEPHONE 561-753-4723 FAX 561-753-6724
EB 2996 LC 26000143


ROYAL PALM BEACH COMMONS

GRADING KEY PLAN

DANA I GILLETTE
FL PE 41913

EN–PR0701
Sheet Reference Number
C5.00
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhaseII\3) Production Drawings\Civil Engineering\GradingKey(10_0819).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 5

0' 30' 60'
SCALE BAR

40' ROAD EASEMENT PER PB. 29, PG. 102

R/W

CONC. SIDEWALK

HAND RAIL

ROYAL PALM BEACH BLVD.

33.00'

15.18'

0.32%

0.30%

0.59%

FUTURE CIVIC AREA

EXIST TREE TO REMAIN

EXCESS FILL SHALL BE DEPOSITED WITHIN THIS AREA AT 12" THICK TRANSITION TO ORIGINAL PROPOSED GRADE AT 1:12 AROUND PERIMETER

8.00' WIDE CONCRETE SIDEWAK

12.00' WIDE HIKE/BIKE TRAIL

EXIST TREES TO REMAIN (TYP.)

C/L PERIMETER SWALE (TYP.)

BEGIN LINE W1

BEGIN LINE R1

12' DRAINAGE & UTILITY EASEMENT PER O.R.B. 2693 PG. 1989

12' DRAINAGE EASEMENT PER PB.29, PG. 102

20' DRAINAGE EASEMENT PER PB. 29 PG. 102

SANDPIPER AVENUE

MATCH LINE – SEE SHEET NO. 2

ROYAL PALM BEACH BLVD.
SANDPIPER AVE.
KEY PLAN

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhasell\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|
| | | | |

60059.01

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
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EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN-PR0701
Sheet Reference Number
C5.01
Sheet ___ of ___

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 6

MATCH LINE – SEE SHEET NO. 1

MATCH LINE – SEE SHEET NO. 3

LAKE #1

LAKE #1

ISLAND

EXIST TREES TO REMAIN (TYP.)

EXIST TREES TO REMAIN (TYP.)

6.00' WIDE HIKE TRAIL

6.00' WIDE HIKE/BIKE TRAIL

12.00' WIDE HIKE/BIKE TRAIL

6.00' WIDE HIKE/BIKE TRAIL

PERIMETER SWALE

1.07%

0.96%

0.48%

0.30%

12' DRAINAGE & UTILITY EASEMENT PER O.R.B. 2693 PG. 1989

12' DRAINAGE EASEMENT PER PB.29, PG. 102

12' DRAINAGE EASEMENT PER PB 29, PG. 102

SANDPIPER AVENUE

0' 30' 60'
SCALE BAR

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

KEY PLAN

The Village of ROYAL PALM BEACH

| By: |
|---|
| Designed: |
| Drawn: |
| Checked: |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FL 33411
TOTAL PHONE (561) 753-0700 FAX 561-753-9724
EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN–PR0701
Sheet Reference Number
C5.02
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhaseII\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 7

REGRADING CONTINUED ON SHEET NO 07

REGRADING CONTINUED ON SHEET NO 04

MATCH LINE – SEE SHEET NO. 2

MATCH LINE – SEE SHEET NO. 4

0' 30' 60'
SCALE BAR

TRANSITION SLOPE AT BULKHEADS

PICNIC PAVILION WITH DOCK

REGRADE UP FROM ELEV 13.50 AT 4:1 TO ELEV 18.00

6.00' WIDE HIKE TRAIL

LAKE #1

ISLAND BOARDWALK

ISLAND

REGRADE UP FROM ELEV 14.0 AT 4:1 TO ELEV 17.00

12.00' WIDE HIKE/BIKE TRAIL

6.00' WIDE HIKE/BIKE TRAIL

EXIST TREES TO REMAIN (TYP.)

6.00' WIDE HIKE/BIKE TRAIL

C/L PERIMETER SWALE

12' DRAINAGE & UTILITY EASEMENT PER O.R.B. 2693 PG. 1989

12' DRAINAGE EASEMENT PER PB.29, PG. 102

12.00' WIDE HIKE/BIKE TRAIL

20' DRAINAGE EASEMENT PER PB.29 PG. 102

SANDPIPER AVENUE

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

KEY PLAN

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FL 33411
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EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN–PR0701
Sheet Reference Number
C5.03
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhase1\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 8

REGRADING CONTINUED ON SHEET 03

MATCH LINE – SEE SHEET NO. 3

0' 30' 60'
SCALE BAR

FF=18

C/L SWALE SEE PAVILION GRADING DETAIL ON SHEET C5.22 (TYP.)

LARGE GROUP PAVILION WITH DOCK

MATCH EX SLOPE

REGRADE UP FROM ELEV 13.50 AT 4:1 TO ELEV 18.00

LAKE #1

6.00' WIDE HIKE/BIKE TRAIL

BEGIN & END LINE W7

10.00' WIDE HIKE/BIKE TRAIL

12.00' WIDE HIKE/BIKE TRAIL

C/L PERIMETER SWALE

40' INGRESS/EGRESS EASEMENT PER O.R.B. 2701 PG. 822

12' DRAINAGE & UTILITY EASEMENT PER O.R.B. 2693 PG. 1989

12' DRAINAGE EASEMENT PER PB.29, PG. 102

THE WILLOWS (PB 29, PG. 102)

SANDPIPER AVENUE

GROUSE LANE

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

KEY PLAN

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhasell\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

The Village of ROYAL PALM BEACH

| By: |
|---|
| Designed: |
| Drawn: |
| Checked: |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01

ERDMAN ANTHONY
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ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN-PR0701
Sheet Reference Number
C5.04
Sheet ___ of ___

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 10

SCALE BAR 0' 30' 60'

SEE HORIZONTAL GEOMETRY SHEET C4.21

SEE SHEET C4.20 FOR ROAD PROFILE AS WELL AS SHEET C4.06, FOR ADDITIONAL ELEVATIONS

CURVE #2
DELTA = 48°46'42"
TANGENT = 83.88'
LENGTH = 157.50'
RADIUS = 185.00'

N 72°39'10" E

P.C. STA. 24+88.33

"F" CURB

12.00' WIDE SIDEWALK

12"x12" HEADER CURB

GRASS PARKING

LONG 5.38%

LONG 4.60%

CURVE #2

SEE GRADING PLAN DETAILS DRAWING C5.21 FOR MORE DETAIL

CAR WASH & GAS PUMPS

P2 PARKING LOT

IRRIGATION PUMP STATION

MAINTENANCE BLDG.
FF=19.00

FUTURE PARKING

6.00' WIDE HIKE TRAIL

P.C. STA. 21+65.83

N 23°52'27" E

E.O.W.

ASPHALT

CONCRETE

P.T. STA. 20+37.21

LONG. CHANGE IN GRADE = 0.99

0.50%

CURVE #1

LAKE #1

CURVE #1
DELTA = 66°07'33" LT
TANGENT = 139.96'
LENGTH = 248.13'
RADIUS = 215.00'

12.00' WIDE SIDEWALK

P.C. STA. 17+89.08

FUTURE HORTICULTURE CENTER

MATCH LINE – SEE SHEET NO. 5

MATCH LINE – SEE SHEET NO. 7

MATCH LINE – SEE SHEET NO. 2

KEY PLAN

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

| | | | |
|---|---|---|---|
| 18 | 19 | | |
| 16 | 17 | | |
| 13 | 14 | 15 | |
| 9 | 10 | 11 | 12 |
| 5 | 6 | 7 | 8 |
| 1 | 2 | 3 | 4 |

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|
| | | | |

60059.01

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EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN–PR0701
Sheet Reference Number
C5.06
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhaseII\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 11

MATCH LINE – SEE SHEET NO. 6

MATCH LINE – SEE SHEET NO. 8

MATCH LINE – SEE SHEET NO. 3

REGRADING CONTINUED ON SHEET NO 03

0' 30' 60'
SCALE BAR

GRASS PARKING

12"x12" HEADER CURB

12"x12" HEADER CURB

LAKE #1

KAYAK LAUNCH

BANQUET GARDEN

GREAT LAWN

ASPHALT

CONCRETE

ASPHALT

CONCRETE

PEDESTRIAN BRIDGE

12"x12" HEADER CURB

MATCH EX SLOPE

PLAY GROUND #2

6.00' WIDE HIKE TRAIL

LAKE #1

REGRADE UP FROM ELEV 13.50 AT 4:1 TO ELEV 18.00

PICNIC PAVILION (TYP.)

FF= 19.0

FF= 18.0

8.00' WIDE GREAT LAWN SIDEWALK

REGRADE DOWN FROM EDGE OF PAVILION SLAB ELEV 18.00 AT 4:1 TO ELEV 11.00

BEACH VOLLEYBALL COURT

REGRADE UP FROM ELEV 13.50 AT 4:1 TO ELEV 18.00

PICNIC PAVILION WITH DOCK

TRANSITION SLOPE AT BULKHEADS

6.00' WIDE HIKE TRAIL

ASPHALT CONCRETE

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

KEY PLAN

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | REVISED GRADES PER TRUCK ROUTE | 3/23/12 | SHB |

60059.01

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TELEPHONE 561-753-9723 FAX 561-753-9724
EB-23912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN-PR0701
Sheet Reference Number
C5.07
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhase1\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 14

MATCH LINE – SEE SHEET NO. 10

MATCH LINE – SEE SHEET NO. 12

MATCH LINE – SEE SHEET NO. 7

0' 30' 60'
SCALE BAR

SEE SHEET C4.20 FOR ROAD PROFILE AS WELL AS SHEET C4.11 FOR ADDITIONAL ELEVATIONS

1.0 ACRE MULTI-USE TOURNAMENT/ COMMON LAWN

CURVE #3
DELTA = 48°27'13"
TANGENT = 591.73'
LENGTH = 1112.07'
RADIUS = 1315.00'

6.00' WIDE SIDEWALK

12.00' SIDEWALK

12.00' WIDE SIDEWALK

GRASS PARKING

12"x12" HEADER CURB

6.00' WIDE HIKE TRAIL

CONCRETE

ASPHALT

P8

CURVE #5

BAND STAND FF=31.00

INTERACTIVE FOUNTAIN

SPORTING CENTER
GRND. FLOOR ELEV. = 19.0
2ND FLOOR ELEV. = 30.67

DECK

REGRADE DOWN FROM ELEV 17.00 AT 4:1 SLOPE TO ELEV 11.00

WEDDING PAVILION

LAKE #1

REGRADE DOWN FROM EDGE OF WEDDING PAVILION SLAB ELEV 19 AT 4:1 TO ELEV 11.00

REGRADE DOWN FROM ELEV 19.00 AT 4:1 SLOPE TO ELEV 11.00

MATCH EX SLOPE

8.00' WIDE GREAT LAWN SIDEWALK

BANQUET GARDEN

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

KEY PLAN

| | | | | |
|---|---|---|---|---|
| | | 18 | 19 | |
| | | 16 | 17 | |
| | 13 | 14 | 15 | |
| 9 | 10 | 11 | 12 | |
| 5 | 6 | 7 | 8 | |
| 1 | 2 | 3 | 4 | |

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|
| | | | |

60059.01

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FL 33411
TELEPHONE 561-753-8723 FAX 561-753-8724
EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN–PR0701
Sheet Reference Number
C5.11
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhase1\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 15

MATCH LINE – SEE SHEET NO. 11

FUTURE COMMUNITY ARTS CENTER

12.00' WIDE HIKE/BIKE TRAIL

6.00' WIDE HIKE TRAIL

TRANSITION SLOPE AT BULKHEADS

REGRADE UP FROM ELEV 13.50 AT 4:1 TO ELEV 18.00

REGRADE DOWN FROM EDGE OF PAVILION SLAB ELEV 18.00 AT 4:1 TO ELEV 11.00

PLAY GROUND #1

12"x12" HEADER CURB

PICNIC PAVILION (TYP.)

LAKE #1

TRANSITION SLOPE AT BULKHEADS

PICNIC PAVILION WITH DOCK

6.00' WIDE GREAT LAWN SIDEWALK

REGRADE UP FROM ELEV 13.50 AT 4:1 TO ELEV 18.00

12' DRAINAGE EASEMENT PER PB.29, PG. 102

12' DRAINAGE & UTILITY EASEMENT PER O.R.B. 2693 PG. 1989

12.00' WIDE HIKE/BIKE TRAIL

0' 30' 60'
SCALE BAR

ROYAL PALM BEACH BLVD.
SANDPIPER AVE.
KEY PLAN

GRADING CONTINUED ON SHEET 08

MATCH LINE – SEE SHEET NO. 8

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhasell\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

Revisions

| No. | Date | By |
|---|---|---|

60059.01

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FL 33411
TELEPHONE 561-753-9723 FAX 561-753-9724
EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN–PR0701
Sheet Reference Number
C5.12
Sheet ___ of ___

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 16 & 17

MATCH LINE – SEE SHEET NO. 13

MATCH LINE – SEE SHEET NO. 15

MATCH LINE – SEE SHEET NO. 11

0' 30' 60'
SCALE BAR

PRACTICE GREEN

PRACTICE GREEN

WASTE FEATURE

EXIST TREES TO REMAIN (TYP.)

WASTE FEATURE

TEE (LOWER)

SHORT GAME FAIRWAY

PRACTICE TEE (UPPER)

BEGIN LINE W6

LONG 13.68%

LONG 4.22%

LONG 4.33%

LONG 2.54%

FF= 26.50

PUTTING COURSE

1.0 ACRE MULTI-USE TOURNAMENT/ COMMON LAWN

C/L SWALE (TYP.)

12.00' WIDE HIKE/BIKE TRAIL

FUTURE PARKING

GRASS PARKING

234

235

236

237

232

233

ROYAL PALM BEACH BLVD.

SANDPIER AVE.

KEY PLAN

| | | | |
|---|---|---|---|
| 18 | 19 | | |
| 16 | 17 | | |
| 13 | 14 | 15 | |
| 9 | 10 | 11 | 12 |
| 5 | 6 | 7 | 8 |
| 1 | 2 | 3 | 4 |

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | ADDED FINISHED FLOOR ELEVATION FOR DRIVING RANGE BUILDING | 3/31/11 | BAJ |

60059.01

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FL 33411
TELEPHONE 561-753-9723 FAX 561-753-9724
EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN-PR0701
Sheet Reference Number
C5.14
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhaseII\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. 17

MATCH LINE – SEE SHEET NO. 14

MATCH LINE – SEE SHEET NO. 12

HERON PARKWAY

THE WILLOWS
(PB 29, PG. 102)

SEE HORIZONTAL GEOMETRY SHEET C4.21

SEE HORIZONTAL GEOMETRY SHEET C4.21

EXIST TREE TO REMAIN

R=554.66'
Δ=28°58'01"
L=280.42'

C/L PERIMETER SWALE

12' DRAINAGE & UTILITY EASEMENT PER O.R.B. 2693 PG. 1989

12' DRAINAGE EASEMENT PER PB.29, PG. 102

EXIST TREES TO REMAIN

C/L SWALE (TYP.)

C/L SWALE (TYP.)

12.00' WIDE HIKE/BIKE TRAIL

FUTURE COMMUNITY ARTS CENTER

0.31%

1.09%

1.05%

0.41%

0' 30' 60'
SCALE BAR

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

KEY PLAN

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | |
| Drawn: | |
| Checked: | |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FL 33411
TELEPHONE 561-753-9723 FAX 561-753-9724
EB-25912 LB-7334

ROYAL PALM BEACH COMMONS

GRADING PLAN

DANA I GILLETTE
FL PE 41913

EN-PR0701
Sheet Reference Number
C5.15
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhaseII\3) Production Drawings\Civil Engineering\Grading(10_0819).dwg

PLOT DATE: Jan 30 2013

# As-Built Data

Sexton Engineering Associates, Inc.
Michael D. Bonin, PSM, FL Reg. No. 4396
110 Ponce de Leon Street
Royal Palm Beach, FL 33411
561-792-3122
mbonin@sextonengineering.com

Seal:

July 17,2013
Royal Palm Beach Commons
Project Number (VRPB / Surveyor)
Vertical Datum:NAVD 88
Horizontal Datum: NAD83 Florida State Planes, East Zone

| Plan ID | Facility Code | Description | Northing | Easting | Elevation |
|---|---|---|---|---|---|
| 1 | Other- | Pavement | 859166.665 | 909371.926 | 22.88 |
| 2 | Other- | Pavement | 859191.356 | 909357.348 | 22.76 |
| 3 | Other- | Pavement | 859200.270 | 909366.035 | 22.73 |
| 4 | Other- | Pavement | 859193.460 | 909399.948 | 23.25 |
| 5 | Other- | Pavement | 859234.129 | 909331.512 | 22.57 |
| 6 | Other- | Pavement | 859289.638 | 909298.283 | 22.05 |
| 7 | Other- | Pavement | 859368.097 | 909277.667 | 21.57 |
| 8 | Other- | Pavement | 859343.369 | 909321.854 | 22.74 |
| 9 | Other- | Pavement | 859321.518 | 909325.073 | 22.07 |
| 10 | Other- | Pavement | 859295.992 | 909341.917 | 22.11 |
| 11 | Other- | Pavement | 859313.104 | 909336.531 | 21.99 |
| 12 | Other- | Pavement | 859294.961 | 909367.772 | 22.43 |
| 13 | Other- | Pavement | 859277.790 | 909375.853 | 22.62 |
| 14 | Other- | Pavement | 859251.614 | 909396.855 | 23.14 |
| 15 | Other- | Pavement | 859270.737 | 909335.794 | 22.11 |
| 16 | Other- | Pavement | 859291.466 | 909450.727 | 23.43 |
| 17 | Other- | Pavement | 859317.568 | 909431.966 | 23.06 |
| 18 | Other- | Pavement | 859354.499 | 909414.958 | 22.96 |
| 19 | Other- | Pavement | 859359.724 | 909400.747 | 22.80 |
| 20 | Other- | Pavement | 859398.752 | 909399.997 | 23.61 |
| 21 | Other- | Pavement | 859384.233 | 909412.479 | 23.36 |
| 22 | Other- | Pavement | 859360.258 | 909456.162 | 23.42 |
| 23 | Other- | Pavement | 859344.769 | 909468.535 | 23.44 |
| 24 | Other- | Pavement | 859331.251 | 909502.420 | 23.96 |
| 25 | Other- | Pavement | 859371.042 | 909522.439 | 23.97 |
| 26 | Other- | Pavement | 859418.747 | 909515.458 | 23.91 |
| 27 | Other- | Pavement | 859430.470 | 909473.816 | 24.00 |
| 28 | Other- | Pavement | 859386.998 | 909495.093 | 23.70 |
| 29 | Other- | Pavement | 859392.835 | 909464.649 | 23.55 |
| 30 | Other- | Pavement | 859385.665 | 909298.175 | 21.90 |
| 31 | Other- | Pavement | 859399.609 | 909288.946 | 22.11 |
| 32 | Other- | Pavement | 859417.581 | 909280.011 | 21.74 |
| 33 | Other- | Pavement | 859437.472 | 909247.950 | 21.27 |
| 34 | Other- | Pavement | 859385.190 | 909266.432 | 21.76 |
| 35 | Other- | Pavement | 859374.613 | 909217.101 | 21.02 |
| 36 | Other- | Pavement | 859360.010 | 909225.914 | 21.41 |
| 37 | Other- | Pavement | 859345.681 | 909234.839 | 21.01 |
| 38 | Other- | Pavement | 859271.670 | 909089.110 | 20.13 |
| 39 | Other- | Pavement | 859287.068 | 909081.914 | 20.52 |
| 40 | Other- | Pavement | 859302.714 | 909075.247 | 20.27 |



Addendum 3
9/23/2020

# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 41 | Other- | Pavement | 859243.686 | 908910.658 | 19.28 |
| 42 | Other- | Pavement | 859227.547 | 908915.615 | 19.60 |
| 43 | Other- | Pavement | 859211.366 | 908920.800 | 19.27 |
| 44 | Other- | Pavement | 859609.791 | 909510.277 | 27.44 |
| 45 | Other- | Pavement | 859597.646 | 909522.123 | 27.61 |
| 46 | Other- | Pavement | 859585.887 | 909534.471 | 27.27 |
| 47 | Other- | Pavement | 859483.350 | 909427.675 | 24.86 |
| 48 | Other- | Pavement | 859496.739 | 909417.255 | 25.17 |
| 49 | Other- | Pavement | 859510.026 | 909406.422 | 24.92 |
| 50 | Other- | Pavement | 859399.393 | 909318.655 | 22.20 |
| 51 | Other- | Pavement | 859427.196 | 909299.324 | 22.15 |
| 52 | Other- | Pavement | 859433.732 | 909216.384 | 21.34 |
| 53 | Other- | Pavement | 859485.479 | 909230.858 | 21.21 |
| 54 | Other- | Pavement | 859499.461 | 909222.412 | 21.39 |
| 55 | Other- | Pavement | 859478.442 | 909249.706 | 20.71 |
| 56 | Other- | Pavement | 859471.672 | 909263.871 | 21.02 |
| 57 | Other- | Pavement | 859457.663 | 909274.767 | 21.30 |
| 58 | Other- | Pavement | 859493.661 | 909325.470 | 20.96 |
| 59 | Other- | Pavement | 859512.657 | 909318.600 | 20.62 |
| 60 | Other- | Pavement | 859500.996 | 909334.347 | 20.78 |
| 61 | Other- | Pavement | 859522.831 | 909310.340 | 20.29 |
| 62 | Other- | Pavement | 859532.811 | 909302.309 | 20.57 |
| 63 | Other- | Pavement | 859545.666 | 909286.764 | 20.98 |
| 64 | Other- | Pavement | 859552.181 | 909294.725 | 20.96 |
| 65 | Other- | Pavement | 859603.032 | 909356.117 | 20.40 |
| 66 | Other- | Pavement | 859610.362 | 909364.269 | 20.26 |
| 67 | Other- | Pavement | 859591.612 | 909373.121 | 19.96 |
| 68 | Other- | Pavement | 859587.052 | 909386.967 | 19.60 |
| 69 | Other- | Pavement | 859579.979 | 909398.217 | 19.93 |
| 70 | Other- | Pavement | 859561.791 | 909406.637 | 20.38 |
| 71 | Other- | Pavement | 859568.996 | 909415.235 | 20.29 |
| 72 | Other- | Pavement | 859628.066 | 909475.321 | 20.25 |
| 73 | Other- | Pavement | 859652.659 | 909471.282 | 19.96 |
| 74 | Other- | Pavement | 859661.652 | 909462.673 | 19.71 |
| 75 | Other- | Pavement | 859670.415 | 909452.975 | 20.04 |
| 76 | Other- | Pavement | 859673.234 | 909428.874 | 20.17 |
| 77 | Other- | Pavement | 859853.565 | 909569.830 | 20.88 |
| 78 | Other- | Pavement | 859838.478 | 909583.596 | 20.47 |
| 79 | Other- | Pavement | 859844.744 | 909564.228 | 20.78 |
| 80 | Other- | Pavement | 859771.642 | 909512.438 | 20.33 |
| 81 | Other- | Pavement | 859754.876 | 909524.457 | 20.00 |
| 82 | Other- | Pavement | 859762.942 | 909505.970 | 20.28 |
| 83 | Other- | Pavement | 859694.432 | 909448.196 | 20.22 |
| 84 | Other- | Pavement | 859651.093 | 909496.370 | 20.21 |
| 85 | Other- | Pavement | 859723.626 | 909557.292 | 20.32 |
| 86 | Other- | Pavement | 859739.820 | 909545.068 | 19.88 |
| 87 | Other- | Pavement | 859746.926 | 909534.664 | 19.51 |
| 88 | Other- | Pavement | 859732.663 | 909563.936 | 20.39 |



Addendum 3
9/23/2020

# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 89 | Other- | Pavement | 859809.731 | 909617.713 | 20.88 |
| 90 | Other- | Pavement | 859824.603 | 909604.612 | 20.52 |
| 91 | Other- | Pavement | 859831.822 | 909593.092 | 20.22 |
| 92 | Other- | Pavement | 859819.257 | 909623.808 | 20.98 |
| 93 | Other- | Pavement | 859863.795 | 909650.929 | 21.21 |
| 94 | Other- | Pavement | 859876.501 | 909636.128 | 20.85 |
| 95 | Other- | Pavement | 859924.059 | 909632.389 | 21.08 |
| 96 | Other- | Pavement | 859930.833 | 909615.207 | 21.36 |
| 97 | Other- | Pavement | 859912.440 | 909692.074 | 21.03 |
| 98 | Other- | Pavement | 859887.669 | 909678.937 | 21.27 |
| 99 | Other- | Pavement | 859920.036 | 909745.841 | 20.81 |
| 100 | Other- | Pavement | 859912.875 | 909758.888 | 20.48 |
| 101 | Other- | Pavement | 859844.614 | 909723.295 | 21.71 |
| 102 | Other- | Pavement | 859853.876 | 909708.872 | 22.10 |
| 103 | Other- | Pavement | 859862.379 | 909694.253 | 21.77 |
| 104 | Other- | Pavement | 859739.308 | 909616.368 | 24.62 |
| 105 | Other- | Pavement | 859729.101 | 909630.604 | 24.98 |
| 106 | Other- | Pavement | 859718.971 | 909643.522 | 24.69 |
| 107 | Other- | Pavement | 859682.115 | 909702.454 | 23.84 |
| 108 | Other- | Pavement | 859653.536 | 909721.566 | 23.85 |
| 109 | Other- | Pavement | 859630.135 | 909712.279 | 24.12 |
| 110 | Other- | Pavement | 859638.112 | 909761.408 | 23.89 |
| 111 | Other- | Pavement | 859652.649 | 909755.722 | 23.80 |
| 112 | Other- | Pavement | 859675.875 | 909782.782 | 23.53 |
| 113 | Other- | Pavement | 859690.950 | 909739.995 | 23.43 |
| 114 | Other- | Pavement | 859692.203 | 909761.768 | 23.26 |
| 115 | Other- | Pavement | 859681.196 | 909832.376 | 23.94 |
| 116 | Other- | Pavement | 859681.204 | 909832.414 | 23.94 |
| 117 | Other- | Pavement | 859702.296 | 909806.712 | 23.25 |
| 118 | Other- | Pavement | 859719.242 | 909780.352 | 23.01 |
| 119 | Other- | Pavement | 859737.527 | 909753.456 | 22.92 |
| 120 | Other- | Pavement | 859754.019 | 909725.704 | 23.49 |
| 121 | Other- | Pavement | 859831.102 | 909771.392 | 22.63 |
| 122 | Other- | Pavement | 859815.701 | 909799.607 | 21.97 |
| 123 | Other- | Pavement | 859799.916 | 909828.365 | 22.17 |
| 124 | Other- | Pavement | 859785.997 | 909857.633 | 22.39 |
| 125 | Other- | Pavement | 859768.946 | 909884.992 | 23.09 |
| 126 | Other- | Pavement | 859779.510 | 909891.202 | 22.56 |
| 127 | Other- | Pavement | 859801.409 | 909902.667 | 22.65 |
| 128 | Other- | Pavement | 859824.742 | 909878.199 | 22.44 |
| 129 | Other- | Pavement | 859822.438 | 909837.169 | 21.99 |
| 130 | Other- | Pavement | 859854.647 | 909821.206 | 21.98 |
| 131 | Other- | Pavement | 859861.278 | 909789.121 | 21.61 |
| 132 | Other- | Pavement | 859840.817 | 909775.151 | 21.83 |
| 133 | Other- | Pavement | 858932.855 | 908628.140 | 17.06 |
| 134 | Other- | Pavement | 858941.777 | 908613.633 | 17.42 |
| 135 | Other- | Pavement | 858951.559 | 908599.124 | 17.06 |
| 136 | Other- | Pavement | 859081.390 | 908659.515 | 17.82 |



Addendum 3
9/23/2020

# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 137 | Other- | Pavement | 859075.387 | 908675.432 | 18.17 |
| 138 | Other- | Pavement | 859067.638 | 908690.581 | 17.89 |
| 139 | Other- | Pavement | 859164.149 | 908776.111 | 18.56 |
| 140 | Other- | Pavement | 859179.823 | 908769.091 | 18.89 |
| 141 | Other- | Pavement | 859194.834 | 908761.208 | 18.53 |
| 142 | Other- | Pavement | 858834.951 | 908496.917 | 17.89 |
| 143 | Other- | Pavement | 858851.793 | 908493.229 | 18.25 |
| 144 | Other- | Pavement | 858868.947 | 908489.332 | 18.08 |
| 145 | Other- | Pavement | 858842.355 | 908402.806 | 18.59 |
| 146 | Other- | Pavement | 858866.583 | 908343.276 | 18.45 |
| 147 | Other- | Pavement | 858849.625 | 908342.966 | 18.59 |
| 148 | Other- | Pavement | 858835.792 | 908342.983 | 18.67 |
| 149 | Other- | Pavement | 858818.990 | 908344.277 | 18.42 |
| 150 | Other- | Pavement | 858818.128 | 908226.892 | 19.04 |
| 151 | Other- | Pavement | 858842.732 | 908227.210 | 19.25 |
| 152 | Other- | Pavement | 858866.831 | 908227.597 | 19.01 |
| 153 | Other- | Pavement | 858816.245 | 908115.626 | 19.74 |
| 154 | Other- | Pavement | 858844.826 | 908112.557 | 20.05 |
| 155 | Other- | Pavement | 858887.574 | 908088.584 | 19.65 |
| 156 | Other- | Pavement | 858892.874 | 908058.464 | 19.90 |
| 157 | Other- | Pavement | 858880.649 | 908011.395 | 19.58 |
| 158 | Other- | Pavement | 858840.356 | 908013.127 | 19.86 |
| 159 | Other- | Pavement | 858794.171 | 908009.946 | 19.37 |
| 160 | Other- | Pavement | 858793.069 | 908062.236 | 20.08 |
| 161 | Other- | Pavement | 858813.700 | 908062.188 | 20.19 |
| 162 | Other- | Pavement | 858843.831 | 908092.165 | 20.15 |
| 163 | Other- | Pavement | 858871.835 | 908061.450 | 20.15 |
| 164 | Other- | Pavement | 858843.009 | 908033.104 | 20.23 |
| 165 | Other- | Pavement | 858736.202 | 908050.414 | 19.75 |
| 166 | Other- | Pavement | 858737.717 | 908063.001 | 19.93 |
| 167 | Other- | Pavement | 858737.971 | 908076.905 | 19.84 |
| 168 | Other- | Pavement | 858879.272 | 907879.276 | 18.08 |
| 169 | Other- | Pavement | 858850.679 | 907877.483 | 18.47 |
| 170 | Other- | Pavement | 858834.793 | 907877.839 | 18.67 |
| 171 | Other- | Pavement | 858806.031 | 907877.269 | 18.11 |
| 172 | Other- | Pavement | 858806.360 | 907747.213 | 16.74 |
| 173 | Other- | Pavement | 858834.800 | 907748.565 | 17.55 |
| 174 | Other- | Pavement | 858850.690 | 907748.049 | 17.32 |
| 175 | Other- | Pavement | 858879.347 | 907749.288 | 16.66 |
| 176 | Other- | Pavement | 858879.434 | 907717.982 | 16.95 |
| 177 | Other- | Pavement | 858842.734 | 907717.697 | 17.44 |
| 178 | Other- | Pavement | 858806.048 | 907718.635 | 16.85 |
| 179 | Other- | Pavement | 858766.287 | 907680.099 | 17.33 |
| 180 | Other- | Pavement | 858768.036 | 907655.145 | 17.67 |
| 181 | Other- | Pavement | 858670.566 | 907653.157 | 17.39 |
| 182 | Other- | Pavement | 858669.577 | 907678.156 | 17.07 |
| 183 | Other- | Pavement | 858571.198 | 907676.436 | 16.64 |
| 184 | Other- | Pavement | 858571.408 | 907651.150 | 17.10 |



Addendum 3
9/23/2020

# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 185 | Other- | Pavement | 858510.197 | 907649.933 | 16.82 |
| 186 | Other- | Pavement | 858508.351 | 907675.125 | 16.50 |
| 187 | Other- | Pavement | 858447.660 | 907663.241 | 16.77 |
| 188 | Other- | Pavement | 858447.779 | 907648.821 | 16.99 |
| 189 | Other- | Pavement | 858340.001 | 907657.397 | 17.02 |
| 190 | Other- | Pavement | 858340.593 | 907646.773 | 17.30 |
| 191 | Other- | Pavement | 858237.946 | 907651.945 | 17.36 |
| 192 | Other- | Pavement | 858237.924 | 907644.532 | 17.52 |
| 193 | Other- | Pavement | 858842.347 | 907681.660 | 17.61 |
| 194 | Other- | Pavement | 858842.480 | 907657.035 | 17.81 |
| 195 | Other- | Pavement | 858926.858 | 907659.479 | 17.67 |
| 196 | Other- | Pavement | 858927.371 | 907673.510 | 17.57 |
| 197 | Other- | Pavement | 859081.185 | 907679.373 | 16.96 |
| 198 | Other- | Pavement | 859105.212 | 907665.872 | 17.23 |
| 199 | Other- | Pavement | 859128.790 | 907680.893 | 16.78 |
| 200 | Other- | Pavement | 859233.047 | 907684.816 | 16.38 |
| 201 | Other- | Pavement | 859233.525 | 907670.090 | 16.84 |
| 202 | Other- | Pavement | 859303.808 | 907684.863 | 16.96 |
| 203 | Other- | Pavement | 859303.819 | 907672.734 | 16.77 |
| 204 | Other- | Pavement | 859397.631 | 907685.313 | 16.33 |
| 205 | Other- | Pavement | 859396.905 | 907676.018 | 16.55 |
| 206 | Other- | Pavement | 859280.902 | 907708.545 | 17.75 |
| 207 | Other- | Pavement | 859259.434 | 907708.468 | 17.86 |
| 208 | Other- | Pavement | 859229.097 | 907743.761 | 19.02 |
| 209 | Other- | Pavement | 859247.926 | 907765.590 | 18.81 |
| 210 | Other- | Pavement | 859183.149 | 907788.113 | 20.23 |
| 211 | Other- | Pavement | 859182.928 | 907768.304 | 20.04 |
| 212 | Other- | Pavement | 859135.287 | 907753.514 | 19.36 |
| 213 | Other- | Pavement | 859117.764 | 907777.981 | 19.82 |
| 214 | Other- | Pavement | 859113.543 | 907695.216 | 17.48 |
| 215 | Other- | Pavement | 859096.931 | 907694.682 | 17.55 |
| 216 | Other- | Pavement | 859105.256 | 907740.641 | 18.88 |
| 217 | Other- | Pavement | 859075.435 | 907790.434 | 19.82 |
| 218 | Other- | Pavement | 859054.874 | 907788.496 | 20.14 |
| 219 | Other- | Pavement | 859088.124 | 907796.218 | 19.69 |
| 220 | Other- | Pavement | 859116.326 | 907805.469 | 20.15 |
| 221 | Other- | Pavement | 859106.014 | 907842.513 | 20.10 |
| 222 | Other- | Pavement | 859075.333 | 907833.483 | 19.77 |
| 223 | Other- | Pavement | 859044.192 | 907826.487 | 20.25 |
| 224 | Other- | Pavement | 859029.119 | 907886.766 | 19.64 |
| 225 | Other- | Pavement | 859060.676 | 907892.361 | 18.99 |
| 226 | Other- | Pavement | 859095.072 | 907893.092 | 19.73 |
| 227 | Other- | Pavement | 858973.850 | 908050.270 | 19.44 |
| 228 | Other- | Pavement | 858971.979 | 908075.246 | 19.47 |
| 229 | Other- | Pavement | 858971.509 | 908062.845 | 19.48 |
| 230 | Other- | Pavement | 859922.836 | 909783.922 | 21.28 |
| 231 | Other- | Pavement | 859927.373 | 909773.637 | 21.15 |
| 232 | Other- | Pavement | 860089.223 | 909848.963 | 19.00 |



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# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 233 | Other- | Pavement | 860094.033 | 909838.878 | 19.11 |
| 234 | Other- | Pavement | 860200.478 | 909918.376 | 19.57 |
| 235 | Other- | Pavement | 860191.814 | 909925.938 | 19.41 |
| 236 | Other- | Pavement | 860237.517 | 910017.452 | 19.82 |
| 237 | Other- | Pavement | 860225.940 | 910019.682 | 19.70 |
| 238 | Other- | Pavement | 860202.030 | 910135.720 | 19.53 |
| 239 | Other- | Pavement | 860213.164 | 910139.245 | 19.71 |
| 240 | Other- | Pavement | 860163.254 | 910267.410 | 19.30 |
| 241 | Other- | Pavement | 860153.029 | 910261.769 | 19.18 |
| 242 | Other- | Pavement | 860084.860 | 910355.898 | 18.92 |
| 243 | Other- | Pavement | 860077.973 | 910346.739 | 18.72 |
| 244 | Other- | Pavement | 859948.384 | 910391.786 | 18.40 |
| 245 | Other- | Pavement | 859948.954 | 910380.006 | 18.25 |
| 246 | Other- | Pavement | 859831.918 | 910408.854 | 17.96 |
| 247 | Other- | Pavement | 859831.968 | 910396.984 | 17.85 |
| 248 | Other- | Pavement | 859748.586 | 910421.821 | 17.79 |
| 249 | Other- | Pavement | 859748.878 | 910409.896 | 17.44 |
| 250 | Other- | Pavement | 859709.694 | 910432.263 | 17.67 |
| 251 | Other- | Pavement | 859705.500 | 910421.059 | 17.52 |
| 252 | Other- | Pavement | 859658.844 | 910497.049 | 17.29 |
| 253 | Other- | Pavement | 859647.240 | 910494.318 | 17.08 |
| 254 | Other- | Pavement | 859693.344 | 910385.219 | 17.88 |
| 255 | Other- | Pavement | 859687.418 | 910388.001 | 17.96 |
| 256 | Other- | Pavement | 859709.889 | 910295.317 | 18.56 |
| 257 | Other- | Pavement | 859705.950 | 910290.631 | 18.59 |
| 258 | Other- | Pavement | 859754.273 | 910197.591 | 19.62 |
| 259 | Other- | Pavement | 859748.656 | 910196.235 | 19.76 |
| 260 | Other- | Pavement | 859738.028 | 910102.780 | 20.48 |
| 261 | Other- | Pavement | 859732.020 | 910103.973 | 20.61 |
| 262 | Other- | Pavement | 859715.449 | 910021.796 | 21.81 |
| 263 | Other- | Pavement | 859708.834 | 910021.438 | 21.73 |
| 264 | Other- | Pavement | 859691.573 | 910034.525 | 20.48 |
| 265 | Other- | Pavement | 859688.564 | 910038.703 | 20.36 |
| 266 | Other- | Pavement | 859686.143 | 910610.543 | 16.55 |
| 267 | Other- | Pavement | 859679.741 | 910625.867 | 16.37 |
| 268 | Other- | Pavement | 859665.582 | 910705.613 | 15.92 |
| 269 | Other- | Pavement | 859679.022 | 910705.951 | 16.14 |
| 270 | Other- | Pavement | 859611.713 | 910743.521 | 16.21 |
| 271 | Other- | Pavement | 859533.281 | 910742.890 | 17.30 |
| 272 | Other- | Pavement | 859522.504 | 910751.385 | 17.52 |
| 273 | Other- | Pavement | 859405.627 | 910697.761 | 18.81 |
| 274 | Other- | Pavement | 859409.453 | 910686.675 | 18.75 |
| 275 | Other- | Pavement | 859329.798 | 910709.645 | 18.71 |
| 276 | Other- | Pavement | 859325.977 | 910698.352 | 18.65 |
| 277 | Other- | Pavement | 859224.386 | 910731.032 | 17.38 |
| 278 | Other- | Pavement | 859224.256 | 910742.654 | 17.38 |
| 279 | Other- | Pavement | 859077.097 | 910721.531 | 18.97 |
| 280 | Other- | Pavement | 859078.430 | 910710.918 | 18.93 |



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# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 281 | Other- | Pavement | 858942.109 | 910717.474 | 16.62 |
| 282 | Other- | Pavement | 858942.249 | 910729.502 | 16.59 |
| 283 | Other- | Pavement | 858833.191 | 910725.473 | 17.93 |
| 284 | Other- | Pavement | 858832.995 | 910720.057 | 17.97 |
| 285 | Other- | Pavement | 858774.815 | 910717.859 | 18.16 |
| 286 | Other- | Pavement | 858774.230 | 910724.039 | 18.04 |
| 287 | Other- | Pavement | 858697.297 | 910688.176 | 18.54 |
| 288 | Other- | Pavement | 858694.120 | 910693.520 | 18.45 |
| 289 | Other- | Pavement | 858637.225 | 910624.291 | 18.33 |
| 290 | Other- | Pavement | 858641.179 | 910619.708 | 18.43 |
| 291 | Other- | Pavement | 858587.794 | 910575.748 | 18.64 |
| 292 | Other- | Pavement | 858583.896 | 910580.576 | 18.51 |
| 293 | Other- | Pavement | 858526.419 | 910536.243 | 17.91 |
| 294 | Other- | Pavement | 858531.336 | 910532.426 | 17.99 |
| 295 | Other- | Pavement | 858499.598 | 910482.911 | 17.20 |
| 296 | Other- | Pavement | 858493.578 | 910485.200 | 17.04 |
| 297 | Other- | Pavement | 858466.809 | 910433.176 | 16.23 |
| 298 | Other- | Pavement | 858479.403 | 910430.763 | 16.30 |
| 299 | Other- | Pavement | 858581.075 | 910487.576 | 18.57 |
| 300 | Other- | Pavement | 858584.026 | 910492.906 | 18.61 |
| 301 | Other- | Pavement | 858590.334 | 910528.953 | 19.65 |
| 302 | Other- | Pavement | 858584.860 | 910528.542 | 19.68 |
| 303 | Other- | Pavement | 858683.783 | 910446.113 | 17.81 |
| 304 | Other- | Pavement | 858687.618 | 910439.930 | 17.73 |
| 305 | Other- | Pavement | 858737.973 | 910469.143 | 18.29 |
| 306 | Other- | Pavement | 858742.546 | 910464.828 | 18.17 |
| 307 | Other- | Pavement | 858772.386 | 910526.377 | 18.25 |
| 308 | Other- | Pavement | 858766.147 | 910526.746 | 18.34 |
| 309 | Other- | Pavement | 858770.903 | 910574.744 | 18.58 |
| 310 | Other- | Pavement | 858776.674 | 910570.408 | 18.58 |
| 311 | Other- | Pavement | 858813.472 | 910650.143 | 18.74 |
| 312 | Other- | Pavement | 858807.969 | 910653.617 | 18.78 |
| 313 | Other- | Pavement | 858881.062 | 910702.166 | 17.87 |
| 314 | Other- | Pavement | 858877.991 | 910707.751 | 17.93 |
| 315 | Other- | Pavement | 858755.824 | 910636.343 | 19.60 |
| 316 | Other- | Pavement | 858751.446 | 910631.924 | 19.57 |
| 317 | Other- | Pavement | 858689.035 | 910654.478 | 19.07 |
| 318 | Other- | Pavement | 858689.978 | 910648.202 | 19.10 |
| 319 | Other- | Pavement | 858623.870 | 910619.752 | 18.28 |
| 320 | Other- | Pavement | 858617.308 | 910612.607 | 18.26 |
| 321 | Other- | Pavement | 858545.721 | 910669.465 | 18.77 |
| 322 | Other- | Pavement | 858551.141 | 910678.772 | 18.78 |
| 323 | Other- | Pavement | 858491.312 | 910726.255 | 19.15 |
| 324 | Other- | Pavement | 858485.947 | 910716.353 | 19.21 |
| 325 | Other- | Pavement | 858442.343 | 910764.373 | 17.24 |
| 326 | Other- | Pavement | 858447.502 | 910393.685 | 17.03 |
| 327 | Other- | Pavement | 858441.528 | 910398.198 | 16.88 |
| 328 | Other- | Pavement | 858386.110 | 910330.499 | 18.36 |



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# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 329 | Other- | Pavement | 858378.447 | 910331.465 | 18.18 |
| 330 | Other- | Pavement | 858336.014 | 910273.650 | 18.63 |
| 331 | Other- | Pavement | 858329.881 | 910276.333 | 18.46 |
| 332 | Other- | Pavement | 858268.116 | 910184.215 | 18.23 |
| 333 | Other- | Pavement | 858261.694 | 910187.337 | 17.83 |
| 334 | Other- | Pavement | 858271.323 | 910177.336 | 18.24 |
| 335 | Other- | Pavement | 858275.177 | 910172.689 | 18.19 |
| 336 | Other- | Pavement | 858248.493 | 910104.648 | 17.43 |
| 337 | Other- | Pavement | 858242.076 | 910104.018 | 17.57 |
| 338 | Other- | Pavement | 858234.860 | 910103.378 | 17.19 |
| 339 | Other- | Pavement | 858240.509 | 910001.977 | 18.79 |
| 340 | Other- | Pavement | 858246.719 | 910003.041 | 18.91 |
| 341 | Other- | Pavement | 858252.503 | 910033.048 | 18.23 |
| 342 | Other- | Pavement | 858258.119 | 910035.396 | 18.08 |
| 343 | Other- | Pavement | 858281.262 | 909972.697 | 18.32 |
| 344 | Other- | Pavement | 858286.366 | 909975.996 | 18.18 |
| 345 | Other- | Pavement | 858325.635 | 910201.851 | 18.70 |
| 346 | Other- | Pavement | 858326.578 | 910195.496 | 18.68 |
| 347 | Other- | Pavement | 858424.845 | 910207.279 | 17.35 |
| 348 | Other- | Pavement | 858422.961 | 910213.520 | 17.47 |
| 349 | Other- | Pavement | 858452.346 | 910276.749 | 17.37 |
| 350 | Other- | Pavement | 858446.235 | 910277.720 | 17.46 |
| 351 | Other- | Pavement | 858449.316 | 910363.290 | 17.48 |
| 352 | Other- | Pavement | 858455.555 | 910363.370 | 17.31 |
| 353 | Other- | Pavement | 858246.533 | 909888.707 | 19.54 |
| 354 | Other- | Pavement | 858240.624 | 909888.405 | 19.39 |
| 355 | Other- | Pavement | 858234.355 | 909811.103 | 19.06 |
| 356 | Other- | Pavement | 858240.533 | 909809.646 | 19.14 |
| 357 | Other- | Pavement | 858236.822 | 909765.567 | 18.29 |
| 358 | Other- | Pavement | 858230.429 | 909765.770 | 18.05 |
| 359 | Other- | Pavement | 858241.602 | 909764.942 | 18.26 |
| 360 | Other- | Pavement | 858246.682 | 909761.335 | 18.05 |
| 361 | Other- | Pavement | 858286.556 | 909803.743 | 18.21 |
| 362 | Other- | Pavement | 858289.299 | 909798.156 | 18.12 |
| 363 | Other- | Pavement | 858340.248 | 909849.585 | 17.85 |
| 364 | Other- | Pavement | 858346.995 | 909850.629 | 17.77 |
| 365 | Other- | Pavement | 858326.965 | 909910.626 | 18.07 |
| 366 | Other- | Pavement | 858333.806 | 909911.717 | 17.93 |
| 367 | Other- | Pavement | 858239.516 | 909724.126 | 17.10 |
| 368 | Other- | Pavement | 858226.754 | 909722.911 | 16.98 |
| 369 | Other- | Pavement | 858249.025 | 909609.629 | 19.30 |
| 370 | Other- | Pavement | 858262.342 | 909608.864 | 19.35 |
| 371 | Other- | Pavement | 858246.933 | 909504.774 | 19.25 |
| 372 | Other- | Pavement | 858259.718 | 909503.508 | 19.09 |
| 373 | Other- | Pavement | 858258.556 | 909401.632 | 18.96 |
| 374 | Other- | Pavement | 858269.779 | 909400.814 | 18.82 |
| 375 | Other- | Pavement | 858252.519 | 909287.450 | 18.27 |
| 376 | Other- | Pavement | 858260.276 | 909284.543 | 18.56 |



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# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 377 | Other- | Pavement | 858265.089 | 909279.905 | 18.38 |
| 378 | Other- | Pavement | 858270.881 | 909281.267 | 18.29 |
| 379 | Other- | Pavement | 858240.809 | 909210.404 | 18.60 |
| 380 | Other- | Pavement | 858234.668 | 909211.573 | 18.52 |
| 381 | Other- | Pavement | 858228.512 | 909141.310 | 18.70 |
| 382 | Other- | Pavement | 858222.676 | 909140.468 | 18.70 |
| 383 | Other- | Pavement | 858229.704 | 909088.581 | 18.89 |
| 384 | Other- | Pavement | 858224.884 | 909081.883 | 18.68 |
| 385 | Other- | Pavement | 858248.072 | 909021.023 | 18.50 |
| 386 | Other- | Pavement | 858243.398 | 909017.302 | 18.39 |
| 387 | Other- | Pavement | 858269.470 | 908950.881 | 19.13 |
| 388 | Other- | Pavement | 858263.177 | 908943.905 | 18.99 |
| 389 | Other- | Pavement | 858266.297 | 908922.309 | 18.90 |
| 390 | Other- | Pavement | 858237.375 | 908873.724 | 18.56 |
| 391 | Other- | Pavement | 858254.219 | 908878.644 | 18.58 |
| 392 | Other- | Pavement | 858226.829 | 908818.020 | 18.50 |
| 393 | Other- | Pavement | 858313.334 | 908952.314 | 17.74 |
| 394 | Other- | Pavement | 858314.536 | 908945.924 | 17.57 |
| 395 | Other- | Pavement | 858367.452 | 909021.222 | 17.62 |
| 396 | Other- | Pavement | 858361.810 | 909020.946 | 17.77 |
| 397 | Other- | Pavement | 858309.394 | 909088.656 | 18.06 |
| 398 | Other- | Pavement | 858305.138 | 909083.967 | 18.14 |
| 399 | Other- | Pavement | 858278.071 | 909171.097 | 17.63 |
| 400 | Other- | Pavement | 858271.885 | 909170.664 | 17.91 |
| 401 | Other- | Pavement | 858662.140 | 908373.663 | 18.19 |
| 402 | Other- | Pavement | 858661.739 | 908384.824 | 18.27 |
| 403 | Other- | Pavement | 858551.077 | 908382.117 | 18.58 |
| 404 | Other- | Pavement | 858552.520 | 908370.324 | 18.38 |
| 405 | Other- | Pavement | 858435.820 | 908353.819 | 19.06 |
| 406 | Other- | Pavement | 858440.038 | 908342.875 | 19.04 |
| 407 | Other- | Pavement | 858393.707 | 908333.266 | 18.67 |
| 408 | Other- | Pavement | 858381.287 | 908345.371 | 18.66 |
| 409 | Other- | Pavement | 858303.474 | 908366.584 | 18.58 |
| 410 | Other- | Pavement | 858313.409 | 908372.488 | 18.64 |
| 411 | Other- | Pavement | 858286.944 | 908416.549 | 19.30 |
| 412 | Other- | Pavement | 858274.751 | 908416.460 | 19.08 |
| 413 | Other- | Pavement | 858274.513 | 908469.971 | 19.58 |
| 414 | Other- | Pavement | 859014.432 | 908893.465 | 17.22 |
| 415 | Other- | Pavement | 859011.112 | 908887.387 | 17.03 |
| 416 | Other- | Pavement | 858925.738 | 908912.804 | 17.83 |
| 417 | Other- | Pavement | 858923.546 | 908923.009 | 18.00 |
| 418 | Other- | Pavement | 858917.922 | 908930.766 | 18.01 |
| 419 | Other- | Pavement | 858985.103 | 909000.422 | 18.88 |
| 420 | Other- | Pavement | 858989.593 | 908994.745 | 18.79 |
| 421 | Other- | Pavement | 858826.097 | 908895.846 | 17.13 |
| 422 | Other- | Pavement | 858827.622 | 908887.253 | 16.97 |
| 423 | Other- | Pavement | 858721.328 | 908891.447 | 16.26 |
| 424 | Other- | Pavement | 858722.592 | 908898.810 | 16.39 |



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# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 425 | Other- | Pavement | 858638.406 | 908937.691 | 15.60 |
| 426 | Other- | Pavement | 858634.724 | 908931.708 | 15.60 |
| 427 | Other- | Pavement | 858595.136 | 909035.776 | 15.66 |
| 428 | Other- | Pavement | 858602.682 | 909035.180 | 15.65 |
| 429 | Other- | Pavement | 858271.491 | 908489.419 | 22.30 |
| 430 | Other- | Pavement | 858263.235 | 908488.976 | 22.17 |
| 431 | Other- | Pavement | 858255.391 | 908485.571 | 22.06 |
| 432 | Other- | Pavement | 858281.770 | 908442.248 | 23.10 |
| 433 | Other- | Pavement | 858269.661 | 908522.705 | 21.51 |
| 434 | Other- | Pavement | 858275.938 | 908520.789 | 21.61 |
| 435 | Other- | Pavement | 858309.528 | 908591.708 | 22.18 |
| 436 | Other- | Pavement | 858303.546 | 908593.614 | 22.06 |
| 437 | Other- | Pavement | 858272.701 | 908673.839 | 22.00 |
| 438 | Other- | Pavement | 858266.380 | 908674.605 | 22.07 |
| 439 | Other- | Pavement | 858303.494 | 908772.648 | 21.49 |
| 440 | Other- | Pavement | 858297.058 | 908772.158 | 21.57 |
| 441 | Other- | Pavement | 858267.298 | 908834.051 | 21.83 |
| 442 | Other- | Pavement | 858270.585 | 908840.837 | 21.88 |
| 443 | Other- | Pavement | 858232.969 | 908813.979 | 21.85 |
| 444 | Other- | Pavement | 858226.848 | 908813.819 | 21.64 |
| 445 | Other- | Pavement | 858240.655 | 908717.487 | 21.98 |
| 446 | Other- | Pavement | 858234.697 | 908716.831 | 21.91 |
| 447 | Other- | Pavement | 858243.438 | 908635.904 | 22.38 |
| 448 | Other- | Pavement | 858237.282 | 908635.853 | 22.34 |
| 449 | Other- | Pavement | 858250.863 | 908523.152 | 21.80 |
| 450 | Other- | Pavement | 858244.948 | 908521.917 | 21.76 |
| 451 | Other- | Pavement | 858600.657 | 909117.602 | 15.81 |
| 452 | Other- | Pavement | 858596.309 | 909124.713 | 15.66 |
| 453 | Other- | Pavement | 858689.537 | 909150.410 | 16.17 |
| 454 | Other- | Pavement | 858694.289 | 909145.204 | 16.18 |
| 455 | Other- | Pavement | 858751.677 | 909226.319 | 15.74 |
| 456 | Other- | Pavement | 858745.109 | 909228.683 | 15.64 |
| 457 | Other- | Pavement | 858760.692 | 909319.606 | 15.33 |
| 458 | Other- | Pavement | 858753.442 | 909318.482 | 15.17 |
| 459 | Other- | Pavement | 858744.517 | 909381.533 | 15.22 |
| 460 | Other- | Pavement | 858737.937 | 909378.078 | 15.13 |
| 461 | Other- | Pavement | 858662.692 | 909467.321 | 14.65 |
| 462 | Other- | Pavement | 858665.843 | 909474.165 | 14.59 |
| 463 | Other- | Pavement | 858624.814 | 909516.646 | 14.31 |
| 464 | Other- | Pavement | 858617.606 | 909513.627 | 14.26 |
| 465 | Other- | Pavement | 858658.833 | 909593.962 | 14.80 |
| 466 | Other- | Pavement | 858654.618 | 909599.911 | 14.74 |
| 467 | Other- | Pavement | 858750.501 | 909576.138 | 14.93 |
| 468 | Other- | Pavement | 858751.520 | 909583.593 | 14.78 |
| 469 | Other- | Pavement | 858797.741 | 909499.798 | 15.17 |
| 470 | Other- | Pavement | 858804.342 | 909502.593 | 15.14 |
| 471 | Other- | Pavement | 858853.722 | 909421.457 | 16.44 |
| 472 | Other- | Pavement | 858857.683 | 909427.263 | 16.35 |



Addendum 3
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# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 473 | Other- | Pavement | 858950.954 | 909384.697 | 18.18 |
| 474 | Other- | Pavement | 858951.343 | 909391.528 | 18.18 |
| 475 | Other- | Pavement | 859033.768 | 909399.381 | 19.43 |
| 476 | Other- | Pavement | 859034.388 | 909407.033 | 19.40 |
| 477 | Other- | Pavement | 859081.812 | 909441.593 | 20.32 |
| 478 | Other- | Pavement | 859086.647 | 909436.204 | 20.32 |
| 479 | Other- | Pavement | 859153.191 | 908130.507 | 19.11 |
| 480 | Other- | Pavement | 859173.252 | 908135.638 | 19.57 |
| 481 | Other- | Pavement | 859173.149 | 908125.366 | 19.55 |
| 482 | Other- | Pavement | 859173.168 | 908055.415 | 19.60 |
| 483 | Other- | Pavement | 859153.819 | 908054.582 | 19.18 |
| 484 | Other- | Pavement | 859153.165 | 908031.313 | 19.45 |
| 485 | Other- | Pavement | 859093.444 | 908031.096 | 19.20 |
| 486 | Other- | Pavement | 859086.140 | 908050.389 | 18.66 |
| 487 | Other- | Pavement | 859064.463 | 908062.738 | 18.39 |
| 488 | Other- | Pavement | 859051.400 | 908048.596 | 18.68 |
| 489 | Other- | Pavement | 859047.017 | 907990.328 | 19.20 |
| 490 | Other- | Pavement | 859060.377 | 907989.494 | 18.89 |
| 491 | Other- | Pavement | 859071.872 | 907988.939 | 19.12 |
| 492 | Other- | Pavement | 858979.079 | 908050.333 | 19.38 |
| 493 | Other- | Pavement | 858978.989 | 908062.570 | 19.42 |
| 494 | Other- | Pavement | 858978.788 | 908075.009 | 19.46 |
| 495 | Other- | Pavement | 859048.640 | 908083.514 | 18.65 |
| 496 | Other- | Pavement | 859083.051 | 908075.326 | 18.47 |
| 497 | Other- | Pavement | 859122.987 | 908075.069 | 18.69 |
| 498 | Other- | Pavement | 859122.910 | 908115.295 | 18.69 |
| 499 | Other- | Pavement | 859122.617 | 908140.078 | 18.70 |
| 500 | Other- | Pavement | 859122.734 | 908180.446 | 18.73 |
| 501 | Other- | Pavement | 859154.748 | 908206.168 | 19.20 |
| 502 | Other- | Pavement | 859173.112 | 908205.491 | 19.54 |
| 503 | Other- | Pavement | 859152.971 | 908225.293 | 19.32 |
| 504 | Other- | Pavement | 859093.219 | 908225.174 | 19.22 |
| 505 | Other- | Pavement | 859085.292 | 908205.311 | 18.75 |
| 506 | Other- | Pavement | 859082.949 | 908180.508 | 18.47 |
| 507 | Other- | Pavement | 859088.354 | 908160.241 | 18.63 |
| 508 | Other- | Pavement | 859118.061 | 908159.737 | 18.76 |
| 509 | Other- | Pavement | 859118.008 | 908094.991 | 18.84 |
| 510 | Other- | Pavement | 859088.355 | 908094.314 | 18.69 |
| 511 | Other- | Pavement | 859051.893 | 908114.842 | 18.52 |
| 512 | Other- | Pavement | 859037.182 | 908095.509 | 19.41 |
| 513 | Other- | Pavement | 858967.400 | 908095.408 | 20.90 |
| 514 | Other- | Pavement | 858966.973 | 908115.669 | 20.54 |
| 515 | Other- | Pavement | 858943.783 | 908126.890 | 20.77 |
| 516 | Other- | Pavement | 858943.181 | 908101.440 | 20.89 |
| 517 | Other- | Pavement | 858908.427 | 908110.730 | 21.35 |
| 518 | Other- | Pavement | 858971.179 | 908143.905 | 20.42 |
| 519 | Other- | Pavement | 858990.876 | 908129.992 | 19.86 |
| 520 | Other- | Pavement | 858963.323 | 908159.976 | 20.80 |



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# As-Built Data

| | | | | | |
|---|---|---|---|---|---|
| 521 | Other- | Pavement | 859042.829 | 908159.943 | 18.70 |
| 522 | Other- | Pavement | 859048.367 | 908140.102 | 18.50 |
| 523 | Other- | Pavement | 859048.258 | 908180.490 | 18.74 |
| 524 | Other- | Pavement | 859065.831 | 908192.257 | 18.37 |
| 525 | Other- | Pavement | 859052.241 | 908206.249 | 18.71 |
| 526 | Other- | Pavement | 859046.555 | 908218.683 | 18.79 |
| 527 | Other- | Pavement | 859027.992 | 908225.184 | 19.88 |
| 528 | Other- | Pavement | 858957.891 | 908181.369 | 21.33 |
| 529 | Other- | Pavement | 858908.270 | 908205.031 | 23.00 |
| 530 | Other- | Pavement | 858926.851 | 908207.006 | 22.57 |
| 531 | Other- | Pavement | 858928.238 | 908225.171 | 22.85 |
| 532 | Other- | Pavement | 859066.141 | 908271.705 | 18.65 |
| 533 | Other- | Pavement | 859052.025 | 908269.910 | 18.83 |
| 534 | Other- | Pavement | 859080.729 | 908259.430 | 18.76 |
| 535 | Other- | Pavement | 859107.150 | 908271.578 | 18.70 |
| 536 | Other- | Pavement | 859014.754 | 908315.354 | 18.83 |
| 537 | Other- | Pavement | 858985.151 | 908285.830 | 18.60 |
| 538 | Other- | Pavement | 858949.054 | 908315.929 | 18.71 |
| 539 | Other- | Pavement | 859044.026 | 908315.857 | 18.51 |
| 540 | Other- | Pavement | 859064.161 | 908323.612 | 18.46 |
| 541 | Other- | Pavement | 859106.856 | 908310.783 | 18.71 |
| 542 | Other- | Pavement | 859116.666 | 908403.230 | 18.95 |
| 543 | Other- | Pavement | 859043.975 | 908378.882 | 18.49 |
| 544 | Other- | Pavement | 859058.950 | 908441.059 | 18.58 |
| 545 | Other- | Pavement | 859044.017 | 908465.744 | 18.55 |
| 546 | Other- | Pavement | 859018.925 | 908466.330 | 18.82 |
| 547 | Other- | Pavement | 859077.846 | 908468.759 | 18.93 |
| 548 | Other- | Pavement | 859116.565 | 908468.902 | 18.92 |
| 549 | Other- | Pavement | 859116.383 | 908505.751 | 19.42 |
| 550 | Other- | Pavement | 859049.894 | 908505.766 | 18.61 |
| 551 | Other- | Pavement | 858958.648 | 908466.285 | 18.80 |
| 552 | Other- | Pavement | 858930.810 | 908385.902 | 18.68 |



Addendum 3
9/23/2020

# ELECTRICAL LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| 1"C,2#12,1#12G<br>1"C,1-25/C TYPE 1 | INDICATES RACEWAY AND CIRCUIT CONDUCTORS. FIRST NUMBER IS RACEWAY SIZE. THE FOLLOWING NUMBERS ARE THE CONDUCTOR QUANTITIES, SIZES, AND TYPES. |
| (5) | MOTOR, SQUIRREL CAGE INDUCTION – HORSEPOWER INDICATED |
| | WALL MOUNTED LUMINAIRE – SEE SCHEDULE FOR TYPE |
| | AREA LIGHTING LUMINAIRE AND POLE – SEE AREA LIGHTING POLE DETAIL FOR TYPE |
| | SIGN UP–LIGHTING LUMINAIRE – SEE SIGN LIGHTING DETAIL FOR TYPE |
| | ROADWAY LIGHTING POLE |
| | PARKING LOT LIGHTING POLE |
| | PEDESTAIN LIGHTING POLE |
| | UPLIGHTING FIXTURE |
| | GROUND ROD – 5/8" x 20' COPPER CLAD UNLESS OTHERWISE NOTED |
| S | WALL SWITCH: 2– DOUBLE POLE, 3– THREE WAY, 4– FOUR WAY, WP–WEATHERPROOF, P– PILOT LIGHT, K– KEY OPERATED, D– DIMMER, CRE–CORROSION RESISTANT |
| $S_M$ | MANUAL MOTOR STARTER SWITCH, NEMA 4X UNLESS OTHERWISE NOTED. NUMBER OF POLES AS REQUIRED |
| (M) | UTILITY METER |
| | CONVENIENCE RECEPTACLE – DUPLEX UNLESS SPECIFIED OTHERWISE<br>WP–WEATHERPROOF, TL– TWIST LOCK, GFI–GROUND FAULT INTERRUPTER, C– CLOCK HANGER, CRE–CORROSION RESISTANT |
| (J) | JUNCTION BOX NEMA 12 ENCLOSURE UNLESS INDICATED OTHERWISE. 4X = NEMA 4X SS |
| [B2] | CONDUIT/CONDUCTOR – REFER TO CIRCUIT SCHEDULE |
| LPA–2 | HOME RUN – PANEL AND CIRCUIT NUMBER SHOWN |
| X | UNDERGROUND CONDUIT AND CONDUCTORS REFER TO KEYED NOTES. |
| —FPL— | 2–5"C (FPL SUPPLIES, CONTRACTOR INSTALLED) |
| —CATV— | 4"C (CONTRACTOR SUPPLIED & INSTALLED) |
| —TEL— | (2) 4"C (CONTRACTOR SUPPLIED & INSTALLED) (COORDINATE INSTALLATION INTO BUILDINGS WITH AT&T) |
| | CONDUIT, STUBBED AND CAPPED AS SHOWN |
| | GROUND WIRE, 4/0 UNLESS OTHERWISE NOTED |
| PB 4X | PUSH–BUTTON STATION, NEMA 12 ENCLOSURE UNLESS INDICATED OTHERWISE. 4X = NEMA 4X 316 STAINLESS STEEL ENCLOSURE. SEE CONTROL DIAGRAMS FOR TYPE PUSH BUTTON REQUIRED |
| 30 4X | NONFUSED DISCONNECT SWITCH, SIZE INDICATED, 3 POLE UNLESS INDICATED OTHERWISE, NEMA 12 ENCLOSURE, 4X = NEMA 4X 316 STAINLESS STEEL |
| F 40/60 4X | FUSED DISCONNECT SWITCH, SIZE INDICATED (60 = SWITCH RATING: 40 = FUSE RATING) 3 POLE UNLESS INDICATED OTHERWISE, NEMA 12 ENCLOSURE, 4X = NEMA 4X 316 STAINLESS STEEL |
| LC 30 4X | LIGHTING CONTACTOR, CURRENT RATING INDICATED, NEMA 12 ENCLOSURE UNLESS INDICATED OTHERWISE. SEE CONTROL DIAGRAM FOR NUMBER OF POLES. 4X = NEMA 4X 316 STAINLESS STEEL |
| 2 4X | MAGNETIC STARTER, NEMA SIZE INDICATED, NEMA 12 ENCLOSURE, UNLESS INDICATED OTHERWISE. SEE CONTROL DIAGRAM. 4X = NEMA 4X 316 STAINLESS STEEL |
| 2 4X | COMBINATION (FUSE OR CIRCUIT BREAKER AS INDICATED). MAGNETIC STARTER, NEMA SIZE INDICATED, NEMA 12 ENCLOSURE UNLESS INDICATED OTHERWISE. SEE CONTROL SCHEMATIC DIAGRAM. 4X = NEMA 4X 316 STAINLESS STEEL |
| | GROUND |
| 120V or Δ | TRANSFORMER, VOLTAGES, PHASE AND RATING INDICATED AS APPLICABLE<br>480–120/208V<br>15 KVA, 3ø |

LINE WEIGHT

NEW ——— EXISTING

| SYMBOL | DESCRIPTION |
|---|---|
| | PUSH–BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY OPEN |
| | PUSH–BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY CLOSED |
| | REMOTE DEVICE |
| H O A<br>1 X00<br>2 00X | SELECTOR SWITCH: MAINTAINED CONTACT WITH CONTACT POSITION INDICATED, CHART IDENTIFIES OPERATION |

| POSITION | | | |
|---|---|---|---|
| CKT. | HAND | OFF | AUTO |
| 1 | X | O | O |
| 2 | O | O | X |

X – CLOSED CONTACT
O – OPEN CONTACT

| | |
|---|---|
| (A) | INDICATING LIGHT – LETTER INDICATES COLOR<br>A – AMBER, B – BLUE, C – CLEAR, G – GREEN, R – RED, W – WHITE |
| (A) | PUSH TO TEST AND CONNECT INDICATING LIGHT |
| CRX | CONTACT – NORMALLY OPEN WITH COIL INDICATED |
| CRX | CONTACT – NORMALLY CLOSED WITH COIL INDICATED |
| | OVERLOAD RELAY HEATER |
| 1 | MAGNETIC STARTER WITH NEMA SIZE INDICATED |
| M | MOTOR CIRCUIT PROTECTOR, MAGNETIC, 3 POLE UNLESS INDICATED OTHERWISE. |
| 400 | CIRCUIT BREAKER, THERMAL MAGNETIC TRIP SHOWN, 3 POLE UNLESS INDICATED OTHERWISE. |
| 400 225 | FUSED SWITCH, SWITCH AND FUSE CURRENT RATING INDICATED, 3 POLE UNLESS INDICATED OTHERWISE. |
| 100 | SWITCH – CURRENT RATING INDICATED, 3 POLE UNLESS INDICATED OTHERWISE. |
| TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSION |
| | DEMOLITION TO BE REMOVED OR DELETED |
| | FUSE |
| (CRX) | CONTROL RELAY, X=SEQUENTIAL NUMBER |
| (LRX)(L) | LATCHING RELAY, X=SEQUENTIAL NUMBER<br>L – LATCH, U – UNLATCH |

## ABBREVIATIONS

| ABBREVIATIONS | DESCRIPTION |
|---|---|
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| ATS | AUTOMATIC TRANSFER SWITCH |
| BC | BYPASS CONTACTOR |
| C | CONDUIT, CONTACTOR |
| CB | CIRCUIT BREAKER |
| CKT | CIRCUIT |
| CPT | CONTROL POWER TRANSFORMER |
| CR | CONTROL RELAY |
| CT | CURRENT TRANSFORMER |
| DIV | DIVISION |
| ETM | ELAPSED TIME METER |
| EXST | EXISTING |
| F, FU | FUSE |
| FI | FLOW INDICATOR |
| FM | FLOW METER |
| FS | FLOAT SWITCH |
| FT | FLOW TRANSMITTER |
| FUT | FUTURE |
| FVNR | FULL VOLTAGE NON–REVERSING STARTER |
| G | GREEN, GROUND |
| GALV | GALVANIZED |
| GEN | GENERATOR |
| GFI | GROUND FAULT INTERRUPTER |
| GFR | GROUND FAULT RELAY |
| GND | GROUND |
| HH | HANDHOLE |
| HOA | HAND/OFF/AUTO |
| HOR | HAND/OFF/REMOTE |
| HVAC | HEATING, VENTILATING & AIR CONDITIONING |
| IC | INTERRUPTING CAPACITY |
| I & C | INSTRUMENTATION AND CONTROL |
| IP | INSTRUMENT PANEL (PANELBOARD) |
| J, J–BOX | JUNCTION BOX |
| LC | LIGHTING CONTACTOR |
| LP | LIGHTING PANEL (PANELBOARD) |
| LR | LOCAL/REMOTE |
| LS | LIMIT SWITCH |
| LTG | LIGHTING |
| M | MAGNETIC CONTACTOR COIL OR MOTOR |
| MCC | MOTOR CONTROL CENTER |
| MDP | MAIN DISTRIBUTION PANEL |
| MH | MOTOR HEATER, MANHOLE |
| MLO | MAIN LUGS ONLY |
| MPZ | MINI POWER ZONE |
| MTD | MOTOR TEMPERATURE DETECTOR |
| N | NEUTRAL |
| NC | NORMALLY CLOSED |
| NEMA | NATIONAL ELECTRIC MANUFACTURER'S ASSOCIATION |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| OL | OVERLOAD RELAY |
| PB | PULL BOX |
| PC | PHOTOCELL |
| PH | PHASE MONITOR |
| PM | POWER MONITOR |
| PNL | PANEL |
| PP | POWER PANEL (480VAC) |
| PS | PRESSURE SWITCH |
| PVC | POLYVINYL CHLORIDE CONDUIT |
| RTU | REMOTE TELEMETRY UNIT |
| RGS | RIGID GALVANIZED STEEL |
| SF | SUPPLY FAN |
| SH | SPACE HEATER |
| SSRVS | SOLID STATE REDUCED VOLTAGE STARTER |
| SST | STAINLESS STEEL |
| SV | SOLENOID VALVE |
| SW | SWITCH |
| T | THERMOSTAT |
| TB | TERMINAL BOARD |
| TDR | TIME DELAY RELAY |
| TJB | TERMINAL JUNCTION BOX |
| TS | THERMAL SWITCH |
| TSP | TWISTED SHIELDED PAIR |
| TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSION |
| TYP | TYPICAL |
| V | VOLTMETER, VOLT |
| VFD | VARIABLE FREQUENCY DRIVE |
| WP | WEATHERPROOF – NEMA 4X |
| XFMR | TRANSFORMER |

# GENERAL NOTES AND SPECIFICATIONS:

1. THE SCOPE OF WORK SHALL CONSIST PRIMARILY OF THE FOLLOWING:
   A. PROVIDE AND INSTALL SITE LIGHTING COMPLETE
   B. PROVIDE AND INSTALL SITE CONDUIT AND WIRING
   C. PROVIDE AND INSTALL SERVICE POINTS COMPLETE.
2. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR TO INSTALL THE ELECTRICAL SYSTEMS AS INDICATED ON THE DRAWINGS. ITEMS NOT SHOWN BUT OBVIOUSLY NECESSARY FOR COMPLETION OF THE WORK SHALL BE INCLUDED.
3. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2008 NATIONAL ELECTRICAL CODE, 2007 FLORIDA BUILDING CODE AND ALL LOCAL CODES.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS AND TO INCLUDE ALL FEES AS PART OF HIS BID IF NOT OTHERWISE NOTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ENGINEER AND OWNER.
5. THE CONTRACTOR SHALL, BEFORE SUBMITTING HIS BID, VISIT THE SITE OF THE PROJECT AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS. NO ALLOWANCE WILL BE MADE FOR EXISTING CONDITIONS OR FAILURE OF THE CONTRACTOR TO OBSERVE THEM.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH ALL LOCAL UTILITIES, INCLUDING THE POWER UTILITY TO MEET ALL OF THEIR INSTALLATION REQUIREMENTS. ALL FEES, LABOR, EQUIPMENT OR MATERIALS NECESSARY TO MEET THESE REQUIREMENTS IS TO BE INCLUDED IN THE BID. THE CONTRACTOR SHALL OBTAIN, DELIVER AND INSTALL ALL CONDUITS, PULL–BOXES AND EQUIPMENT AS REQUIRED BY THE UTILITIES TO THEIR SPECIFICATIONS.
   FPL REPRESENTATIVE: SUE PARK (561) 790–5018
   ATT REPRESENTATIVE: JOYCE HEWLETT (561) 357–6442
   CATV REPRESENTATIVE: KEVIN MEOLA (561) 8933
7. GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH NEC, ARTICLE 250. THE GROUNDING SYSTEM TEST SHALL NOT EXCEED A 48 HOUR SPAN DRY RESISTANCE OF 10 OHMS. ADDITIONAL GROUNDING TO MEET THIS REQUIREMENT SHALL BE INSTALLED AT NO EXTRA COST. GROUNDING AND BONDING CONNECTIONS SHALL NOT BE PAINTED. ALL GROUNDING CONNECTIONS SHALL BE EXOTHERMIC UNLESS SPECIFICALLY INDICATED OTHERWISE. AN EQUIPMENT GROUND WIRE SIZED PER NEC SHALL BE PULLED IN ALL ELECTRICAL CONDUITS, POWER AND CONTROL, WHETHER OR NOT INDICATED ON THE PLANS. GROUND SURROUNDING YARD FENCE AND ALL YARD LIGHTING FIXTURES WITH MINIMUM #4 STRANDED COPPER CONDUCTORS BELOW GRADE TO SITE GROUNDING GRID PER NFPA 54/70.
8. ALL EQUIPMENT AND MATERIAL SHALL BE UNUSED AND U.L. LISTED.
9. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL SYSTEMS INSTALLED OR MODIFIED UNDER THIS PROJECT AND REPAIR OR REPLACE ALL DEFECTIVE WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER.
10. ALL EQUIPMENT FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE.
11. COORDINATE ALL ELECTRICAL EQUIPMENT LOCATIONS AND VERIFY ALL OBSTRUCTIONS WITH ALL SUBCONTRACTORS AND EQUIPMENT SUPPLIERS PRIOR TO ANY INSTALLATION.
12. NOT ALL CONDUITS SHOWN ON RISER AND ONE–LINE DIAGRAMS ARE SHOWN ON BUILDING OR SITE LAYOUTS. CONTRACTOR SHALL SUPPLY ALL CONDUITS AND CABLES AS SHOWN ON RISER AND ONE–LINE DIAGRAMS. THE DRAWINGS ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUIT RUNS. THESE ARE TO BE COORDINATED WITH THE OTHER TRADES SO THAT CONFLICTS ARE AVOIDED PRIOR TO INSTALLATIONS. ALL LOCATIONS OF EQUIPMENT, PANELS ETC. ARE SHOWN FOR ILLUSTRATION PURPOSES. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE AND INSTALL AS SUCH WITH CORRESPONDING CONDUIT STUB–UPS. SEE OTHER DISCIPLINE DRAWINGS FOR COORDINATION OF ALL DRAWINGS. ANY CONFLICTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION AND MOVEMENT OF CONDUITS OR OTHER ELECTRICAL EQUIPMENT SHALL BE ACCOMPLISHED WITHOUT ANY ADDITIONAL COST FOR THE OWNER. DRAWINGS ARE SCHEMATIC AND SHOWN FOR CLARITY.
13. ALL REFERENCES TO A PARTICULAR MANUFACTURER ARE GIVEN ON AN "APPROVED EQUAL" BASIS.
14. ALL EXCAVATIONS FOR CONDUITS AND HANDHOLES, NEAR EXISTING CONDUIT AND EQUIPMENT SHALL BE HAND EXCAVATED.
15. MINIMUM DEPTH FROM TOP OF DUCTBANKS OR CONDUITS TO FINISHED GRADE SHALL BE 24" UNLESS OTHERWISE NOTED.
16. CONDUCTOR PULLING TENSIONS SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATION. CONTRACTOR SHALL INSTALL PULL BOXES TO MEET MANUFACTURER'S REQUIREMENTS.
17. PROVIDE CONDUIT DUCT SEAL AT ALL CONDUIT ENDS.
18. ALL CONDUCTORS SHALL BE COPPER THWN. NO ALUMINUM ALLOWED UNLESS SPECIFICALLY INDICATED ON DRAWINGS.
19. COLORED WARNING TAPE 6" WIDE SHALL BE INSTALLED 8" BELOW FINISHED GRADE DIRECTLY ABOVE ALL UNDERGROUND YARD CONDUITS ACCORDING TO THE FOLLOWING SCHEDULE:
    POWER: RED
    ALL OTHER CONDUITS: GREEN
20. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC. ABOVE GRADE CONDUITS SHALL BE SCHEDULE 80 PVC FOR SITE ELECTRIC. FOR BUILDING CONDUIT REFER TO BUILDING NOTES.
21. ELECTRICAL PULL BOXES SHALL BE SUPPLIED WITH PVC JUNCTION BOXES AND A QUAZITE TRAFFIC–RATED COVER MARKED "ELECTRICAL" OR "SIGNAL".
22. ALL SPARE CONDUITS SHALL BE CAPPED WITH A PVC CAP AND A NYLON PULL STRING INSTALLED WITH IDENTIFICATION ON BOTH ENDS.
23. ALL TVSS SHALL BE INTEGRAL TO THE NEW EQUIPMENT SHOWN AND SUPPLIED AS ONE UNIT AND ONE U.L. ENTITY
24. CONTRACTOR SHALL RESTORE SIDEWALKS, ROADWAYS, SOD AND SPRINKLER SYSTEM PIPING TO MATCH EXISTING, AFTER THE COMPLETION OF THE CONDUIT AND PULLBOX INSTALLATION.
25. BRANCH CIRCUITS EXCEEDING 100 FT IN LENGTH SHALL BE WIRED WITH MINIMUM #10 AWG WIRES.
26. ALL MATERIAL IN DESIGNATED CORROSIVE AREAS SHALL BE NEMA 4X STAINLESS STEEL OR NON–METALLIC.
27. ALL OUTDOOR LIGHTING FIXTURES SHALL BE OF COPPER FREE CONSTRUCTION.
28. ALL CONTROL PANELS SHALL BE CONSTRUCTED BY A UL 508A APPROVED PANEL VENDOR AND SHALL BEAR A UL 508A LABEL ON THE PANEL.
29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUIT AND WIRING INSTALLATION FOR ALL VENDOR PROVIDED EQUIPMENT (PACKAGE SYSTEMS). IF THE SHOP DRAWINGS DIFFER FROM THE DESIGNED FACILITIES, THE CONTRACTOR SHALL REDESIGN THE FACILITIES AND SUBMIT THE REVISED DESIGN FOR THE ENGINEER'S APPROVAL ALONG WITH THE SHOP DRAWINGS. THERE SHALL BE NO ADDITIONAL COST TO THE OWNER FOR THE REDESIGN NOR FOR ANY ADDITIONAL CONDUITS AND WIRING.
30. CONTRACTOR SHALL INCLUDE AS PART OF HIS BID 10% OF EACH TYPE OF SITE LIGHTING FIXTURES AND POLES. BID SHALL INCLUDE THE DELIVERY OF THE SPARE LIGHTING FIXTURES AND POLES TO THE CLIENTS STORAGE LOCATION AND ALSO INCLUDE OFF LOADING THEM.
31. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH FPL FOR ALL CONDUIT, PULL BOXES AND TRANSFORMER PADS. PROVIDE AND INSTALL FOR A COMPLETE WORKING SYSTEM TO MEET THEIR REQUIREMENTS AND INCLUDE IN HIS BID.
32. CONTRACTOR SHALL INSTALL FPL SUPPLIED (2)–5" CONDUIT SYSTEM AS SHOW ON THE PLANS. VERIFY EXACT CONDUIT INSTALLATION PRIOR TO BIDING.
33. CONTRACTOR SHALL PROVIDE AS–BUILT RECORD DRAWINGS TO THE OWNER AS PER FBC 13–413.1.ABC.2.17, WITHIN 30 DAYS AFTER SYSTEM ACCEPTANCE.
35. CONTRACTOR SHALL PROVIDE (3) THREE SETS OPERATING AND MAINTENANCE MANUALS FOR ALL EQUIPMENT OWNER AS PER FBC 13–413.1.ABC.2.2.
36. FEEDER CONDUCTORS ARE SIZED FOR MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD AS PER FBC 13–413.1.ABC.1.1.
37. BRANCH CIRCUIT CONDUCTORS ARE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD AS PER FBC 13–413.1.ABC.1.1.

ON CONTRACTOR SHALL PROVIDE ALL REQUIRED PULL BOXES, MANHOLES, CONDUIT, ETC. AS REQUIRED BY AT&T AND COMCAST. CONTRACTOR SHALL VERIFY THE QUANTITY AND SIZE OF CONDUITS, PULL BOXES, MANHOLES PRIOR TO BIDDING AND INCLUDE IN THE BID.

## ELECTRICAL SITE DRAWING INDEX


E0.01 SITE ELECTRICAL LEGEND
E1.00 ELECTRICAL – LIGHTING KEY PLAN
E1.01 ELECTRICAL PLAN
E1.02 ELECTRICAL PLAN
E1.03 ELECTRICAL PLAN
E1.04 ELECTRICAL PLAN
E1.05 ELECTRICAL PLAN
E1.06 ELECTRICAL PLAN
E1.07 ELECTRICAL PLAN
E1.08 ELECTRICAL PLAN
E1.09 PHOTOMETRIC PLAN
E2.01 PHOTOMETRIC PLAN
E2.02 PHOTOMETRIC PLAN
E2.03 PHOTOMETRIC PLAN
E2.04 PHOTOMETRIC PLAN
E2.05 PHOTOMETRIC PLAN
E2.06 PHOTOMETRIC PLAN
E2.07 PHOTOMETRIC PLAN
E2.08 PHOTOMETRIC PLAN
E2.09 PHOTOMETRIC PLAN
E3.00 ELECTRICAL – LIGHTING SERVICE POINT 'A'
E3.01 ELECTRICAL – LIGHTING SERVICE POINT 'B'
E3.02 ELECTRICAL – LIGHTING SERVICE POINT 'C'
E3.03 ELECTRICAL – LIGHTING SERVICE POINT 'D'
E3.04 ELECTRICAL – LIGHTING SERVICE POINT 'E'
E3.05 ELECTRICAL – LIGHTING SERVICE POINT DETAIL
E3.06 SITE LIGHTING POLE DETAILS


Addendum 3
9/23/2020

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01


SEC Smith Engineering Consultants, Inc.
State Auth. #8228
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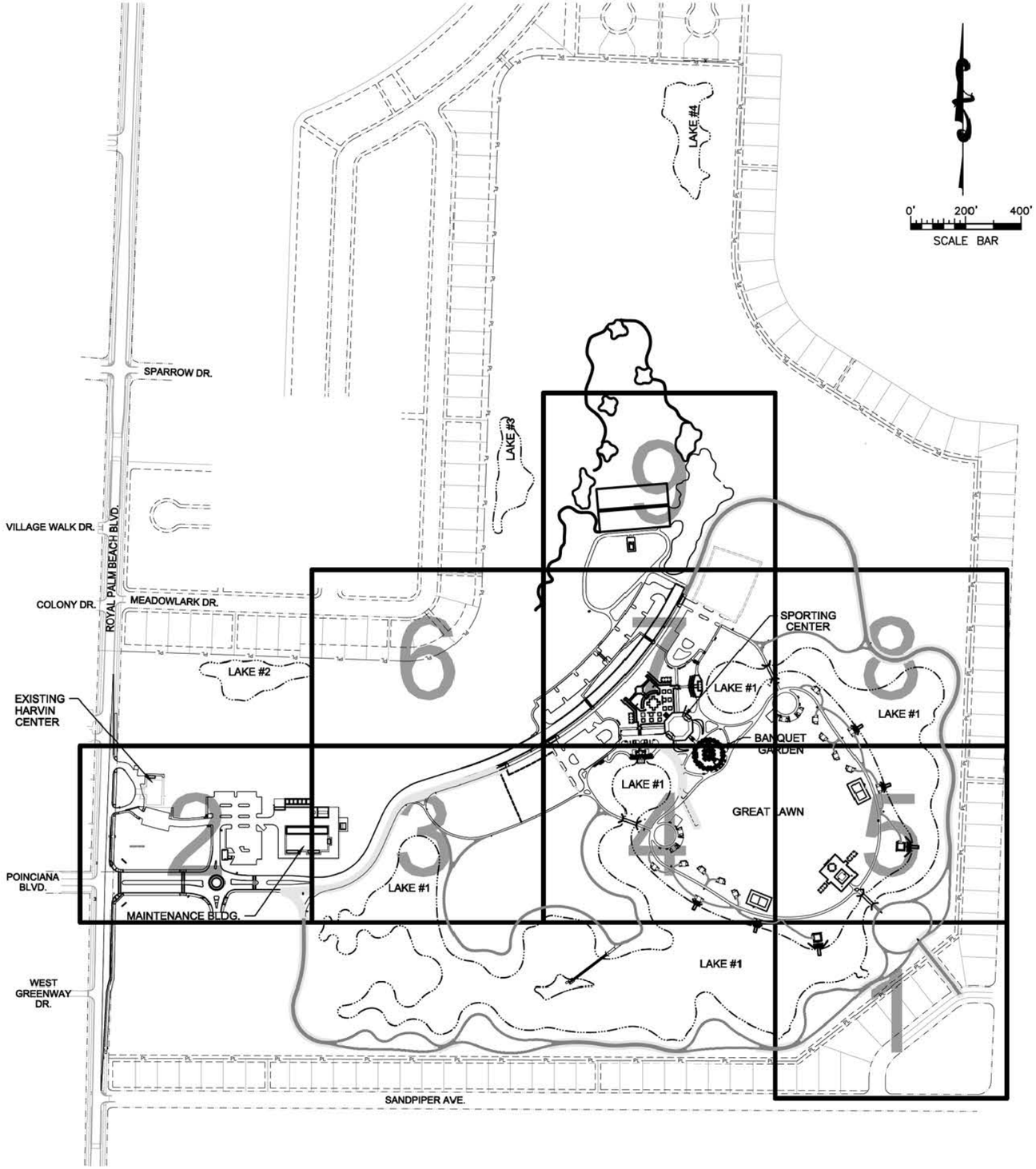
West Palm Beach, Fl 33409
(561) 616-3917 fax (561) 616-3912


ROYAL PALM BEACH COMMONS
SITE ELECTRICAL LEGEND

LARRY M. SMITH, P.E.
NO. 45097

EN–PR0701
Sheet Reference Number
E0.01
Sheet _ of _

Addendum 3
9/23/2020




# KEY PLAN

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

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ROYAL PALM BEACH COMMONS

ELETRICAL - LIGHTING KEY PLAN

LARRY M. SMITH, P.E. NO. 45997

EN-PR0701

Sheet Reference Number
E1.00

Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhaseII\3) Production Drawings\Electrical\ElectricalKey(10_0910).dwg

PLOT DATE: Jan 30 2013

MATCH LINE – SEE SHEET NO. E-1.06

Addendum 3
9/23/2020

0' 30' 60'
SCALE BAR

B2,4,15

B1,3,13

A2,4,18

A6,8,16

GRASS PARKING

12"x12" CURB

6.00' WIDE HIKE TRAIL

CAR WASH & GAS PUMPS

IRRIGATION PUMP STATION

MAINTENANCE BLDG.

FPL TRANSF. 120/208V,3ø,4W

FPL TRANSF. 277/480V,3ø,4W

12.00' WIDE SIDEWALK

LAKE #1

E.O.W.

ASPHALT

CONCRETE

FPL TRANSF. (FUTURE)

752 753 754 755 756 763 764 767 768 769 771 772 773 774 775 776 519 517 518 520 521 522 523 524 525 526 527 770 765 766

MATCH LINE – SEE SHEET NO. E1.02

MATCH LINE – SEE SHEET NO. E1.04

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

KEY PLAN

## NOTES

1. SEE DRAWING E1.01 FOR KEY NOTES.

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|


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ROYAL PALM BEACH COMMONS

ELECTRICAL PLAN

LARRY M. SMITH, P.E.
NO. 45997

EN-PR0701
Sheet Reference Number
E1.03
Sheet ___ of ___

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. E1.07

MATCH LINE – SEE SHEET NO. E1.03

MATCH LINE – SEE SHEET NO. E1.05

0' 30' 60'
SCALE BAR

GRASS PARKING

12"x12" HEADER CURB

LAKE #1

KAYAK LAUNCH

TO PNL. 'C'

BANQUET GARDEN

GREAT LAWN

12"x12" HEADER CURB
PLAY GROUND #2

PEDESTRIAN BRIDGE

PICNIC PAVILION (TYP.)

PANEL 'D'

8.00' WIDE GREAT LAWN SIDEWALK

BEACH VOLLEYBALL COURT

PICNIC PAVILION WITH DOCK

ASPHALT
CONCRETE

6.00' WIDE HIKE TRAIL

ROYAL PALM BEACH BLVD.
SANDPIPER AVE.
KEY PLAN

## NOTES

1. SEE DRAWING E1.01 FOR KEY NOTES.

The Village of ROYAL PALM BEACH Florida

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | RELOCATED LIGHTING PER SIDEWALK WIDENING | 3/23/12 | SHB |


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ROYAL PALM BEACH COMMONS

ELECTRICAL PLAN

LARRY M. SMITH, P.E.
NO. 45997

EN–PR0701
Sheet Reference Number
E1.04
Sheet ___ of ___

Addendum 3
9/23/2020

MATCH LINE – SEE SHEET NO. E1.09

MATCH LINE – SEE SHEET NO. 6

MATCH LINE – SEE SHEET NO. E1.08

MATCH LINE – SEE SHEET NO. E1.04

0' 30' 60'
SCALE BAR

1.0 ACRE MULTI–USE TOURNAMENT/ COMMON LAWN

GRASS PARKING

12"x12" HEADER CURB

SERVICE POINT 'B'

FPL TRANSF.

WEDDING PAVILION

LAKE #1

BAND STAND

INTERACTIVE FOUNTAIN

SERVICE POINT 'C'

LOADING ZONE

SPORTING CENTER
GRND. FLOOR ELEV. = 19.0
2ND FLOOR ELEV. = 30.67

GRND. FLOOR AREA = 4294 SF
TOTAL FLOOR AREA = 9656 SF
(17,809 SF INCLUDING DECKS)
HEIGHT = 48.04' (AT REAR)
= 36.37' (AT FRONT)

BANQUET GARDEN

12.00' SIDEWALK

5.33' WIDE SIDEWALK

6.00' WIDE HIKE TRAIL

8.00' WIDE GREAT LAWN SIDEWALK

ASPHALT

CONCRETE

TERRACE SIDEWALK

KEY PLAN

ROYAL PALM BEACH BLVD.

SANDPIPER AVE.

## NOTES

1. SEE DRAWING E1.01 FOR KEY NOTES.

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|


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ROYAL PALM BEACH COMMONS

ELECTRICAL PLAN

LARRY M. SMITH, P.E.
NO. 45997

EN–PR0701

Sheet Reference Number
E1.07

Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhase II\3) Production Drawings\Electrical\Electrical(10_0910).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020

0' 30' 60'
SCALE BAR

12.00' WIDE
HIKE/BIKE TRAIL

6.00' WIDE
HIKE TRAIL

MATCH LINE – SEE SHEET NO. E1.07

701 700 834 699 835 698 831 836 833 832

E2,4 E1,22 C7,9,11 PANEL 'E' E1,3 E1

PLAY GROUND #1

12"x12" HEADER CURB

PICNIC PAVILION (TYP.)

PICNIC PAVILION WITH DOCK

8.00' WIDE GREAT LAWN SIDEWALK

LAKE #1

12.00' WIDE
HIKE/BIKE TRAIL

12.00' WIDE
HIKE/BIKE TRAIL

MATCH LINE – SEE SHEET NO. E1.05

1720.28'

57 56 55 54 53 52 51

12' DRAINAGE EASEMENT PER PB.29, PG. 192

12' DRAINAGE & UTILITY EASEMENT PER O.R.B. 2693 PG. 1989

ROYAL PALM BEACH BLVD.
SANDPIPER AVE.
KEY PLAN

## NOTES

1. SEE DRAWING E0.01 FOR KEY NOTES.

The Village of ROYAL PALM BEACH Florida

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|


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ROYAL PALM BEACH COMMONS

ELECTRICAL PLAN

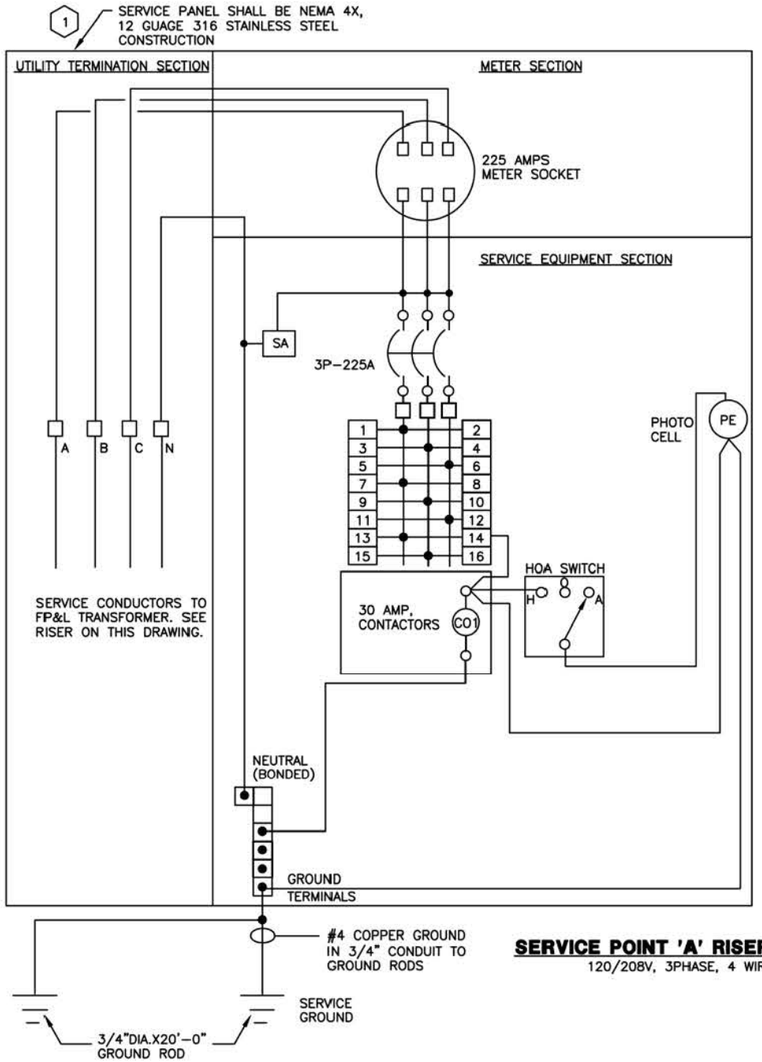
LARRY M. SMITH, P.E.
NO. 45997

EN-PR0701
Sheet Reference Number
E1.08
Sheet ___ of ___

File Name: C:\Civil 3D Projects\PR0701_RoyalPalmBeachCommonsPhasell\3) Production Drawings\Electrical\Electrical(10_0910).dwg

PLOT DATE: Jan 30 2013

Addendum 3
9/23/2020



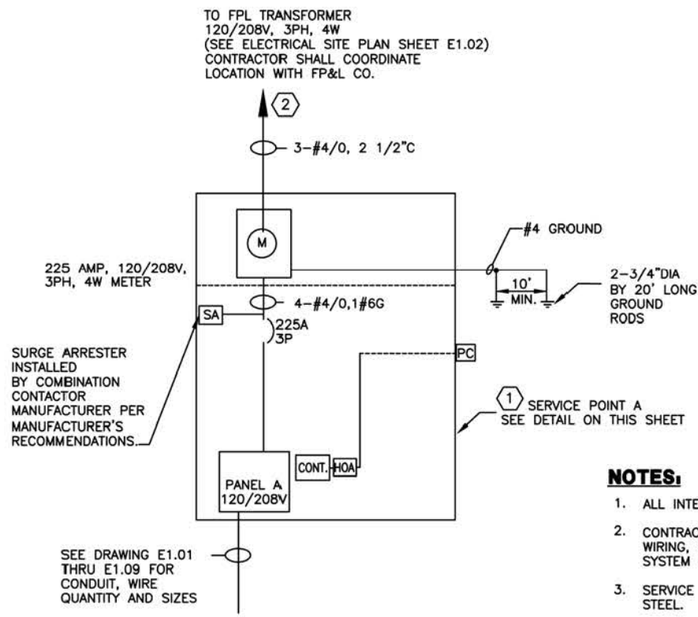

**SERVICE POINT 'A' RISER DIAGRAM**
120/208V, 3PHASE, 4 WIRE

## LOAD CENTER A SCHEDULE

| BUS AMPS A | BUS AMPS B | BUS AMPS C | LOAD | POLES | AMPS | BUS A B | AMPS | POLES | LOAD | BUS AMPS A | BUS AMPS B | BUS AMPS C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.5 | | | LIGHTING CIRCUIT #1 | 2 | 30 | 1 2 | 30 | 2 | LIGHTING CIRCUIT #4 | 16.0 | | |
| | 20.5 | | ⊥ | ⊥ | ⊥ | 3 4 | ⊥ | ⊥ | ⊥ | | 16.0 | |
| | | 22.0 | LIGHTING CIRCUIT #2 | 2 | 30 | 5 6 | 30 | 2 | LIGHTING CIRCUIT #5 | | | 16.0 |
| 22.0 | | | ⊥ | ⊥ | ⊥ | 7 8 | ⊥ | ⊥ | ⊥ | 16.0 | | |
| | 17.1 | | LIGHTING CIRCUIT #3 | 2 | 30 | 9 10 | 30 | 2 | LIGHTING CIRCUIT #6 | | 17.1 | |
| | | 17.1 | ⊥ | ⊥ | ⊥ | 11 12 | ⊥ | ⊥ | ⊥ | | | 17.1 |
| 10.0 | | | TREE UP LIGHTING #8 | 2 | 25 | 13 14 | 20 | 1 | PHOTO CELL/CONTACTOR | 2.0 | | |
| | 10.0 | | ⊥ | ⊥ | ⊥ | 15 16 | 20 | 1 | GFCI POLE RECEPTACLES | | 10.5 | |
| | | 4.5 | GFCI POLE RECEPTACLES | 1 | 20 | 17 18 | 20 | 1 | GFCI POLE RECEPTACLES | | | 9.0 |
| 4.5 | | | GFCI POLE RECEPTACLES | 1 | 20 | 19 20 | 25 | 2 | TREE UP LIGHTING #9 | 8.0 | | |
| | 17.5 | | LIGHTING CIRCUIT #7 | 2 | 30 | 21 22 | ⊥ | ⊥ | ⊥ | | 8.0 | |
| | | 17.5 | ⊥ | ⊥ | ⊥ | 23 24 | 25 | 2 | TREE UP LIGHTING #10 | | | 8.0 |
| | | | SPARE | 2 | 30 | 25 26 | ⊥ | ⊥ | ⊥ | 8.0 | | |
| | | | ⊥ | ⊥ | ⊥ | 27 28 | | | SPACE | | | |
| | | | SPARE | 1 | 20 | 29 30 | | | SPACE | | | |
| | | | SPARE | 1 | 20 | 31 32 | | | SPACE | | | |
| | | | SPARE | 1 | 20 | 33 34 | | | SPACE | | | |
| | | | SPARE | 1 | 20 | 35 36 | | | SPACE | | | |

TOTAL AMPS: BUS A 107 BUS B 116.7 BUS C 111.2 CONNECTED Kva 40.2

| | | | |
|---|---|---|---|
| RATED VOLTAGE: ■ 120/208 ☐ 3 PHASE, 4 WIRE | | BRANCH POLES ☐ 16 ☐ 20 ■ 36 ☐ 42 | |
| RATED AMPS: ☐ 200 ■ 225 ☐ 400 ☐ _____ | CABINET: ■ SURFACE ☐ FLUSH | | |
| NEUTRAL BUS ■ 100% ☐ 150% ☐ 200% | ■ GROUND BUS | ■ HINGED DOOR | ■ KEYED DOOR LATCH |
| LOCATION: _____ | | | |
| ■ CIRCUIT BREAKER (BOLT-IN) BRANCH DEVICES | ■ TVSS | ENCLOSURE TYPE ■ NEMA 1 ☐ NEMA 3R ☐ NEMA 4X ☐ _____ | |
| ■ MAIN LUGS ONLY | MAIN ___ AMPS ☐ BREAKER | ☐ _____ TO BE GFI BREAKERS | |
| PANELBOARD MUST BE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 24,000 AMPS SYMMETRICAL. | | | |
| APPROVED MF'RS. SQUARE D, GE, CUTLER-HAMMER, | COPPER BUSSES | MAIN LUGS _____ SETS SIZE: _____ | |



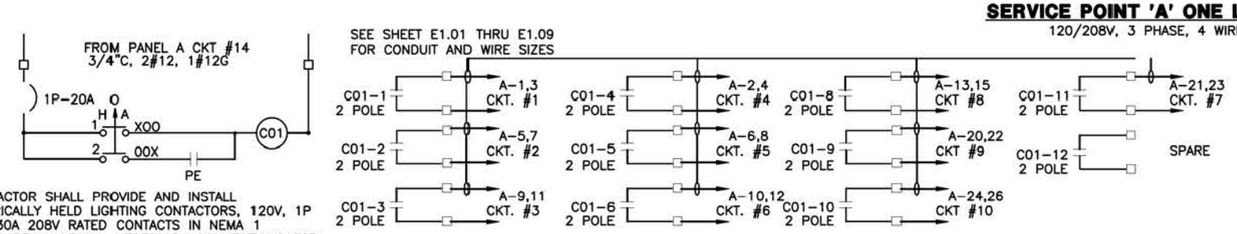

**SERVICE POINT 'A' ONE LINE DIAGRAM**
120/208V, 3 PHASE, 4 WIRE

## KEYED NOTES:

1. PROVIDE AND INSTALL 120/208V, 3 PHASE, 4W, 225 AMP SERVICE PANEL COMPLETE AS PER DETAIL ON SHEET E3.05. CONTRACTOR SHALL COORDINATE THE FP&L SERVICE BEFORE BIDDING WITH FP&L CO. AND SHALL BE RESPONSIBLE FOR ALL EXPENSES FOR A COMPLETE INSTALLATION IN PLACE. SERVICE PANEL SHALL BE TESCO, CAT. #27-000 OR APPROVED EQUAL. SERVICE PANEL SHALL INCLUDE FP&L METER, 225 AMP 120/208V, 3ø PANEL, CIRCUIT BREAKERS AS PER PANEL SCHEDULE, PHOTO CELL, CONTACTORS, SERVICE ENTRANCE MAIN BREAKER, SURGE ARRESTOR, MISCELLANEOUS CONTROL AND ALL WIRING AND CONDUIT FOR A COMPLETE WORKING SYSTEM IN PLACE.
2. CONTRACTOR SHALL VERIFY WITH FP&L EXACT LOCATION OF SERVICE POINT AND ADJUST THE SERVICE CONDUIT ROUTING ACCORDINGLY AT NO EXTRA COST TO THE OWNER. CONTRACTOR SHALL STUB-INTO TRANSFORMER, THE CONDUIT AND WIRING AS REQUIRED BY FP&L FOR SERVICE POINT.

## NOTES:

1. ALL INTERIOR WIRING SHALL BE SIZE AS PER NEC CODE.
2. CONTRACTOR SHALL PROVIDE ALL CIRCUIT BREAKERS, INTERIOR WIRING, GROUNDING RODS, ETC. FOR A COMPLETE WORKING SYSTEM IN PLACE.
3. SERVICE POINT CABINET SHALL BE NEMA 4X, 316 STAINLESS STEEL.
4. SERVICE POINT CABINET SHALL BE BUILT BY AN APPROVED UL SHOP AND CARRY A UL LABEL ON THE PANEL AND EQUIPMENT.




CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRICALLY HELD LIGHTING CONTACTORS, 120V, 1P COIL, 30A 208V RATED CONTACTS IN NEMA 1 ENCLOSURE. MAKE ALL NECESSARY CONNECTIONS FOR A COMPLETE WORKING SYSTEM IN PLACE.

**ROADWAY LIGHTING CONTROL SCHEMATIC**
SCALE: NONE

## SERVICE POINT 'A' DATA

| DESCRIPTION | TOTAL AMPS | TOTAL KVA |
|---|---|---|
| LIGHTING LOAD | 111.6 | 40.2 |
| | | |

SERVICE CALCULATION
(111.6.3A X 1.25) = 139.5A
225A MAIN BREAKER

The Village of ROYAL PALM BEACH Incorporated

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01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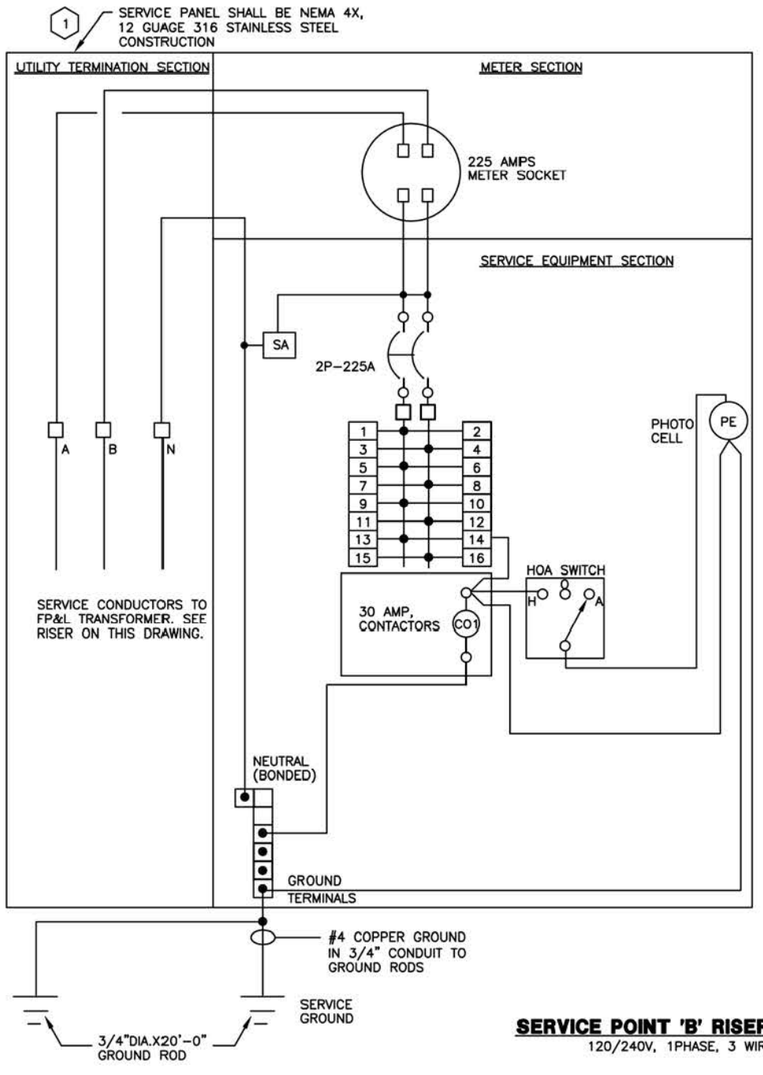
ROYAL PALM BEACH COMMONS

ELECTRICAL - LIGHTING SERVICE POINT 'A'

LARRY M. SMITH, P.E. NO. 45997

EN-PR0701
Sheet Reference Number
E3.00
Sheet ___ of ___

Addendum 3
9/23/2020




## SERVICE POINT 'B' RISER DIAGRAM

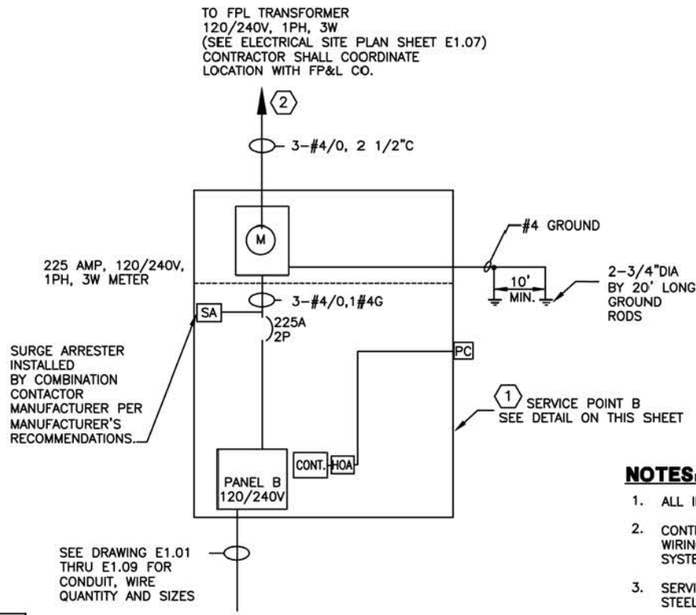
120/240V, 1PHASE, 3 WIRE

## LOAD CENTER B SCHEDULE

| BUS AMPS A | BUS AMPS B | LOAD | POLES | AMPS | BUS A B | AMPS | POLES | LOAD | BUS AMPS A | BUS AMPS B |
|---|---|---|---|---|---|---|---|---|---|---|
| 18.0 | | LIGHTING CIRCUIT #11 | 2 | 30 | 1 — 2 | 30 | 2 | LIGHTING CIRCUIT #15 | 17.1 | |
| | 18.0 | ⊥ | ⊥ | ⊥ | 3 — 4 | ⊥ | ⊥ | ⊥ | | 17.1 |
| 17.1 | | LIGHTING CIRCUIT #12 | 2 | 30 | 5 — 6 | 30 | 2 | LIGHTING CIRCUIT #16 | 16.2 | |
| | 17.1 | ⊥ | ⊥ | ⊥ | 7 — 8 | ⊥ | ⊥ | ⊥ | | 16.2 |
| 16.2 | | LIGHTING CIRCUIT #13 | 2 | 30 | 9 — 10 | 30 | 2 | SPARE | | |
| | 16.2 | ⊥ | ⊥ | ⊥ | 11 — 12 | ⊥ | ⊥ | ⊥ | | |
| 6.0 | | GFCI POLE RECEPTACLES | 1 | 20 | 13 — 14 | 20 | 1 | PHOTO CELL/CONTACTOR | 2.0 | |
| | 6.0 | GFCI POLE RECEPTACLES | 1 | 20 | 15 — 16 | 20 | 1 | GFCI OUTDOOR RECEPTACLES | | 7.5 |
| 15.0 | | LIGHTING CIRCUIT #14 | 2 | 30 | 17 — 18 | 20 | 1 | GFCI OUTDOOR RECEPTACLES | 7.5 | |
| | 15.0 | ⊥ | ⊥ | ⊥ | 19 — 20 | 20 | 1 | GFCI OUTDOOR RECEPTACLES | | 7.5 |
| | | SPARE | 1 | 20 | 21 — 22 | 20 | 1 | GFCI OUTDOOR RECEPTACLES | 7.5 | |
| | | SPACE | | | 23 — 24 | | | SPACE | | |
| | | SPACE | | | 25 — 26 | | | SPACE | | |
| | | SPACE | | | 27 — 28 | | | SPACE | | |
| | | SPACE | | | 28 — 30 | | | SPACE | | |

TOTAL AMPS: BUS A 124.6 BUS B 120.6 CONNECTED Kva 29.4

| | | |
|---|---|---|
| RATED VOLTAGE: ■ 120/240 ☐ 1 PHASE, 3 WIRE | BRANCH POLES ☐ 16 ☐ 20 ■ 30 ☐ 42 | |
| RATED AMPS: ☐ 200 ■ 225 ☐ 400 ☐ ____ | CABINET: ■ SURFACE ☐ FLUSH | |
| NEUTRAL BUS ■ 100% ☐ 150% ☐ 200% | ■ GROUND BUS | ■ HINGED DOOR ■ KEYED DOOR LATCH LOCATION: ____ |
| ■ CIRCUIT BREAKER (BOLT-IN) BRANCH DEVICES | ■ TVSS | ENCLOSURE TYPE ■ NEMA 1 ☐ NEMA 3R ☐ NEMA 4X ☐ ____ |
| ■ MAIN LUGS ONLY | MAIN ___ AMPS ☐ BREAKER | ☐ ____ TO BE GFI BREAKERS |
| PANELBOARD MUST BE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 24 ,000 AMPS SYMMETRICAL. | | |
| APPROVED MF'RS. SQUARE D, GE, CUTLER-HAMMER, | COPPER BUSSES | MAIN LUGS ____ SETS SIZE: ____ |




## SERVICE POINT 'B' ONE LINE DIAGRAM

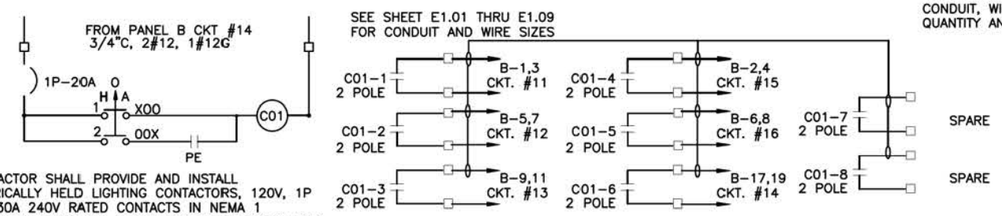
120/240V, 1 PHASE, 3 WIRE

## KEYED NOTES :

1. PROVIDE AND INSTALL 120/240V, 1 PHASE, 3W, 225 AMP SERVICE PANEL COMPLETE AS PER DETAIL ON SHEET E3.05. CONTRACTOR SHALL COORDINATE THE FP&L SERVICE BEFORE BIDDING WITH FP&L CO. AND SHALL BE RESPONSIBLE FOR ALL EXPENSES FOR A COMPLETE INSTALLATION IN PLACE. SERVICE PANEL SHALL BE TESCO, CAT. #27-000 OR APPROVED EQUAL. SERVICE PANEL SHALL INCLUDE FP&L METER, 225 AMP 120/240V, 1ø PANEL, CIRCUIT BREAKERS AS PER PANEL SCHEDULE, PHOTO CELL, CONTACTORS, SERVICE ENTRANCE MAIN BREAKER, SURGE ARRESTOR, MISCELLANEOUS CONTROL AND ALL WIRING AND CONDUIT FOR A COMPLETE WORKING SYSTEM IN PLACE.
2. CONTRACTOR SHALL VERIFY WITH FP&L EXACT LOCATION OF SERVICE POINT AND ADJUST THE SERVICE CONDUIT ROUTING ACCORDINGLY AT NO EXTRA COST TO THE OWNER. CONTRACTOR SHALL STUB-INTO TRANSFORMER, THE CONDUIT AND WIRING AS REQUIRED BY FP&L FOR SERVICE POINT.

## NOTES:

1. ALL INTERIOR WIRING SHALL BE SIZE AS PER NEC CODE.
2. CONTRACTOR SHALL PROVIDE ALL CIRCUIT BREAKERS, INTERIOR WIRING, GROUNDING RODS, ETC. FOR A COMPLETE WORKING SYSTEM IN PLACE.
3. SERVICE POINT CABINET SHALL BE NEMA 4X, 316 STAINLESS STEEL.
4. SERVICE POINT CABINET SHALL BE BUILT BY AN APPROVED UL SHOP AND CARRY A UL LABEL ON THE PANEL AND EQUIPMENT.




CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRICALLY HELD LIGHTING CONTACTORS, 120V, 1P COIL, 30A 240V RATED CONTACTS IN NEMA 1 ENCLOSURE. MAKE ALL NECESSARY CONNECTIONS FOR A COMPLETE WORKING SYSTEM IN PLACE.

## ROADWAY LIGHTING CONTROL SCHEMATIC

SCALE: NONE

## SERVICE POINT 'B' DATA

| DESCRIPTION | TOTAL AMPS | TOTAL KVA |
|---|---|---|
| LIGHTING LOAD | 122.6 | 29.4 |
| | | |

SERVICE CALCULATION
(122.6A X 1.25) = 153.3A
225A MAIN BREAKER

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01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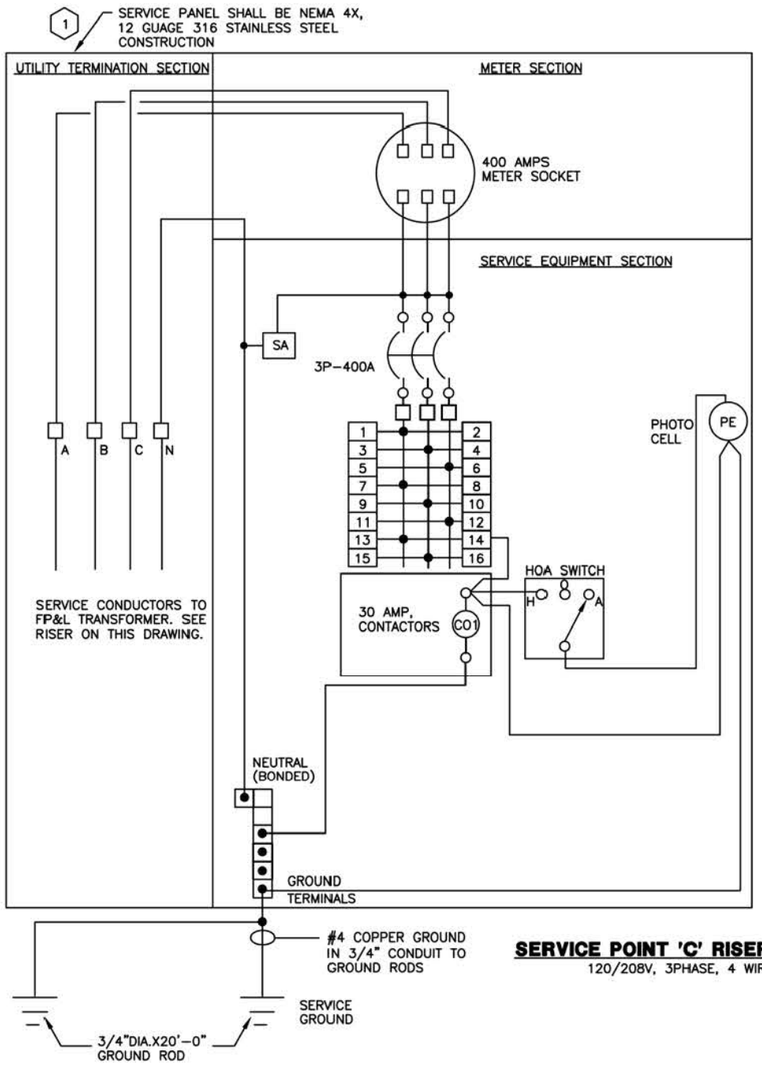
ROYAL PALM BEACH COMMONS

ELECTRICAL - LIGHTING SERVICE POINT 'B'

LARRY M. SMITH, P.E. NO. 45997

EN-PR0701
Sheet Reference Number
E3.01
Sheet ___ of ___

Addendum 3
9/23/2020




**SERVICE POINT 'C' RISER DIAGRAM**
120/208V, 3PHASE, 4 WIRE

## LOAD CENTER C SCHEDULE

| BUS AMPS A | BUS AMPS B | BUS AMPS C | LOAD | POLES | AMPS | BUS A | BUS B | AMPS | POLES | LOAD | BUS AMPS A | BUS AMPS B | BUS AMPS C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65.1 | | | PANEL 'D' | 3 | 125 | 1 | 2 | 30 | 2 | LIGHTING CIRCUIT #4 | 18.0 | | |
| | 69.6 | | | | | 3 | 4 | | | | | 18.0 | |
| | | 61.2 | | | | 5 | 6 | 30 | 2 | LIGHTING CIRCUIT #5 | | | 17.1 |
| 61.1 | | | PANEL 'E' | 3 | 125 | 7 | 8 | | | | 17.1 | | |
| | 78.6 | | | | | 9 | 10 | 30 | 2 | LIGHTING CIRCUIT #6 | | 17.1 | |
| | | 70.2 | | | | 11 | 12 | | | | | | 17.1 |
| 10.0 | | | TREE UP LIGHTING | 2 | 20 | 13 | 14 | 20 | 1 | PHOTO CELL/CONTACTOR | 2.0 | | |
| | 10.0 | | | | | 15 | 16 | 20 | 1 | GFCI RECEPTACLES | | 10.5 | |
| | | 4.5 | GFCI RECEPTACLES | 1 | 20 | 17 | 18 | 20 | 1 | GFCI RECEPTACLES | | | 9.0 |
| 4.5 | | | GFCI RECEPTACLES | 1 | 20 | 19 | 20 | 80 | 3 | RESTROOM (ADD ALTERNATE) | | | |
| | 13.5 | | SITE LIGHTING | 2 | 30 | 21 | 22 | | | | | | |
| | | 13.5 | | | | 23 | 24 | | | | | | |
| 15.5 | | | SITE LIGHTING | 2 | 30 | 25 | 26 | 20 | 1 | GFCI RECEPTALCES | | | |
| | 15.5 | | | | | 27 | 28 | 20 | 1 | GFCI RECEPTALCES | | | |
| | | 8.0 | SITE LIGHTING | 2 | 30 | 27 | 28 | | | SPACE | | | |
| 8.0 | | | | | | 29 | 30 | | | SPACE | | | |
| | | | SPARE | 1 | 20 | 31 | 32 | | | SPACE | | | |
| | | | SPARE | 1 | 20 | 33 | 34 | | | SPACE | | | |
| | | | SPACE | | | 35 | 36 | | | SPACE | | | |
| | | | SPACE | | | 37 | 38 | | | SPACE | | | |
| | | | SPACE | | | 39 | 38 | | | SPACE | | | |

TOTAL AMPS: BUS A 201.3 BUS B 232.8 BUS C 200.6 CONNECTED Kva 76.2

| | | | |
|---|---|---|---|
| RATED VOLTAGE: ■ 120/208 ☐ 3 PHASE, 4 WIRE | | BRANCH POLES ☐ 16 ☐ 20 ■ 38 ☐ 42 | |
| RATED AMPS: ☐ 250 ■ 400 ☐ ☐ _____ | CABINET: ■ SURFACE ☐ FLUSH | | |
| NEUTRAL BUS ■ 100% ☐ 150% ☐ 200% | ■ GROUND BUS | ■ HINGED DOOR ■ KEYED DOOR LATCH | LOCATION: _____ |
| ■ CIRCUIT BREAKER (BOLT-IN) BRANCH DEVICES | ■ TVSS | ENCLOSURE TYPE ■ NEMA 1 ☐ NEMA 3R ☐ NEMA 4X ☐ _____ | |
| ■ MAIN LUGS ONLY | MAIN ___ AMPS ☐ BREAKER | ☐ _____ TO BE GFI BREAKERS | |
| PANELBOARD MUST BE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 24,000 AMPS SYMMETRICAL. | | | |
| APPROVED MF'RS. SQUARE D, GE, CUTLER-HAMMER, | | COPPER BUSSES | MAIN LUGS _____ SETS SIZE: _____ |



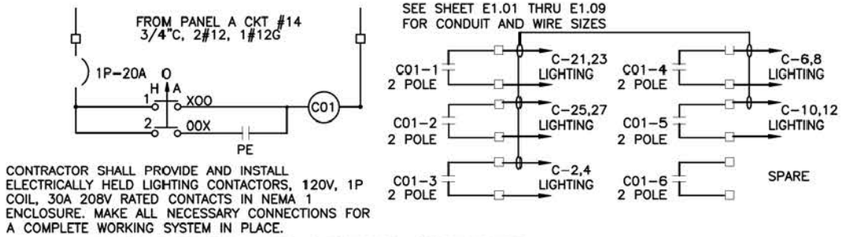

**SERVICE POINT 'C' ONE LINE DIAGRAM**
120/208V, 3 PHASE, 4 WIRE

## KEYED NOTES:

1. PROVIDE AND INSTALL 120/208V, 3 PHASE, 4W, 400 AMP SERVICE PANEL COMPLETE AS PER DETAIL ON SHEET E3.05. CONTRACTOR SHALL COORDINATE THE FP&L SERVICE BEFORE BIDDING WITH FP&L CO. AND SHALL BE RESPONSIBLE FOR ALL EXPENSES FOR A COMPLETE INSTALLATION IN PLACE. SERVICE PANEL SHALL BE TESCO, CAT. #27-000 OR APPROVED EQUAL. SERVICE PANEL SHALL INCLUDE FP&L METER, 400 AMP 120/208V, 3ø PANEL, CIRCUIT BREAKERS AS PER PANEL SCHEDULE, PHOTO CELL, CONTACTORS, SERVICE ENTRANCE MAIN BREAKER, SURGE ARRESTOR, MISCELLANEOUS CONTROL AND ALL WIRING AND CONDUIT FOR A COMPLETE WORKING SYSTEM IN PLACE.
2. CONTRACTOR SHALL VERIFY WITH FP&L EXACT LOCATION OF SERVICE POINT AND ADJUST THE SERVICE CONDUIT ROUTING ACCORDINGLY AT NO EXTRA COST TO THE OWNER. CONTRACTOR SHALL STUB-INTO TRANSFORMER, THE CONDUIT AND WIRING AS REQUIRED BY FP&L FOR SERVICE POINT.

## NOTES:

1. ALL INTERIOR WIRING SHALL BE SIZE AS PER NEC CODE.
2. CONTRACTOR SHALL PROVIDE ALL CIRCUIT BREAKERS, INTERIOR WIRING, GROUNDING RODS, ETC. FOR A COMPLETE WORKING SYSTEM IN PLACE.
3. SERVICE POINT CABINET SHALL BE NEMA 4X, 316 STAINLESS STEEL.
4. SERVICE POINT CABINET SHALL BE BUILT BY AN APPROVED UL SHOP AND CARRY A UL LABEL ON THE PANEL AND EQUIPMENT.




CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRICALLY HELD LIGHTING CONTACTORS, 120V, 1P COIL, 30A 208V RATED CONTACTS IN NEMA 1 ENCLOSURE. MAKE ALL NECESSARY CONNECTIONS FOR A COMPLETE WORKING SYSTEM IN PLACE.

**ROADWAY LIGHTING CONTROL SCHEMATIC**
SCALE: NONE

## SERVICE POINT 'C' DATA

| DESCRIPTION | TOTAL AMPS | TOTAL KVA |
|---|---|---|
| LIGHTING LOAD | 206.2 | 74.2 |
| | | |

SERVICE CALCULATION
(206.2A X 1.25) = 257.8A
400A MAIN BREAKER

The Village of ROYAL PALM BEACH FLORIDA

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01


SEC Smith Engineering Consultants, Inc.
State Auth. #8228
2161 Palm Beach Lakes Blvd., Suite 312
West Palm Beach, Fl 33409
(561) 616-3911 fax (561) 616-3912

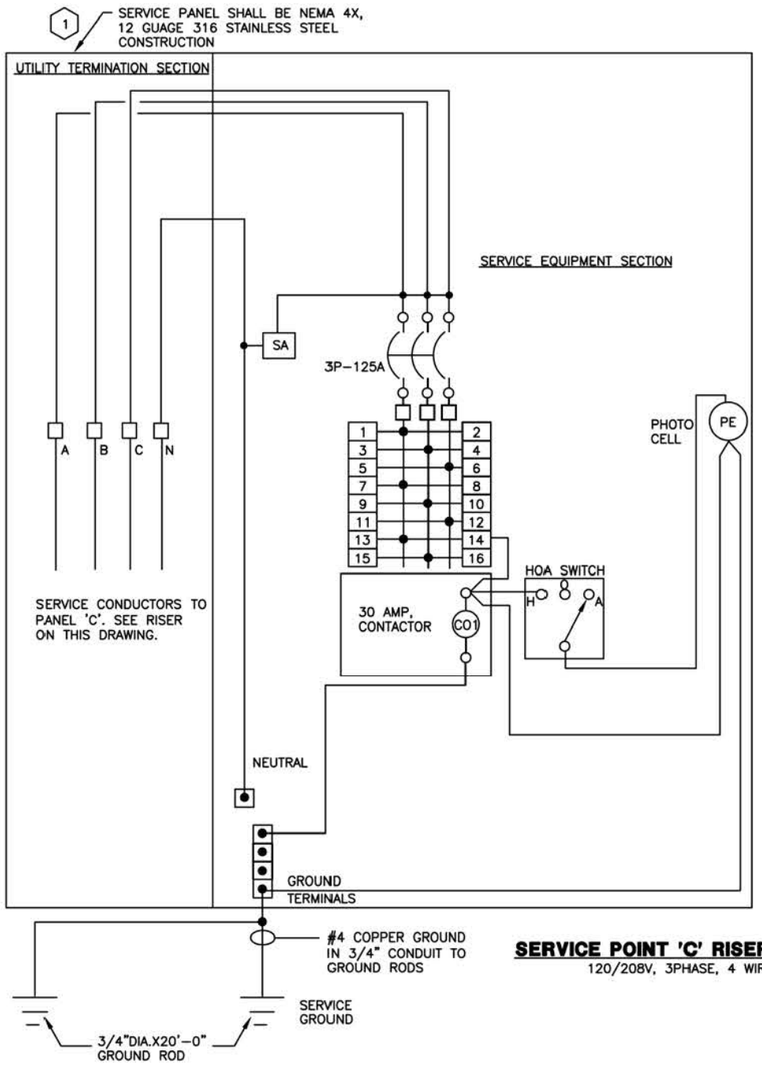

ROYAL PALM BEACH COMMONS

ELECTRICAL - LIGHTING SERVICE POINT 'C'

LARRY M. SMITH, P.E. NO. 45997

EN-PR0701
Sheet Reference Number
E3.02
Sheet ___ of ___

Addendum 3
9/23/2020




## SERVICE POINT 'C' RISER DIAGRAM

120/208V, 3PHASE, 4 WIRE

## LOAD CENTER D SCHEDULE

| BUS AMPS A | BUS AMPS B | BUS AMPS C | LOAD | POLES | AMPS | BUS A B C | AMPS | POLES | LOAD | BUS AMPS A | BUS AMPS B | BUS AMPS C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.0 | | | LIGHTING | 1 | 20 | 1 — 2 | 30 | 2 | LIGHTING CIRCUIT | 18.0 | | |
| | 6.0 | | GFCI RECEPTACLES | 1 | 20 | 3 — 4 | ⊥ | ⊥ | ⊥ | | 18.0 | |
| | | 6.0 | GFCI RECEPTACLES | 1 | 20 | 5 — 6 | 30 | 2 | LIGHTING CIRCUIT | | | 17.1 |
| 6.0 | | | GFCI RECEPTACLES | 1 | 20 | 7 — 8 | ⊥ | ⊥ | ⊥ | 17.1 | | |
| | 6.0 | | GFCI RECEPTACLES | 1 | 20 | 9 — 10 | 30 | 2 | LIGHTING CIRCUIT | | 17.1 | |
| | | 6.0 | GFCI RECEPTACLES | 1 | 20 | 11 — 12 | ⊥ | ⊥ | ⊥ | | | 17.1 |
| 6.0 | | | GFCI RECEPTACLES | 1 | 20 | 13 — 14 | 20 | 1 | PHOTO CELL/CONTACTOR | 2.0 | | |
| | 6.0 | | GFCI RECEPTACLES | 1 | 20 | 15 — 16 | 20 | 1 | GFCI RECEPTACLES | | 10.5 | |
| | | 6.0 | GFCI RECEPTACLES | 1 | 20 | 17 — 18 | 20 | 1 | GFCI RECEPTACLES | | | 9.0 |
| 6.0 | | | GFCI RECEPTACLES | 1 | 20 | 19 — 20 | 20 | 1 | SPARE | | | |
| | | | SPARE | 1 | 20 | 21 — 22 | 20 | 1 | GFCI RECEPTACLES | | 6.0 | |
| | | | SPARE | 1 | 20 | 23 — 24 | 20 | 1 | SPARE | | | |
| | | | SPACE | | | 25 — 26 | | | SPACE | | | |
| | | | SPACE | | | 27 — 28 | | | SPACE | | | |
| | | | SPACE | | | 27 — 28 | | | SPACE | | | |

TOTAL AMPS: BUS A 65.1 BUS B 69.6 BUS C 61.2 CONNECTED Kva 23.5

RATED VOLTAGE: ■ 120/208 ☐ 3 PHASE, 4 WIRE — BRANCH POLES ☐ 16 ☐ 20 ■ 28 ☐ 42

RATED AMPS: ■ 125 ☐ 225 ☐ 400 ☐ _____ — CABINET: ■ SURFACE ☐ FLUSH

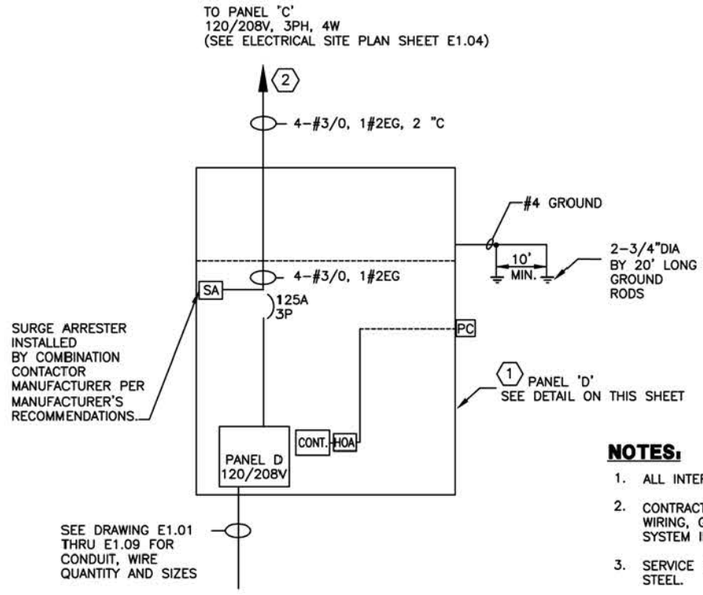
NEUTRAL BUS ■ 100% ☐ 150% ☐ 200% — ■ GROUND BUS — ■ HINGED DOOR — ■ KEYED DOOR LATCH — LOCATION: _____

■ CIRCUIT BREAKER (BOLT-IN) BRANCH DEVICES — ■ TVSS — ENCLOSURE TYPE ■ NEMA 1 ☐ NEMA 3R ☐ NEMA 4X ☐ _____

■ MAIN LUGS ONLY — MAIN ___ AMPS ☐ BREAKER — ☐ _____ TO BE GFI BREAKERS

PANELBOARD MUST BE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 24,000 AMPS SYMMETRICAL.

APPROVED MF'RS. SQUARE D, GE, CUTLER-HAMMER, — COPPER BUSSES — MAIN LUGS _____ SETS SIZE: _____




## PANEL 'D' ONE LINE DIAGRAM

120/208V, 3 PHASE, 4 WIRE

## KEYED NOTES:

1. PROVIDE AND INSTALL 120/208V, 3 PHASE, 4W, 125 AMP SERVICE PANEL COMPLETE AS PER DETAIL ON SHEET E3.05. PANEL SHALL BE TESCO, CAT. #27-000 OR APPROVED EQUAL. SERVICE PANEL SHALL INCLUDE 125 AMP 120/208V, 3ø PANEL, CIRCUIT BREAKERS AS PER PANEL SCHEDULE, PHOTO CELL, CONTACTORS, MAIN BREAKER, SURGE ARRESTOR, MISCELLANEOUS CONTROL AND ALL WIRING AND CONDUIT FOR A COMPLETE WORKING SYSTEM IN PLACE.
2. CONTRACTOR SHALL VERIFY WITH PANEL 'C' EXACT LOCATION OF SERVICE POINT AND ADJUST THE SERVICE CONDUIT ROUTING ACCORDINGLY AT NO EXTRA COST TO THE OWNER. CONTRACTOR SHALL STUB-INTO TRANSFORMER.

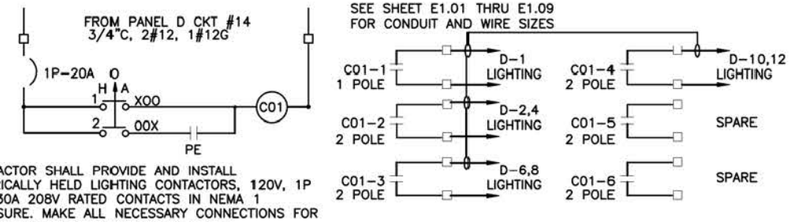
## NOTES:

1. ALL INTERIOR WIRING SHALL BE SIZE AS PER NEC CODE.
2. CONTRACTOR SHALL PROVIDE ALL CIRCUIT BREAKERS, INTERIOR WIRING, GROUNDING RODS, ETC. FOR A COMPLETE WORKING SYSTEM IN PLACE.
3. SERVICE POINT CABINET SHALL BE NEMA 4X, 316 STAINLESS STEEL.
4. SERVICE POINT CABINET SHALL BE BUILT BY AN APPROVED UL SHOP AND CARRY A UL LABEL ON THE PANEL AND EQUIPMENT.

## SERVICE POINT 'D' DATA

| DESCRIPTION | TOTAL AMPS | TOTAL KVA |
|---|---|---|
| LIGHTING LOAD | 65.3 | 23.5 |
| | | |

SERVICE CALCULATION
(65.3A X 1.25) = 81.6A
125A MAIN BREAKER




CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRICALLY HELD LIGHTING CONTACTORS, 120V, 1P COIL, 30A 208V RATED CONTACTS IN NEMA 1 ENCLOSURE. MAKE ALL NECESSARY CONNECTIONS FOR A COMPLETE WORKING SYSTEM IN PLACE.

## ROADWAY LIGHTING CONTROL SCHEMATIC

SCALE: NONE

The Village of ROYAL PALM BEACH FLORIDA

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01


Smith Engineering Consultants, Inc.
State Auth. #8228
2161 Palm Beach Lakes Blvd., Suite 312
West Palm Beach, Fl 33409
(561) 616-3911 fax (561) 616-3912

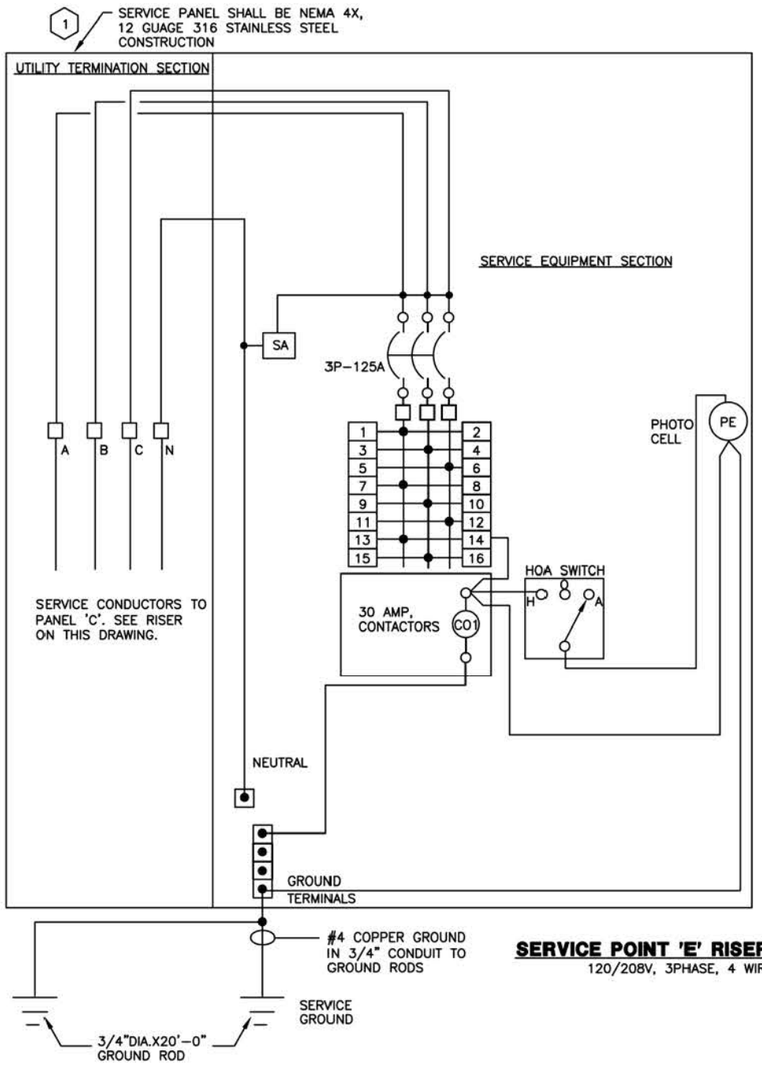

ROYAL PALM BEACH COMMONS

ELECTRICAL - LIGHTING SERVICE POINT 'D'

LARRY M. SMITH, P.E. NO. 45997

EN-PR0701
Sheet Reference Number
E3.03
Sheet ___ of ___

Addendum 3
9/23/2020




## SERVICE POINT 'E' RISER DIAGRAM

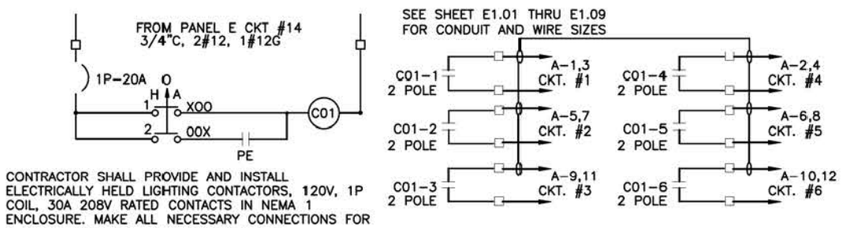
120/208V, 3PHASE, 4 WIRE

## LOAD CENTER E SCHEDULE

| BUS AMPS A | BUS AMPS B | BUS AMPS C | LOAD | POLES | AMPS | BUS A B C | AMPS | POLES | LOAD | BUS AMPS A | BUS AMPS B | BUS AMPS C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.0 | | | LIGHTING | 1 | 20 | 1 — 2 | 30 | 2 | LIGHTING CIRCUIT | 18.0 | | |
| | 9.0 | | GFCI RECEPTACLES | 1 | 20 | 3 — 4 | ⊥ | ⊥ | ⊥ | | 18.0 | |
| | | 9.0 | GFCI RECEPTACLES | 1 | 20 | 5 — 6 | 30 | 2 | LIGHTING CIRCUIT | | | 17.1 |
| 6.0 | | | GFCI RECEPTACLES | 1 | 20 | 7 — 8 | ⊥ | ⊥ | ⊥ | 17.1 | | |
| | 6.0 | | GFCI RECEPTACLES | 1 | 20 | 9 — 10 | 30 | 2 | LIGHTING CIRCUIT | | 17.1 | |
| | | 6.0 | GFCI RECEPTACLES | 1 | 20 | 11 — 12 | ⊥ | ⊥ | ⊥ | | | 17.1 |
| 6.0 | | | GFCI RECEPTACLES | 1 | 20 | 13 — 14 | 20 | 1 | PHOTO CELL/CONTACTOR | 2.0 | | |
| | 6.0 | | GFCI RECEPTACLES | 1 | 20 | 15 — 16 | 20 | 1 | GFCI RECEPTACLES | | 10.5 | |
| | | 6.0 | GFCI RECEPTACLES | 1 | 20 | 17 — 18 | 20 | 1 | GFCI RECEPTACLES | | | 9.0 |
| 6.0 | | | GFCI RECEPTACLES | 1 | 20 | 19 — 20 | 20 | 1 | SPARE | | | |
| | 6.0 | | GFCI RECEPTACLES | 1 | 20 | 21 — 22 | 20 | 1 | GFCI RECEPTACLES | | 6.0 | |
| | | 6.0 | GFCI RECEPTACLES | 1 | 20 | 23 — 24 | 20 | 1 | SPARE | | | |
| | | | SPACE | | | 25 — 26 | | | SPACE | | | |
| | | | SPACE | | | 27 — 28 | | | SPACE | | | |
| | | | SPACE | | | 27 — 28 | | | SPACE | | | |

TOTAL AMPS: BUS A 61.1 BUS B 78.6 BUS C 70.2 CONNECTED Kva 25.2

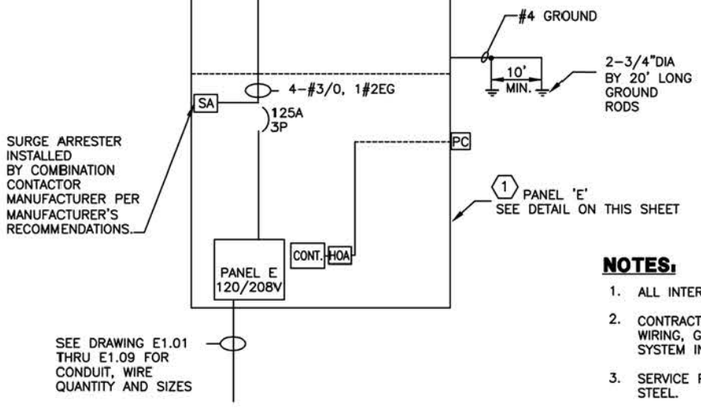
| | | |
|---|---|---|
| RATED VOLTAGE: ■ 120/208 ☐ 3 PHASE, 4 WIRE | BRANCH POLES ☐ 16 ☐ 20 ■ 28 ☐ 42 | |
| RATED AMPS: ■ 125 ☐ 225 ☐ 400 ☐ _____ | CABINET: ■ SURFACE ☐ FLUSH | |
| NEUTRAL BUS ■ 100% ☐ 150% ☐ 200% | ■ GROUND BUS ■ HINGED DOOR ■ KEYED DOOR LATCH | LOCATION: _____ |
| ■ CIRCUIT BREAKER (BOLT-IN) BRANCH DEVICES ■ TVSS | ENCLOSURE TYPE ■ NEMA 1 ☐ NEMA 3R ☐ NEMA 4X ☐ _____ | |
| ■ MAIN LUGS ONLY MAIN ___ AMPS ☐ BREAKER | ☐ _____ TO BE GFI BREAKERS | |
| PANELBOARD MUST BE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 24,000 AMPS SYMMETRICAL. | | |
| APPROVED MF'RS. SQUARE D, GE, CUTLER-HAMMER, | COPPER BUSSES MAIN LUGS _____ SETS SIZE: _____ | |




CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRICALLY HELD LIGHTING CONTACTORS, 120V, 1P COIL, 30A 208V RATED CONTACTS IN NEMA 1 ENCLOSURE. MAKE ALL NECESSARY CONNECTIONS FOR A COMPLETE WORKING SYSTEM IN PLACE.

## ROADWAY LIGHTING CONTROL SCHEMATIC

SCALE: NONE




## PANEL 'E' ONE LINE DIAGRAM

120/208V, 3 PHASE, 4 WIRE

## KEYED NOTES:

1. PROVIDE AND INSTALL 120/208V, 3 PHASE, 4W, 125 AMP SERVICE PANEL COMPLETE AS PER DETAIL ON SHEET E3.05. PANEL SHALL BE TESCO, CAT. #27-000 OR APPROVED EQUAL. SERVICE PANEL SHALL INCLUDE 125 AMP 120/208V, 3ø PANEL, CIRCUIT BREAKERS AS PER PANEL SCHEDULE, PHOTO CELL, CONTACTORS, MAIN BREAKER, SURGE ARRESTOR, MISCELLANEOUS CONTROL AND ALL WIRING AND CONDUIT FOR A COMPLETE WORKING SYSTEM IN PLACE.
2. CONTRACTOR SHALL VERIFY WITH PANEL 'C' EXACT LOCATION OF SERVICE POINT AND ADJUST THE SERVICE CONDUIT ROUTING ACCORDINGLY AT NO EXTRA COST TO THE OWNER. CONTRACTOR SHALL STUB-INTO TRANSFORMER.

## NOTES:

1. ALL INTERIOR WIRING SHALL BE SIZE AS PER NEC CODE.
2. CONTRACTOR SHALL PROVIDE ALL CIRCUIT BREAKERS, INTERIOR WIRING, GROUNDING RODS, ETC. FOR A COMPLETE WORKING SYSTEM IN PLACE.
3. SERVICE POINT CABINET SHALL BE NEMA 4X, 316 STAINLESS STEEL.
4. SERVICE POINT CABINET SHALL BE BUILT BY AN APPROVED UL SHOP AND CARRY A UL LABEL ON THE PANEL AND EQUIPMENT.

## SERVICE POINT 'E' DATA

| DESCRIPTION | TOTAL AMPS | TOTAL KVA |
|---|---|---|
| LIGHTING LOAD | 70 | 25.2 |
| | | |

SERVICE CALCULATION
(70.0A X 1.25) = 87.5A
125A MAIN BREAKER

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01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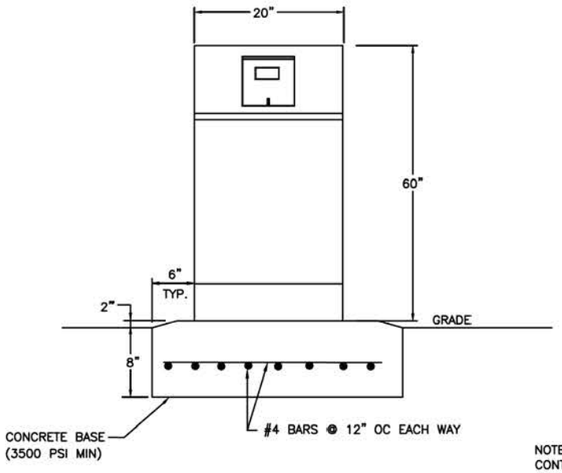
ROYAL PALM BEACH COMMONS

ELECTRICAL - LIGHTING SERVICE POINT 'E'

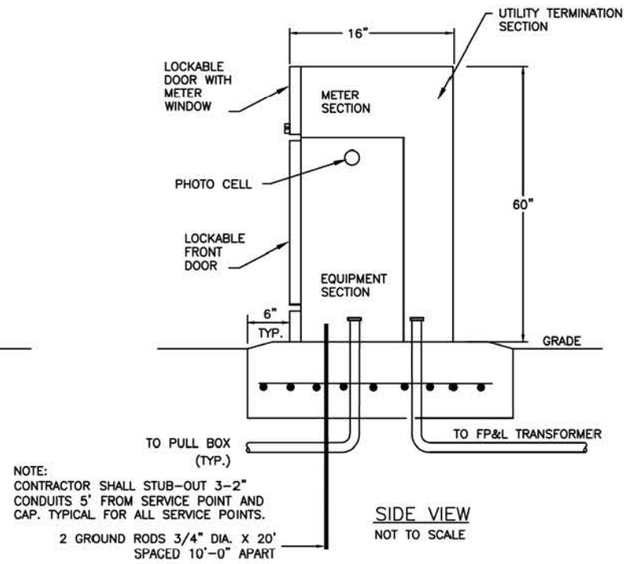
LARRY M. SMITH, P.E. NO. 45997

EN-PR0701
Sheet Reference Number
E3.04
Sheet ___ of ___

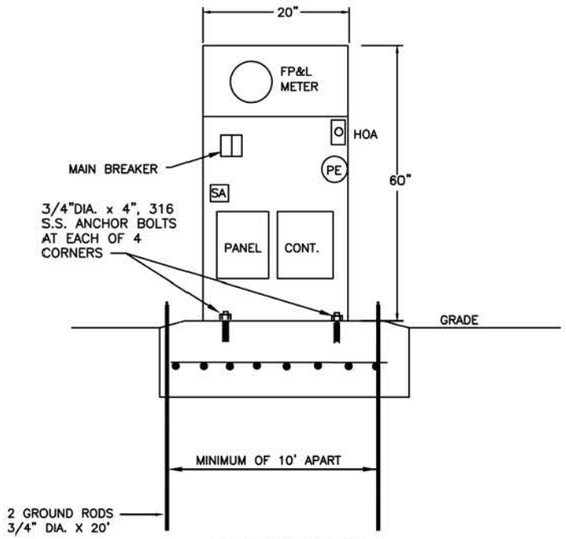
Addendum 3
9/23/2020




FRONT VIEW
NOT TO SCALE

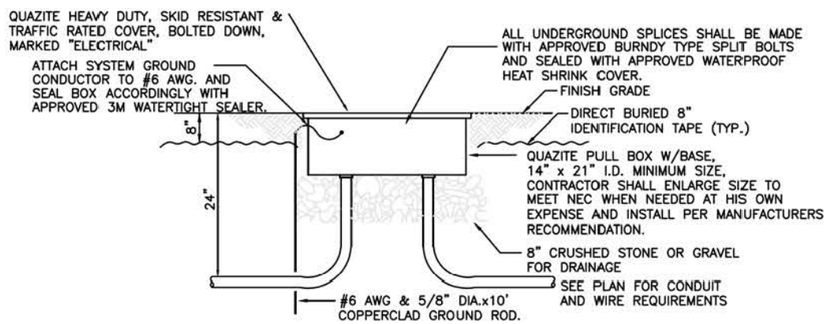



SIDE VIEW
NOT TO SCALE

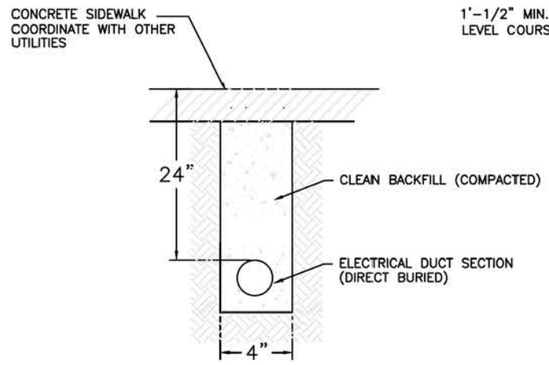



**INTERIOR VIEW**
NOT TO SCALE

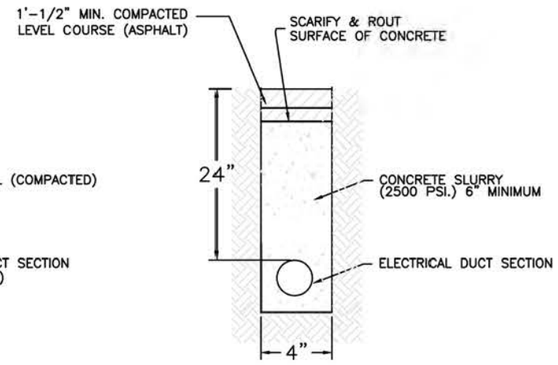
**SERVICE POINT DETAIL (TYPICAL)**
NOT TO SCALE




**PULL BOX DETAIL**
NOT TO SCALE
(LOCATED AT ROAD CROSSINGS)




**ELECTRICAL DUCT UNDER SIDEWALK**
NOT TO SCALE
TYPICAL




**ELECTRICAL DUCT UNDER ROADWAY**
NOT TO SCALE
TYPICAL

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01


SEC Smith Engineering Consultants, Inc.
State Auth. #6228
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West Palm Beach, Fl 33409
(561) 516-3911 fax (561) 516-3912

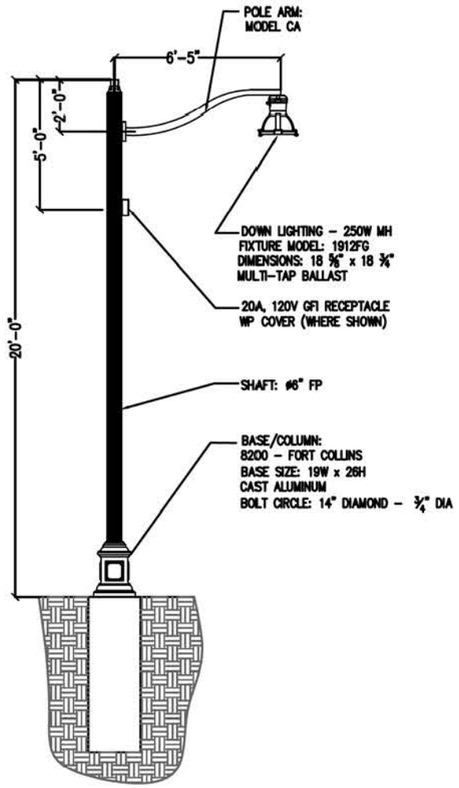

ROYAL PALM BEACH COMMONS

ELECTRICAL - LIGHTING
SERVICE POINT DETAIL

LARRY M. SMITH, P.E.
NO. 45997

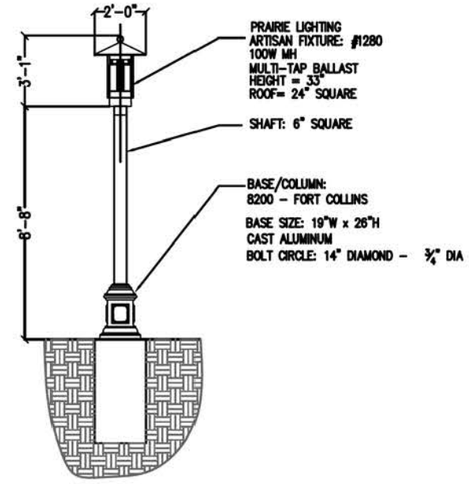
EN-PR0701
Sheet Reference Number
E3.05
Sheet ___ of ___

Addendum 3
9/23/2020



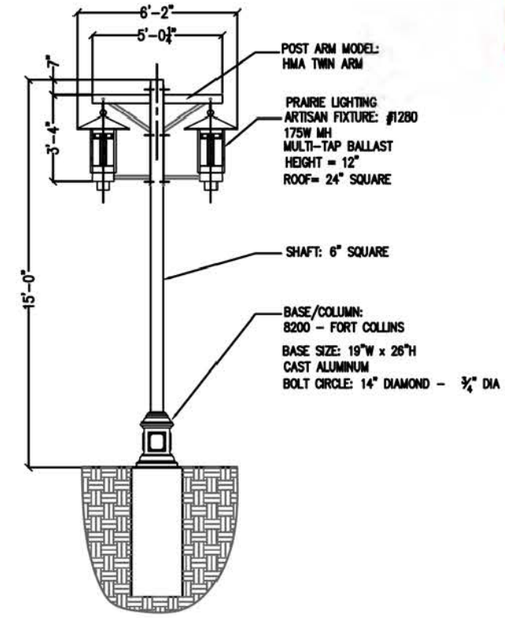

* ALL ITEMS FROM
STERNBERG MANUFACTURING

## ROADWAY LIGHT POLE DETAIL
N.T.S.



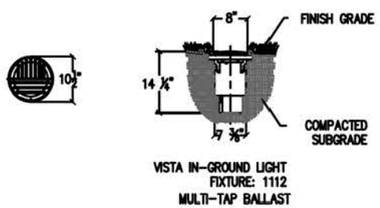

* ALL ITEMS FROM
STERNBERG MANUFACTURING

## WALKWAY LIGHT POLE DETAIL
N.T.S.



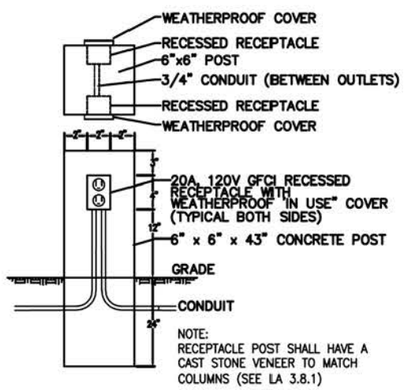

* ALL ITEMS FROM
STERNBERG MANUFACTURING

## PARKING LOT LIGHT POLE DETAIL
N.T.S.




VISTA IN-GROUND LIGHT
FIXTURE: 1112
MULTI-TAP BALLAST

## UPLIGHT DETAIL
N.T.S.




## RECEPTACLE DETAIL
N.T.S.

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | S.P.H. |
| Drawn: | S.P.H. |
| Checked: | L.M.S. |

| No. | Revisions | Date | By |
|---|---|---|---|

60059.01


SEC Smith Engineering Consultants, Inc.
State Auth. #8228
2161 Palm Beach Lakes Blvd., Suite 312
West Palm Beach, Fl 33409
(561) 616-3911 fax (561) 616-3912

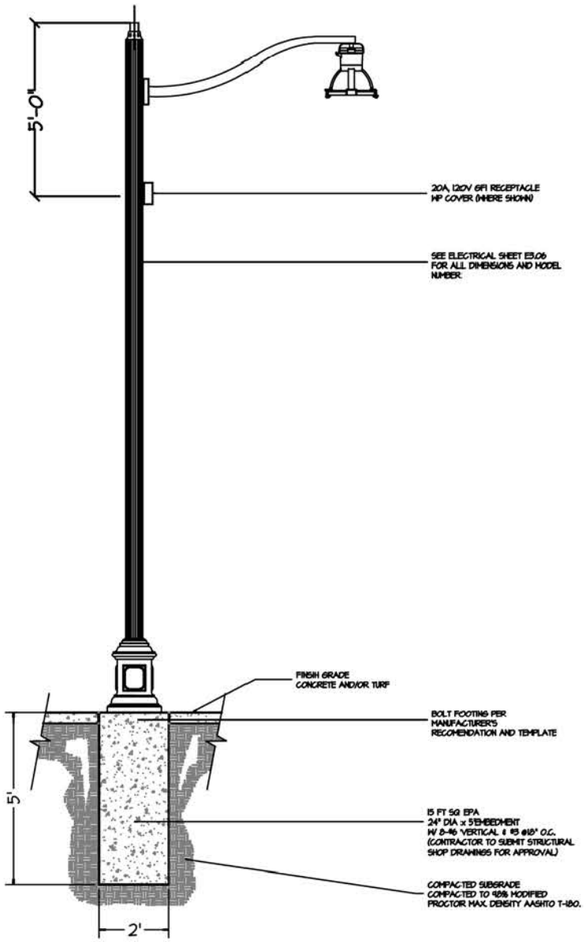

ROYAL PALM BEACH COMMONS

SITE LIGHTING POLE DETAILS

LARRY M. SMITH, P.E.
NO. 45997

EN-PR0701
Sheet Reference Number
E3.06
Sheet _ of _

Addendum 3
9/23/2020




SECTION
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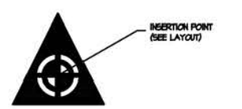
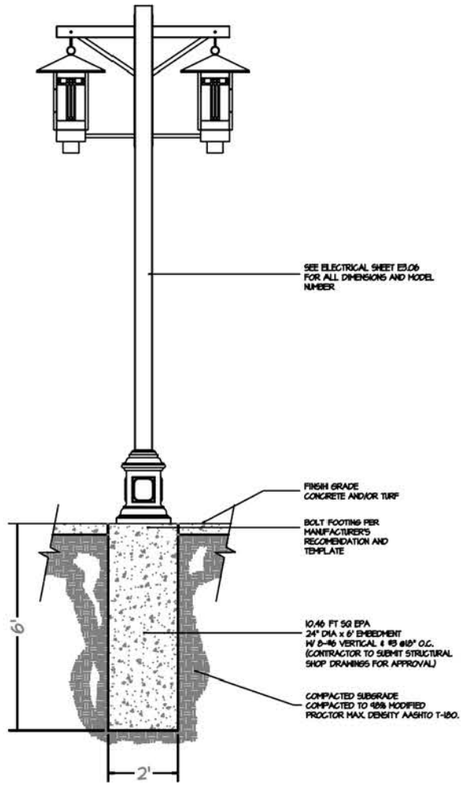



LAYOUT POINT/SYMBOL
N.T.S.

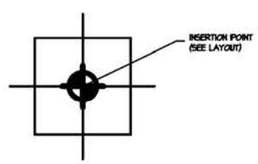
CONTACT: STERNBERG LIGHTING
555 LAWRENCE AVE.
ROSELLE, IL 60172
PH. 1-800-621-3376,
847-588-3400
FAX: 847-588-3440

## 1 ROADWAY LIGHT

GENERAL NOTE:
ALL LIGHTS ON THIS SHEET ARE SOLE SOURCE ITEMS. NO SUBSTITUTIONS WILL BE ACCEPTED.



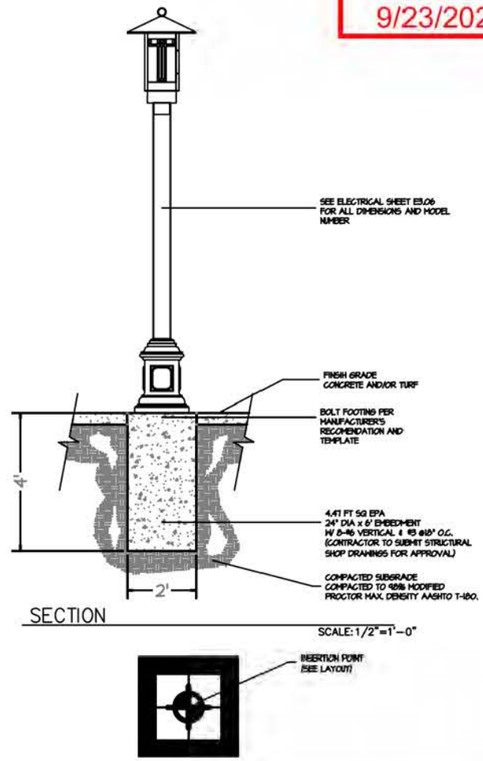

SECTION
SCALE: 1/2"=1'-0"




LAYOUT POINT/SYMBOL
N.T.S.

CONTACT: STERNBERG LIGHTING
555 LAWRENCE AVE.
ROSELLE, IL 60172
PH. 1-800-621-3376,
847-588-3400
FAX: 847-588-3440

## 2 PARKING LOT LIGHT



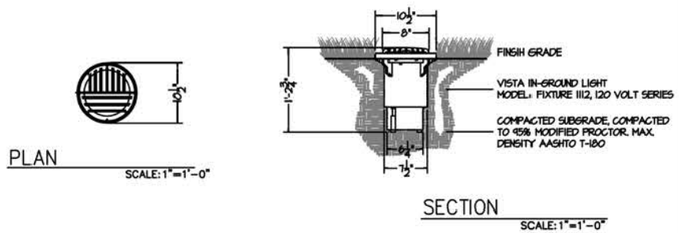

SECTION
SCALE: 1/2"=1'-0"




LAYOUT POINT/SYMBOL
N.T.S.

CONTACT: STERNBERG LIGHTING
555 LAWRENCE AVE.
ROSELLE, IL 60172
PH. 1-800-621-3376,
847-588-3400
FAX: 847-588-3440

## 3 WALKWAY LIGHT



LAYOUT POINT/SYMBOL
N.T.S.

CONTACT: VISTA PROFESSIONAL OUTDOOR LIGHTING
1625 SURVEYOR AVE. SIMI VALLEY, CA 93063
PH. 1-800-766-8478,
805-527-0487
FAX: 888-670-8478

## 4 "UP" LIGHT

The Village of ROYAL PALM BEACH

| | By: |
|---|---|
| Designed: | RGM |
| Drawn: | JNP |
| Checked: | RGM |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | RE-PLOTTED | 3/31/11 | BAJ |

14777

THE RMPK GROUP
Community and Regional Planning
Entitlement and Permitting
Landscape Architecture
Land Planning
Urban Design
1519 Main Street, Sarasota, FL 34236 TEL: 941-954-1778 FAX: 941-954-4824 E-MAIL: mail@rmpkgroup.com

ROYAL PALM BEACH COMMONS

SITE LIGHTING DETAILS

EN-PR0701
Sheet Reference Number
LA5.1.1
Sheet ___ of ___

Addendum 3
9/23/2020

## ELECTRICAL SPECIFICATIONS — DIVISION 16

1. THE WORK SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS AND AMENDMENTS EFFECTIVE 12/1/08 OF THE NATIONAL ELECTRICAL CODE, FLORIDA BUILDING CODE 2004, O.S.H.A. REQUIREMENTS AND ALL OTHER LOCAL CODES AND ORDINANCES GOVERNING THIS INSTALLATION, AS A MINIMUM STANDARD, UNLESS SPECIFICATIONS LISTED HEREIN OR SHOWN ON PLANS REQUIRE A HIGHER STANDARD.

CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES FOR SERVICE REQUIREMENTS AND REFER TO SERVICE STANDARDS AS DOCUMENTED BY UTILITY COMPANIES FOR SCOPE.

THE WORK INCLUDED CONSISTS OF ALL SUPERVISION, LABOR, MATERIALS, EQUIPMENT FACILITIES AND INSTALLATION REQUIRED FOR THE COMPLETE SATISFACTORY AND APPROVED ELECTRICAL SYSTEMS AS INDICATED ON THE DRAWINGS AND CALLED FOR IN THIS SPECIFICATION, OR AS MAY BE REASONABLY IMPLIED BY EITHER.

ALL NOTES ON THE DRAWINGS PERTAINING TO THE WORK OF THIS TRADE SHALL BE CONSIDERED AS PART OF THIS SPECIFICATIONS AND CONTRACT.

THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND ANY APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, THE CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM, AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL THE OWNER HAS DIRECTED THE CORRECTIVE ACTION TO BE TAKEN. THE CONTRACTOR IS REFERRED TO THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE ELECTRICAL CONTRACT DOCUMENTS. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND ARRANGEMENTS ONLY.

THE CONTRACTOR SHALL COORDINATE THE PROPOSED LOCATIONS OF ALL ELECTRICAL MATERIALS AND EQUIPMENT WITH THE REPRESENTATIVES OF THE OTHER TRADES INVOLVED BEFORE STARTING INSTALLATION OF THOSE ITEMS.

COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES, CONDUIT, AND SLEEVES WITH OTHER STRUCTURAL COMPONENTS, AS THEY ARE CONSTRUCTED. ALL SLAB AND FIRE WALL PENETRATIONS MUST BE FIRE RATED AND MUST CONFORM TO OWNER'S APPROVAL AS TO LOCATION AND CONSTRUCTION DETAILS.

**VALUE ENGINEERING AND ENGINEERING EXPENSES THAT ARE INCURRED DUE TO REVISIONS OR SUBSTITUTIONS REQUESTED BY THE CONTRACTOR SHALL BE THE CONTRACTOR'S RESPONSIBILITY/EXPENSE.**

2. MATERIALS: THE MATERIALS AND EQUIPMENT FURNISHED SHALL BE AS INDICATED ON THE DRAWINGS; SUBSTITUTIONS SHALL NOT BE MADE EXCEPT WHERE EXPRESSLY APPROVED BY THE OWNER OR HIS REPRESENTATIVE PRIOR TO STARTING INSTALLATION OF THE ITEMS. THE ELECTRICAL MATERIALS AND EQUIPMENT FURNISHED SHALL BE LISTED OR LABELED BY UNDERWRITERS LABORATORIES OR OTHER RECOGNIZED TESTING ORGANIZATION, AND SHALL BE ACCEPTABLE TO THE LOCAL BUILDING AUTHORITY.

3. GROUNDING: GROUNDING SHALL BE IN ACCORDANCE WITH ARTICLE 250, NEC. PROVIDE GROUND WIRES IN ALL CONDUITS UNLESS OTHERWISE NOTED.

4. CONDUITS: ELECTRICAL METALLIC TUBING (EMT) SHALL BE INSTALLED ONLY IN DRY LOCATIONS, IN CONCRETE ABOVE GRADE, AND WHERE NOT SUBJECT TO PHYSICAL DAMAGE. ALL ABOVE CEILING CONDUITS SHALL BE ROUTED TIGHT AGAINST THE STRUCTURE AND SHALL BE PARALLEL OR PERPENDICULAR TO THE BUILDING FEATURES. NO NEW CONDUITS SHALL BE SUPPORTED BY EXISTING CONDUITS, CEILING SYSTEMS OR AIR CONDITIONING HANGERS OR OTHER SYSTEMS.

ALL EXPOSED CONDUITS SHALL BE RUN AS NEAT AND INCONSPICUOUS AS POSSIBLE AND PAINTED TO MATCH COLOR OF SURROUNDINGS.

ALL EMPTY CONDUITS SHALL HAVE PULLSTRING, BOTH ENDS CAPPED, LABELED WITH DESCRIPTION OF INTENDED FUTURE USE, AND BE STUBBED 6" OUT FROM WALLS/CEILING/FLOORS, UNLESS INDICATED OTHERWISE.

FLEXIBLE CONDUITS SHALL BE USED FOR CONNECTION TO ALL VIBRATING EQUIPMENT SUCH AS MOTORS, LIGHTING FIXTURES, ETC. FLEXIBLE CONDUIT SHALL HAVE ALUMINUM ARMOR & INTERNAL GROUND STRAP IN ADDITION TO EQUIPMENT GROUND. USE "LIQUID TIGHT" WHEN EXPOSED TO WEATHER.

5. CONDUCTORS SIZE #8 AND LARGER SHALL BE TYPE THWN STRANDED, COPPER. CONDUCTORS SIZE #10 AND SMALLER SHALL BE COPPER, TYPE THHN SOLID, UNLESS NOTED OTHERWISE. CONDUCTORS SHALL CONSIST OF 98% CONDUCTIVITY COPPER AS INDICATED. SIZES ARE AWG. ALL CONDUCTORS SHALL BE RUN IN CONDUIT EXCEPT AS NOTED ON PLANS.

POWER, LIGHTING, AND GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN #12 AWG. EXCEPT WHERE OTHERWISE INDICATED. CONTROL CONDUCTORS SHALL NOT BE SMALLER THAN #14 AWG. CONDUCTORS SHALL BE CONTINUOUS FROM DEVICES WITHOUT SPLICES EXCEPT WITHIN WIRE WAY OR JUNCTION BOXES. MARK CONDUCTORS IN PANELS, PULL BOXES OR WIREWAYS AND TERMINAL STRIP TERMINALS FOR IDENTIFICATION OF CIRCUITS.

CONDUCTORS SHALL BE JOINED USING COMPRESSION SPLICES, EXCEPT THAT CONDUCTORS #10 AND SMALLER MAY BE JOINED USING WIRE NUT TYPE CONNECTORS. CONDUCTORS SHALL BE TERMINATED USING COMPRESSION SPLICES USED ON CONDUCTORS #10 AWG. AND USING 3M #33+ OR #88 PLASTIC TAPE. SPLICES IN WET LOCATIONS SHALL BE INSULATED WITH ELECTRICAL TAPE AND ENCAPSULATED WITH SCOTCH CAST OR EQUAL POTTING COMPOUND.

LOW VOLTAGE CONDUCTORS RUN THROUGH THE RETURN AIR PLENUM SHALL BE PLENUM RATED.OF THE BUILDING AND THE WORK OF OTHER TRADES WILL PERMIT.

*CONTRACTOR SHALL VERIFY LENGTH OF ALL CONDUCTOR RUNS AND INCREASE WIRE SIZE AS REQUIRED SUCH THAT VOLTAGE DROP DOES NOT EXCEED 3% FOR BRANCH CIRCUITS AND 2% FOR FEEDERS. ADVISE ENGINEER AS REQUIRED.*

6. RECEPTACLES SHALL BE 15/20A, 120V AS, 2 POLE, 3 WIRE SINGLE OR DUPLEX GROUND TYPE EXCEPT WHERE SPECIFIC PURPOSE, LOCKING OR HIGHER RATED RECEPTACLES ARE SHOWN ON THE DRAWINGS.

7. WALL SWITCHES SHALL BE OF THE TOTALLY ENCLOSED TUMBLER TYPE WITH BODIES OF PHENOLIC COMPOUND. HANDLES SHALL BE WHITE COLORED.

8. CONTRACTOR SHALL VERIFY ALL EQUIPMENT NAMEPLATE DATA FOR WIRING AND OVER CURRENT PROTECTION REQUIREMENTS BEFORE PERFORMING ROUGH-IN WORK.

9. PROVIDE AND INSTALL JUNCTION AND PULL BOXES WHERE INDICATED AND WHERE NECESSARY TO TERMINATE, TAP OFF, OR REDIRECT MULTIPLE CONDUIT RUNS, OF SIZE INDICATED OR AS REQUIRED BY NEC. WHERE FEEDER SPLICES ARE TO BE MADE, INSTALL BOXES LARGE ENOUGH TO PROVIDE AMPLE WORK SPACE.

10. LIGHTING FIXTURES: LIGHTING FIXTURES SHALL BE AS INDICATED ON THE DRAWINGS AND SHALL BE INSTALLED COMPLETE WITH LAMPS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF CEILING CONSTRUCTION BEFORE ORDERING OR INSTALLING LIGHT FIXTURES.

11. CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXTENT OF REVISIONS TO EXISTING EQUIPMENT AND WIRING TO ACCOMMODATE ARCHITECTURAL CHANGES AND ADDITIONS. ALL THE NECESSARY REROUTING AND/OR REMOVAL OF EXISTING EQUIPMENT, WIRING ETC., SHALL BE INCLUDED IN THE SCOPE OF WORK. CONTRACTOR SHALL REMOVE ALL EXISTING EQUIPMENT AND MATERIALS THAT WILL NOT BE REUSED IN CONSTRUCTION INCLUDING PIPES, CONDUITS, WIRES, TELEPHONE LINES, COMPUTER CABLE OR WIRING THAT PASSED THROUGH THE SITE OF THIS CONSTRUCTION AND RELOCATE THESE MATERIALS THAT SERVE ADJACENT BLDG. THAT ARE TO REMAIN.

12. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY CONTROL WIRING FOR ALL EQUIPMENT. ELECTRICAL POWER AND CONTROL WIRING FOR HVAC AND MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR WIRING DIAGRAMS AND REQUIREMENTS. MECHANICAL EQUIPMENT REQUIRING STARTER SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

13. PANEL DIRECTORIES SHALL BE TYPED ACCURATELY TO SHOW AS BUILT CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY BALANCING ALL BRANCH CIRCUITS BETWEEN THE PHASES OF THE SYSTEM REGARDLESS OF CIRCUITING INDICATED. ELECTRICAL PANELS SHALL BE CONSTRUCTED WITH COPPER MAIN BUSSES AND TERMINALS.

14. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARCHITECT BEFORE ROUGH INSTALLATION OF LIGHTS, RECEPTACLES AND SWITCHES FOR EXACT LOCATION.

15. ALL SERVICES INTERRUPTIONS SHALL BE SCHEDULED WITH THE AUTHORIZED REPRESENTATIVE OF THE LANDLORD. ALL REMOVAL AND DISPOSAL WORK SHALL BE COORDINATED WITH THE AUTHORIZED REPRESENTATIVE OF THE LANDLORD.

16. THE ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORK MANNER. THE CONTRACTOR SHALL TOUCH-UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION.

17. TESTS: AFTER EACH SYSTEM HAS BEEN COMPLETED, A FUNCTIONAL TEST SHALL BE PERFORMED TO DEMONSTRATE THAT THE SYSTEM OPERATES IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS. THE TEST SHALL BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF THE OWNER OR HIS REPRESENTATIVE. ALL WORK SHALL BE GUARANTEED FREE FROM DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE ALL RUBBISH CAUSED BY HIS WORK AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT.

18. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO OBTAIN A COMPLETE AND SATISFACTORY INSTALLATION. AN ATTEMPT HAS BEEN MADE TO SEPARATE AND COMPLETELY DEFINE THE WORK IN SEPARATE SECTIONS OF THE SPECIFICATIONS; HOWEVER, SUCH SEPARATION SHALL NOT RELIEVE THE CONTRACTOR FROM FULL RESPONSIBILITY OF COMPLIANCE WITH THE WORK OF HIS/HER TRADE WHICH MAY BE INDICATED ON ANY OF THE DRAWINGS AND OTHER SECTIONS OF THE SPECIFICATIONS.

THE CONTRACTOR SHALL CAREFULLY EXAMINE THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS. IN ADDITION TO THE ELECTRICAL AND OTHER RELATED TRADES AND SECTIONS, THIS COORDINATION SHALL BE DONE PRIOR TO SUBMITTING THE BID.

THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS WITH REFERENCE TO BUILDING CONSTRUCTION AND DIMENTIONS. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC BUT ARE TO BE FOLLOWED AS CLOSELY AS THE ACTUAL CONSTRUCTION OF THE BUILDING AND THE WORK OF OTHER TRADES WILL PERMIT.

## LIGHTING FIXTURE SCHEDULE

| TYPE | SYMBOL | DESCRIPTION | VOLTS | LAMP NO. | LAMP TYPE | MOUNTING | REMARKS |
|---|---|---|---|---|---|---|---|
| A | ⊙ | PEDESTRIAN LIGHT STERNBERG ARTISAN #12BOW | 120 | 1 | 100W MH | POLE | 2 |
| B | ⌓ | EXTERIOR WALL SCONCE – VANDAL. FAIL-SAFE #TRM15-O-1/32T | 120 | 1 | 32W CFL | WALL SURFACE | 4 5 |

GENERAL NOTES:
1) VERIFY ALL COLORS/FINISHES WITH LANDSCAPE ARCHITECT.
2) VERIFY CLEAR SPACE PRIOR TO BID/PURCHASE.

KEYED NOTES:
1 VERIFY MOUNTING HEIGHT AND LOCATION WITH LANDSCAPE ARCHITECTURAL DRAWINGS (ASSEMBLY STAGE – LA3.4.1, ARBOR PAVILION – LA3.5.1 AND 8X8 PAVILION – LA3.6.1). SEE CONDUIT ROUTING DETAIL ON SHEET LA3.8.1.
2 SEE DETAIL 3 ON SHEET LA5.1.1 FOR MORE INFORMATION.

## ELECTRICAL SYMBOL LEGEND

| | |
|---|---|
| ⊕ | 20A, WP, GFI, DUPLEX RECEPTACLE. RECESS MOUNT TO RETAINING WALL AT 18" AFG OR ABOVE THE 100 YEAR FLOOD PLANE, WHICH EVER IS HIGHER, UNLESS INDICATED OTHERWISE. |
| ▣ | POWER SERVICE PEDESTAL WITH BRANCH CIRCUIT PANEL. SEE PANEL SCHEDULES FOR MORE INFORMATION. |
| WP | WEATHER PROOF |
| GFI | GROUND FAULT CIRCUIT INTERRUPTER |
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |

## BRANCH CIRCUIT PANEL "P"

MAIN: 225A RATED BUS WITH 150A MCB — VOLTAGE: 208/120V, 3ϕ, 4 WIRE
MOUNTING: SURFACE — AIC SYMM: 42,000 3
SPEC: 2

| DESCRIPTION | WIRE/CND | TRIP | CKT | #A KVA | #B KVA | #C KVA | CKT | TRIP | WIRE/CND | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| LTG, PAVILIONS 5 1 | 2#12 & 1#12G IN ¾" | 20 | 1 | 0.5 \| 1.9 | — | — | 2 | 20 | 1" EMPTY CONDUIT | SPARE 4 |
| RECS, PLAZA-ASSEMBLY STAGE | 2#12 & 1#12G IN ¾" | 20 | 3 | — | 1.9 \| 1.9 | — | 4 | 20 | 1" EMPTY CONDUIT | SPARE 4 |
| RECS, WEDDING-STAIR | 2#4 & 1#4G IN 1" | 20 | 5 | — | — | 1.9 \| – | 6 | – | – | SPACE |
| RECS, WEDDING-PAVILION | 2#4 & 1#4G IN 1" | 20 | 7 | 1.9 \| – | — | — | 8 | – | – | SPACE |
| SPACE | – | – | 9 | — | – \| – | — | 10 | – | – | SPACE |
| SPACE | – | – | 11 | — | — | – \| – | 12 | – | – | SPACE |
| SPACE | – | – | 13 | – \| 9.0 | — | — | 14 | 80 | 4#4 & 1#8G IN 1" | ACTIVITY FOUNTAIN 5 |
| SPACE | – | – | 15 | — | – \| 9.0 | — | 16 | | | |
| SPACE | – | – | 17 | — | — | – \| 9.0 | 18 | | | |
| | | | | 13.3 | 12.8 | 10.9 | KVA PER PHASE | | | |
| | | | | 110.8 | 106.7 | 90.8 | AMPS PER PHASE | | | |
| | | | | 37 | | | TOTAL KVA | | | |

## BRANCH CIRCUIT PANEL "KL"

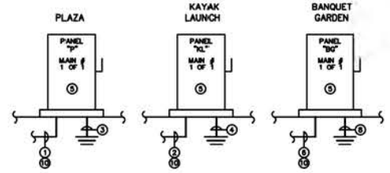
MAIN: 100A RATED BUS WITH 60A MCB — VOLTAGE: 208/120V, 3ϕ, 4 WIRE
MOUNTING: SURFACE — AIC SYMM: 42,000 3
SPEC: 2

| DESCRIPTION | WIRE/CND | TRIP | CKT | #A KVA | #B KVA | #C KVA | CKT | TRIP | WIRE/CND | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| LTG, PAVILIONS 5 1 | 2#12 & 1#12G IN ¾" | 20 | 1 | 0.2 \| 1.9 | — | — | 2 | 20 | 1" EMPTY CONDUIT | SPARE 4 |
| RECEPTS, STAIR | 2#8 & 1#8G IN 1" | 20 | 3 | — | 1.9 \| 1.9 | — | 4 | 20 | 1" EMPTY CONDUIT | SPARE 4 |
| SPACE | – | – | 5 | — | — | 1.9 \| 1.9 | 6 | 20 | 1" EMPTY CONDUIT | SPARE 4 |
| SPACE | – | – | 7 | – \| – | — | — | 8 | – | – | SPACE |
| SPACE | – | – | 9 | — | – \| – | — | 10 | – | – | SPACE |
| SPACE | – | – | 11 | — | — | – \| – | 12 | – | – | SPACE |
| | | | | 2.1 | 3.8 | 3.8 | KVA PER PHASE | | | |
| | | | | 17.5 | 31.7 | 31.7 | AMPS PER PHASE | | | |
| | | | | 9.7 | | | TOTAL KVA | | | |

## BRANCH CIRCUIT PANEL "BG"

MAIN: 100A RATED BUS WITH 60A MCB — VOLTAGE: 208/120V, 3ϕ, 4 WIRE
MOUNTING: SURFACE — AIC SYMM: 42,000 3
SPEC: 2

| DESCRIPTION | WIRE/CND | TRIP | CKT | #A KVA | #B KVA | #C KVA | CKT | TRIP | WIRE/CND | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| LTG, BANQUET GARDEN 5 1 | 2#12 & 1#12G IN ¾" | 20 | 1 | 0.7 \| 1.9 | — | — | 2 | 20 | 1" EMPTY CONDUIT | SPARE 4 |
| RECS, BANQUET GARDEN | 2#12 & 1#12G IN ¾" | 20 | 3 | — | 1.9 \| 1.9 | — | 4 | 20 | 1" EMPTY CONDUIT | SPARE 4 |
| RECS, BANQUET GARDEN | 2#8 & 1#8G IN 1" | 20 | 5 | — | — | 1.9 \| | 6 | – | – | SPACE |
| RECS, BANQUET GARDEN | 2#8 & 1#8G IN 1" | 20 | 7 | 1.9 \| – | — | — | 8 | – | – | SPACE |
| RECS, BANQUET GARDEN | 2#8 & 1#8G IN 1" | 20 | 9 | — | 1.9 \| – | — | 10 | – | – | SPACE |
| RECS, BANQUET GARDEN | 2#8 & 1#8G IN 1" | 20 | 11 | — | — | 1.9 \| – | 12 | – | – | SPACE |
| | | | | 4.5 | 5.7 | 3.8 | KVA PER PHASE | | | |
| | | | | 37.5 | 47.5 | 31.7 | AMPS PER PHASE | | | |
| | | | | 14 | | | TOTAL KVA | | | |




# ELECTRICAL RISER DIAGRAMS

SCALE: N.T.S.

## ELECTRICAL RISER KEYED NOTES

1. 2 SETS IF 4#3/0 & 1#1G IN 3".
2. 4#3/0 & 1#1G IN 3".
3. #1/0 COPPER GROUNDING ELECTRODE TO GROUNDING ELECTRODE SYSTEM: ¾"ø X 10' COPPER GROUND ROD.
4. #2 COPPER GROUNDING ELECTRODE TO GROUNDING ELECTRODE SYSTEM: ¾"ø X 10' COPPER GROUND ROD.
5. MOUNT ON CONCRETE MAINTENANCE PAD WITH PAD TOP AT 6" AFG OR 100 YEAR FLOOD PLANE, WHICH EVER IS HIGHER.
6. 4#2/0 & 1#2G IN 2½".
7. 4#1/0 & 1#3G IN 2½".
8. #4 COPPER GROUNDING ELECTRODE TO GROUNDING ELECTRODE SYSTEM: ¾"ø X 10' COPPER GROUND ROD.
9. #6 COPPER GROUNDING ELECTRODE TO GROUNDING ELECTRODE SYSTEM: ¾"ø X 10' COPPER GROUND ROD.
10. TO EXISTING SPORTING CENTER UNDER SEPERATE PERMIT. SEE THOSE DRAWINGS FOR FEEDER TIE-IN.
11. TO EXISTING CLUB HOUSE UNDER SEPERATE PERMIT. SEE THOSE DRAWINGS FOR FEEDER TIE-IN.

## PANEL SCHEDULE KEYED NOTES

1. CIRCUIT WIRED THROUGH PHOTOCELL.
2. TESCO #27-000 WITH NEMA 4X 316 STAINLESS STEEL ENCLOSURE, PHOTOCELL, CONTACTORS, SURGE ARRESTOR AND ALL ASPECTS INDICATED ON PANEL SCHEDULE. COORDINATE WITH MANUFACTURER FOR EXACT REQUIREMENTS TO PROVIDE A COMPLETE UL LISTED ASSEMBLY (INCLUDING BUT NO LIMITED TO MOUNTING, CONTROLS, WIRING, CONDUITS, ETC.)
3. ACQUIRE AVAILABLE FAULT CURRENT IN WRITING FROM FPL AND ADVISE ENGINEER TO CALCULATE AIC.
4. STUB EMPTY CONDUIT 3' BEYOND MAINTENANCE PAD IN JUNCTION BOX, CAP AND LABEL FOR FUTURE USE WITH DESCRIPTION MATCHING PANEL NAME AND CIRCUIT #.
5. LOAD INDICATED INCLUDES LARGEST MOTOR AND/OR CONTINUOUS LOAD(S) @ 125%.

MILTON KRAMER, P.E.
LICENSED ENGINEER NO. 58657
STATE OF FLORIDA
CERTIFICATE OF AUTHORIZATION # 4056

DATE:
PROJ.# 07047

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| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | REMOVED BRANCH CIRCUIT PANEL "L" | 4/7/11 | BM |

| Designed: | MK |
|---|---|
| Drawn: | KLV |
| Checked: | MK |

60059.01

ARCHITECTS, PLANNERS
2699 Park Central Boulevard North,
Pompano Beach, Florida 33064
AA-0000151
IBI GROUP

ROYAL PALM BEACH COMMONS
SITE ELECTRICAL

DeRose Design Consultants

RPB NO: EN-PR070
Sheet Reference Number
EP-0.1
Sheet 1 of 4

## USER INPUTS

| | | | |
|---|---|---|---|
| Project Name: | ROYAL PALM BEACH COMMONS | Date: | 6/17/2011 |
| Work Order: | | Design Standard: | 2007 FBC/ASCE 7 |
| Part #: | 1280PT/8208.66SQ6 | | (3-sec. gust wind speed) |

| | | | |
|---|---|---|---|
| Pole length, ft | 8.67 | Pole shaft material | 6061-T6 |
| Pole base height AGL, ft. | 0 | Base plate material | 356-T6 |
| Pole shaft shape | SQUARE | Bolt material | F1554 Grade 55 |
| Tip width, in. | 6.00 | Weld electrode yield str. | RE4030 |
| Butt width, in. | 6.00 | Wind velocity, mph | 140 |
| Wall thickness, in. | 0.188 | Exposure category | C |
| Anchor bolt dia., in. | 0.75 | Building classification | II |
| No. of anchor bolts | 4 | Importance factor | 1 |
| Dia. of bolt circle, in. | 14.00 | | |
| Anchor bolt embedment, in. | 17 | | |
| Base plate thickness, in. | 1.00 | | |
| Base plate width, in. | 19 | | |
| Pole/base fillet weld size, in. | 0.25 | | |

| | EPA (sf) | Ht (ft.) | Wt (lb.) | Offset (in.) |
|---|---|---|---|---|
| Top Fixt. + Arm | 2.5 | 10 | 50 | 0 |
| Fixt. 2 + Arm | 0 | 0 | 0 | 0 |

## WIND LOAD ANALYSIS

| Segment | Seg. Area, ft2 | Centroid ht. | Kz | Cf | p, psf | w, lb/in | P, lbs | M, in-k |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.34 | 4.3 | 0.85 | 1.35 | 38.4 | 1.60 | 256.0 | 13.3 |
| Fixture @ tip | 2.5 | 10.0 | 0.85 | 1 | 38.4 | | 109.4 | 13.1 |
| Fixture 2 (if any) | 0 | 0.0 | 0.85 | 1 | 38.4 | | 0.0 | |
| | | | | | | Σ= | 365.4 | 26.4 |

## CODE-SPECIFIC FACTORS

| | | | | | |
|---|---|---|---|---|---|
| Gust Factor (G) | 1.14 | Wind Directionality Factor (Kd) | 0.9 | Topo Factor (Kzt) | 1 |

## MATERIAL & GEOMETRIC PROPERTIES

| | | | |
|---|---|---|---|
| Weld Yield Strength, ksi: | 60 | Pole Yield Strength, ksi: | 35 |
| Bolt Yield Strength, ksi: | 55 | Pole Ultimate Strength, ksi: | 42 |
| Allowable shear stress (Fv), psi | 29,700 | | |
| Fillet weld sect. modulus, in^3 | 17.5 | Plate Yield Strength, ksi: | 24 |
| Shear (Dir.+Tor.) @ butt (fv), psi | 83.6 | Plate Ultimate Strength, ksi: | 33.9 |

## *ANALYSIS RESULTS SUMMARY*

| | | | |
|---|---|---|---|
| Bending stress @ butt (fb), ksi | 3.22 | Combined Stress Ratio | 0.11 |
| Allowble bending stress (Fb), ksi | 28.1 | Bending stress @ butt O.K? | YES |
| Max. bolt tension T, kips | 1.3 | Bolt tension O.K.? | YES |
| Plate stress, ksi | 1.6 | Plate stress O.K.? | YES |
| Max. weld stress, ksi | 1.5 | Max. weld stress O.K.? | YES |

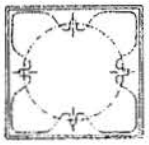
| | |
|---|---|
| Pole design OK? | YES |
| Tip deflection, in. | 0.28 |

CHRIS ARLANDSON, P.E.
FL REG. NO. 63302

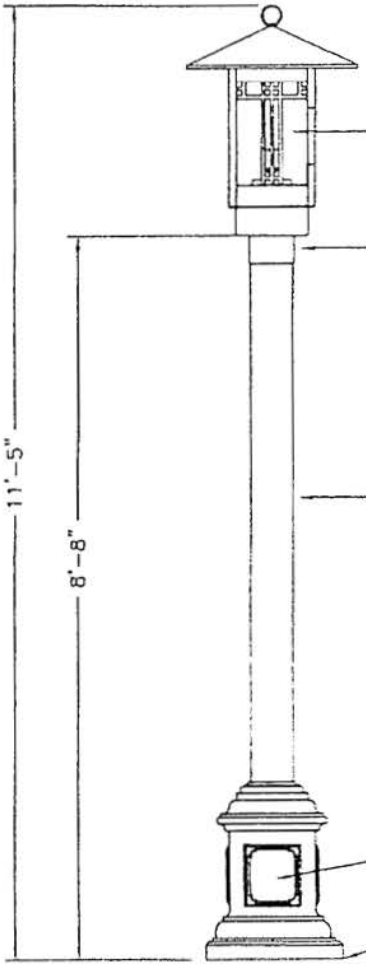
Addendum 3
9/23/2020

FIXTURE EPA: 2.5 SQ FT
POLE EPA: 5.6 SQ FT

STREET



ACCESS DOOR




NIGHTSKY ROOF OPTIC
ADVISE: TYPE 3 OR 5

CLEAR ACRYLIC LENS

FROSTED MISSION CHIMNEY

BALLAST
COMPARTMENT

6" SQUARE STRAIGHT POLE
.188 WALL THICKNESS
6061-T6 STRUCTURAL
GRADE ALUMINUM

POLE WELDED FOR SINGLE
UNIT CONSTRUCTION

ACCESS DOOR

19" SQR BASE, 1" FLOOR THICKNESS
FOUR ANCHOR BOLTS AND ONE GROUND [illegible]

POLE HEIGHTS HAVE A TOLERANCE OF + OR - 2"

6/16/11

DRAWN RB

DRAWING NUMBER SC13898

ROYAL PALM BEACH COMMONS

1280PT / 8208.66SQ6

STERNBERG SINCE 1923

| |
|---|
| SOCKET TYPE<br>MEDIUM |
| WATTAGE<br>100 |
| LIGHT SOURCE<br>MHP |
| VOLTAGE<br>ADVISE |
| FUSE<br>NO FUSING |
| FINISH<br>ADVISE |

Addendum 3
9/23/2020

## USER INPUTS

| | | | |
|---|---|---|---|
| Project Name: | ROYAL PALM BEACH COMMONS | Date: | 6/17/2011 |
| Work Order: | | Design Standard: | 2007 FBC/ASCE 7 |
| Part #: | 2-1280/HCF/8215SQ6 | | (3-sec. gust wind speed) |

| | | | |
|---|---|---|---|
| Pole length, ft | 15 | Pole shaft material | 6061-T6 |
| Pole base height AGL, ft. | 0 | Base plate material | 356-T6 |
| Pole shaft shape | SQUARE | Bolt material | F1554 Grade 55 |
| Tip width, in. | 6.00 | Weld electrode yield str. | RE4030 |
| Butt width, in. | 6.00 | Wind velocity, mph | 140 |
| Wall thickness, in. | 0.188 | Exposure category | C |
| Anchor bolt dia., in. | 0.75 | Building classification | II |
| No. of anchor bolts | 4 | Importance factor | 1 |
| Dia. of bolt circle, in. | 14.00 | | |
| Anchor bolt embedment, in. | 17 | Top Fixt. + Arm | EPA (sf): 6, Ht (ft.): 13, Wt (lb.): 50, Offset (in.): 0 |
| Base plate thickness, in. | 1.00 | Fixt. 2 + Arm | EPA (sf): 0, Ht (ft.): 0, Wt (lb.): 0, Offset (in.): 0 |
| Base plate width, in. | 19 | | |
| Pole/base fillet weld size, in. | 0.25 | | |

## WIND LOAD ANALYSIS

| Segment | Seg. Area, ft2 | Centroid ht. | Kz | Cf | p, psf | w, lb/in | P, lbs | M, in-k |
|---|---|---|---|---|---|---|---|---|
| 1 | 5.00 | 5.0 | 0.85 | 1.44 | 38.4 | 1.60 | 314.2 | 18.9 |
| 2 | 2.50 | 12.5 | 0.85 | 1.32 | 38.4 | 1.60 | 144.8 | 21.7 |
| Fixture @ tip | 6 | 13.0 | 0.85 | 1 | 38.4 | | 262.6 | 41.0 |
| Fixture 2 (if any) | 0 | 0.0 | 0.85 | 1 | 38.4 | | 0.0 | 0.0 |
| | | | | | | Σ= | 721.5 | 81.5 |

## CODE-SPECIFIC FACTORS

| | | | | | |
|---|---|---|---|---|---|
| Gust Factor (G) | 1.14 | Wind Directionality Factor (Kd) | 0.9 | Topo Factor (Kzt) | 1 |

## MATERIAL & GEOMETRIC PROPERTIES

| | | | |
|---|---|---|---|
| Weld Yield Strength, ksi: | 60 | Pole Yield Strength, ksi: | 35 |
| Bolt Yield Strength, ksi: | 55 | Pole Ultimate Strength, ksi: | 42 |
| Allowable shear stress (Fv), psi | 29,700 | | |
| Fillet weld sect. modulus, in^3 | 17.5 | Plate Yield Strength, ksi: | 24 |
| Shear (Dir.+Tor.) @ butt (fv), psi | 165.1 | Plate Ultimate Strength, ksi: | 33.9 |

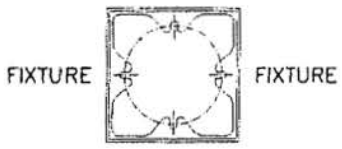
## *ANALYSIS RESULTS SUMMARY*

| | | | |
|---|---|---|---|
| Bending stress @ butt (fb), ksi | 9.93 | Combined Stress Ratio | 0.35 |
| Allowble bending stress (Fb), ksi | 28.1 | Bending stress @ butt O.K? | YES |
| Max. bolt tension T, kips | 4.1 | Bolt tension O.K.? | YES |
| Plate stress, ksi | 5.0 | Plate stress O.K.? | YES |
| Max. weld stress, ksi | 4.7 | Max. weld stress O.K.? | YES |
| | | Pole design OK? | YES |
| | | Tip deflection, in. | 3.52 |

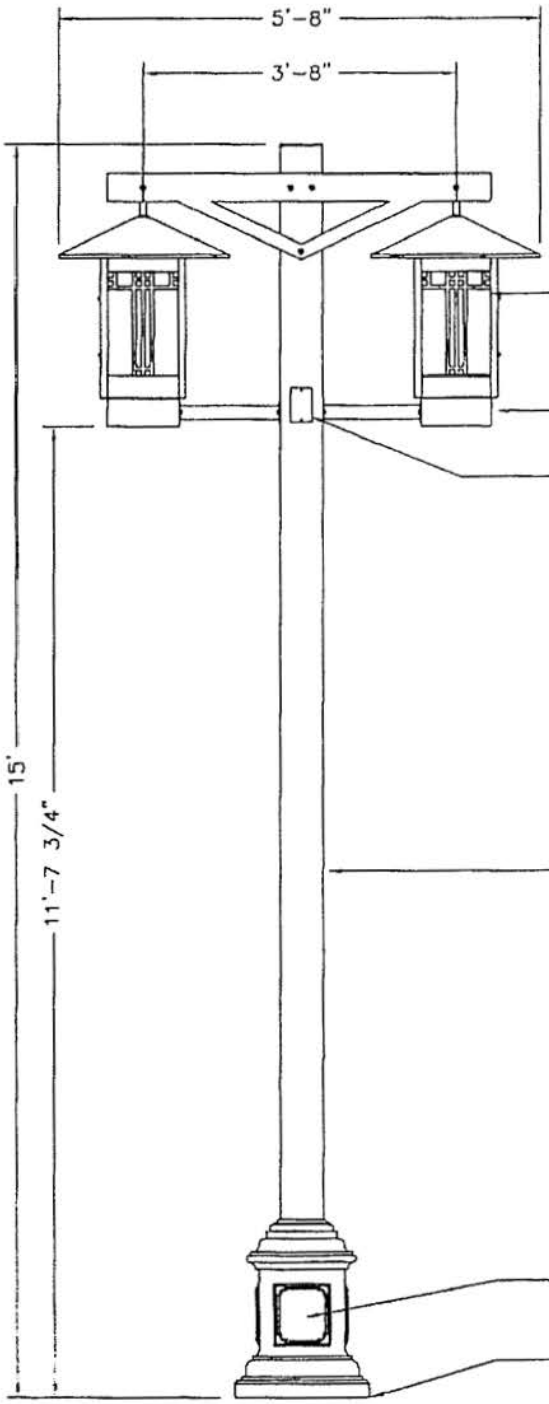
CHRIS ARLANDSON, P.E.
FL REG. NO. 63302

Addendum 3
9/23/2020

FIXTURE EPA: 2.5 SQ FT / FIXTURE
POLE AND ARM EPA: 10.65 SQ FT




ACCESS DOOR




NIGHTSKY ROOF OPTIC
ADVISE: TYPE 3 OR 5

CLEAR ACRYLIC LENS

FROSTED MISSION CHIMNEY

BALLAST
COMPARTMENT

HAND HOLE WITH
COVER FOR WIRING

6" SQUARE STRAIGHT POLE
.188 WALL THICKNESS
6061-T6 STRUCTURAL
GRADE ALUMINUM

POLE WELDED FOR SINGLE
UNIT CONSTRUCTION

ACCESS DOOR

19" SQR BASE, 1" FLOOR THICKNESS
FOUR ANCHOR BOLTS AND ONE GROUND LUG

| | |
|---|---|
| POLE HEIGHTS HAVE A TOLERANCE OF + OR - 2" | 6/16/11 |
| DRAWN RB | DRAWING NUMBER SC13899 |

ROYAL PALM BEACH COMMONS

2-1280 / HCF / 8215SQ6

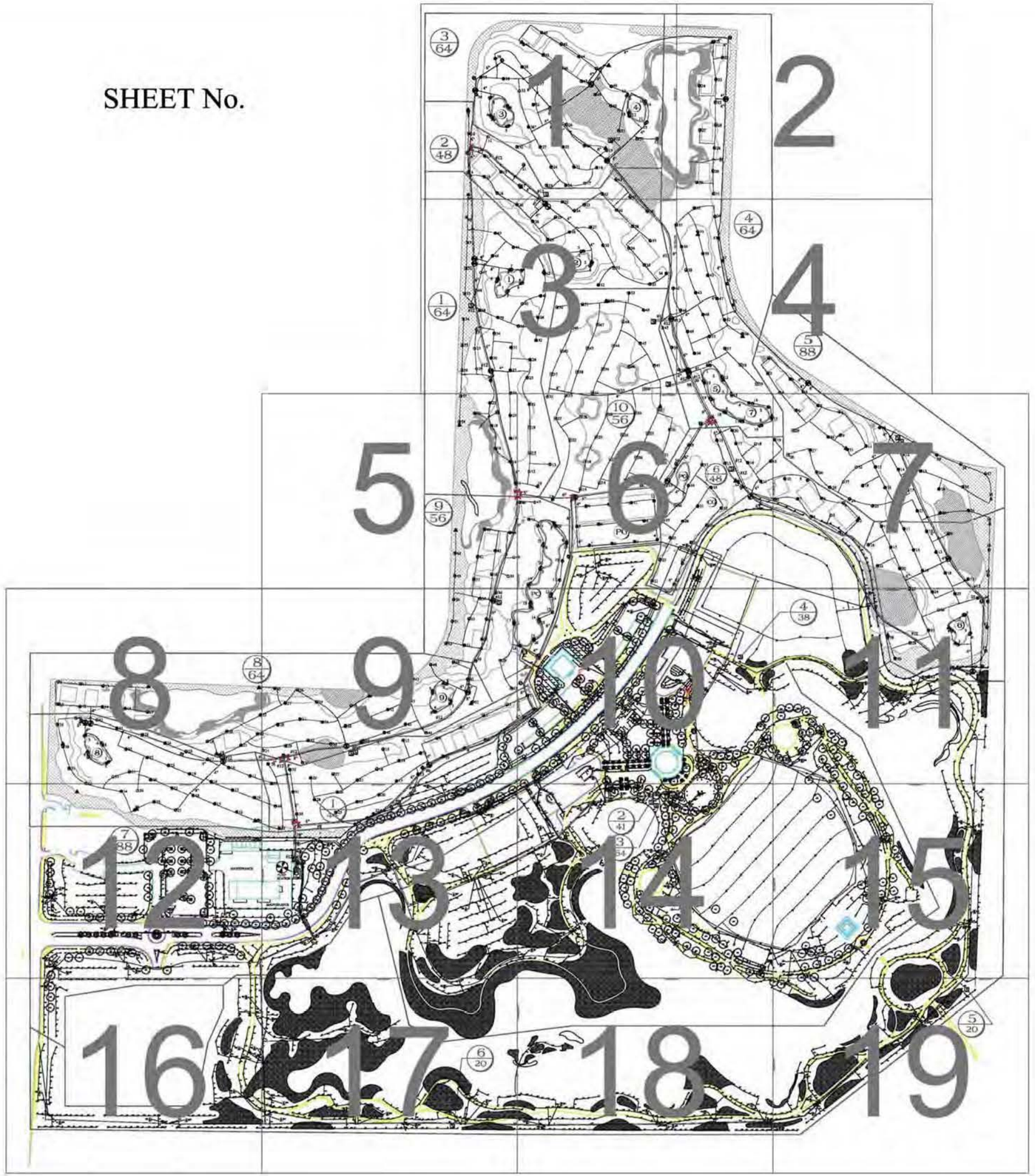
STERNBERG SINCE 1923

| | |
|---|---|
| SOCKET TYPE | MEDIUM |
| WATTAGE | 150 |
| LIGHT SOURCE | MHP |
| VOLTAGE | ADVISE |
| FUSE | NO FUSING |
| FINISH | ADVISE |

Addendum 3
9/23/2020

Addendum 3
9/23/2020

SHEET No.




## LEGEND

VALVE - IN - HEAD SPRINKLERS TOTAL

- Toro DT54-57 Sprinkler, 85' Spacing @ 80 psi
- Toro DT55-58 Sprinkler, 85' Spacing @ 80 psi
- Toro DT54-55 Sprinkler, 75' Spacing @ 80 psi
- Toro DT55-55 Sprinkler, 75' Spacing @ 80 psi
- Toro DT54-53 Sprinkler, 65' Spacing @ 80 psi
- Toro DT55-53 Sprinkler, 65' Spacing @ 80 psi
- Toro DT54-51 Sprinkler, 35-55' Spacing @ 80 psi
- Toro DT55-51 Sprinkler, 35-55' Spacing @ 80 psi

VALVES

- Leemco LMV Mainline Gate Valve Bell x Bell
- Quick Coupling Valve
- 2" C. I. Drain Valve
- 2" Air Relief Valve Assy.
- Leemco Lateral 90 Valve Assy.

LATERAL PIPE

- 2-1/2" CL200 PVC Gasketed Pipe "All Unmarked Lateral Pipe is 2-1/2"

MAINLINE PIPE

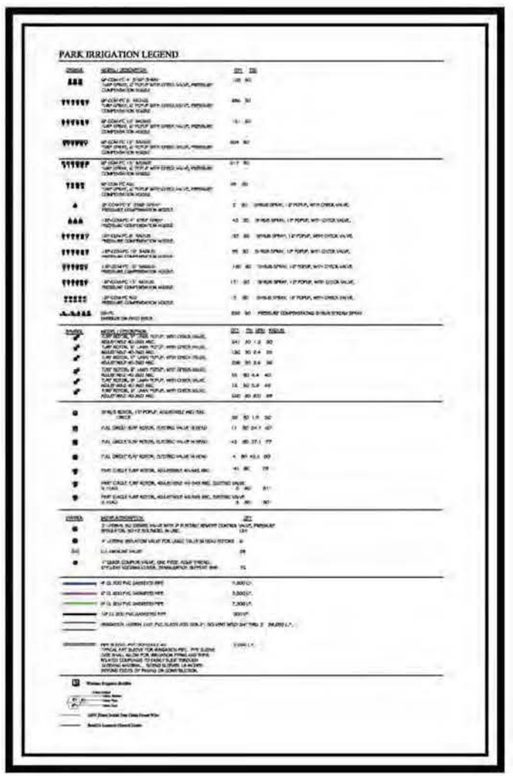
- 4" CL200 PVC Gasketed Pipe
- 6" CL200 PVC Gasketed Pipe
- 8" CL200 PVC Gasketed Pipe
- 10" CL200 PVC Gasketed Pipe

8/48 — Zone Number / Stations

- Pump Station
- Power Source
- Weather Station w/Wireless
- 9 — Hole Number
- Wireless Satellite Locations
- Pipe Jumps
- Spare Wire

SATELLITE CONTROL

- 240V Direct Burial Trey Cable Power Wire
- Satellite Location Control Limits




SCALE
N.T.S.

NORTH

ROYAL PALM BEACH COMMONS
ROYAL PALM BEACH, FLORIDA
IRRIGATION AS-BUILT

| | |
|---|---|
| DATE - 01.23.13 | |
| DESIGN BY - QGS | |
| DRAWN BY - QGS | |
| FILE NAME QGS_RPBC_FINAL-AS-BUILT-012313.dwg | |
| PROJECT NO. 000-00 | |
| REVISION | DATE |
| " | 00.00.00 |
| " | 00.00.00 |

SHEET
KEY

Addendum 3
9/23/2020

SCALE
1" = 30'

NORTH

# ROYAL PALM BEACH COMMONS
ROYAL PALM BEACH, FLORIDA
# IRRIGATION AS-BUILT

| | |
|---|---|
| DATE - 01.23.13 | |
| DESIGN BY - QGS | |
| DRAWN BY - QGS | |
| FILE NAME | |
| PROJECT NO. 000-00 | |

| REVISION | DATE |
|---|---|
| " | 00.00.00 |
| " | 00.00.00 |

SHEET
6

MATCHLINE

Addendum 3
9/23/2020

SCALE
1" = 30'

NORTH

# ROYAL PALM BEACH COMMONS

ROYAL PALM BEACH, FLORIDA

# IRRIGATION AS-BUILT

| | |
|---|---|
| DATE - 01.23.13 | |
| DESIGN BY - QGS | |
| DRAWN BY - QGS | |
| FILE NAME | |
| PROJECT NO. 000-00 | |
| REVISION | DATE |
| " | 00.00.00 |
| " | 00.00.00 |

SHEET
7

Addendum 3
9/23/2020

SCALE
1" = 30'

NORTH

# ROYAL PALM BEACH COMMONS

ROYAL PALM BEACH, FLORIDA

# IRRIGATION AS-BUILT

| | |
|---|---|
| DATE - 01.23.13 | |
| DESIGN BY - QGS | |
| DRAWN BY - QGS | |
| FILE NAME | |
| PROJECT NO. 000-00 | |
| REVISION | DATE |
| " | 00.00.00 |
| " | 00.00.00 |

SHEET
10

Addendum 3
9/23/2020

MATCHLINE

#12

MATCHLINE

MATCHLINE

SCALE
1" = 30'
0' 15' 30' 60'
1 inch = 30ft.
NORTH

# ROYAL PALM BEACH COMMONS

ROYAL PALM BEACH, FLORIDA

## IRRIGATION AS-BUILT

| | |
|---|---|
| DATE - 01.23.13 | |
| DESIGN BY - QGS | |
| DRAWN BY - QGS | |
| FILE NAME | |
| PROJECT NO. 000-00 | |
| REVISION | DATE |
| " | 00.00.00 |
| " | 00.00.00 |

SHEET
11

Addendum 3
9/23/2020

MATCHLINE

MAINTENANCE

PUMP STATION

PS

SCALE
1" = 30'

NORTH

# ROYAL PALM BEACH COMMONS

ROYAL PALM BEACH, FLORIDA

## IRRIGATION AS-BUILT

| | |
|---|---|
| DATE - 01.23.13 | |
| DESIGN BY - QGS | |
| DRAWN BY - QGS | |
| FILE NAME | |
| PROJECT NO. 000-00 | |
| REVISION | DATE |
| " | 00.00.00 |
| " | 00.00.00 |

SHEET
13

Addendum 3
9/23/2020

MATCHLINE

MATCHLINE

MATCHLINE

MATCHLINE

2
41

3
64

SCALE
1" = 30'

0' 15' 30' 60'
1 inch = 30ft.

NORTH

# ROYAL PALM BEACH COMMONS

ROYAL PALM BEACH, FLORIDA

## IRRIGATION AS-BUILT

| | |
|---|---|
| DATE - 01.23.13 | |
| DESIGN BY - QGS | |
| DRAWN BY - QGS | |
| FILE NAME | |
| PROJECT NO. 000-00 | |
| REVISION | DATE |
| " | 00.00.00 |
| " | 00.00.00 |

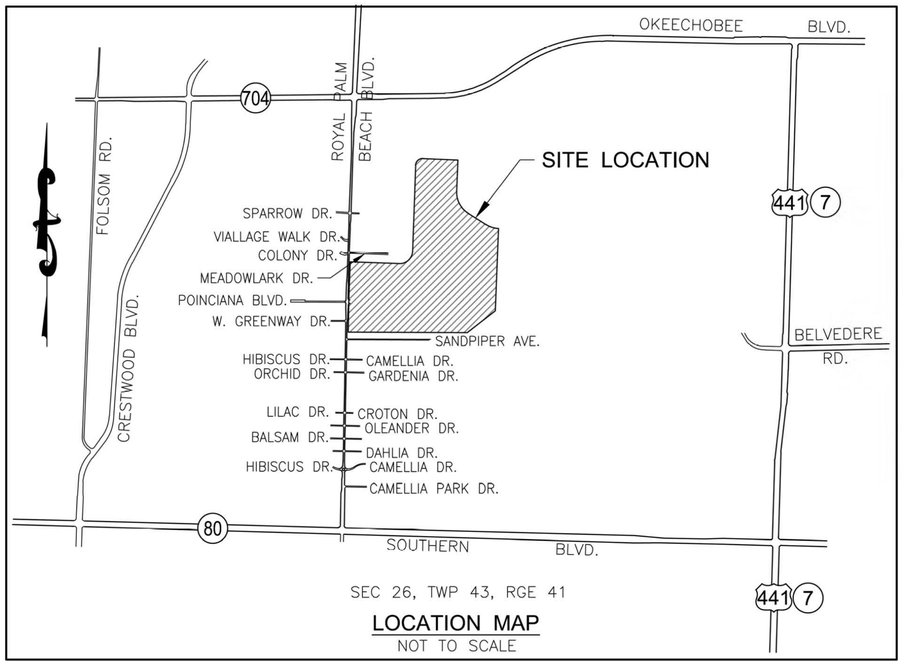
SHEET
14

Addendum 3
9/23/2020

# VILLAGE OF ROYAL PALM BEACH
# COMMONS PARK UPGRADES

## ENGINEERING PLANS

| | |
|---|---|
| Fred Pinto | Mayor |
| Jeff Hmara | Vice Mayor |
| Selena Samios | Councilwoman |
| Jan Rodusky | Councilwoman |
| Richard Valuntas | Councilman |




LOCATION MAP
NOT TO SCALE

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1959

### INDEX OF DRAWINGS


| DRAWING | DRAWING TITLE |
|---|---|
| C-01 | COVER SHEET |
| C-02 | LEGEND AND ABBREVIATIONS |
| C-03 | GENERAL NOTES |
| C-04 | OVERALL PLAN |
| C-05 | STORM WATER POLLUTION PREVENTION PLAN AND NOTES |
| C-06 | PARKING LOT PLAN - SOUTHWEST |
| C-07 | PARKING LOT PLAN - NORTH EAST |
| C-08 THRU C-10 | TRAIL IMPROVEMENTS PLANS |
| C-11 | GRADING AND DRAINAGE PLANS - SW PARKING LOT |
| C-12 | GRADING AND DRAINAGE PLANS - NE PARKING LOT (PART 1 - PAVEMENT) |
| C-13 | GRADING AND DRAINAGE PLANS - NE PARKING LOT (PART 2 - GRASS) ⚠1 |
| C-14 THRU C-20 | DETAILS |
| C-21 THRU C-22 | GEOMETRY TABLES |


### GOVERNING STANDARDS AND SPECIFICATIONS:

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS DATED FY 2020-21 AND STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION DATED JULY 2020, AS AMENDED BY CONTRACT DOCUMENTS.

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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60320.00

ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FLORIDA 33411
TEL: 561-753-2023 FAX: 561-753-9724
EB-25912 LB-7334

VILLAGE OF ROYAL PALM
COMMONS PARK UPGARDES

COVER SHEET

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-01

Sheet ___ of ___

Addendum 3
9/23/2020

## LEGEND

| EXISTING | PROPOSED | DESCRIPTION |
|---|---|---|
| | | BENCHMARK |
| E | | ELECTRICAL OUTLET |
| | | FIRE HYDRANT |
| | | FLOOD LIGHT |
| | | STREET LIGHT / POLE |
| | | MAILBOX(S) |
| | | METER (ELECTRIC) |
| | | MANHOLE (SANITARY SEWER) |
| WM12 | | METER (WATER) |
| | | UTILITY POLE |
| | | SINGLE SUPPORT SIGN |
| | | TURN ARROW |
| E | | TRANSFORMER |
| | | VALVE COVER (WATER) |
| | | VALVE (BACKFLOW PREVENTER) |
| | | VALVE (WATER) |
| | | WIRING PULL BOX |
| | | CLEAN OUT |
| | | CATCH BASIN |
| | | YARD DRAIN |
| | | FOC POST |
| | | |
| | | |
| | | |

## FEATURES

| LINE STYLES | DESCRIPTION |
|---|---|
| E E | EXISTING BURIED ELECTRIC |
| TV TV | EXISTING BURIED CABLE TV |
| T T | EXISTING BURIED TELEPHONE |
| | EXISTING BURIED LIGHTING CONDUIT |
| BFO BFO | EXISTING BURIED FIBER OPTIC |
| OHW OHW | POWER LINES (AERIAL) |
| | PROPERTY LINE |
| | RIGHT-OF-WAY LINE |
| 30" RCP D D | EXISTING STORM INLET AND STORM SEWER PIPE |
| 12" WM W W | EXISTING FIRE HYDRANT AND WATER MAIN |
| LAT 8" SAN S S | EXISTING SANITARY MANHOLE, SANITARY PIPE AND LATERAL |
| 12" HDPE S-01 18" HDPE | NEW STORM SEWER PIPE, YARD DRAIN, AND INLET (STRUCTURE NUMBER) |
| | NEW DITCH OR SWALE |
| ASPHALT CONCRETE FLUME | NEW CONCRETE FLUME |

## ABBREVIATIONS AND ACRONYMS:

| | |
|---|---|
| AASHTO | AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE |
| API | AMERICAN PETROLEUM INSTITUTE |
| APPROX | APPROXIMATELY |
| ASB | ASBUILT |
| BFP | BACKFLOW PREVENTER |
| BLDG | BUILDING |
| BLVD | BOULEVARD |
| BOP | BOTTOM OF PIPE |
| BOT | BOTTOM |
| BV | BUTTERFLY VALVE |
| C/L | CENTER LINE |
| CJ | CONSTRUCTION JOINT |
| CLF | CHAIN LINK FENCE |
| CONC | CONCRETE |
| CONST | CONSTRUCTION |
| CONT | CONTINUOUS |
| CORP | CORPORATION |
| CRN | CROWN |
| CTRS | CENTERS |
| CY | CUBIC YARDS |
| DBI | DITCH BOTTOM INLET |
| DBL | DOUBLE |
| DHW | DESIGN HIGH WATER |
| DIA | DIAMETER |
| DIP | DUCTILE IRON PIPE |
| DR | DRIVE |
| DWG | DRAWING |
| EA | EACH |
| ELEC | ELECTRIC |
| ELEV | ELEVATION |
| EOP | EDGE OF PAVEMENT |
| EQ | EQUAL |
| EXIST | EXISTING |
| EQ SP | EQUALLY SPACED |
| ETC | ET CETERA |
| FDOT | FLORIDA DEPARTMENT OF TRANSPORTATION |
| FM | FORCE MAIN |
| FOC | FIBER OPTIC CABLE |
| FT | FEET OR FOOT |
| GALV | GALVANIZED |
| GV | GATE VALVE |
| H/C | HANDICAPPED |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HORIZ | HORIZONTAL |
| H.P. | HIGH POINT |
| ID | INSIDE DIAMETER |
| INT | INTERSECTION |
| INV | INVERT |
| L | LENGTH |
| LAT | LATERAL |
| LF | LINEAR FEET |
| LP | LIQUID PETROLEUM |
| LWDD | LAKE WORTH DRAINAGE DISTRICT |
| MAX | MAXIMUM |
| MFGR | MANUFACTURER |
| MH | MANHOLE |
| MIN | MINIMUM |
| NAVD | NORTH AMERICAN VERTICAL DATUM |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| NGVD | NATIONAL GEODETIC VERTICAL DATUM 1929 |
| NO. | NUMBER |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| P/L | PROPERTY LINE |
| PB | PLAT BOOK |
| PBC | PALM BEACH COUNTY |
| PBCWUD | PALM BEACH COUNTY WATER UTILITIES DEPARTMENT |
| PC | POINT OF CURVE |
| PCC | POINT OF COMPOUND CURVE |
| PRC | POINT OF REVERSE CURVE |
| PCF | POUNDS PER CUBIC FOOT |
| PG | PAGE |
| PNT | POINT |
| POC | POINT ON CURVE |
| PROP | PROPOSED |
| PT | POINT OF TANGENCY |
| PVC | POLYVINYL CHLORIDE |
| R | RADIUS |
| RBOC | REMOVED BY OTHER CONTRACT |
| RPB | ROYAL PALM BEACH |
| R/W | RIGHT OF WAY |
| RCP | REINFORCED CONCRETE PIPE |
| REQD | REQUIRED |
| RP BFP | REDUCED PRESSURE BACKFLOW PREVENTER |
| SAN | SANITARY |
| SCH | SCHEDULE |
| SECT | SECTIONAL |
| SEP | SEPARATION |
| SF | SQUARE FEET |
| S.F.W.M.D. | SOUTH FLORIDA WATER MANAGEMENT DISTRICT |
| SP | SAMPLE POINT |
| SPECS | SPECIFICATIONS |
| STD | STANDARD |
| STRM | STORM |
| STRUCT | STRUCTURE |
| SW | SIDEWALK |
| SWPPP | STORM WATER PREVENTION PLAN |
| TEL | TELEPHONE |
| T.G. | TOP OF GRATE |
| TOC | TOP OF CONCRETE |
| T.O.P. | TOP OF PIPE |
| TYP | TYPICAL |
| UE | UTILITY EASEMENT |
| VERT | VERTICAL |
| WTR | WATER |
| W | WEST |
| W/ | WITH |
| WM | WATER MAIN |
| WS | WATER SERVICE |
| WUD | WATER UTILITIES DEPARTMENT |

The Village of ROYAL PALM BEACH FLORIDA
Incorporated 1968

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

LEGEND AND ABBREVIATIONS

DANA I GILLETTE
FL PE 41913

RPB #

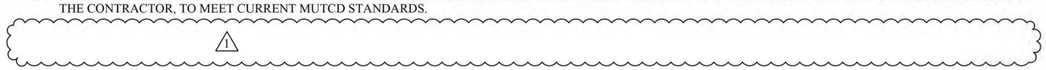
Sheet Reference Number
C-02

Sheet ___ of ___

Addendum 3
9/23/2020

## GENERAL NOTES

1. REFERENCE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS, STEPS, TRANSFORMER PADS, AND MOWING STRIPS, ETC.
2. ALL UTILITIES (ELECTRICITY, WATER, ETC.) USED IN CONJUNCTION WITH THE CONSTRUCTION, DUST CONTROL, TESTING, FLUSHING, ETC., OF THE PROJECT SHALL BE FURNISHED BY THE CONTRACTOR OR PURCHASED FROM THE UTILITY COMPANY AT THE CURRENT UNIT CHARGE OF WATER. SHOULD UTILITIES BE REQUIRED, THE CONTRACTOR SHALL HAVE A TEMPORARY SERVICE METER INSTALLED FOR ALL CONSTRUCTION SERVICES. DESIGN, PERMITTING, AND COORDINATION OF THE CONSTRUCTION UTILITIES SERVICES AND METERS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
3. THE CONTRACTOR SHALL FURNISH A SUITABLE AREA FOR FIELD OFFICES, MATERIAL STORAGE AND EQUIPMENT SERVICE AND STORAGE AS NECESSARY. THE CONTRACTOR SHALL MAINTAIN THESE AREAS IN A CLEAN, ORDERLY CONDITION SO AS NOT TO CAUSE A NUISANCE IN THE AREA AND SHALL BE IN ACCORDANCE WITH THE MOBILIZATION REQUIREMENTS OF THE CONTRACT DOCUMENTS.
4. PROJECT CONSTRUCTION SIGNAGE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES AND OTHER FACILITIES THAT SHALL REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.
6. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL BARRICADES, WARNING SIGNS, MARKINGS, ETC. FOR HAZARDS AND THE CONTROL OF TRAFFIC, IN CONFORMANCE WITH LATEST EDITION OF FDOT STANDARDS, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, OR AS DIRECTED BY FDOT, COUNTY OR CITY; WHERE THE WORK CAUSES OBSTRUCTION TO THE NORMAL TRAFFIC OR CONSTITUTES IN ANY WAY A HAZARD TO THE PUBLIC PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR REVIEW AND APPROVAL BY THE OWNER AND ENGINEER OF RECORD.
7. GUARANTY - ALL MATERIAL AND EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR UNDER THIS CONTRACT SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE THEREOF, AGAINST DEFECTIVE MATERIALS, DESIGN AND WORKMANSHIP. UPON RECEIPT OF NOTICE FROM THE OWNER OF FAILURE OF ANY PART OF THE GUARANTEED EQUIPMENT OR MATERIALS DURING THE GUARANTY PERIOD, THE AFFECTED PART, PARTS, OR MATERIALS SHALL BE REPLACED PROMPTLY WITH NEW PARTS OR MATERIALS BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER. IN THE EVENT THE CONTRACTOR FAILS TO MAKE THE NECESSARY REPLACEMENT OR REPAIRS WITHIN SEVEN (7) DAYS AFTER NOTIFICATION BY THE OWNER, THE OWNER MAY ACCOMPLISH THE WORK AT THE EXPENSE OF THE CONTRACTOR.
8. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE OWNER, ENGINEER, VILLAGE ENGINEER, AND THE UTILITY DEPARTMENT, FIVE COPIES OF SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS FOR THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION WILL RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE. ALL SHOP DRAWINGS ARE TO BE REVIEWED AND APPROVED BY THE CONTRACTOR AND ENGINEER OF RECORD PRIOR TO SUBMITTAL TO VILLAGE OF ROYAL PALM BEACH ENGINEERING DEPARTMENT.
9. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH ALL LOCAL STANDARDS AND ALL PERMIT CONDITIONS AND REQUIREMENTS. CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FOR ALL CONSTRUCTION ACTIVITIES. IT IS THE CONTRACTOR RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTION.
10. THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD INDEXES, AND VILLAGE OF ROYAL PALM BEACH CODE SHALL APPLY AS WELL AS ALL OTHER APPLICABLE REGULATIONS.
11. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ANY AND ALL NOISE ORDINANCES IN EFFECT DURING THE LENGTH OF THIS PROJECT.
12. THE LOCATION OF THE EXISTING DRAINAGE AND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF EXISTING FACILITIES WHETHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" FACILITIES (NOT SHOWN ON THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE CONFLICTS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF RECORD AND NOTIFY THE RESPECTIVE UTILITY OWNERS TO RESOLVE CONFLICTS AND UTILITY ADJUSTMENTS, AS REQUIRED.
13. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE PLANS, CONFIRMING MEASUREMENTS IN THE FIELD, AND INFORMING THE ENGINEER OF RECORD OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
14. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.
15. UTILITY LOCATIONS SHALL BE DETERMINED BY CALLING SUNSHINE STATE ONE CALL CENTER AND THE SPECIFIC UTILITY COMPANY 48 HOURS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT SUNSHINE (1-800-432-4770) TO LOCATE EXISTING UNDERGROUND UTILITIES.
16. THE CONTRACTOR IS TO USE EXTREME CAUTION WHEN WORKING IN OR AROUND OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES. CONTRACTOR MUST NOTIFY VILLAGE OF ROYAL PALM BEACH ENGINEERING DEPARTMENT A MINIMUM OF 72 HOURS IN ADVANCE OF ANY WORK IN THE VICINITY OF UNDERGROUND UTILITIES.
17. ANY UNANTICIPATED CONDITIONS ENCOUNTERED DURING THE CONSTRUCTION PROCESS SHALL BE IDENTIFIED TO THE ENGINEER OF RECORD IMMEDIATELY.
18. SITE LIGHTING AND LANDSCAPING MUST NOT CONFLICT WITH UNDERGROUND STORM SEWER, POTABLE WATER, OR SANITARY SEWER LINES AND MAY NOT BE WITHIN THE UTILITY EASEMENTS. SHOULD CONFLICTS OCCUR, BRING THEM TO THE ATTENTION OF THE ENGINEER OF RECORD FOR COORDINATION.
19. PEDESTRIAN AND VEHICULAR TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TEMPORARY RAMPS, BARRICADES AND/OR TEMPORARY RAILING WHERE REQUIRED. THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF PEDESTRIAN AND/OR VEHICULAR TRAFFIC PLAN SIGNED AND SEALED BY A FLORIDA PROFESSIONAL ENGINEER TO THE OWNER, ENGINEER OF RECORD AND VILLAGE OF ROYAL PALM BEACH ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. FOLDING BARRICADES AND/OR ORANGE VINYL FENCING NOT PERMITTED FOR PEDESTRIAN OR VEHICULAR TRAFFIC CONTROL.
20. CONTRACTOR SHALL NOT ENCROACH ONTO OR ACCESS PRIVATE PROPERTY WITHOUT PRIOR WRITTEN APPROVAL FROM THE AFFECTED PROPERTY OWNER.
21. CONTRACTOR SHALL COORDINATE CONSTRUCTION EFFORTS WITH ADJACENT PROPERTY OWNERS AND IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING FACILITIES DURING CONSTRUCTION AT NO EXTRA COST TO THE OWNER.
22. ALL PAVEMENT, PAVEMENT BASE, CURBING, STORMWATER SYSTEMS, WATER SYSTEMS AND SANITARY SEWER SYSTEMS THAT ARE TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF OFF-SITE BY THE SITE CONTRACTOR, UNLESS OTHERWISE DIRECTED BY THE OWNER.
23. CONTRACTOR SHALL COORDINATE WITH ALL THE UTILITY COMPANIES FOR ALL UTILITIES THAT REQUIRE REMOVAL, RELOCATION OR PROTECTION. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS AND PERMITS AT THE CONSTRUCTION SITE.
24. CARE SHALL BE TAKEN AROUND THE AREA OF EXISTING VEGETATION AND FACILITIES TO REMAIN. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING THE CONSTRUCTION EFFORT.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEBRIS AND SOIL NOT ACCEPTABLE TO THE OWNER, ENGINEER OF RECORD OR VILLAGE OF ROYAL PALM BEACH ENGINEERING DEPARTMENT.
26. BORROW OR SPOIL IS THE SITE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR IS TO USE THE SOIL ON SITE OR REMOVE IT FROM THE SITE.
27. ANY FILL USED TO INCREASE THE ELEVATION OF THE FLOOR SLAB OR ANY FILL TO BE USED AS BACKFILL, SHALL BE CLEAN, GRANULAR MATERIAL AND SHALL BE PLACED IN CONFORMANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL ENGINEERING REPORT.
28. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE APPLICABLE TESTING WITH THE GEOTECHNICAL ENGINEER AND SUBMITTING THE RESULTS TO THE OWNER, ENGINEER OF RECORD AND VILLAGE OF ROYAL PALM BEACH ENGINEERING DEPARTMENT. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS AND THE VARIOUS AGENCIES, SHOULD ANY RETESTING BE REQUIRED DUE TO FAILURE OF ANY TESTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.
29. GRADES, DIMENSIONS AND OFFSETS REFER TO FINISH EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN AND NOTED. GRADES SHOWN ARE FINISHED GRADES UNLESS OTHERWISE NOTED.
30. WHEN EXISTING TRENCH BOTTOM HAS A DENSITY LESS THAN 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180, THE CONTRACTOR SHALL COMPACT TO 95% OF MAXIMUM DENSITY. FILL OR UNDISTURBED SOIL FROM THE BOTTOM OF THE PIPE TRENCH TO GRADE SHALL BE DENSIFIED TO A MINIMUM DENSITY OF 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180.
31. COMPACTION TESTS SHALL BE TAKEN FOR EACH 12 INCH LAYER OF FILL FOR EACH 300 FEET OF PIPE AND FOR EVERY 100 SQUARE FEET OF BACKFILL AROUND STRUCTURES, THE OWNER AND/OR VILLAGE OF ROYAL PALM BEACH ENGINEERING DEPARTMENT MAY DETERMINE MORE COMPACTION TESTS ARE REQUIRED, DEPENDING UPON FIELD CONDITIONS. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS ASSOCIATED WITH RETESTING OF SOILS.
32. BACKFILL MATERIAL SHALL BE SOLIDLY TAMPED AROUND PIPES IN 6" LAYERS UP TO A LEVEL OF AT LEAST ONE FOOT ABOVE THE TOP OF THE PIPE. IN AREAS TO BE PAVED, BACKFILL SHALL BE COMPACTED TO THE 100% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
33. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH ALL TRENCH AND WORKPLACE SAFETY REQUIREMENTS, INCLUDING OSHA REQUIREMENTS.
34. AS-BUILT DRAWINGS SHALL BE PREPARED BY AND CERTIFIED BY A REGISTERED SURVEYOR, AND SHALL BE PROVIDED TO THE ENGINEER OF RECORD UPON COMPLETION OF THE PROJECT SITE IMPROVEMENTS. AS-BUILT DRAWINGS SHALL REFLECT ANY CHANGES TO THE IMPROVEMENTS MADE DURING CONSTRUCTION. BOTH THE ORIGINAL DESIGN AND REVISED AS-BUILT DATA, AS APPLICABLE, MUST BE CLEARLY SHOWN. THE AS-BUILT DRAWINGS MUST BE CLEARLY LABELED AS AS-BUILT RECORD DRAWING. SITE CONTRACTOR SHALL SUPPLY AS-BUILT PLANS TO THE SATISFACTION OF THE REGULATORY AGENCIES, VILLAGE OF ROYAL PALM BEACH, SOUTH FLORIDA WATER MANAGEMENT DISTRICT, ETC.).
35. EXISTING PAVEMENT AREAS TO REMAIN UNDISTURBED SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL SUBMIT A PLAN FOR PROTECTION OF EXISTING ITEMS TOGETHER WITH THE MAINTENANCE OF TRAFFIC PLAN TO THE VILLAGE OF ROYAL PALM ENGINEERING DEPARTMENT FOR REVIEW AND APPROVAL.
36. CONTRACTOR TO MATCH EXISTING GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED.
37. ALL STRIPED OR CURBED RADII SHALL BE 5' UNLESS OTHERWISE NOTED.
38. STRIPING IS TO BE THERMOPLASTIC ON ASPHALT, DURABLE TRAFFIC PAINT ON CONCRETE.
39. ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS AND LOCAL STANDARDS.
40. ALL HANDICAP ACCESSIBLE ROUTES INCLUDING SIGNS AND STRIPING, SHALL BE IN ACCORDANCE WITH THE AMERICAN WITH DISABILITY ACT (ADA) REQUIREMENTS AND STATE CODE.
41. HANDICAP RAMPS SHALL COMPLY WITH LATEST EDITION OF FDOT STANDARD INDEX 304, INCLUDING DETECTABLE WARNING DEVICES.
42. ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED OR REPLACED IF DAMAGED IN ANY WAY WHERE APPLICABLE BY THE CONTRACTOR, TO MEET CURRENT MUTCD STANDARDS.




The Village of ROYAL PALM BEACH FLORIDA INCORPORATED 1996

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

GENERAL NOTES

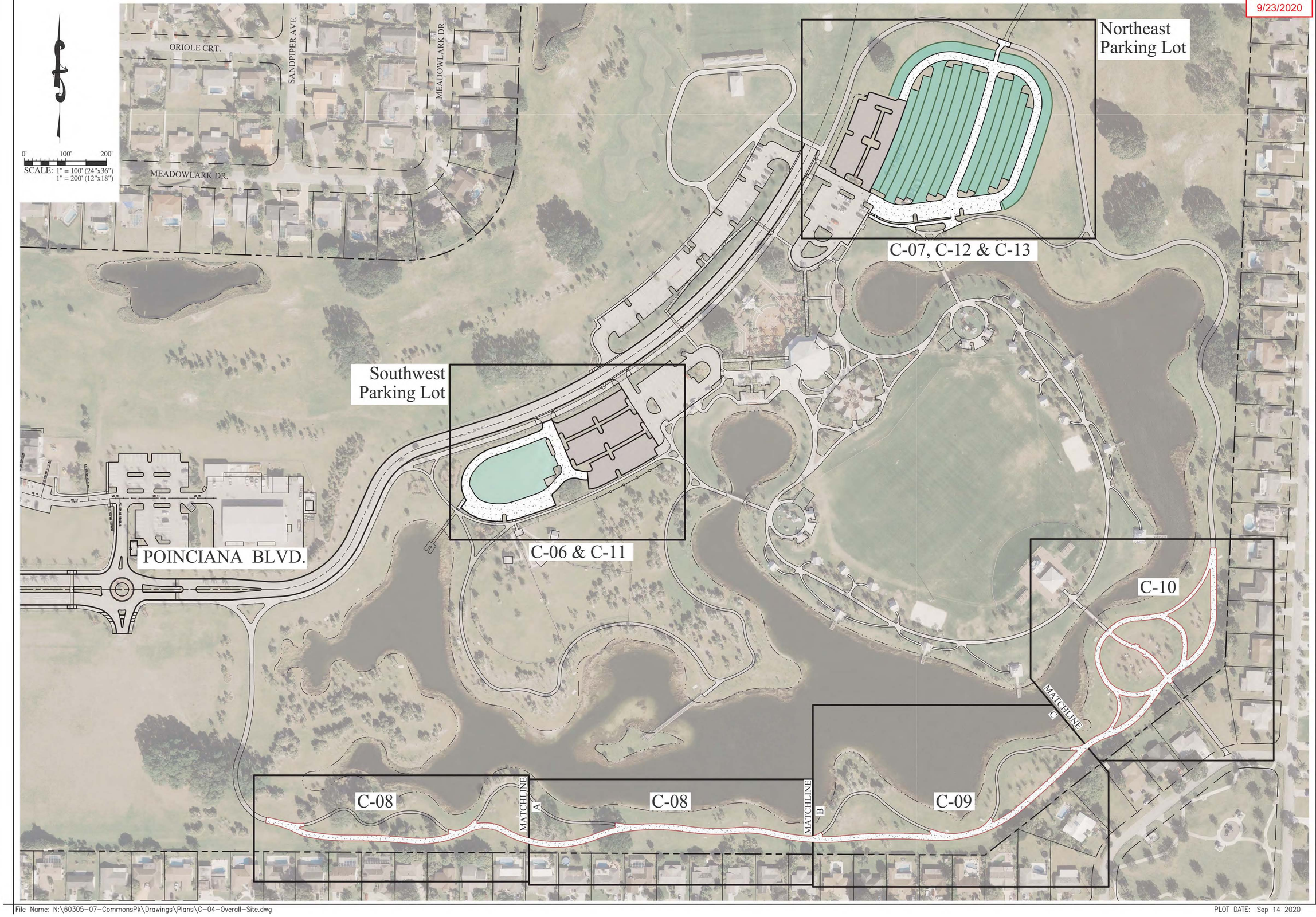
DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-03

Sheet ___ of ___

Addendum 3
9/23/2020




The Village of ROYAL PALM BEACH FLORIDA

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

OVERALL PLAN

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-04

Sheet ___ of ___

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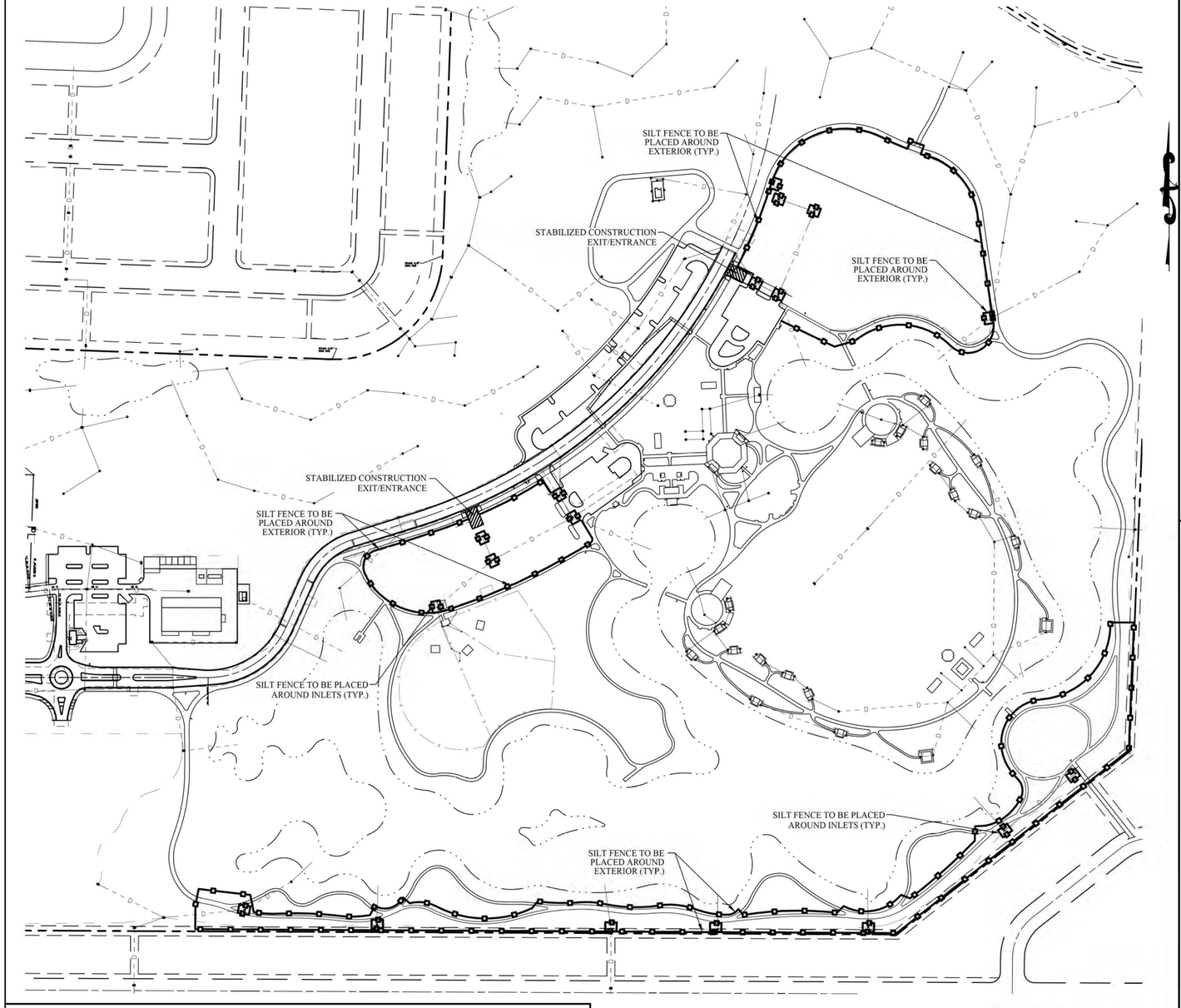
PLOT DATE: Sep 14 2020

Addendum 3
9/23/2020

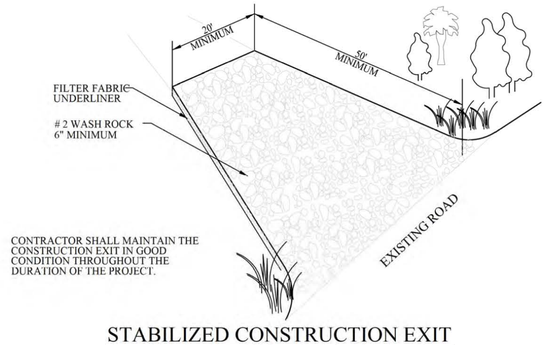



0' 150' 300'
SCALE BAR

## LEGEND

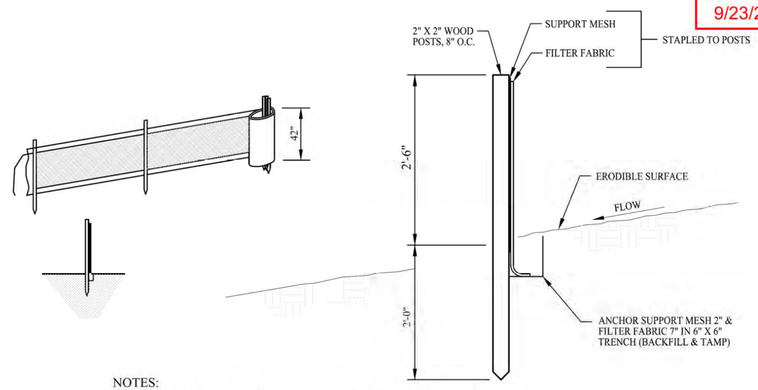
SILT FENCE

INLET AND CULVERT PROTECTION




## STABILIZED CONSTRUCTION EXIT

N.T.S.




NOTES:

1. THE CONTRACTOR SHALL INSPECT AND REPAIR THE SILT FENCE AFTER EACH RAIN EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFFSITE AND CAN BE PERMANENTLY STABILIZED.
3. THE SILT FENCE SHALL BE PLACED ON SLOPE CONTOUR TO MAXIMIZE ITS PONDING EFFICIENCY.
4. IF DITCH LEVEL IS DEEPER THAN 30", THEN A FLOATING SILT SCREEN SHALL BE USED.

## SILT FENCE DETAIL

N.T.S.

NOTES:

SEQUENCE AND TIMING OF EROSION AND SEDIMENT CONTROLS MEASURES

1. THE CONTRACTOR SHALL EXECUTE THE NOTICE OF INTENT AND SUBMIT IT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, TOGETHER WITH THE APPROPRIATE FEE, PRIOR TO THE PRE-WORK MEETING AND SHALL PROVIDE A COPY OF THOSE DOCUMENTS TO THE OWNER TOGETHER WITH THE SHOP DRAWING SUBMITTAL.
2. PLACE SILT FENCES AROUND PROJECT SITE AND INLET PROTECTION AT EACH EXISTING INLET TO CONTAIN EROSION IN AREAS PRONE TO STORMWATER RUNOFF EROSIVE VELOCITIES.
3. INSTALL A CONSTRUCTION ENTRANCE AND TRAFFIC ROUTE FOR CONSTRUCTION VEHICLES.
4. CONSTRUCT THE PROJECT IN A SEQUENCE SO AS TO LIMIT THE AMOUNT OF EXPOSED SOIL AND THE DURATION THAT THE SOIL IS EXPOSED.
5. THE CONTRACTOR SHALL EXECUTE THE NOTICE OF TERMINATION AND SUBMIT IT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WITHIN 10 DAYS OF COMPLETING THE CONSTRUCTION EFFORT AND SUBMIT A COPY OF THOSE DOCUMENTS TO THE OWNER WITH THE FINAL PAY APPLICATION.

MAINTENANCE/INSPECTIONS PROCEDURES

1. ALL CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER. RAINFALL AMOUNT SHOULD BE BASED ON AN ONSITE RAIN GAUGE.
2. ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF ONSITE INSPECTION REPORT.
3. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
4. SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
5. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION AND A COPY OF THE REPORT SHALL BE SUBMITTED TO THE VRPB ENGINEERING DEPARTMENT AND DEPARTMENT OF PUBLIC WORKS.
6. AT THE RECONSTRUCTION MEETING, THE SITE SUPERINTENDENT SHALL DESIGNATE A QUALIFIED EMPLOYEE WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND COMPLETION OF THE INSPECTION AND MAINTENANCE REPORTS.

GENERAL NOTES:

1. ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A SECURELY COVERED METAL DUMPSTER PROVIDED BY A LICENSED SANITATION AND WASTE DISPOSAL SERVICE PROVIDER. THE DUMPSTER SHALL MEET ALL PALM BEACH COUNTY AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER SHALL BE EMPTIED AS NEEDED SO THERE IS NO OVERFLOW. TRASH SHALL BE HAULED TO AN AUTHORIZED/PERMITTED LANDFILL FACILITY. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE OF WASTE DISPOSAL.
2. ALL HAZARDOUS WASTE MATERIAL SHALL BE DISPOSED OF IN A MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES.
3. ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF TWICE PER WEEK BY THE LICENSED SANITARY COMPANY, AS REQUIRED BY LOCAL REGULATIONS.
4. ALL ON-SITE VEHICLES AND TANKS SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS, WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDINGLY TO THE MANUFACTURER'S RECOMMENDATIONS. ALL ABOVE GROUND TANKS FOR FUELING SHALL BE SECONDARILY CONTAINED.
5. ANY PESTICIDE AND HERBICIDE USAGE SHALL BE BY STATE LICENSED APPLICATORS. APPLICATORS SHALL HAVE GREEN INDUSTRY BEST MANAGEMENT PRACTICES TRAINING.
6. FERTILIZERS USED SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNT RECOMMENDED BY THE MANUFACTURER. IF STORED ON-SITE, COVERED STORAGE SHALL BE PROVIDED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZERS SHALL BE TRANSFERRED TO A SEALABLE CONTAINER TO AVOID SPILLS.
7. ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT SHALL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE OR LOCAL REGULATIONS.
8. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE VEHICLE TRACKING OF SEDIMENTS. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPAULIN, AS REQUIRED BY STATE LAW.
9. WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE ACCUMULATED SEDIMENT SHALL BE REMOVED FROM IN AND AROUND ALL INLETS AND CATCH BASINS.
10. NON-STORMWATER DISCHARGES (AS PROVIDED IN PART IV.A.3 DEP DOCUMENT NO. 62-621.300(4)(A)) SHALL NOT CAUSE EROSION OR CREATE TURBIDITY WITHIN THE RECEIVING BODY AND SHALL BE IN COMPLIANCE WITH REGULATORY REQUIREMENTS. THESE DISCHARGES MAY INCLUDE WATER LINE FLUSHING, FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, DUST CONTROL, IRRIGATION DRAINAGE AND AIR CONDITIONING CONDENSATE AND WATER USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES (WASTEWATER FROM A MORE THOROUGH CLEANING, INCLUDING THE USE OF DETERGENTS OR OTHER CLEANERS IS NOT PERMITTED).
11. ALL DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED WITH BAHIA SEED AT THE CONCLUSION OF PHASE I IN ACCORDANCE WITH FDOT SPECIFICATIONS 104-6.4.2

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

STORM WATER POLLUTION PREVENTION PLAN AND NOTES

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-05

Sheet ___ of ___

Addendum 3
9/23/2020

## PAVEMENT MARKING LEGEND

(SEE SHEET C-20 FOR DETAILS)

- (A) STOP SIGN
- (B) 24" WHITE STOP BAR
- (C) DOUBLE 6" YELLOW
- (D) NEW PARKING SIGN
- (H) EXISTING PARKING SIGN (TO REMAIN)
- (J) EXISTING STOP SIGN (TO REMAIN)

SCALE: 1" = 20' (24"x36")
1" = 40' (12"x18")

10' WIDE x 20' MINIMUM LENGTH PARKING SPACE DELINEATION LINE (USED TO SHOW THAT 65 VEHICLES COULD FIT IN GRASS PARKING AREAS)

CURVE #3
TANGENT = 591.73'
LENGTH = 1112.07'
RADIUS = 1315.00'

2.0' WIDE CLEAR ZONE FOR 18 LONG PARKING SPACES (TYP.)

POICIANA BLVD

296 LF OF 8" PVC @ 0.42%

241 LF OF 8" PVC @ 0.42%

156 LF OF 8" PVC @ 0.42%

175 LF OF 8" PVC @ 0.42%

8" DIP WM

P.C. STA. 24+81.05

MH11 MH15 MH16

77 ASPHALT PARKING SPACES 10' x 18' (TYP.)

25' WIDE ASPHALT DRIVE

TYPE D CURB R=1368'

LANDSCAPED CURBED ISLANDS

R=1411' R=1420' R=1481' R=1490'

TYPE D CURB R=20'

R=5' (TYP.)

25' WIDE ASPHALT DRIVE

TYPE D CURB

R=60' R=40'

R=1551'

REMOVE AND RELOCATE THREE LANDSCAPE ISLANDS. SEE ELECTRICAL DEMO SHEETS.

REMOVE TYPE D CURB

REMOVE PAVEMENT & REPLACE WITH GRASS

2 ASPHALT HANDICAP PARKING SPACES

4' WIDE STRIP ALONG SIDEWALK

REMOVE FENCE AND RELOCATE

TYPE D CURB

CENTERLINE OF DOUBLE STRIPING ON ASPHALT, SEE STRIPING DETAIL ON SHEET C-18 (TYP.)

20' WIDE CONCRETE DRIVE

5' WIDE GRASS DRIVE

25' WIDE GRASS DRIVE

LANDSCAPED CURBED ISLANDS W/ CONCRETE AROUND ISLANDS

R=1368' R=1388' R=1438' R=1463' R=1508'

R=105' R=125' R=50' R=70' R=88' R=163'

GRASS PARKING (SEE DETAIL)

CONCRETE DRIVE (SEE DETAIL)

CONCRETE WITH THICKENED EDGE SHOWN IN RED

25' WIDE CONCRETE DRIVE

R=5.5' R=14' R=100' R=120' R=60' R=40' R=15'

ROOT BARRIER

CONCRETE DRIVE

REMOVE EXIST. CONCRETE PAD

REMOVE FENCE SOUTHEAST OF THIS POINT

INSTALL REMOVABLE BOLLARD

1 CONCRETE HANDICAP PARKING SPACE WITH SIGN AND SHARED LANDING / SIDEWALK ACCESS (SEE DETAIL ON SHEET C-20)

LANDSCAPING ISLAND

2 CONCRETE HANDICAP PARKING SPACES WITH SIGNS AND SHARED LANDING / SIDEWALK ACCESS (SEE DETAIL ON SHEET C-20)

17 NEW CONCRETE PARKING SPACES, 3 NEW CONCRETE HANDICAP SPACES ALL CONCRETE SPACES WILL BE 18' LONG WITH TYPE D CURB

REMOVE FENCE

FENCE TO REMAIN

CENTERLINE OF DOUBLE STRIPING ON CONCRETE SEE STRIPING DETAIL ON SHEET C-18 (TYP.)

REMOVE FENCE

TYPE D CURB

### LEGEND

- NEW ASPHALT PAVEMENT
- NEW CONCRETE PAVEMENT & SIDEWALK THICKENED EDGE SHOWN IN RED
- NEW GRASS DRIVE & PARKING

NOTE:
ALL PARKING SPACE STRIPING SHALL BE DOUBLE STRIPED AS SHOWN IN PARKING SPACE DETAILS ON SHEET C-20

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1968

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

PARKING LOT PLAN SOUTHWEST

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-06

Sheet ___ of ___

File Name: N:\60305-07-CommonsPk\Drawings\Plans\C-06-Parking.dwg

PLOT DATE: Sep 15 2020

Addendum 3
9/23/2020

0' 25' 50'
SCALE: 1" = 25' (24"x36")
1" = 50' (12"x18")

CENTERLINE OF DOUBLE STRIPING ON ASPHALT, SEE STRIPING DETAIL ON SHEET C-18 (TYP.)

CURVE #3
TANGENT = 591.73'
LENGTH = 1112.07'
RADIUS = 1315.00'

10" x 18' ASPHALT PARKING SPACES (47 TOTAL)

GRASS PARKING (SEE DETAIL)

10' x 20' GRASS PARKING SPACE DELINEATION LINE (USED TO SHOW THAT 360 VEHICLES COULD FIT IN GRASS PARKING AREAS)

5' WIDE GRASS DRIVE

CONCRETE SIDEWALK RECONSTRUCTION

10' WIDE CONCRETE SIDEWALK

CONCRETE CORNERS TO BE PLACED IN MONOLITHIC POUR OF CONCRETE DRIVE (TYP.)

CENTERLINE CONCRETE DRIVE SEE SHEET C-09

5' WIDE GRASS DRIVE

25' WIDE CONCRETE DRIVE

20' WIDE CONCRETE DRIVE

2.0' WIDE CLEAR ZONE FOR 18 LONG PARKING SPACES (TYP.)

TYPE D CURB

25' WIDE ASPHALT DRIVE

LANDSCAPE ISLAND WITH TYPE D CURB

25' WIDE GRASS DRIVE

SEE ELECTRICAL DEMO SHEETS

REMOVE EXISTING ISLAND CURB & REPLACE WITH NEW TYPE D CURB. EXISTING LIGHT POLE TO REMAIN

SAWCUT SIDEWALK AND REMOVE SIDEWALK NORTH OF LANDING

CONCRETE SIDEWALK RAMP

CONCRETE SIDEWALK RAMP LANDINGS

NEW 8' WIDE CONCRETE SIDEWALK

TYPE D CURB

2 CONCRETE 18' HANDICAP PARKING SPACES

4' WIDE GRASS STRIP

REMOVE/RELOCATE EXISTING PATHWAY LIGHT PER ELECTRICAL DEMO SHEET (TYP.)

2 CONCRETE 18' HANDICAP PARKING SPACES

CENTERLINE OF DOUBLE STRIPING ON CONCRETE (TYP.) SEE STRIPING DETAIL ON SHEET C-20

TYPE D CURB

23 CONCRETE 10' x 18' PARKING SPACES

NEW LANDSCAPE ISLAND WITH TYPE D CURB

CONCRETE WITH THICKENED EDGE SHOWN IN RED

5' WIDE GRASS DRIVE

CENTERLINE OF 25' WIDE LOOP DRIVE

5' WIDE GRASS DRIVE

GRASS PARKING (SEE DETAIL)

CONCRETE DRIVE (PHASE 1) (SEE CONCRETE PAVEMENT DETAIL)

NOTE:
ALL PARKING SPACE STRIPING SHALL BE DOUBLE STRIPED AS SHOWN IN PARKING SPACE DETAILS ON SHEET C-20

PAVEMENT MARKING LEGEND

(SEE SHEET C-20 FOR DETAILS)

- (A) STOP SIGN
- (B) 24" WHITE STOP BAR
- (C) DOUBLE 6" YELLOW
- (D) NEW PARKING SIGN
- (E) SHARE USE SIGN
- (F) SHARED BIKE LANE PAVEMENT MARKING SYMBOL
- (G) FLEXIBLE DELINEATOR POST
- (J) EXISTING STOP SIGN (TO REMAIN)
- (K) DETECTABLE WARNING STRIP

LEGEND

- NEW ASPHALT PAVEMENT
- NEW CONCRETE PAVEMENT & SIDEWALK THICKENED EDGE SHOWN RED
- NEW GRASS DRIVE AND PARKING
- I-6 NEW LANDSCAPE ISLAND IDENTIFICATION NO. (PHASE 1)

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

PARKING LOT PLAN NORTHEAST

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-07

Sheet ___ of ___

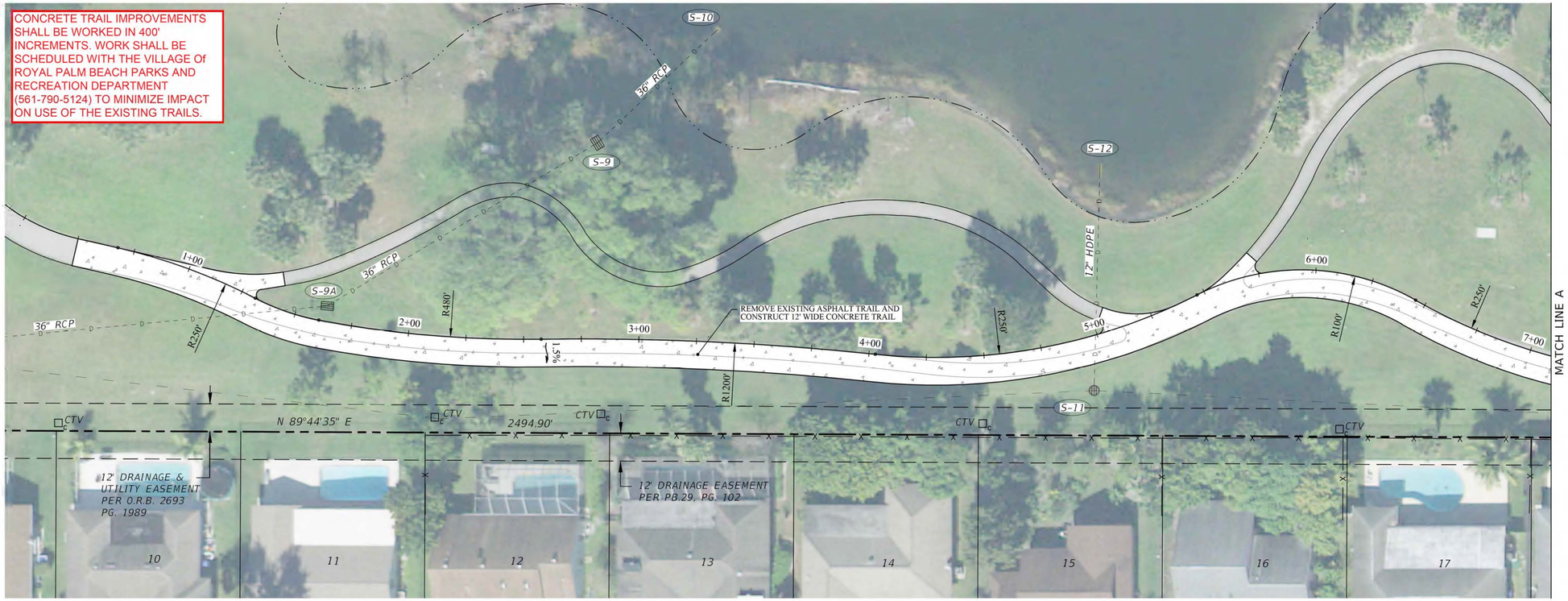
File Name: N:\60305-07-CommonsPk\Drawings\Plans\C-06-Parking.dwg

PLOT DATE: Sep 15 2020

Addendum 3
9/23/2020

CONCRETE TRAIL IMPROVEMENTS SHALL BE WORKED IN 400' INCREMENTS. WORK SHALL BE SCHEDULED WITH THE VILLAGE Of ROYAL PALM BEACH PARKS AND RECREATION DEPARTMENT (561-790-5124) TO MINIMIZE IMPACT ON USE OF THE EXISTING TRAILS.

0' 25' 50'
SCALE: 1" = 25' (24"x36")
1" = 50' (12"x18")



The Village of ROYAL PALM BEACH FLORIDA Incorporated 1968

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

PATH WIDENING

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-08

Sheet ___ of ___

Addendum 3
9/23/2020

CONCRETE TRAIL IMPROVEMENTS SHALL BE WORKED IN 400' INCREMENTS. WORK SHALL BE SCHEDULED WITH THE VILLAGE Of ROYAL PALM BEACH PARKS AND RECREATION DEPARTMENT (561-790-5124) TO MINIMIZE IMPACT ON USE OF THE EXISTING TRAILS.

0' 25' 50'
SCALE: 1" = 25' (24"x36")
1" = 50' (12"x18")

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1996

| | By: |
|---|---|
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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

PATH WIDENING

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-09

Sheet ___ of ___

File Name: N:\60305-07-CommonsPk\Drawings\Plans\C-08-Trails-Plan.dwg

PLOT DATE: Sep 14 2020

Addendum 3
9/23/2020

0' 25' 50'
SCALE: 1" = 25' (24"x36")
1" = 50' (12"x18")

The Village of ROYAL PALM BEACH FLORIDA INCORPORATED 1968

| | By: |
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| Drawn: | R.P. |
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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

TRAIL IMPROVEMENTS

DANA I GILLETTE
FL PE 41913

RPB #

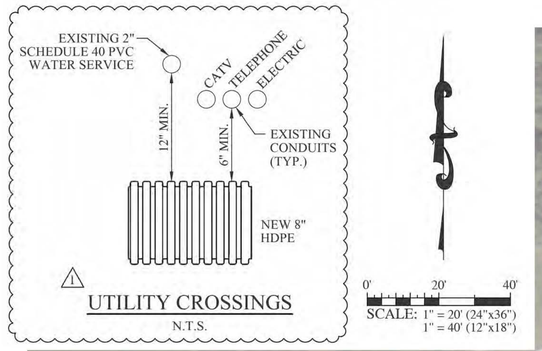
Sheet Reference Number
C-10

Sheet ___ of ___

File Name: N:\60305-07-CommonsPk\Drawings\Plans\C-08-Trails-Plan.dwg

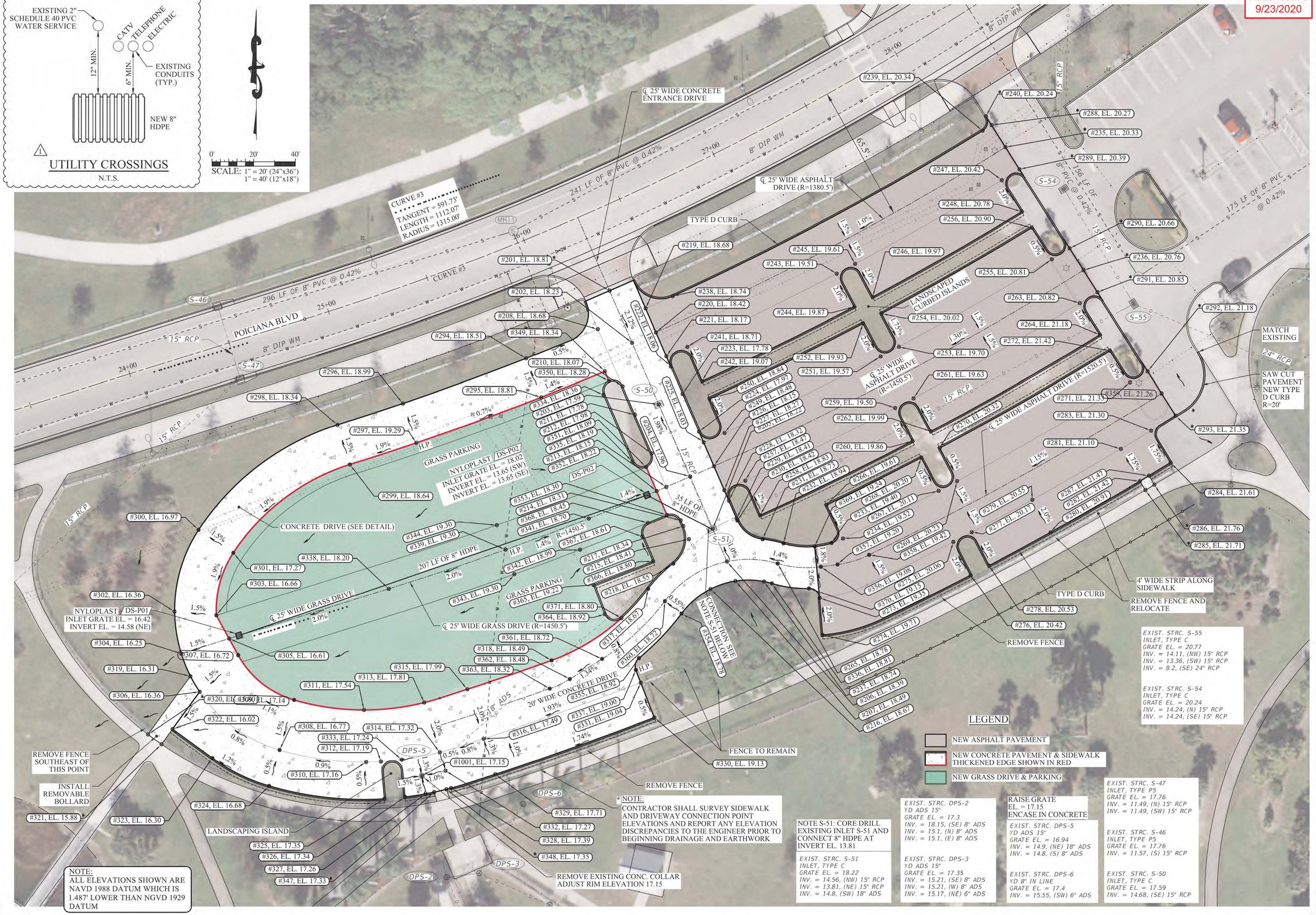
PLOT DATE: Sep 14 2020

Addendum 3
9/23/2020




1 UTILITY CROSSINGS
N.T.S.

0' 20' 40'
SCALE: 1" = 20' (24"x36")
1" = 40' (12"x18")




NOTE:
ALL ELEVATIONS SHOWN ARE NAVD 1988 DATUM WHICH IS 1.487' LOWER THAN NGVD 1929 DATUM

* NOTE:
CONTRACTOR SHALL SURVEY SIDEWALK AND DRIVEWAY CONNECTION POINT ELEVATIONS AND REPORT ANY ELEVATION DISCREPANCIES TO THE ENGINEER PRIOR TO BEGINNING DRAINAGE AND EARTHWORK

NOTE S-51: CORE DRILL EXISTING INLET S-51 AND CONNECT 8" HDPE AT INVERT EL. 13.81

*EXIST. STRC. S-51*
*INLET, TYPE C*
*GRATE EL. = 18.22*
*INV. = 14.56, (NW) 15" RCP*
*INV. = 13.81, (NE) 15" RCP*
*INV. = 14.8, (SW) 18" ADS*

*EXIST. STRC. DPS-2*
*YD ADS 15"*
*GRATE EL. = 17.3*
*INV. = 18.15, (SE) 8" ADS*
*INV. = 15.1, (N) 8" ADS*
*INV. = 15.1, (E) 8" ADS*

*EXIST. STRC. DPS-3*
*YD ADS 15"*
*GRATE EL. = 17.35*
*INV. = 15.21, (SE) 8" ADS*
*INV. = 15.21, (W) 8" ADS*
*INV. = 15.17, (NE) 6" ADS*

RAISE GRATE EL. = 17.15 ENCASE IN CONCRETE

*EXIST. STRC. DPS-5*
*YD ADS 15"*
*GRATE EL. = 16.94*
*INV. = 14.9, (NE) 18" ADS*
*INV. = 14.8, (S) 8" ADS*

*EXIST. STRC. DPS-6*
*YD 8" IN LINE*
*GRATE EL. = 17.4*
*INV. = 15.55, (SW) 6" ADS*

*EXIST. STRC. S-47*
*INLET, TYPE P5*
*GRATE EL. = 17.76*
*INV. = 11.49, (N) 15" RCP*
*INV. = 11.49, (SW) 15" RCP*

*EXIST. STRC. S-46*
*INLET, TYPE P5*
*GRATE EL. = 17.76*
*INV. = 11.57, (S) 15" RCP*

*EXIST. STRC. S-50*
*INLET, TYPE C*
*GRATE EL. = 17.59*
*INV. = 14.68, (SE) 15" RCP*

*EXIST. STRC. S-55*
*INLET, TYPE C*
*GRATE EL. = 20.77*
*INV. = 14.11, (NW) 15" RCP*
*INV. = 13.36, (SW) 15" RCP*
*INV. = 8.2, (SE) 24" RCP*

*EXIST. STRC. S-54*
*INLET, TYPE C*
*GRATE EL. = 20.24*
*INV. = 14.24, (N) 15" RCP*
*INV. = 14.24, (SE) 15" RCP*

LEGEND
- NEW ASPHALT PAVEMENT
- NEW CONCRETE PAVEMENT & SIDEWALK THICKENED EDGE SHOWN IN RED
- NEW GRASS DRIVE & PARKING

The Villages of ROYAL PALM BEACH
FLORIDA
INCORPORATED 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | R.P. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

GRADING AND DRAINAGE PLAN - SOUTHWEST PARKING LOT

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-11

Sheet ___ of ___

Addendum 3
9/23/2020

* NOTE:
CONTRACTOR SHALL SURVEY SIDEWALK AND DRIVEWAY CONNECTION POINT ELEVATIONS AND REPORT ANY ELEVATION DISCREPANCIES TO THE ENGINEER PRIOR TO BEGINNING DRAINAGE AND EARTHWORK

0' 25' 50'
SCALE: 1" = 25' (24"x36")
1" = 50' (12"x18")

CURVE #3
TANGENT = 591.73'
LENGTH = 1112.07'
RADIUS = 1315.00'

*EXIST. STRC. Y-54*
*YD 12"*
*GRATE EL. = 16.01*
*INV. = 13.64, (W) 6" HDPE*
*INV. = 14.35, (S) 8" HDPE*
*INV. = 14.01, (N) 6" HDPE*

*EXIST. STRC. S-96*
*INLET, TYPE C*
*GRATE EL. = 16.28*
*INV. = 13.02, (N) 8" HDPE*
*INV. = 13, (W) 12" ADS*
*INV. = 13.08, (SW) 15" HDPE*

*EXIST. STRC. S-100A*
*YD 15"*
*GRATE EL. = 17.21*
*INV. = 14.03, (SE) 15" HDPE*

*EXIST. STRC. S-100*
*INLET, TYPE C*
*GRATE EL. = 17.16*
*INV. = 13.88, (N) 15" HDPE*
*INV. = 13.46, (E) 15" RCP*

*EXIST. STRC. S-101*
*INLET, TYPE C*
*GRATE EL. = 18.22*
*INV. = 13.27, (W) 15" RCP*
*INV. = 11.27, (SW) 15" RCP*
CORE DRILL
INVERT EL. 15.50 (SE)

*EXIST. STRC. S-97*
*INLET, TYPE P5*
*GRATE EL. = 19.02*
*INV. = 12.74, (NE) 15" HDPE*
*INV. = 12.16, (W) 24" RCP*
*INV. = 7.97, (SE) 30" RCP*

*EXIST. STRC. S-98*
*INLET, TYPE P5*
*GRATE EL. = 18.99*
*INV. = 8.04, (NW) 30" RCP*
*INV. = 8.02, (SE) 30" RCP*

*EXIST. STRC. S-99*
*INLET, TYPE E*
*GRATE EL. = 20.24*
*INV. = 7.8, (NW) 30" RCP*
*INV. = 7.72, (SE) 30" RCP*

*EXIST. STRC. S-102*
*INLET, TYPE E*
*GRATE EL. = 20.79*
*INV. = 7.14, (NW) 30" RCP*
*INV. = 10.58, (NE) 15" RCP*
*INV. = 7.11, (S) 36" RCP*
*INV. EL. = 6.94*

*EXIST. STRC. S-118*
*INLET, TYPE E-A*
*GRATE EL. = 14.99*
*INV. = 10.06, (S) 30" RCP*
*INV. = 10.34, (N) 30" RCP*

*EXIST. STRC. S-119*
*INLET, TYPE E-A*
*GRATE EL. = 15.75*
*INV. = 9.96, (NE) 18" HDPE*
*INV. = 10.05, (N) 30" RCP*
*INV. = 9.74, (SW) 36" RCP*
*INV. EL. = 6.97*
CORE DRILL
INVERT EL. 12.00 (NW)

NOTE:
ALL ELEVATIONS SHOWN ARE NAVD 1988 DATUM WHICH IS 1.487' LOWER THAN NGVD 1929 DATUM

CONCRETE SIDEWALK RECONSTRUCTION
#701, EL. 18.02
#699, EL. 17.86
#700, EL. 17.87
#698, EL. 17.79
#705, EL. 17.79
#704, EL. 17.81
#702, EL. 17.93
#696, EL. 17.65
#703, EL. 17.79
#694, EL. 17.95
#692, EL. 18.02
#590, EL. 18.35
#591, EL. 17.82
#736, EL. 18.28
#566, EL. 17.93
#592, EL. 18.12
#828, EL. 18.12
66 LF OF 8" HDPE
NYLOPLAST / DS-P06
INLET GRATE EL. = 18.93
INVERT EL. = 16.40 (E)
#587, EL. 18.49
#564, EL. 18.60
#697, EL. 17.72
#695, EL. 17.70
#693, EL. 18.00
#589, EL. 18.05
#691, EL. 18.08
5' WIDE GRASS DRIVE
#588, EL. 18.79
#563, EL. 19.47
#586, EL. 19.22
#585, EL. 18.92
GRASS PARKING (SEE SHEET C-13)
#565, EL. 18.16
#735, EL. 18.40
20' WIDE CONCRETE DRIVE
#539, EL. 18.06
#538, EL. 18.02
#561, EL. 18.47
#543, EL. 18.39
#581, EL. 18.37
#540, EL. 18.24
NYLOPLAST / DS-P07
INLET GRATE EL. = 18.48
INVERT EL. = 15.99 (W)
INVERT EL. = 15.99 (SE)
49 LF OF 8" HDPE
NYLOPLAST / DS-P08
INLET GRATE EL. = 18.51
INVERT EL. = 15.77 (NW)
INVERT EL. = 15.77 (E)
#734, EL. 18.44
#708, EL. 18.30
83 LF OF 8" HDPE
DS-P09 / NYLOPLAST
INLET GRATE EL. = 17.92
INVERT EL. = 15.40 (W)
INVERT EL. = 15.40 (SE)
LANDSCAPE ISLANDS TYPE D CURB (SEE ISLAND DETAILS)
80 LF OF 8" HDPE
DS-P10 / NYLOPLAST
INLET GRATE EL. = 17.92
INVERT EL. = 15.00 (NW)
INVERT EL. = 15.00 (SW)
CLEANUP EXISTING SWALE IN ORDER TO ESTABLISH POSITIVE DRAINAGE TO INLET
#537, EL. 17.91
#505, EL. 17.80
#893, EL. 17.50
#515, EL. 18.39
#536, EL. 18.04
#506, EL. 17.87
#514, EL. 18.21
#502, EL. 18.03
#525, EL. 18.12
TYPE D CURB
#545, EL. 18.29
#541, EL. 18.15
#542, EL. 18.34
#584, EL. 19.11
#562, EL. 18.92
#583, EL. 18.81
#582, EL. 18.62
#544, EL. 18.51
H.P.
#733, EL. 18.56
#732, EL. 19.43
#731, EL. 19.63
#577, EL. 19.53
#594, EL. 18.12
#567, EL. 17.93
#593, EL. 17.82
DS-P12 / NYLOPLAST
INLET GRATE EL. = 18.21
INVERT EL. = 15.70 (NW)
#548, EL. 18.41
18 LF OF 8" HDPE
CORE DRILL EXISTING INLET S-101 AND CONNECT 8" HDPE AT INVERT EL. 15.50
#576, EL. 19.53
#730, EL. 19.40
#729, EL. 19.66
CONCRETE DRIVE (SEE DETAIL)
5' WIDE GRASS DRIVE
174 LF OF 10" HDPE
CENTERLINE OF 25' WIDE LOOP DRIVE
#596, EL. 18.00
#595, EL. 17.74
#568, EL. 17.84
DS-P11 / NYLOPLAST
INLET GRATE EL. = 17.41
INVERT EL. = 14.21 (SW)
INVERT EL. = 14.21 (NE)
INVERT EL. = 14.21 (SE)
#569, EL. 17.41
#598, EL. 17.31
#727, EL. 19.99
DS-P05 / NYLOPLAST
INLET GRATE EL. = 18.16
INVERT EL. = 15.60 (W)
INVERT EL. = 15.60 (NE)
DS-P04 / NYLOPLAST
INLET GRATE EL. = 19.17
INVERT EL. = 16.60 (W)
INVERT EL. = 16.60 (E)
#728, EL. 19.69
DS-P03 / NYLOPLAST
INLET GRATE EL. = 20.57
INVERT EL. = 18.00 (E)
#725, EL. 19.47
#675, EL. 19.84
75 LF OF 8" HDPE
#726, EL. 19.21
#707, EL. 18.98
105 LF OF 8" HDPE
#822, EL. 18.42
#724, EL. 18.94
#723, EL. 18.83
#706, EL. 18.87
77 LF OF 8" HDPE
#639, EL. 21.51
#610, EL. 21.60
CORE DRILL EXISTING INLET S-119 AND CONNECT 8" HDPE AT INVERT EL. 12.00
#597, EL. 17.57
#601, EL. 17.87
#600, EL. 17.70
#599, EL. 17.70
206 LF OF 12" HDPE
#722, EL. 18.69
#604, EL. 18.21
#571, EL. 18.56
#570, EL. 18.02
#631, EL. 18.59
#603, EL. 18.21
#602, EL. 18.10
#634, EL. 18.37
#633, EL. 18.48
TYPE D CURB
#573, EL. 21.41
#609, EL. 21.60
#572, EL. 20.46
#608, EL. 20.65
#606, EL. 18.75
#721, EL. 18.96
#656, EL. 21.73
#621, EL. 21.57
#651, EL. 22.18
#652, EL. 22.29
#653, EL. 22.36
#654, EL. 22.27
#655, EL. 22.34
#657, EL. 21.79
#658, EL. 21.83
#660, EL. 21.79
#661, EL. 21.83
#662, EL. 21.75
#607, EL. 20.65
#659, EL. 21.79
#624, EL. 20.65
#623, EL. 20.92
#622, EL. 21.87
#625, EL. 20.38
#626, EL. 20.20
#627, EL. 20.47
#669, EL. 21.02
#628, EL. 19.02
#630, EL. 18.64
#605, EL. 18.75
#677, EL. 18.97
#679, EL. 19.66
#670, EL. 19.78
#668, EL. 20.92
#664, EL. 21.39
#665, EL. 21.27
#666, EL. 21.16
#663, EL. 21.75
#678, EL. 21.25
#667, EL. 20.87
#632, EL. 18.86
#629, EL. 18.91
#673, EL. 18.94
#674, EL. 19.05
#676, EL. 19.06
#671, EL. 19.64
#672, EL. 19.54
NEW 8' WIDE CONCRETE SIDEWALK
#574, EL. 20.87
#611, EL. 21.12
#890, EL. 19.80
#507, EL. 20.40
#501, EL. 20.46
#516, EL. 20.52
#537, EL. 20.85
#509, EL. 20.69
#508, EL. 20.52
#517, EL. 20.44
#518, EL. 20.39
#519, EL. 19.80
#520, EL. 20.00
#521, EL. 19.59
#522, EL. 19.83
#528, EL. 21.03
#526, EL. 20.83
#503, EL. 20.88
#504, EL. 21.00
#512, EL. 21.05
#513, EL. 19.41
#512, EL. 19.23
#521, EL. 19.27
#523, EL. 19.34
#524, EL. 19.57
#534, EL. 18.69
#534, EL. 18.89
#533, EL. 19.27
#532, EL. 19.72
#535, EL. 18.60
#535, EL. 18.35
#604, EL. 18.22
#802, EL. 18.40
#691, EL. 19.23
#511, EL. 19.54
#510, EL. 19.36
#670, EL. 19.44
#729, EL. 19.66
#727, EL. 19.99
#728, EL. 19.69
#725, EL. 19.47
#724, EL. 18.94
#723, EL. 18.83
#706, EL. 18.87
#722, EL. 18.69
#571, EL. 18.56
#631, EL. 18.59
#675, EL. 18.98
#632, EL. 18.86
#629, EL. 18.91
#673, EL. 18.94
#674, EL. 19.05
#676, EL. 19.06
#671, EL. 19.64
#672, EL. 19.54
#633, EL. 18.48
#634, EL. 18.37
#602, EL. 18.10
#597, EL. 17.57
#601, EL. 17.87
#600, EL. 17.70
#599, EL. 17.70
#569, EL. 17.41
#598, EL. 17.31
#595, EL. 17.74
#568, EL. 17.84
#596, EL. 18.00
#593, EL. 17.82
#594, EL. 18.12
#567, EL. 17.93
#576, EL. 19.53
#730, EL. 19.40
#729, EL. 19.66
#727, EL. 19.99
#728, EL. 19.69
#726, EL. 19.21
#707, EL. 18.98
#822, EL. 18.42
#724, EL. 18.94
#723, EL. 18.83
#706, EL. 18.87
#722, EL. 18.69
#604, EL. 18.21
#571, EL. 18.56
#570, EL. 18.02
#631, EL. 18.59
#603, EL. 18.21
#602, EL. 18.10
#634, EL. 18.37
#633, EL. 18.48

Addendum 3
9/23/2020

* NOTE:
CONTRACTOR SHALL SURVEY SIDEWALK AND DRIVEWAY CONNECTION POINT ELEVATIONS AND REPORT ANY ELEVATION DISCREPANCIES TO THE ENGINEER PRIOR TO BEGINNING DRAINAGE AND EARTHWORK

0' 25' 50'
SCALE: 1" = 25' (24"x36")
1" = 50' (12"x18")

*EXIST. STRC. Y-54*
*YD 12"*
*GRATE EL. = 16.01*
*INV. = 13.64, (W) 6" HDPE*
*INV. = 14.35, (S) 8" HDPE*
*INV. = 14.01, (N) 6" HDPE*

*EXIST. STRC. S-96*
*INLET, TYPE C*
*GRATE EL. = 16.28*
*INV. = 13.02, (N) 8" HDPE*
*INV. = 13, (W) 12" ADS*
*INV. = 13.08, (SW) 15" HDPE*

*EXIST. STRC. S-100A*
*YD 15"*
*GRATE EL. = 17.21*
*INV. = 14.03, (SE) 15" HDPE*

*EXIST. STRC. S-100*
*INLET, TYPE C*
*GRATE EL. = 17.16*
*INV. = 13.88, (N) 15" HDPE*
*INV. = 13.46, (E) 15" RCP*

*EXIST. STRC. S-101*
*INLET, TYPE C*
*GRATE EL. = 18.22*
*INV. = 13.27, (W) 15" RCP*
*INV. = 11.27, (SW) 15" RCP*

*EXIST. STRC. S-97*
*INLET, TYPE P5*
*GRATE EL. = 19.02*
*INV. = 12.74, (NE) 15" HDPE*
*INV. = 12.16, (W) 24" RCP*
*INV. = 7.97, (SE) 30" RCP*

*EXIST. STRC. S-98*
*INLET, TYPE P5*
*GRATE EL. = 18.99*
*INV. = 8.04, (NW) 30" RCP*
*INV. = 8.02, (SE) 30" RCP*

*EXIST. STRC. S-99*
*INLET, TYPE E*
*GRATE EL. = 20.24*
*INV. = 7.8, (NW) 30" RCP*
*INV. = 7.72, (SE) 30" RCP*

*EXIST. STRC. S-102*
*INLET, TYPE E*
*GRATE EL. = 20.79*
*INV. = 7.14, (NW) 30" RCP*
*INV. = 10.58, (NE) 15" RCP*
*INV. = 7.11, (S) 36" RCP*
*INV. EL. = 6.94*

*EXIST. STRC. S-118*
*INLET, TYPE E-A*
*GRATE EL. = 14.99*
*INV. = 10.06, (S) 30" RCP*
*INV. = 10.34, (N) 30" RCP*

*EXIST. STRC. S-119*
*INLET, TYPE E-A*
*GRATE EL. = 15.75*
*INV. = 9.96, (NE) 18" HDPE*
*INV. = 10.05, (N) 30" RCP*
*INV. = 9.74, (SW) 36" RCP*
*INV. EL. = 6.97*

NOTE:
ALL ELEVATIONS SHOWN ARE NAVD 1988 DATUM WHICH IS 1.487' LOWER THAN NGVD 1929 DATUM

CURVE #3
TANGENT = 591.73'
LENGTH = 1112.07'
RADIUS = 1315.00'

#983, EL. 18.95
#1010, EL. 19.06
#931, EL. 18.11
#932, EL. 18.71
#807, EL. 19.35
#933, EL. 18.54
#934, EL. 18.11
#696, EL. 17.65
#930, EL. 17.44
#695, EL. 17.70
#929, EL. 17.44
#997, EL. 18.34
#1011, EL. 18.56
#928, EL. 17.44
#927, EL. 17.41
#926, EL. 16.99
#925, EL. 17.71
#1012, EL. 18.32
#924, EL. 18.13
#1003, EL. 20.77
#1002, EL. 20.97
#947, EL. 19.45
#985, EL. 18.47

8' WIDE CONCRETE SIDEWALK (SEE PART 1 ON SHEET C-12)

LINE DEPICTING FUTURE EDGE OF 20' WIDE CONCRETE DRIVE (NOT PART OF CONTRACT)

EXISTING SWALE

25' WIDE CONCRETE DRIVE
NEW 25' WIDE GRASS DRIVE
20' WIDE CONCRETE DRIVE (SEE SHEET C-12)
9'+00 20' WIDE CONCRETE (SEE SHEET C-12)
25' WIDE ASPHALT DRIVE PART 1 (SEE SHEET C-12)
NEW SWALE
4' WIDE GRASS STRIP

CONCRETE DRIVE / PARKING AND CONCRETE SIDEWALK GRADING & DRAINAGE PART 1 (SEE SHEET C-12)

LEGEND
- ASPHALT PAVEMENT (SEE SHEET C-12)
- CONCRETE PAVEMENT & SIDEWALK (SEE SHEET 12)
- NEW GRASS DRIVE AND PARKING
- I-6 NEW LANDSCAPE ISLAND IDENTIFICATION NO.

TYPE D CURB

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | R.P. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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ERDMAN ANTHONY
1402 ROYAL PALM BEACH BLVD., BLDG 500
ROYAL PALM BEACH, FLORIDA 33411
PH: 561-753-9723 FAX: 561-753-9724
EB-29912 LB-7334

VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

GRADING AND DRAINAGE PLAN - NORTHEAST PARKING LOT (PART 2 - GRASS)

DANA I GILLETTE
FL PE 41913

RPB #

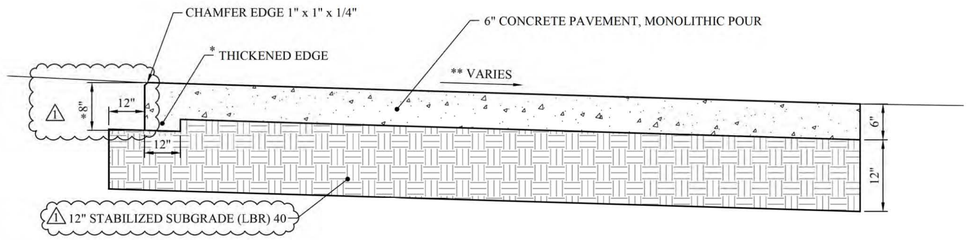
Sheet Reference Number
C-13

Sheet ___ of ___

File Name: N:\60305-07-CommonsPk\Drawings\Plans\C-13-GradingParking-Ph2.dwg

PLOT DATE: Sep 15 2020

Addendum 3
9/23/2020



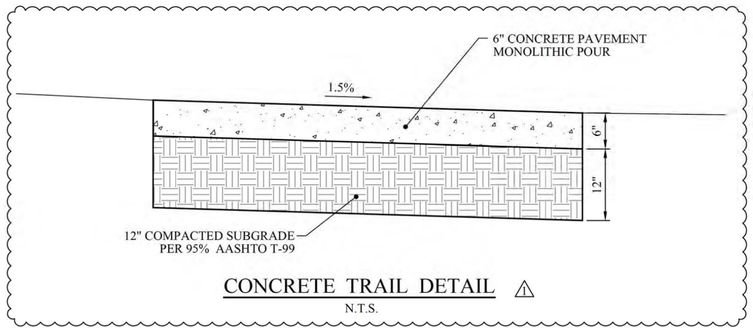

NOTES:

* THICKENED EDGE AND CHAMFERED EDGE REQUIRED ONLY ALONG EDGE OF CONCRETE PAVEMENT SUBJECT TO VEHICULAR TRAFFIC THAT WILL DRIVE OVER THE EDGE OF PAVEMENT

** SEE GRADING AND DRAINAGE PLANS FOR CROSS SLOPES

## CONCRETE PAVEMENT DETAIL

N.T.S.

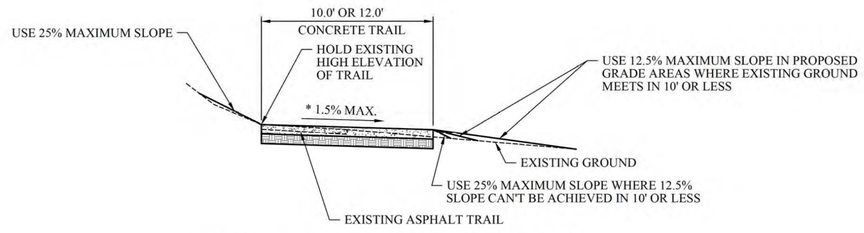



## CONCRETE TRAIL DETAIL

N.T.S.

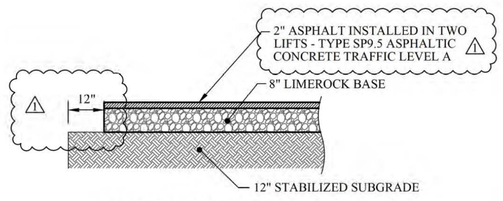
## PAVING AND DRAINAGE NOTES:

1. CLEARING AND GRUBBING – WITHIN THE LIMITS OF CONSTRUCTION, IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 110.
2. UNSUITABLE SOILS - WHEN VEGETATION, DEBRIS, CONCRETE, MUCK, PEAT OR OTHER UNSUITABLE MATERIAL ARE ENCOUNTERED, THEY SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION AREA. WHEN GUMBO OR OTHER PLASTIC CLAYS ARE ENCOUNTERED, THEY SHALL BE REMOVED WITHIN THE CONSTRUCTION AREA ONE FOOT BELOW THE SUBGRADE EXTENDING HORIZONTALLY TO THE EDGE OF THE PAVEMENT.
3. STABILIZED SUBGRADE SHALL BE STABILIZED TO A LIMEROCK BEARING RATIO (LBR) 40 AND COMPACTED TO MEET THE DENSITY REQUIREMENTS AS DETERMINED BY AASHTO T-180-86 SPECIFICATIONS. SUBGRADE SHALL EXTEND 12" BEYOND THE PROPOSED EDGE OF PAVEMENT, AND THE TOTAL WIDTH SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY UNLESS OTHERWISE NOTED.
4. BASE -
   A) (LIMEROCK) - APPROVED LOCAL LIMEROCK BASE MATERIAL SHALL HAVE A LIMEROCK BEARING RATIO (LBR) 100 AND SHALL BE COMPACTED TO NOT LESS THEN 98% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180-86 SPECIFICATIONS AND AS CALLED FOR IN THE LATEST EDITION OF FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION SECTION 200. THE BASE SHALL BE PLACED AND COMPACTED IN TWO (2) EQUAL LAYERS.
   B) (CRUSHED CONCRETE) - AN OPTIONAL BASE COURSE MATERIAL OF CRUSHED CONCRETE THAT IS FREE FROM STEEL REINFORCEMENT AND INCLUDES LESS THAN 7% ASPHALTIC PAVEMENT, GLASS FOUNDRY OR STEEL MILL SLAG, ASH OR POTTERY AND A PLASTICITY INDEX OF 3 OR LESS. CRUSHED CONCRETE SHALL CONFORM TO THE LATEST EDITION OF FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION SECTION 901, AND ALL ASSOCIATED SPECIFICATIONS.
5. PRIME COAT - BITUMINOUS PRIME COAT SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST EDITION OF FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, SECTION 300, AND SHALL BE APPLIED AT THE RATE OF 0.10 GALLONS/SQUARE YARD, UNLESS A LOWER RATE IS APPROVED BY THE ENGINEER.
6. TACK COAT - BITUMINOUS TACK COAT SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST EDITION OF FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION SECTION 300, AND SHALL BE APPLIED AT THE RATE OF 0.08 GALLONS/SQUARE YARD, UNLESS A VARIATION IN RATE IS APPROVED BY THE ENGINEER.
7. SURFACE COURSE - TYPE SP 9.5 ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM WITH THE REQUIREMENTS OF THE FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, SECTION 334, APPLIED IN TWO EQUAL LIFTS.
8. SAW CUTS – ALL PAVEMENT CONNECTIONS TO EXISTING PAVEMENT SHALL BE MADE WITH A STRAIGHT SAW CUT OF THE EXISTING PAVEMENT.
9. CONCRETE - CONCRETE USED ON SITE SUCH AS CURBS, SIDEWALKS, RETAINING WALLS, ETC. SHALL DEVELOP A MINIMUM 2500 PSI, 28 DAYS COMPRESSIVE STRENGTH.
10. CONCRETE WALK - ALL CONCRETE WALKS, NEW OR REPLACEMENT, SHALL BE 6" THICK CONCRETE. WALKS SHALL COMPLY WITH THE LATEST EDITIONS OF FDOT DESIGN STANDARDS INDEX 310 AND 304 AND FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION SECTION 522.
11. CONCRETE CURB - NEW OR REPLACEMENT CONCRETE CURB, CURB AND GUTTERS SHALL BE THE TYPE DESIGNATED ON THE PLANS AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF FDOT DESIGN STANDARDS INDEX 300 AND FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION SECTION 520.
12. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC., THE STORM DRAINAGE SYSTEMS UNTIL FINAL ACCEPTANCE OF THE PROJECT.
13. ALL DIMENSIONS AND RADII ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. ALL DIMENSIONS SHOWN TO BUILDINGS ARE TO OUTSIDE FACE OF BUILDING.
14. CONTRACTOR SHALL SAWCUT, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING.



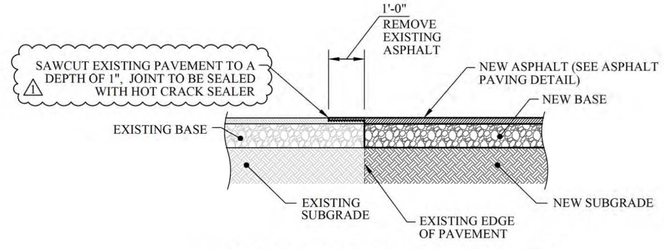

## 10' OR 12' WIDE TYPICAL TRAIL SECTION

N.T.S.



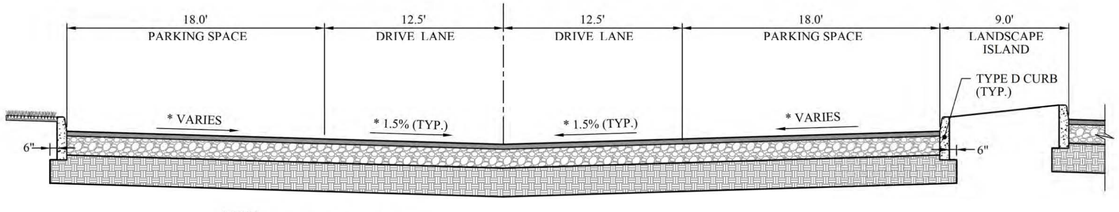

## ASPHALT PAVING DETAIL

N.T.S.




## ASPHALT PAVEMENT TIE-IN DETAIL

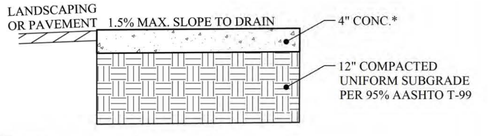
N.T.S.




NOTE:
* SEE GRADING AND DRAINAGE PLANS FOR CROSS SLOPES

## PARKING LOT DETAIL

N.T.S.



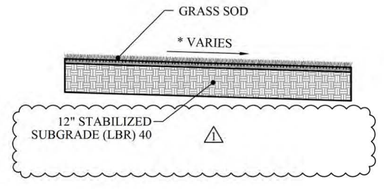

NOTES:

1. CONCRETE SHALL CONFORM TO FDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE CONSTRUCTION 522 LATEST VERSION.
2. SUBGRADE TO BE A MINIMUM 4" OF CLEAN SAND OR SANDY LOAM, FULLY COMPACTED, TO 95% MAXIMUM DRY DENSITY AND LBR 40, FULL WIDTH. INSITU MATERIAL MAY BE SUITABLE.
3. SIDEWALKS TO BE BROOM FINISHED WITH EVEN, DUSTLESS SURFACE.

* 6" CONCRETE IN DRIVEWAYS.

## CONCRETE SIDEWALK DETAIL

N.T.S.




NOTE:
* SEE GRADING AND DRAINAGE PLANS FOR CROSS SLOPES

## GRASS PARKING DETAIL

N.T.S.

The Village of ROYAL PALM BEACH FLORIDA INCORPORATED 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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EB-25912 LB-7334

VILLAGE OF ROYAL PALM
COMMONS PARK UPGARDES

DETAILS

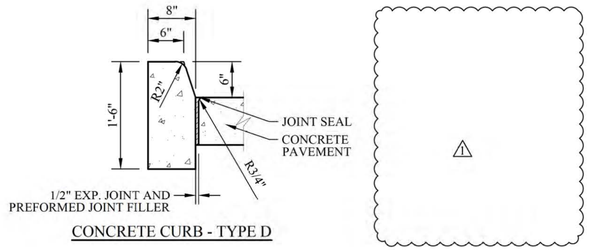
DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-14

Sheet ___ of ___

Addendum 3
9/23/2020




CONCRETE CURB - TYPE D

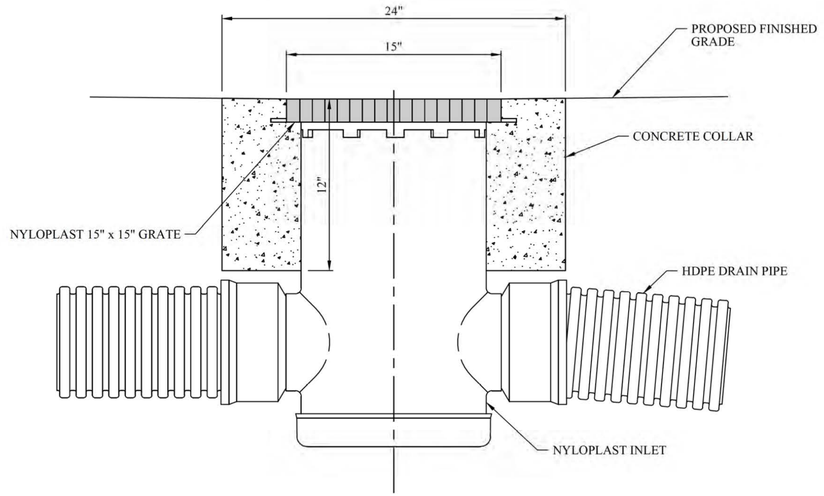
NOTE: FOR USE ADJACENT TO CONCRETE OR FLEXIBLE PAVEMENT, CONCRETE SHOWN. EXPANSION JOINT, PREFORMED JOINT FILLER AND JOINT SEAL ARE REQUIRED BETWEEN CURBS AND CONCRETE PAVEMENT ONLY.

GENERAL NOTES:

1. PROVIDE 1/8" - 1/4" CONTRACTION JOINTS AT 10' CENTERS (MAX.). CONTRACTION JOINTS ADJACENT TO CONCRETE PAVEMENT ON TANGENTS AND FLAT CURVES ARE TO MATCH THE PAVEMENT JOINTS, WITH INTERMEDIATE JOINTS NOT TO EXCEED 10' CENTERS. EXPANSION JOINTS SHALL BE LOCATED IN ACCORDANCE WITH THE LATEST EDITION OF FDOT STANDARDS SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION SECTION 520. CONTRACTION JOINTS SHALL BE LOCATED IN ACCORDANCE WITH THE LATEST EDITION OF STANDARD PLANS INDEX 520-001 (REPLACED INDEX 300).
2. ENDS OF CURB SHALL TRANSITION FROM FULL TO ZERO HEIGHTS IN 3'.
3. CURBS AND CURBS AND GUTTERS SHALL BE IN ACCORDANCE WITH FDOT LATEST EDITION OF STANDARD PLANS INDEX 520-001 (REPLACED INDEX 300).
4. BACKFILL BEHIND THE CURBS SHALL BE PLACED TO THE TOP OF THE CURB.

## CONCRETE CURB AND GUTTER DETAILS

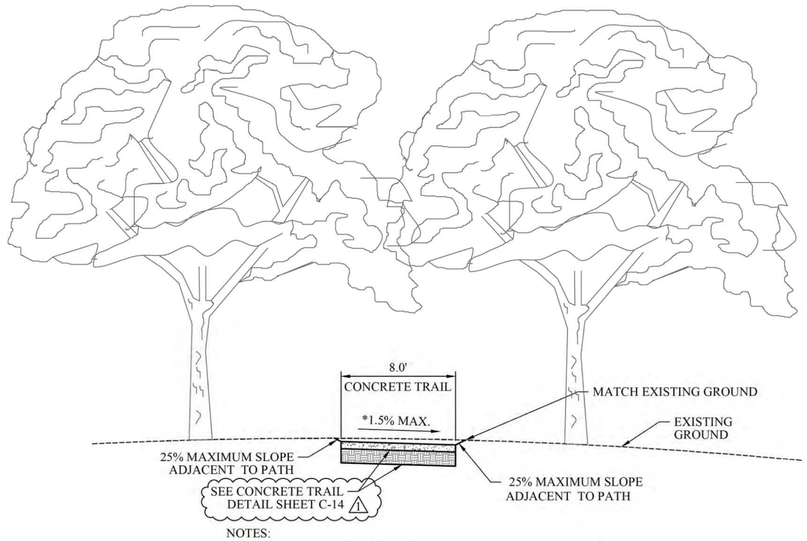
N.T.S.




NOTES:
- INSTALL PER MANUFACTURERS RECOMMENDATION
- TRAFFIC RATED INLET AND GRATE REQUIRED
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE FOR APPROVAL

## INLET AND COLLAR DETAIL

N.T.S.




NOTES:

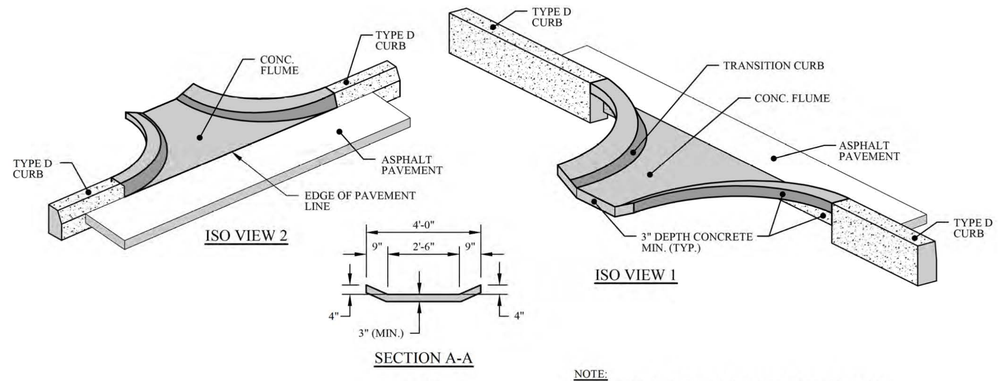
CONTRACTOR SHALL SET THE PATH GRADES IN THE FIELD TO MEET ADA SLOPE REQUIREMENTS.

CONTRACTOR SHALL FIELD REVIEW THE PATH HORIZONTAL AND VERTICAL LOCATION WITH THE VILLAGE PRIOR TO INSTALLATION.

* CROSS SLOPE MAY BE FLAT IN ON SLOPED HILLS WHERE GRADE IS SUFFICIENT TO CARRY POSITIVE DRAINAGE THROUGH HILL SECTION.

## TRAIL SECTION A-A

N.T.S.




## FLUME DETAIL

N.T.S.

The Village of ROYAL PALM BEACH FLORIDA INCORPORATED 1968

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

DETAILS

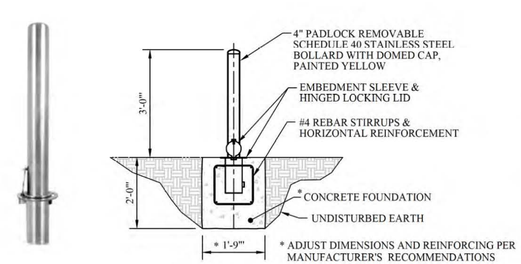
DANA I GILLETTE
FL PE 41913

RPB #

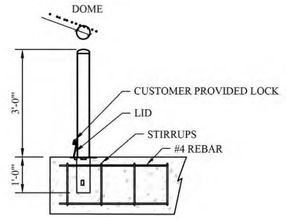
Sheet Reference Number
C-15

Sheet ___ of ___

Addendum 3
9/23/2020




END VIEW - FOUNDATION



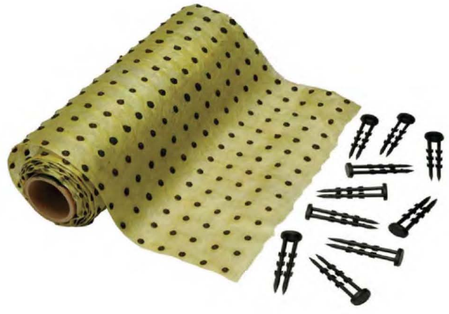

ELEVATION VIEW - FOUNDATION
(CONCEPT DESIGN ONLY)

PLAN VIEW - CLOSED LID

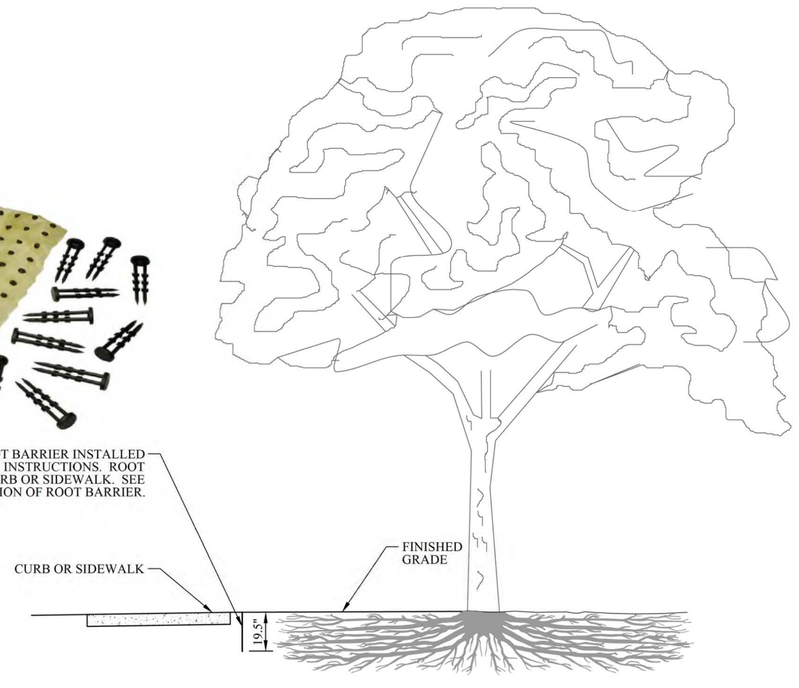
CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR BOLLARD TO THE VILLAGE FOR APPROVAL PRIOR TO PURCHASE.

## REMOVABLE BOLLARD DETAIL

N.T.S.



105 LF OF 19.5 INCH DEEP "BIO BARRIER" ROOT BARRIER INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ROOT BARRIER TO BE INSTALLED FLUSH WITH CURB OR SIDEWALK. SEE PLAN SHEET C-06 FOR LOCATION OF ROOT BARRIER.




## CHEMICAL ROOT BARRIER DETAIL ⚠

N.T.S.

The Village of ROYAL PALM BEACH FLORIDA INCORPORATED 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

DETAILS

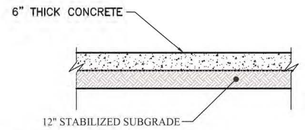
DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-16

Sheet ___ of ___

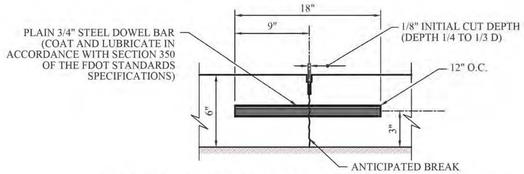
Addendum 3
9/23/2020



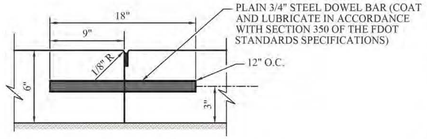

NOTES:

1. CONCRETE TO BE CURED FOR 28 DAYS, DRY AND JOINT BLOWN CLEAN OF ALL DEBRIS WITH HIGH PRESSURE AIR BEFORE INSTALLATION OF JOINT SEALANT MATERIAL.
2. SAW CUT JOINTS SHALL NOT EXCEED 15' x 15' (10' x 10' TYPICAL TO ALIGN WITH PARKING STALLS). THE GRID PATTERN SHALL BE UNIFORM THROUGHOUT THE PROPOSED PAVEMENT AREAS.
3. THE JOINTING PLAN SHOWN BELOW IS A GUIDELINE. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE OWNER FOR APPROVAL.
4. FDOT STANDARDS SPECIFICATIONS 346 AND 350 SHALL BE USED FOR CLASS I PAVEMENT CONCRETE OR USE CONCRETE WITH A COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS (SUBMIT MIX DESIGN PRIOR TO PLACEMENT).

## TYPICAL CONCRETE PAVEMENT SECTION
N.T.S.

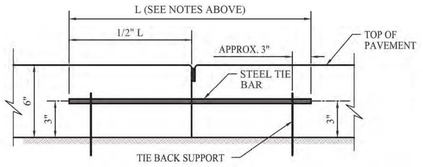



TRANSVERSE CONTRACTION JOINT, SAWED METHOD



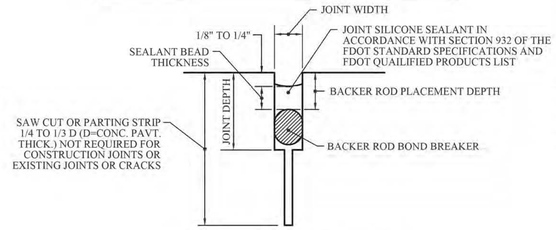

BUTT CONSTRUCTION JOINT TO BE USED AT DISCONTINUANCES OF WORK

1. TIE BARS ARE DEFORMED #4 OR #5 REINFORCING STEEL BARS MEETING THE REQUIREMENTS OF SECTION 931 OF THE FDOT STANDARD SPECIFICATIONS.
2. PROVIDE A STANDARD LOAD TRANSFER TIED JOINT WITH #4 BARS 25" IN LENGTH (L) AT 24" OR #5 BARS 30" IN LENGTH (L) AT 38" SPACING.



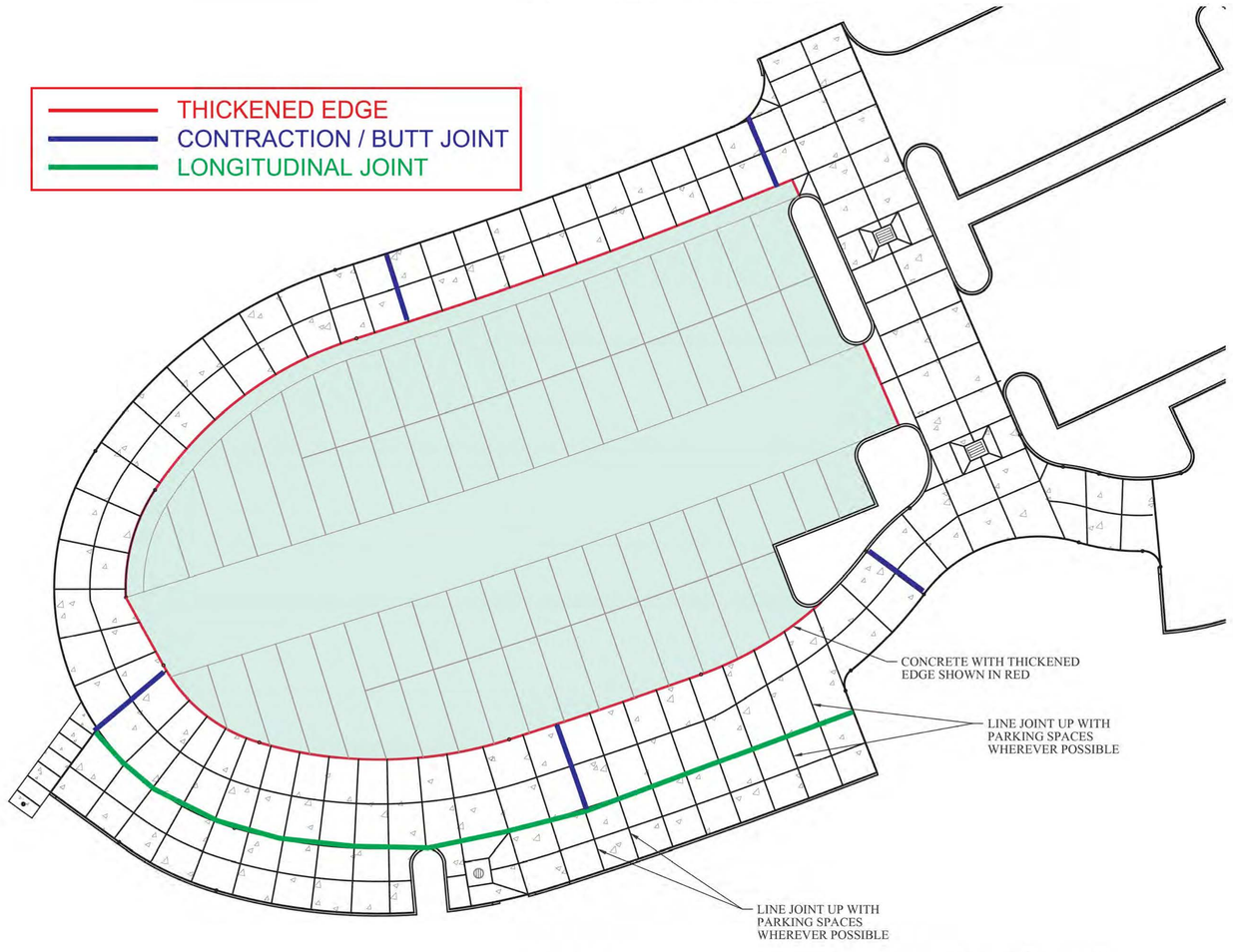

LONGITUDINAL BUTT CONSTRUCTION JOINT PLAN

| BACKER ROD BOND BREAKER (CONCRETE-CONCRETE JOINTS) | | | | |
|---|---|---|---|---|
| JOINT DIMENSIONS (INCHES) | | | | |
| JOINT WIDTH | SELANT BEAD THICKNESS | BACKER ROD DIA. | MINIMUM JOINT DEPTH | BACKER ROD REPLACEMENT DEPTH |
| 1/4 | 1/4 | 3/8 | 1 | 1/2 |
| 3/8 | 1/4 | 1/2 | 1 1/4 | 1/2 |
| JOINT WIDTH WILL BE 1/4" FOR CONSTRUCTION JOINTS, 3/8" FOR ALL OTHER JOINTS. | | | | |

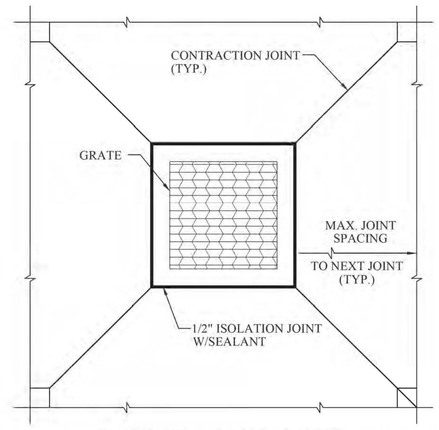



BACKER ROD BOND BREAKER
(FOR USE ON ALL JOINTS)

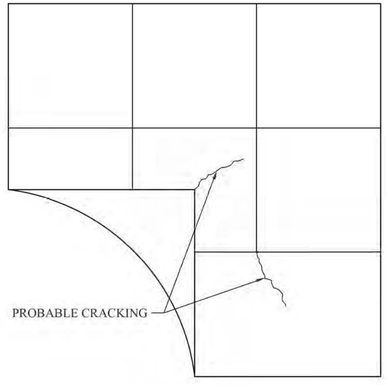
## CONCRETE PAVEMENT DETAILS
N.T.S.



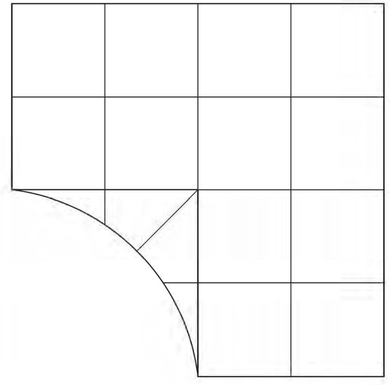

SW PARKING LOT JOINTS




JOINTS AT MANHOLES
N.T.S.




WRONG



PREFERRED

ACCEPTABLE ALTERNATE
N.T.S.

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

DETAILS

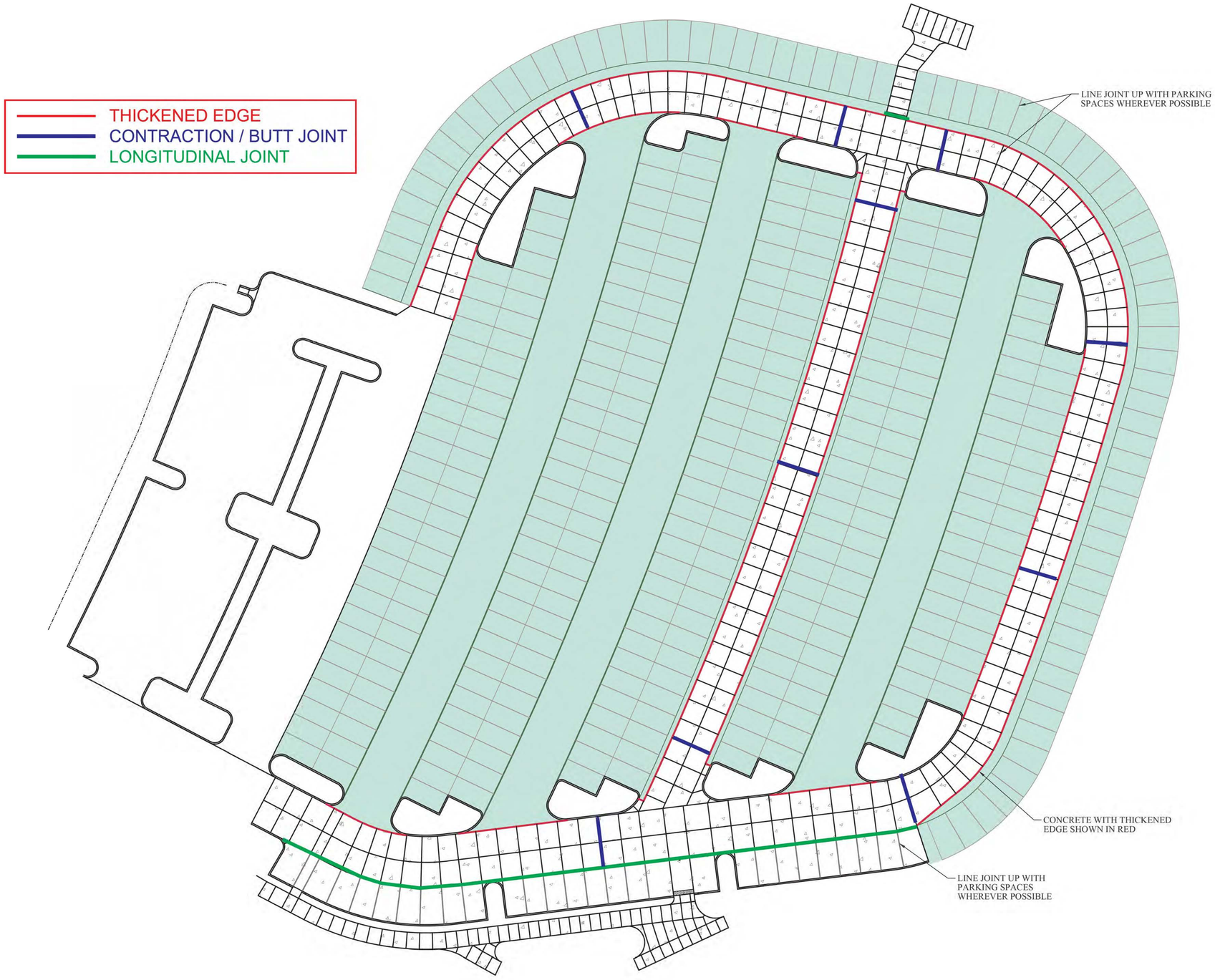
DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-17

Sheet ___ of ___

Addendum 3
9/23/2020




NE PARKING LOT JOINTS

The Village of ROYAL PALM BEACH FLORIDA

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
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| No. | Revisions | Date | By |
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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

DETAILS

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-18

Sheet ___ of ___

Addendum 3
9/23/2020

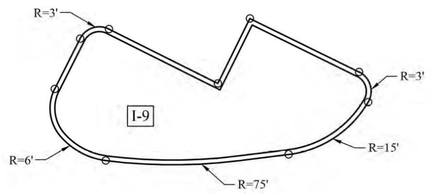
## NE PARKING LOT LANDSCAPE ISLANDS GEOMETRY TABLE

| POINT NO. | NORTHING | EASTING | NAVD 88 ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 101 | 860057.27 | 910005.83 | 19.26 | I-1 PI |
| 102 | 860061.55 | 909991.65 | 19.16 | I-1 PC |
| 103 | 860068.09 | 909988.41 | 19.21 | I-1 PCC |
| 104 | 860117.19 | 910027.92 | 19.39 | I-1 PCC |
| 105 | 860108.77 | 910041.09 | 19.32 | I-1 PT |
| 106 | 860093.32 | 910036.98 | 19.50 | I-1 PC |
| 107 | 860091.22 | 910033.29 | 19.55 | I-1 PT |
| 108 | 860095.70 | 910016.90 | 19.63 | I-1 PI |
| 111 | 860123.35 | 910091.15 | 19.06 | I-2 PI |
| 112 | 860116.43 | 910089.46 | 19.14 | I-2 PC |
| 113 | 860114.24 | 910085.82 | 19.20 | I-2 PT |
| 114 | 860117.62 | 910072.23 | 19.34 | I-2 PC |
| 115 | 860121.25 | 910070.05 | 19.34 | I-2 PCC |
| 116 | 860133.03 | 910087.02 | 18.92 | I-2 PCC |
| 117 | 860130.34 | 910105.64 | 18.78 | I-2 PCC |
| 118 | 860122.46 | 910111.51 | 18.87 | I-2 PCC |
| 119 | 860121.56 | 910111.29 | 18.89 | I-2 PCC |
| 120 | 860119.34 | 910107.67 | 18.97 | I-2 PT |
| 123 | 860109.26 | 910137.12 | 18.87 | I-3 PC |
| 124 | 860113.21 | 910135.00 | 18.82 | I-3 PCC |
| 125 | 860120.59 | 910147.01 | 18.57 | I-3 PCC |
| 126 | 860116.01 | 910166.48 | 18.47 | I-3 PCC |
| 127 | 860103.92 | 910173.90 | 18.57 | I-3 PCC |
| 128 | 860103.40 | 910173.78 | 0.00 | I-3 PCC |
| 129 | 860101.19 | 910170.15 | 18.65 | I-3 PT |
| 130 | 860090.64 | 910199.48 | 18.51 | I-4 PC |
| 131 | 860094.27 | 910197.28 | 18.49 | I-4 PCC |
| 132 | 860098.31 | 910198.27 | 18.43 | I-4 PCC |
| 133 | 860105.69 | 910210.28 | 18.22 | I-4 PCC |
| 134 | 860101.02 | 910229.98 | 18.12 | I-4 PCC |
| 135 | 860089.00 | 910237.17 | 18.22 | I-4 PCC |
| 136 | 860084.71 | 910236.13 | 18.27 | I-4 PCC |
| 137 | 860082.51 | 910232.49 | 18.34 | I-4 PT |
| 141 | 860048.75 | 910273.46 | 18.56 | I-5 PI |
| 142 | 860053.79 | 910254.11 | 18.34 | I-5 PI |
| 143 | 860064.60 | 910256.88 | 18.26 | I-5 PC |
| 144 | 860067.33 | 910275.13 | 18.12 | I-5 PCC |
| 145 | 860017.50 | 910285.17 | 18.12 | I-5 PCC |
| 146 | 860015.05 | 910281.40 | 18.16 | I-5 PCC |
| 147 | 860019.45 | 910265.57 | 18.37 | I-5 PI |
| 151 | 859818.75 | 910196.46 | 18.32 | I-6 PI |
| 152 | 859846.89 | 910207.80 | 17.97 | I-6 PI |
| 153 | 859840.68 | 910223.61 | 17.64 | I-6 PC |
| 154 | 859836.71 | 910225.27 | 17.59 | I-6 PCC |
| 155 | 859806.38 | 910183.14 | 18.22 | I-6 PCC |
| 156 | 859815.79 | 910173.56 | 18.31 | I-6 PCC |
| 157 | 859823.61 | 910176.83 | 18.32 | I-6 PCC |
| 158 | 859825.24 | 910180.75 | 18.32 | I-6 PT |
| 161 | 859809.08 | 910121.70 | 19.15 | I-7 PI |
| 162 | 859818.35 | 910125.74 | 18.86 | I-7 PI |
| 163 | 859811.64 | 910141.27 | 18.53 | I-7 PC |
| 164 | 859807.40 | 910142.68 | 18.46 | I-7 PCC |
| 165 | 859799.99 | 910131.52 | 18.48 | I-7 PCC |
| 166 | 859797.11 | 910108.36 | 18.60 | I-7 PCC |
| 167 | 859806.71 | 910098.77 | 18.88 | I-7 PCC |
| 168 | 859814.37 | 910102.18 | 18.96 | I-7 PCC |
| 169 | 859815.91 | 910106.13 | 19.01 | I-7 PT |
| 172 | 859800.13 | 910046.29 | 19.80 | I-8 PI |
| 173 | 859809.32 | 910050.55 | 19.37 | I-8 PI |
| 174 | 859802.24 | 910065.95 | 18.92 | I-8 PC |
| 175 | 859798.01 | 910067.29 | 18.89 | I-8 PCC |
| 176 | 859790.64 | 910056.15 | 19.16 | I-8 PCC |
| 177 | 859787.72 | 910032.53 | 19.58 | I-8 PCC |
| 178 | 859797.51 | 910022.94 | 19.84 | I-8 PCC |
| 179 | 859805.89 | 910026.90 | 19.82 | I-8 PCC |
| 180 | 859807.33 | 910030.89 | 19.80 | I-8 PT |
| 183 | 859791.08 | 909969.74 | 20.97 | I-9 PI |
| 184 | 859800.16 | 909974.23 | 20.77 | I-9 PI |
| 185 | 859792.68 | 909989.46 | 20.37 | I-9 PC |
| 186 | 859788.47 | 909990.73 | 20.32 | I-9 PCC |
| 187 | 859781.16 | 909979.63 | 20.53 | I-9 PT |
| 188 | 859780.29 | 909972.66 | 20.65 | I-9 PC |
| 189 | 859780.31 | 909954.08 | 21.04 | I-9 PCC |
| 190 | 859790.32 | 909946.96 | 21.49 | I-9 PCC |
| 191 | 859797.33 | 909950.50 | 21.53 | I-9 PCC |
| 192 | 859798.67 | 909954.53 | 21.42 | I-9 PT |
| 195 | 859808.60 | 909890.04 | 21.05 | I-10 PC |
| 196 | 859819.29 | 909895.50 | 20.98 | I-10 PT |
| 197 | 859806.20 | 909920.36 | 21.28 | I-10 PC |
| 198 | 859795.58 | 909914.77 | 21.40 | I-10 PT |

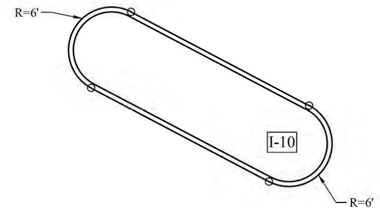
NOTES:

1. ALL ISLANDS WILL BE CONSTRUCTED WITH TYPE D CURB.
2. SEE GEOMETRY TABLE OBOVE FOR COORDINATES AND ELEVATIONS.

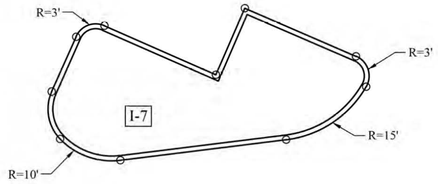
NOTE:
ALL ELEVATIONS SHOWN ARE NAVD 1988 DATUM WHICH IS 1.487' LOWER THAN NGVD 1929 DATUM



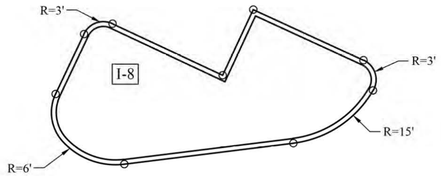

ISLAND # I-9 DETAIL



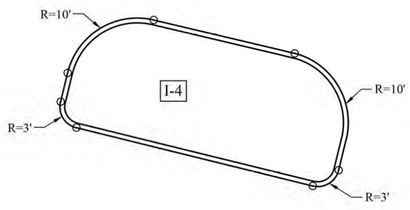

ISLAND # I-10 DETAIL



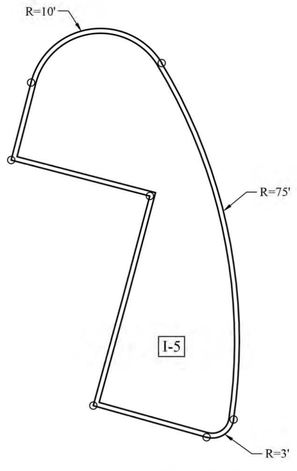

ISLAND # I-7 DETAIL



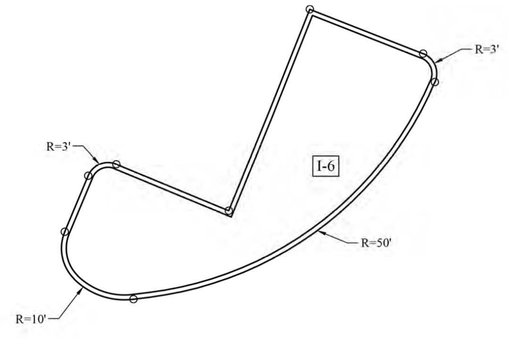

ISLAND # I-8 DETAIL



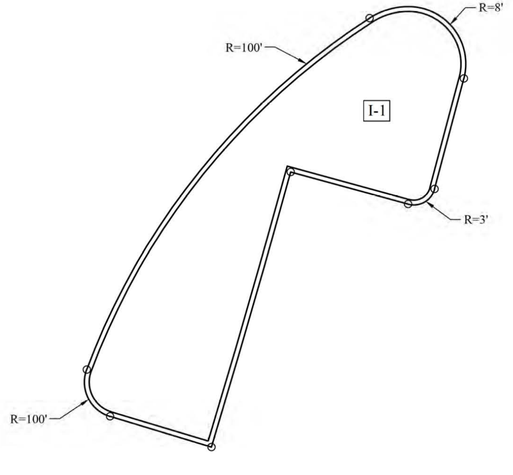

ISLAND # I-4 DETAIL



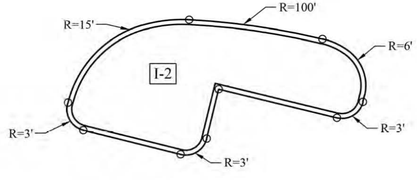

ISLAND # I-5 DETAIL



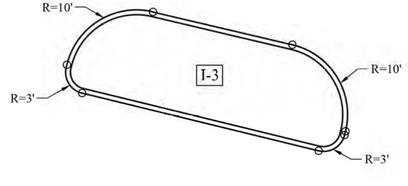

ISLAND # I-6 DETAIL




ISLAND # I-1 DETAIL




ISLAND # I-2 DETAIL




ISLAND # I-3 DETAIL

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1996

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|

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ROYAL PALM BEACH, FLORIDA 33411
PHONE: 561-753-2523 FAX: 561-753-9724
EB-26912 LB-7334

VILLAGE OF ROYAL PALM
COMMONS PARK UPGARDES

DETAILS

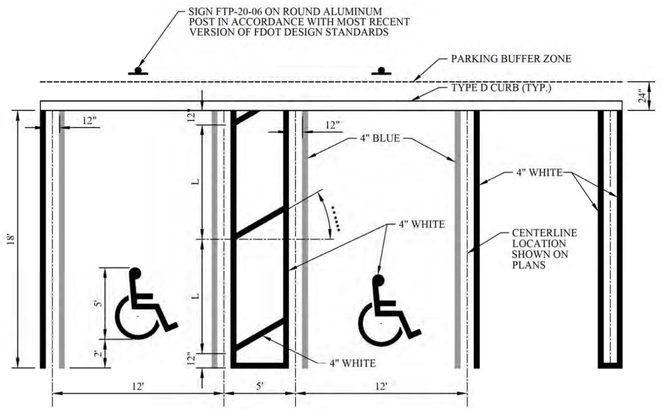
DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-19

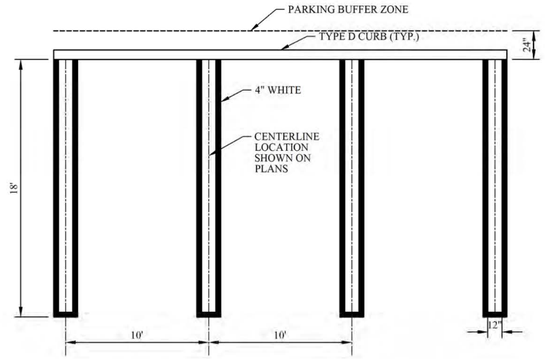
Sheet ___ of ___

Addendum 3
9/23/2020



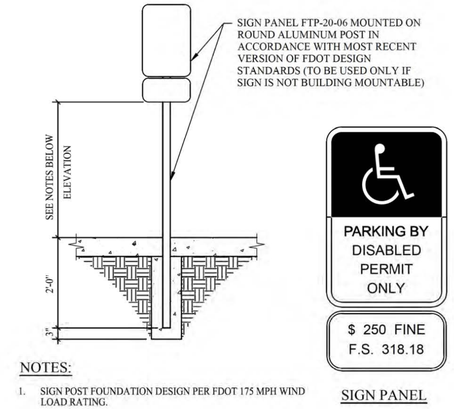

ACCESSIBLE PARKING SPACE DETAIL

N.T.S.




PARKING SPACE DETAIL

N.T.S.




NOTES:

1. SIGN POST FOUNDATION DESIGN PER FDOT 175 MPH WIND LOAD RATING.
2. DIMENSION HEIGHT OF SIGN IS 60"-72" ABOVE SIDEWALK FOR SIGNS MOUNTED ON FACE OF BUILDING AND POST MOUNTED SIGNS.

TYPICAL PARKING SIGN

N.T.S.

## PAVEMENT MARKING LEGEND

(SEE SHEET C-06 AND C-07 FOR LOCATIONS)

Ⓐ STOP SIGN R01-01

Ⓑ 24" WIDE WHITE STOP BAR

Ⓒ DOUBLE 6" YELLOW STRIPING SPACED 6" APART, CENTERED ON TRAVEL WAY

Ⓓ NEW PARKING SIGN (SEE TYPICAL PARKING SIGN DETAIL ABOVE)

Ⓔ SHARE USE SIGN R04-11

Ⓕ SHARED BIKE LANE PAVEMENT MARKING SYMBOL (SEE SHARED LANE MARKING DETAIL) 1

Ⓖ FLEXIBLE DELINEATOR POST, PER PBC TYPICAL PAVEMENT MARKINGS, SIGNING & GEOMETRICS (PAGE 12 OF 12)

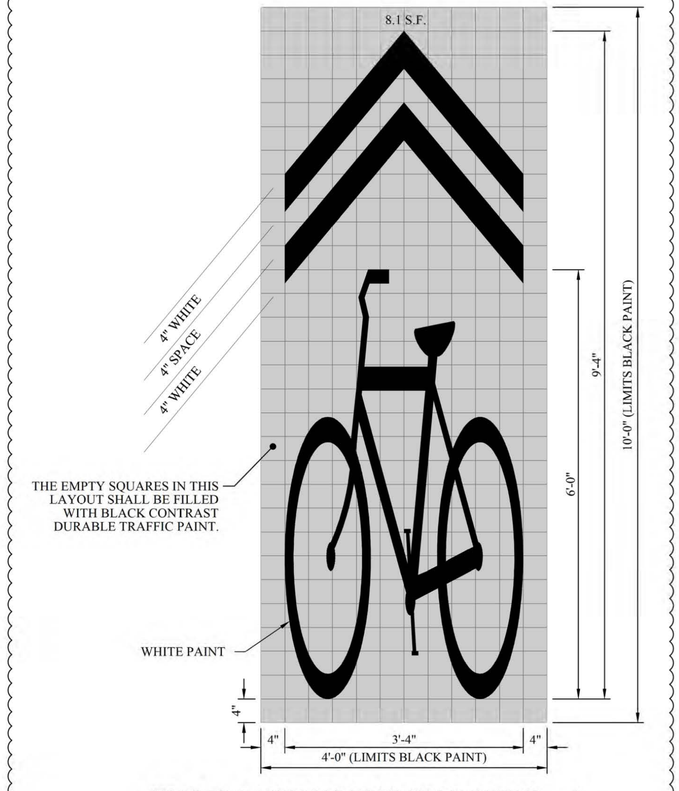
Ⓗ EXISTING PARKING SIGN (TO REMAIN)

Ⓙ EXISTING STOP SIGN (TO REMAIN) 1

Ⓚ DETECTABLE WARNING STRIP

NOTES:

1. REGULATORY, WARNING, AND GUIDE SIGNS AND OBJECT MARKERS SHALL BE RETROREFLECTIVE TO SHOW THE SAME SHAPE AND SIMILAR COLOR BY BOTH DAY AND NIGHT.
2. ALL SIGN FACES SHALL MEET 3M HIGH INTENSITY PRISMATIC REFLECTIVE SHEETING STANDARDS.
3. STRIPING IS TO BE THERMOPLASTIC ON ASPHALT, DURABLE TRAFFIC PAINT ON CONCRETE.
4. ALL WHITE MARKINGS ON CONCRETE PAVEMENT SHALL HAVE 1.5" BLACK CONTRAST PAINTED AROUND THE OUTER EDGE OF THE MARKING. BLACK CONTRAST PAINT SHALL BE NON-REFLECTIVE AND MEET ALL OTHER REQUIREMENTS OF DURABLE TRAFFIC PAINT PER FDOT. 1




SHARED LANE MARKING (SLM) DETAIL 1

N.T.S.

The Village of ROYAL PALM BEACH FLORIDA Incorporated 1968

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|
| 1 | Revise per Addendum 2 | 9/15/20 | D.G. |

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EB-25915 LB-7334

VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

DETAILS

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-20

Sheet ___ of ___

Addendum 3
9/23/2020

## SOUTH WEST PARKING LOT GEOMETRY TABLE

| POINT NO. | NORTHING | EASTING | NAVD 88 ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 201 | 859252.85 | 909098.98 | 18.81 | Verify Existing |
| 202 | 859227.86 | 909109.82 | 18.23 | Entrance Drive |
| 203 | 859198.40 | 909122.60 | 17.59 | Inlet S-50 |
| 204 | 859163.64 | 909137.68 | 17.96 | Conc. Drive |
| 205 | 859138.59 | 909148.54 | 18.22 | Inlet S-51 |
| 206 | 859122.95 | 909155.33 | 18.39 | Conc. Entrance Drive |
| 207 | 859113.53 | 909159.41 | 18.49 | CL Drive & Edge Conc. |
| 208 | 859234.40 | 909093.36 | 18.68 | Edge Conc. |
| 209 | 859216.05 | 909101.31 | 18.27 | Edge Conc. |
| 210 | 859206.94 | 909105.27 | 18.07 | Edge Island |
| 211 | 859193.42 | 909111.13 | 17.78 | Edge Island Low Point |
| 212 | 859174.83 | 909119.20 | 17.98 | Edge Island |
| 213 | 859158.71 | 909126.19 | 18.15 | Edge Conc. |
| 214 | 859142.71 | 909133.13 | 18.31 | Edge Conc. at Island |
| 215 | 859133.61 | 909137.07 | 18.41 | Edge Conc. at Island |
| 216 | 859109.65 | 909147.47 | 18.67 | Edge Conc. POC |
| 217 | 859139.93 | 909134.33 | 18.34 | Edge Conc. PC |
| 218 | 859121.97 | 909129.59 | 18.55 | Edge Conc. PT |
| 219 | 859244.35 | 909116.29 | 18.68 | Edge Conc. |
| 220 | 859232.88 | 909121.27 | 18.42 | Edge Conc. |
| 221 | 859221.41 | 909126.24 | 18.17 | Edge Conc |
| 222 | 859216.43 | 909128.40 | 18.06 | Edge Conc. at Island |
| 223 | 859203.37 | 909134.07 | 17.78 | Edge Conc Low Point |
| 224 | 859185.24 | 909141.93 | 17.97 | Edge Conc. at Island |
| 225 | 859180.13 | 909144.15 | 18.03 | Edge Conc |
| 226 | 859168.66 | 909149.12 | 18.15 | Edge Conc. |
| 227 | 859157.19 | 909154.10 | 18.27 | Edge Conc. |
| 228 | 859152.20 | 909156.26 | 18.32 | Edge Conc |
| 229 | 859143.56 | 909160.01 | 18.41 | Edge Conc Low Point |
| 230 | 859142.56 | 909160.44 | 18.42 | Edge Conc PC |
| 231 | 859133.63 | 909172.49 | 18.73 | Edge Conc. PT |
| 232 | 859131.60 | 909182.53 | 18.94 | Edge Conc. PRC |
| 233 | 859131.75 | 909205.55 | 19.40 | Edge Conc PC |
| 234 | 859133.90 | 909211.04 | 19.52 | Parking Edge |
| 235 | 859321.79 | 909289.10 | 20.33 | Verify Existing |
| 236 | 859262.67 | 909326.58 | 20.76 | Verify Existing |
| 237 | 859113.32 | 909173.13 | 18.74 | Edge Conc. POC |
| 238 | 859250.22 | 909129.30 | 18.74 | PT EOP |
| 239 | 859329.68 | 909278.10 | 20.34 | PC EOP |
| 240 | 859336.62 | 909279.70 | 20.24 | PT Verify Existing |
| 241 | 859225.92 | 909136.27 | 18.71 | Parking Space |
| 242 | 859209.41 | 909143.44 | 19.07 | Parking Space |
| 243 | 859261.02 | 909208.06 | 19.51 | Parking Space |
| 244 | 859245.12 | 909216.48 | 19.87 | Parking Space |
| 245 | 859265.70 | 909216.89 | 19.61 | Parking Space |
| 246 | 859249.80 | 909225.32 | 19.97 | Parking Space |
| 247 | 859305.99 | 909287.28 | 20.42 | Parking Space |
| 248 | 859290.78 | 909296.92 | 20.78 | Parking Space |
| 249 | 859184.63 | 909154.18 | 18.48 | Parking Space |
| 250 | 859201.15 | 909147.02 | 18.84 | Parking Space |
| 251 | 859221.26 | 909229.12 | 19.57 | Parking Space |
| 252 | 859237.16 | 909220.69 | 19.93 | Parking Space |
| 253 | 859225.94 | 909237.96 | 19.70 | Parking Space |
| 254 | 859241.85 | 909229.53 | 20.02 | Parking Space |
| 255 | 859267.98 | 909311.38 | 20.81 | Parking Space |
| 256 | 859283.18 | 909301.74 | 20.90 | Parking Space |
| 257 | 859161.70 | 909164.14 | 18.47 | Parking Space |
| 258 | 859145.18 | 909171.30 | 18.83 | Parking Space |
| 259 | 859196.68 | 909236.07 | 19.50 | Parking Space |
| 260 | 859180.74 | 909244.44 | 19.86 | Parking Space |
| 261 | 859201.33 | 909244.92 | 19.63 | Parking Space |
| 262 | 859185.39 | 909253.29 | 19.99 | Parking Space |
| 263 | 859246.86 | 909324.77 | 20.82 | Parking Space |
| 264 | 859231.66 | 909334.41 | 21.18 | Parking Space |
| 265 | 859122.00 | 909179.72 | 18.78 | CL Conc. Drive PRC |
| 266 | 859150.07 | 909203.14 | 19.61 | Parking Space |
| 267 | 859156.84 | 909256.99 | 20.11 | Parking Space |
| 268 | 859172.77 | 909248.62 | 20.20 | Parking Space |
| 269 | 859161.49 | 909265.84 | 20.23 | Parking Space |
| 270 | 859177.42 | 909257.47 | 20.32 | Parking Space |
| 271 | 859208.85 | 909348.86 | 21.33 | Parking Space |
| 272 | 859224.05 | 909339.23 | 21.42 | Parking Space |
| 273 | 859105.39 | 909199.82 | 19.35 | Parking Space |
| 274 | 859087.62 | 909201.25 | 19.71 | Parking Space |
| 275 | 859132.33 | 909264.03 | 20.06 | Parking Space |
| 276 | 859116.36 | 909272.34 | 20.42 | Parking Space |
| 277 | 859136.95 | 909272.90 | 20.17 | Parking Space |
| 278 | 859120.98 | 909281.21 | 20.53 | Parking Space |
| 279 | 859152.62 | 909301.99 | 20.55 | Parking Space |
| 280 | 859136.87 | 909310.70 | 20.91 | Parking Space |
| 281 | 859176.98 | 909344.45 | 21.10 | Parking Space |
| 282 | 859161.53 | 909353.68 | 21.42 | Parking Space |
| 283 | 859185.75 | 909359.01 | 21.30 | Parking Space |
| 284 | 859170.39 | 909368.39 | 21.61 | Parking Space |
| 285 | 859157.21 | 909356.25 | 21.71 | Verify Existing |
| 286 | 859159.78 | 909360.54 | 21.76 | Verify Existing |
| 287 | 859164.09 | 909357.98 | 21.47 | Sidewalk |
| 288 | 859332.35 | 909282.40 | 20.27 | Verify Existing |
| 289 | 859311.23 | 909295.79 | 20.39 | Verify Existing |
| 290 | 859273.23 | 909319.89 | 20.66 | Verify Existing |
| 291 | 859252.11 | 909333.28 | 20.85 | Verify Existing |
| 292 | 859214.11 | 909357.37 | 21.18 | Verify Existing |
| 293 | 859192.99 | 909370.76 | 21.35 | Verify Existing |

## SOUTH WEST PARKING LOT GEOMETRY TABLE

| POINT NO. | NORTHING | EASTING | NAVD 88 ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 295 | 859201.77 | 909066.22 | 18.81 | Conc. Edge |
| 296 | 859198.80 | 908999.78 | 18.99 | Conc. Edge H.P. |
| 297 | 859179.86 | 909006.20 | 19.29 | Conc. Edge H.P. |
| 298 | 859188.57 | 908968.36 | 18.34 | Conc. Edge PC |
| 299 | 859169.48 | 908974.32 | 18.64 | Conc. Edge PC |
| 300 | 859138.07 | 908901.62 | 16.97 | Conc. Edge PCC |
| 301 | 859127.08 | 908918.33 | 17.27 | Conc. Edge PCC |
| 302 | 859098.86 | 908890.11 | 16.36 | Conc. Edge VPI |
| 303 | 859097.06 | 908910.17 | 16.66 | Conc. Edge VPI |
| 304 | 859078.69 | 908893.30 | 16.25 | Conc. Edge VPI |
| 305 | 859085.88 | 908916.31 | 16.61 | CL Grass Conc. Edge |
| 306 | 859060.31 | 908902.18 | 16.36 | Conc. Edge VPI |
| 307 | 859077.95 | 908920.66 | 16.72 | Conc. Edge PT VPI |
| 308 | 859032.40 | 908940.52 | 16.77 | Conc. Edge VPI |
| 309 | 859056.41 | 908947.51 | 17.14 | Conc. Edge VPI |
| 310 | 859026.62 | 908982.10 | 17.16 | Conc. Edge VPI |
| 311 | 859051.61 | 908981.06 | 17.54 | Conc. Edge VPI |
| 312 | 859026.84 | 908989.24 | 17.19 | Conc. Edge Parking |
| 313 | 859055.15 | 909010.03 | 17.81 | Conc. Edge VPI |
| 314 | 859031.26 | 909017.50 | 17.32 | Conc. Edge VPI |
| 315 | 859061.54 | 909030.72 | 17.99 | Conc. Edge VPI |
| 316 | 859037.79 | 909038.52 | 17.49 | Conc. Edge VPI |
| 317 | 859109.84 | 909117.52 | 18.67 | Conc. Edge VPI |
| 318 | 859075.45 | 909071.16 | 18.49 | Conc. Edge VPI |
| 319 | 859067.81 | 908897.75 | 16.31 | Conc. Edge |
| 320 | 859039.89 | 908877.39 | 15.80 | Verify Existing |
| 321 | 859035.20 | 908883.87 | 15.88 | Verify Existing |
| 322 | 859042.44 | 908889.15 | 16.02 | Parking EOP |
| 323 | 859028.50 | 908908.26 | 16.30 | Parking EOP PCC |
| 324 | 859015.12 | 908935.48 | 16.68 | Parking EOP PCC |
| 325 | 859008.91 | 908990.87 | 17.35 | Parking EOP |
| 326 | 859009.81 | 909000.83 | 17.34 | Parking EOP |
| 327 | 859011.33 | 909010.68 | 17.26 | Parking EOP |
| 328 | 859014.06 | 909022.87 | 17.39 | Parking EOP |
| 329 | 859020.69 | 909044.13 | 17.71 | Parking EOP |
| 330 | 859047.97 | 909120.47 | 19.13 | Parking EOP |
| 331 | 859064.76 | 909113.97 | 19.04 | Parking EOP |
| 332 | 859022.42 | 909020.24 | 17.27 | Parking Drainage |
| 333 | 859027.75 | 908999.19 | 17.24 | Parking |
| 334 | 859202.96 | 909096.09 | 18.36 | Island Edge |
| 335 | 859170.85 | 909110.02 | 18.17 | Island Edge |
| 336 | 859112.41 | 909176.90 | 18.81 | Edge Conc. PRC |
| 337 | 859070.85 | 909111.61 | 19.00 | Conc. Edge PC |
| 338 | 859109.82 | 908992.95 | 18.20 | Grass-Drive |
| 339 | 859128.61 | 909049.06 | 19.30 | Grass-Drive |
| 340 | 859155.21 | 909084.44 | 18.51 | Grass-Drive |
| 341 | 859143.57 | 909088.99 | 18.70 | Grass-Drive |
| 342 | 859128.53 | 909084.80 | 18.99 | Grass-Drive |
| 343 | 859116.84 | 909053.27 | 19.30 | Grass-Drive |
| 344 | 859140.38 | 909044.85 | 19.30 | Grass-Drive |
| 345 | 859121.75 | 908989.23 | 18.20 | Grass-Drive |
| 346 | 859097.89 | 908996.68 | 18.20 | Grass-Drive |
| 347 | 859012.13 | 909014.74 | 17.33 | Edge Conc. |
| 348 | 859013.49 | 909020.65 | 17.35 | Edge Conc. |
| 349 | 859214.11 | 909096.71 | 18.34 | Edge Conc. |
| 350 | 859209.54 | 909098.69 | 18.28 | Edge Conc. |
| 351 | 859168.25 | 909116.60 | 18.09 | Edge Conc. |
| 352 | 859156.77 | 909121.58 | 18.22 | Edge Conc. |
| 353 | 859145.30 | 909126.55 | 18.30 | Edge Conc. |
| 354 | 859097.90 | 909133.56 | 18.78 | Edge Conc. PRC |
| 355 | 859076.53 | 909113.11 | 18.92 | Edge Conc. PT |
| 356 | 859120.43 | 909200.43 | 19.08 | CL Drive PT |
| 357 | 859121.50 | 909208.42 | 19.20 | CL Drive PC |
| 358 | 859126.06 | 909223.58 | 19.42 | CL Drive PT |
| 359 | 859203.55 | 909364.07 | 21.26 | CL Drive Verify Existing |
| 360 | 859103.87 | 909125.54 | 18.72 | CL Conc. Drive PRC |
| 361 | 859076.15 | 909095.41 | 18.72 | CL Conc. Drive PT |
| 362 | 859066.51 | 909079.93 | 18.48 | CL Conc. Drive PC |
| 363 | 859061.86 | 909070.27 | 18.32 | CL Conc. Drive PT |
| 364 | 859097.59 | 909096.68 | 18.92 | Edge Island PC |
| 365 | 859111.73 | 909091.25 | 19.22 | Edge Island PI |
| 366 | 859123.05 | 909119.85 | 18.80 | Edge Island PI |
| 367 | 859134.89 | 909114.72 | 18.61 | Edge Island PC |
| 368 | 859141.50 | 909117.40 | 18.45 | Edge Island PT |
| 369 | 859130.16 | 909197.50 | 19.24 | Edge Conc. |
| 370 | 859109.99 | 909194.75 | 19.15 | Edge Conc. PC |
| 371 | 859095.69 | 909104.72 | 18.80 | Edge Conc. PC |
| 1001 | 859019.89 | 909008.89 | 17.15 | DSP-5 Field Inlet |

NOTE:
ALL ELEVATIONS SHOWN ARE NAVD 1988 DATUM WHICH IS 1.487' LOWER THAN NGVD 1929 DATUM

## NORTH EAST PARKING LOT GEOMETRY TABLE

| POINT NO. | NORTHING | EASTING | NAVD 88 ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 501 | 859849.83 | 909811.73 | 20.46 | E.O.P. Verify Existing |
| 502 | 860028.13 | 909888.51 | 18.03 | Centerline |
| 503 | 859817.22 | 909873.67 | 20.88 | E.O.P. Asphalt |
| 504 | 860017.34 | 909958.85 | 18.22 | Centerline |
| 505 | 860043.98 | 909880.71 | 17.80 | E.O.P. Asphalt |
| 506 | 860039.93 | 909892.60 | 17.87 | Centerline |
| 507 | 859855.65 | 909800.67 | 20.40 | E.O.P. Verify Existing |
| 508 | 859864.56 | 909805.21 | 20.52 | E.O.P. Asphalt |
| 509 | 859872.94 | 909789.28 | 20.69 | E.O.P. Asphalt |
| 510 | 859947.53 | 909843.83 | 19.36 | E.O.P. Asphalt |
| 511 | 859954.53 | 909827.25 | 19.54 | E.O.P. Asphalt |
| 512 | 859956.74 | 909847.72 | 19.23 | E.O.P. Asphalt |
| 513 | 859963.74 | 909831.13 | 19.41 | E.O.P. Asphalt |
| 514 | 860032.31 | 909876.73 | 18.21 | E.O.P. Asphalt |
| 515 | 860038.42 | 909859.80 | 18.39 | E.O.P. Asphalt |
| 516 | 859844.00 | 909822.79 | 20.52 | E.O.P. Asphalt |
| 517 | 859859.16 | 909830.49 | 20.43 | E.O.P. Asphalt |
| 518 | 859851.11 | 909846.58 | 20.79 | E.O.P. Asphalt |
| 519 | 859931.68 | 909864.24 | 19.44 | E.O.P. Asphalt |
| 520 | 859924.55 | 909880.76 | 19.80 | E.O.P. Asphalt |
| 521 | 859949.18 | 909871.65 | 19.21 | E.O.P. Asphalt |
| 522 | 859942.27 | 909888.27 | 19.57 | E.O.P. Asphalt |
| 523 | 860014.65 | 909896.99 | 18.34 | E.O.P. Asphalt |
| 524 | 860008.84 | 909914.03 | 18.69 | E.O.P. Asphalt |
| 525 | 860024.08 | 909900.34 | 18.12 | E.O.P. Asphalt |
| 526 | 859823.04 | 909862.61 | 20.83 | E.O.P. Asphalt |
| 527 | 859839.03 | 909870.73 | 20.85 | E.O.P. Asphalt |
| 528 | 859847.08 | 909854.63 | 21.03 | E.O.P. Asphalt |
| 529 | 859913.85 | 909905.55 | 19.83 | E.O.P. Asphalt |
| 530 | 859920.98 | 909889.03 | 20.01 | E.O.P. Asphalt |
| 531 | 859931.90 | 909913.20 | 19.59 | E.O.P. Asphalt |
| 532 | 859938.81 | 909896.58 | 19.77 | E.O.P. Asphalt |
| 533 | 860000.12 | 909939.59 | 18.69 | E.O.P. Asphalt |
| 534 | 860005.94 | 909922.55 | 18.87 | E.O.P. Asphalt |
| 535 | 860009.55 | 909942.93 | 18.35 | E.O.P. Asphalt |
| 536 | 860037.23 | 909878.41 | 18.04 | P.T. Asphalt |
| 537 | 860051.08 | 909883.14 | 17.91 | P.T. Asphalt |
| 538 | 860054.20 | 909889.48 | 18.02 | P.T. Asphalt |
| 539 | 860051.78 | 909896.58 | 18.06 | P.T. Asphalt |
| 540 | 860033.96 | 909948.82 | 18.24 | P.T. Asphalt |
| 541 | 860022.13 | 909944.78 | 18.15 | P.T. Asphalt |
| 542 | 860010.29 | 909940.74 | 18.34 | P.T. Asphalt |
| 543 | 860029.19 | 909962.84 | 18.39 | Centerline |
| 544 | 860025.14 | 909974.66 | 18.51 | E.O.P. Asphalt |
| 545 | 860032.26 | 909953.79 | 18.29 | E.O.P. Asphalt |
| 546 | 859811.40 | 909884.74 | 21.00 | E.O.P. Verify Existing |
| 547 | 859822.08 | 909890.19 | 20.92 | E.O.P. Asphalt |
| 548 | 860013.29 | 909970.68 | 18.41 | E.O.P. Asphalt |
| 561 | 860035.62 | 909964.95 | 18.47 | Edge Conc. |
| 562 | 860065.78 | 909974.45 | 18.92 | Centerline P.R.C. |
| 563 | 860100.00 | 909991.63 | 19.47 | Loop Drive H.P. |
| 564 | 860142.65 | 910107.91 | 18.60 | Loop Drive P.T. |
| 565 | 860123.02 | 910191.23 | 18.16 | Centerline Loop Drive |
| 566 | 860113.64 | 910231.04 | 17.93 | Loop Drive P.C. |
| 567 | 860004.70 | 910295.19 | 17.93 | Loop Drive P.C.C. |
| 568 | 859912.40 | 910266.44 | 17.84 | Loop Drive V.P.I. |
| 569 | 859833.37 | 910237.40 | 17.41 | Loop Drive P.C.C. |
| 570 | 859794.26 | 910186.95 | 18.02 | Loop Drive P.T. |
| 571 | 859781.07 | 910080.57 | 18.56 | Loop Drive Crosswalk |
| 572 | 859767.89 | 909974.20 | 20.46 | Centerline P.T. |
| 573 | 859777.30 | 909922.68 | 21.41 | P.C. |
| 574 | 859797.52 | 909884.27 | 20.87 | E.O.P. Verify Existing |
| 575 | 859881.04 | 910116.46 | 19.84 | H.P. |
| 576 | 859954.37 | 910143.40 | 19.53 | Centerline Intersection |
| 577 | 860034.89 | 910168.62 | 19.53 | Centerline |
| 581 | 860038.58 | 909955.90 | 18.37 | Edge Conc. |
| 582 | 860031.74 | 909976.84 | 18.62 | Edge Conc. |
| 583 | 860068.03 | 909967.01 | 18.81 | Edge Conc. |
| 584 | 860062.15 | 909986.41 | 19.11 | Edge Conc. |
| 585 | 860075.51 | 909969.84 | 18.92 | P.C. Edge Conc. |
| 586 | 860068.45 | 909988.55 | 19.22 | P.R.C. Edge Conc. |
| 587 | 860149.95 | 910109.63 | 18.49 | P.T. Edge Conc. |
| 588 | 860130.48 | 910105.04 | 18.79 | P.T. Edge Conc. |
| 589 | 860130.34 | 910192.88 | 18.05 | P.C. & V.P.I. Edge Conc. |
| 590 | 860110.84 | 910188.41 | 18.35 | V.P.I. Edge Conc. |
| 591 | 860120.94 | 910232.76 | 17.82 | P.C. Edge Conc |
| 592 | 860101.47 | 910228.18 | 18.12 | P.C. Edge Conc |
| 593 | 860002.67 | 910302.41 | 17.82 | P.C.C. Edge Conc |
| 594 | 860008.10 | 910283.16 | 18.12 | P.C.C. Edge Conc |
| 595 | 859909.98 | 910273.54 | 17.74 | Edge Conc. |
| 596 | 859916.43 | 910254.61 | 18.00 | Edge Conc. |
| 597 | 859837.95 | 910225.78 | 17.57 | P.C. Edge Conc |
| 598 | 859830.62 | 910244.38 | 17.31 | P.C. Edge Conc |
| 599 | 859802.22 | 910223.72 | 17.70 | P.I. Edge Conc |
| 600 | 859808.01 | 910218.95 | 17.70 | P.I. Centerline |
| 601 | 859817.66 | 910211.01 | 17.87 | P.I. Centerline |
| 602 | 859785.11 | 910202.92 | 18.10 | P.I. Centerline |
| 603 | 859781.85 | 910188.48 | 18.21 | Edge Conc. |
| 604 | 859806.67 | 910185.41 | 18.21 | Edge Conc. |
| 605 | 859768.67 | 910082.11 | 18.75 | Edge Conc. |
| 606 | 859793.48 | 910079.04 | 18.75 | Edge Conc. |
| 607 | 859755.48 | 909975.74 | 20.65 | Edge Drive |
| 608 | 859780.29 | 909972.66 | 20.65 | Edge Conc |

## NORTH EAST PARKING LOT GEOMETRY TABLE

| POINT NO. | NORTHING | EASTING | NAVD 88 ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 609 | 859766.24 | 909916.86 | 21.60 | Edge Conc |
| 610 | 859788.36 | 909928.50 | 21.60 | Edge Conc |
| 611 | 859786.43 | 909878.49 | 21.12 | E.O.P. Verify Existing |
| 612 | 859808.60 | 909890.04 | 21.05 | E.O.P. Verify Existing |
| 621 | 859761.41 | 909887.38 | 21.57 | Edge Parking |
| 622 | 859750.31 | 909908.47 | 21.87 | P.T. Edge Parking |
| 623 | 859737.62 | 909977.95 | 20.92 | P.C. Edge Parking |
| 624 | 859739.49 | 909993.02 | 20.65 | Edge Parking |
| 625 | 859757.35 | 909990.81 | 20.38 | Edge Parking |
| 626 | 859758.58 | 910000.73 | 20.20 | Edge Parking |
| 627 | 859740.72 | 910002.95 | 20.47 | Edge Parking |
| 628 | 859750.81 | 910084.32 | 19.02 | Edge Parking |
| 629 | 859753.51 | 910106.16 | 18.91 | Edge Parking |
| 630 | 859771.38 | 910103.94 | 18.64 | Edge Parking |
| 631 | 859772.61 | 910113.87 | 18.59 | Edge Parking |
| 632 | 859754.74 | 910116.08 | 18.86 | Edge Parking |
| 633 | 859763.99 | 910190.70 | 18.48 | Edge Parking |
| 634 | 859768.03 | 910208.60 | 18.37 | Edge Parking |
| 651 | 859760.70 | 909880.83 | 22.18 | Sidewalk Verify Existing |
| 652 | 859757.75 | 909885.75 | 22.29 | Sidewalk Verify Existing |
| 653 | 859750.89 | 909881.61 | 22.36 | Sidewalk Verify Existing |
| 654 | 859755.41 | 909890.18 | 22.27 | Sidewalk |
| 655 | 859748.55 | 909886.04 | 22.34 | Sidewalk |
| 656 | 859755.46 | 909898.69 | 21.73 | Sidewalk |
| 657 | 859751.92 | 909896.83 | 21.79 | Sidewalk |
| 658 | 859744.84 | 909893.10 | 21.83 | Sidewalk |
| 659 | 859753.13 | 909903.12 | 21.79 | Sidewalk |
| 660 | 859749.59 | 909901.25 | 21.79 | Sidewalk |
| 661 | 859742.51 | 909897.53 | 21.83 | Sidewalk |
| 662 | 859746.77 | 909906.61 | 21.75 | Sidewalk |
| 663 | 859739.68 | 909902.90 | 21.75 | Sidewalk |
| 664 | 859732.79 | 909967.48 | 21.39 | Sidewalk |
| 665 | 859724.80 | 909967.74 | 21.27 | Sidewalk |
| 666 | 859721.61 | 909980.80 | 21.16 | Sidewalk |
| 667 | 859712.37 | 909997.27 | 20.87 | Sidewalk Verify Existing |
| 668 | 859718.76 | 910000.31 | 20.92 | Sidewalk Verify Existing |
| 669 | 859728.43 | 910001.38 | 21.02 | Sidewalk |
| 670 | 859735.85 | 910061.20 | 19.78 | Sidewalk |
| 671 | 859720.36 | 910064.84 | 19.64 | Sidewalk Verify Existing |
| 672 | 859714.74 | 910067.33 | 19.54 | Sidewalk Verify Existing |
| 673 | 859740.74 | 910108.61 | 18.94 | Sidewalk Verify Existing |
| 674 | 859735.25 | 910111.03 | 19.05 | Sidewalk Verify Existing |
| 675 | 859748.66 | 910094.67 | 18.98 | Sidewalk |
| 676 | 859746.84 | 910084.82 | 19.06 | Sidewalk |
| 677 | 859752.04 | 910094.25 | 18.97 | Sidewalk |
| 678 | 859735.75 | 909995.36 | 21.25 | Sidewalk |
| 679 | 859743.79 | 910060.22 | 19.66 | Sidewalk |
| 691 | 860131.51 | 910187.89 | 18.08 | Sidewalk |
| 692 | 860129.22 | 910197.63 | 18.02 | Sidewalk |
| 693 | 860136.38 | 910189.04 | 18.00 | Sidewalk |
| 694 | 860134.08 | 910198.77 | 17.95 | Sidewalk |
| 695 | 860155.85 | 910193.62 | 17.70 | Sidewalk |
| 696 | 860153.55 | 910203.36 | 17.65 | Sidewalk |
| 697 | 860158.09 | 910194.15 | 17.72 | Sidewalk |
| 698 | 860166.11 | 910200.70 | 17.79 | Sidewalk |
| 699 | 860173.92 | 910198.65 | 17.86 | Sidewalk Verify Existing |
| 700 | 860174.98 | 910195.96 | 17.87 | Sidewalk Verify Existing |
| 701 | 860185.96 | 910200.15 | 18.02 | Sidewalk Verify Existing |
| 702 | 860175.30 | 910230.53 | 17.93 | Sidewalk Verify Existing |
| 703 | 860163.75 | 910226.82 | 17.79 | Sidewalk Verify Existing |
| 704 | 860166.69 | 910218.30 | 17.81 | Sidewalk Verify Existing |
| 705 | 860165.12 | 910212.80 | 17.79 | Sidewalk Verify Existing |
| 706 | 859797.08 | 910069.68 | 18.87 | Sidewalk Verify Existing |
| 707 | 859815.38 | 910099.89 | 18.98 | Sidewalk Verify Existing |
| 708 | 860094.86 | 910194.85 | 18.50 | Sidewalk Verify Existing |
| 721 | 859792.03 | 910067.34 | 18.96 | Edge Conc. |
| 722 | 859794.93 | 910090.70 | 18.69 | Edge Conc. |
| 723 | 859799.92 | 910070.99 | 18.83 | Transition Edge |
| 724 | 859811.10 | 910097.99 | 18.94 | Transition Edge |
| 725 | 859844.70 | 910090.79 | 19.47 | Edge Conc. |
| 726 | 859836.89 | 910109.20 | 19.21 | Edge Conc. |
| 727 | 859884.70 | 910107.16 | 19.99 | Edge Conc. |
| 728 | 859877.37 | 910125.76 | 19.69 | Edge Conc. |
| 729 | 859957.60 | 910133.94 | 19.66 | Edge Conc. |
| 730 | 859951.14 | 910152.87 | 19.40 | Edge Conc. |
| 731 | 860037.64 | 910159.01 | 19.63 | Edge Conc. |
| 732 | 860032.14 | 910178.24 | 19.43 | Edge Conc. |
| 733 | 860103.35 | 910176.34 | 18.56 | Edge Conc. |
| 734 | 860098.88 | 910195.83 | 18.44 | Edge Conc. |
| 735 | 860113.14 | 910178.67 | 18.40 | Edge Conc. |
| 736 | 860107.98 | 910200.57 | 18.28 | Edge Conc. |
| 801 | 859787.00 | 909931.22 | 21.53 | Edge Conc. |
| 802 | 859797.63 | 909936.66 | 21.47 | Edge Conc. |
| 803 | 859892.19 | 909980.58 | 20.34 | Edge Conc. |
| 804 | 859928.75 | 909995.53 | 19.93 | Edge Conc. |
| 805 | 859996.34 | 910020.37 | 19.38 | Edge Conc. |
| 806 | 860070.60 | 910043.62 | 19.90 | Centerline |
| 807 | 860112.97 | 910055.08 | 19.35 | Centerline |
| 808 | 860130.55 | 910059.45 | 19.13 | Edge Conc. |
| 811 | 859783.99 | 910002.50 | 20.12 | Edge Conc. |
| 812 | 859798.80 | 910009.70 | 20.05 | Centerline |
| 813 | 859830.99 | 910024.71 | 19.90 | Centerline |
| 814 | 859904.89 | 910056.00 | 20.42 | Centerline |

The Village of ROYAL PALM BEACH FLORIDA INCORPORATED 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

GEOMETRY TABLES

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-21

Sheet ___ of ___

Addendum 3
9/23/2020

## NORTH EAST PARKING LOT GEOMETRY TABLE

| POINT NO. | NORTHING | EASTING | NAVD 88 ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 815 | 859975.36 | 910081.88 | 20.21 | Centerline |
| 816 | 860052.74 | 910106.12 | 20.20 | Centerline |
| 817 | 860118.55 | 910123.43 | 18.83 | Centerline |
| 818 | 860125.75 | 910125.14 | 18.68 | Edge Conc. |
| 821 | 859802.82 | 910154.43 | 18.36 | Edge Conc. |
| 822 | 859815.99 | 910160.08 | 18.42 | Centerline |
| 823 | 859857.20 | 910176.93 | 18.61 | Centerline |
| 824 | 859933.38 | 910204.92 | 18.68 | Centerline |
| 825 | 860017.03 | 910231.12 | 18.76 | Centerline |
| 826 | 860052.37 | 910240.82 | 18.49 | Centerline |
| 828 | 860092.06 | 910250.76 | 18.12 | Edge Conc. |
| 829 | 859791.60 | 909922.34 | 21.51 | Edge Conc. |
| 830 | 859798.81 | 909926.04 | 21.39 | Edge Conc. Phase 2 |
| 831 | 859783.30 | 909940.57 | 21.33 | Edge Conc. Phase 2 |
| 832 | 859794.74 | 909946.40 | 21.55 | Edge Conc. Phase 2 |
| 833 | 859802.14 | 909927.73 | 21.37 | Edge Conc. Phase 2 |
| 834 | 859896.09 | 909971.37 | 20.29 | Edge Conc. Phase 2 |
| 835 | 859888.28 | 909989.79 | 20.39 | Edge Conc. Phase 2 |
| 836 | 859932.42 | 909986.23 | 19.82 | Edge Conc. Phase 2 |
| 837 | 859925.08 | 910004.84 | 20.04 | Edge Conc. Phase 2 |
| 838 | 859999.57 | 910010.90 | 19.19 | Edge Conc. Phase 2 |
| 839 | 859993.11 | 910029.83 | 19.56 | Edge Conc. Phase 2 |
| 840 | 860073.35 | 910034.01 | 19.77 | Edge Conc. Phase 2 |
| 841 | 860067.85 | 910053.24 | 20.03 | Edge Conc. Phase 2 |
| 842 | 860106.25 | 910043.01 | 19.37 | Edge Conc. Phase 2 |
| 843 | 860110.50 | 910064.77 | 19.45 | Edge Conc. Phase 2 |
| 844 | 860117.90 | 910066.64 | 19.36 | Edge Conc. Phase 2 |
| 845 | 860127.28 | 910048.36 | 19.22 | Edge Conc. Phase 2 |
| 846 | 860132.43 | 910070.20 | 19.05 | Edge Conc. Phase 2 |
| 851 | 859782.52 | 909990.61 | 20.33 | Edge Conc. Phase 2 |
| 852 | 859785.46 | 910014.36 | 19.91 | Edge Conc. Phase 2 |
| 853 | 859790.24 | 909994.43 | 20.26 | Edge Grass Drive Phase 2 |
| 854 | 859801.92 | 910022.27 | 19.87 | Edge Conc. Phase 2 |
| 855 | 859803.13 | 910000.69 | 20.20 | Edge Conc. Phase 2 |
| 856 | 859835.12 | 910015.61 | 20.03 | Edge Conc. Phase 2 |
| 857 | 859826.86 | 910033.82 | 19.77 | Edge Conc. Phase 2 |
| 858 | 859908.55 | 910046.69 | 20.50 | Edge Conc. Phase 2 |
| 859 | 859901.22 | 910065.30 | 20.35 | Edge Conc. Phase 2 |
| 860 | 859978.58 | 910072.42 | 20.31 | Edge Conc. Phase 2 |
| 861 | 859972.13 | 910091.35 | 20.11 | Edge Conc. Phase 2 |
| 862 | 860055.49 | 910096.51 | 20.28 | Edge Conc. Phase 2 |
| 863 | 860050.00 | 910115.74 | 20.12 | Edge Conc. Phase 2 |
| 864 | 860118.25 | 910113.07 | 18.94 | Edge Conc. Phase 2 |
| 865 | 860113.79 | 910132.56 | 18.83 | Edge Conc. Phase 2 |
| 866 | 860128.04 | 910115.41 | 18.73 | Edge Conc. Phase 2 |
| 867 | 860123.45 | 910134.87 | 18.63 | Edge Conc. Phase 2 |
| 868 | 859801.40 | 910142.90 | 18.42 | Edge Conc. Phase 2 |
| 869 | 859804.25 | 910165.94 | 18.31 | Edge Conc. Phase 2 |
| 870 | 859811.94 | 910147.47 | 18.47 | Edge Conc. Phase 2 |
| 871 | 859819.90 | 910150.87 | 18.52 | Edge Conc. Phase 2 |
| 872 | 859820.17 | 910172.68 | 18.34 | Edge Conc. Phase 2 |
| 873 | 859860.87 | 910167.63 | 18.81 | Edge Conc. Phase 2 |
| 874 | 859853.53 | 910186.23 | 18.41 | Edge Conc. Phase 2 |
| 875 | 859936.61 | 910195.46 | 18.81 | Edge Conc. Phase 2 |
| 876 | 859930.16 | 910214.39 | 18.55 | Edge Conc. Phase 2 |
| 877 | 860019.78 | 910221.51 | 18.88 | Edge Conc. Phase 2 |
| 878 | 860014.29 | 910240.74 | 18.64 | Edge Conc. Phase 2 |
| 879 | 860054.91 | 910231.14 | 18.57 | Edge Conc. Phase 2 |
| 880 | 860049.83 | 910250.49 | 18.40 | Edge Conc. Phase 2 |
| 881 | 860065.22 | 910254.46 | 18.28 | Edge Conc. Phase 2 |
| 882 | 860081.19 | 910237.84 | 18.29 | Edge Conc. Phase 2 |
| 883 | 860096.92 | 910241.63 | 18.12 | Edge Conc. Phase 2 |
| 884 | 860085.66 | 910259.51 | 18.12 | Edge Conc. Phase 2 |
| 890 | 859880.80 | 909779.25 | 19.80 | Swale |
| 891 | 859916.84 | 909795.82 | 19.30 | Swale |
| 892 | 859978.90 | 909823.57 | 18.40 | Swale |
| 893 | 860042.61 | 909847.69 | 17.50 | Swale |
| 901 | 859800.96 | 910068.72 | 18.84 | Grass Drive Phase 1 |
| 902 | 859817.11 | 910103.38 | 18.99 | Grass Drive Phase 1 |
| 903 | 859845.68 | 910088.49 | 19.50 | Grass Drive Phase 1 |
| 904 | 859835.91 | 910111.50 | 19.18 | Grass Drive Phase 1 |
| 905 | 859885.62 | 910104.83 | 20.03 | Grass Drive Phase 1 |
| 906 | 859876.45 | 910128.09 | 19.65 | Grass Drive Phase 1 |
| 907 | 859950.33 | 910155.23 | 19.37 | Grass Drive Phase 1 |
| 908 | 859958.41 | 910131.57 | 19.69 | Grass Drive Phase 1 |
| 909 | 860037.64 | 910159.01 | 19.63 | Grass Drive Phase 1 |
| 910 | 860032.14 | 910178.24 | 19.43 | Grass Drive Phase 1 |
| 911 | 860091.36 | 910196.57 | 18.53 | Grass Drive Phase 1 |
| 912 | 860100.48 | 910173.07 | 18.63 | Grass Drive Phase 1 |
| 921 | 859812.77 | 909907.89 | 21.13 | Grass Parking Phase 2 |
| 922 | 860006.83 | 909989.61 | 18.78 | Grass Parking Phase 2 |
| 923 | 860057.27 | 910005.83 | 19.26 | Grass Parking Phase 2 |
| 924 | 859768.43 | 910215.39 | 18.13 | Grass Parking Phase 2 |
| 925 | 859782.91 | 910239.59 | 17.71 | Grass Parking Phase 2 |
| 926 | 859821.45 | 910267.64 | 16.99 | Grass Parking Phase 2 |
| 927 | 859901.90 | 910297.20 | 17.41 | Grass Parking Phase 2 |
| 928 | 859995.87 | 910326.47 | 17.44 | Grass Parking Phase 2 |
| 929 | 860096.25 | 910310.00 | 17.44 | Grass Parking Phase 2 |
| 930 | 860145.27 | 910238.50 | 17.44 | Grass Parking Phase 2 |
| 931 | 860174.28 | 910115.36 | 18.11 | Grass Parking Phase 2 |
| 932 | 860155.56 | 910004.40 | 18.71 | Grass Parking Phase 2 |
| 933 | 860084.33 | 909946.45 | 18.54 | Grass Parking Phase 2 |
| 934 | 860047.40 | 909932.51 | 18.11 | Grass Parking Phase 2 |

## NORTH EAST PARKING LOT GEOMETRY TABLE

| POINT NO. | NORTHING | EASTING | NAVD 88 ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 941 | 859809.32 | 910050.55 | 19.37 | Grass Parking Phase 2 |
| 942 | 859853.50 | 910070.08 | 19.74 | Grass Parking Phase 2 |
| 943 | 859892.96 | 910086.23 | 20.18 | Grass Parking Phase 2 |
| 944 | 859964.86 | 910112.64 | 19.87 | Grass Parking Phase 2 |
| 945 | 860043.82 | 910137.37 | 19.95 | Grass Parking Phase 2 |
| 946 | 860105.22 | 910153.64 | 18.78 | Grass Parking Phase 2 |
| 947 | 859809.08 | 910121.70 | 19.15 | Grass Parking Phase 2 |
| 948 | 859818.35 | 910125.74 | 18.86 | Grass Parking Phase 2 |
| 949 | 859828.10 | 910129.91 | 18.93 | Grass Parking Phase 2 |
| 950 | 859869.12 | 910146.70 | 19.26 | Grass Parking Phase 2 |
| 951 | 859943.88 | 910174.16 | 19.11 | Grass Parking Phase 2 |
| 952 | 860025.96 | 910199.87 | 19.16 | Grass Parking Phase 2 |
| 953 | 860086.57 | 910215.99 | 18.41 | Grass Parking Phase 2 |
| 955 | 859846.89 | 910207.80 | 17.97 | Grass Parking Phase 2 |
| 956 | 859922.89 | 910235.68 | 18.26 | Grass Parking Phase 2 |
| 957 | 860008.10 | 910262.37 | 18.36 | Grass Parking Phase 2 |
| 958 | 860019.45 | 910265.57 | 18.37 | Grass Parking Phase 2 |
| 961 | 859803.45 | 909925.59 | 21.34 | Grass Edge Drive Phase 2 |
| 962 | 859800.01 | 909951.84 | 21.50 | Grass Edge Drive Phase 2 |
| 963 | 859897.07 | 909969.07 | 20.28 | Grass Edge Drive Phase 2 |
| 964 | 859887.31 | 909992.09 | 20.41 | Grass Edge Drive Phase 2 |
| 965 | 859933.33 | 909983.90 | 19.79 | Grass Edge Drive Phase 2 |
| 966 | 859924.17 | 910007.16 | 20.07 | Grass Edge Drive Phase 2 |
| 967 | 860000.38 | 910008.54 | 19.15 | Grass Edge Drive Phase 2 |
| 968 | 859992.31 | 910032.20 | 19.60 | Grass Edge Drive Phase 2 |
| 969 | 860074.04 | 910031.60 | 19.73 | Grass Edge Drive Phase 2 |
| 970 | 860067.17 | 910055.64 | 20.06 | Grass Edge Drive Phase 2 |
| 971 | 860090.42 | 910036.19 | 19.54 | Grass Edge Drive Phase 2 |
| 972 | 860118.35 | 910069.33 | 19.37 | Grass Edge Drive Phase 2 |
| 973 | 859791.34 | 909992.19 | 20.30 | Grass Edge Drive Phase 2 |
| 974 | 859808.60 | 910028.17 | 19.80 | Grass Edge Drive Phase 2 |
| 975 | 859836.15 | 910013.33 | 20.06 | Grass Edge Drive Phase 2 |
| 976 | 859825.83 | 910036.10 | 19.74 | Grass Edge Drive Phase 2 |
| 977 | 859909.48 | 910044.37 | 20.52 | Grass Edge Drive Phase 2 |
| 978 | 859900.30 | 910067.62 | 20.33 | Grass Edge Drive Phase 2 |
| 979 | 859979.39 | 910070.05 | 20.34 | Grass Edge Drive Phase 2 |
| 980 | 859971.32 | 910093.72 | 20.09 | Grass Edge Drive Phase 2 |
| 981 | 860056.18 | 910094.10 | 20.30 | Grass Edge Drive Phase 2 |
| 982 | 860049.31 | 910118.14 | 20.10 | Grass Edge Drive Phase 2 |
| 983 | 860118.64 | 910110.59 | 18.95 | Grass Edge Drive Phase 2 |
| 984 | 860109.97 | 910134.21 | 18.88 | Grass Edge Drive Phase 2 |
| 985 | 859810.42 | 910144.10 | 18.47 | Grass Edge Drive Phase 2 |
| 986 | 859820.87 | 910148.57 | 18.55 | Grass Edge Drive Phase 2 |
| 987 | 859826.38 | 910177.97 | 18.32 | Grass Edge Drive Phase 2 |
| 988 | 859861.78 | 910165.30 | 18.86 | Grass Edge Drive Phase 2 |
| 989 | 859852.61 | 910188.56 | 18.36 | Grass Edge Drive Phase 2 |
| 990 | 859937.42 | 910193.09 | 18.85 | Grass Edge Drive Phase 2 |
| 991 | 859929.35 | 910216.75 | 18.52 | Grass Edge Drive Phase 2 |
| 992 | 860020.47 | 910219.10 | 18.91 | Grass Edge Drive Phase 2 |
| 993 | 860013.60 | 910243.14 | 18.61 | Grass Edge Drive Phase 2 |
| 994 | 860055.55 | 910228.73 | 18.60 | Grass Edge Drive Phase 2 |
| 995 | 860049.19 | 910252.90 | 18.38 | Grass Edge Drive Phase 2 |
| 996 | 860081.79 | 910235.41 | 18.30 | Grass Edge Drive Phase 2 |
| 997 | 860053.79 | 910254.11 | 18.34 | Grass Edge Drive Phase 2 |
| 1001 | 860095.70 | 910016.90 | 19.63 | Grass Parking Phase 2 |
| 1002 | 859791.08 | 909969.74 | 20.97 | Grass Parking Phase 2 |
| 1003 | 859800.16 | 909974.23 | 20.77 | Grass Parking Phase 2 |
| 1004 | 859812.86 | 909980.40 | 20.73 | Grass Parking Phase 2 |
| 1005 | 859881.64 | 910011.40 | 20.22 | Grass Parking Phase 2 |
| 1006 | 859916.80 | 910025.76 | 20.29 | Grass Parking Phase 2 |
| 1007 | 859985.85 | 910051.12 | 19.97 | Grass Parking Phase 2 |
| 1008 | 860061.67 | 910074.87 | 20.15 | Grass Parking Phase 2 |
| 1009 | 860113.51 | 910088.73 | 19.17 | Grass Parking Phase 2 |
| 1010 | 860123.35 | 910091.15 | 19.06 | Grass Parking Phase 2 |
| 1011 | 860048.75 | 910273.46 | 18.56 | Grass Parking Phase 2 |
| 1012 | 859818.75 | 910196.46 | 18.32 | Grass Parking Phase 2 |
| 1013 | 859800.13 | 910046.29 | 19.80 | Grass Parking Phase 2 |

NOTE:
ALL ELEVATIONS SHOWN ARE NAVD 1988 DATUM WHICH IS 1.487' LOWER THAN NGVD 1929 DATUM

The Village of ROYAL PALM BEACH FLORIDA INCORPORATED 1959

| | By: |
|---|---|
| Designed: | D.G. |
| Drawn: | R.P. |
| Checked: | S.D. |

| No. | Revisions | Date | By |
|---|---|---|---|

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VILLAGE OF ROYAL PALM COMMONS PARK UPGARDES

GEOMETRY TABLES

DANA I GILLETTE
FL PE 41913

RPB #

Sheet Reference Number
C-22

Sheet ___ of ___

File Name: N:\60305-07-CommonsPk\Drawings\Plans\C-21-GeometryTables.dwg

PLOT DATE: Sep 15 2020

Addendum 3
9/23/2020

## PHASING NOTES:

1. PARKING LOT EXPANSIONS ARE BROKEN INTO TWO PHASES, WITH PHASE 1 BEING CONCRETE CONSTRUCTION AND PHASE 2 BEING ASPHALT CONSTRUCTION.
   1.A. PHASES 1A AND 1B ARE CONSIDERED THE SAME PHASE, AS ARE PHASES 2A AND 2B.
2. CONCRETE TRAIL WORK MAY BE DONE CONCURRENTLY WITH PHASE 1.
   2.A. CONCRETE TRAIL IMPROVEMENTS IN THE SE CORNER OF THE PARK SHALL BE WORKED IN 400' INCREMENTS. WORK SHALL BE SCHEDULED WITH THE VILLAGE OF ROYAL PALM BEACH PARKS AND RECREATION DEPARTMENT (561-790-5124) TO MINIMIZE IMPACT ON USE OF THE EXISTING TRAILS.
3. PHASES 1 AND 2 MAY NOT BE WORKED CONCURRENTLY.
   3.A. THE CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM THE VILLAGE BEFORE STARTING ANY WORK ON PHASE 2 AREAS.
4. AREAS WITH INACTIVE PHASES SHALL BE COMPLETELY OPEN TO THE PUBLIC.
5. ALL STAGING MUST BE CONTAINED COMPLETELY WITHIN ACTIVE CONSTRUCTION AREAS AT ALL TIMES.

PHASE 1A

PHASE 2A

ORANGE SAFETY FENCE SHALL BE INSTALLED AND MAINTAINED ALONG THE PHASE LINE.

INCLUDED IN PHASE 1, CONSTRUCT A TEMPORARY HANDICAP PARKING SPOT WITH ACCESS PATH TO EXISTING SIDEWALK.
- ASPHALT MILLINGS, A TEMPORARY HANDICAP PARKING SIGN, AND A WHEELSTOP
- 17' X 20'
- NOT TO EXCEED 2% IN ANY DIRECTION

FORMATTED FOR 12" x 18"

0 20 40 Feet

DATE: SEPT 2020
SHEET: P-1 OF 2

DESIGNED BY: AD
DRAWN BY: AD
REVIEWED BY: CM

| By | Date | Revision Description |
|---|---|---|
| | | |

SEAL

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COMMONS PARKING LOT EXPANSION
PR 1602
PHASING – SW LOT

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Addendum 3
9/23/2020

## PHASING NOTES:

1. PARKING LOT EXPANSIONS ARE BROKEN INTO TWO PHASES, WITH PHASE 1 BEING CONCRETE CONSTRUCTION AND PHASE 2 BEING ASPHALT CONSTRUCTION.
   1.A. PHASES 1A AND 1B ARE CONSIDERED THE SAME PHASE, AS ARE PHASES 2A AND 2B.
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   2.A. CONCRETE TRAIL IMPROVEMENTS IN THE SE CORNER OF THE PARK SHALL BE WORKED IN 400' INCREMENTS. WORK SHALL BE SCHEDULED WITH THE VILLAGE OF ROYAL PALM BEACH PARKS AND RECREATION DEPARTMENT (561-790-5124) TO MINIMIZE IMPACT ON USE OF THE EXISTING TRAILS.
3. PHASES 1 AND 2 MAY NOT BE WORKED CONCURRENTLY.
4. THE CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM THE VILLAGE BEFORE STARTING ANY WORK ON PHASE 2 AREAS.
5. AREAS WITH INACTIVE PHASES SHALL BE COMPLETELY OPEN TO THE PUBLIC.
6. ALL STAGING MUST BE CONTAINED COMPLETELY WITHIN ACTIVE CONSTRUCTION AREAS AT ALL TIMES.

PHASE 2B | PHASE 1B

FORMATTED FOR 12" x 18"

0 25 50 Feet

DATE: SEPT 2020
SHEET: P-2 OF 2

DESIGNED BY: AD
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COMMONS PARKING LOT EXPANSION
PR 1602
PHASING – NE LOT

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## ELECTRICAL DEMO LEGEND - SW LOT

| | |
|---|---|
| PROPOSED EDGE OF PAVEMENT | |
| EXISTING WIRING AND CONDUIT, TO REMAIN | |
| EXISTING WIRING AND CONDUIT, TO BE REMOVED | |
| PROPOSED WIRING AND CONDUIT | |
| EXISTING LIGHT FIXTURE, TO REMAIN | |
| EXISTING LIGHT FIXTURE, TO BE REMOVED/RELOCATED | |

LIGHT FIXTURE REMOVAL NOTES

- CAREFULLY REMOVE EXISTING AREA LIGHT POLES WHERE SHOWN AND COORDINATE DELIVERY TO THE VILLAGE OF ROYAL PALM BEACH PUBLIC WORKS DEPARTMENT (561-790-5122).
- FOUNDATIONS SHALL BE COMPLETELY REMOVED.
- REMOVE WIRING TO THE NEXT JUNCTION BOX.
- CUT AND CAP CONDUIT 2 FEET FROM EDGE OF PAVEMENT.

Addendum 3
9/23/2020

| By | Date | Revision Description |
|---|---|---|
| | | |

DESIGNED BY: AD
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REVIEWED BY: CM

0 15 30 Feet

DATE: SEPT 2020
SHEET: E-1 OF 2

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COMMONS PARKING LOT EXPANSION
PR 1602
ELECTRICAL DEMO – SW LOT

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FORMATTED FOR 12" x 18"

## ELECTRICAL DEMO LEGEND - NE LOT

- PROPOSED EDGE OF PAVEMENT
- EXISTING WIRING AND CONDUIT, TO REMAIN
- EXISTING WIRING AND CONDUIT, TO BE REMOVED
- PROPOSED WIRING AND CONDUIT
- EXISTING LIGHT FIXTURE, TO REMAIN
- EXISTING LIGHT FIXTURE, TO BE REMOVED/RELOCATED
- NEW POSITION OF RELOCATED LIGHT FIXTURE

LIGHT FIXTURE REMOVAL NOTES

- CAREFULLY REMOVE EXISTING AREA LIGHT POLES WHERE SHOWN AND COORDINATE DELIVERY TO THE VILLAGE OF ROYAL PALM BEACH PUBLIC WORKS DEPARTMENT (561-790-5122).
- FOUNDATIONS SHALL BE COMPLETELY REMOVED.
- REMOVE WIRING TO THE NEXT JUNCTION BOX.
- CUT AND CAP CONDUIT 2 FEET FROM EDGE OF PAVEMENT.

Addendum 3
9/23/2020

CUT AND REMOVE WIRING TO NEXT JUNCTION BOX. CUT AND CAP CONDUIT 2' FROM EDGE OF PAVEMENT.

RELOCATE EXISTING LIGHT FIXTURE AND FOUNDATION. REWIRE, AND CONNECT AT EXISTING JUNCTION BOX.

CUT AND REMOVE WIRING TO EDGE OF EXISTING PARKING LOT. CUT AND CAP CONDUIT.

REMOVE LIGHT FIXTURE, BUT LEAVE JUNCTION BOX.

N 859727.792
E 909924.079

FORMATTED FOR 12" x 18"

0 15 30 Feet

DATE: SEPT 2020
SHEET: E-2 OF 2

DESIGNED BY: AD
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REVIEWED BY: CM

| By | Date | Revision Description |
|---|---|---|
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COMMONS PARKING LOT EXPANSION
PR 1602
ELECTRICAL DEMO – NE LOT

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## LEGEND

PROPOSED EDGE OF PAVEMENT

REMOVE IRRIGATION PIPE AND HEADS

**Addendum 3**
**9/23/2020**

CUT AND CAP

CUT AND CAP

CUT AND CAP

CUT AND CAP

CUT AND CAP

CUT AND CAP

29.9 13 2"

14 46.8 2"

118 38 2"

96.0 37 2"

36 98.6 2"

35 88.0 2"

88.0 2 2"

3 108 2"

6 96.0 2"

96.0 8 2"

96.0 7 2"

4"

6"

8"

#6

#6

2"

2½"

1"

1¼"

¾"

80

30

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REVIEWED BY: CM

DATE: SEPT 2020
SHEET: IR-1 OF 3

| By | Date | Revision Description |
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COMMONS PARKING LOT EXPANSION
PR 1602
IRRIGATION DEMO – SW LOT
9/22/2020

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# IRRIGATION SCHEDULE: SW LOT

Addendum 3
9/23/2020

## SPRINKLERS

| GRAPHIC SYMBOL | NAME | SPACING | PSI | TOTAL COUNT ON THIS SHEET |
|---|---|---|---|---|
| ■ | TORO DT55-51 | 10' | 80 | 225 |
| ● | TORO DT55-55 | 40' | 80 | 22 |
| ⊙ | TORO 514-20 500 | AT EACH PROPOSED TREE | 40 | 19 |

## PIPING

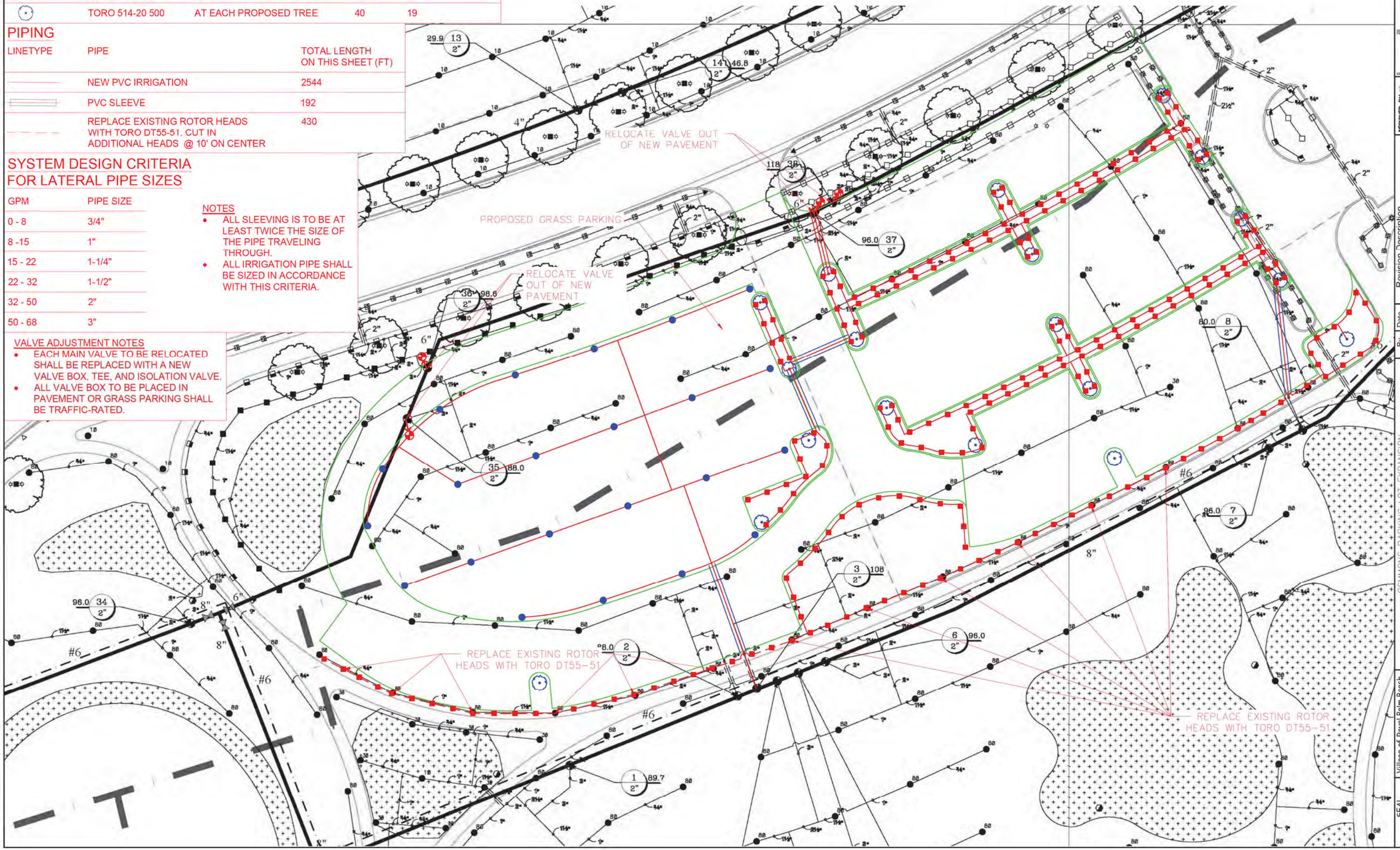
| LINETYPE | PIPE | TOTAL LENGTH ON THIS SHEET (FT) |
|---|---|---|
| ——— | NEW PVC IRRIGATION | 2544 |
| ═══ | PVC SLEEVE | 192 |
| — — — | REPLACE EXISTING ROTOR HEADS WITH TORO DT55-51. CUT IN ADDITIONAL HEADS @ 10' ON CENTER | 430 |

## SYSTEM DESIGN CRITERIA FOR LATERAL PIPE SIZES

| GPM | PIPE SIZE |
|---|---|
| 0 - 8 | 3/4" |
| 8 -15 | 1" |
| 15 - 22 | 1-1/4" |
| 22 - 32 | 1-1/2" |
| 32 - 50 | 2" |
| 50 - 68 | 3" |

NOTES
- ALL SLEEVING IS TO BE AT LEAST TWICE THE SIZE OF THE PIPE TRAVELING THROUGH.
- ALL IRRIGATION PIPE SHALL BE SIZED IN ACCORDANCE WITH THIS CRITERIA.

VALVE ADJUSTMENT NOTES
- EACH MAIN VALVE TO BE RELOCATED SHALL BE REPLACED WITH A NEW VALVE BOX, TEE, AND ISOLATION VALVE.
- ALL VALVE BOX TO BE PLACED IN PAVEMENT OR GRASS PARKING SHALL BE TRAFFIC-RATED.

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DATE: SEPT 2020
SHEET: IR-2 OF 3

| By | Date | Revision Description |
|---|---|---|

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COMMONS PARKING LOT EXPANSION
PR 1602
IRRIGATION - SW LOT

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# IRRIGATION SCHEDULE: NE LOT

## SPRINKLERS

| GRAPHIC SYMBOL | NAME | SPACING | PSI | TOTAL COUNT ON THIS SHEET |
|---|---|---|---|---|
| ■ | TORO DT55-51 | 10' | 80 | 153 |
| ● | TORO DT55-55 | 40' | 80 | 2 |
| ⊙ | TORO 514-20 500 | AT EACH PROPOSED TREE | 40 | 26 |
| O | NEW LOCATION FOR EXISTING LARGE HEAD | | | 5 |
| ◔ | NEW LOCATION FOR EXISTING MAIN VALVE | | | 5 |

## PIPING

| LINETYPE | PIPE | TOTAL LENGTH ON THIS SHEET (FT) |
|---|---|---|
| | NEW PVC IRRIGATION | 2000 |
| | PVC SLEEVE | 330 |
| | REMOVE IRRIGATION PIPE AND HEADS | 192 |

## SYSTEM DESIGN CRITERIA FOR LATERAL PIPE SIZES

| GPM | PIPE SIZE |
|---|---|
| 0 - 8 | 3/4" |
| 8 -15 | 1" |
| 15 - 22 | 1-1/4" |
| 22 - 32 | 1-1/2" |
| 32 - 50 | 2" |
| 50 - 68 | 3" |

NOTES
- ALL SLEEVING IS TO BE AT LEAST TWICE THE SIZE OF THE PIPE TRAVELING THROUGH.
- ALL IRRIGATION PIPE SHALL BE SIZED IN ACCORDANCE WITH THIS CRITERIA.

VALVE ADJUSTMENT NOTES
- EACH MAIN VALVE TO BE RELOCATED SHALL BE REPLACED WITH A NEW VALVE BOX, TEE, AND ISOLATION VALVE.
- ALL VALVE BOXES TO BE PLACED IN PAVEMENT OR GRASS PARKING SHALL BE TRAFFIC-RATED.

## LEGEND

PROPOSED EDGE OF PAVEMENT

Addendum 3
9/23/2020

PROPOSED GRASS PARKING

MODIFY EXISTING HEAD LOCATION TO BE OUTSIDE OF PROPOSED PAVEMENT

REPLACE WITH TRAFFIC-RATED VALVE BOX AND ISOLATION VALVE. RELOCATE HEAD.

REPLACE WITH TRAFFIC-RATED VALVE BOXES

CONVERT HEAD TO VALVE

CONVERT HEAD TO VALVE AND CONNECT TO NEW VALVE IN LANDSCAPE ISLAND

PROPOSED GRASS PARKING

RELOCATE VALVE OUT OF NEW PAVEMENT. REPLACE WITH A NEW VALVE BOX, TEE, AND ISOLATION VALVE.

REMOVE HEAD AND VALVE

REPLACE WITH TRAFFIC-RATED VALVE BOX AND ISOLATION VALVE. RELOCATE HEAD.

RELOCATE VALVE OUT OF NEW PAVEMENT. REPLACE WITH A NEW VALVE BOX, TEE, AND ISOLATION VALVE.

CONNECT TO EXISTING SYSTEM

RELOCATE VALVE OUT OF NEW PAVEMENT. REPLACE WITH A NEW VALVE BOX, TEE, AND ISOLATION VALVE.

4
38

MODIFY EXISTING HEAD LOCATION TO BE OUTSIDE OF PROPOSED PAVEMENT

DESIGNED BY: AD
DRAWN BY: AD
REVIEWED BY: CM
DATE: SEPT 2020
SHEET: IR-3 OF 3

Revision Description | Date | By

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COMMONS PARKING LOT EXPANSION
PR 1602
IRRIGATION – NE LOT

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# LANDSCAPING SCHEDULE: SW LOT

## NEW PLANTS

| GRAPHIC SYMBOL | SYMBOL | BOTANICAL NAME | COMMON NAME | SPECS | SPACING | TOTAL COUNT ON THIS SHEET |
|---|---|---|---|---|---|---|
| | QV | QUERCUS VIRGINIANA | LIVE OAK | 10' - 12'; 2.5" CAL | AS SHOWN | 1 |
| | CD | COCCOLOBA DIVERSIFOLIA | PIGEON PLUM | 10' - 12' | AS SHOWN | 14 |
| | SA | SCHEFFLERA ARBORICOLA | TRINETTE | 3 GAL | 2' O.C. | 718 |
| | VS | VIBURNUM SUSPENSUM | SANDANKWA VIBURNUM | 3 GAL | 2' O.C. | 311 |

## EXISTING PLANT RELOCATION

| GRAPHIC SYMBOL | DESCRIPTION | TOTAL COUNT ON THIS SHEET |
|---|---|---|
| R | NEW LOCATION OF COCCOLOBA DIVERSIFOLIA (PIGEON PLUM), RELOCATED FROM ONSITE | 4 |

Addendum 3
9/23/2020

REMOVE AND RELOCATE
EXISTING LANDSCAPE ISLAND
AND PIGEON PLUM TREES.
REMOVE AND REPLACE SHRUBS.

| | |
|---|---|
| CD (RELOCATE) | 2 |
| CD (NEW) | 4 |
| SA | 297 |
| VS | 136 |

REMOVE AND RELOCATE
EXISTING LANDSCAPE ISLAND
AND PIGEON PLUM TREES.
REMOVE AND REPLACE SHRUBS.

| | |
|---|---|
| CD (RELOCATE) | 2 |
| CD (NEW) | 4 |
| SA | 305 |
| VS | 140 |

| | |
|---|---|
| CD (NEW) | 2 |
| SA | 46 |
| VS | 15 |

| | |
|---|---|
| CD (NEW) | 2 |
| SA | 70 |
| VS | 20 |

| | |
|---|---|
| QV | 1 |
| CD (NEW) | 2 |

DESIGNED BY: AD
DRAWN BY: AD
REVIEWED BY: CM
DATE: SEPT 2020
SHEET: L-1 OF 2
FORMATTED FOR 12" x 18"

Revision Description | Date | By

COMMONS PARKING LOT EXPANSION
PR 1602
LANDSCAPING PLANS – SW LOT

SEAL

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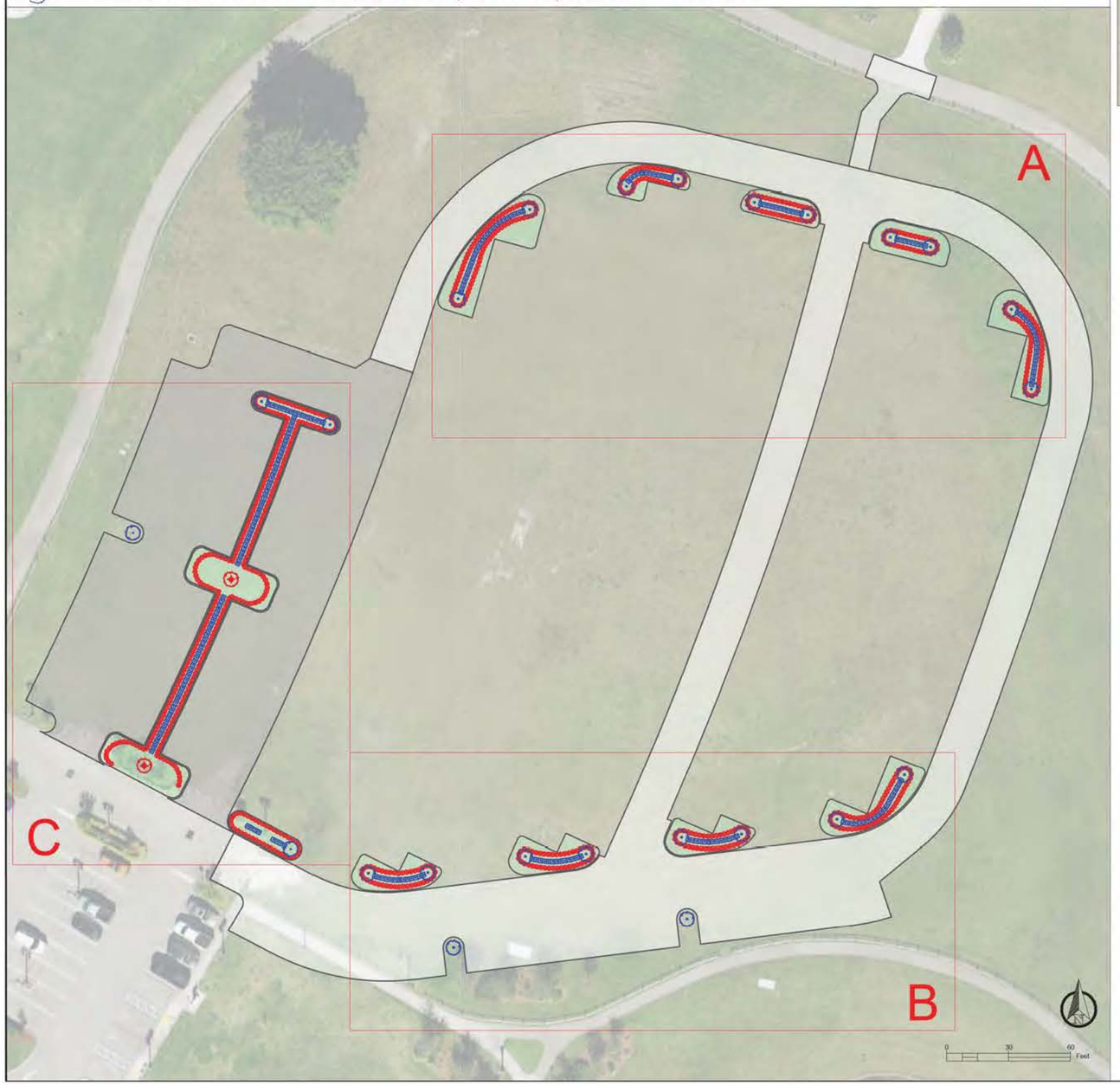
# LANDSCAPING SCHEDULE: NE LOT

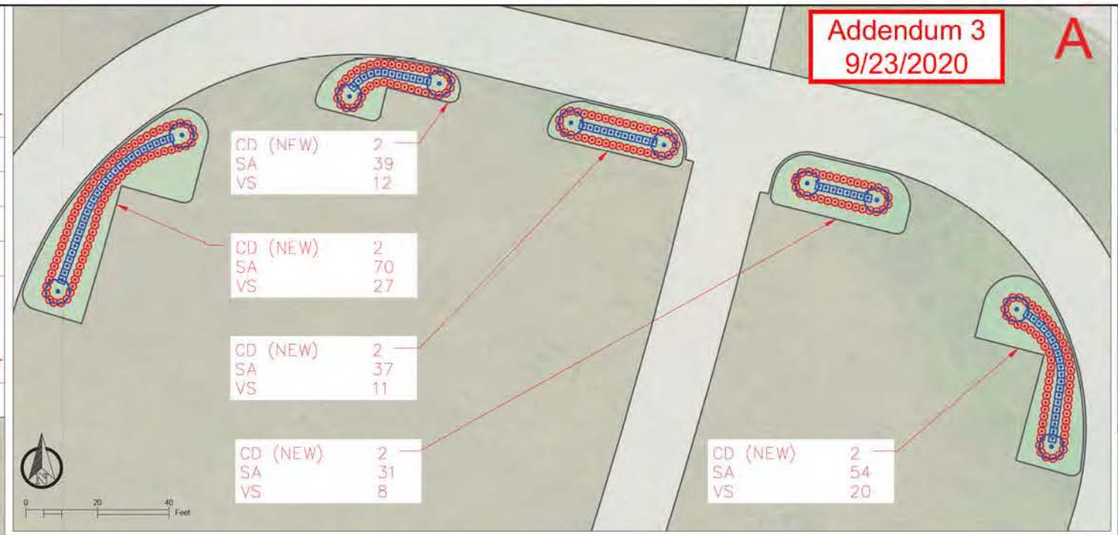
## NEW PLANTS

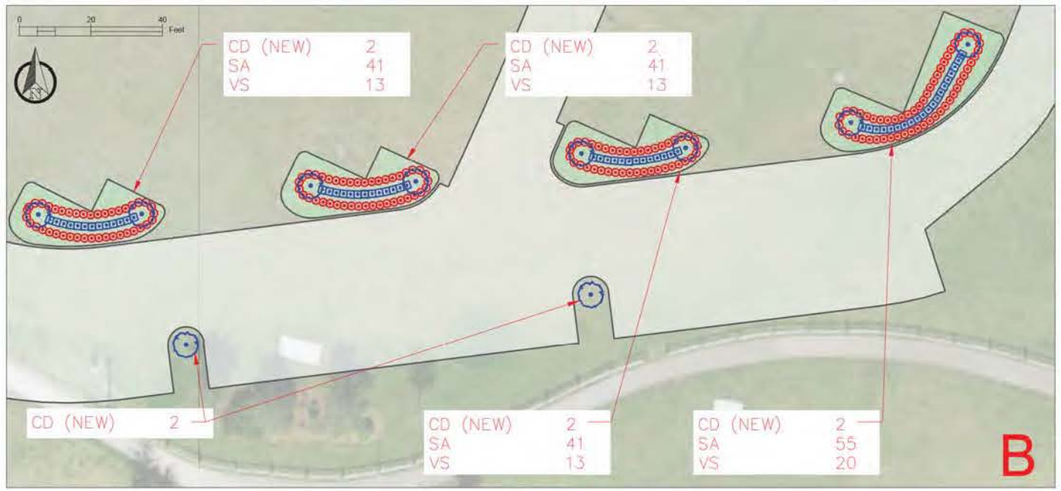
| GRAPHIC SYMBOL | SYMBOL | BOTANICAL NAME | COMMON NAME | SPECS | SPACING | TOTAL COUNT ON THIS SHEET |
|---|---|---|---|---|---|---|
| | QV | QUERCUS VIRGINIANA | LIVE OAK | 10' - 12'; 2.5" CAL | AS SHOWN | 2 |
| | CD | COCCOLOBA DIVERSIFOLIA | PIGEON PLUM | 10' - 12' | AS SHOWN | 22 |
| | SA | SCHEFFLERA ARBORICOLA | TRINETTE | 3 GAL | 2' O.C. | 719 |
| | VS | VIBURNUM SUSPENSUM | SANDANKWA VIBURNUM | 3 GAL | 2' O.C. | 241 |

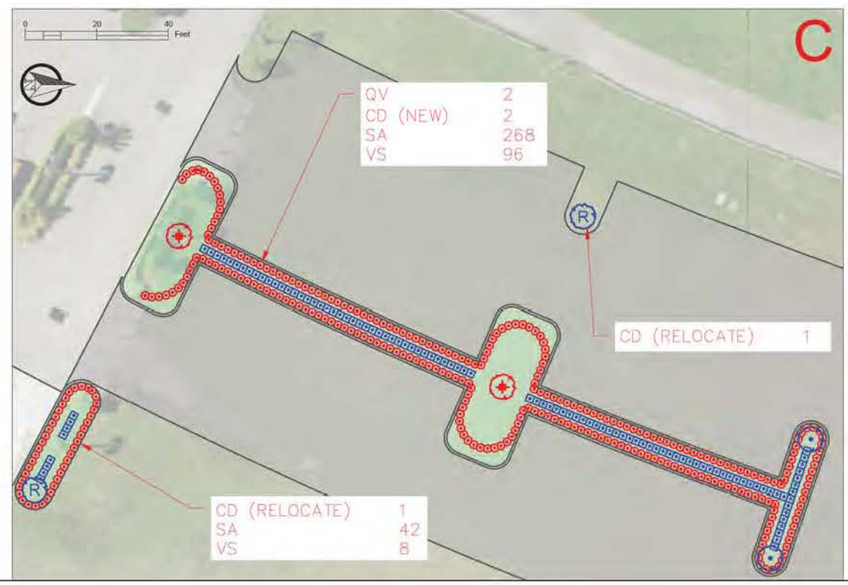
## EXISTING PLANT RELOCATION

| GRAPHIC SYMBOL | DESCRIPTION | TOTAL COUNT ON THIS SHEET |
|---|---|---|
| R | NEW LOCATION OF COCCOLOBA DIVERSIFOLIA (PIGEON PLUM), RELOCATED FROM ONSITE | 2 |




FORMATTED FOR 12" x 18"

DATE: SEPT 2020
SHEET: L-2 OF 2

DESIGNED BY: AD
DRAWN BY: AD
REVIEWED BY: CM

| By | Date | Revision Description |
|---|---|---|
| | | |

CCMMONS PARKING LOT EXPANSION
PR 1602
LANDSCAPING PLANS - SW LOT

SEAL

Village of Royal Palm Beach
Planning & Engineering
Christopher A. Marsh, P.E. 62560
Director of Planning & Engineering
Royal Palm Beach, FL 33411
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