

DESIGN BUILT:

T.A. BUILDERS
Service... it's so simple
1390 South Dixie Hwy #101, Coral Gables FL 33146
WWW.TA-BUILDERS.COM
EG 10/04/21

ARCHITECT:

bellin pratt & puentes
architects llc

285 sevilla avenue
coral gables, florida 33134
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CONSULTANTS:

Consultant
Address
Address
Phone
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PROJECT NAME:
NEW RESIDENTIAL APARTMENT PROJECT

PROPERTY ADDRESS
701 Valencia Avenue
Coral Gables 33134

OWNER INFORMATION
BILTMORE DEVELOPMENT LLC
9100 S. Dadeland Blvd. 901
Miami FL 33156

PERMIT SET

ISSUE DATE: 05/01/2020
PROJECT No.: 2016-12
DRAWN BY: M.A.
APPROVED BY: R.P.J.

REVISIONS:

| No. | Description | Date |
|-----|------------------------------|------------|
| 1 | BUILDING DEPARTMENT COMMENTS | 05.13.2021 |
| 2 | BUILDING DEPARTMENT COMMENTS | 01.21.2022 |
| 3 | BUILDING DEPARTMENT COMMENTS | 08.05.2022 |

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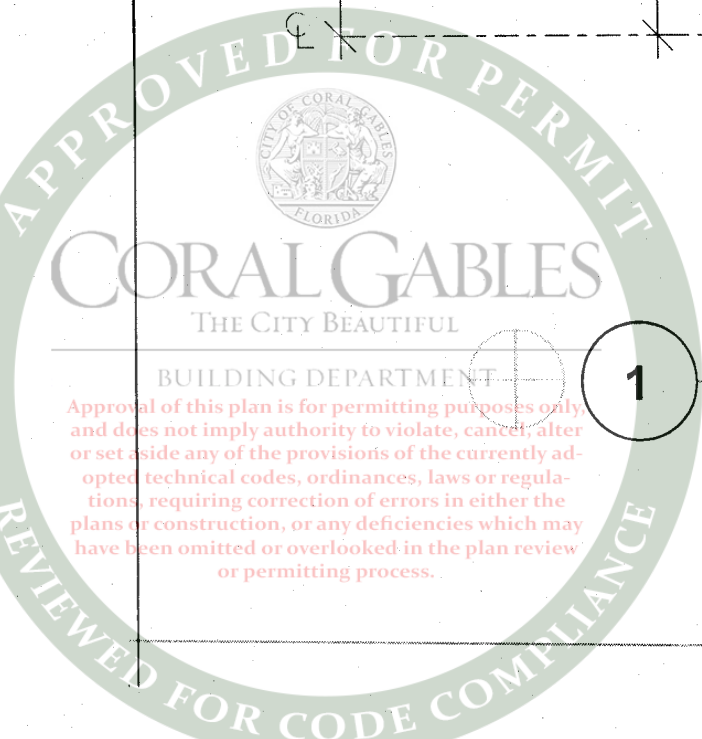
SEAL:

SIGNATURE:
RAFAEL PEÑA, JR. PE 16395

SHEET TITLE:
Street Lights - Electrical

SCALE: 1/8" = 1'-0"

SHEET No:
E-100

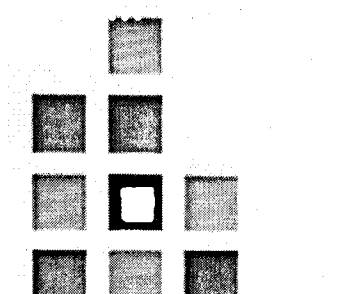


1.0 STREET LIGHTS - ELECTRICAL
1/8" = 1'-0"

JOB NO. 19-065

RPJ, inc.
Mechanical/Electrical/Consulting Engineers
STATE OF FL. Lic. No. (00000000) P.E. No. (000000)

4077 S.W. 74th COURT
MIAMI, FL 33155
PHONE: (305) 447-1927
FAX: (305) 443-5986
E-MAIL: info@rpj.com

DESIGN UNIT:

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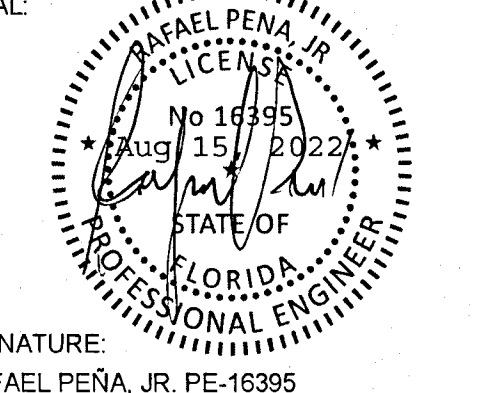
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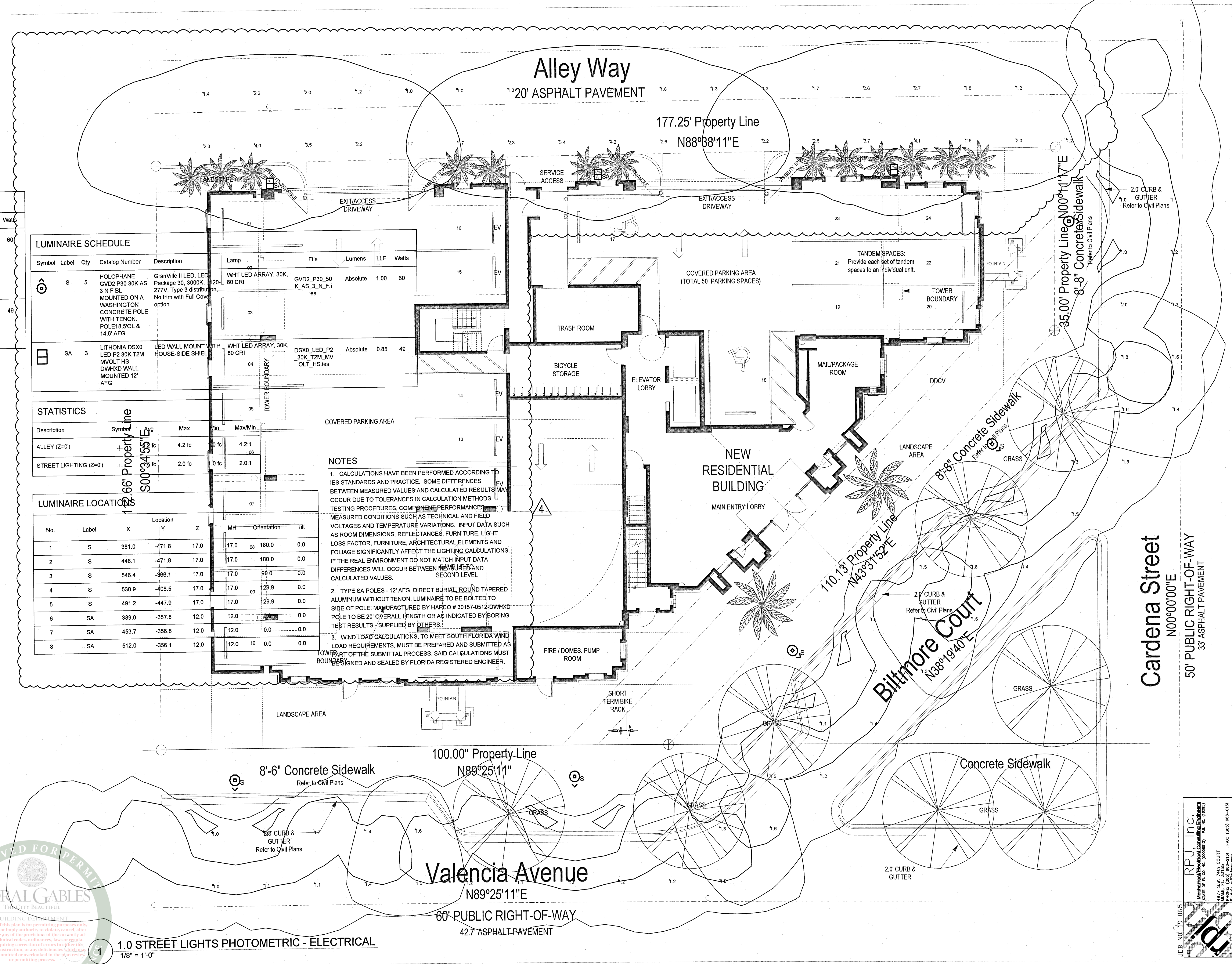
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SEAL:

 SIGNATURE:
 RAFAEL PEÑA, JR. PE-16395

SHEET TITLE:
**Street Lights
 Photometric -
 Electrical**
 SCALE: 1/8" = 1'-0"
 SHEET No.
E-100PH



LUMINAIRE SCHEDULE

| Symbol | Label | Qty | Catalog Number | Description | Lamp | File | Lumens | LLF | Watts |
|--------|-------|-----|--|--|----------------------------|-----------------------------------|---------------|-----|-------|
| ⊙ | S | 5 | HOLOPHANE GVD2 P30 30K AS 3 N F BL | Granville II LED, LED Package 30, 3000K, 277V, Type 3 distribution No trim with Full Coverage option | WHT LED ARRAY, 30K, 80 CRI | GVD2_P30_50 K_AS_3_N_F.i.es | Absolute 1.00 | 60 | |
| ⊞ | SA | 3 | LITHONIA DSX0 LED P2 30K T2M MVOLT HS DMVXD WALL MOUNTED 12' AFG | LED WALL MOUNT WITH HOUSE-SIDE SHIELD | WHT LED ARRAY, 30K, 80 CRI | DSX0_LED_P2_30K_T2M_MV_OLT_HS.ies | Absolute 0.85 | 49 | |

STATISTICS

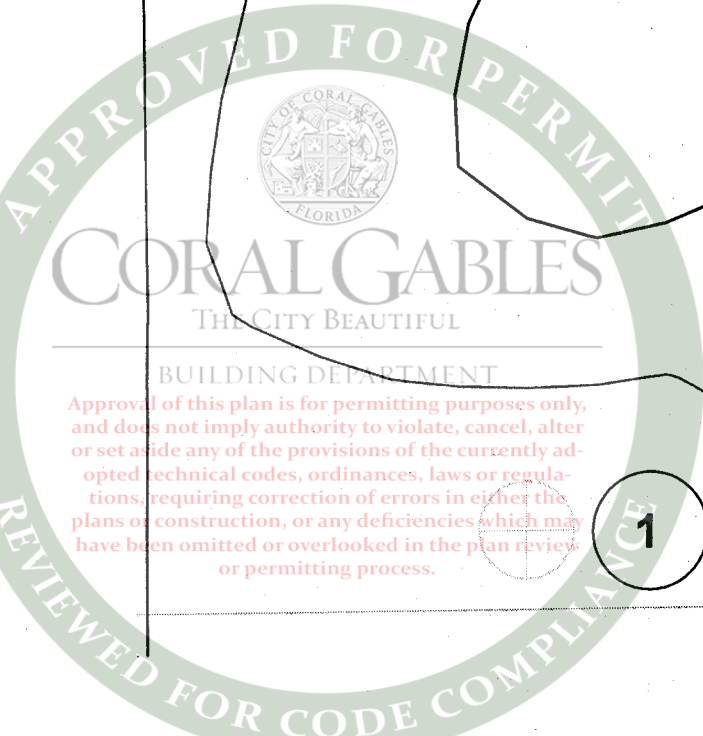
| Description | Symbol | Avg | Max | Min | Max/Min |
|-----------------------|--------|--------|-------|-------|---------|
| ALLEY (Z=0) | + | 4.2 fc | 10 fc | 4.2:1 | 06 |
| STREET LIGHTING (Z=0) | + | 2.0 fc | 10 fc | 2.0:1 | 06 |

LUMINAIRE LOCATIONS

| No. | Label | X | Y | Z | MH | Orientation | Tilt |
|-----|-------|-------|--------|------|------|-------------|-------|
| 1 | S | 381.0 | -471.8 | 17.0 | 17.0 | 08 | 180.0 |
| 2 | S | 448.1 | -471.8 | 17.0 | 17.0 | 08 | 180.0 |
| 3 | S | 546.4 | -366.1 | 17.0 | 17.0 | 09 | 90.0 |
| 4 | S | 530.9 | -408.5 | 17.0 | 17.0 | 09 | 129.9 |
| 5 | S | 491.2 | -447.9 | 17.0 | 17.0 | 09 | 129.9 |
| 6 | SA | 389.0 | -357.8 | 12.0 | 12.0 | 10 | 0.0 |
| 7 | SA | 453.7 | -356.8 | 12.0 | 12.0 | 10 | 0.0 |
| 8 | SA | 512.0 | -356.1 | 12.0 | 12.0 | 10 | 0.0 |

NOTES

- CALCULATIONS HAVE BEEN PERFORMED ACCORDING TO IES STANDARDS AND PRACTICE. SOME DIFFERENCES BETWEEN MEASURED VALUES AND CALCULATED RESULTS MAY OCCUR DUE TO TOLERANCES IN CALCULATION METHODS, TESTING PROCEDURES, COMPONENT PERFORMANCE MEASURED CONDITIONS SUCH AS TECHNICAL AND FIELD VOLTAGES AND TEMPERATURE VARIATIONS. INPUT DATA SUCH AS ROOM DIMENSIONS, REFLECTANCES, FURNITURE, LIGHT LOSS FACTOR, FURNITURE, ARCHITECTURAL ELEMENTS AND FOLIAGE SIGNIFICANTLY AFFECT THE LIGHTING CALCULATIONS. IF THE REAL ENVIRONMENT DO NOT MATCH INPUT DATA DIFFERENCES WILL OCCUR BETWEEN MEASURED AND CALCULATED VALUES.
- TYPE SA POLES - 12' AFG, DIRECT BURIAL, ROUND TAPERED ALUMINUM WITHOUT TENON. LUMINAIRE TO BE BOLTED TO SIDE OF POLE. MANUFACTURED BY HAPCO # 30157-0512-DMVXD POLE TO BE 20' OVERALL LENGTH OR AS INDICATED BY BORING TEST RESULTS - SUPPLIED BY OTHERS.
- WIND LOAD CALCULATIONS, TO MEET SOUTH FLORIDA WIND LOAD REQUIREMENTS, MUST BE PREPARED AND SUBMITTED AS PART OF THE SUBMITTAL PROCESS. SAID CALCULATIONS MUST BE DESIGNED AND SEALED BY FLORIDA REGISTERED ENGINEER.



1.0 STREET LIGHTS PHOTOMETRIC - ELECTRICAL
 1/8" = 1'-0"

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 Mechanical/Electrical Consulting Engineers
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