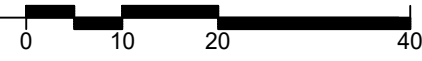


1 LIGHTING PLAN
C-6.0
1" = 20'



LEGEND

- LED SHOEBOX FIXTURE
RE: 3/C-6.0
- LED BOLLARD LIGHT
RE: 4/C-6.0
- SANIBEL LIGHT
RE: 5/C-6.0

LIGHTING CONDUIT

LIGHTING CONDUIT SHALL MEET THE FOLLOWING GUIDELINES.

- CONDUIT DESIGN MUST BE APPROVED BY DUKE ENERGY PRIOR TO INSTALLATION. CHANGING THE CONDUIT LAYOUT CAN CAUSE CONDUCTOR LENGTH TO EXCEED ACCEPTABLE VOLTAGE LEVEL WHICH WILL AFFECT THE LIGHT'S ABILITY TO OPERATE.
- ALL CONDUITS ARE TO BE 2" SCHEDULE 40 GRAY ELECTRICAL PVC.
- ALL JOINTS ARE TO BE GLUED.
- ALL ENDS ARE TO BE MARKED WITH SCRAP CONDUIT OR A BOARD (PAINTING THE GROUND WITH MARKING PAINT IS NOT ACCEPTABLE). IT IS STRONGLY SUGGESTED THAT THE ENDS SHOULD BE IDENTIFIED BY GPS COORDINATES.
- ALL ENDS ARE TO BE CAPPED TO PREVENT ENTRY OF DEBRIS.
- ALL CONDUITS MORE THAN 30' IN LENGTH SHALL HAVE A STRING INSTALLED.
- TO COMPLY WITH NESC; ALL CONDUIT ARE TO BE INSTALLED AT A MINIMUM DEPTH OF 30" FROM FINISH GRADE TO TOP OF CONDUIT. CONDUITS THAT CAN NOT MEET THIS CRITERIA MUST BE INCASED IN 3" MINIMUM CONCRETE ENVELOPE. (FLOWABLE FILL IS ACCEPTABLE IN PLACE OF CONCRETE).
- IF CONCRETE ENCASED CONDUIT IS REQUIRED AT ANY POINT, IT MUST BE ENCASED IN CONCRETE UNTIL PIPE IS BACK DOWN TO REQUIRED DEPTH.
- PEDESTAL AREAS WHERE MULTIPLE CONDUIT ENDS TERMINATE ARE TO HAVE THE CONDUIT ENDS WITHIN 12" OF EACH OTHER.
- DIRECT BURIED LIGHT POLE AREAS ARE TO HAVE CONDUITS TERMINATE 36" APART AND 12" BACK OF POLE LOCATION.
- CONDUITS SERVING LIGHTS ON CONCRETE REVEALS ARE TO BE CONTINUOUS FROM REVEAL TO REVEAL.

2 LIGHTING NOTES



LED SHOEBOX

- LEASED FROM DUKE ENERGY
- 25' POLE
- COLOR:BLACK
- PROVIDE 2" PVC CONDUIT UNDER PAVEMENT & UNDER HEAVILY LANDSCAPED AREAS

3 LED SHOEBOX FIXTURE



LED (Light Emitting Diode)	70 150 watts
Mounting heights	15', 20', 25'
Colors	Black Green

LED SANIBEL DROP FIXTURE

- LEASED FROM DUKE ENERGY
- COLOR:DARK GREEN
- 15' POLE TYPE 'C' ALUMINUM
- PROVIDE ON ROSEMARY STREET AT PARK AND IN FRONT OF COLUMBIA WING AT STREET

5 LED ROSEMARY STREET FIXTURE
SANIBEL FIXTURE

LIGHTING NOTES

- MEASURES SHALL BE PROVIDED TO PREVENT LIGHT SPILLOVER ONTO ADJACENT PROPERTIES AND GLARE TOWARD MOTOR VEHICLE OPERATORS. EXTERIOR LIGHTS SHALL BE SHIELDED SO THEY DO NOT CAST DIRECT LIGHT BEYOND THE PROPERTY LINE.
- PROVIDE 2" PVC CONDUIT UNDER PAVEMENT, UNDER HEAVILY LANDSCAPED AREAS AS NECESSARY, AND AS DETERMINED BY DUKE ENERGY TO PROVIDE ACCESS TO ALL LIGHT FIXTURES. COORDINATE WITH DUKE ENERGY TO FINALIZE CONDUIT LOCATIONS AND LENGTHS.

SPECIAL COORDINATION NOTES:

- CONTRACTOR IS TO COORDINATE PARKING LOT LIGHT POLE AND CONDUIT LOCATIONS WITH DUKE ENERGY PRIOR TO INSTALLATION OF WALLS AND PAVING.
- ABOVE GROUND PEDESTALS AND LIGHT POLES WILL BE PROVIDED AND INSTALLED BY DUKE ENERGY FOR THE 25' PARKING LOT LIGHTS.
- CONTRACTOR IS TO REFER TO DUKE ENERGY SPECIFICATIONS FOR CONDUIT INSTALLATION.
- CONDUIT IS TO BE FURNISHED AND INSTALLED BY CONTRACTOR.



LED SQUARE BOLLARD

- MANUFACTURER:KIM
- MODEL: PAVILLION
- 42" HEIGHT
- LED
- COLOR:BLACK

4 LED SQUARE BOLLARD FIXTURE



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PRELIMINARY-DO NOT
USE FOR CONSTRUCTION

Job Number: 1963

Drawn WLR, MTO
Checked WLR, CNH
Date 3-22-2022
Revisions

CDC Lighting Application

Sheet Title:

LIGHTING
PLAN

Sheet Number

C-6.0