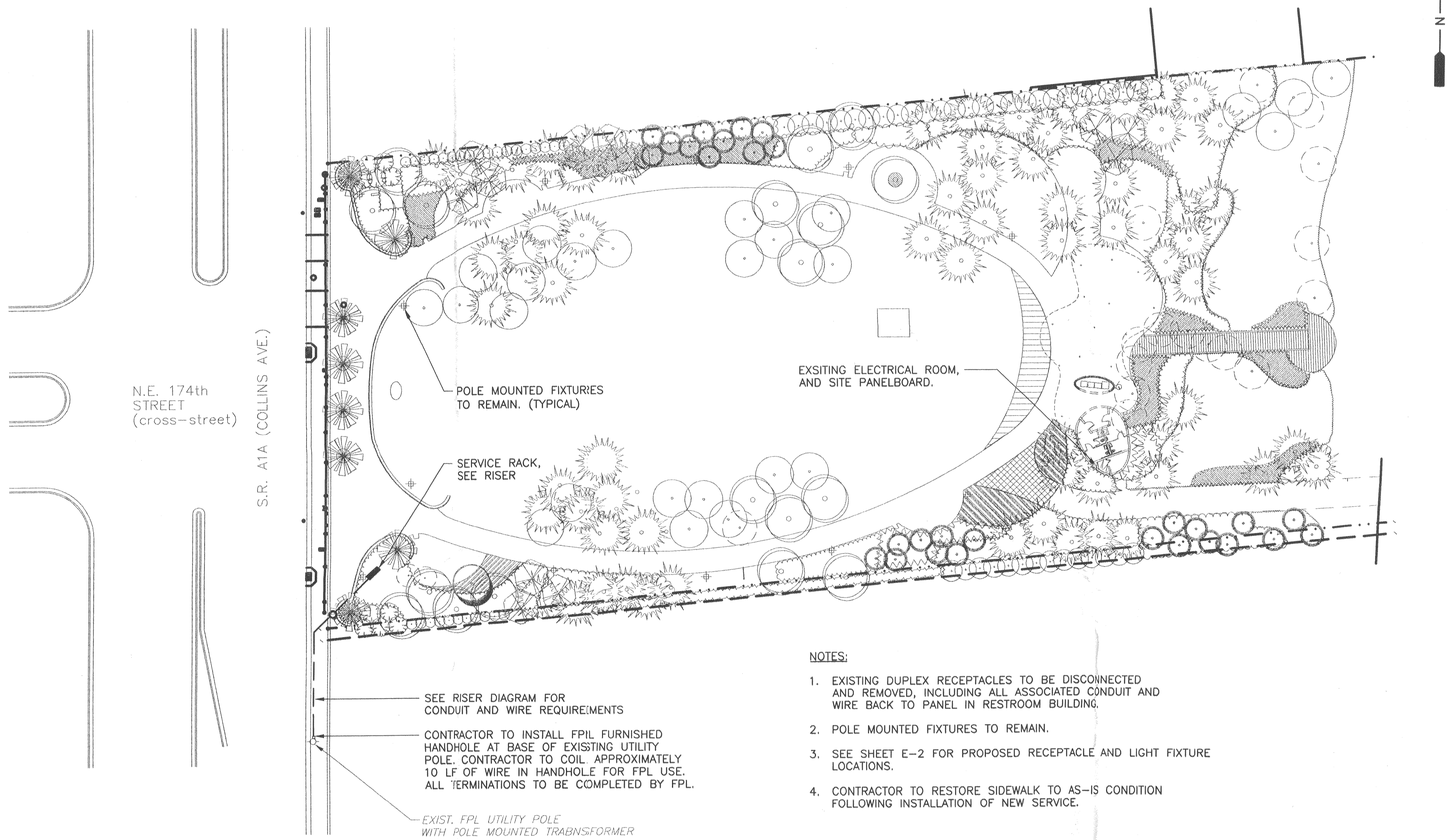

NOTES:

1. EXISTING DUPLEX RECEPTACLES TO BE DISCONNECTED AND REMOVED, INCLUDING ALL ASSOCIATED CONDUIT AND WIRE BACK TO PANEL IN RESTROOM BUILDING.
2. POLE MOUNTED FIXTURES TO REMAIN.
3. SEE SHEET E-2 FOR PROPOSED RECEPTACLE AND LIGHT FIXTURE LOCATIONS.
4. CONTRACTOR TO RESTORE SIDEWALK TO AS-IS CONDITION FOLLOWING INSTALLATION OF NEW SERVICE.

PLAN VIEW

SCALE: 1"=30'-0"

30 15 0 30'

LEGEND

PLAN SYMBOLS

- LIGHTING. FIXTURE, SEE DETAIL.
- RECEPTACLE, SEE DETAIL.
- CONDUIT CONCEALED IN OR BELOW FLOOR OR UNDERGROUND.
- HOME RUN TO PANELBOARD. NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS. HASH MARKS INDICATE NUMBER OF #12 AWG. CONDUCTORS. NO HASH MARKS INDICATE 2 #12 CONDUCTORS.
- SERVICE RACK
- TC — 24/7 TIMECLOCK
- PC — PHOTOCELL
- CR — CONTROL RELAY
- HAND/OFF/AUTO SWITCH (HOA)
- NORMALLY OPEN CONTACT
- NORMALLY CLOSED CONTACT
- EXISTING AREA LIGHTING
- FUSE
- M — UTILITY METER CAN
- SS — SURGE SUPPRESSOR
- LA — LIGHTNING ARRESTOR
- CONCRETE PULL BOX

ABBREVIATIONS

A	AMPERES	PC	PHOTOCELL
CR	CONTROL RELAY	TC	TIMECLOCK
FPL	FLORIDA POWER & LIGHT	TYP	TYPICAL
GND	GROUND	V	VOLTS
M	METER	W	WIRE
MTD	MOUNTED	W/	WITH
P	POLE	WP	WEATHERPROOF

NOTES

1. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED.
2. ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. EXISTING CONDITIONS OF ELECTRICAL EQUIPMENT, LIGHT FIXTURES, ETC... THAT ARE PART OF THE FINAL SYSTEM SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTING HIS BID.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SHALL COMPLY WITH ALL LOCAL RULES AND ORDINANCES.
4. MINIMUM WIRE SIZE SHALL BE #12 A.W.G., UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE COPPER WITH THWN INSULATION.
5. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
6. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C. OR LOCAL CODES.
7. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS.
8. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY ENGINEER.
9. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
10. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
11. ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY OF PROPERTY DAMAGED FOR THE DURATION OF THE WORK.
12. CONTRACTORS SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OF ORDERING EQUIPMENT.
13. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF FP&L.
14. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR CUTSHEETS OF LIGHTING FIXTURES AND OTHER ELECTRICAL ITEMS FOR APPROVAL BY ENGINEER.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF HIS WORK.
16. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
17. SLANTED TEXT DENOTES EXISTING EQUIPMENT OR STRUCTURES. NON-SLANTED TEXT DENOTES NEW EQUIPMENT, STRUCTURES, AND WORK.
18. CONDUCTORS SHALL NOT BE SPLICED EXCEPT AS NOTED IN THE SPECIFICATIONS.
19. ALL CONDUITS SHALL HAVE A BOND WIRE SIZED PER THE N.E.C. (UNLESS OTHERWISE NOTED).

EDA
Electrical Design Associates INC.
2101 N. ANDREWS AVE., SUITE 100
FORT LAUDERDALE, FLORIDA 33311
PHONE: (954) 564-4012
FAX: (954) 564-3040
License No. 65-0868970
LILLIAN M. REYES, P.E.
Florida P.E. No. 50780

NO	DATE	REVISION	BY	NO	DATE	REVISION	BY
		BID SET					

DESIGNED LMR DATE 04/28/04
DRAWN KJL/RRM DATE 04/28/04
CHECKED LMR DATE 03/15/04

Calvin, Giordano & Associates, Inc.
Engineers Surveyors Planners
1800 Eller Drive Suite 600
Fort Lauderdale, Florida 33316
954.921.7781 954.921.8807 fax

SUNNY ISLES
OCEANFRONT PARK
Lighting Improvements

ELECTRICAL
NOTES AND
LEGEND

APPROVED Lillian M. Reyes, P.E. 0050780
DATE 04/28/04

SCALE AS NOTED:
PROJECT No
CAD FILE E-01 SITE_30

SHEET E-1 OF

F:\Electrical Design Associates, Inc\Projects\Cutler Gardens\Sunny Isles Beach\Ocean Front Park\A_Bldg Set\Bldg electrical\E-01 SITE_30.dwg 6/18/2004 11:14 PM, cpc 11