

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
PAGE OF PAGES
1 1

2. AMENDMENT/MODIFICATION NO. 0005
3. EFFECTIVE DATE 1 August 2003
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)

6. ISSUED BY CODE DACW17
7. ADMINISTERED BY (If other than Item 6) CODE
USA ENGINEER DISTRICT, JACKSONVILLE
PRUDENTIAL OFFICE BLDG
701 SAN MARCO BLVD., CESAJ-CT-E
JACKSONVILLE, FL 32207
KATHIE DUKE 904-232-3713 OR 561-626-7324
SOUTH FLORIDA AREA OFFICE
4400 PGA BOULEVARD
SUITE 203
PALM BEACH GARDEN, FLORIDA 33410

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
9A. AMENDMENT OF SOLICITATION NO. DACW17-03-R-0012
9B. DATED (SEE ITEM 11) 6 June 2003
10A. MODIFICATION OF CONTRACTS/ORDER NO.
10B. DATED (SEE ITEM 13)
CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

CENTRAL AND SOUTHERN FLORIDA ECOSYSTEM, CRITICAL RESTORATION PROJECT, WESTERN C-11 BASIN, PHASE 2, SPILLWAY 381, BROWARD COUNTY, FLORIDA

Any enclosures accompanying this amendment should be inserted in the plans and/or specifications as applicable. All superseded materials should be removed or adequately marked to indicate that they have been superseded.

PROPOSAL DUE DATE IS 11 AUGUST 2003, 4:00 PM.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR
15C. DATE SIGNED
16B. UNITED STATES OF AMERICA
16C. DATE SIGNED
BY (Signature of Contracting Officer)

SF 30 CONTINUATION SHEET

Central and Southern Florida Ecosystem Critical Restoration Project, Western C-11 Basin, Phase 2 Spillway 381.

DESCRIPTIVE CHANGES TO SPECIFICATIONS: The following are descriptive changes to the specifications. Specifications should be adequately marked to indicate that they have been changed.

1. Asterisks appear before and after the line or lines where revisions have been made to the text on the enclosed revised pages and pertain only to the changes made by this amendment except where the reverse side of a page has been previously amended; however, these can be identified by the amendment number opposite the page number at the bottom of each page.

2. Some specification revisions include additions with underlined text or deletions with line/cross-outs.

3. The text changes may have necessitated reformatting of subsequent text or pages. If this is the case, those pages have also been issued as amended pages but are not marked with asterisks, underlining or line/cross-outs.

SECTION 16415:

- a. On page 19, paragraph 2.12.4, **delete** the entire paragraph and **replace** it with the following paragraph:
"Metal poles shall be the pole manufacturer's standard design for supporting the number of fixtures indicated. Poles shall be designed for a basic wind speed of 130 mph in accordance with the latest version of ASCE 7 at the base of the pole. Use AASHTO LTS-3 for the height and drag factors. The effective projected area of luminaries and other pole-mounted devices shall be taken into account in pole design. Poles shall have grounding provisions. The type of pole shaft material provided shall not be mixed on any project. Grounding connection shall be provided near the bottom of each metal pole. Scratched, stained, chipped, or dented poles shall not be installed."
- b. On page 20, paragraph 2.12.4.1a, line 1, **insert** "or round" after "square".

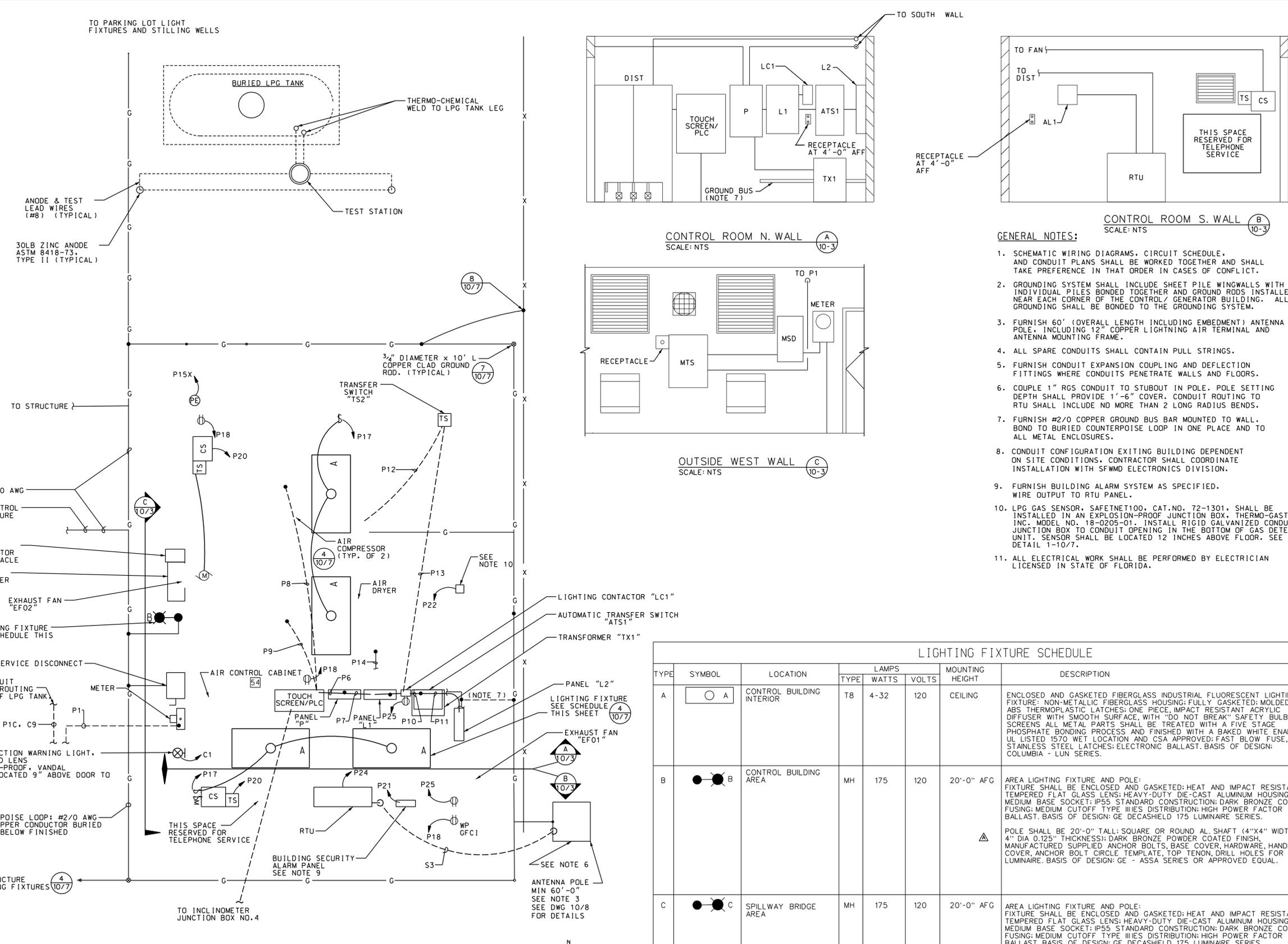
DESCRIPTIVE CHANGES TO THE DRAWINGS: The following are changes to the drawings.

Drawing 10/3: **Remove** the old drawing 10/3 and **replace** it with the new drawing 10/3.

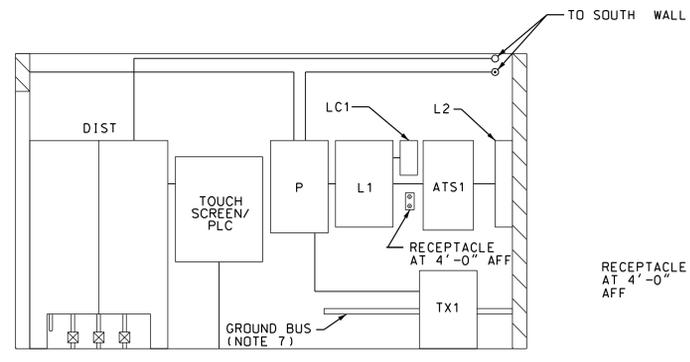
Drawing 10/7: **Remove** the old drawing 10/7 and **replace** it with the new drawing 10/7.

-End of Changes-

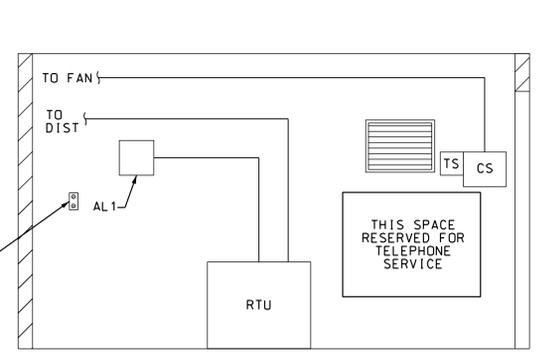
A B C D E F G H



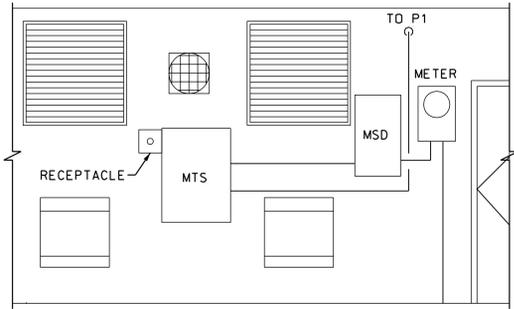
CONTROL/GENERATOR BUILDING - ELECTRICAL PLAN
SCALE: NTS



CONTROL ROOM N. WALL
SCALE: NTS



CONTROL ROOM S. WALL
SCALE: NTS



OUTSIDE WEST WALL
SCALE: NTS

GENERAL NOTES:

1. SCHEMATIC WIRING DIAGRAMS, CIRCUIT SCHEDULE, AND CONDUIT PLANS SHALL BE WORKED TOGETHER AND SHALL TAKE PREFERENCE IN THAT ORDER IN CASES OF CONFLICT.
2. GROUNDING SYSTEM SHALL INCLUDE SHEET PILE WINGWALLS WITH INDIVIDUAL PILES BONDED TOGETHER AND GROUND RODS INSTALLED NEAR EACH CORNER OF THE CONTROL/GENERATOR BUILDING. ALL GROUNDING SHALL BE BONDED TO THE GROUNDING SYSTEM.
3. FURNISH 60' (OVERALL LENGTH INCLUDING EMBEDMENT) ANTENNA POLE, INCLUDING 12" COPPER LIGHTNING AIR TERMINAL AND ANTENNA MOUNTING FRAME.
4. ALL SPARE CONDUITS SHALL CONTAIN PULL STRINGS.
5. FURNISH CONDUIT EXPANSION COUPLING AND DEFLECTION FITTINGS WHERE CONDUITS PENETRATE WALLS AND FLOORS.
6. COUPLE 1" RGS CONDUIT TO STUBOUT IN POLE. POLE SETTING DEPTH SHALL PROVIDE 1'-6" COVER. CONDUIT ROUTING TO RTU SHALL INCLUDE NO MORE THAN 2 LONG RADIUS BENDS.
7. FURNISH #2/0 COPPER GROUND BUS BAR MOUNTED TO WALL, BOND TO BURIED COUNTERPOISE LOOP IN ONE PLACE AND TO ALL METAL ENCLOSURES.
8. CONDUIT CONFIGURATION EXITING BUILDING DEPENDENT ON SITE CONDITIONS. CONTRACTOR SHALL COORDINATE INSTALLATION WITH SFWMD ELECTRONICS DIVISION.
9. FURNISH BUILDING ALARM SYSTEM AS SPECIFIED. WIRE OUTPUT TO RTU PANEL.
10. LPG GAS SENSOR, SAFETNET100, CAT. NO. 72-1301, SHALL BE INSTALLED IN AN EXPLOSION-PROOF JUNCTION BOX. THERMO-GASTECH INC. MODEL NO. 18-0205-01. INSTALL RIGID GALVANIZED CONDUIT FROM JUNCTION BOX TO CONDUIT OPENING IN THE BOTTOM OF GAS DETECTION UNIT. SENSOR SHALL BE LOCATED 12 INCHES ABOVE FLOOR. SEE DETAIL 1-10/77.
11. ALL ELECTRICAL WORK SHALL BE PERFORMED BY ELECTRICIAN LICENSED IN STATE OF FLORIDA.

LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	LOCATION	LAMPS			MOUNTING HEIGHT	DESCRIPTION
			TYPE	WATTS	VOLTS		
A	○ A	CONTROL BUILDING INTERIOR	T8	4-32	120	CEILING	ENCLOSED AND GASKETED FIBERGLASS INDUSTRIAL FLUORESCENT LIGHTING FIXTURE; NON-METALLIC FIBERGLASS HOUSING; FULLY GASKETED; MOLDED ABS THERMOPLASTIC LATCHES; ONE PIECE, IMPACT RESISTANT ACRYLIC DIFFUSER WITH SMOOTH SURFACE, WITH "DO NOT BREAK" SAFETY BULB SCREENS ALL METAL PARTS SHALL BE TREATED WITH A FIVE STAGE PHOSPHATE BONDING PROCESS AND FINISHED WITH A BAKED WHITE ENAMEL, UL LISTED 1570 WET LOCATION AND CSA APPROVED; FAST BLOW FUSE, STAINLESS STEEL LATCHES; ELECTRONIC BALLAST. BASIS OF DESIGN: COLUMBIA - LUN SERIES.
B	● B	CONTROL BUILDING AREA	MH	175	120	20'-0" AFG	AREA LIGHTING FIXTURE AND POLE: FIXTURE SHALL BE ENCLOSED AND GASKETED; HEAT AND IMPACT RESISTANT TEMPERED FLAT GLASS LENS; HEAVY-DUTY DIE-CAST ALUMINUM HOUSING, MEDIUM BASE SOCKET; IP55 STANDARD CONSTRUCTION; DARK BRONZE COLOR; FUSING: MEDIUM CUTOFF TYPE IIIIES DISTRIBUTION; HIGH POWER FACTOR BALLAST. BASIS OF DESIGN: GE DECASHIELD 175 LUMINAIRE SERIES. POLE SHALL BE 20'-0" TALL; SQUARE OR ROUND AL SHAFT (4"x4" WIDTH OR 4" DIA 0.125" THICKNESS); DARK BRONZE POWDER COATED FINISH, MANUFACTURED SUPPLIED ANCHOR BOLTS, BASE COVER, HARDWARE, HANDHOLE COVER, ANCHOR BOLT CIRCLE TEMPLATE, TOP TENON, DRILL HOLES FOR SINGLE LUMINAIRE. BASIS OF DESIGN: GE - ASSA SERIES OR APPROVED EQUAL.
C	● C	SPILLWAY BRIDGE AREA	MH	175	120	20'-0" AFG	AREA LIGHTING FIXTURE AND POLE: FIXTURE SHALL BE ENCLOSED AND GASKETED; HEAT AND IMPACT RESISTANT TEMPERED FLAT GLASS LENS; HEAVY-DUTY DIE-CAST ALUMINUM HOUSING, MEDIUM BASE SOCKET; IP55 STANDARD CONSTRUCTION; DARK BRONZE COLOR; FUSING: MEDIUM CUTOFF TYPE IIIIES DISTRIBUTION; HIGH POWER FACTOR BALLAST. BASIS OF DESIGN: GE DECASHIELD 175 LUMINAIRE SERIES. POLE SHALL BE 20'-0" TALL; SQUARE OR ROUND AL SHAFT (4"x4" WIDTH OR 4" DIA 0.125" THICKNESS); DARK BRONZE POWDER COATED FINISH, MANUFACTURED SUPPLIED ANCHOR BOLTS, BASE COVER, HARDWARE, HANDHOLE COVER, ANCHOR BOLT CIRCLE TEMPLATE, TOP TENON, DRILL HOLES FOR SINGLE LUMINAIRE. BASIS OF DESIGN: GE - ASSA SERIES OR APPROVED EQUAL. FURNISH DUPLEX RECEPTACLE WITH GFCA AND WEATHERPROOF COVER.



SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
2	△	IC-12	REVISED TO ACCOMPANY AMENDMENT NO. 0005

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

HDR ENGINEERING, INC.
2202 N. STATE ST. SUITE 300
TAMPA, FL 33607
CA 4213

Drawn by: R. LARSON
Checked by: J. ROSS
Scale: AS SHOWN

File name: LEM631
Reference files: 3386 (1/04)
3386 (0/06)

Date: AUG 2002
D.O. FILE NO. 402-38,333

CENTRAL AND SOUTHERN FLORIDA ECOSYSTEM
CRITICAL RESTORATION PROJECT
WESTERN C-11 BASIN PHASE 2
SPILLWAY 381
ELECTRICAL
CONTROL BUILDING POWER,
LIGHTING PLAN AND INTERIOR ELEVATIONS

DRAWING NO.
10 / 3

