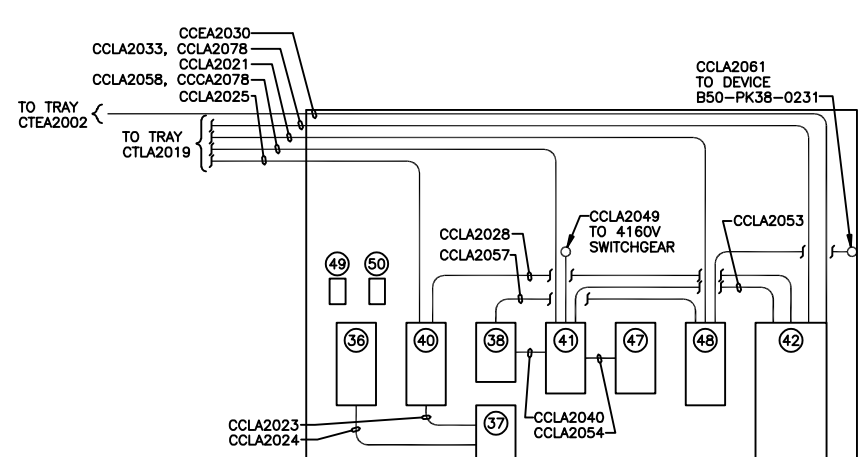


EQUIPMENT IDENTIFICATION AND SUPPLIER LIST			
REF NO.	POWTRAK ID NUMBER	DESCRIPTION	SUPPLIER
1	B50-KW26-121	FIRE PROTECTION PANEL 2	-
2	B50-ED26-003	125V DC PANEL	-
3	B50-EB26-013	120V UPS POWER PANEL	-
4	B50-EB26-011	120V AC VOLTAGE REGULATOR (21.25"Wx32.25"H)	-
5	B50-JR21-001A	CONVERTOR/INVERTER A (220.5"Wx55.12"Dx100.35"H)	-
6	B50-JR21-001B	CONVERTOR/INVERTER B (220.5"Wx55.12"Dx100.35"H)	-
7	-	not used	-
8	B50-EE21-001A	AC REACTOR A (82"Wx52"Dx84"H)	-
9	B50-JR21-002A	DC REACTOR A (85"Wx85"D)	-
10	B50-JR21-002B	DC REACTOR B (85"Wx85"D)	-
11	B50-EE21-001B	AC REACTOR B (82"Wx52"Dx84"H)	-
12	-	WORKSTATION	-
13	-	FUTURE WORKSTATION	-
14	B50-EE21-003A	TERMINATION COMPARTMENT A (144"Wx44"Dx93.125"H)	-
15	B50-EE21-002A	STARTUP FUSE A (36.06"Wx25.22"Dx63.22"H)	-
16	B50-EE21-002B	STARTUP FUSE B (36.06"Wx25.22"Dx63.22"H)	-
17	B50-EE21-003B	TERMINATION COMPARTMENT B (144"Wx44"Dx93.125"H)	-
18	B50-EF33-001A	COMMON MOTOR CONTROL CENTER	-
19	-	not used	-
20	B50-EA27-001	MARK VI CONTROL CABINET - BOP (102"Wx 23"Dx 92"H)	-
21	B50-EF21-001A	4160 V. COMMON SWITCHGEAR A	-
22	B50-EF21-001B	4160 V. COMMON SWITCHGEAR B	-
23	B50-EF21-002A	COMMON SUS SWITCHGEAR A	-
24	B50-EF21-002B	COMMON SUS SWITCHGEAR B	-
25	B50-EF29-002A	COMMON SUS TRANSFORMER A	-
26	B50-EF29-002B	COMMON SUS TRANSFORMER B	-
27	B50-JR29-001A	ISOLATION TRANSFORMER	-
28	B50-JR29-001B	ISOLATION TRANSFORMER	-
29	B50-JU01-001	LCI COOLING WATER PUMP 1	-
30	B50-JU01-002	LCI COOLING WATER PUMP 2	-
31	B50-JU08-003	LCI HEAT EXCHANGER 1	-
32	B50-JU08-004	LCI HEAT EXCHANGER 2	-
33	B50-JU08-005	LCI FIN FAN COOLER	-
34	-	OUTDOOR EMERGENCY SHOWER	-
35	B50-ED26-002	120VDC UNIT BATTERY	-
36	B50-EB26-002	PLANT LIGHTING 480/277V POWER PANEL (20"Wx5 3/4"Dx42"H)	-
37	B50-EB29-002	75KVA 3 PHASE 4 WIRE W/NEUTRAL 480-120/208V LIGHTING TRANSFORMER (20 1/8"Wx14 1/2"Dx30 1/8"H)	-
38	B50-EB29-001	480A TO 480V/277V 3 PHASE 4 WIRE W/NEUTRAL 45KVA TRANSFORMER (20 1/8"Wx14 1/2"Dx30 1/8"H)	-
40	B50-EB26-001	PLANT AUX 480V POWER PANEL (20"Wx5 3/4"Dx42"H)	-
41	B50-EB26-003	PLANT AUX 208/120V POWER PANEL (20"Wx5 3/4"Dx36"H)	-
42	B50-PK38-0251	TEMPERATURE CONTROL PANEL	-
43	B50-ED26-012A	125V DC BATTERY CHARGER 1 (24"Wx35 1/2"Dx82"H)	-
44	B50-ED26-012B	125V DC BATTERY CHARGER 2 (24"Wx35 1/2"Dx82"H)	-
45	B50-ED26-012	120V UPS INVERTER (24"Wx35 1/2"Dx82"H)	-
46	-	STATIC SWITCH (24"Wx35 1/2"Dx82"H)	-
47	B50-EB26-004	PLANT AUX 208/120V POWER PANEL (20"Wx5 3/4"Dx36"H)	-
48	B50-EB26-008	PLANT AUX 480V POWER PANEL (20"Wx5 3/4"Dx42"H)	-
49	B50-EB26-002A	SWITCHGEAR ROOM LIGHTING CONTACTOR (8"Wx6"Dx13"H)	-
50	B50-EB26-002B	ROAD & SITE LIGHTING CONTACTOR (8"Wx6"Dx13"H)	-
51	B50-KW26-PL4	SHARED SERVICES BLDG LOCAL FIRE PROT PNL	-



- NOTES**
- ALL UNDERGROUND CONDUITS ROUTED TO MANHOLE SHALL DROP 1 INCH IN ELEVATION PER 100 FEET OF LINEAR RUN. THE CONDUITS SHALL SLOPE DOWN TOWARDS THE MANHOLE FOR DRAINAGE. UNDERGROUND CONDUIT CENTER LINE ELEVATIONS SHOWN ON PLAN VIEW ARE HIGH POINT ELEVATIONS.
 - MINIMUM CONDUIT BENDING RADIUS FOR ALL HORIZONTAL AND VERTICAL BENDS SHALL BE 36 INCHES.
 - FOR GRAPHIC SYMBOLS, SEE DRAWING COE-E0001.
 - SEE M1000 SERIES DRAWINGS FOR THE LOCATION OF CLASS 1 DIVISION 2 HAZARDOUS AREAS.

- REFERENCE DRAWINGS**
- 60903-COE-E0001 ELECTRICAL DRAWING GRAPHIC SYMBOLS SHEET
 - 60903-COE-E0101 CIRCUIT LIST
 - 60903-COE-E0111 RACEWAY LIST
 - 60903-CEE-E3000 RACEWAY COMPOSITE OVERALL SITE
 - 60903-CEE-E3202 RACEWAY COMPOSITE - CONT RM/OFFICE AREA CONTROL/SHARED SERVICES BUILDING
 - 60903-CEE-E4201 RACEWAY COMPOSITE - SWITCHGEAR ROOM CONTROL/SHARED SERVICES BLDG CABLE TRAY
 - 60903-CEE-E5203 GROUNDING - SWITCHGEAR/DCS CONTROL ROOM CONTROL/SHARED SERVICES BUILDING
 - 60903-CEB-E6501 LIGHTING & COMMUNICATIONS CONTROL/SHARED SERVICES BUILDING
 - 60903-CMA-E7201 GENERAL ARRANGEMENT - SWITCHGEAR ROOM CONTROL/SHARED SERVICES BUILDING
 - 60903-CJH-M1007 PLANT ARRANGEMENT CONTROL/SHARED SERVICES BLDG PLAN
 - 60903-CMA-M2801 CONTROL/SHARED SERVICES BUILDING - HVAC DUCT & INSTRUMENTATION DIAGRAM
 - 60903-CMA-M5001 CONTROL/SHARED SERVICES BUILDING - HVAC PARTIAL FLOOR PLAN - SWITCHGEAR AREA
 - 60903-CMA-S3300 SITE - UNDERGROUND UTILITIES KEY PLAN, GENERAL NOTES AND LEGEND
 - 60903-CMA-S3320 BUILDING & GROUNDS-UNDERGROUND UTILITIES ELECTRICAL DUCT BANK SECTIONS & DETAILS
 - 60903-CMA-S3321 BUILDING & GROUNDS-UNDERGROUND UTILITIES ELECTRICAL DUCT BANK SECTIONS & DETAILS
 - 60903-CMA-S3322 BUILDING & GROUNDS-UNDERGROUND UTILITIES ELECTRICAL MANHOLE SECTIONS AND DETAILS
 - 60903-CMA-S4007 CONTROL/SHARED SERV BLDG-ARCHITECTURAL FLOOR AND ROOF PLANS
 - 60903-CMA-S4008 CONTROL/SHARED SERV BLDG-ARCHITECTURAL ELEVATIONS
 - 60903-CMA-S5151 CONTROL/SHARED SERVICES BLDG-FDNS PLAN, SECTIONS, AND DETAILS
 - 60903-CMA-S5152 CONTROL/SHARED SERVICES BLDG-FDNS PLAN, SECTIONS, AND DETAILS
 - BBSS12 FOUNDATION DETAIL ISOLATION AND SUS TRANSFORMER FDNS

INDICATES LIMITS OF TRAY IDENTIFICATION/NUMBERING. NUMBER CHANGES ALSO OCCUR AT TEES, CROSSES, AND REDUCER FITTINGS.

8 07-27-2001 CONFORMED TO CONSTRUCTION RECORDS
7 02-06-2001 GENERAL REVISIONS
6 01-05-2001 GENERAL REVISIONS
5 10-04-2000 GENERAL REVISIONS
4 08-30-2000 GENERAL REVISIONS

SAFADARRJSDJZRRER 3 08-15-2000 GENERAL REVISIONS
RJSADARRJSDJZRRER 2 08-04-2000 GENERAL REVISIONS
RJSADARRJSDJZRRER 1 05-31-2000 GENERAL REVISIONS
RJSADARRJSDJZRRER 0 05-19-2000 APPROVED FOR CONSTRUCTION
RJSADARRJSDJZRRER NO DATE REVISIONS AND RECORD OF ISSUE

1. I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA.
SIGNED J. D. YATES
DATE 05-19-2000 REG. NO. 55236

BLACK & VEATCH
JEA
ENGINEER JDY DRAWN RJS
CHECKED LIL DATE 05-19-2000

PROJECT JEA BRANDY BRANCH STATION
DRAWING NUMBER 60903-CEE-E3201
REV 8
RACEWAY COMPOSITE - SWITCHGEAR ROOM CONTROL/SHARED SERVICES BUILDING