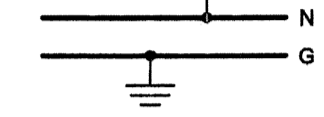


LIGHTING PANEL "LP-1" SCHEDULE
208/120V, 60Hz, 3Ø, 4 WIRE 10kA IR

SERVICE DESCRIPTION	#	WATTS	WIRE SIZE	CKT. NO.	BRANCH CB	A	B	C	N	BRANCH CB	CKT. NO.	WIRE SIZE	WATTS	#	SERVICE DESCRIPTION
INTERIOR LIGHTING	*	12	12	1	20A HID					20A	2	12	*		PLC CABINET
INTERIOR LIGHTING	*	12	12	3	20A HID					20A	4	12	*		FLOW TRANSMITTER
RECEPTACLES	*	12	12	5	20A GFI					20A GFCI	6	12	*		CONTROL VALVES
RECEPTACLES	*	12	12	7	20A GFI					20A	8	12	*		CONTROL VALVES
EMERGENCY LIGHTS	*	12	12	9	20A					15A	10	12	*		SUPPLEMENT BLENDING UNIT
CONTROL ROOM HVAC UNIT	*	12	12	11	20A					20A	12	12	*		EXHAUST FAN
CONTROL ROOM HVAC UNIT	*	12	12	13	20A					20A	14	-	*		BATHROOM EXHAUST FAN
SPACE	*	-	-	15	-					15A	16	12	*		AIR DAMPER ACTUATOR
SPACE	*	-	-	17	-					-	18	-	*		SPACE
SPACE	*	-	-	19	-					-	20	-	*		SPACE

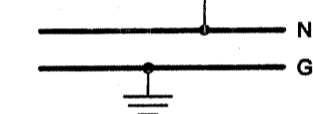


PANEL MTD.:	SURFACE	ENCLOSURE:	NEMA 12
MANUFACTURER:	SQUARE-D	TYPE:	NQOD
MAIN BREAKER:	60A (QOB)	MAIN LUGS:	100A
FEEDER SIZE:	4#4 & 1#8 GND	FEEDER ENTRY:	BOTTOM

- 1. # - NO. OF FIXTURES OR RECEPTACLES
- 2. * - DETAILS NOT AVAILABLE
- 3. RECEPTACLE CIRC. LOADING BASED ON 500W/OUTLET
- 4. BRANCH CIRCUIT BREAKERS TO BE QOB TYPE

POWER PANEL "PP-1" SCHEDULE
480/277V, 60Hz, 3Ø, 4 WIRE 18kA IR

SERVICE DESCRIPTION	#	WATTS	WIRE SIZE	CKT. NO.	BRANCH CB	A	B	C	N	BRANCH CB	CKT. NO.	WIRE SIZE	WATTS	#	SERVICE DESCRIPTION
INJECTION WELL IW-1	*	10	10	1	15A					15A	2	10	*		INJECTION WELL IW-2
INJECTION WELL IW-3	*	10	10	3	15A					15A	4	10	*		INJECTION WELL IW-4
INJECTION WELL IW-5	*	10	10	5	15A					15A	6	10	*		INJECTION WELL IW-6
INJECTION WELL IW-7	*	10	10	7	15A					15A	8	10	*		INJECTION WELL IW-8
INJECTION WELL IW-9	*	10	10	9	15A					15A	10	10	*		INJECTION WELL IW-10
INJECTION WELL IW-11	*	10	10	11	15A					15A	12	10	*		INJECTION WELL IW-12
INJECTION WELL IW-13	*	12	12	13	15A					15A	14	10	*		INJECTION WELL IW-8
INJECTION WELL IW-15	*	12	12	15	15A					15A	16	10	*		INJECTION WELL IW-10
INJECTION WELL IW-17	*	12	12	17	15A					15A	18	10	*		INJECTION WELL IW-12
INJECTION WELL IW-19	*	12	12	19	15A					15A	20	10	*		INJECTION WELL IW-14
INJECTION WELL IW-21	*	12	12	21	15A					15A	22	10	*		INJECTION WELL IW-16
SPACE	*	-	-	23	-					-	24	10	*		INJECTION WELL IW-12
SPACE	*	-	-	25	-					-	26	12	*		INJECTION WELL IW-14
SPACE	*	-	-	27	-					-	28	12	*		INJECTION WELL IW-16
SPACE	*	-	-	29	-					-	30	12	*		INJECTION WELL IW-16
SPACE	*	-	-	31	-					-	32	12	*		INJECTION WELL IW-16
SPACE	*	-	-	33	-					-	34	12	*		INJECTION WELL IW-18
SPACE	*	-	-	35	-					-	36	12	*		INJECTION WELL IW-18
SPACE	*	-	-	37	-					-	38	12	*		INJECTION WELL IW-20
SPACE	*	-	-	39	-					-	40	12	*		INJECTION WELL IW-20
SPACE	*	-	-	41	-					-	42	12	*		INJECTION WELL IW-22
SPACE	*	-	-	43	-					-	44	12	*		INJECTION WELL IW-22
SPACE	*	-	-	45	-					-	46	-	*		SPACE
SPACE	*	-	-	47	-					-	48	-	*		SPACE
SPACE	*	-	-	49	-					-	50	-	*		SPACE
SPACE	*	-	-	51	-					-	52	-	*		SPACE
SPACE	*	-	-	53	-					-	54	-	*		SPACE



PANEL MTD.:	SURFACE	ENCLOSURE:	NEMA 12
MANUFACTURER:	SQUARE-D	TYPE:	NF
MAIN BREAKER:	70A (EDB)	MAIN LUGS:	225A
FEEDER SIZE:	3#4 & 1#8 GND	FEEDER ENTRY:	BOTTOM

- 1. # - NO. OF FIXTURES OR RECEPTACLES
- 2. * - DETAILS NOT AVAILABLE
- 3. RECEPTACLE CIRC. LOADING BASED ON 500W/OUTLET
- 4. BRANCH CIRCUIT BREAKERS TO BE EDB TYPE

REFERENCE DRAWINGS
E-04 LIGHTING PLAN

DATE PRINTED
5/26/05

100% REVIEW DRAWINGS
NOT FOR CONSTRUCTION

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

MEK
5/26/05

HOOKER/RUCO SITE
HICKSVILLE, NEW YORK

BIOSPARGE TREATMENT SYSTEM

CONTROL BUILDING
PANELBOARD SCHEDULES

CRA Infrastructure & Engineering, Inc.

Source Reference:	Date:
Project Manager:	Reviewed By:
J. KAY	BME/TFP
Designed By:	Drawn By:
D. SZALACH	DLS
Scale:	Report No.:
NONE	06883-10
Project No.:	045
Drawing No.:	E-05