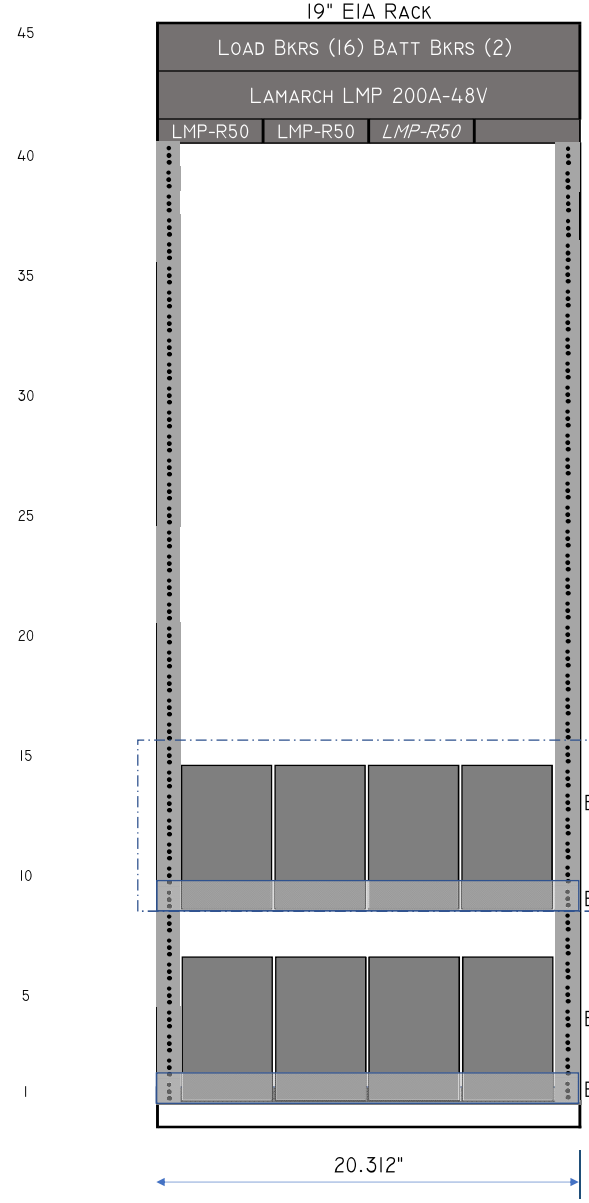
Notes

1. Equipment in italics for Landfill only
2. One battery string at (3) Woodland sites
3. Two battery strings at landfill
4. Two rectifiers at (3) Woodland sites
5. Three rectifiers at Landfill

19" EIA Rack



DC Distribution Schedule

Brk #	Description	Size (A)	
L1			Non-Critical Loads
L2			
L3			
L4			
L5			
L6			
L7			
L8			
L9	LMR Rack Bus A	100	Critical Loads
L10	LMR Rack Bus B	100	
L11	*MW Rack A*	100	
L12	*MW Rack B*	100	
L13		*100*	
L14		*100*	
L15		20	
L16		20	

B1	Battery 2	100
B2	Battery 2	100

Landfill only

Landfill only

REV	DAT	BY	DESCRIPTION	APPD

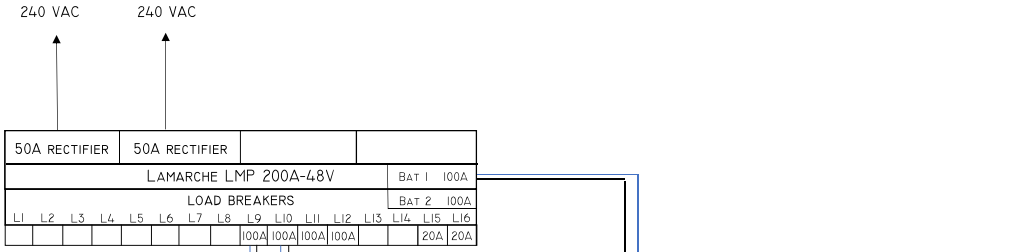
TABLE OF CHANGES

TRYG, Inc.
CONSULTING ENGINEERS
1511 Eligio Lane
Davis, CA 95618

Rack Elevation Diagram
Woodland Site (Typical) and Landfill

DESIGNED:	
DRAWN:	
CHECKED:	
SCALE:	
DATE:	

SIZE	DRAWING NUMBER	ISS



NOTES:

1. SCHEMATIC DIAGRAM, ALL RETURNS END AT RETURN BUS ON LMP 200A-48V
2. USE TELCOFLEX IV FOR ALL DC WIRING, BLUE FOR -48VDC, BLACK FOR RETURN
3. #2 AWG OR GREATER FOR 100A CKTS; #12 AWG OR GREATER FOR 20A CIRCUITS
4. GROUND CONDUCTORS NOT SHOWN

EAST PENN HT80ET

LAMARCHE DISTRIBUTION

	POS	AMP	DESCRIPTION
NON-CRITICAL LOADS	L1		
	L2		
	L3		
	L4		
	L5		
	L6		
	L7		
	L8		
CRITICAL LOADS	L9	100	LMR RACK BUS A
	L10	100	LMR RACK BUS B
	L11	100	
	L12	100	
	L13		
	L14		
	L15	20	
	L16	20	

BAT1	100	BATTERY BREAKER 1
BAT2	100	BATTERY BREAKER 2

TRIMM SPLIT BUS CKT BKR PANEL
907210I002 (YECA PROVIDED)

BUS A						BUS B					
1	2	3	4	5	6	6	5	4	3	2	1
20	20	20	20	20	20	20	20	20	20	20	20

48VDC TRIMM DIST FOR LMR RACK

BUS	POS.	AMP	DESCRIPTION
A	1	20	
A	2	20	
A	3	20	
A	4	20	
A	5	10	
A	6	10	
B	6	10	
B	5	10	
B	4	20	
B	3	20	
B	2	20	
B	1	20	

TBD Tait

REV	DAT	BY	DESCRIPTION	APPD

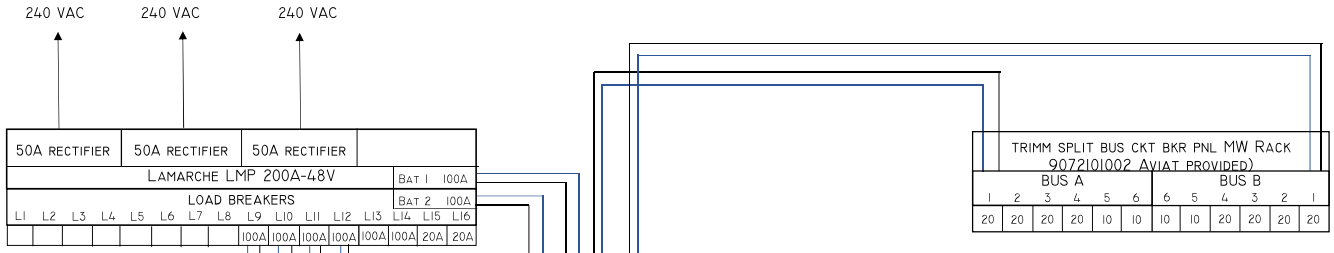
TABLE OF CHANGES

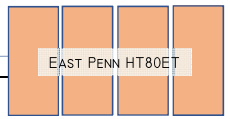
TRYG, Inc.
CONSULTING ENGINEERS
1511 ELIGIO LANE
DAVIS, CA 95618

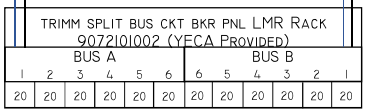
SINGLE LINE DIAGRAM
WOODLAND SITES: FS2, FS3, WPD

DESIGNED:	
DRAWN:	
CHECKED:	
SCALE:	
DATE:	

SIZE	DRAWING NUMBER	ISS







LAMARCHE DISTRIBUTION

	POS	AMP	DESCRIPTION
NON-CRITICAL LOADS	L1		
	L2		
	L3		
	L4		
	L5		
	L6		
	L7		
	L8		
CRITICAL LOADS	L9	100	LMR RACK BUS A
	L10	100	LMR RACK BUS B
	L11	100	MW RACK BUS A
	L12	100	MW RACK BUS B
	L13	100	
	L14	100	
	L15	20	
	L16	20	

BAT1	100	BATTERY BREAKER 1
BAT2	100	BATTERY BREAKER 2

48VDC TRIMM DIST FOR MW RACK

BUS	POS.	AMP	DESCRIPTION
A	1	20	
A	2	20	
A	3	20	
A	4	20	TBD Aviat
A	5	10	
A	6	10	
B	6	10	
B	5	10	
B	4	20	
B	3	20	
B	2	20	
B	1	20	

48VDC TRIMM DIST FOR LMR RACK

BUS	POS.	AMP	DESCRIPTION
A	1	20	
A	2	20	
A	3	20	
A	4	20	TBD Tait
A	5	10	
A	6	10	
B	6	10	
B	5	10	
B	4	20	
B	3	20	
B	2	20	
B	1	20	

NOTES:

1 SCHEMATIC DIAGRAM, ALL RETURNS END AT RETURN BUS ON LMP 200A-48V
2 USE TELCOFLEX IV FOR ALL DC WIRING, BLUE FOR -48VDC, BLACK FOR RETURN
3 #2 AWG OR GREATER FOR 100A CKTS; #12 AWG OR GREATER FOR 20A CIRCUITS
4 GROUND CONDUCTORS NOT SHOWN

REV	DAT	BY	DESCRIPTION	APPD

TABLE OF CHANGES

TRYG, Inc.
CONSULTING ENGINEERS
1511 ELIGIO LANE
DAVIS, CA 95618

SINGLE LINE DIAGRAM
LANDFILL SITE

DESIGNED:	
DRAWN:	
CHECKED:	
SCALE:	
DATE:	

SIZE	DRAWING NUMBER	ISS