

LIST OF MATERIAL

ITEM NO.	QTY	DESCRIPTION
1	1	SERVIT POST, #2-#20 WIRES, BURNED KOCINS
2	1	CONNECTOR, TWO #4-#20 WIRE FLAT BAR, BURNED TYPE GC6M (LONGER BOLT AS REQD)

MOTOR GROUNDING (1) REF
N.T.S.

LIST OF MATERIAL

ITEM NO.	QTY	DESCRIPTION
1	1	MOLD HORIZONTAL TEL, #4/0-#4/0 WIRE
2	1	CARTRIDGE, STANDARD POWDER 150 GRAMS
3	1	FLUSH PLATE, #4/0 WIRE SIZE, 3/8" TAPPED
4	2	LUG, #1/2-#20 WIRE x 3/8" BOLT
5	2	SILICONE-BRONZE BOLT, 3/8"-18 x 3/4" LONG
6	2	SILICONE-BRONZE LOCKWASHER SPRING 3/8"

SWITCHGEAR OR CONTROL PANEL GROUNDING (2) REF
N.T.S.

LIST OF MATERIAL

ITEM NO.	QTY	DESCRIPTION
1	1	CONDUIT, RIGID GALVANIZED STEEL, SIZE PER PLAN
2	1	CONDUIT BUSHING, NON-INSULATED GALV, PER CONDUIT SIZE
3	1	PLUG, SD HD RIGID ALUM, PER CONDUIT SIZE
4	1	CONDUIT COUPLING, RIGID GALVANIZED STEEL, PER CONDUIT SIZE

CONDUIT STUB-UP (3) REF
N.T.S.

LIST OF MATERIAL

ITEM NO.	QTY	DESCRIPTION
1	1	THERMAL WELD, GROUND, SIZE AS REQUIRED
2	1	GROUND CONNECTION, CABLE TO BAR, SIZE AS REQUIRED
3	1	GROUND POST, SIZE AS REQUIRED
4	1	TYPE "TW" INSULATED GREEN GROUND WIRE (UNLESS OTHERWISE NOTED)

GROUNDING CONNECTIONS (4) REF
N.T.S.

LIST OF MATERIAL

ITEM NO.	QTY	DESCRIPTION
1	1	GROUND PLATE, FLUSH, CADWELD 90-10/90

FLUSH FLOOR GROUND PLATE (5) REF
N.T.S.

LVEA CONDUIT FLOOR RISER (6) REF
N.T.S.

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	1-22-99	MEI				ISSUED FOR AS BUILT
2	4-15-99					CHANGE ORDER #4

AS-BUILT DRAWINGS

DESIGNED	AL	AL
DRAWN	AL	AL
CHECKED		
ENGINEER		
PROJ		

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LIGO-D960745-00-O
 LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 BTE SITENWORK & FABRICATION - HANFORD, WA

TITLE	DATE	REVISION NUMBER	REVISION DESCRIPTION
	NONE	PP150969	8094

ELECTRICAL GROUNDING DETAILS SHEET 1
BT-E-603