

C:\LANL Engineering Standards\Eng. Manual [LB]\2. Approved\ST-G4010-27E2.dwg, 11/04/02 14:58 083988

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H	BILL OF MATERIALS							
	ITEM	DESCRIPTION	QTY	MFR. CATALOG No.				
	①	WOOD POLE, DF _____, CLASS 3	2					
	⑦	SPRING WASHER, 5/8" SIZE	19	JOSLYN #J177				
	⑧	WIRE, 3/8" (7#8) H.S. STATIC, 30% COND.	AS REQ'D	COPPERWELD				
	⑨	POLE BAND, 4-WAY, FOR 7 1/2" TO 12" DIA.	2	HUGHES #1111				
	⑩	LAG SCREW, 1/2" X 4"	2	JOSLYN #JB784				
G	⑪	CONNECTING LINK	6	HUGHES #3170				
	⑫	GUY ROLLER, WHEEL TYPE, WITH 3/4" X 2" BOLT	6	HUGHES #28082				
	⑬	GUY GRIP DEADEND, "B" COAT, 3/8" SIZE, GALV.	6	PREFORMED #CDE3115				
	⑭	CRIMP CONNECTOR	7	HYTAP				
	⑮	CRIMP CONNECTOR	4	HYTAP				
	⑯	LOW VOLTAGE STEEL PIN, 5/8", 6" HEIGHT	6	JOSLYN #J2D7Z				
F	⑰	PIN INSULATOR, ANSI CLASS 55-5	6	VICTOR #BR				
	⑱	SPRING WASHER, 1/2" SIZE	2	JOSLYN #J176				
	⑳	SQUARE WASHER, 5/8" SIZE	10	JOSLYN #J1D74				
	㉑	DOUBLE ARMING BOLT, 5/8" X 22"	10	JOSLYN #JB872				
	㉒	EYE NUT, 5/8" SIZE	6	JOSLYN #J1D82				
	㉓	SUSPENSION INSULATOR, POLYMER	12	JOSLYN #L1510				
	㉔	STRAIN CLAMP, DEADEND	6	HUBBELL/ANDERSON #GDM-2040				
E	㉕	CLAMP, HOT LINE, FOR ACSR	6	CHANCE #S153D-AGP				
	㉖	INTER. TYPE METAL OXIDE SURGE ARRESTER	6	HUBBELL/OHIO BRASS MODEL PDV-100, #213813				
	㉗	INTER. ARRESTER, MOUNTING BRACKET	6	HUBBELL/OHIO BRASS #7224				
	㉘	DIST. TIES FOR 3/O ACSR (6/1)	3	PREFORMED #UTF-1207				
	㉙	NO. 1/O BARE COPPER WIRE, 7 STRAND	AS REQ'D					
	㉚	GROUND WIRE STAPLE, 2"	AS REQ'D	JOSLYN #J6655				
D	㉛	GROUND ROD, 3/4" X 8"	1	JOSLYN #J533B				
	㉜	GROUND ROD CLAMP, HEX HEAD, 3/4"	1	JOSLYN #JB4B3				
	㉝	4" X 6" X 16' FIR TIMBER	12					
	㉞	WEJTAP CONNECTOR	6	FCI-BURNDY (# AS REQUIRED)				
	㉟	RECLOSER WITH MOUNTING FRAME	1	COOPER POWER #WVE				
	㊱	BY-PASS SWITCH	3	KEARNEY #127733-6R				
C	㊲	"X" BRACE FOR 12'-0" C. TO C.	1	HUGHES #1042-12-0				
	㊳	3/4" X 18" GALVANIZED BOLT	10	JOSLYN #J8918				
	㊴	3/4" GALVANIZED SPRING WASHER	10	JOSLYN #J3541				
	㊵	4" X 4" X 1/4" GALVANIZED SQUARE WASHER, 7/8" HOLE	10	JOSLYN #J1D82				

GENERAL NOTES:
 1. THIS BILL OF MATERIALS APPLIES TO DRAWING ST-G4010-27, SHT. 1.
 2. EQUIPMENT ITEM NUMBERS ((1)) REFER TO EQUIPMENT NUMBERS IN LANL SUPPORT SERVICES CONTRACTOR'S MASTER BILL OF MATERIALS. ONLY THOSE NUMBERS USED ON SHT. 1 OF THIS DRAWING ARE SHOWN.

NOTES FOR DESIGNER:
 (DO NOT INCLUDE ON CONSTRUCTION DRAWING)
 1. COMPLY WITH CURRENT EDITION OF LANL DRAFTING MANUAL FOR CALL-OUTS PROTOCOL AND LOCATION OF SCHEDULES/MATERIAL.
 2. ASSIGN AN APPROPRIATE DRAWING NUMBER PER CURRENT EDITION OF LANL DRAFTING MANUAL PROTOCOL FOR DETAILS.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

NO	DATE	CLASS	REV	DESCRIPTION	OWN	VER	CHKD	SUB	APP	
FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE										
LANL ENGINEERING MANUAL SITE ELECTRICAL DISTRIBUTION STDS.					DRAWN	M. BAKER				
STANDARD RECLOSER AND SECTIONALIZER INSTALLATION BILL OF MATERIALS					DESIGN	D. BRYANT				
BLDG. X TA-X					CHECKED	J. LANDMAN				
SUBMITTED					DATE	8/30/02				
DISCIPLINE POCI DAVID POWELL					APPROVED FOR RELEASE STANDARDS MANAGER TOSH GRUCH					
					SHEET 2					
CLASSIFICATION U					REVIEWER MICHAEL LADACH					
PROJECT ID					DATE 8/30/02					
CHAPTER 7					ST-G4010-27					
DRAWING NO					REV					
0					0					