BILL OF MATERIALS

ITEM	DESCRIPTION	QTY	MFR. CATALOG No.
①	WOOD POLE, DF _____', CLASS 3	2	
⑦	SPRING WASHER, 5/8" SIZE	8	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 #J8784
⑪	CONNECTING LINK	2	HUGHES #3170
⑫	GUY ROLLER, WHEEL TYPE, WITH 3/4" X 2" BOLT	2	HUGHES #28082
⑬	GUY GRIP DEADEND, "B" COAT, 3/8" SIZE, GALV.	2	PREFORMED #GDE3115
⑭	CRIMP CONNECTOR	1	HYTAP
⑮	CRIMP CONNECTOR	2	HYTAP
㉒	SQUARE WASHER, 5/8" SIZE	8	JOSLYN #J1074
㉓	DOUBLE ARMING BOLT, 5/8" X 22"	6	JOSLYN #J8872
㉔	EYE NUT, 5/8" SIZE	6	JOSLYN #J1092
㉕	SUSPENSION INSULATOR, POLYMER	12	JOSLYN #L1510
㉖	STRAIN CLAMP, DEADEND	8	HUBBELL/ANDERSON #GDW-2040
㉗	CLAMP, HOT LINE, FOR ACSR	3	CHANCE #S153D-AGP
㉘	HOT LINE CLAMP ADAPTER, 1/0-4/0 ACSR	3	FCI-BURNDY #YCB-2BU26
㉛	INTER. TYPE METAL OXIDE SURGE ARRESTER	3	HUBBELL/OHIO BRASS MODEL PDV-100, #213813
㉜	INTER. ARRESTER, MOUNTING BRACKET	3	HUBBELL/OHIO BRASS #7224
㊽	NO. 1/0 BARE COPPER WIRE, 7 STRAND	AS REQ'D	
㊼	GROUND WIRE STAPLE, 2"	AS REQ'D	JOSLYN #J6655
㊶	GROUND ROD, 3/4" X 8'	1	JOSLYN #J5338
㊷	GROUND ROD CLAMP, HEX HEAD, 3/4"	1	JOSLYN #J8493
⑦⑩	4" X 6" X 16' FIR TIMBER	5	
㊸		3	
㊺		1	
㊻		1	
㊢	"X" BRACE FOR 12'-0" C. TO C.	1	HUGHES #1042-12-0
㊣	3/4" X 18" GALVANIZED BOLT	8	JOSLYN #J8918
㊤	3/4" GALVANIZED SPRING WASHER	8	JOSLYN #J3541
㊥	4" X 4" X 1/4" GALVANIZED SQUARE WASHER, 7/8" HOLE	6	JOSLYN #J1082

GENERAL NOTES:

1. THIS BILL OF MATERIALS APPLIES TO DRAWING ST-G4010-28, 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	DWN	VER	CHKD	SUB	APP

FWO

FACILITY & WASTE OPERATIONS
SYSTEMS ENGINEERING & MAINTENANCE

LANL ENGINEERING MANUAL
SITE ELECTRICAL DISTRIBUTION STDS.

STANDARD 2-POLE GANG SWITCH INSTALLATION
BILL OF MATERIALS

DRAWN	M. BAKER	
DESIGN	D. BRYANT	
CHECKED	J. LANDMAN	
BLDG. X	TA-X	DATE 8/30/02

SUBMITTED
DISCIPLINE POC: DAVID POWELL

APPROVED FOR RELEASE
STANDARDS MANAGER: TOBIN ORUCH

SHEET	2
2 or 2	

Los Alamos
NATIONAL LABORATORY
PO Box 1663
Los Alamos, New Mexico 87545

CLASSIFICATION U   REVIEWER: MICHAEL LADACH   DATE 8/30/02

PROJECT ID	DRAWING NO	REV
CHAPTER 7	ST-G4010-28	0