



GENERAL NOTES

1. REFER TO SPECIFICATION SECTION 26 2713 FOR MATERIALS AND INSTALLATION REQUIREMENTS.

KEYED NOTES

- ① WHERE AVAILABLE, USE SWITCHBOARD OR SWITCHGEAR ASSEMBLY CONTROL POWER, 120VAC OR 125 VDC.
- ② SELECT CURRENT TRANSFORMERS BASED ON CIRCUIT RATING. (E.G. 1600:5 CTS FOR A 1600A CIRCUIT).
- ③ MAKE POTENTIAL TAPS USING APPROVED CONNECTORS. USE INSULATING GUTTER TAPS (BURNDY TYPE KPU-AC) FOR CONNECTIONS TO CABLES IN A CURRENT TRANSFORMER CABINET.

DESIGNER:
USE THIS DIAGRAM FOR PROJECTS WHERE THE ELECTRICAL SERVICE ENTRANCE IS RATED MORE THAN 800 AMPERES. REFER TO DRAWING ST-D5010-5 FOR SMALLER SERVICES.

METER CONNECTION DIAGRAM

SCALE: NONE

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

NO	DATE	CLASS	REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
ENGINEERING SERVICES										
LANL ENGINEERING MANUAL SITE ELECTRICAL DISTRIBUTION STDS.										DRAWN: S.BETZ DESIGN: D.POWELL CHECKED: J.SANCHEZ
METER CONNECTION DIAGRAM (3φ, 4W, WYE)										DATE: 9-3-08 TA-XX
BLDG XX					APPROVED FOR RELEASE					
SUBMITTED					STANDARDS MANAGER: TOBIN ORUCH					
DISCIPLINE POC: DAVID POWELL					SHEET					
										1 OF 1
CLASSIFICATION: UNC			REVIEWER: MICHAEL LADACH			DATE: 8-14-08			REV	
PROJECT ID			DRAWING NO			CHAPTER 7			ST-D5010-3	
										0