



GENERAL NOTES

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

KEYED NOTES

- SELECT CURRENT TRANSFORMERS BASED ON CIRCUIT RATING (E.G. 400:5 CTS FOR A 400 AMP CIRCUIT).
- 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 LESS THAN OR EQUAL TO 800
AMPERES. REFER TO DRAWING ST-D5010-3
FOR LARGER SERVICES.

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).

METER CONNECTION DIAGRAM
SCALE: NONE

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 (3ø, 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: UNCL					REVIEWER: MICHAEL LADACH			DATE: 8-14-08		
PROJECT ID					DRAWING NO			REV		
CHAPTER 7					ST-D5010-5			0		