



- KEYED NOTES**
- ① SERVICE ENTRANCE CONDUIT(S)
 - ② CURRENT TRANSFORMER CABINET, 30"W X 36"H X 11"D WITH HINGED DOOR AND 3/4" PLYWOOD BACKBOARD.
 - ③ SERVICE ENTRANCE PANEL BOARD.
 - ④ CURRENT TRANSFORMERS AND POTENTIAL CIRCUIT FUSE BLOCKS INSIDE CABINET. REFER TO METER CONNECTION DIAGRAM.
 - ⑤ METER TEST SWITCHES RECESSED IN CURRENT TRANSFORMER CABINET DOOR. REFER TO METER CONNECTION DIAGRAM.
 - ⑥ METER CABINET 12"x12"x6"D WITH HINGED COVER.
 - ⑦ METER DISPLAY ON COVER OF METER CABINET. METER MODULE AND ACCESSORIES DIN RAIL MOUNTED INSIDE CABINET. REFER TO METER CONNECTION DIAGRAM.
 - ⑧ 3/4" CONDUIT FROM METER CABINET TO WITHIN 12" OF TELECOMMUNICATIONS OUTLET.
 - ⑨ TELECOMMUNICATIONS OUTLET IN ELECTRICAL ROOM.
 - ⑩ 3/4" CONDUIT FOR "KYZ" METERING PULSES TO BUILDING AUTOMATION SYSTEM.
 - ⑪ ENTER SERVICE ENTRANCE PANELBOARD AT LOCATION DETERMINED BY FIELD CONDITIONS.

DESIGNER:
USE THIS DIAGRAM FOR PROJECTS WHERE INSTRUMENT TRANSFORMERS WILL NOT BE INSTALLED IN THE SERVICE ENTRANCE EQUIPMENT. EDIT DIAGRAM TO BE PROJECT-SPECIFIC.

METER INSTALLATION DETAIL
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	
METER INSTALLATION DETAIL								DESIGN: D.POWELL	
BLDG XX								TA-XX	
SUBMITTED								DATE: 9-3-08	
DISCIPLINE POC: DAVID POWELL				APPROVED FOR RELEASE					
STANDARDS MANAGER: TOBIN ORUCH				SHEET					
								1 OF 1	
CLASSIFICATION: UNC		REVIEWER: MICHAEL LADACH		DATE: 8-14-08		PROJECT ID		REV	
CHAPTER 7		DRAWING NO		ST-D5010-4		PROJECT ID		0	