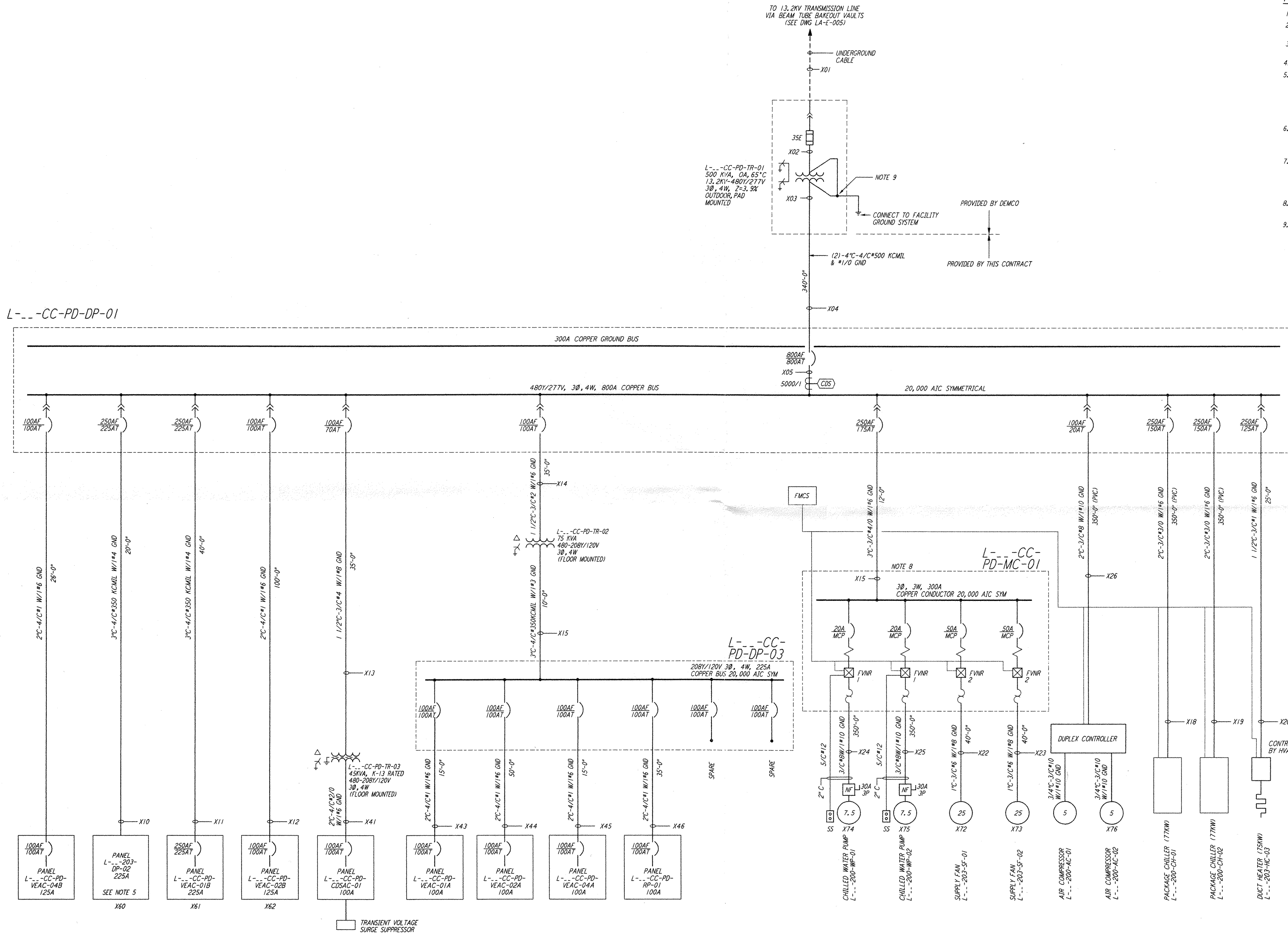


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NOTES:

- FOR LEGEND AND GENERAL NOTES SEE DWG LA-E-005.
- ALL CONDUCTORS ARE COPPER UNLESS OTHERWISE NOTED.
- ALL TRANSFORMER WINDINGS ARE ALUMINUM UNLESS OTHERWISE NOTED.
- NOT USED.
- PANEL DP-02 SHALL BE PROVIDED WITH REMOTE CONTROLLED CIRCUIT BREAKERS FOR ALL LIGHTING CIRCUITS (9 CIRCUITS). PROVIDE 3 SPARE SINGLE-POLE 20A REMOTE CONTROL CIRCUIT BREAKERS, REMOTE CONTROL TRANSCEIVER AND BREAKERS SHALL BE SQUARE D POWERLIGN OR APPROVAL EQUAL. TRANSCEIVER SHALL BE COMPATIBLE WITH THE FMCS IN SPECIFICATION SECTION 13001.
- ALL CIRCUIT BREAKERS SHALL BE PROVIDED WITH LOCKING/LOCKABLE ACCESSORIES TO ENSURE THAT CIRCUITS ARE ENERGIZED BY AUTHORIZED PERSONNEL ONLY.
- DISTRIBUTION AND LIGHTING PANELS SHALL BE FURNISHED WITH LOCKABLE DOORS. CIRCUIT BREAKERS SHALL BE PROVIDED WITH LOCKING/LOCKABLE ACCESSORIES TO ENSURE THAT CIRCUITS ARE ENERGIZED BY AUTHORIZED PERSONNEL ONLY.
- CUTLER HAMMER/ WESTINGHOUSE MULTI-PAK GROUP CONTROL TYPE MOTOR CONTROL CENTER.
- SEE DWG. LA-E-504 FOR TYPICAL TRANSFORMER GROUNDING DETAIL.



ANALYTIC STUDY NOTES:

- X12 REPRESENTS THE ANALYTIC NODE NUMBER, AND CORRESPONDS WITH THE ETAP VERSION 7.301 ANALYTIC STUDY.

NODE NUMBERING SCHEDULE		
BUILDING	DESTINATOR	X
END, ARM A	EA	4
END, ARM B	EB	6

REPLACE X WITH THE NUMBER AT RIGHT TO IDENTIFY THE SPECIFIC NODE IN A SPECIFIC BUILDING.

LIGO-D961001-02-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	8-7-98	JE	AK	AK	WJW	ISSUED FOR AS-BUILT
1	2-28-97	J.G.	B.K.	KCR	TDM	GENERAL REVISIONS

ISSUED FOR CONSTRUCTION	
DRAWN	M. M. 11-15-96
CHECKED	J. C. L. 7-24-96
ENGINEER	K. C. P. 10-25-96
PROJ	T. D. M. 11-15-96

**AS-BUILT DRAWINGS**

**PARSONS**  
100 WEST WALNUT STREET  
PASADENA, CALIFORNIA

**LIGO**  
CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER  
GRAVITATIONAL-WAVE OBSERVATORY  
SITE NO. 2 - LIVINGSTON, LOUISIANA

TITLE: ELECTRICAL STATION  
TYPICAL END STATION  
SINGLE LINE DIAGRAM

SCALE: NONE  
CONTROLLER NUMBER: PPI50969  
PROJECT NUMBER: 8094

SHEET NUMBER: **LA-E-008**