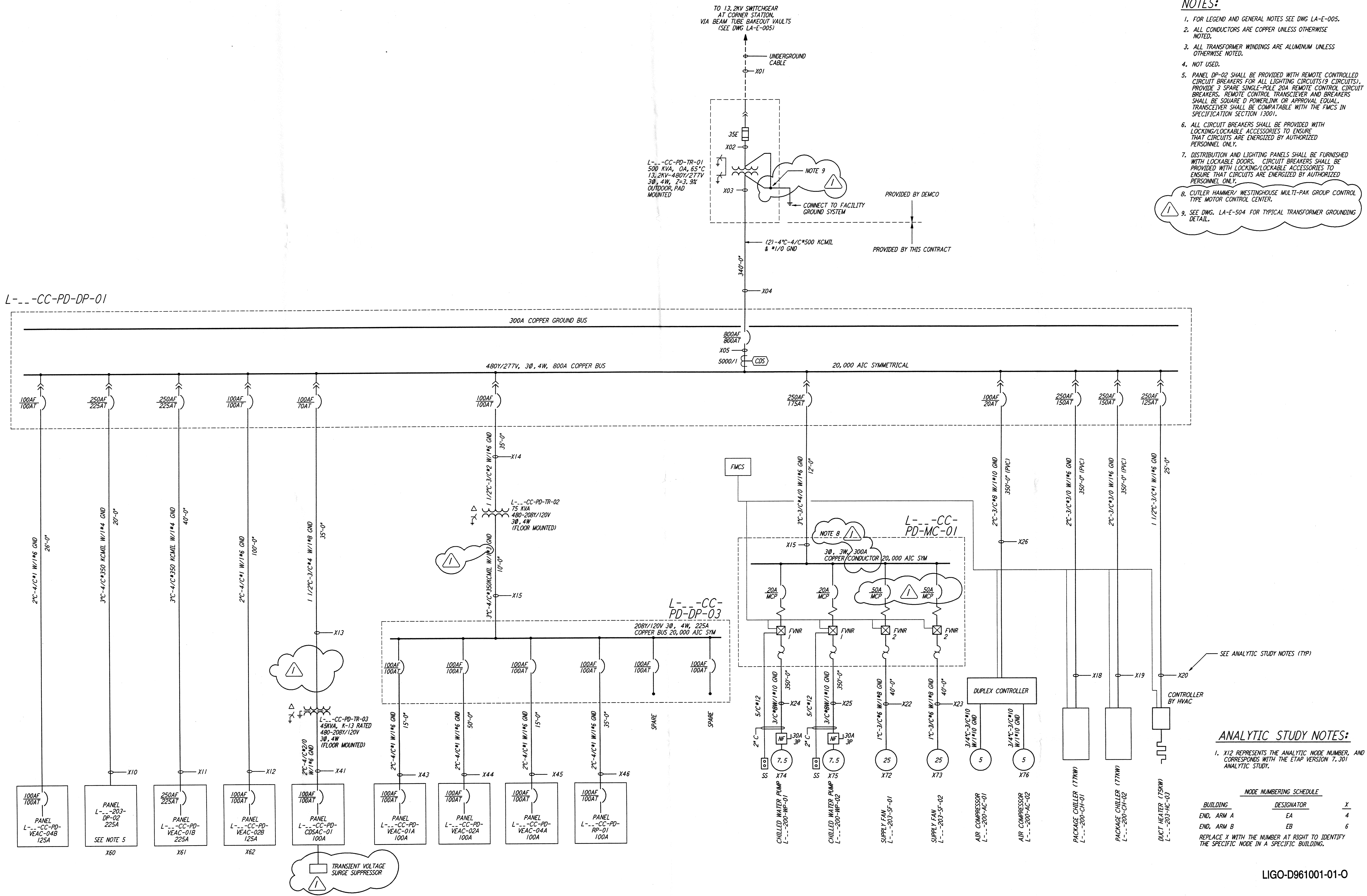


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- NOTES:**
- FOR LEGEND AND GENERAL NOTES SEE DWG LA-E-005.
 - ALL CONDUCTORS ARE COPPER UNLESS OTHERWISE NOTED.
 - ALL TRANSFORMER WINDINGS ARE ALUMINUM UNLESS OTHERWISE NOTED.
 - NOT USED.
 - PANEL DP-02 SHALL BE PROVIDED WITH REMOTE CONTROLLED CIRCUIT 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 POWERLINK 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

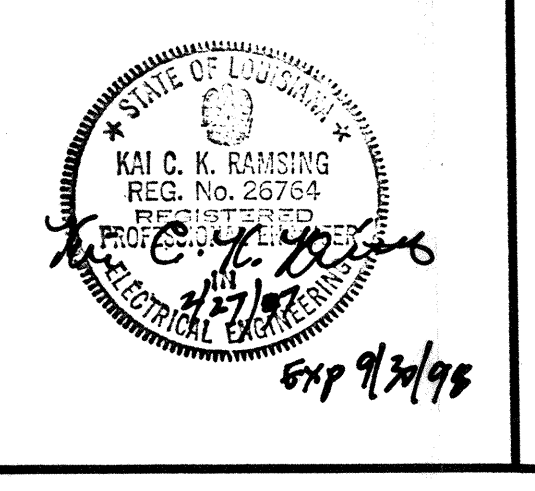
BUILDING	DESIGNATOR	X
END, ARM A	EA	4
END, ARM B	EB	6

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

LIGO-D961001-01-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	2-28-97	J. G.				GENERAL REVISIONS

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



PARSONS

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PASADENA, CALIFORNIA

LIGO

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL TYPICAL END STATION SINGLE LINE DIAGRAM	NONE	PP150969	8094
SHEET NUMBER	LA-E-008		REVISIONS