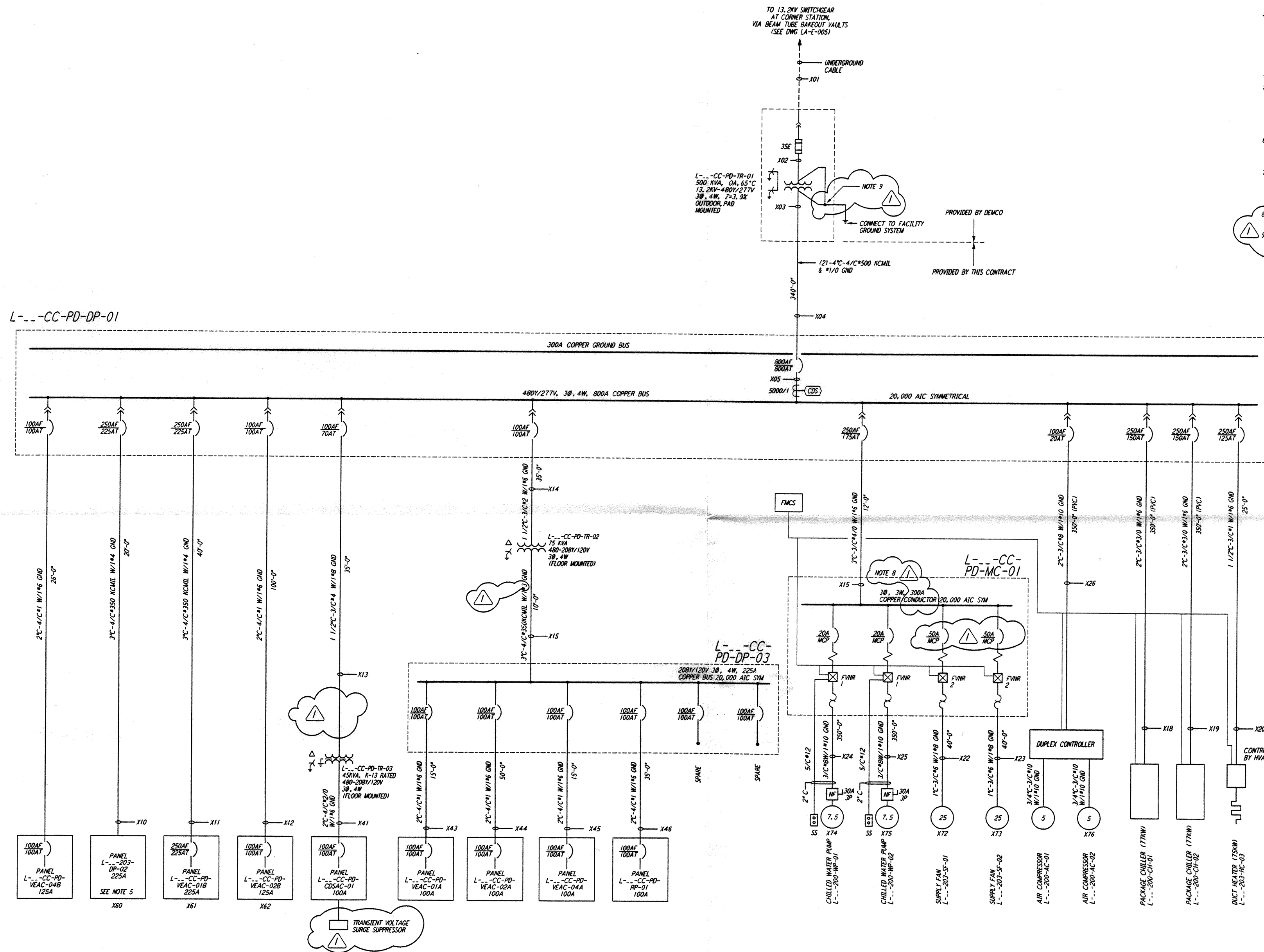


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NOTES:

- 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 POWERLINC 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.

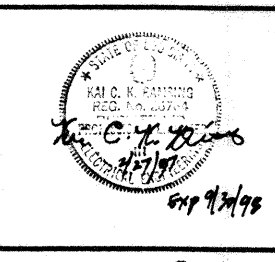
NODE NUMBERING SCHEDULE		
BUILDING	DESIGNATOR	X
END, ARM A	EA	4
END, ARM B	EB	4
END, ARM C	EC	6

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

LIGO-D961001-010

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

ISSUED FOR CONSTRUCTION		
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
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

ELECTRICAL
TYPICAL END STATION
SINGLE LINE DIAGRAM

SCALE: NONE CONTRACT NUMBER: PP150969 PROJECT NUMBER: 8094
SHEET NUMBER: LA-E-008