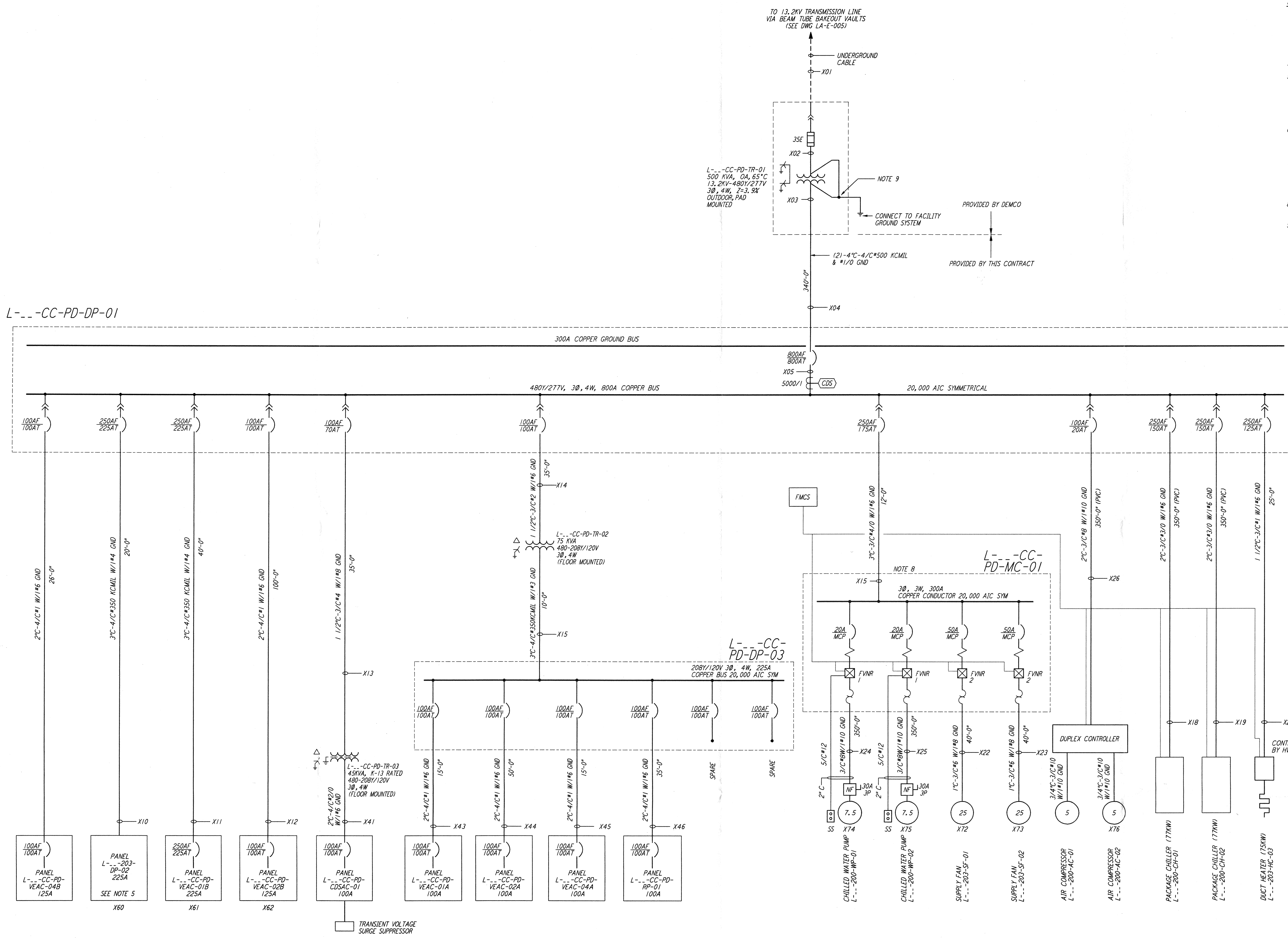


- NOTES:**
- FOR LEGEND AND GENERAL NOTES SEE DWG LA-E-005.
  - ALL CONDUCTORS ARE COPPER UNLESS OTHERWISE NOTED.
  - ALL TRANSFORMER WINDINGS ARE ALUMINUM UNLESS OTHERWISE NOTED.
  - NOT USED.
  - PANEL DP-02 SHALL BE PROVIDED WITH REMOTE CONTROLLED CIRCUIT BREAKERS FOR ALL LIGHTING CIRCUITS (9 CIRCUITS). 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.

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

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

**AS-BUILT DRAWINGS**



**LIGO-D961001-02-0**

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL TYPICAL END STATION SINGLE LINE DIAGRAM	NONE	PPI50969	8094
SHEET NUMBER		REVISIONS	
LA-E-008		2	