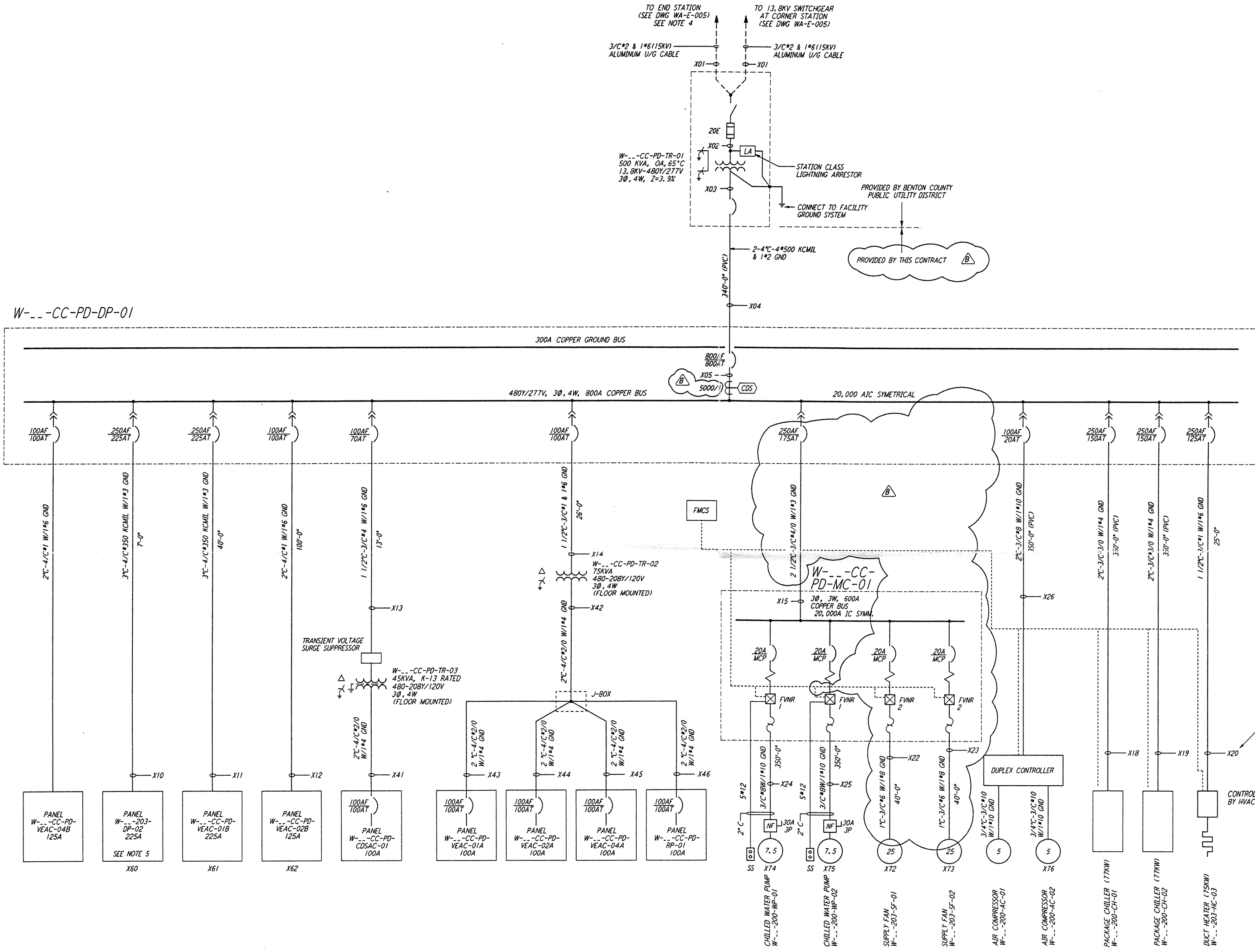


NOTES:

- 1. FOR LEGEND AND GENERAL NOTES SEE DWG WA-E-005.
- 2. ALL CONDUCTORS ARE COPPER UNLESS OTHERWISE NOTED.
- 3. ALL TRANSFORMER WINDINGS ARE ALUMINUM UNLESS OTHERWISE NOTED.
- 4. 13.8KV CABLES ARE SHOWN FOR TYPICAL MID STATION. THE END STATION IS SIMILAR EXCEPT, A SINGLE CABLE CONNECTS TO TRANSFORMER PRIMARY.
- 5. 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 TRANSMITTER AND BREAKERS SHALL BE SQUARE D POWER LOK OR APPROVAL EQUAL. TRANSMITTER SHALL BE COMPATIBLE WITH THE TYPES IN SPECIFICATION SECTION 13000.
- 6. ALL CIRCUIT BREAKERS SHALL BE PROVIDED WITH LOCKING/LOCKABLE ACCESSORIES TO ENSURE THAT CIRCUITS ARE ENERGIZED BY AUTHORIZED PERSONNEL ONLY.
- 7. 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.

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ANALYTIC STUDY NOTES:

- 1. X12 REPRESENTS THE ANALYTIC NODE NUMBER, AND CORRESPONDS WITH THE ETAP VERSION T.301 ANALYTIC STUDY.

NODE NUMBERING SCHEDULE

BUILDING	DESIGNATOR	X
MID, ARM A	MA	3
END, ARM A	EA	4
MID, ARM B	MB	5
END, ARM B	EB	6

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

LIGO-D960393-B-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
B	5-22-96	RAF	JY	YK	TDM	BID ADDENDUM #2
A	4-19-96				TDM	FINAL DESIGN REVIEW & BID

DRAWN	J. G.
CHECKED	
ENGINEER	
PROJ	

**PARSONS**  
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PASADENA, CALIFORNIA

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

LASER INTERFEROMETER  
GRAVITATIONAL-WAVE OBSERVATORY  
SITE NO. 1 - HANFORD, WASHINGTON

ELECTRICAL  
TYPICAL END OR MID STATION  
SINGLE LINE DIAGRAM

NONE PPI50969 8094  
**WA-E-008**