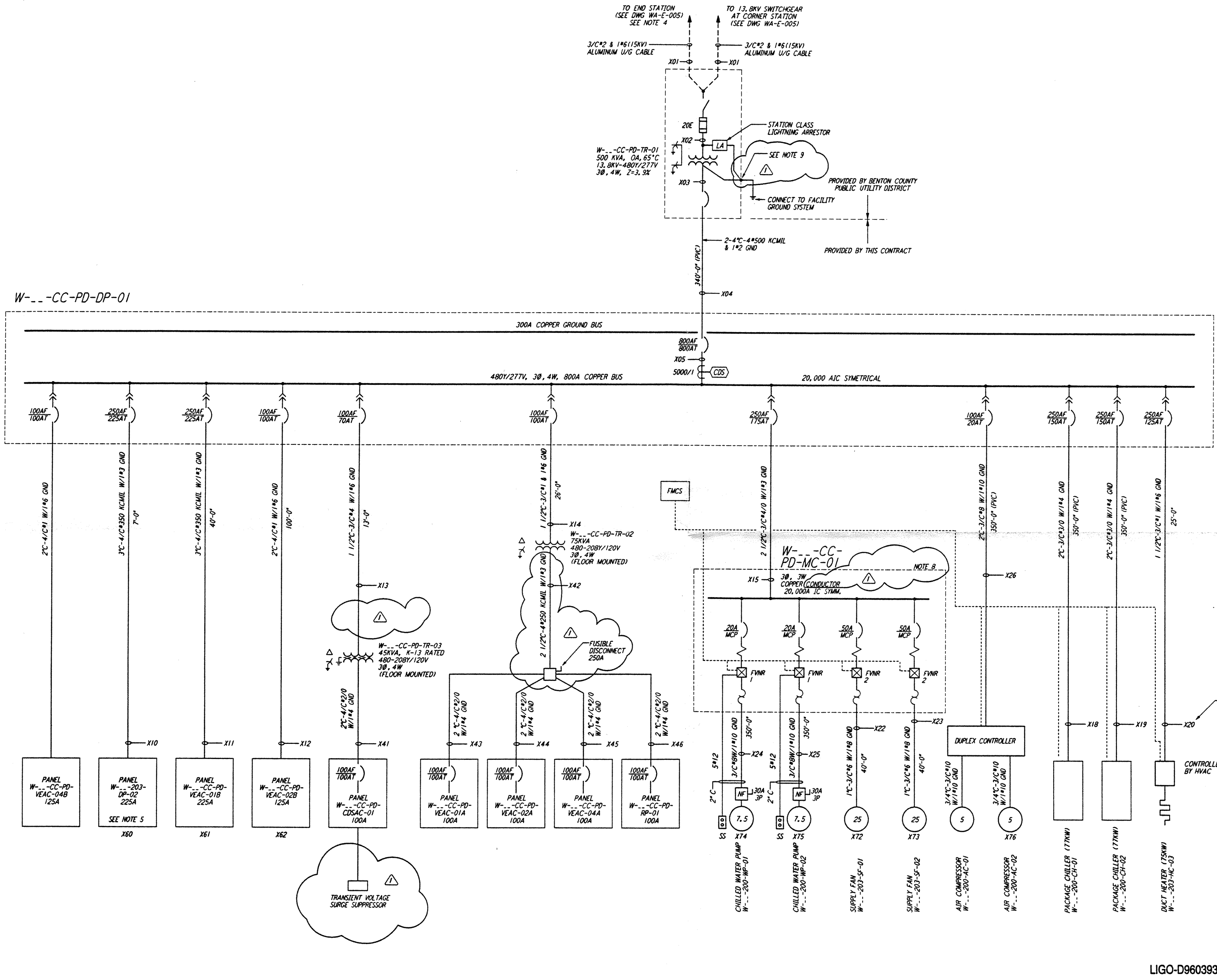


NOTES:

- FOR LEGEND AND GENERAL NOTES SEE DWG WA-E-005.
- ALL CONDUCTORS ARE COPPER UNLESS OTHERWISE NOTED.
- ALL TRANSFORMER WINDINGS ARE ALUMINUM UNLESS OTHERWISE NOTED.
- 13.8KV CABLES ARE SHOWN FOR TYPICAL MID STATION. THE END STATION IS SIMILAR EXCEPT, A SINGLE CABLE CONNECTS TO TRANSFORMER PRIMARY.
- 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 FMS IN SPECIFICATION SECTION 13000.
- 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. WA-E-504 FOR TYPICAL TRANSFORMER GROUNDING DETAIL.



ANALYTIC STUDY NOTES:

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

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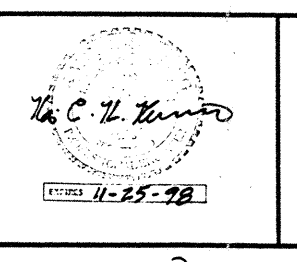
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REF: 04 1003562 (17) 53 12086 - JANTU10 UNRESIST DRCK/LEMBRHPHT

REVISIONS				
NO.	DATE	BY	CHKD	ENGR
1	3-21-97	J. G.		

GENERAL REVISIONS				
NO.	DATE	BY	CHKD	ENGR

ISSUED FOR CONSTRUCTION	M. M.	6-25-96
DRAWN	J. K.	7-3-96
CHECKED	K. R.	7-3-96
ENGINEER	T. D. M.	7-8-96
PROJ		



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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL TYPICAL END OR MID STATION SINGLE LINE DIAGRAM	AS NOTED	PP150969	8094
SHEET NUMBER		REVISIONS	
WA-E-008			