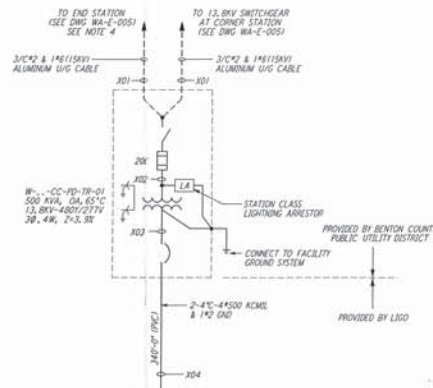
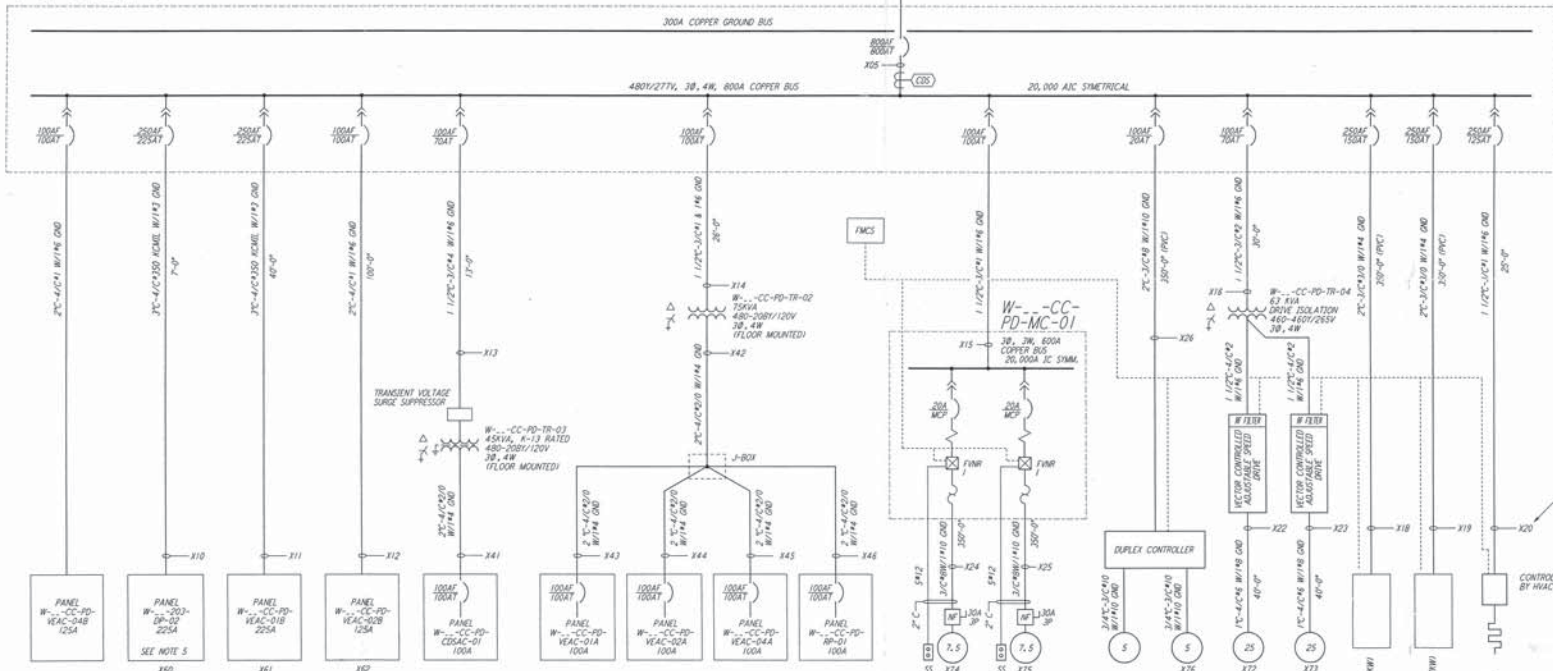


NOTES:

1. FOR LEGEND AND GENERAL NOTES SEE DWG WA-E-005.
2. ALL CONDUCTORS ARE COVER UNLESS OTHERWISE NOTED.
3. ALL TRANSFORMER WINDINGS ARE ALUMINUM UNLESS OTHERWISE NOTED.
4. 13.8 CABLES ARE SHOWN FOR TYPICAL MID STATION. THE END STATION IS SIMILAR EXCEPT, A SINGLE CABLE CONNECTS TO TRANSFORMER PRIMARY.
5. PANEL 1P-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 TRANSFERRER AND BREAKERS SHALL BE SQUARE D POWERLINE OR APPROVAL EQUAL. TRANSFERRER SHALL BE COMPLIABLE WITH THE FMCS IN SPECIFICATION SECTION 13000.



W---CC-PD-DP-01



Date/Revision	1.00	12/06/98	1.00
Author	J.P.	12/06/98	1.00
Check	J.P.	12/06/98	1.00
Drawn	J.P.	12/06/98	1.00
Scale	1:1	12/06/98	1.00
Sheet	1	12/06/98	1.00
Part Number	1.00	12/06/98	1.00
Rev	1	12/06/98	1.00

ANALYTIC STUDY NOTES:

1. X12 REPRESENTS THE ANALYTIC NODE NUMBER, AND CORRESPONDS WITH THE ETAP VERSION 3-301 ANALYTIC STUDY.

NODE NUMBERING SCHEDULE

BUILDINGS	DESIGNATOR	X
MID, ARM A	MA	2
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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REV	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	1	4-19-98	J.P.	J.P.			FINAL DESIGN REVIEW & BID

DESIGNED	J.G.
CHECKED	
ENGINEER	
PROJ	

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 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

WA-E-008