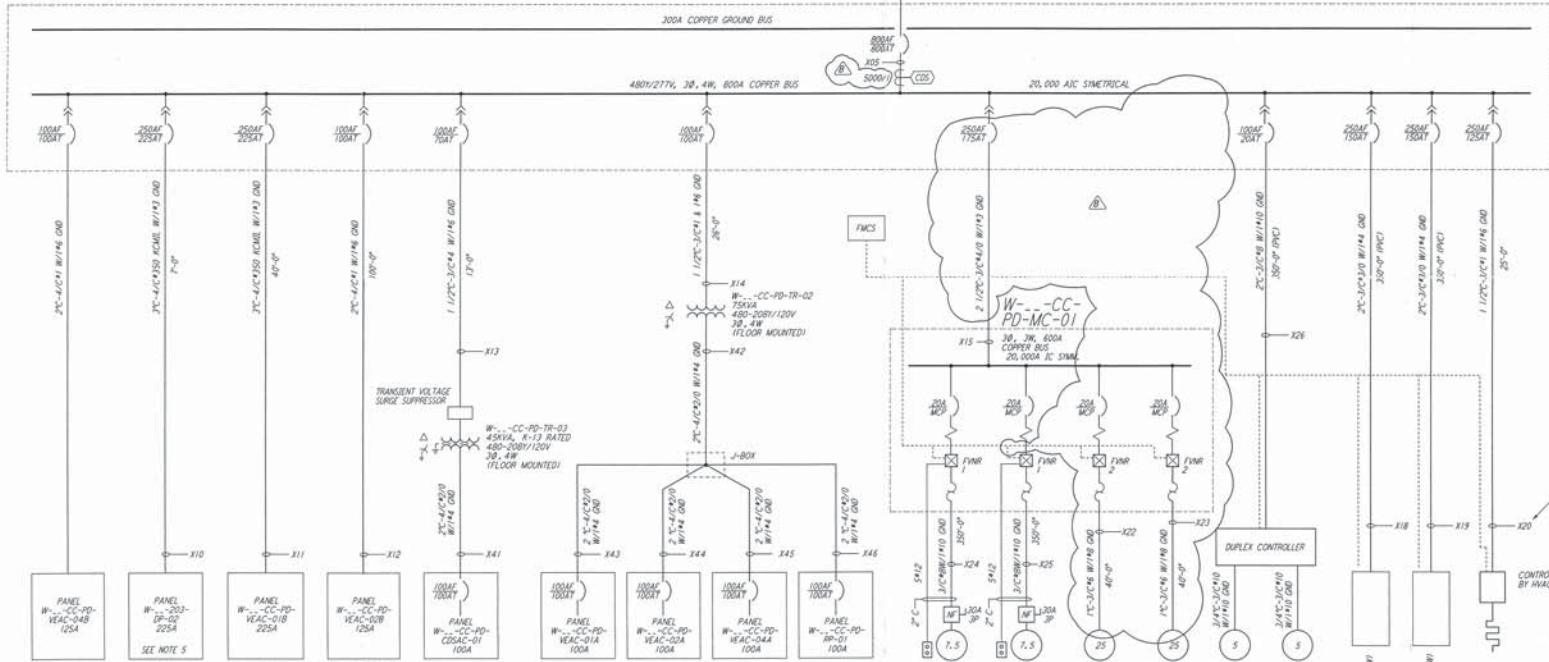


NOTES:

- 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.
- 12,000V 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 SUPPLIED BY PARSONS OR APPROVAL SOURCE. TRANSCEIVER SHALL BE COMPATIBLE WITH THE FRCS BY 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.

W--CC-PD-DP-01



ANALYTIC STUDY NOTES:

- X12 REPRESENTS THE ANALYTIC NODE NUMBER AND CORRESPONDS WITH THE ETAP VERSION 1.301 ANALYTIC STUDY.

NODE NUMBERING SCHEDULE

BUILDING	DESIGNATOR	X
MED. ARM A	MA	1
END. ARM A	EA	4
MED. 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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NO.	DATE	BY	CHKD	ENGR	PRJG	DESCRIPTION
B	5-22-98	SAF	TPP	YEA	SDM	BID ADDENDUM #2
A	4-19-98				TDM	FINAL DESIGN REVIEW & BID

DESIGNED	J. G.
CHECKED	
ENGINEER	
PROJ	

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LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE	NONE	REVISION NUMBER	8094
DATE		PROJECT NUMBER	PP150969

ELECTRICAL
 TYPICAL END OR MID STATION
 SINGLE LINE DIAGRAM

WA-E-008

LIGOW-0969293-B-0