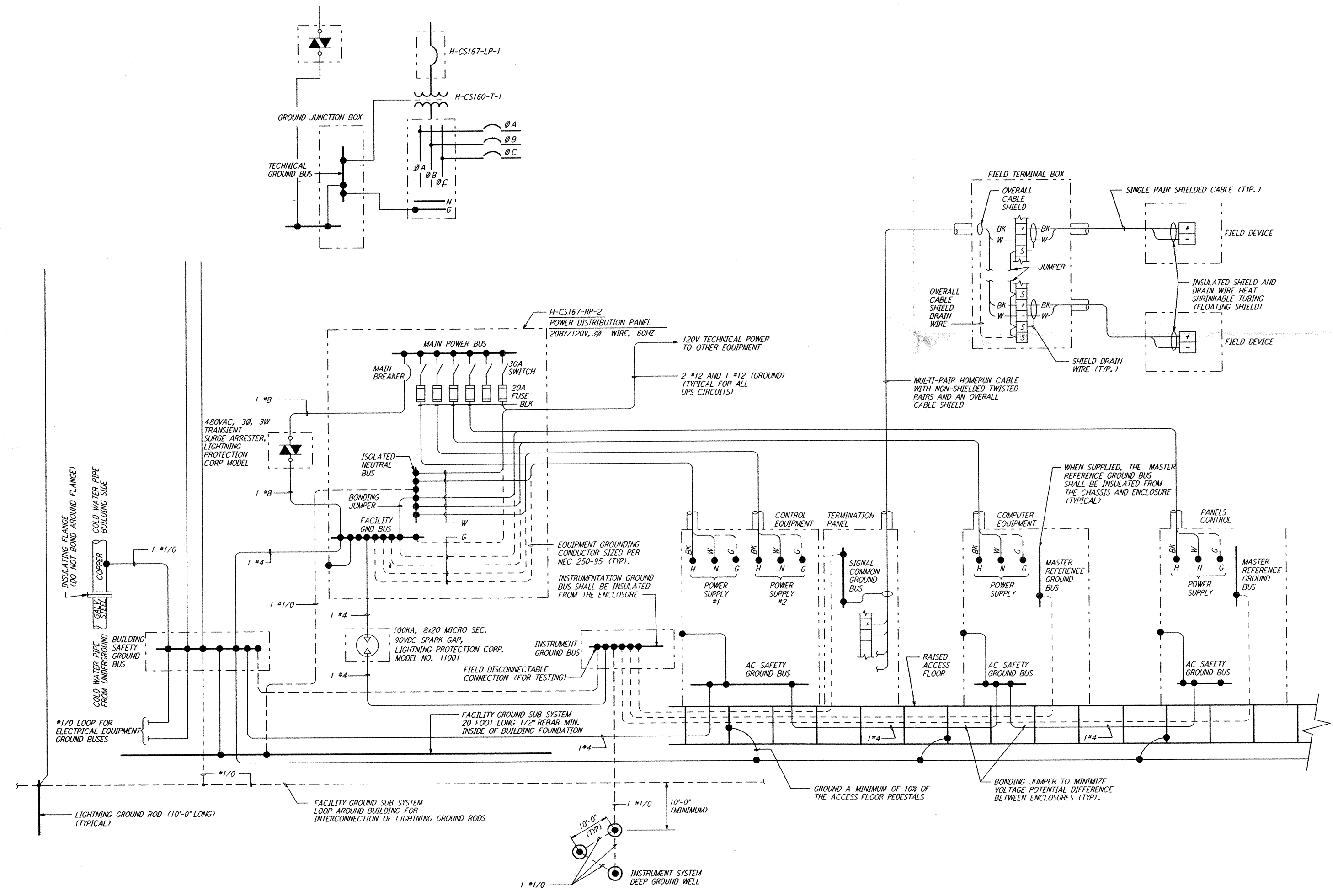


- NOTES:**
1. ALL SURFACES TO WHICH CONNECTIONS ARE TO BE MADE, SHALL BE FREE OF PAINT, RUST, CORROSION ETC.
 2. ALL GROUNDING INDICATED ON THIS DWG. IS FOR THE SOLE PURPOSE OF ESTABLISHING A HIGH QUALITY SINGLE POINT, SINGLE GROUND GRID SYSTEM. SHALL NOT BE CONSIDERED AS THE EQUIPMENT SAFETY GROUND, GROUNDING ELECTRODES, EQUIPMENT GROUNDING CONDUCTORS, EQUIPMENT SAFETY GROUNDING, AND SIGNAL GROUNDING SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE ARTICLE 250 AND FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATION 94 "GUIDELINE ON ELECTRICAL POWER FOR AUTOMATIC DATA PROCESSING INSTALLATIONS".
 3. ALL POWER CIRCUITS ARE IN METALLIC CONDUIT EFFECTIVELY GROUND TO EQUIPMENT UNLESS OTHERWISE NOTED. GROUNDING CONDUCTORS SHALL BE RUN IN NON-MAGNETIC (PVC) CONDUIT WHEN MECHANICAL PROTECTION IS REQUIRED.

- LEGEND:**
- REPRESENTS GROUNDING ELECTRODE CONDUCTOR
 - REPRESENTS SAFETY GROUNDING AND POWER
 - REPRESENTS SIGNAL AND NATIONAL ELECTRICAL CODE EQUIPMENT GROUNDING CONDUCTOR
 - EQUIPMENT OUTLINE



LIGO-D961039-A-0

NO.	DATE	APRD BY	DESCRIPTION OF REVISION

NO.	DATE	APRD BY	ISSUED FOR

DATE	10-31-95
DRAWN	J.G.
CHECKED	
ENGINEER	
PROJ MGR	

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL CORNER STATION GROUNDING SCHEMATIC	NONE	PP150969	8094
SHEET NUMBER	LA-E-402		REVISED

not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will

Mon Oct 30 23:57:24 1995 s3-v18b2 J:\PLOTS\QUEUES\18B2\EE402.PRF