

# BigCal Gain Monitoring

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JLab

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# Gain-Monitoring Plate

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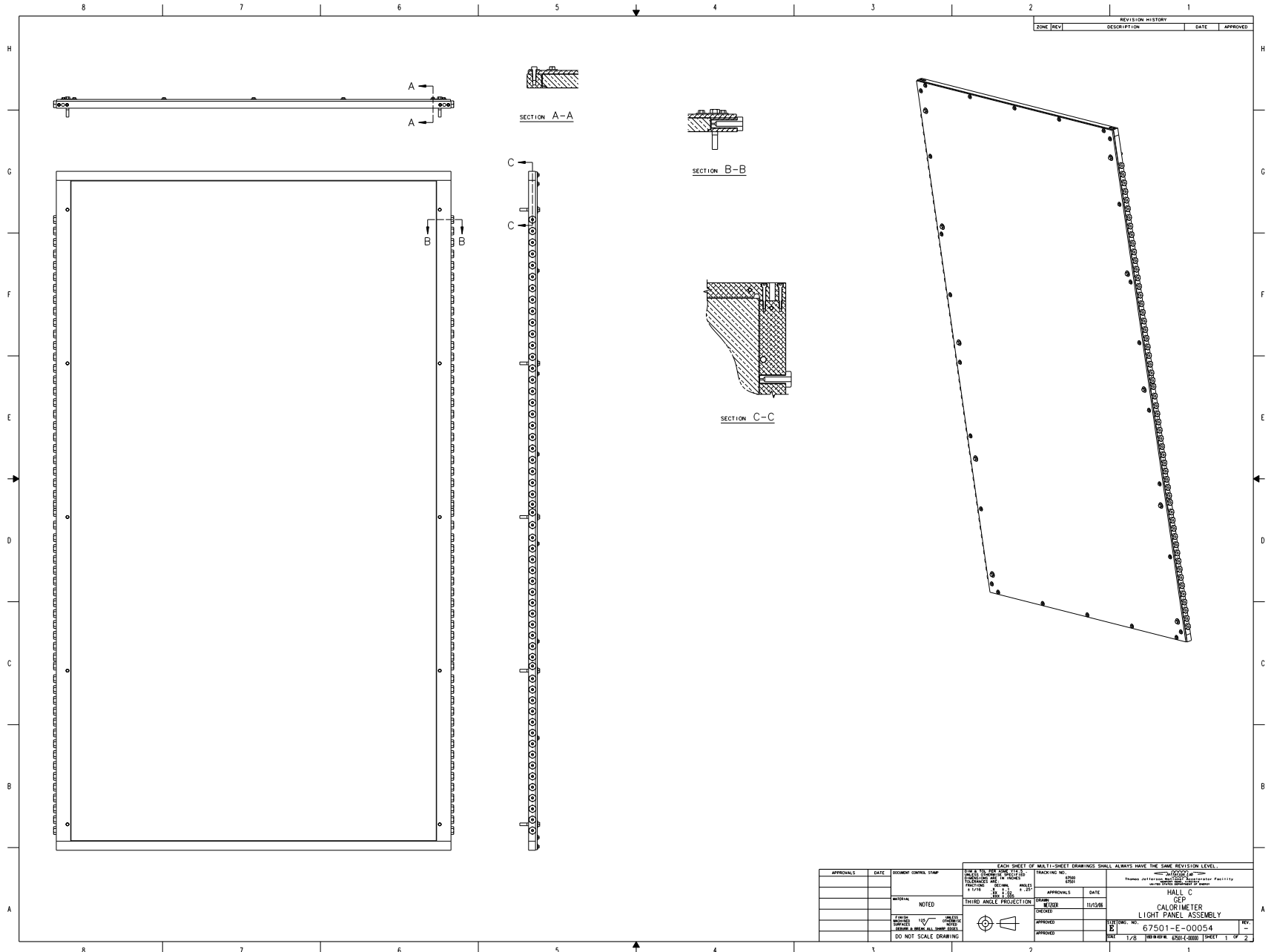
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- 1 inch thick  $140 \times 239 \text{ cm}^2$  clear Acrylite FF, Mark Jones/Cyro Industries
- Aluminum light-tight housing design, Bert Metzger/JLab
- Light (LED/laser) distributed via 56 optical fibers coupled to a long side of the box



REVISION HISTORY			
ZONE	REV	DESCRIPTION	DATE

APPROVALS	DATE	DOCUMENT CONTROL STAMP	ISSUED BY	ISSUE NO.	ISSUE DATE	ISSUE DESCRIPTION

APPROVALS			DATE	DESCRIPTION

GENERAL		

THIRD ANGLE PROJECTION		

REVISION HISTORY		

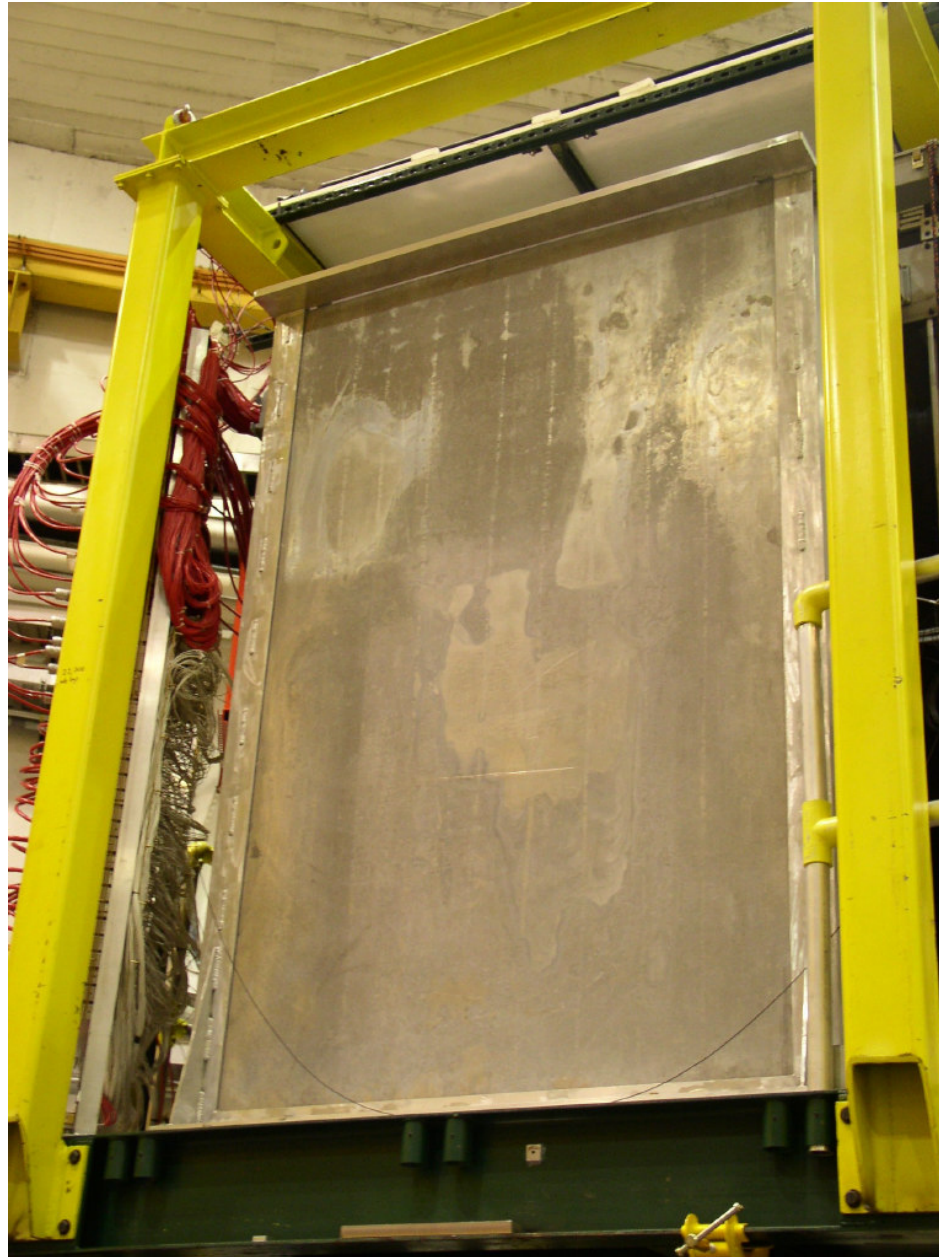
  

NO.	DATE	DESCRIPTION

PROJECT INFORMATION	
PROJECT NO.	67501-E-0054
SCALE	1/8" = 1'-0"
TITLE	CELL CALORIMETER LIGHT PANEL ASSEMBLY
DESIGNER	
DRAWN BY	
CHECKED BY	
DATE	

# Plexiglas Monitoring Plate

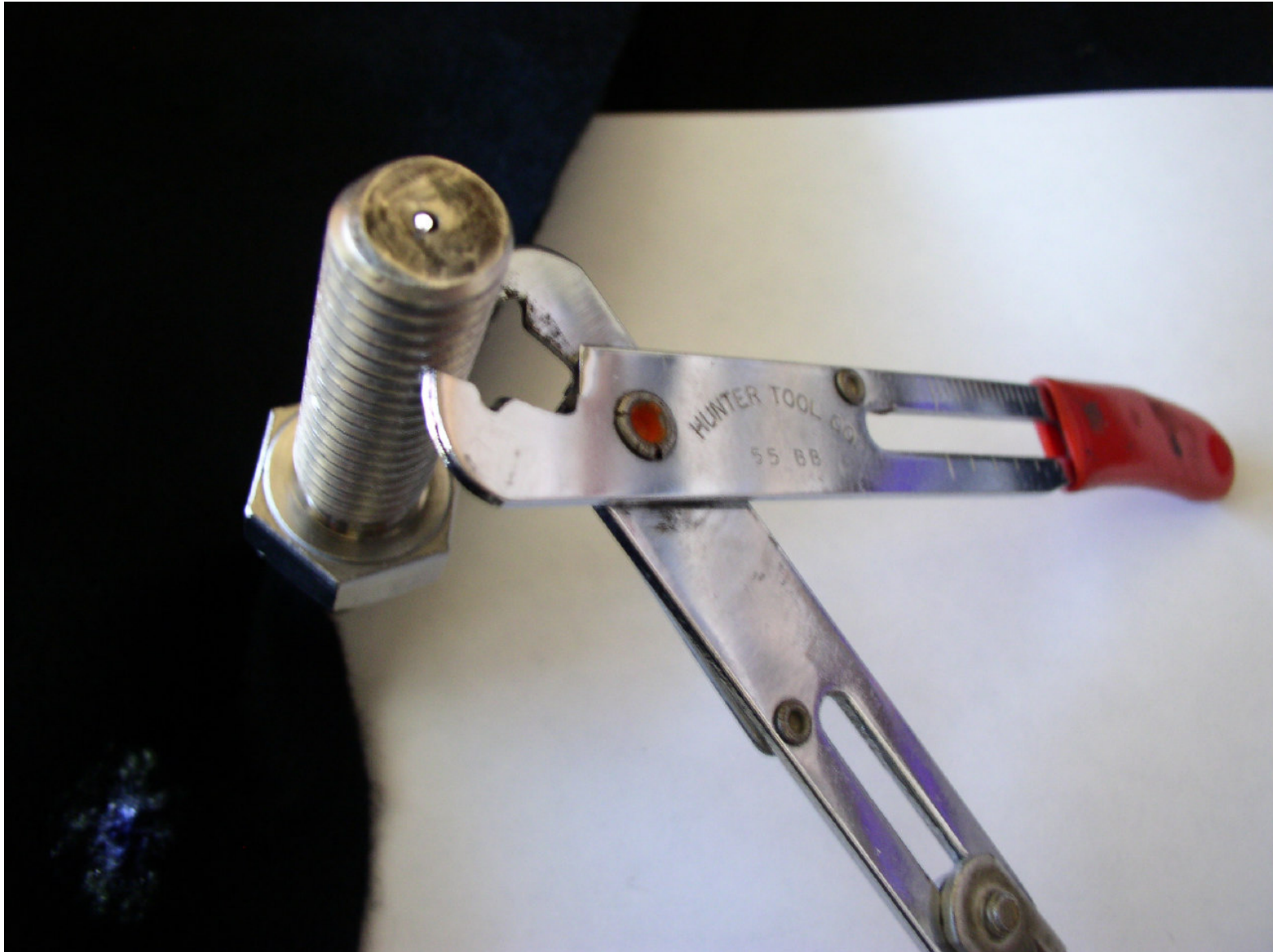


# Optical Fiber Connectors





# LED Light Drivers



# To-Do-List

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- Polish or cut fiber ends with a cleaver

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- Cross-calibrate the plate response via cosmic muons or physics process