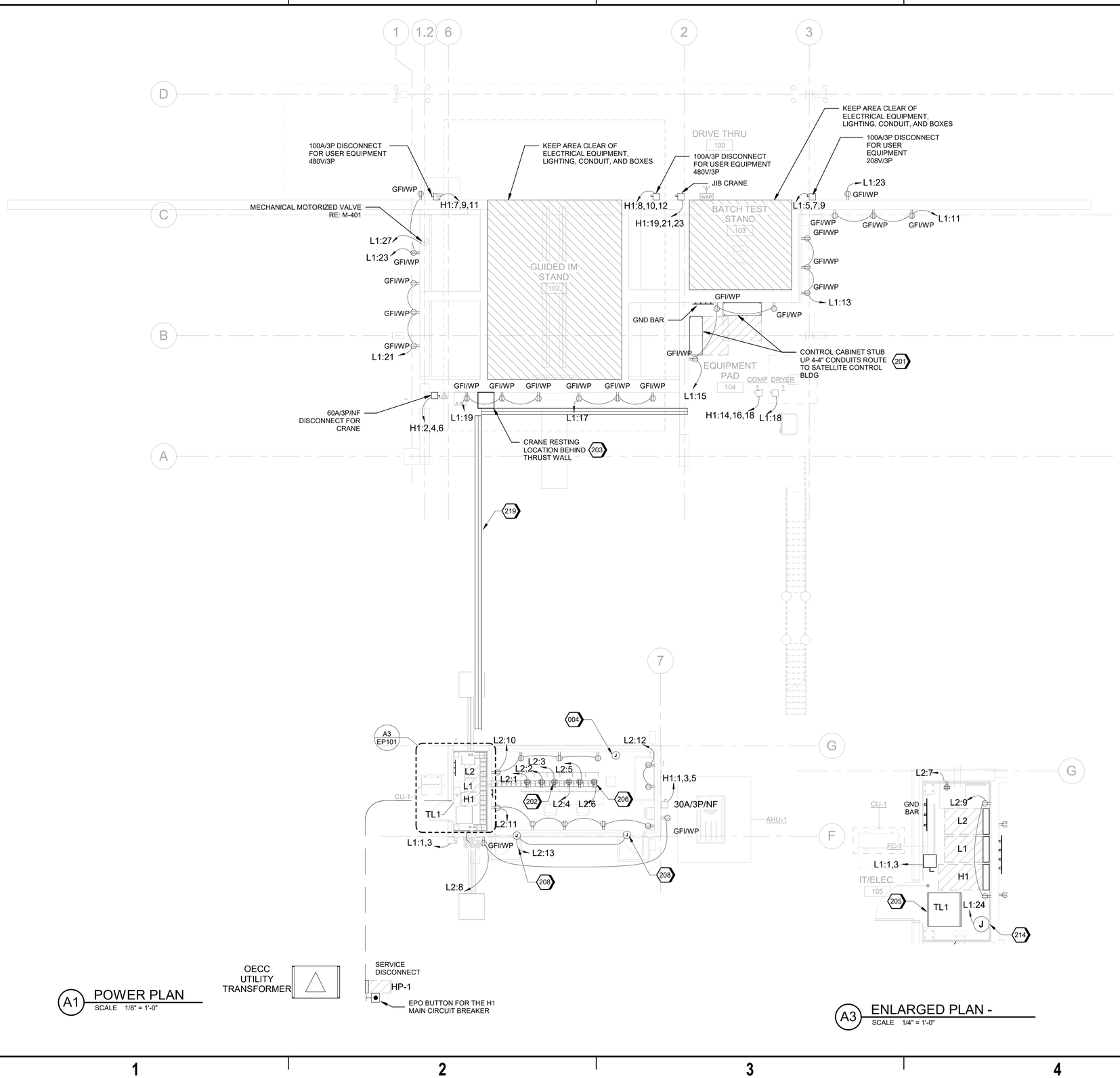

GENERAL SHEET NOTES

A REFER TO SHEET E-001 FOR GENERAL NOTES AND SYMBOL LEGEND.

B AREA WITHIN THE TEST BAYS ARE TO BE CLEAR OF ELECTRICAL CONDUIT, BOXES, AND DEVICES.

C COORDINATE MOUNTING HEIGHT OF EQUIPMENT AND DEVICES PRIOR TO ROUGH-IN.

D PROVIDE EQUIPMENT AT TEST STAND AS WEATHER NEMA 3R RATED AND CONDUIT AS RGS ABOVE GRADE.

E PROVIDE PANEL NAMES WITH BUILDING NAME AS PREFIX. EX. TEST STAND-H1.

#SHEET KEYNOTES

004 PROVIDE POWER AND CONTROLS FOR LIFT GATE ACCORDING TO MANUFACTURER REQUIREMENTS. COORDINATE GATE CIRCUIT BREAKER, DISCONNECT, AND CONDUCTOR SIZE REQUIREMENTS WITH GATE MANUFACTURER.

201 COORDINATE 4-INCH GRS CONDUIT INTO USER PROVIDED CONTROL CABINETS. ROUTE CONDUITS ABOVE GRADE ON GALVANIZED STEEL SUPPORT TRAY COORDINATED WITH STRUCTURAL SUPPORTS. COORDINATE PENETRATION LOCATIONS INTO CONTROL BUILDING WITH ADJACENT UTILITIES.

202 COORDINATE RECEPTACLE AND UPS MOUNTING AT BOTTOM RACK. PROVIDE APC SMART UPS 1500W.

203 COORDINATE CRANE REQUIREMENTS INCLUDING THE CRANE RESTING LOCATION AND DISCONNECT LOCATION.

205 PROVIDE TRANSFORMER SUSPENDED FROM STRUCTURE WITH STRUCTURAL BRACING AND VIBRATION ISOLATORS.

206 MOUNT RECEPTACLES ON STEEL CHANNEL SUPPORT AT FLOOR. COORDINATE WITH CONTROL PANEL MONITOR WALL.

208 PROVIDE CIRCUIT FOR ELECTRONIC DOOR LOCKS. COORDINATE REQUIREMENTS AND CONNECTION LOCATION WITH DOOR HARDWARE AND SECURITY DRAWINGS.

214 PROVIDE 120VAC/20A HARDWIRED CIRCUIT IN 4X4X2-1/8 SCREW COVER BOX AT 18"AFF TO SECURITY/ACCESS CONTROL PANEL ACCORDING TO PANEL MANUFACTURER AND INSTALLER REQUIREMENTS. COORDINATE REQUIREMENTS WITH SECURITY DRAWINGS AND INSTALLER.

219 PROVIDE A 4"H X 30"W X 9" RUNG SPACING ALUMINUM CABLE TRAY FOR MECHANICAL COMPRESSED AIR PIPING SUPPORT, TELECOMMUNICATION CABLING SUPPORT, DATA CONDUIT SUPPORT, AND ELECTRICAL CONDUIT SUPPORT. PROVIDE CABLE TRAY WITH GALVANIZED STEEL STRUCTURAL SUPPORT ON CONCRETE PIERS. REFER TO STRUCTURAL DRAWINGS FOR SUPPORTS.

GRAPHIC SCALE(S)

0 4' 8' 16' 24'
1/8" = 1'-0"

PLAN NORTH
TRUE N

NO	DATE	DSGN
0	09/18/2024	AM

100% ISSUED FOR CONSTRUCTION - EXPANSION

DR	CHK	APVD
AM	GN	KH

BY	APVD
AM	TM

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License Type: Engineering
License No.:
Date: 9/27/2024

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12803
RANDALL C. WILKER
09-18-2024
SEAL

Jacobs NABHOLZ

Test Stand and SAT Building
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

ELECTRICAL POWER PLAN

SHEET NO
EP101

SCALE	As indicated
DATE	09/18/2024
PROJ	D3754502
DWG	CMDN-OSD_Test Stand and SAT Building_EP101

PLOT DATE/TIME: 9/16/2024 9:41:50 AM

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