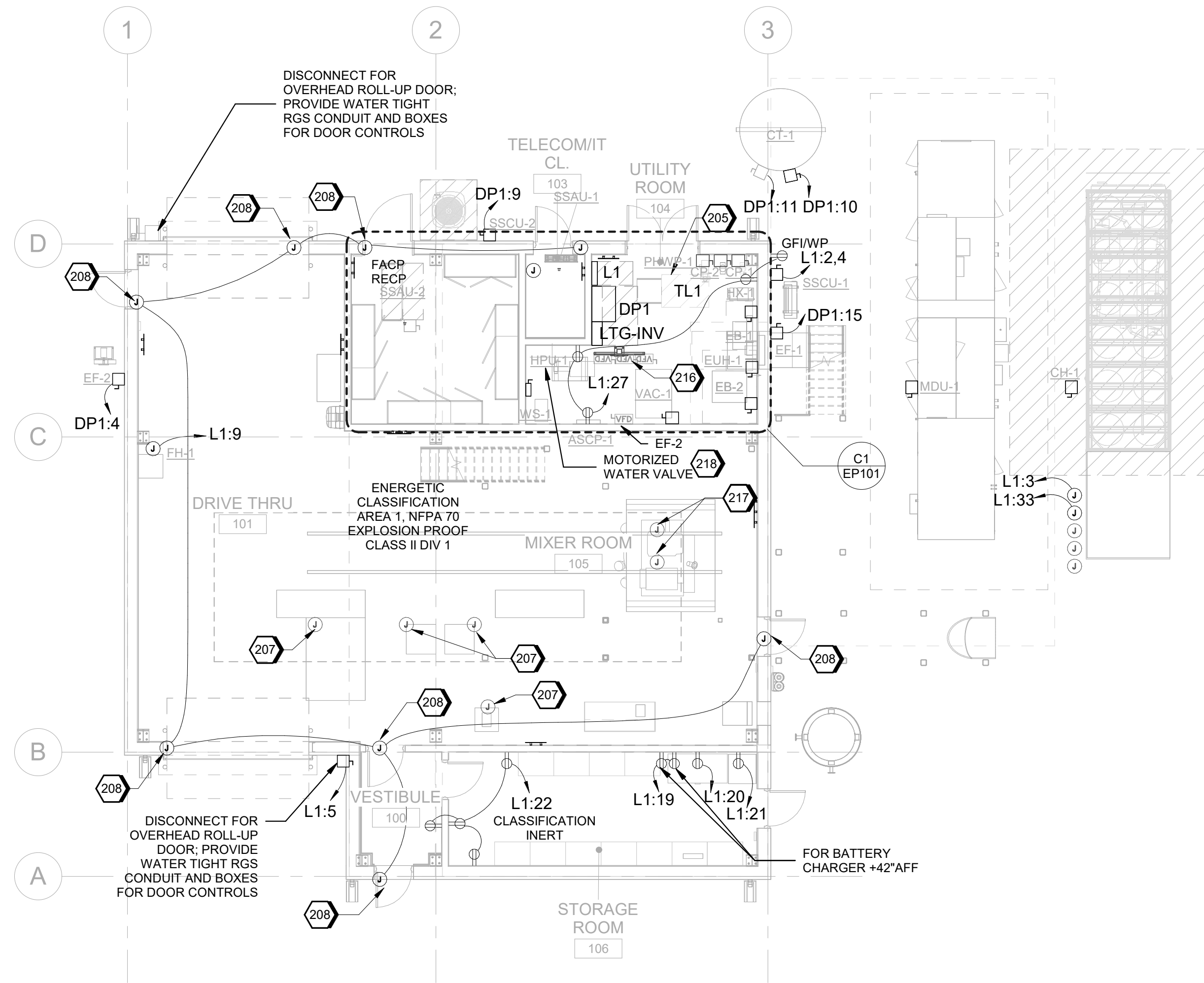
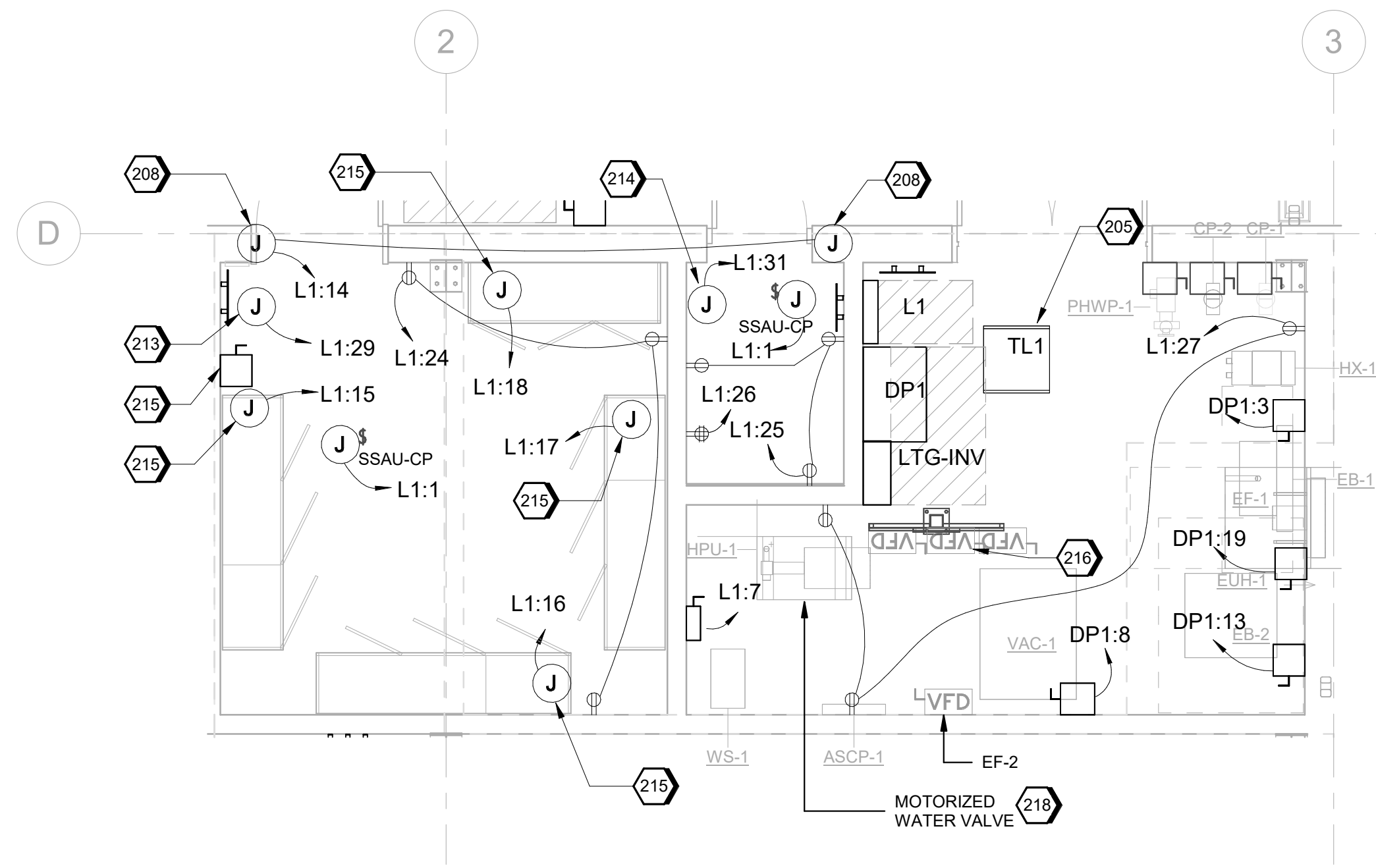


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EP101
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C1 ENLARGED POWER PLAN
SCALE 1/4" = 1'-0"

A1 POWER PLAN
SCALE 1/8" = 1'-0"



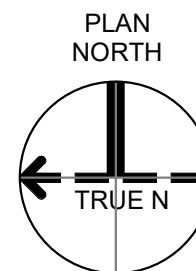
GENERAL SHEET NOTES

- A PROVIDE CIRCUIT CONNECTIONS TO THE MIXER ROOM EQUIPMENT AND CONTROL SYSTEMS ACCORDING TO THE SYSTEM PROCESS REQUIREMENTS. PROVIDE CONTROL FROM CONTROL ROOM BUILDING INCLUDING VALVE CONTROL. PROVIDE CABLING AND PATHWAYS AS REQUIRED.
- B PROVIDE 18-INCH STAINLESS STEEL FLEX CONDUIT TO MIXER ROOM FLOOR AS REQUIRED FOR MIXER ROOM PROCESSES.
- C REFER TO CIVIL SITE PLAN FOR SERVICE TRANSFORMER AND UNDERGROUND SERVICE DUCTBANK.

#)SHEET KEYNOTES

- 205 PROVIDE TRANSFORMER SUSPENDED FROM STRUCTURE WITH STRUCTURAL BRACING AND VIBRATION ISOLATORS.
- 207 PROVIDE CONDUIT AND BOXES FOR SCALES ACCORDING TO MANUFACTURER REQUIREMENTS. COORDINATE WITH SCALE MANUFACTURER INSTALLER.
- 208 PROVIDE CIRCUIT FOR ELECTRONIC DOOR LOCKS. COORDINATE REQUIREMENTS AND CONNECTION LOCATION WITH DOOR HARDWARE AND SECURITY DRAWINGS.
- 213 PROVIDE CIRCUIT TO FACP WITH LOCKABLE BREAKER IN PANEL L1 PAINTED RED.
- 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.
- 215 PROVIDE CIRCUIT CONNECTION TO PLC AND CONTROL PANELS ACCORDING TO MANUFACTURER REQUIREMENTS. PROVIDE CONDUIT FOR POWER AND CONTROL CABLING ACCORDING TO MANUFACTURER AND INSTALLER REQUIREMENTS.
- 216 PROVIDE STEEL CHANNEL SUPPORT RACKS WITH ANCHOR BOLTS TO SUPPORT THE VFD CONTROLLERS.
- 217 PROVIDE CONDUIT AND CIRCUITS FOR MIXER EQUIPMENT, VIBRATOR MOTOR, AND HYDRAULIC PUMP CONTROLS FED FROM AUTOMATION PLC CONTROLS AND CONTROL PANEL.
- 218 PROVIDE CIRCUIT FOR MOTORIZED WATER VALVE AND CONTROLS THROUGH AUTOMATION PLC CONTROL PANEL. COORDINATE REQUIREMENTS WITH MECHANICAL PLANS AND AUTOMATION CONTROLS.

GRAPHIC SCALE(S)



SHEET NO		EP101	
SCALE	As indicated	DATE	09/18/2024
PROJ	D3754502	DWG	CIMDN-OSD_Mixer-Building-1_EP101

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Mixer-Building-1
Camden OSD
Calhoun County, Arkansas
Aerofjet Rocketdyne

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