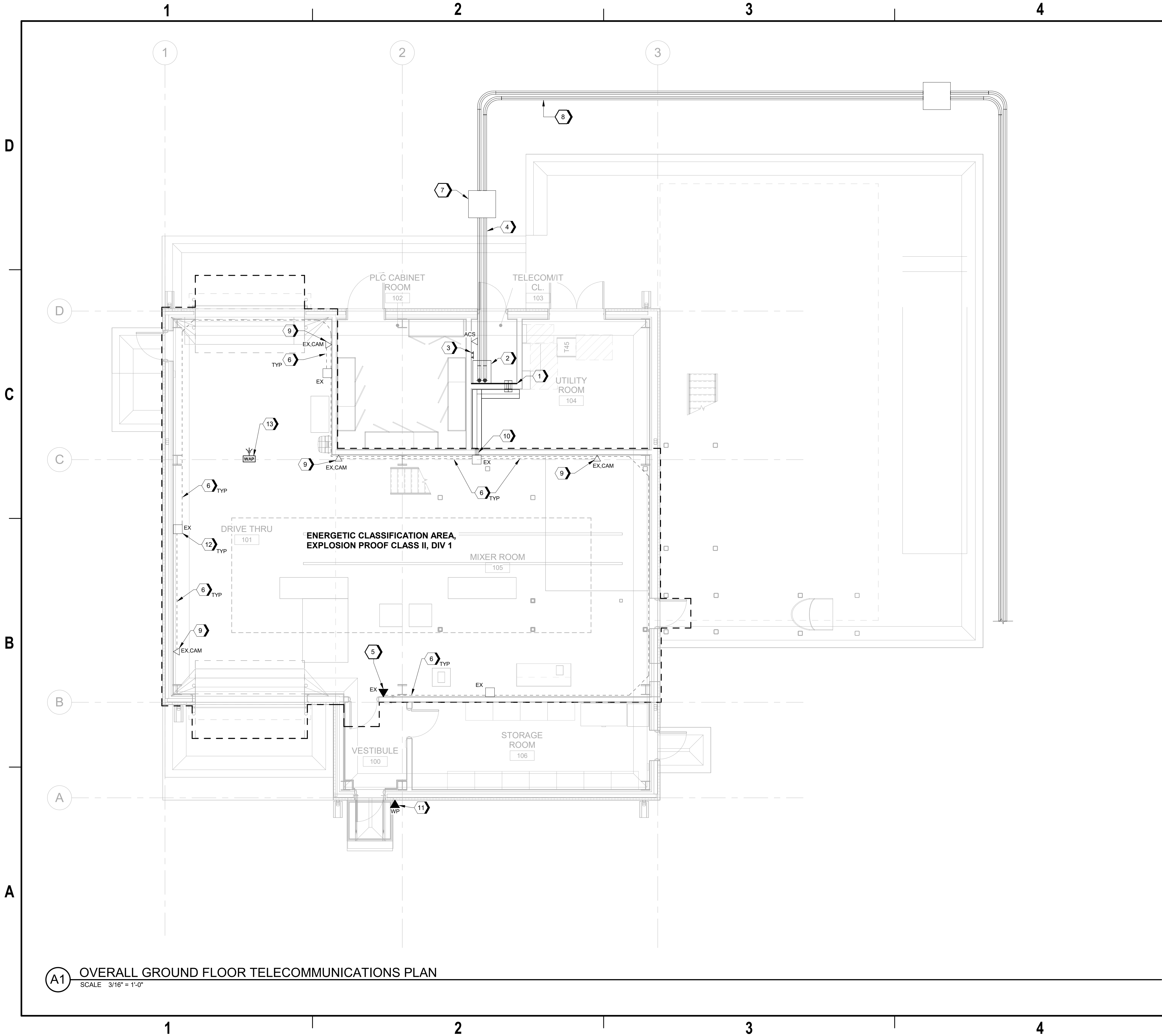


9/13/2024 7:10:42 AM
T-102
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A1 OVERALL GROUND FLOOR TELECOMMUNICATIONS PLAN
SCALE 3/16" = 1'-0"

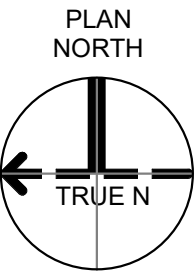
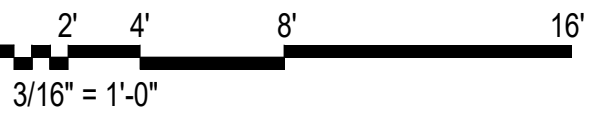
GENERAL SHEET NOTES

A. THIS BUILDING CONTAINS AREAS DETERMINED TO BE HAZARDOUS (CLASSIFIED) LOCATIONS. THE HAZARDOUS CLASSIFICATION RATING FOR THESE IDENTIFIED AREAS IS CLASS II, DIV 1.

#)SHEET KEYNOTES

1. PROVIDE 4' WIDE x 8' HIGH 3/4" GRADE AC PLYWOOD BACKBOARD.
2. PROVIDE 24" WIDE x 30" DEEP x 48" HIGH (26 RU) WALL MOUNTED TELECOMMUNICATIONS EQUIPMENT CABINET.
3. PROVIDE PRIMARY BONDING BUSBAR (PBB) TO BE BONDED TO ELECTRICAL GROUNDING ELECTRODE SYSTEM. BOND PBB TO BUILDING STEEL AND RACK BONDING BUSBAR (RBB) IN WALL MOUNT CABINET.
4. PROVIDE TWO (2) 4-INCH CONDUIT EXTENSIONS FROM TELECOMMUNICATIONS EQUIPMENT CABINET TO THE BUILDING SERVING HAND HOLE. HDPE LATERAL CONDUITS MUST TRANSITION TO RGS BELOW GRADE PRIOR TO 90 DEGREE TURN UP THROUGH THE SLAB FOR INTERCONNECTION TO THE TELECOMMUNICATIONS EQUIPMENT CABINET.
5. WALL-MOUNTED PHONES IN ENERGETIC AREAS MUST BE STATIC-PROOF, INTRINSICALLY SAFE AND EXPLOSION RATED FOR A CLASS II DIV 1 AREA. PHONE TO BE EQUIPPED WITH FLASHING LIGHTS INDICATING RING SIGNAL. USE RGS CONDUIT, SEALING FITTINGS, AND EXPLOSION PROOF RECEPTACLE BOX TO MEET RATING.
6. PROVIDE RGS CONDUIT WITH SEALED RECEPTACLE BOX BEHIND EACH DEVICE. PROVIDE 2" RGS CONDUIT BETWEEN EX JUNCTION BOXES. PROVIDE 1" RGS CONDUIT TO DEVICE OUTLET. MAINTAIN SEALED CONDUIT THROUGHOUT HAZARDOUS CLASSIFIED AREA (CLASS II DIV 1).
7. PROVIDE 3' x 3' HANDHOLE 10' FROM BUILDING FOR INTERCONNECTION TO FIBER HUT #1.
8. PROVIDE TWO (2) EACH 4" TELECOM LATERAL CONDUITS TO FIBER HUT #1. ALL LATERAL CONDUITS TO MIXER #1 TO BE FIELD COORDINATED WITH CIVIL.
9. PROCESS MONITORING CAMERAS IN ENERGETIC AREAS MUST BE STATIC PROOF, INTRINSICALLY SAFE, AND EXPLOSION RATED FOR A CLASS II DIV 1 AREA. PROVIDE RGS CONDUIT WITH SEALING FITTINGS, EXPLOSION PROOF RECEPTACLE BOX, AND OUTLET FOR EACH DEVICE.
10. PROVIDE ONE (1) 4-INCH SLEEVE WALL PENETRATION WITH BUSHINGS ON BOTH SIDES. PENETRATIONS INTO ENERGETIC AREAS MUST HAVE SEALED FITTINGS.
11. PROVIDE OUTLET FOR WEATHERPROOF WALL PHONE. TOP OF PHONE AT 48" AFF.
12. EX JUNCTION BOX TO BE 12" X 12" X 6" EXPLOSION PROOF, RATED FOR CLASS II DIV 1 GROUPS E, F, AND G. ENCLOSURE TO BE NEMA 4X RATED.
13. PROVIDE TWO (2) OUTDOOR RATED CAT 6A CABLES AND OUTDOOR RATED EX RATED OUTLET BOX FOR WIRELESS ACCESS POINT (WAP). WAP OUTLET BOX TO BE MOUNTED MINIMUM OF 12' AFF. THE CAT 6A CABLES ARE ROUTED BACK TO THE TELECOMMUNICATIONS CABINET USING 1-INCH RMC CONDUIT FOR TERMININATION. EXACT CONDUIT ROUTES TO BE FIELD DETERMINED AND APPROVED BY THE CLIENT.

GRAPHIC SCALE(S)



SHEET NO		T-102
SCALE	3/16" = 1'-0"	
DATE	09/18/2024	
PROJ	D3754502	
DWG	CIMDN-OSD_Mixer-Building-1_T-102	

NO.	DATE	DSGN	DR	BP	CHK	KR	SL	APVD	MT
0	09/18/2024	100% ISSUED FOR CONSTRUCTION - EXPANSION							
REVISION									

Jacobs
1888 Bryan Street Suite 500, Dallas, TX 75201
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Entity: Jacobs Engineering Group Inc.
License: Professional Engineering
Exp. Date: 12/31/2024

Bicsi
Robert A Prichard
BICSITD #107014
EXPIRES 12-31-25
RCDD

Mixer 1 & 2
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

Jacobs **MABIOZ**
TELECOMMUNICATION
GROUND FLOOR PLAN

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