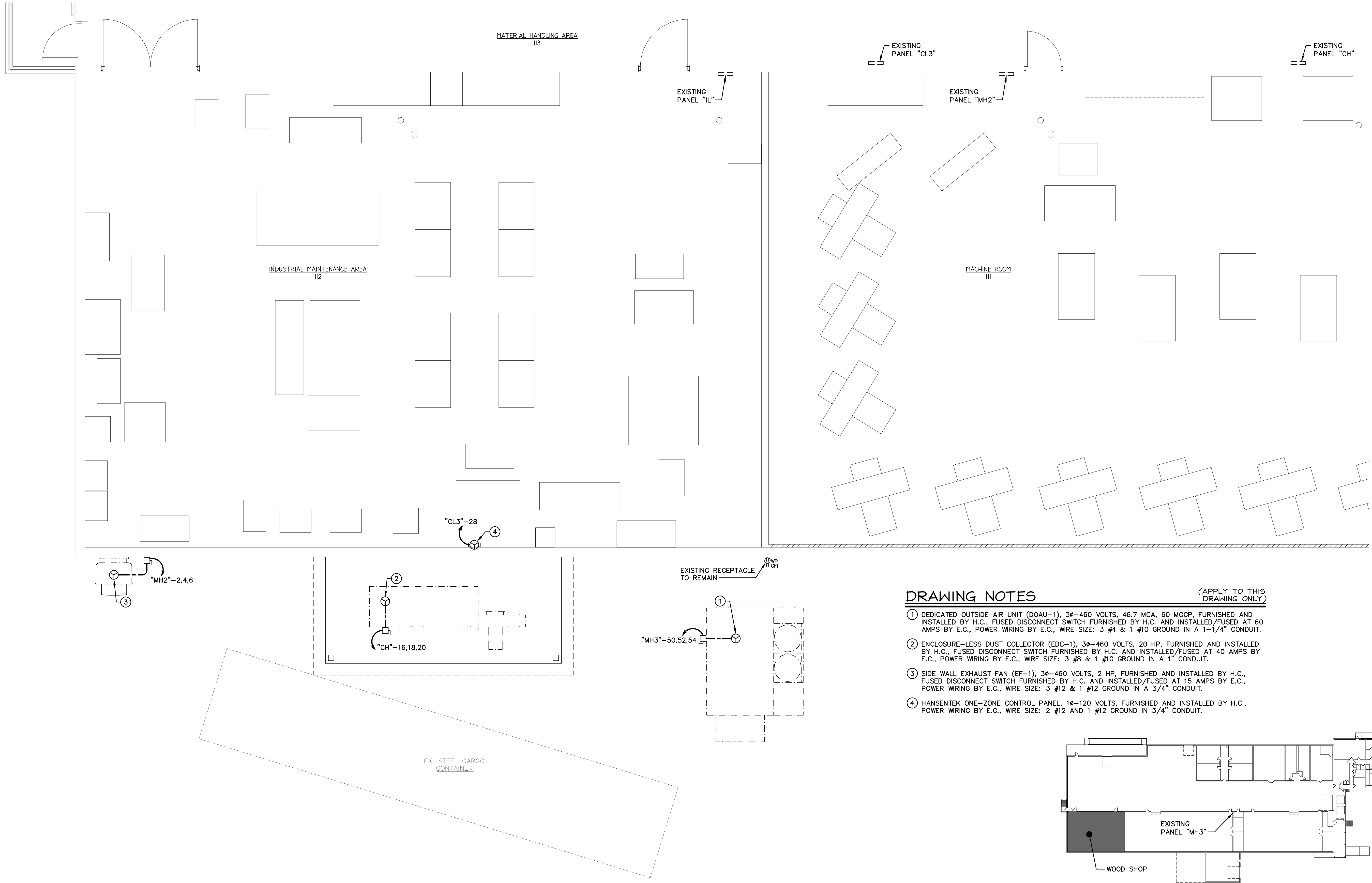


May 01, 2025 - 10:26am T:\Projects\2024\24-141 - ACM Makers Space Dust Collection and Weld Fume Extraction Systems\WOOD SHOP Drawings\24-141 - E4.dwg



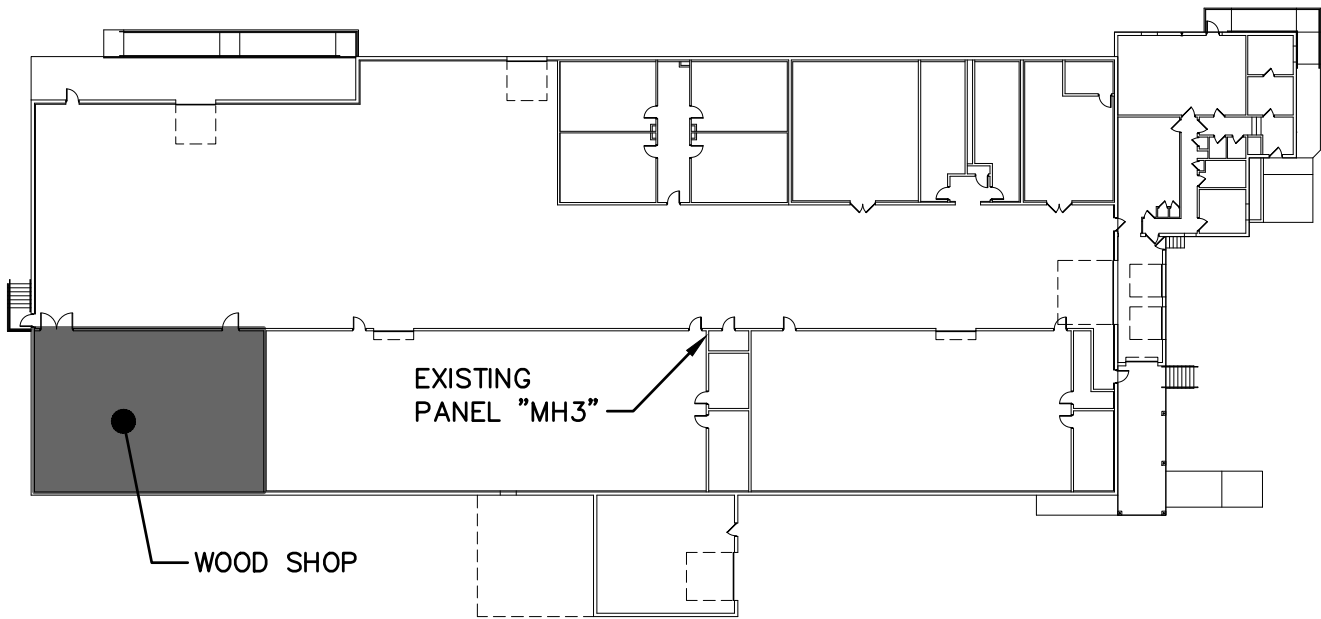
PARTIAL FLOOR PLAN - WOOD SHOP - ELECTRICAL NEW WORK

SCALE: 1/4" = 1'-0"

DRAWING NOTES

(APPLY TO THIS DRAWING ONLY)

- 1 DEDICATED OUTSIDE AIR UNIT (DOAU-1), 3ø-460 VOLTS, 46.7 MCA, 60 MOCP, FURNISHED AND INSTALLED BY H.C., FUSED DISCONNECT SWITCH FURNISHED BY H.C. AND INSTALLED/FUSED AT 60 AMPS BY E.C., POWER WIRING BY E.C., WIRE SIZE: 3 #4 & 1 #10 GROUND IN A 1-1/4" CONDUIT.
- 2 ENCLOSURE-LESS DUST COLLECTOR (EDC-1), 3ø-460 VOLTS, 20 HP, FURNISHED AND INSTALLED BY H.C., FUSED DISCONNECT SWITCH FURNISHED BY H.C. AND INSTALLED/FUSED AT 40 AMPS BY E.C., POWER WIRING BY E.C., WIRE SIZE: 3 #8 & 1 #10 GROUND IN A 1" CONDUIT.
- 3 SIDE WALL EXHAUST FAN (EF-1), 3ø-460 VOLTS, 2 HP, FURNISHED AND INSTALLED BY H.C., FUSED DISCONNECT SWITCH FURNISHED BY H.C. AND INSTALLED/FUSED AT 15 AMPS BY E.C., POWER WIRING BY E.C., WIRE SIZE: 3 #12 & 1 #12 GROUND IN A 3/4" CONDUIT.
- 4 HANSENTEK ONE-ZONE CONTROL PANEL, 1ø-120 VOLTS, FURNISHED AND INSTALLED BY H.C., POWER WIRING BY E.C., WIRE SIZE: 2 #12 AND 1 #12 GROUND IN 3/4" CONDUIT.



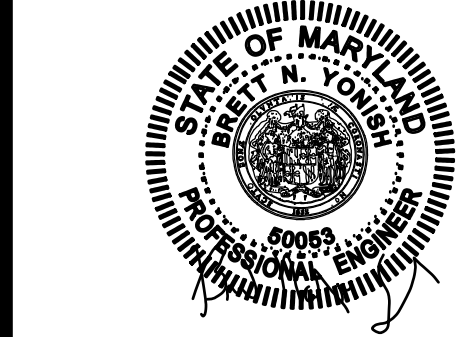
KEY PLAN

NOT TO SCALE

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 50053, EXPIRATION DATE: 10-13-2026

BRETT NICHOLAS YONISH DATE 05-01-2025



PARTIAL FLOOR PLAN - ELECTRICAL NEW WORK

DUST COLLECTION & WELD FUME EXTRACTION
WOOD SHOP & WELDING AREA
FOR
ALLEGANY COLLEGE, LAVALLE BUILDING
37 LANE AVENUE, LAVALLE, MARYLAND 21502



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REVISIONS

MARK	BY	DATE

DATE: 5/01/2025

DRAWN BY: C.A.M.

CHECKED BY: B.N.Y.

PROJECT NO. 24-141

DRAWING NO.

E-4