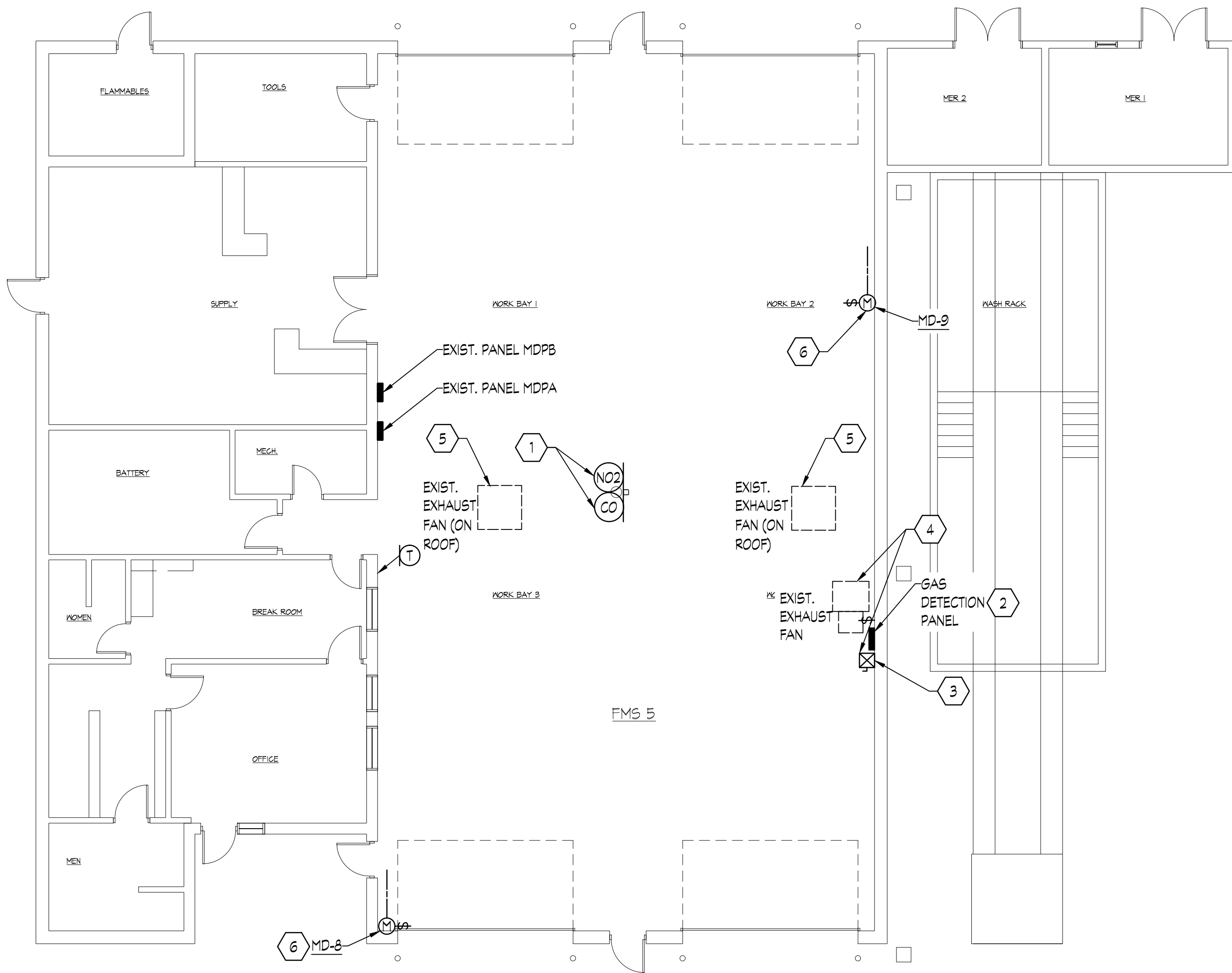
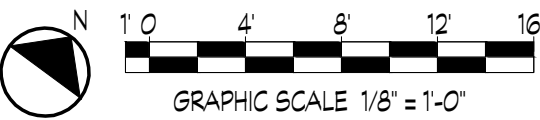


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O



FIELD MAINTENANCE SHOP #5 (FMS-5) FLOOR PLAN  
SCALE: 1/8" = 1'-0"

- DRAWING NOTES:**
1. PROVIDE 3/4" EMT WITH PULLCORD TO EACH SENSOR LOCATION FROM RESPECTIVE WORK BAY GAS DETECTION PANEL.
  2. CONNECT GAS DETECTION PANEL TO DEDICATED 20A, 120V CIRCUIT FROM SPACE IN PANEL MPD-1 OR MPD-3. PROVIDE A 1P-20A BREAKER AND FEED WITH 2 #12 + #12G, 3/4" EMT AND PROVIDE 20A DISCONNECT SWITCH ADJACENT TO GAS DETECTION PANEL.
  3. REMOVE EXISTING VARIABLE FREQUENCY DRIVE (VFD) AND ASSOCIATED CARBON MONOXIDE (CO) CONTROLLER. UTILIZE POWER CIRCUIT FOR NEW COMBINATION MOTOR STARTER/DISCONNECT, PER DRAWING NOTE #4.
  4. PROVIDE COMBINATION MOTOR STARTER/DISCONNECT WITH 120V CONTROL COIL AND REWORK, EXTEND, AND RECONNECT EXISTING CIRCUIT TO STARTER. PROVIDE 2 #12 + #12 G, IN 3/4" EMT FROM STARTER EXHAUST FAN. CONTACTOR COIL TO BE WIRED TO APPROPRIATE GAS DETECTION AND THERMOSTAT CONTROL CIRCUITS WITH 2 #12 + #12G, 3/4" C.
  5. REFER TO DRAWING M6 REGARDING ADD ALTERNATE TO REPLACE FAN (EF-11); TWO REQUIRED. PROVIDE 'ADD ALTERNATE' LINE ITEM PRICE TO INTERCEPT THE EXISTING CIRCUIT AND PROVIDE COMBINATION MOTOR STARTER/DISCONNECT WITH 120V CONTROL COIL AND RECONNECT EXISTING CIRCUIT TO STARTER IF REQUIRED FOR NEW CONTROLS. CONTACTOR COIL TO BE WIRED TO APPROPRIATE GAS DETECTION AND THERMOSTAT CONTROL CIRCUITS WITH 2 #12 + #12G, 3/4" C.
  6. PROVIDE DISCONNECT AT MOTORIZED DAMPER. MOTORIZED DAMPER TO BE WIRED TO APPROPRIATE GAS DETECTION AND THERMOSTAT CONTROL CIRCUITS WITH 2 #12 + #12G, 3/4" C.

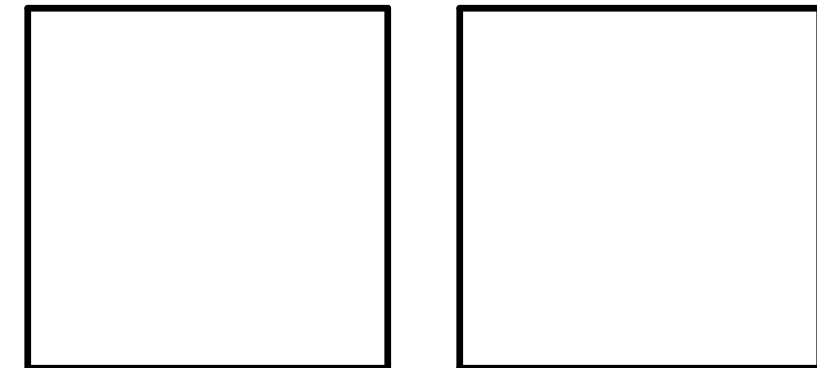


General Notes:

NOT FOR BIDDING  
PURPOSES

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Tel: 410.341.0200



Revision		

Project: **DELAWARE ARMY  
NATIONAL GUARD**  
**VEHICLE MAINTENANCE BLDGS - CO/NO2  
DETECTION DESIGN**  
**FIELD MAINTENANCE SHOP #5 (FMS-5)**  
**29757 ARMORY ROAD**  
**DAGSBORO, DE 19939**

Set No.: <b>DESIGN</b>	Sheet Title: <b>ELECTRICAL FLOOR PLAN</b>	<b>E6</b>
Proj.No.: 0499-J011.D02	Scale: AS NOTED	
Dwn.By: DH & SM	Date: 11/26/13	
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