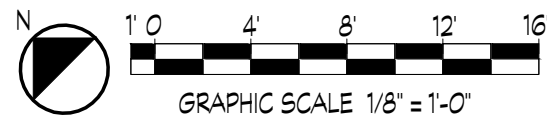


FIELD MAINTENANCE SHOP #3 (FMS-3) FLOOR PLAN
SCALE: 1/8" = 1' - 0"

- # 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 #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 TO EXHAUST FAN. CONTACTOR COIL TO BE WIRED TO APPROPRIATE GAS DETECTION AND THERMOSTAT CONTROL CIRCUITS WITH 2 #12 + #12G, 3/4" C.
 5. 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.
 6. REFER TO DRAWING M5 REGARDING ADD ALTERNATE TO REPLACE FAN (EF-10); THREE 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.

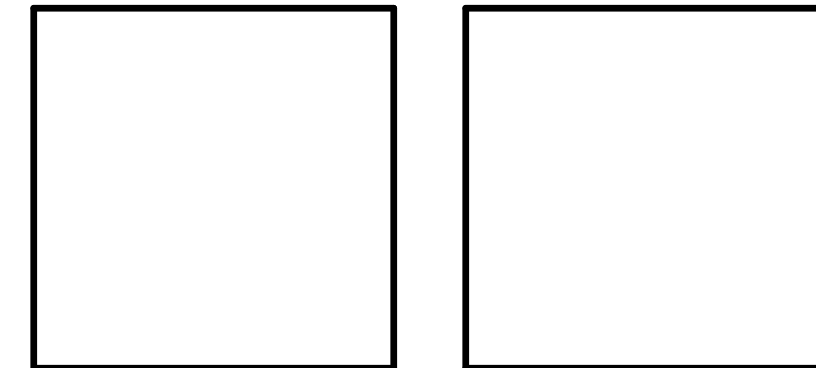


General Notes:

NOT FOR BIDDING
PURPOSES

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Revision

Project:

**DELAWARE ARMY
NATIONAL GUARD**

**VEHICLE MAINTENANCE BLDGS - CO/NO2
DETECTION DESIGN**

**FIELD MAINTENANCE SHOP #3 (FMS-3)
1197 RIVER ROAD
NEW CASTLE, DE 19720**

Set No.:
DESIGN

Sheet Title:
**MECHANICAL AND
ELECTRICAL FLOOR PLAN**

Proj.No.: 0499-J011.D02
Dwn.By: DH & SM

Scale: AS NOTED
Date: 11/26/13

Sheet No.:

E5

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