

**GENERAL NOTES:**  
1. SCOPE OF WORK LIMITED TO VEHICLE BAYS AND DRILL HALL AIR HANDLING UNIT SYSTEM. NO WORK IN OFFICE AREAS AND SUPPORT SPACES.

**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 LOCATED IN MAIN ELECTRICAL ROOM OF READINESS CENTER. PROVIDE 1P-20A BREAKER AND FEED WITH 2 #12 + #12G, 3/4" EMT AND PROVIDE 20A DISCONNECT SWITCH ADJACENT TO GAS DETECTION PANEL.  
3. PROVIDE DISCONNECT AT MOTORIZED DAMPER, MOTORIZED DAMPER TO BE WIRED TO CARBON DIOXIDE SENSOR CONTROL CIRCUIT WITH 2 #12 + #12G, 3/4" C.  
4. PROVIDE DISCONNECT AT MOTORIZED DAMPER, MOTORIZED DAMPER TO BE WIRED TO CARBON DIOXIDE SENSOR CONTROL CIRCUIT WITH 2 #12 + #12G, 3/4" C.  
5. CONNECT CARBON DIOXIDE SENSOR/CONTROLLER TO DEDICATED 20A, 120V CIRCUIT FROM SPACE IN PANEL LOCATED IN MAIN ELECTRICAL ROOM OF READINESS CENTER. PROVIDE 1P-20A BREAKER AND FEED WITH 2 #12 + #12G, 3/4" EMT.  
6. PROVIDE DISCONNECT AT MOTORIZED DAMPER, MOTORIZED DAMPER TO BE WIRED TO CARBON DIOXIDE SENSOR CONTROL CIRCUIT WITH 2 #12 + #12G, 3/4" C.  
7. REFER TO DRAWING M2 REGARDING ADD ALTERNATE TO REPLACE FAN (EF-7). 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.

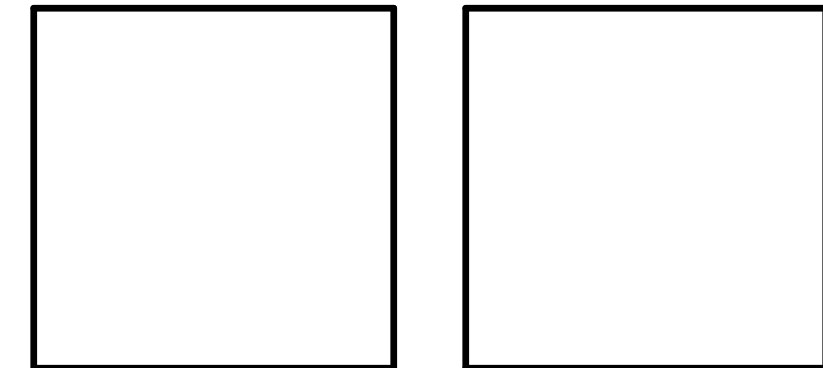
**dbf** DAVIS BOWEN & FRIEDEL, INC.  
ARCHITECTS, ENGINEERS & SURVEYORS  
SALISBURY, MARYLAND ■ MILFORD, DELAWARE  
410.543.9091 302.424.1441

**General Notes:**

NOT FOR BIDDING PURPOSES

**Consultant:**

**Allen & Shariff**  
DESIGN | BUILD | MANAGE  
Allen & Shariff Engineering, LLC  
205 East Market Street  
Salisbury, Maryland 21801  
Tel: 410.341.0200



| Revision |  |  |
|----------|--|--|
|          |  |  |
|          |  |  |
|          |  |  |

**Project:**  
**DELAWARE ARMY NATIONAL GUARD**  
**VEHICLE MAINTENANCE BLDGS - CO/NO2 DETECTION DESIGN**  
**SMYRNA READINESS CENTER - AREA A**  
**103 ARTISAN DRIVE**  
**SMYRNA, DE 19977**

|  |  |   |
|--|--|---|
| Set No.:<br><b>DESIGN</b>  | Sheet Title:<br><b>ELECTRICAL FLOOR PLAN</b> | <b>E2</b>                                       |
| Proj.No.:<br>0499JO11.D02  | Scale:<br>AS NOTED                           |   |
| Dwn.By: DH & SM  | Date:<br>11/26/13                            |   |
| THIS DRAWING, THE DESIGN AND CONSTRUCTION FEATURES DISCLOSED ARE PROPRIETARY TO DAVIS, BOWEN & FRIEDEL, INC., AND SHALL NOT BE ALTERED OR REUSED WITHOUT WRITTEN PERMISSION.<br>COPYRIGHT © 2013 |  | © ALLEN & SHARIFF ENGINEERING, LLC JOB# 1331027 |