

FIRST FLOOR  
SCALE: 3/16" = 1'-0"

| PANEL: BA VOLTAGE: 208V PHASE: 3 NO. WIRES: 4 MOUNTED: SURFACE |                   |         |              |     |      |      |          |                 |                |
|--|-------------------|---------|--------------|-----|------|------|----------|-----------------|----------------|
| CIR NO.  | EQUIPMENT         | BREAKER | FEEDER       | L1  | L2   | L3   | FEEDER   | BREAKER         | EQUIPMENT      |
| 1  | LIGHTING          | 20A-1P  | 2#12 W/G 9.3 | 4.0 |      |      | 3#12 W/G | 15A-3P          | MOTORIZED DOOR |
| 3  | RECEPTACLES       |         |              |     |      |      | 3#12 W/G | 15A-3P          | MOTORIZED DOOR |
| 5  | EXTERIOR LIGHTING |         |              |     |      |      | 20A-1P   | SPARE           |                |
| 7  | SPARE             |         |              |     |      |      | 20A-1P   | SPARE           |                |
| 9  |                   |         |              |     |      |      |          |                 |                |
| 11   |                   |         |              |     |      |      |          |                 |                |
| 13   | BUSSED SPACE      |         |              |     | 0    | 15.0 |          | BUSSED SPACE    |                |
| 15   |                   |         |              |     |      |      | 2#12 W/G | BATTERY CHARGER |                |
| 17   |                   |         |              |     |      |      |          | BUSSED SPACE    |                |
| 19   |                   |         |              |     |      |      |          | BUSSED SPACE    |                |
| 21   |                   |         |              |     |      |      |          | BUSSED SPACE    |                |
| 23   |                   |         |              |     | 13.3 | 22.0 | 19.7.7   |                 |                |

NOTE: ALL EQUIPMENT GROUNDING CONDUCTORS FOR LISTED-BREAKER-CIRCUITS SHALL BE #12 AWG.

| LIGHTING FIXTURE SCHEDULE |                        |              |                          |
|---------------------------|------------------------|--------------|--------------------------|
| ID.                       | DESCRIPTION            | MANUFACTURER | CAT. NO.                 |
| A                         | INDUSTRIAL HIGH BAY    | COLUMBIA     | HBL-60LU-Y2-SK-W-070-GR- |
| B                         | EXIT LIGHT             | DUAL LITE    | SEML S W E HTR           |
| C                         | EMERGENCY BATTERY PACK | DUAL LITE    | DYN 12 I HTR             |
| D                         | EXTERIOR REMOTE HEADS  | DUAL LITE    | DYNRD-4X                 |
| E                         | EXTERIOR WALL LIGHT    | HUBBELL      | NRC-30LU-PC              |
| F                         | EXTERIOR WALL PACK     | HUBBELL      | LWC-30LU-SK-4-1-PC       |

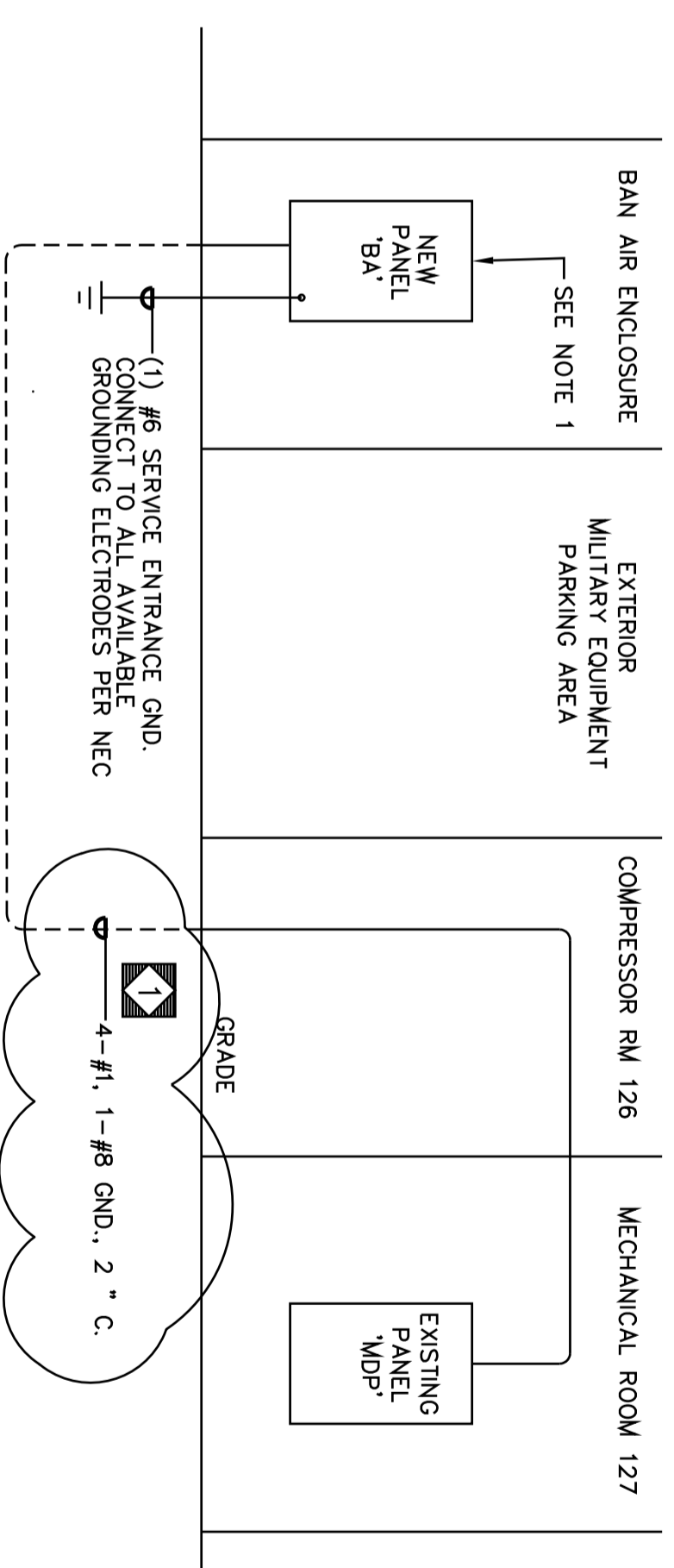
| LAMPS                | MTG. | REMARKS                     |
|----------------------|------|-----------------------------|
| LED                  | YOKE | SUITABLE FOR COLD WEATHER   |
| LED                  | WALL | SUITABLE FOR COLD WEATHER   |
| 3W LED               | WALL | SUITABLE FOR COLD WEATHER   |
| (2) 3W LED HEADSWALL | WALL | MOUNT AT 8'-0" ABOVE GRADE  |
| 14W LED              | WALL | MOUNT AT 14'-0" ABOVE GRADE |
| 30 LED               | WALL | MOUNT AT 14'-0" ABOVE GRADE |

GENERAL NOTES FOR ALL ELECTRICAL PLANS

1. ALL WORK MUST MEET UCC REQUIREMENTS. ALL WORK MUST MEET NEC, 2008.
2. THE ELECTRICAL CONTRACTOR (EC) SHALL PROVIDE ALL MATERIALS AND WORK FOR A COMPLETE AND OPERATIONAL SYSTEM. THE EC SHALL BE RESPONSIBLE FOR ALL WORKS AND MEANS OF CONSTRUCTION NOT SPECIFICALLY DETAILED, I.E. JUNCTION BOXES, ETC.
3. WHEN THE PHRASE "EXTEND AND CONNECT" IS USED IN ANY VARIATION, IT SHALL MEAN TO PROVIDE CONDUIT AND WIRE AS INDICATED ON THE PANEL SCHEDULE FOR THE ASSOCIATED CIRCUIT, TO THE POINT INDICATED EITHER IN THE NOTE OR ON THE DRAWING. PROVIDE ALL TERMINATIONS, BOXES, CONDUIT, WIRE, CONNECTORS, ETC. FOR A COMPLETE AND OPERATIONAL SYSTEM.
4. ALL CIRCUITS SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR. SHARING OF NEUTRAL CONDUCTOR IS NOT PERMITTED.

PLAN NOTES

- 1 NEW 208/120V-3Ø, 100A PANEL BOARD BA.
- 2 ELECTRICALLY OPERATED OVERHEAD DOOR BY THE GENERAL CONTRACTOR, 208V-3Ø, 1 HP, FURNISH AND INSTALL A 30A-3P DISCONNECT SWITCH AND CONNECT AS INDICATED.
- 3 EXTEND AND CONNECT 2#12 W/G FROM BATTERY PACK/EXIT SIGN/INTERAL EM BALLAST TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT SERVING THIS AREA.
- 4 SEE ELECTRICAL SITE PLAN DRAWING ES.1.1.
- 5 CONNECT TO EXTERIOR LIGHTING CIRCUIT BA-5.
- 6 MOUNT BATTERY PACK TO STEEL ABOVE WITH UNSTRUCTURED AND RAL TYPE AD.
- 7 CONTRACTOR SHALL FURNISH AND INSTALL A NEMA 10-20R RECEPTACLE FOR A 208V-1Ø, 20A BATTERY CHARGER. VERIFY EXACT RECEPTACLE TYPE WITH USING AGENCY ON SITE PRIOR TO ORDERING. CIRCUIT AS INDICATED.



PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

- NOTES:
1. CONTRACTOR SHALL PROVIDE ENGRAVED SIGN AT PANEL BOARD STATING LOCATION OF DISCONNECT DEVICE FOR DISCONNECTING FEEDER. DO NOT INSTALL A JUMPER BETWEEN GROUND BUS AND NEUTRAL BUS.

VERIFY SCALE

BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING.  
0 1  
IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY.

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT BUREAU OF ENGINEERING AND ARCHITECTURE APPROVAL.

|           |   |             |
|-----------|---|-------------|
| NO.       | DESCRIPTION   | DATE        |
| 1         | ADD RECEPTACLE FOR CHARGER, CHANGE FEEDER SIZE, BA. | 26 JUL 2016 |
| REVISIONS |   |             |

Professional's signature \_\_\_\_\_ Date \_\_\_\_\_

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS  
BUREAU OF MILITARY CONSTRUCTION AND ENGINEERING  
ANNVILLE, LEBANON COUNTY, PENNSYLVANIA  
COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF GENERAL SERVICES  
HARRISBURG, PENNSYLVANIA  
PROJECT NO. D.G.S. A963-35  
DMVA PROJECT NO. 42150101  
SCRANTON / TAYLOR FMS  
PRE-ENGINEERED STEEL STORAGE BLDG.  
8 STAUFFER INDUSTRIAL PARK  
TAYLOR, LACKAWANNA CO., PA

Lighting & Power Plan  
DRAWN BY K.S.M. DATE 30 MAR 2017  
CHECKED BY SCALE AS NOTED  
DRAWING NO. E.1.1