

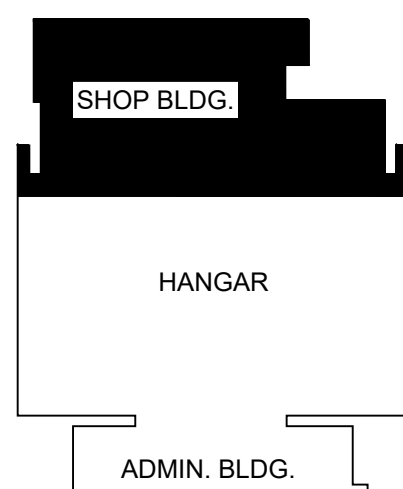


- 1 RTU-17 BY H.C., 480V-3P, 7.0 FLA, 8.8 MCA, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 15A.
- 2 RTU-18 BY H.C., 480V-3P, 9.6 FLA, 12.0 MCA, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 20A.
- 3 RTU-19 BY H.C., 480V-3P, 9.6 FLA, 12.0 MCA, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 20A.
- 4 RTU-20 BY H.C., 480V-3P, 7.0 FLA, 8.8 MCA, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 15A.
- 5 RTU-21 BY H.C., 480V-3P, 7.0 FLA, 8.8 MCA, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 15A.
- 6 RTU-22 BY H.C., 480V-3P, 7.0 FLA, 8.8 MCA, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 15A.
- 7 UH-1 THRU UH-24 BY H.C., 120V-1P, 1/12 HP, 0.5A, PROVIDE THERMALLY PROTECTED SNIP SWITCH ADJACENT TO UNIT AS DISCONNECTING MEANS. EXTEND AND CONNECT TO EXISTING CIRCUIT MADE SURE BY DESIGN.
- 8 EF-1 BY H.C., 120V-1P, 1/12 HP, 0.5A, PROVIDE THERMALLY PROTECTED SNIP SWITCH ADJACENT TO UNIT AS DISCONNECTING MEANS.
- 9 EF-2 BY H.C., 120V-1P, 1/12 HP, 0.5A, PROVIDE THERMALLY PROTECTED SNIP SWITCH ADJACENT TO UNIT AS DISCONNECTING MEANS.
- 10 EF-3 BY H.C., 120V-1P, 1/12 HP, 0.5A, PROVIDE THERMALLY PROTECTED SNIP SWITCH ADJACENT TO UNIT AS DISCONNECTING MEANS.
- 11 EF-4 BY H.C., 120V-1P, 1/12 HP, 0.5A, PROVIDE THERMALLY PROTECTED SNIP SWITCH ADJACENT TO UNIT AS DISCONNECTING MEANS.
- 12 EF-5 BY H.C., 120V-1P, 1/2 HP, 0.8A, PROVIDE THERMALLY PROTECTED SNIP SWITCH ADJACENT TO UNIT AS DISCONNECTING MEANS. SEE DETAIL THIS DWG.
- 13 LEV-1 BY H.C., 480V-3P, 3 HP, 9.8A, PROVIDE 30A-3P FDS, FUSE AT 15A. NOT USED FOR BB1.
- 14 ERV-1 BY H.C., 480V-3P, 8.2A, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 15A.
- 15 ERV-2 BY H.C., 480V-3P, 8.2A, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 15A. NOT USED FOR BB1.
- 16 ERV-3 BY H.C., 480V-3P, 8.2A, PROVIDE 30A-3P WP FDS MOUNTED ADJACENT TO UNIT ON ROOF, FUSE AT 15A. NOT USED FOR BB1.
- 17 CU-1 BY H.C., 208V-1P, 19.2A, 24.0MCA, PROVIDE 30A-3P WP FDS, FUSE AT 30A. NOT USED FOR BB1.
- 18 CU-2 BY H.C., 208V-1P, 19.2A, 24.0MCA, PROVIDE 30A-3P WP FDS, FUSE AT 30A.
- 19 CU-3 BY H.C., 208V-1P, 19.2A, 24.0MCA, PROVIDE 30A-3P WP FDS, FUSE AT 30A. NOT USED FOR BB1.
- 20 FC-1 BY H.C., 208V-1P, 1.0A, H.C. SHALL ELECTRICALLY FEED VIA UNSET CABLE TO CU-1. NOT USED FOR BB1.
- 21 FC-2 BY H.C., 208V-1P, 1.0A, H.C. SHALL ELECTRICALLY FEED VIA UNSET CABLE TO CU-1. NOT USED FOR BB1.
- 22 FC-3 BY H.C., 208V-1P, 1.0A, H.C. SHALL ELECTRICALLY FEED VIA UNSET CABLE TO CU-2.
- 23 FC-4 BY H.C., 208V-1P, 1.0A, H.C. SHALL ELECTRICALLY FEED VIA UNSET CABLE TO CU-3.

- 24 FC-5 BY H.C., 208V-18, 1.0A. H.C. SHALL ELECTRICALLY FEED VIA LINEAR CABLE TO CU-3. NOT USED FOR BB1.
- 25 FC-6 BY H.C., 208V-18, 1.0A. H.C. SHALL ELECTRICALLY FEED VIA LINEAR CABLE TO CU-3. NOT USED FOR BB1.
- 26 ELECTRONIC WALL BOX TIMER FOR EXHAUST FAN CONTROL. SEE DETAIL THIS DWG.
- 27 CABINET UNIT MECHANICAL TO BE REPLACED BY H.C.
- 28 EXISTING EXTRACTOR TO REMAIN.
- 29 LEV-2 BY H.C., 120V-18, 5.4A. PROVIDE SPECIAL PURPOSE RECEPTACLE TO MATCH PLUG CONFIGURATION. VERIFY WITH EQUIPMENT. NOT USED FOR BB1.
- 30 EXISTING PANEL TO BE REMOVED AND REMOUNTED TO WALL SUCH THAT THE BOTTOM OF THE PANELEBOARD IS 18" AFF. BUT THE MAIN CB HANDLE SHALL NOT EXCEED 79" AFF. RE-WORK MAIN FEEDER AND BRANCH CIRCUITS AS NECESSARY FOR CODE COMPLIANCE AND RE-TERMINATE AS NECESSARY.
- 31 EXISTING TRANSFORMER TO BE REMOVED AND REMOUNTED TO PAD SUCH THAT THE BOTTOM OF THE TRANSFORMER HOUSING IS 18" AFF. PROVIDE ANGLE IRON, WELDED (AND PAINTED) FIRM "12" HIGH AND 1/2" THICK TO EXISTING PAD HARDWARE. PROVIDE BOLTS AND HARDWARE TO RE-ATTACH TRANSFORMER TO NEW ANGLE IRON FRAME. RE-WORK PRIMARY AND SECONDARY FEEDERS AS NECESSARY FOR CODE COMPLIANCE AND RE-TERMINATE AS NECESSARY.
- 32 SPRAY BOOTH BY H.C., 120V-18, 1/3 HP, 7.2A. PROVIDE SPECIAL PURPOSE RECEPTACLE TO MATCH EQUIPMENT CONFIGURATION. NOT USED FOR BB1.
- 33 DOWN DRAFT TABLE, 480V-36, 10A. PROVIDE SPECIAL PURPOSE RECEPTACLE TO MATCH EXISTING EQUIPMENT CONFIGURATION. NOT USED FOR BB1.
- 34 TWO CHANNEL ALUMINUM POWER POLE (10'). PROVIDE OUTLETS IN ONE END AND DATA OUTLETS IN OTHER. PROVIDE ALL NECESSARY MOUNTING HARDWARE AND SUPPORTS AS NECESSARY.
- 35 PROVIDE DUCT DETECTOR INTERCONNECTION WITH EXISTING HONEYWELL FIRE ALARM SYSTEM. PROVIDE AT LEAST (1) 1" CONDUIT AND APPROVED FIRE ALARM CABLE TO PANEL ON OTHER SIDE OF HANGER. SEE PROGRAM. PROVIDE FIRE ALARM SYSTEM INTEGRATION, PROGRAMMING, AND/OR MANUFACTURER'S REP AS NECESSARY. NOT USED FOR BB1.
- 36 PROVIDE 2"x8"x1/4" CU GROUND BAR, PREDRILLED AND INSULATED FROM WALL. PROVIDE #2 CU INSULATED GROUND CONDUCTOR TO EACH CONNECTED TO STRUCTURAL STEEL. PROVIDE ALL TERMINATIONS AS NECESSARY.



1. GENERAL PURPOSE POWER RLEY IN SHEET STEEL ENCLOSURE SQUARE D # 8501-COM 120V & 99191-UE1 ENCLOSURE OR EQUAL.
2. MULTIPURPOSE CONTACTOR IN ENCLOSURE SQUARE D #G93-1G120V-02 OR APPROVED EQUAL.
3. ALL TIMERS, RELAYS, AND CONTACTORS SHALL BE MOUNTED IN THE HANGER, TIMERS AT 48" TOB, RELAYS AND CONTACTORS AT 60" TOB. ALL CIRCUITING SHALL TRANSITION TO CLASS DIV2 CIRCUITING METHODS PRIOR TO ENTRY INTO CLASSIFIED SPACE.
4. THE EXISTING BATTERY CHARGER CIRCUITS SHALL BE INTERFERED EXTERIOR TO THE CLASSIFIED SPACE AND EXTENDED TO CONTACTOR TERMINAL SPACE. THE CIRCUITS SHALL THEN BE EXTENDED AND CONNECTED TO EXISTING CHARGER OUTLETS VIA THE LOAD TERMINALS OF CONTACTOR.
5. DIGITAL TIMER SHALL BE INTERMATIC #2125W OR APPROVED EQUAL, 5 PRESETS, NO HOLD, PROVIDE ONE OUTSIDE OF PHARMACY AND ONE OUTSIDE OF BATTERY CHARGING ROOM.
6. THE EXISTING PHARMACY OUTLET CIRCUITS SHALL BE INTERFERED EXTERIOR TO THE CLASSIFIED SPACE AND EXTENDED TO CONTACTOR TERMINAL SPACE. THE CIRCUITS SHALL THEN BE EXTENDED AND CONNECTED TO EXISTING OUTLETS VIA THE LOAD TERMINALS OF CONTACTOR.



NO.	DESCRIPTION			DATE	
REVISIONS					
Professional's Signature _____ Date _____					
COMMONWEALTH OF PENNSYLVANIA DEPT. OF MILITARY & VETERAN'S AFFAIRS ANNVILLE, LEBANON COUNTY, PENNSYLVANIA 17003					
DESIGN PROFESSIONAL:  OFFICE OF FACILITIES AND ENGINEERING BUREAU OF DESIGN AND PROJECT MANAGEMENT BLDG. 9-10, FORT INDIANTOWN GAP ANNVILLE, LEBANON COUNTY, PENNSYLVANIA					
PROJECT NO.:		42190080			
19-101 HVAC/LED UPGRADES "NORTH" AREA 19 - FORT INDIANTOWN GAP ANNVILLE, LEBANON COUNTY, PENNSYLVANIA					
BB1 POWER PLAN					
DRAWN BY B. BARGER		DATE 14 OCT 2022		DRAWING NO.  E.1.2	
CHECKED BY D. HEALEY		SCALE AS NOTED			