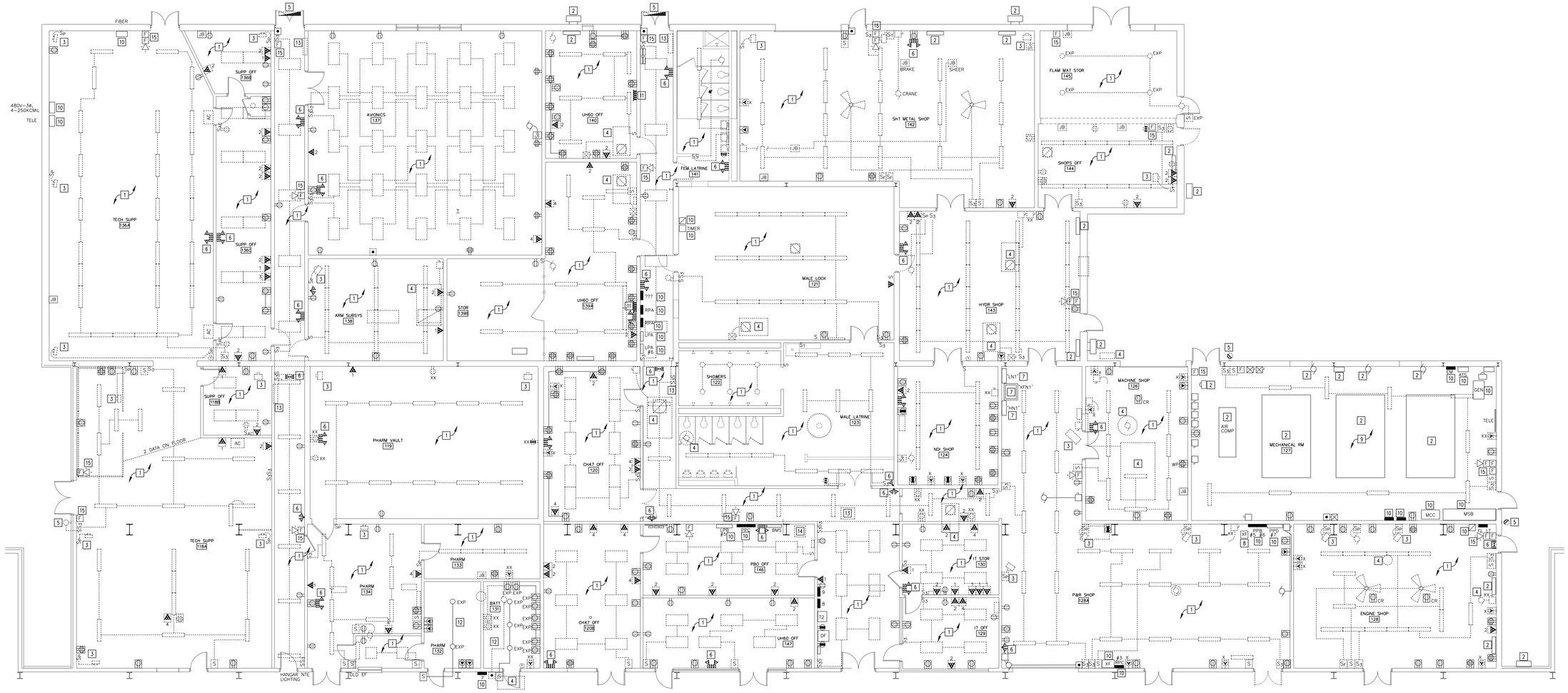


BB2 NORTH DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

DEMOLITION PLAN NOTES:

1. ALL EXISTING ELECTRICAL DEVICES, LIGHTING FIXTURES, SWITCHES, AND DATA OUTLETS SHALL BE REMOVED THIS AREA UNO. HOWEVER, ALL RECEPTACLES ARE EXISTING TO REMAIN UNO. REMOVE ALL EXISTING CONDUIT, WIRE, AND BOXES DOWN TO ORIGINAL CONSTRUCTION BACK TO POINT OF SERVICE UNLESS BEING RE-USED FOR NEW LIGHTING. SPECIAL PURPOSE OUTLETS THAT ARE REMOVED SHALL NOT HAVE THE CONDUIT RE-USED, BUT RATHER MADE SPARE, BUT CONDUCTOR REMOVED. ALL PANELBOARDS AND/OR DISTRIBUTION EQUIPMENT ARE EXISTING TO REMAIN UNO.
2. EXISTING MECHANICAL EQUIPMENT TO REMAIN.
3. EXISTING MECHANICAL EQUIPMENT TO BE REMOVED. MAINTAIN BRANCH CIRCUIT FOR NEW EQUIPMENT.
4. EXISTING MECHANICAL EQUIPMENT TO BE REMOVED. DEMOLISH BRANCH CIRCUIT BACK TO SOURCE, MAKE SPARE.
5. EXISTING EXTERIOR MOUNTED FIXTURE TO BE REMOVED. SEE LIGHTING PLAN FOR NEW INSTALLATIONS.
6. EXISTING EXIT SIGN AND/OR EMERGENCY LIGHTING UNIT TO BE REMOVED.
7. EXISTING ELECTRICAL EQUIPMENT TO BE RELOCATED BY INCREASING ELEVATION. SEE POWER PLAN.
8. EXISTING TRANSFORMER TO BE LOWERED APPROX 12" AND ALUMINUM GUARD PLACED BELOW CONDUIT ABOVE. ALL CIRCUITS IMMEDIATELY AT TRANSFORMER, (10 CIRCUITS – 10 3/4" C.) SHALL HAVE THE CONDUCTORS INSPECTED AND TESTED. ASSUME #12 AWG AND 3 CONDUCTORS FOR ALL 10 BRANCH CIRCUITS. EXTEND AND CONNECT PRIMARY AND SECONDARY AS REQUIRED FOR 25KVA 480/240-1ø XFMR.
9. ALL EXISTING INTERIOR LIGHTING AND SWITCHING SHALL BE REMOVED. MAINTAIN BRANCH CIRCUITS FOR LIGHTING INSTALLATION, SEE LIGHTING PLAN.
10. EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
11. EXISTING ELECTRICAL PANELS TO BE REMOVED. BRANCH CIRCUITS SHALL BE EXTENDED TO NEW PANEL IN HALLWAY. SEE PANEL SCHEDULE FOR CIRCUITS.
12. EXISTING TO REMAIN IN THIS AREA UNO OR AS INDICATED.
13. EXISTING CABINET UNIT HEATER TO BE REPLACED BY H.C.
14. EXISTING IT RACK TO BE REMOVED AFTER NEW RACK IS INSTALLED AND ALL CABLE TERMINATED. COORDINATE WITH J6 STAFF FOR DETAILS.
15. EXISTING FIRE ALARM SYSTEM AND/OR DEVICES TO REMAIN.

GENERAL NOTES FOR ALL ELECTRICAL DEMOLITION PLANS

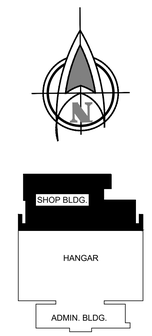
1. WHEN A DEVICE IS REMOVED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CIRCUITING TO UPSTREAM OR DOWNSTREAM DEVICES TO REMAIN FOR FULL OPERATION. WHEN A "CIRCUIT" IS TO BE REMOVED, THE CIRCUIT SHALL BE REMOVED ONLY IF THE PARTICULAR DEVICES ARE THE ONLY ITEMS ON THE CIRCUIT. IF THERE ARE OTHER DEVICES OR EQUIPMENT ON THE CIRCUIT, ONLY THE DEVICE OR EQUIPMENT SHALL BE REMOVED. MAINTAIN CIRCUITRY TO REMAINING DEVICES AS REQUIRED.
2. IN GENERAL, ALL DEVICES, CONDUIT, WIRING, LIGHTING FIXTURES, AND EQUIPMENT ARE TO BE REMOVED UNLESS NOTED OTHERWISE (UNO). HOWEVER, EXISTING RECEPTACLES ARE TO REMAIN UNO (BY NOTE OR BY SYMBOLOGY).
3. ALL MATERIALS REMOVED BECOME THE PROPERTY OF THE CONTRACTOR UNO AND SHALL BE REMOVED FROM THE PROJECT SITE IN A LEGAL MANNER AFTER DMVA HAS RECEIVED THE FIRST RIGHT OF REFUSAL. ALL MATERIALS SPECIFIED TO BE TURNED OVER TO DMVA PERSONNEL SHALL BE IN THE CONDITION IN WHICH THEY WERE PRIOR TO REMOVAL.
4. CONDUIT SYSTEMS AND WIRING MAY BE RE-USED IF THEY ARE IN EXCELLENT CONDITION, OF THE PROPER SIZE AND RATING, AND IN THE PROXIMITY TO WHERE THEY ARE NEEDED. OTHERWISE, UNLESS NOTED TO REMAIN, SHALL BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR ALL CIRCUITING ON THE NEW WORK PLANS WHETHER UTILIZING EXISTING OR PROVIDING NEW. ALL WIRING MUST BE MODERN THHN/THWN INSULATION IN ORDER TO BE RE-USED, OTHERWISE, IT MUST BE REPLACED.
5. IN GENERAL, SYMBOLS INSIDE A BOX REPRESENT SURFACE MOUNTED DEVICES. SYMBOLS WITHOUT A BOX REPRESENT FLUSH MOUNTED DEVICES. WHEN A DEVICE IS INDICATED TO BE REMOVED, ALL ASSOCIATED ACCESSIBLE CONDUIT, SURFACE METAL RACEWAY, WIRING, AND BOXES SHALL BE REMOVED BACK TO SOURCE. PROVIDE BLANK COVERS FOR FLUSH MOUNTED BOXES IF NOT RE-USED.
6. WHEN ELECTRICAL EQUIPMENT IS TO BE REMOVED, THE E.C. SHALL REMOVE ALL CONDUIT, WIRE, HANGERS, SUPPORTS, BOXES, ETC. BACK TO SOURCE.
7. IN GENERAL, ITEMS TO BE REMOVED ARE DASHED, AND THOSE THAT ARE TO BE RE-CONNECTED AND/OR REMAIN ARE LIGHT AND SOLID.
8. ALL FIRE ALARM IS EXISTING TO REMAIN UNO.
9. RECEPTACLES SPECIFICALLY SLATED FOR REMOVAL ARE MARKED 'X'. WIRING DEVICE SHALL BE REMOVED, ALONG WITH CONDUCTOR BACK TO PANEL, BREAKER MADE SPARE. THE CONDUIT AND BOXES SHALL REMAIN. PROVIDE COVER PLATE AND LABEL WHICH PANEL THE CONDUIT GOES TO FOR FUTURE USE. RECEPTACLES MARKED WITH 'XX' SHALL BE REMOVED IN THEIR ENTIRETY TO INCLUDE RECEPTACLE, WIRING BOXES AND CONDUIT BACK TO SOURCE.

GENERAL NOTES FOR ALL ELECTRICAL PLANS

1. VERIFY LOCATION OF ALL EQUIPMENT TO BE CONNECTED PRIOR TO ROUGH-IN.
2. ALL WORK MUST MEET UCC REQUIREMENTS. ALL WORK MUST MEET NEC, 2017.
3. THE ELECTRICAL CONTRACTOR (E.C.) SHALL PROVIDE ALL MATERIALS AND WORK FOR A COMPLETE AND OPERATIONAL SYSTEM. THE E.C. IS RESPONSIBLE FOR ALL "WAYS AND MEANS OF CONSTRUCTION" NOT SPECIFICALLY DETAILED, I.E. JUNCTION BOXES, ETC.
4. ALL ELECTRICAL EQUIPMENT AND/OR CONNECTIONS ARE BY E.C. UNLESS NOTED OTHERWISE. THE E.C. SHALL BECOME FAMILIAR WITH ALL OF THE CONTRACT DOCUMENTS TO VERIFY ALL ELECTRICAL REQUIREMENTS REGARDING EXISTING CONDITIONS AND INTENDED FINAL RESULT.
5. ALL ELECTRICAL PENETRATIONS THROUGH MECHANICAL ROOMS, CORRIDORS, STAIRWAYS AND FROM FLOOR TO FLOOR SHALL BE 1 HOUR RATED AND SHALL BE BY MANUFACTURER'S DETAILS. THE DETAILS SHALL MEET OR EXCEED RATINGS OF CONSTRUCTION BEING PENETRATED. PENETRATION DETAILS SHALL BE EXACTLY AS TESTED BY AN APPROVED TESTING LABORATORY OR AGENCY AND SHALL INCLUDE THEIR SYSTEM NUMBERS ON SUBMITTALS.
6. WHEN THE PHRASE "EXTEND AND CONNECT" IS USED IN ANY VARIATION, IT SHALL MEAN TO PROVIDE CONDUIT AND WIRE AS INDICATED 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.
7. THE DRAWINGS ARE NOT INDICATIVE OF SOME MINOR MODIFICATIONS NECESSARY TO PERFORM THE SCOPE OF WORK, I.E. THE MOUNTING OF SUPPORTS, BRACKETS, AND THE LIKE. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS AND LABOR TO PERFORM THE SCOPE OF WORK SUCH THAT THE END RESULT IS A COMPLETE AND OPERATIONAL SYSTEM, AS APPROVED BY DMVA.
8. DATA OUTLETS SHOWN ON THESE PLANS SHALL CONSIST OF SINGLE OUTLET BOX, CAT6 CABLES IN 1" CONDUIT UP TO NEAREST ACCESSIBLE CEILING, WITH BUSHING, AND EXTEND CABLES TO PATCH PANEL IN DATA RACK VIA J-HOOKS. PROVIDE 4 PORT COVER, QTY OF CABLES INDICATED BY SYMBOL.
9. DUCT SMOKE DETECTORS LOCATED IN THE SUPPLY AND/OR RETURN DUCTS SHALL BE FURNISHED AND INSTALLED BY THE H.C., WIRED BY E.C..
10. IN GENERAL, SYMBOLS INSIDE A BOX ARE SURFACE MOUNTED. SYMBOLS WITHOUT THE SURROUNDING BOX ARE CONSIDERED TO BE FLUSH MOUNTED. ALL NEW DEVICES IN FINISHED AREAS SHALL BE FLUSH MOUNTED IN THE NEW FURRED OUT PARTITION. IF EQUIPMENT IS TO REMAIN, AND WALLS ARE BEING FURRED OUT, THE CONTRACTOR SHALL REMOVE EXISTING SURFACE BOXES, PROVIDE NEW FLUSH MOUNTED BOXES, AND EXTEND AND CONNECT EXISTING CIRCUIT AS REQUIRED FOR PROPER OPERATION.
11. ALL CAT6 CABLE SHALL BE ROUTED TO IT UNLESS NOTED OTHERWISE.
12. IN GENERAL, ALL LIGHTING, SWITCHING, AND MISC. DEVICES SHALL BE NEW UNLESS NOTED OTHERWISE (UNO). EXISTING CONDUIT, WIRE, AND BOXES CAN BE RE-USED IF IN GOOD CONDITION, MODERN THHN INSULATION, AND IN CLOSE PROXIMITY TO WHERE THEY ARE REQUIRED. HOWEVER, ALL EXISTING RECEPTACLES SHALL REMAIN UNLESS NOTED OTHERWISE.
13. IF SURFACE MOUNTING IS REQUIRED, SURFACE MOUNTED EMT CONDUIT SHALL BE USED, UNLESS SPACE REQUIRES THREADED RGS. ELECTRICAL RACEWAYS SHALL BE CONCEALED IN CONSTRUCTION WHEREVER POSSIBLE.
14. ALL NEW OUTLETS, SWITCHES, DATA PORTS, AND WALL SENSORS SHALL BE MOUNTED 48" TOB.
15. THE ELECTRICAL CONTRACTOR (E.C.) SHALL PROVIDE IN THEIR BID, 160 HOURS LABOR AND ALL MATERIALS, EQUIPMENT, AND/OR SUPPLIES TO PROVIDE ELECTRICAL TRACING, AND NEW TYPED PANEL SCHEDULES AFTER BRANCH CIRCUITS HAVE BEEN EXTENDED TO PANELS. PANEL SCHEDULES SHALL BE AS ACCURATE AS POSSIBLE AND/OR PRACTICAL. AS BUILT DRAWINGS SHALL BE PROVIDED WHICH REFLECTS UPDATED ELECTRICAL DISTRIBUTION (RISER), PANEL SCHEDULES AND/OR BRANCH CIRCUITING TO THE EXTENT POSSIBLE. THIS REQUIREMENT IS EXCLUSIVE OF AND SEPARATE FROM, THE CONTRACTORS STANDARD REQUIREMENT FOR PANEL SCHEDULES AND STANDARD AS-BUILT DRAWINGS, WHICH SHALL BE INCLUDED AS WELL. THE CONCENTRATION SHOULD BE ON THE DISTRIBUTION SYSTEM TO ALLOW FOR AN ACCURATE ARC FLASH/COORD./SHORT CIRCUIT STUDY FOR THE AREA WITHIN THE SCOPE OF WORK (COMPLETE TO INCLUDE ALL EXISTING AND NEW). THE REMAINDER OF TIME SHALL BE USED ON ACCURATE BRANCH CIRCUITS AND PANEL SCHEDULES DURING THE DEMOLITION AND/OR NEW CONSTRUCTION PHASE.
16. ALL RECEPTACLE BRANCH CIRCUITING AND DATA OUTLETS SHALL ALL BE NEW AND SHALL NOT RE-USE EXISTING CONDUIT AND/OR CONDUCTORS.
17. ALL NEW DEVICE BOXES (RECEPTACLE, SWITCH, AND DATA) SHALL BE DOUBLE GANG. PROVIDE APPROPRIATE COVER PLATES AS NECESSARY.
18. PROVIDE NEW, TYPED PANEL BOARD SCHEDULES FOR ALL PANELS AFFECTED BY SCOPE OF WORK, WHETHER NEW BRANCH CIRCUITS WERE ADDED OR BRANCH CIRCUITS REMOVED BY DEMOLITION. CONTRACTOR SHALL MAINTAIN ACCURATE RECORDS OF ALL MODIFICATIONS SO PANEL BOARD SCHEDULES WILL BE AS ACCURATE AS PRACTICAL.

NO.	DESCRIPTION	DATE
	REVISIONS	

Professional's Signature Date



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.

COMMONWEALTH OF PENNSYLVANIA
DEPT. OF MILITARY & VETERAN'S AFFAIRS
ANNVILLE, PENNSYLVANIA 17003

DESIGN PROFESSIONALS:
OFFICE OF FACILITIES AND ENGINEERING
BUREAU OF DESIGN AND PROJECT MANAGEMENT
BLDG. 0-10, 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

BB2 DEMOLITION

DRAWN BY	DATE	DRAWING NO.
B. BARGER	14 OCT 2022	E.2.0
CHECKED BY	SCALE	
D. HEALEY	AS NOTED	