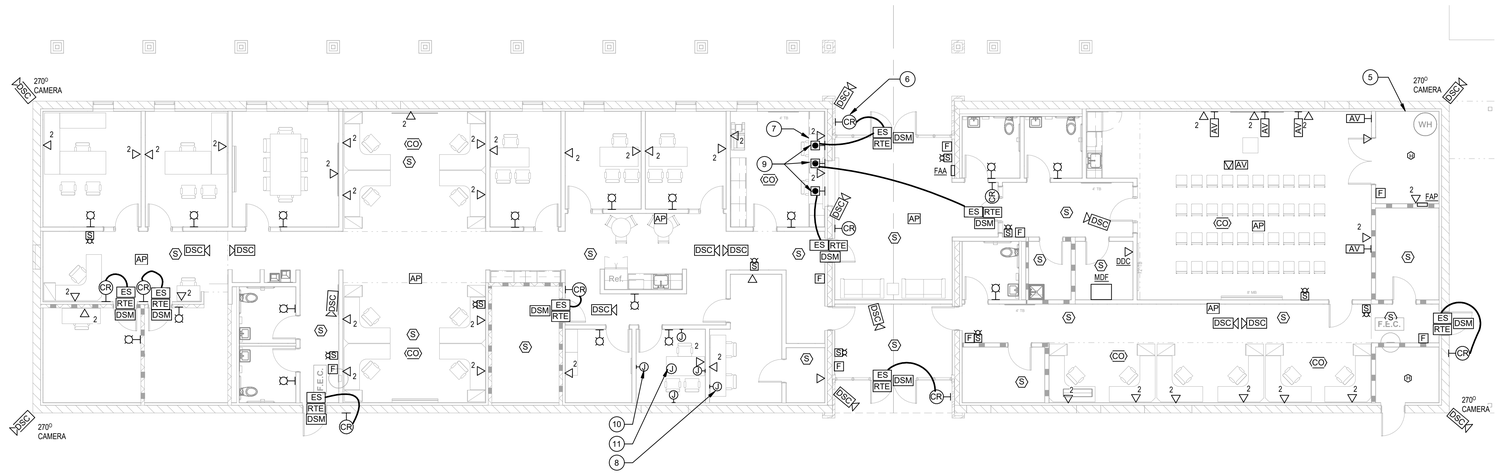
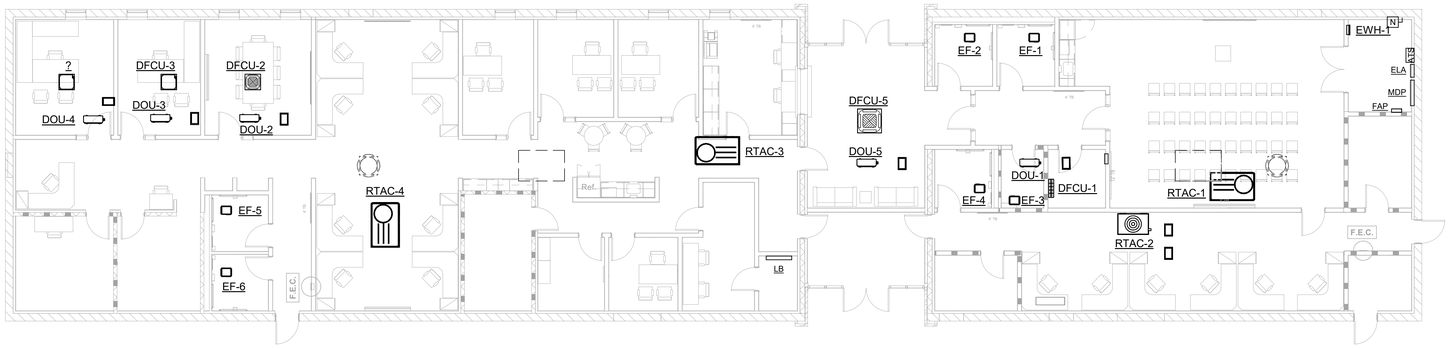
0"
1"

ELECTRICAL LOW VOLTAGE AND MECHANICAL POWER FLOOR PLAN
E201
FOR BLUEBEAM LABELING/OCR:



NEW WORK LOW VOLTAGE PLAN
SCALE: 1/8" = 1'-0"



NEW WORK POWER MECHANICAL PLAN
SCALE: 1/8" = 1'-0"

NOTES: (THIS SHEET ONLY)

1. GENERAL: ALL AUDIO-VISUAL, VOICE, AND DATA CIRCUITS SHALL BE ROUTED IN CONDUIT FROM OUTLET/DEVICE TO JUMBO J-HOOK SYSTEM ABOVE CORRIDOR CEILING. CABLES SHALL BE ROUTED VIA J-HOOK SYSTEM TO DESTINATION. CONTRACTOR SHALL PROVIDE JUMBO J-HOOKS MOUNTED ON FOUR FEET CENTERS ON BOTH SIDES OF THE CORRIDOR WALLS FOR CABLE ROUTING.
2. GENERAL: ALL DATA DEVICES SHOWN ON THIS SHEET SHALL BE TERMINATED IN MDF.
3. GENERAL: FIRE ALARM SYSTEM DEVICES SHOWN ON DRAWING WITH NO CABLING FOR CLARITY. FIRE ALARM SYSTEM CABLING SHALL BE ROUTED IN DEDICATED CONDUIT SYSTEM PER SPECIFICATIONS.
4. GENERAL: CONNECT ALL THE ACCESS CONTROL SYSTEM COMPONENTS SHOWN INCLUDING CARD READER, INTERFACE FOR ELECTRIC STRIKE, REQUEST-TO-EXIT DEVICE, AND DOOR STATUS MONITOR TO ACCESS CONTROL PANEL (ACP) WITH SPECIFIED BUNDLED CABLING IN 1" CONDUIT. ROUTE RACEWAY CONCEALED IN WALL AND IN DOOR FRAME CAVITY. MAKE ALL CONNECTIONS.
5. CONNECT FLOW AND TAMPER SWITCHES BY DIVISION 22 TO THE FIRE ALARM SYSTEM.
6. PROVIDE SPECIFIED DOOR INTERCOM STATION IN IN-WALL GANG BOX. INSTALL ADJACENT TO THE CARD READER.
7. PROVIDE SPECIFIED DOOR MASTER INTERCOM STATION AT THIS LOCATION.
8. MOUNT @18" AFF. PROVIDE 2 1/2"C TO ABOVE CEILING CAVITY FOR AUDIO VISUAL CABLING TO 1" CONDUIT TO INTERVIEW ROOM.
9. PROVIDE SPECIFIED ACCESS CONTROL SYSTEM PUSH BUTTONS FOR DOOR RELEASE.
10. MOUNT @48" AFF. PROVIDE 1"C TO ABOVE CEILING CAVITY FOR AUDIO VISUAL CABLING TO 2 1/2" CONDUIT TO CONTROL ROOM.
11. MOUNT IN CEILING. PROVIDE 1"C TO ABOVE CEILING CAVITY FOR AUDIO VISUAL CABLING TO 2 1/2" CONDUIT TO CONTROL ROOM.

MECHANICAL EQUIPMENT POWER SCHEDULE

MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
DFCU-1	208V/1PH	30A/2P/NEMA 1	MDP-16	6,7
DFCU-2	208V/1PH	30A/2P/NEMA 1	LB-43	6,7
DFCU-3	208V/1PH	30A/2P/NEMA 1	LB-42	6,7
DFCU-4	208V/1PH	30A/2P/NEMA 1	LB-46	6,7
DFCU-5	208V/1PH	30A/2P/NEMA 1	MDP-23	6,7
DOU-1	208V/1PH	30A/2P/NEMA 3R	MDP-16	6,7
DOU-2	208V/1PH	30A/2P/NEMA 3R	LB-43	6,7
DOU-3	208V/1PH	30A/2P/NEMA 3R	LB-42	6,7
DOU-4	208V/1PH	30A/2P/NEMA 3R	LB-46	6,7
DOU-5	208V/1PH	30A/2P/NEMA 3R	MDP-23	6,7
EF-1	120V/1PH	MOTOR RATED SWITCH	MDP-14	1,2,3,5
EF-2	120V/1PH	MOTOR RATED SWITCH	MDP-14	1,2,3,5
EF-3	120V/1PH	MOTOR RATED SWITCH	MDP-14	1,2,3,5
EF-4	120V/1PH	MOTOR RATED SWITCH	MDP-14	1,2,3,5
EF-5	120V	INTEGRAL DISCONNECT	LB-41	1,2,4,5
EF-6	120V	INTEGRAL DISCONNECT	LB-41	1,2,4,5
RTAC-1	208V/3PH	BY MECH.	MDP-17	1,8,9
RTAC-2	208V/3PH	30A/3P/NEMA 3R	MDP-20	7,9
RTAC-3	208V/3PH	BY MECH.	LB-47	1,8,9
RTAC-4	208V/3PH	BY MECH.	LB-50	1,8,9

1. DISCONNECT BY DIVISION 23.
2. WIRE THRU SPEED CONTROLLER BY DIVISION 23.
3. CONTROL BY MOTION DETECTOR PROVIDED BY DIVISION 23.
4. WIRE THRU LINE VOLTAGE CONTACTOR BY DIVISION 23.
5. CIRCUIT SHARED BY OTHER EQUIPMENT.
6. ROUTE CIRCUIT FROM DOU TO DFCU PER MANUFACTURER'S INSTRUCTIONS. CIRCUIT CONFIGURATION IS FOR THE BASIS OF DESIGN EQUIPMENT. COORDINATE EXACT REQUIREMENTS WITH THE MANUFACTURER'S INSTRUCTIONS.
7. ROUTE CIRCUIT THROUGH PIPE BOX IN ROOF BY DIVISION 23.
8. CONTRACTOR SHALL ROUTE ALL POWER CONCEALED WITH MECHANICAL ROOF CURB. CONTRACTOR SHALL ROUTE UTILITIES IN FACTORY DESIGNATED LOCATIONS. UNDER NO CIRCUMSTANCE SHALL CONTRACTOR CUT OPENINGS IN THE BOTTOM OF UNIT. FIELD CUTTING OF UNIT SHALL RESULT IN REJECTION OF UNIT AND NEW UNIT SHALL BE PROVIDED AT NO ADDITIONAL COST TO OWNER.
9. PROVIDE SINGLE POINT POWER CONNECTION TO UNIT'S INTEGRAL DISCONNECT. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIED.
10. LOCATE DISCONNECT AS CLOSE AS POSSIBLE TO UNIT BEING SERVED WHILE MAINTAINING NEC WORKING CLEARANCES.
11. WIRE THRU INTERNAL DISCONNECT PROVIDED WITH EQUIPMENT.
12. CONTROLLED THROUGH INTEGRAL THERMOSTAT AS FURNISHED BY DIV 23.

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HCS - SRO Offices - Warhawk Fieldhouse Modifications
47 LEMON STREET MCDONOUGH, GA 30253

BID SET

HENRY COUNTY SCHOOLS

NORTH

GEORGIA REGISTERED No. 17029 PROFESSIONAL ENGINEER JAMES A. PARKER, JR.

CLIENT: HENRY COUNTY SCHOOLS
DATE: 06 / 18 / 2026
PROJECT NUMBER: 250306

DRAWING HISTORY

No.	Description	Date

CHECKED BY: NHO
DRAWN BY: CTS

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Plot Stamp:
6/18/2026 11:05:40 AM