

1 CRAWLSPACE DOMESTIC DEMOLITION PLAN
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. REFER TO P-001 FOR PLUMBING GENERAL NOTES.

KEYNOTES:

1. DEMOLISH EXISTING ELECTRIC WATER HEATER AND ASSOCIATED PIPING BACK TO NEAREST ACTIVE MAIN AS INDICATED, CAP PIPING AT MAIN.
2. DEMOLISH EXISTING PIPING AS INDICATED AND PREPARE FOR RECONNECTION.



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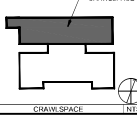


CAMPBELL UNIVERSITY
POWELL HALL
 HVAC AND PLUMBING RENOVATION
 84 DAY DORM ROAD
 BUJES CREEK, NC 27506
 CONSTRUCTION DOCUMENTS

SEAL



KEY PLAN



REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: SDP
 APPROVED BY: CCC
 CHECKED BY: CHM
 DATE: 09/20/2025

TITLE
**CRAWLSPACE
 DOMESTIC
 DEMOLITION PLAN
 AREA A**

PROJECT NO. 50180XMS

PD101

SHEET NO.

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PUMP SCHEDULE								
MARK	DESCRIPTION	FLOW RATE	DESIGN HEAD	ELECTRICAL DATA			COMMENTS	
				AMPS	VOLTS	PHASE		
OP-1	SHWR INLINE CIRCULATION PUMP	4 GPM	30 FT	2	115	1	60	TACO 9004-SPZ INLINE ECM STAINLESS STEEL CIRCULATION PUMP. PROVIDE WITH 3/4" CONNECTIONS AND STAINLESS STEEL CASING FOR POTABLE WATER SYSTEMS. PROVIDE WITH TACO COMPATIBLE AQUASAT, REFER TO DETAIL A1P-031 FOR MORE INFORMATION.

MODELS LISTED ARE BASIS OF DESIGN (SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS LIST).

THERMOSTATIC MIXING VALVE SCHEDULE						
MARK	DESCRIPTION	PIPE SIZES	INLET & OUTLET TEMP	DESIGN FLOW	PRESSURE DROP AT FLOW	COMMENTS
TMV-1	MASTER BATHROOM THERMOSTATIC MIXING VALVE	1/2" IN 3/4" OUT	140° IN 120° OUT	33 GPM	10 PSI	LEONARD TACO 640-PT-RT 480-000 (BIMETALLED) THERMOSTATIC MIXING VALVE. MINIMUM 1.0 GPM FLOW RATE WITH INLET CIRCULATION AND INLET THERMOMETERS, ASSE 1017 CERTIFIED.

GAS-FIRED WATER HEATER SCHEDULE							
MARK	DESCRIPTION	STORAGE	RECOVERY @ 100°F	INPUT ENERGY	THERMAL EFFICIENCY	ELECTRICAL	COMMENTS
GWH-1	GAS-FIRED CONDENSING WATER HEATER	100 GALLONS	266 GALLONS PER HOUR	199,000 BTU/HOUR	90%	120 VOLT 1 PHASE 20 AMPS	AO SMITH CYCLONE 674-189(A). PROVIDE WITH CONDENSATE NEUTRALIZATION KIT.

- NOTES:
1. FURNISH 120V, 20A DISCONNECT TO ELECTRICAL CONTRACTOR FOR INSTALLATION. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 2. PROVIDE WITH MAGNET ASFTV CAPABILITY FOR CONNECTION TO BUILDING AUTOMATION SYSTEM. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 3. PROVIDE WITH VESSEL HEAD EXPANSION STYLE THERMAL EXPANSION TANK WITH MINIMUM 11 GALLONS ACCEPTANCE VOLUME.
 4. PROVIDE WITH OPTIONAL CONDENSATE NEUTRALIZATION KIT FROM MANUFACTURER.
 5. PROVIDE WITH CPVC SCHEDULE 40 CONCENTRIC FLUE AND INTAKE PIPE PER MANUFACTURERS RECOMMENDATIONS AND AS ROUTED ON PLANS.



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5/21/2008

KEY PLAN

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

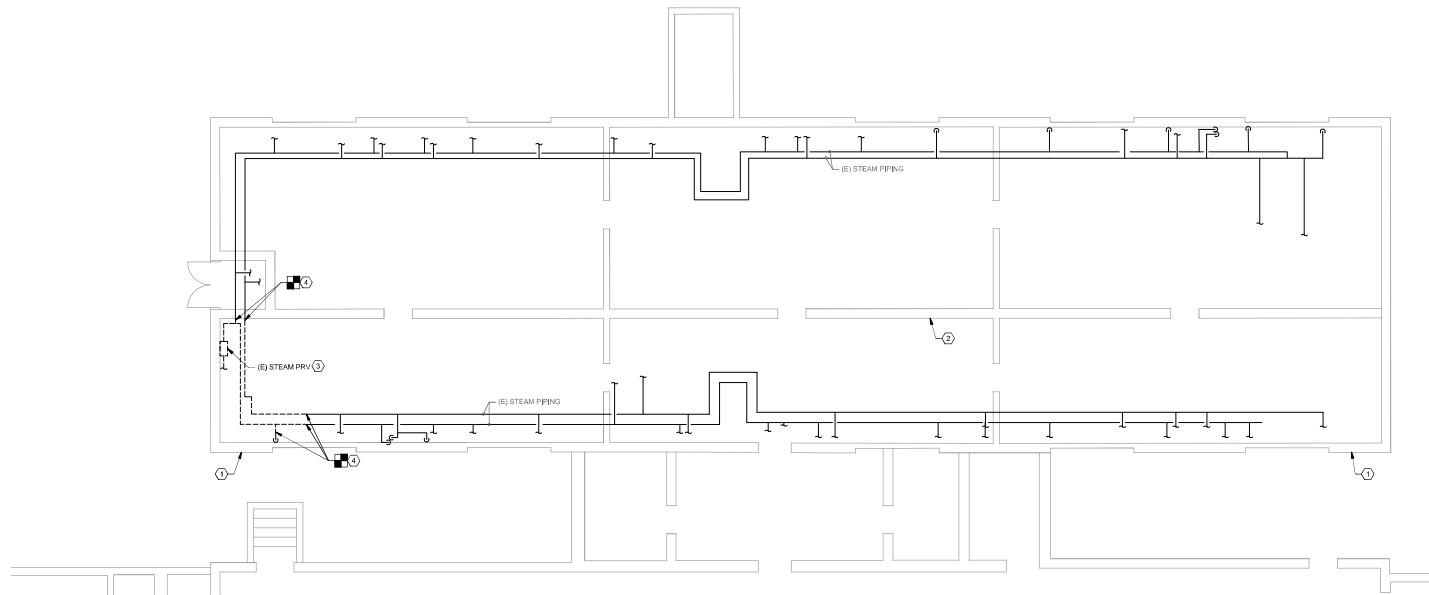
NO. DESCRIPTION DATE
 DRAWN BY SDD
 APPROVED BY CCG
 CHECKED BY CPH
 DATE 05/20/2008

TITLE SCHEDULES

PROJECT NO. 00180045

P-601

SHEET NO.



1 CRAWLSPACE MECHANICAL DEMOLITION PLAN
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

- STEAM SUPPLY TO POWELL HALL LOCATED OUTSIDE OF BUILDING, COORDINATE WITH CAMPBELL UNIVERSITY FACILITIES TO SHUT OFF STEAM TO BUILDING.
- DEMOLISH STEAM PIPING IN CRAWLSPACE AS NEEDED TO MAKE ROOM FOR NEW CONSTRUCTION.

KEYNOTES:

- CRAWLSPACE ACCESS DOOR LOCATED HERE.
- REMOVE ALL DRIVER UNIT IN THE VICINITY OF THE ELECTRICAL PANEL, REPAIR AND REPLACE DRY VENT HOSE AS REQUIRED, CONNECT ALL LOOSE VENT HOSES BACK TO VENT CAPS ON EXTERIOR WALL OF CRAWLSPACE.
- STEAM PIPING TO BE ABANDONED IN PLACE, AFTER STEAM SUPPLY TO BUILDING IS SHUT OFF, ALLOW STEAM SYSTEM TO COOL AND DRAIN SYSTEM OF CONDENSATE, DISCONNECT STEAM SUPPLY PIPING FROM PRESSURE REDUCING STATION AND CAP PIPING END.
- DEMOLISH STEAM PIPING FROM POINT INDICATED.



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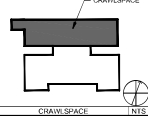


CAMPBELL UNIVERSITY
POWELL HALL
 HVAC AND PLUMBING RENOVATION
 84 DAY DORM ROAD
 BUJES CREEK, NC 27506
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KEY PLAN



REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CDB
 APPROVED BY: KSC
 CHECKED BY: WHH
 DATE: 09/29/2018

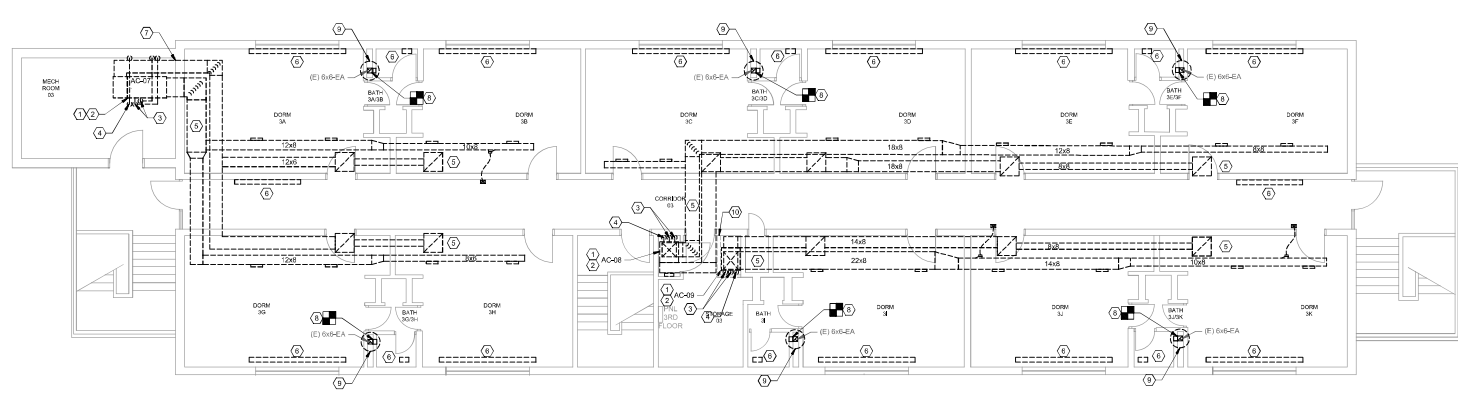
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CRAWLSPACE MECHANICAL DEMOLITION PLAN

PROJECT NO. 10180405

MD101

SHEET NO.

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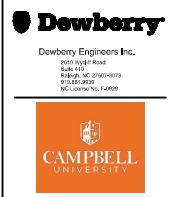
1 THIRD FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

GENERAL NOTES:

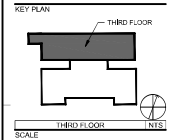
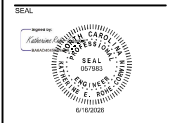
1. ACT CEILING AND SOFFIT TO BE DEMOLISHED BY CAMPBELL UNIVERSITY FACILITY SERVICES. REMOVE AND STORE CEILING TILES TO PERFORM WORK COORDINATE CEILING SCOPE WITH CAMPBELL UNIVERSITY.

KEYNOTES:

1. PRIOR TO DEMOLITION OF SPI IT SYSTEMS, CONTRACTOR SHALL RECOVER AND DISPOSE OF ALL REFRIGERANT IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
2. DEMOLISH AIR CONDITIONING UNIT IN ITS ENTIRETY, DISCONNECT DUCT WORK PIPING AND LINESET, DEMOLISH POWER AND CONTROL EQUIPMENT AND WIRING INCLUDING BUT NOT LIMITED TO SPACE THERMOSTATS.
3. DEMOLISH REFRIGERANT LINESET FROM THE INTERIOR UNIT TO THE EXTERIOR UNIT, PATCH AND PAINT WALL PENETRATIONS WITH LIKE MATERIALS; REFER TO DETAIL.
4. DEMOLISH CONDENSATE PIPING FROM POINT INDICATED TO LOCATION OF DISCHARGE TO GRADE, PATCH AND PAINT WALL PENETRATIONS WITH LIKE MATERIALS.
5. DEMOLISH DUCT WORK IN ITS ENTIRETY.
6. DEMOLISH STEAM RADIATOR, DEMOLISH STEAM PIPE LEVEL WITH FLOOR SURFACE, PROVIDE FLOOR PLATE TO COVER PIPE, MOUNT FLUSH WITH FLOOR, COORDINATE WITH GENERAL CONTRACTOR TO COVER NEWLY EXPOSED FLOOR AND WALL.
7. PATCH MECHANICAL ROOM MASONRY WALL WITH LIKE MATERIALS, PROVIDE SLEEVES FOR WIRING, PIPING, AND OTHER UTILITIES AS NEEDED TO CREATE SMOKE TIGHT WALL.
8. DEMOLISH TOILET ROOM EXHAUST GOBBLE AND CAP BUUCT, PATCH AND PAINT WALL TO MATCH ADJACENT FINISH.
9. DEMOLISH ROOF MOUNTED EXHAUST FAN, DEMO POWER AND CONTROL WIRE AND DISCONNECT, ROOF CURB TO REMAIN FOR REUSE.
10. DEMOLISH PLYWOOD ENCLOSURE AROUND AC, PATCH AND PAINT WALL TO MATCH ADJACENT FINISH.



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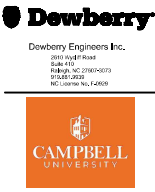
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APPROVED BY: KSC
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DATE: 09/29/2020

THIRD FLOOR MECHANICAL DEMOLITION PLAN

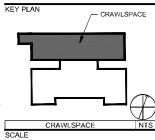
PROJECT NO. 50193045

MD131
SHEET NO.

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 HVAC AND PLUMBING RENOVATION
 84 DAY DORM ROAD
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REVISIONS

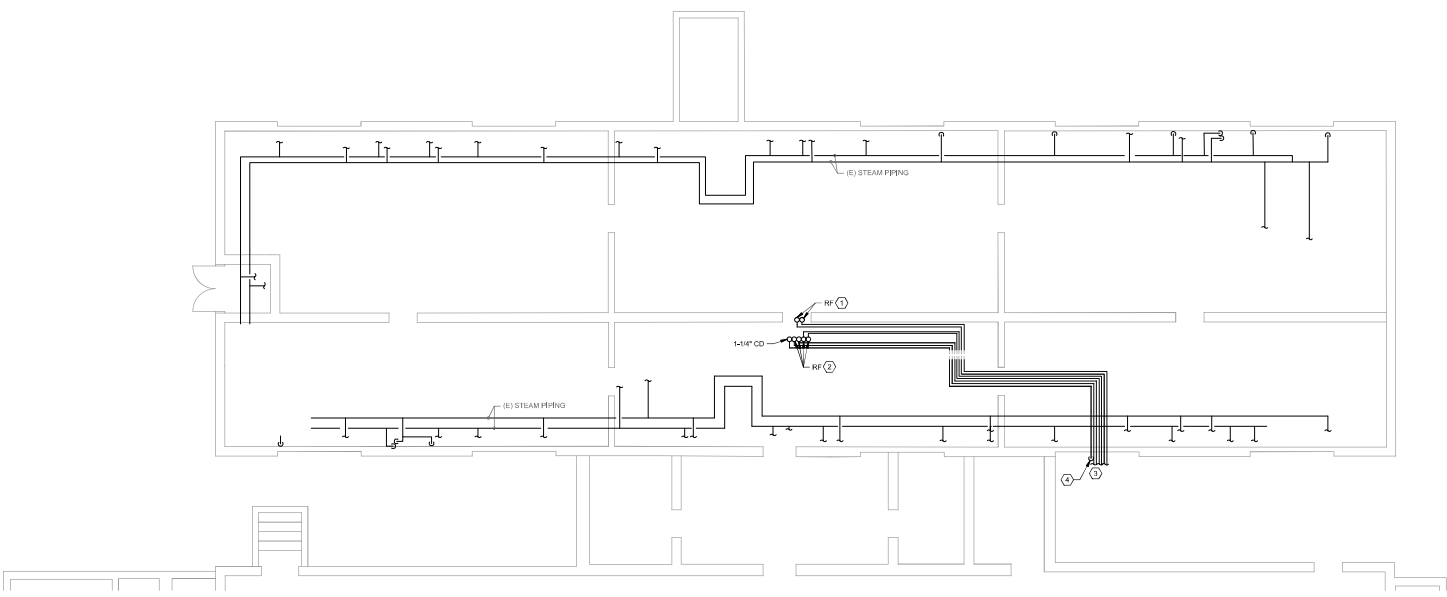
NO.	DESCRIPTION	DATE
1	DOAS RELOCATION	8/11/20

DRAWN BY: CDB
 APPROVED BY: JSC
 CHECKED BY: WHH
 DATE: 09/29/2020

TITLE
CRAWLSPACE MECHANICAL NEW WORK PLAN

PROJECT NO. 1019045

M-101
 SHEET NO.



1 CRAWLSPACE MECHANICAL NEW WORK PLAN
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. DEMOLISH STEAM AND CONDENSATE PIPING IN CRAWLSPACE AS NEEDED TO MAKE ROOM FOR NEW CONSTRUCTION.

KEYNOTES:

- UP TO FCIA-1.
- UP TO FCIA-1 AND FCIA-2.
- PROVIDE REFRIGERANT LINESET FROM CONDENSING UNITS TO INDOOR UNITS. SEE FIRST FLOOR FOR CONTINUATION.
- DISCHARGE CONDENSATE @ ABOVE GRADE USING EXISTING CRAWLSPACE PENETRATIONS FROM DEMOLISHED UNITS. PROVIDE SPLASH BLOCK.

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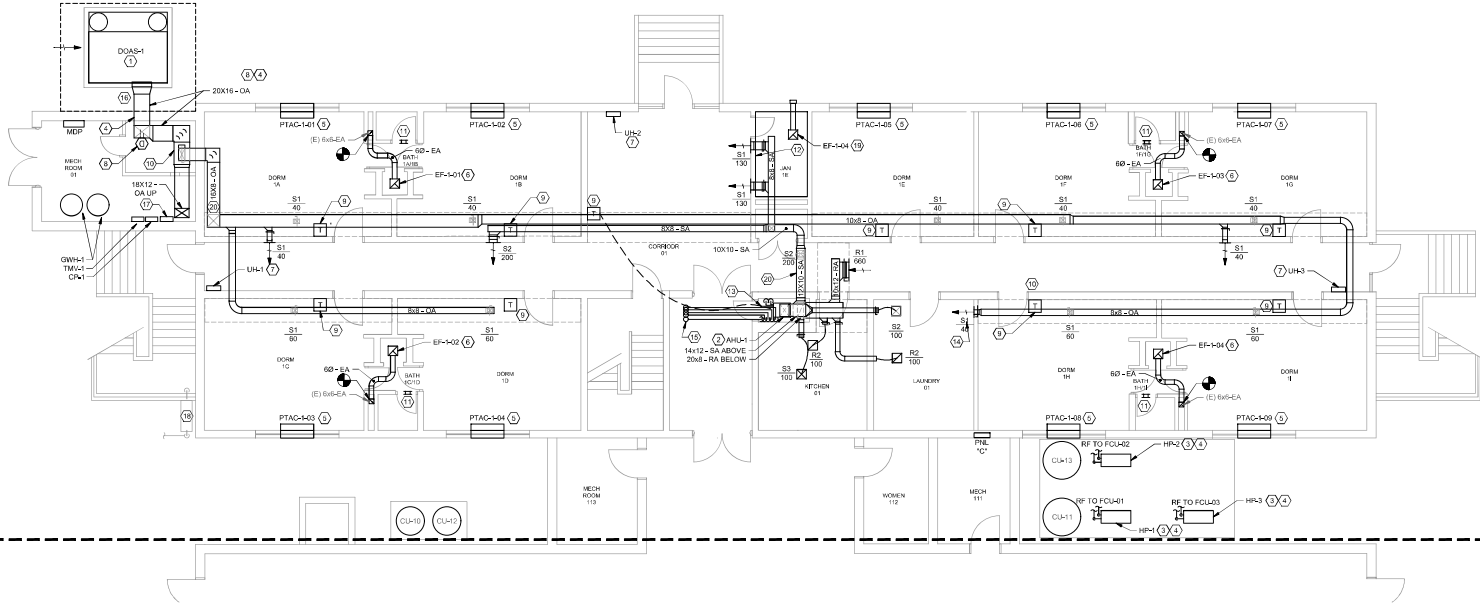
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1 FIRST FLOOR MECHANICAL NEW WORK PLAN AREA A
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

- COORDINATE WITH GENERAL CONTRACTOR FOR PENETRATIONS, DUCT SHAFTS, SOFFITS, AND CEILINGS.

KEYNOTES:

- PROVIDE DOAS, PROVIDE POWER AND CONTROL WIRING AND DISCONNECTING MEANS, LOCATE DOAS TO MEET ALL EQUIPMENT CLEARANCES, PROVIDE 4" DEEP CONCRETE PAD WITH CRUSHED GRAVEL BASE, PAD SHALL BE 6" LONGER AND WIDER THAN UNIT FOOT PRINT. PROVIDE OA DUCT, ROUTE TO GRAV SPACE AS SHOWN, PROVIDE BRICK LINTEL. SEE DETAILS FOR MORE INFORMATION.
- PROVIDE FAN COIL UNIT, PROVIDE DUCTWORK COMPLETE WITH INSULATION, SUPPORTS, AND ACCESSORIES AND ROUTE AS SHOWN.
- PROVIDE CONDENSING UNIT MOUNT TO EXISTING CONCRETE PAD, PROVIDE POWER AND CONTROL WIRE AND DISCONNECTING MEANS.
- EXTERIOR WALL PENETRATION, COORDINATE WITH GENERAL CONTRACTOR FOR WALL PENETRATION.
- PROVIDE PTAC WITH WALL SLEEVE AND SUBBASE, INSTALL PER MANUFACTURER'S INSTRUCTIONS, COORDINATE WITH GENERAL CONTRACTOR FOR WALL PENETRATION LINTEL.
- PROVIDE EXHAUST FAN, ROUTE DUCT TO EXISTING DUCT

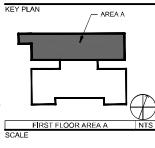
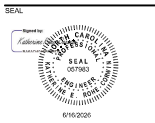
- REFER TO LOCATED IN PLUMBING CHASE.
- PROVIDE UNIT HEATER WITH INTEGRAL THERMOSTAT, SURFACE MOUNT ON CONCRETE BLOCK WALL PER MANUFACTURER'S INSTRUCTIONS.
- PROVIDE DUCT DETECTOR AND HARDWARE TO DOAS OR SMOKE SHUT-DOWN, PROVIDE 10X6 HINGED DOOR ACCESS.
- PROVIDE THERMOSTAT AT 48" AFF, PROVIDE WIRE-MOLD FOR CONTROL WIRING EXPOSED BENEATH THE CEILING.
- OA DUCT DOWN INTO MECHANICAL ROOM, ROUTE TO EXISTING FLOOR PENETRATION FROM DEMO BHEFD TRASH SHOOT, RESIST FLOOR PENETRATION AS NEEDED, PROVIDE SLEEVE AT FLOOR PENETRATION, ROUTE DUCT INTO BUILDING THROUGH EXISTING WALL OPENING, W/LL AND ISOLATE WALL AROUND DUCT AND PROVIDE A WALL SLEEVE.
- PROVIDE OPENING ABOVE TOILET DOOR BY REMOVING THE WOOD PANEL TRIMMING, OR PROVIDE SUB TRANSFER

- GRILLE CENTERED OVER TOILET ROOM FLOOR, 74" AFF.
- PROVIDE FAN SWITCH ADJACENT TO LIGHT SWITCH, MOUNT AT 48" AFF.
- ROUTE CONDENSATE TO CONDENSATE RISER FROM FCL2.3, PROVIDE WIRE INTO RISER, ROUTE CONDENSATE DOWN TO GRAV SPACE, PROVIDE ESCORTION TO COVER FLOOR PENETRATION.
- PROVIDE SUPPLY GRILLE AT 8" AFF BY BOTTOM OF GRILLE, PROVIDE SUB ACCESS DOOR BELOW SUPPLY GRILLE FOR ACCESS TO VOLUME DAMPER, AFTER ALL BRANCHES, TRANSFER TO 19X19, SEE SHEET M-11 FOR CONTINUATION, COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE DUCT CHASE AND ACCESS DOOR IN CHASE.
- UP TO FCL2-3, ROUTE ABOVE CEILING.
- PROVIDE EXTERIOR OA DUCT WITH ALUMINUM JACKETING.
- PROVIDE NETWORK CONTROL PANEL, PROVIDE 120V

- POWER AND DATA WIRING.
- GAS METER, REFER TO PLUMBING PLANS FOR MORE INFORMATION.
- PROVIDE EXHAUST FAN, PROVIDE POWER AND CONTROL WIRE, PROVIDE EXHAUST DUCT, ROUTE TO EXTERIOR WALL AND PROVIDE WALL VENT WITH BRD SCREEN AND BACKDRAFT DAMPER.
- DUCT ROUTED UP BETWEEN JOISTS.



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REVISIONS

NO.	DESCRIPTION	DATE
1	DOAS RELOCATION	8/11/20
	DESCRIPTION	DATE

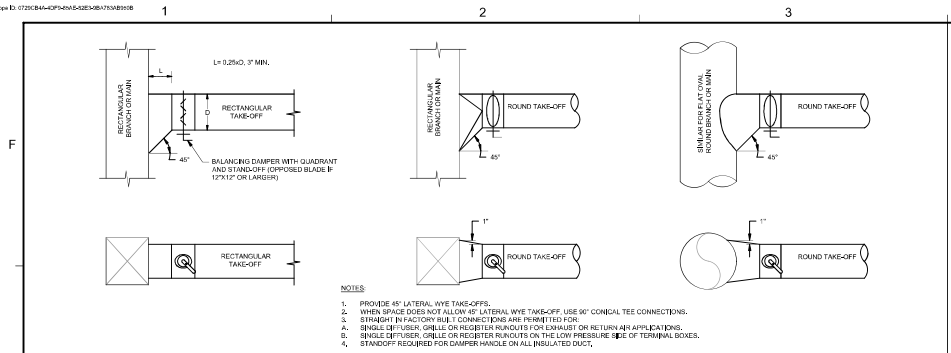
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 APPROVED BY: JSC
 CHECKED BY: WHH
 DATE: 09/29/2020

TITLE
FIRST FLOOR MECHANICAL NEW WORK PLAN AREA A

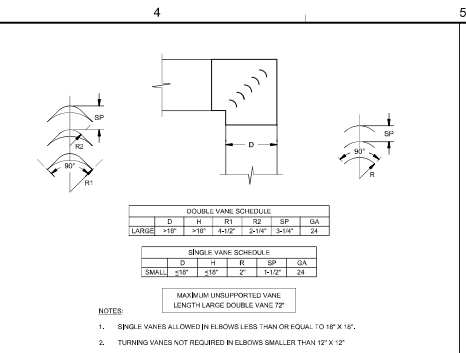
PROJECT NO. 50193045

M-111
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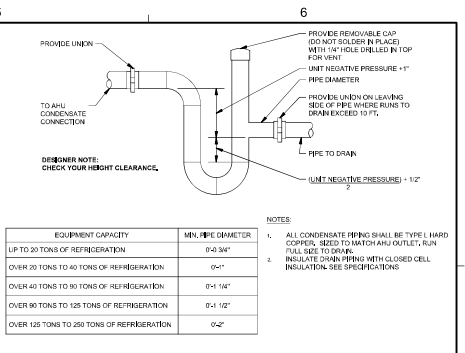
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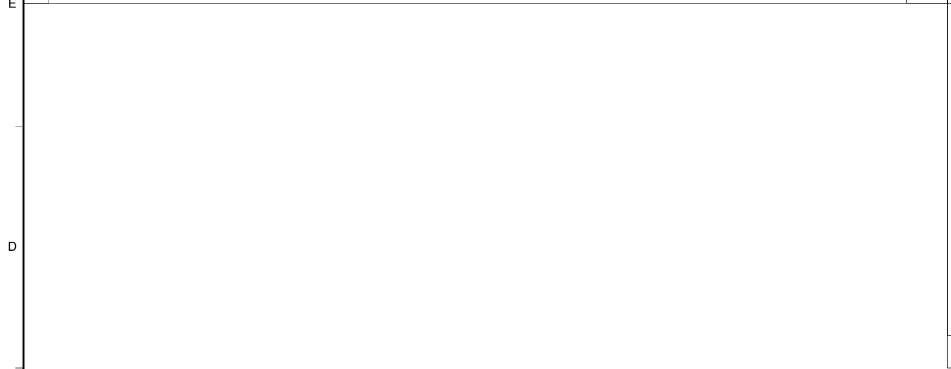
1 DUCT 45° LATERAL TAKE-OFF SCALE: NTS 23313-206



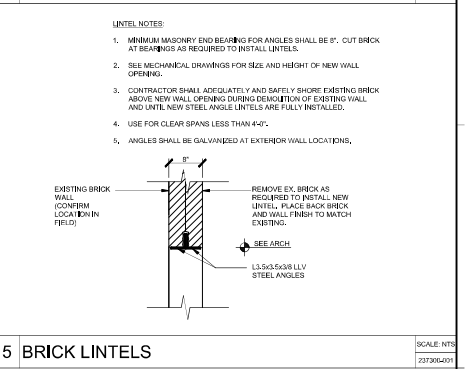
2 DUCT MITERED 90° ELBOW SCALE: NTS 23313-207



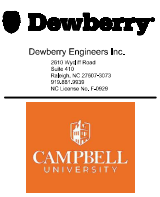
3 AHU DRAIN TRAP - DRAW THROUGH SCALE: NTS 23330A-001



4 BRICK LINTELS SCALE: NTS 23330A-001



5 BRICK LINTELS SCALE: NTS 23330A-001



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 HVAC AND PLUMBING RENOVATION
 84 DAY DORM ROAD
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 CONSTRUCTION DOCUMENTS



KEY PLAN

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE
 DRAWN BY CDB
 APPROVED BY KSC
 CHECKED BY WHH
 DATE 09/20/2028

TITLE

DETAILS

PROJECT NO. 50183045

M-502

SHEET NO.

DEDICATED OUTDOOR AIR UNIT SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL, TYPE, DRIVE TYPE, CAPACITY, CONNECT, SINGLE FAN, DEHUMIDIFICATION, COOLING CAPACITY, TOTAL SENSIBLE, SENSIBLE, EER, NUMBER, HEATING CAPACITY, REHEAT CAPACITY, ELECTRICAL, MAX SOUND, DIMENSIONS AND WEIGHT, NOTES.

- NOTES: 1. REFER TO SECTION 237433 FOR ADDITIONAL REQUIREMENTS. 2. MAX COOLING COIL FACE VELOCITY = 500 FPM. 3. PROVIDE SINGLE-POINT ELECTRICAL CONNECTION AND FUSED-DISCONNECT. 4. PROVIDE SCR CONTROLLER FOR ELECTRIC HEATING COILS. 5. PROVIDE LOW AMBIENT COOLING OPERATION DOWN TO -20 DEG F. OUTFIT WITH HIGH OUTPUT CONDENSING FANS AND LOW AMBIENT REFRIGERANT CIRCUIT. 6. PROVIDE HALL GUARD FOR CONDENSING COIL. 7. PROVIDE CONCRETE AND THAT IS 6-INCHES LONGER AND WIDER THAN UNIT FOOTPRINT AND 4-INCHES DEEP WITH 4-INCHES DEEP CURBED STONE BASE. 8. PROVIDE MODULATING INVERTER COMPRESSOR CIRCUIT FOR MAINTAINING DEWPOINT CONTROL. OF 50°F WITH HOT GAS REHEAT TO MAINTAIN 60°F. 9.

FAN COIL UNIT SCHEDULE

Table with columns: MARK, TYPE, MANUFACTURER / MODEL, SUPPLY AIR FAN, FAN SPEED, ESP, NOMINAL MOTOR, VOLTAGE, OUTSIDE AIR, COOLING COIL, REHEAT COIL, ELECTRICAL, DIMENSIONS AND WEIGHT, NOTES.

- NOTES: 1. REFER TO SECTION 238219 FOR ADDITIONAL REQUIREMENTS. 2. MAX COOLING COIL FACE VELOCITY = 500 FPM. 3. PROVIDE MOTOR-RATED DISCONNECT SWITCH. 4. PROVIDE COMBINATION MOTOR-STARTER AND DISCONNECT SWITCH. 5. PROVIDE AUXILIARY HEATER KIT (FAHR). 6. PROVIDE W/RED THERMOSTAT. REACTE THERMOSTAT NOT ACCEPTABLE. 7. REFER TO CONDENSING UNIT SCHEDULE FOR ASSOCIATED COIL CONDENSING UNIT.

CONDENSING UNIT SCHEDULE

Table with columns: MARK, SERVICE, TYPE, MANUFACTURER / MODEL, COOLING, HEAT PUMP, NUMBER OF, MAX SOUND, ELECTRICAL, DIMENSIONS AND WEIGHT, NOTES.

- NOTES: 1. REFER TO SECTION 238223 FOR ADDITIONAL REQUIREMENTS. 2. SOUND PERFORMANCE IS BASED ON SOUND PRESSURE LEVELS MEASURED AT 3 FEET FROM UNIT AT FULL CAPACITY IN ACCORDANCE WITH AHRU 270. 3. ALL UNITS SHALL MEET OR EXCEED SEASONAL ENERGY EFFICIENCY RATIO (SEER) FOR NOMINAL COOLING SIZES LESS THAN 65,000 BTUH. 4. HEAT PUMPS SHALL MEET OR EXCEED HEATING SEASONAL PERFORMANCE FACTOR (HSPF) FOR NOMINAL COOLING SIZES LESS THAN 65,000 BTUH. 5. SIZE REFRIGERANT PIPING PER MANUFACTURERS RECOMMENDATIONS. 6. PROVIDE FUSED-DISCONNECT SWITCH. 7. PROVIDE LOW AMBIENT TEMPERATURE OPTION.

FIRST FLOOR PACKAGE TERMINAL HEAT PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL, REFRIG, SUPPLY AIR FAN, COOLING COIL, HEATING COIL, ELECTRICAL, DIMENSIONS AND WEIGHT, NOTES.

- NOTES: 1. PROVIDE UNIT BY ONE OF THE FOLLOWING MANUFACTURERS: FRIEDRICH OR AMANA. 2. PROVIDE MANUFACTURER UNIT SUBBASE WITH INTEGRAL MOTOR-RATED DISCONNECT SWITCH. 3. PROVIDE WITH MANUFACTURER WALL SLEEVE. COORDINATE WALL SLEEVE WITH WALL THICKNESS EAST EACH LOCATION WALL THICKNESS VARIES. 4. PROVIDE WALL-MOUNTED WIRED, NON-PROGRAMMABLE THERMOSTAT. WIRELESS THERMOSTATS ARE NOT ACCEPTABLE. 5. PROVIDE ARCHITECTURAL EXTERIOR GRILLE. COORDINATE COLOR WITH OWNER. 6. PROVIDE 2 EXTRA FRONT-END AIR FILTERS FOR EACH UNIT. DELIVER TO OWNER PRIOR TO PROJECT CLOSEOUT.

SECOND FLOOR PACKAGE TERMINAL HEAT PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL, REFRIG, SUPPLY AIR FAN, COOLING COIL, HEATING COIL, ELECTRICAL, DIMENSIONS AND WEIGHT, NOTES.

- NOTES: 1. PROVIDE UNIT BY ONE OF THE FOLLOWING MANUFACTURERS: FRIEDRICH OR AMANA. 2. PROVIDE MANUFACTURER UNIT SUBBASE WITH INTEGRAL MOTOR-RATED DISCONNECT SWITCH. 3. PROVIDE WITH MANUFACTURER WALL SLEEVE. COORDINATE WALL SLEEVE WITH WALL THICKNESS EAST EACH LOCATION WALL THICKNESS VARIES. 4. PROVIDE WALL-MOUNTED WIRED, NON-PROGRAMMABLE THERMOSTAT. WIRELESS THERMOSTATS ARE NOT ACCEPTABLE. 5. PROVIDE ARCHITECTURAL EXTERIOR GRILLE. COORDINATE COLOR WITH OWNER. 6. PROVIDE 2 EXTRA FRONT-END AIR FILTERS FOR EACH UNIT. DELIVER TO OWNER PRIOR TO PROJECT CLOSEOUT.

GRAVITY ROOF VENTILATOR SCHEDULE

Table with columns: MARK, TYPE, MANUFACTURER / MODEL, AIR FLOW, APD, VENT SIZE, THROAT, MAX HEIGHT, DAMPER, TYPE, NOTES.

- NOTES: 1. REFER TO SECTION 239232 FOR ADDITIONAL REQUIREMENTS. 2. PROVIDE FACTORY-FABRICATED ROOF CURB. COORDINATE EXACT LOCATION AND SIZE OF EXISTING ROOF CURBS PRIOR TO ORDERING. MATCH EXISTING CURB SIZE OR PROVIDE CURB ADAPTER.

THIRD FLOOR PACKAGE TERMINAL HEAT PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL, REFRIG, SUPPLY AIR FAN, COOLING COIL, HEATING COIL, ELECTRICAL, DIMENSIONS AND WEIGHT, NOTES.

- NOTES: 1. PROVIDE UNIT BY ONE OF THE FOLLOWING MANUFACTURERS: FRIEDRICH OR AMANA. 2. PROVIDE MANUFACTURER UNIT SUBBASE WITH INTEGRAL MOTOR-RATED DISCONNECT SWITCH. 3. PROVIDE WITH MANUFACTURER WALL SLEEVE. COORDINATE WALL SLEEVE WITH WALL THICKNESS EAST EACH LOCATION WALL THICKNESS VARIES. 4. PROVIDE WALL-MOUNTED WIRED, NON-PROGRAMMABLE THERMOSTAT. WIRELESS THERMOSTATS ARE NOT ACCEPTABLE. 5. PROVIDE ARCHITECTURAL EXTERIOR GRILLE. COORDINATE COLOR WITH OWNER. 6. PROVIDE 2 EXTRA FRONT-END AIR FILTERS FOR EACH UNIT. DELIVER TO OWNER PRIOR TO PROJECT CLOSEOUT.



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SEAL



KEY PLAN

SCALE

REVISIONS

Table with columns: NO., DESCRIPTION, DATE.

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APPROVED BY: KSC

CHECKED BY: JWH

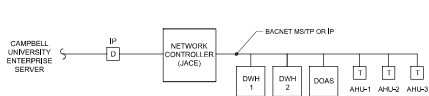
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TITLE: SCHEDULES

PROJECT NO.: 2019005

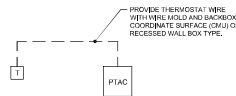
M-601

SHEET NO.



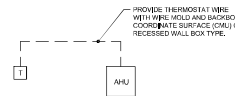
- NOTES:
1. PROVIDE BAC NETWORK CONTROL PANEL IN GROUND FLOOR MECHANICAL ROOM, SEE FLOOR PLANS FOR LOCATION.
 2. PROVIDE DATA DROPTHERM (CAT 5) FROM NETWORK CONTROL PANEL TO FT PAT SERVER FOR FINAL TERMINATIONS BY CAMPBELL IT GROUP.
 3. PROVIDE NEW FLEDMAN RATED COMMUNICATION CABLE THROUGHOUT BUILDING TO EACH EQUIPMENT CONTROLLER.

BUILDING CONTROL DETAIL



- NOTES:
1. WIRED WALL CONTROLLER WITH OCCUPANCY SENSOR, TEMPERATURE, AND HUMIDITY, FRIEDRICH VORPHEMUTZ OR SIMILAR.
 2. SET FAN TO OPERATE ON DEMAND FOR HEATING AND COOLING.

PTAC CONTROL DETAIL



- NOTES:
1. WIRED WALL CONTROLLER WITH OCCUPANCY SENSOR, TEMPERATURE, AND HUMIDITY, HONEYWELL TC300 OR SIMILAR.

AHU CONTROL DETAIL



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KEY PLAN

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE
 DRAWN BY CDB
 APPROVED BY KSC
 CHECKED BY WH
 DATE 09/20/2026

TITLE CONTROLS

PROJECT NO. 5018045

M-701

SHEET NO.

ABBREVIATIONS - ELECTRICAL

Table with 2 columns: Abbreviation and Description. Includes items like AMP, AC, AD, ADA, AF, AG, AH, AI, AL, AM, AN, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

ABBREVIATIONS - ELECTRICAL

Table with 2 columns: Abbreviation and Description. Includes items like W, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

ABBREVIATIONS - ELECTRICAL

Table with 2 columns: Abbreviation and Description. Includes items like WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

GENERAL NOTES - ELECTRICAL

- 1. ELECTRICAL PLANS ARE GENERALLY DIAGRAMMATIC IN NATURE AND DO NOT CONVEY ALL DETAILS REQUIRED FOR A COMPLETE INSTALLATION. HOWEVER, THESE PLANS SHALL BE FOLLOWED AS CLOSE AS POSSIBLE FOR INSTALLATION PROCEDURES, DIMENSIONS AND EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS, DIMENSIONS AND EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS, DIMENSIONS AND EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS, DIMENSIONS AND EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS, DIMENSIONS AND EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS, DIMENSIONS AND EQUIPMENT.

GENERAL NOTES - ELECTRICAL

- 1. NEW WORK SHOWN BOLD AND CONTINUOUS. EXISTING TO REMAIN WORK SHOWN LIGHT AND CONTINUOUS.
2. NOT ALL ELECTRICAL DEVICES AND EQUIPMENT ARE SHOWN. LOCATIONS AND ASSOCIATED CIRCUITS OF EXISTING DEVICES AND EQUIPMENT SHOWN ARE BASED ON PREVIOUS DRAWINGS. FIELD OBSERVATIONS AND INFORMATION FURNISHED BY OTHERS SHALL BE CONSIDERED PROBABLE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. ALL EXISTING DEVICES AND EQUIPMENT SHALL REMAIN IN PLACE AND OPERATIONAL UNLESS NOTED OTHERWISE.

RENOVATION NOTES - ELECTRICAL

- 1. NEW WORK SHOWN BOLD AND CONTINUOUS. EXISTING TO REMAIN WORK SHOWN LIGHT AND CONTINUOUS.
2. NOT ALL ELECTRICAL DEVICES AND EQUIPMENT ARE SHOWN. LOCATIONS AND ASSOCIATED CIRCUITS OF EXISTING DEVICES AND EQUIPMENT SHOWN ARE BASED ON PREVIOUS DRAWINGS. FIELD OBSERVATIONS AND INFORMATION FURNISHED BY OTHERS SHALL BE CONSIDERED PROBABLE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. ALL EXISTING DEVICES AND EQUIPMENT SHALL REMAIN IN PLACE AND OPERATIONAL UNLESS NOTED OTHERWISE.



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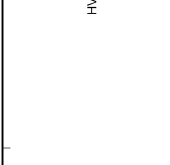


Table with 3 columns: NO., DESCRIPTION, DATE. Contains revision information.

KEY PLAN
DRAWN BY: BSS/SMB
APPROVED BY: JWS
CHECKED BY: HSA
DATE: 09/20/2025

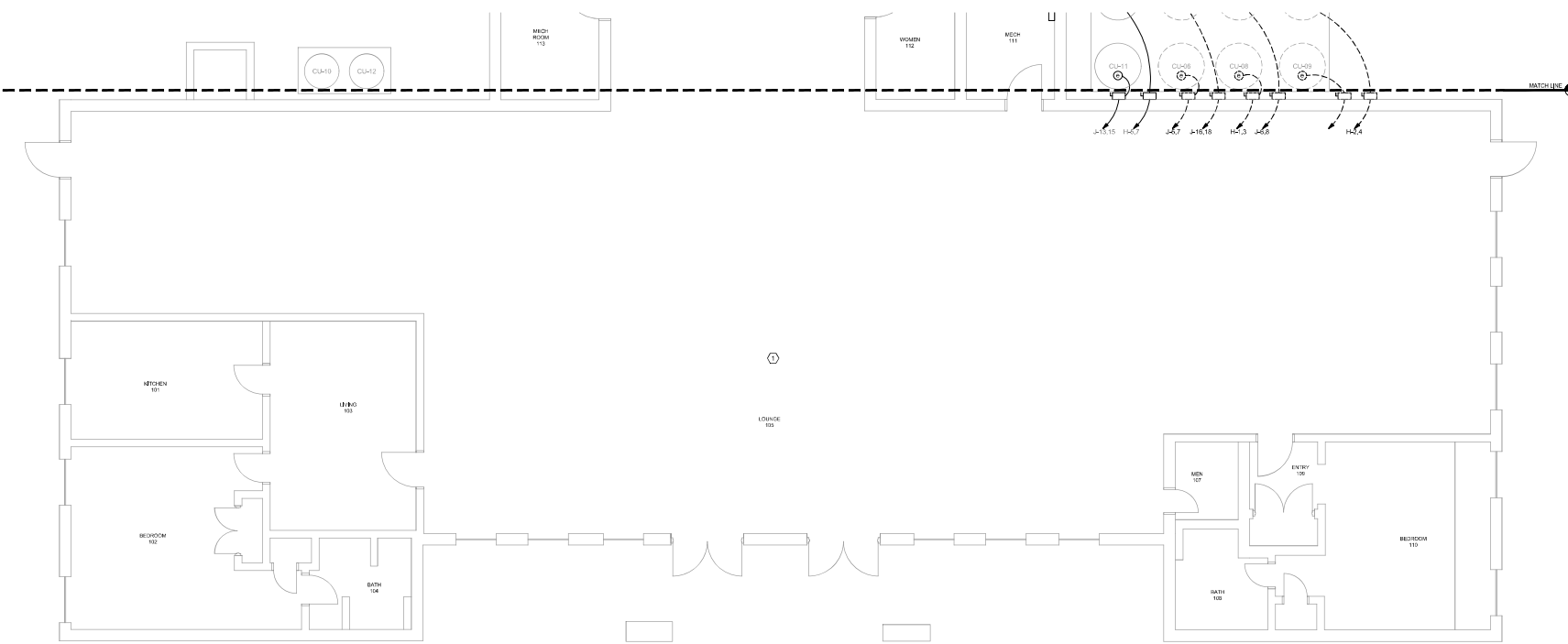
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ELECTRICAL SYMBOLS & ABBREVIATIONS

PROJECT NO. 20190045

E-001

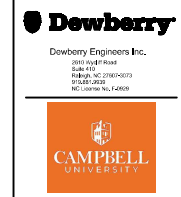
SHEET NO.



① FIRST FLOOR ELECTRICAL DEMOLITION PLAN AREA B
 SCALE: 1/4" = 1'-0"

GENERAL NOTES:
 1. DEMOLISH ALL BRANCH CIRCUIT WIRING INDICATED BACK TO SOURCE. UNUSED PORTIONS OF CONDUIT TO BE REMOVED OTHERWISE RETAIN FOR REUSE.

KEYNOTES:
 1. EXISTING SINGLE STORY ADDITION FED FROM PANELS "1", "4", AND "5".



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KEY PLAN AREA B

SCALE: 1/4" = 1'-0"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BISS/SMP
 APPROVED BY: JWA/J
 CHECKED BY: HSA
 DATE: 09/29/2028

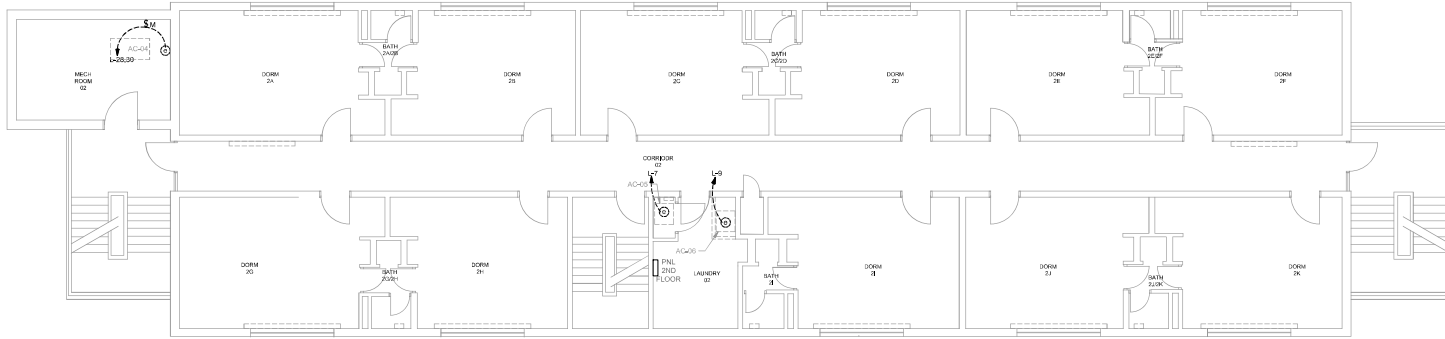
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PROJECT NO. 50180405

ED112

SHEET NO.

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1 SECOND FLOOR ELECTRICAL DEMOLITION WORK PLAN
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. DEMOLISH ALL BRANCH CIRCUIT WIRING INDICATED BACK TO SOURCE. UNUSED PORTIONS OF CONDUIT TO BE REMOVED OTHERWISE RETAIN FOR REUSE.

KEYNOTES:

1.



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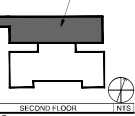


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SEAL



KEY PLAN



SCALE

REVISIONS

NO.	DESCRIPTION	DATE

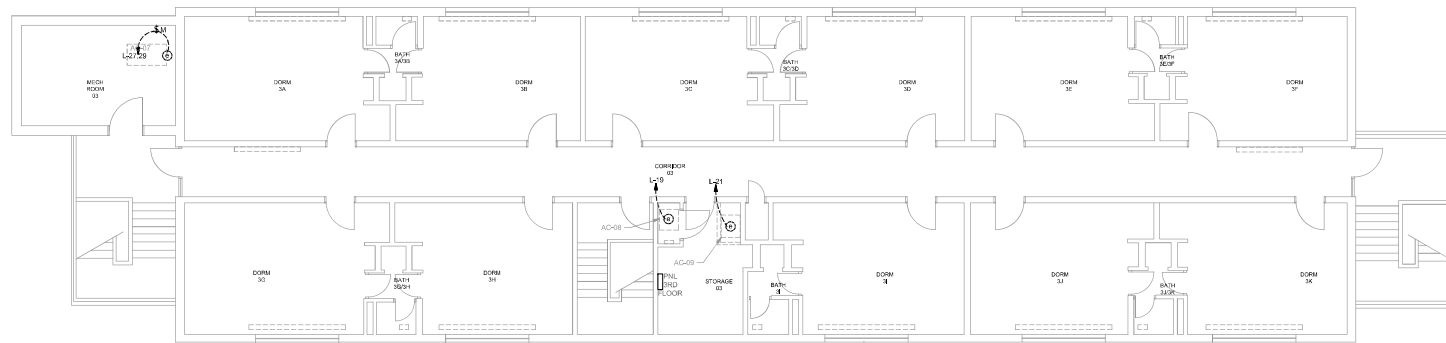
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 APPROVED BY: JWAK
 CHECKED BY: HSA
 DATE: 09/29/2021

TITLE
SECOND ELECTRICAL DEMOLITION PLAN

PROJECT NO. 50180045

ED121

SHEET NO.



① **THIRD FLOOR ELECTRICAL DEMOLITION PLAN**
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. DEMOLISH ALL BRANCH CIRCUIT WIRING INDICATED BACK TO SOURCE. UNUSED PORTIONS OF CONDUIT TO BE REMOVED OTHERWISE RETAIN FOR REUSE.

KEYNOTES:

1.

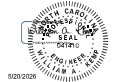


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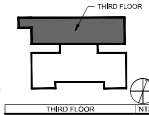


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KEY PLAN



SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BES/SMS
 APPROVED BY: JKW
 CHECKED BY: HSA
 DATE: 09/20/2024

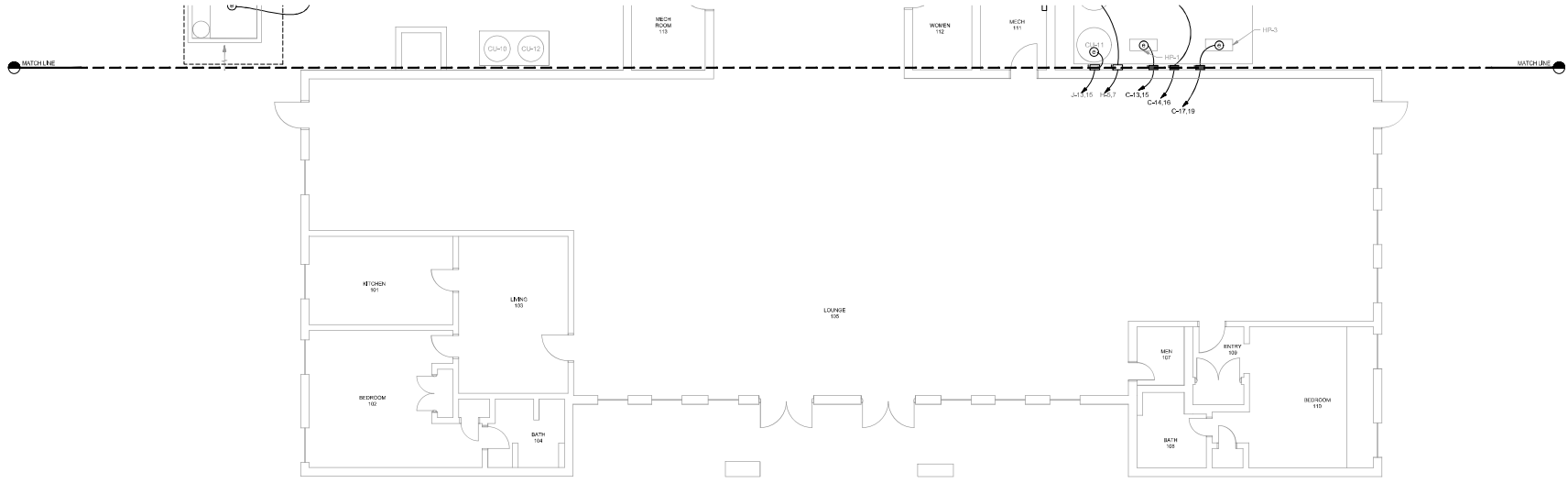
TITLE
**THIRD FLOOR
 ELECTRICAL
 DEMOLITION PLAN**

PROJECT NO. 50190405

ED131

SHEET NO.

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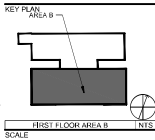
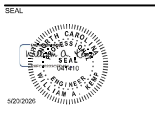
① FIRST FLOOR ELECTRICAL NEW WORK PLAN AREA B
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:
 1. REFER TO SHEET E-101 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.

KEYNOTES:
 1.



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REVISIONS

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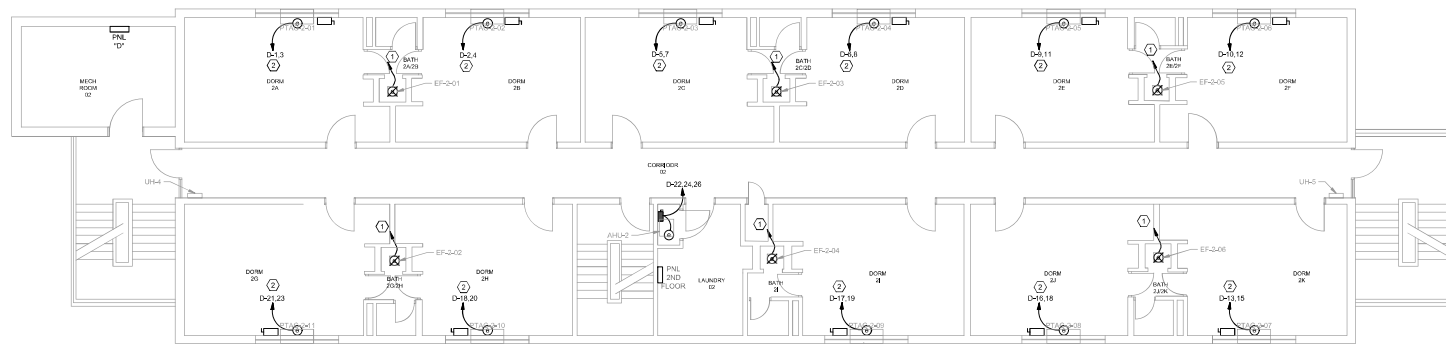
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 CHECKED BY: HSA
 DATE: 09/23/2020

TITLE
FIRST FLOOR ELECTRICAL NEW WORK PLAN AREA B

PROJECT NO. 501830MS

E-112
 SHEET NO.

09/23/2020 10:57:02 AM
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1 SECOND FLOOR ELECTRICAL NEW WORK PLAN
 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET E-101 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.

KEYNOTES:

1. FAN PROVIDED WITH AN INTEGRAL LIGHT, BOTH OPERATE FROM EXISTING FAN WALL SWITCH. RECONNECT TO EXISTING FAN CIRCUIT.
2. IF TACING LURES INTEGRAL, DISCONNECT IN BASE, NEATLY INSTALL EXPOSED CONDUIT ALONG WALL TO DISCONNECT WITH BENDS NOT BOXES, CONTRACTOR TO PAINT EXPOSED CONDUIT (TYP EACH PTAC).



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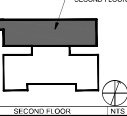
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SEAL



5/20/2020

KEY PLAN



SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BES/SMS
 APPROVED BY: JKW
 CHECKED BY: HSA
 DATE: 09/29/2020

TITLE
SECOND FLOOR ELECTRICAL NEW WORK PLAN

PROJECT NO. 50183045

E-121

SHEET NO.

000008 10 01 01 01
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EXISTING PANEL L				BRANCH: NORMAL				NEW WORK			
CKT	LOAD VA	DESCRIPTION	CIRCUIT BREAKER		PHASE		CIRCUIT BREAKER		DESCRIPTION	LOAD VA	CKT
			NOTE	FUNCTION TRIP	A	B	TRIP FUNCTION	NOTE			
1	0	EXHAUST FAN MAIN PANEL ROOM	EX	20	2500		30		PTAC-1-1 (2 #10 AWG + 1 #10GND, 3/4")	2500	2
2	180	DOAS YARD REC	EX	20	2500		30		PTAC-1-2 (2 #10 AWG + 1 #10GND, 3/4")	2500	4
3	0	SPACE								2500	6
7	0	SPACE							PTAC-1-3 (2 #10 AWG + 1 #10GND, 3/4")	2500	8
9	0	SPACE							SPACE	0	10
11	0	FPE ALARM AND HVAC POWER SUPPLY	EX	20	0	0	20	EX	ROOF FAN	0	12
13	0	4 th FLOOR	EX	20	0	0	20	EX	ROOF FAN C-FLAMP	0	14
15	0	EXF LIGHTS JAMES SIDE	EX	20	2500		30	EX	PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2500	16
17	0	ENERGY MAN	EX	20	2500		30	EX	ENERGY MAN 3RD FLOOR	2500	18
19	750	DMH1	2	20	180	750	20	EX	SPACE	0	20
21	180	DM1	2	20	180		20	EX	SPACE	0	22
23	0	SPACE							SPACE	0	24
25	0	MEYERS SYSTEM	EX	20	0	0	20	EX	SPACE	0	26
27	0	SPACE							PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2500	28
29	0	SPACE							SPACE	2500	30
31	0	SPACE	EX	20	0	0	20	EX	SPACE	0	32
33	0	SPACE							SPACE	0	34
35	0	SPACE							SPACE	0	36
37	0	SPACE							SPACE	0	38
39	0	SPACE							SPACE	0	40
41	0	SPACE							SPACE	0	42

EXISTING PANEL J				BRANCH: NORMAL				NEW WORK			
CKT	LOAD VA	DESCRIPTION	CIRCUIT BREAKER		PHASE		CIRCUIT BREAKER		DESCRIPTION	LOAD VA	CKT
			NOTE	FUNCTION TRIP	A	B	TRIP FUNCTION	NOTE			
1	0	SPACE							PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2500	2
3	0	SPACE							PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2500	4
5	2500	PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2	40	5000		60	EX	PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2500	6
7	2500	PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2	40	5000		60	EX	PTAC-1-4 (2 #10 AWG + 1 #10GND, 3/4")	2500	8
9	0	NIGHT LIGHTS	EX	20	0	0	20	EX	RECEPTABLES/BATHROOMS	0	10
11	0	ROOF FAN	EX	20	0	0	20	EX	RECEPTABLES/BATHROOMS	0	12
13	0	LIGHTS	EX	20	0	0	20	EX	RECEPTABLES/BATHROOMS	0	14
15	0	A/C FAN #11	EX	20	0	0	20	EX	SPACE	0	16
17	0	RECEPTABLES/BATHROOMS	EX	30	0	0	30	EX	SPACE	0	18
19	0	A/C FAN #11	EX	30	0	0	30	EX	BASE BOARD RECEPT	0	20
21	0	SPACE							OUTSIDE RECEPTABLES	0	22
23	0	SPACE							LIGHTS UNDER FLOOR	0	24
25	0	SPACE							SPACE	0	26
27	0	10W HEAT	EX	60	0	0	20	EX	SPACE	0	28
29	0	5KW HEAT	EX	30	0	0	20	EX	SPACE	0	30
31	0	SPACE							SPACE	0	32
33	0	SPACE							SPACE	0	34
35	0	SPACE							SPACE	0	36
37	0	SPACE							SPACE	0	38
39	0	SPACE							SPACE	0	40
41	0	SPACE							SPACE	0	42

EXISTING PANEL H				BRANCH: NORMAL				NEW WORK			
CKT	LOAD VA	DESCRIPTION	CIRCUIT BREAKER		PHASE		CIRCUIT BREAKER		DESCRIPTION	LOAD VA	CKT
			NOTE	FUNCTION TRIP	A	B	TRIP FUNCTION	NOTE			
1	3500	PTAC-1-8 (2 #10 AWG + 1 #10GND, 3/4")	2	40	6000		6000	40	PTAC-1-8 (2 #10 AWG + 1 #10GND, 3/4")	2500	2
3	2500	PTAC-1-8 (2 #10 AWG + 1 #10GND, 3/4")								2500	4
5	0	A/C #13 - LITELINE	EX	40	0	0	40	EX	SPACE	0	6
7	0	SPACE							SPACE	0	8
9	0	SPACE							SPACE	0	10
11	0	SPACE							SPACE	0	12
13	0	SPACE							SPACE	0	14
15	0	SPACE							SPACE	0	16
17	0	SPACE	EX	20	0	0	20	EX	SPACE	0	18
19	0	SPACE	EX	20	0	0	20	EX	SPACE	0	20
21	0	SPACE							SPACE	0	22
23	0	SPACE							SPACE	0	24
25	0	SPACE							SPACE	0	26
27	0	SPACE							SPACE	0	28
29	0	SPACE							SPACE	0	30
31	0	SPACE							SPACE	0	32
33	0	SPACE							SPACE	0	34
35	0	SPACE							SPACE	0	36
37	0	SPACE							SPACE	0	38
39	0	SPACE							SPACE	0	40
41	0	SPACE							SPACE	0	42

NEW PANEL D				BRANCH: NORMAL				NEW WORK			
CKT	LOAD VA	DESCRIPTION	CIRCUIT BREAKER		PHASE		CIRCUIT BREAKER		DESCRIPTION	LOAD VA	CKT
			NOTE	FUNCTION TRIP	A	B	TRIP FUNCTION	NOTE			
1	3500	PTAC-2-01 (2 #10 + 1 #10 GND, 3/4")	30	5000			30		PTAC-2-02 (2 #10 + 1 #10 GND, 3/4")	2500	2
3	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-04 (2 #10 + 1 #10 GND, 3/4")	2500	6
5	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-05 (2 #10 + 1 #10 GND, 3/4")	2500	8
7	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-06 (2 #10 + 1 #10 GND, 3/4")	2500	10
9	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-07 (2 #10 + 1 #10 GND, 3/4")	2500	14
11	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-08 (2 #10 + 1 #10 GND, 3/4")	2500	16
13	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-09 (2 #10 + 1 #10 GND, 3/4")	2500	18
15	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-10 (2 #10 + 1 #10 GND, 3/4")	2500	20
17	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-2-11 (2 #10 + 1 #10 GND, 3/4")	2500	22
19	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							FCU-2 (3 #12 + 1 #10 GND, 3/4")	1000	24
21	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							SPACE	0	26
23	2500	PTAC-2-03 (2 #10 + 1 #10 GND, 3/4")							SPACE	0	28
25	0	SPACE							SPACE	0	30
27	0	SPACE							SPACE	0	32
29	0	SPACE							SPACE	0	34
31	0	SPACE							SPACE	0	36
33	0	SPACE							SPACE	0	38
35	0	SPACE							SPACE	0	40
37	0	SPACE							SPACE	0	42

NEW PANEL F				BRANCH: NORMAL				NEW WORK			
CKT	LOAD VA	DESCRIPTION	CIRCUIT BREAKER		PHASE		CIRCUIT BREAKER		DESCRIPTION	LOAD VA	CKT
			NOTE	FUNCTION TRIP	A	B	TRIP FUNCTION	NOTE			
1	3500	PTAC-3-01 (2 #10 + 1 #10 GND, 3/4")	30	5000			30		PTAC-3-02 (2 #10 + 1 #10 GND, 3/4")	2500	2
3	2500	PTAC-3-03 (2 #10 + 1 #10 GND, 3/4")							PTAC-3-04 (2 #10 + 1 #10 GND, 3/4")	2500	6
5	1000	PTAC-3-05 (2 #10 + 1 #10 GND, 3/4")	30	5000	5000		30		PTAC-3-06 (2 #10 + 1 #10 GND, 3/4")	2500	8
7	2500	PTAC-3-05 (2 #10 + 1 #10 GND, 3/4")							PTAC-3-07 (2 #10 + 1 #10 GND, 3/4")	2500	10
9	2500	PTAC-3-05 (2 #10 + 1 #10 GND, 3/4")							PTAC-3-08 (2 #10 + 1 #10 GND, 3/4")	2500	12
11	3500	PTAC-3-05 (2 #10 + 1 #10 GND, 3/4")							PTAC-3-09 (2 #10 + 1 #10 GND, 3/4")	2500	14
13	2500	PTAC-3-07 (2 #10 + 1 #10 GND, 3/4")	30	5000	5000		30		PTAC-3-10 (2 #10 + 1 #10 GND, 3/4")	2500	16
15	2500	PTAC-3-09 (2 #10 + 1 #10 GND, 3/4")							PTAC-3-11 (2 #10 + 1 #10 GND, 3/4")	2500	18
17	3500	PTAC-3-09 (2 #10 + 1 #10 GND, 3/4")							FCU-3 (3 #12 + 1 #10 GND, 3/4")	1000	20
19	3500	PTAC-3-11 (2 #10 + 1 #10 GND, 3/4")							SPACE	0	22
21	2500	SPACE							SPACE	0	24
23	3500	SPACE							SPACE	0	26
25	0	SPACE							SPACE	0	28
27	0	SPACE							SPACE	0	30
29	0	SPACE							SPACE	0	32
31	0	SPACE							SPACE	0	34
33	0	SPACE							SPACE	0	36
35	0	SPACE							SPACE	0	38
37	0	SPACE							SPACE	0	40
39	0	SPACE							SPACE	0	42

NEW PANEL C				BRANCH: NORMAL				NEW WORK			
CKT	LOAD VA	DESCRIPTION	CIRCUIT BREAKER		PHASE		CIRCUIT BREAKER		DESCRIPTION	LOAD VA	CKT
			NOTE	FUNCTION TRIP	A	B	TRIP FUNCTION	NOTE			
1	1000	UNIT HEATER 1 (2 #12 + 1 #12 GND, 3/4")	30	2000			20		UNIT HEATER 2 (2 #12 + 1 #12 GND, 3/4")	1000	2
3	1000	UNIT HEATER 1 (2 #12 + 1 #12 GND, 3/4")							UNIT HEATER 3 (2 #		

