

RADIATION LEGEND

(A) REMOVE EXISTING RADIATION INCLUDING BACKPLATE, COVERS, FINNED-TUBE, ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS. IN IT'S PLACE INSTALL NEW RADIATION (COVER TO BE WALL TO WALL WHERE SHOWN) WITH END CAPS AND SPLICE PLATES AS REQUIRED, NEW ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS.

RODITION BASE BID

SHALL BE "SUMT/FM" OR EQUAL MULTI/FM" BO HEAVY OUTY, HIGH OUTPIT BASEBOARD

SHALL BE "SUMT/FM" OR EQUAL MULTI/FM" BO HEAVY OUTY, HIGH OUTPIT BASEBOARD

BAND MITH IN PERMADE ONE PIECE FRONT PANEL. IS GAUGE BRACKETS AND 22. GAUGE BOY

BATU/FT. WITH 170F. HOT WATER SUPPLY TEMPERATURE, PIPE SIZE TO MATCH EXISTING. ALL

COVER COMPORTISS SHALL BE FACTORY PANTED IN NU-WHITE OVEN BAKED CROSS—LINKED

POLYESTER EMANEL.

RADATION, AOD ALTERNAIS

SHALL BE "SANT-IFM" OR EQUAL 350 L SERES HEAVY DUTY HIGH OUTPUT, SLOPE-TOP
BASEDARD RADATION WITH 16 GAUGE STEEL ONE PIECE FRONT COVER, 17 GAUGE BRACKETS,
PIEC SZEE ON AMOTO LASTION, ROUGHTON SHALL CONTAIN A HEATING ELEMENT TO PROVIDE A
EXISTING. ALL COVER COMPONENTS SHALL BE FACTORY PAINTED IN NUI—WHITE OVER BAKED
GOSS—LINKED POLYSTER ENABLE.

- (B) EXISTING WALL MOUNTED FINNED—TUB RADIATION TO REMAIN. THE FINNED—TUBE ELEMENT MUST BE THOROUGHLY CLEAMED, COVERS AND TRIM ARE TO BE RELOVED, CLEAMED, PRIMED, PAINTEE AND REINSTALLED (COLOR TO BE SELECTED BY ARCHITECT). SEQUENCE AS NOTED ABOVE SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
- © NEW HOT WATER BASEBOARD RADIATION SHALL BE THE SAME AS NOTED IN "BASE BID" RADIATION ABOVE, COMPLETE WITH ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS.
- (D) EXISTING RADIATION TO BE REMOVED IN IT'S ENTIRETY INCLUDING ALL ASSOCIATED PIPING, VALVES AND ACCESSORIES.
- F-10 SYMBOL INDICATES LENGTH OF RADIATION ELEMENT.

## RADIATION CONTROLS

- NEW RADIATION NOTED (A) SHALL BE INDIVIDUALLY CONTROLLED UTILIZING "TACO" RADIATION CONTROL VALVES. NEW RADIATION NOTED © SHALL BE INDIVIDUALLY CONTROLLED UTILIZING "TACO" ADIATION CONTROL VALVE.

ALL RADIATION TO BE EQUIPPED WITH "TACO" RADIATION CONTROL VALVES.

### LEGEND - M-10

- 1) NEW 8"x8" CEILING EXHAUST GRILLE WITH DAMPER, 70C.F.M. EACH.
- (2) NEW 6"x5" EXHAUST DUCT WORK.
- $\begin{tabular}{lll} \hline \end{tabular}$  REMOVE EXISTING 6" DIA EXHAUST DUCTWORK AND CEILING EXHAUST GRILLE AND REPLACE WITH NEW 7"x6" EXHAUST DUCT.
- REMOVE EXISTING 6" DIA. EXHAUST DUCTWORK AND REPLACE WITH NEW, CONNECT TO NEW CEILING EXHAUST GRILLE.
- (5) EXISTING 10"x8" EXHAUST DUCTWORK ABOVE CEILING.
- (6) EXISTING 12"x10" EXHAUST RISER.
- 7) NEW 6" DIA. EXHAUST DUCTWORK ABOVE CEILING.
- (8) REMOVE EXISTING CEILING EXHAUST GRILLE AND ASSOCIATED DUCTWORK.
- (9) CONNECT NEW 6" DIA. EXHAUST DUCTWORK TO EXISTING 6"x4" EXHAUST RISER.
- (10) NEW 6"x4" EXHAUST RISER UP.
- ① REMOVE EXISTING CEILING EXHAUST GRILLE AND ASSOCIATED DUCTWORK BACK TO MAIN BRANCH.
- (13) 4" DIA. (INSULATED) FLEX DUCTWORK, TYPICAL.
- (4) CONNECT NEW 4" DIA. DUCTWORK TO EXISTING SUPPLY DUCTWORK ABOVE CEILING AND RUN TO FAN COIL UNIT, TYPICAL.
- (15) 4" DIA, OUTSIDE AIR SCREENED INLET TYPICAL FOR (4).
- (6) CONNECT NEW FAN COIL UNIT TO EXISTING SUPPLY DUCTWORK ABOVE CEILING, (NOT SHOWN) TYPICAL.
- TO EXISTING HOT WATER SUPPLY RISER EXTEND TO NEW PERIMETER RADIATION (18) EXISTING HOT WATER RETURN RISER EXTEND TO NEW PERIMETER RADIATION.
- (9) TWO (2) STACKED WASHER/DRYERS OWNERS EQUIPMENT.
- (20) 4" DRYER VENT.
- (a) INLINE DRYER EXHAUST FAN EQUAL TO "FANTECH" MODEL DBF-4XL WITH PRESSURE SENSING SWITCH TO AUTOMATICALLY TURN THE FAN ON WHEN THE DRYER IS ON AND WILL TURN ITSELF OFF WHEN THE DRYER STOPS. 120V. 1PH. (65 WATTS)

- DRYER VENTING REQUIREMENTS
   DUCTING MUST BE RIGID METAL (GALVANIZED OR ALUMINUM) DUCT.
- DUCT JOINTS SHALL BE INSTALLED SO THAT THE MALE END OF THE DUCT POINTS IN THE DIRECTION OF THE AIRFLOW.
- JOINTS SHOULD BE SECURED WITH METAL TAPE (NOT DUCT TAPE). DO NOT USE RIVETS OR SCREWS IN THE JOINTS OR ANYWHERE ELSE IN THE DUCT.
- DRYER VENTING SHALL BE INDEPENDENT OF ANY OTHER SYSTEMS (CHIMNEYS OR
- TERMINATION OF DRYER VENTING MUST BE TO THE EXTERIOR WITH A PROPER HOOD CAP EQUIPPED WITH A BACKDRAFT DAMPER. SMALL ORIFICE METAL SCREENING SHOULD NOT BE PART OF THE HOOD OR ROOF CAP AS THIS WILL CATCH LINT AND BLOCK OPENING. THE HOOD OPENING SHOULD POINT DOWN.

PROJECT NORTH

- (24) 6"x6" O.A. SUPPLY GRILLE WITH 4" ROUND DUCT, TYPICAL.
- (25) OPEN END CONDENSATE DRAIN PUMPED DISCHARGE (Pd) LINE OVER JANITORS SERVICE SINA
- 26 CONDENSATE DRAIN PUMPED DISCHARGE (Pd) LINE FROM FAN COIL UNIT, TYPICAL

| EXHAUST FAN SCHEDULE                                   |           |            |         |     |       |           |        |     |       |  |  |
|--|-----------|------------|---------|-----|-------|-----------|--------|-----|-------|--|--|
| SYMBOL   | MAKE      | MODEL      | TYPE    | CFM | WATTS | VOLTAGE   | DRIVE  | RPM | SONES |  |  |
| EF-1   | PANASONIC | FV-0511VK2 | CEILING | 70  | 4.3   | 120V. 1PH | DIRECT | 760 | 0.3   |  |  |
| EF-2   | PANASONIC | FV-0511VK2 | CEILING | 70  | 4.3   | 120V. 1PH | DIRECT | 760 | 0.3   |  |  |
| EF-3   | PANASONIC | FV-0511VK2 | CEILING | 70  | 4.3   | 120V. 1PH | DIRECT | 760 | 0.3   |  |  |
| EF-4   | PANASONIC | FV-0511VK2 | CEILING | 70  | 4.3   | 120V. 1PH | DIRECT | 760 | 0.3   |  |  |
| EF-5   | PANASONIC | FV-0511VK2 | CEILING | 70  | 4.3   | 120V. 1PH | DIRECT | 760 | 0.3   |  |  |
| EF-1-EF-4 WIRE TO WALL LIGHT SWITCH. E-5 ON CONTINOUS. |           |            |         |     |       |           |        |     |       |  |  |

FUC-205 CEILING 208-230V, 1PH FUC-20 CEILING 208-230V, 1PH FUC-209 209 FXZQ09TAVJU ACCU-5 15 CEILING 208-230V, 1PH 0.3 15A 0.3 15A FUC-211 211 FXZQ07TAVJU ACCU-5 307 CEILING 208-230V, 1PH 15A 213 ACCU-4 0.3 FUC-213 FXZQ07TAVJU 307 20 CEILING 208-230V, 1PH 215 ACCU-4 317 208-230V. 1PH 0.3 15A FUC-215 FXZQ09TAVJU CEILING 15A 216 ACCU-4 317 0.3 FUC-216 FXZQ09TAVJU 30 CEILING 208-230V, 1PH 15A FUC-235 235 FXAQ05PVJU ACCU-4 260 WALL 208-230V. 1PH 0.3 154 FUC-264 264 EXACO7PVIII ACCII-4 260 15 WALL 208-230V 1PH 0.3 15A FUC-220 220 FXAQ18PVJU ACCU-3 500 50 WALL 208-230V. 1PH 0.4 0.3 15A FUC-221 221 FXA007PVIII ACCU-3 260 15 WALL 208-230V 1PH FUC-223 223 EYAOO7PVIII ACCII\_3 260 15 WALL 208\_230V 1DH 0.3 154 FUC-224 224 FXAQ07PVJU ACCII-3 260 15 WALL 208-230V, 1PH 0.3 15A 208-230V. 1PH 226 ACCII\_3 0.3 154 FUC-226 FUC-228 228 ACCU-3 260 15 208-230V, 1PH 0.3 15A FUC-243 243 ACCU-2 15 208-230V, 1PH 0.3 FUC-245 FUC-246 246 FXAQ09PVJU ACCU-2 280 WALL 208-230V, 1PH 0.3 15A 250 ACCU-2 FUC-250 FXAQ12PVJU WALL 208-230V, 1PH 252 15 0.3 15A FUC-252 FXAQ07PVJU ACCU-1 260 WALL 208-230V, 1PH FUC-254 254 FXAQ07PVJU ACCU-1 WALL 208-230V, 1PH 0.3 255 0.3 15A FUC-255 FXAQ07PVJU ACCU-1 260 15 WALL 208-230V, 1PH FUC-25 257 FXAQ07PVJU ACCU-1 260 WALL 208-230V, 1PH 0.3 15A FLIC-258 258 FXAOO7PV.III ACCU-1 260 15 WALL 208-230V 1PH 0.3 154 FUC-260 FXAQ07PVJU ACCU-1 WALL 208-230V. 1PH 0.3 15A FUC-269 236 FXZQ05TAVJU ACCU-6 300 CEILING 208-230V, 1PH 0.3 15A FUC-270 270 FXZQ05TAVJU ACCII\_6 CEILING 208-230V, 1PH 0.3 15A FUC-27 273 FXZQ05TAVJU ACCU-6 300 CEILING 208-230V, 1PH 0.3 ACCESSORIES SHALL INCLUDE: INLINE CONDENSATE PUMP, REFNET BRANCH PIPING KITS, WIRED REMOTE CONTROLLERS, INTERFACE FOR USE IN BACNET, INDIVIDUAL ROOM CONTROL, AND FRESH AIR INTAKE

FAN COIL UNIT SCHEDULE - SECOND FLOOR

C.F.M.

MOUNTING

CEILING

VOLTAGE

208-230V, 1PH

MCA MOF

0.3 15A

OUTDOOR

UNIT

DAIKIN FAN

FXZQ09TAVJU

SYMBOL. ROOM

FUC-203

203



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02.21.20 FAN COIL UNIT AND PLUMBING FIXTURE REVISION

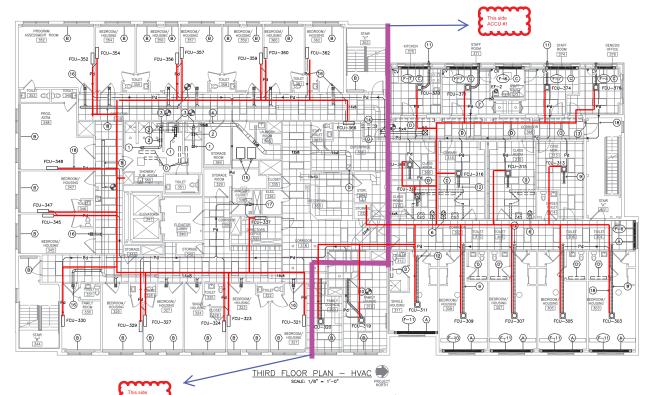
CENTER E MISSION TERIOR RENOVATIONS V CONSTRUCTION 5 PARK AVENUE ORT, CONNECTICUT JOEL SMILOW CARE OF BRIDGEPORT RESCUE 14SE II: INTERIOR R & NEW CONSTR 725 PARK AV BRIDGEPORT, CON PHASE I

**EMS JOB 5033** 

SECOND FLOOR PLAN - HVAC



DRAWING REVISION



### RADIATION LEGEND

(A) REMOVE EXISTING RADIATION INCLIDING BACKPLATE, COVERS, FINNED-TUBE, ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS. IN IT'S PLACE INSTALL NEW RADIATION (COVER TO BE WALL TO WALL WHERE SHOWN) WITH END CAPS AND SPUCE PLATES AS REQUIRED, NEW ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS.

BADATION BASE BID SHALL BE "SLAM" OR EQUAL MULTI/PAY 80 HEAVY DUTY, HIGH OUTPUT BASEBOARD SHALL BE "SLAMT/FIN" OR EQUAL MULTI/PAY 80 HEAVY DUTY, HIGH OUTPUT BASEBOARD RANDATION WITH IN-EQUALS ON EPECE FRONT PANEL. 16 CAUGE BRACKETS AND 22 CAUGE BACK AND TOP PANEL. RADATION SHALL CONTRIAN A HEATING ELEMENT TOP PROVIDE A MINIMUM OF 700 BTL./FT. WITH 170F. HOT WATER SUPPLY TEMPERATURE, PEPE SEZ TO MATCH EASTING. ALL COVER COMPONENTS SHALL BE FACTORY PAINTED IN NU—WHITE OVEN BAKED CROSS—LINKED POLYTISTIES RANNED.

BADATION AND ALTERNATE
SHALL BET SANT-FIN OR EQUAL 350 L SERIES HEAVY DUTY HIGH OUTPUT, SLOPE-TOP
BASEBOARD RADAMTON WITH 16 GAUGE STEEL ONE PIECE FRONT COVER, 17 GAUGE BRACKETS,
PIEC SIZE TO MARCH DESTRING, RADIATION SHALL CONTRA I HEATING ELEBERT TO PROVIDE A
BASEBOARD AND ALTERNATION SHALL DATAMA I HEATING ELEBERT TO PROVIDE A
BASEBOARD ALL COVER COMPONENTS SHALL BE FACTORY PAINTED IN 10-1-WHITE OVEN BACED
GROSS-LINKED POLYSTER EMARGE.

- (B) EXISTING WALL MOUNTED FINNED-TUB RADIATION TO REMAIN. THE FINNED-TUBE ELEMENT MUST BE THOROUGHLY CLEANED, COVERS AND TRIM ARE TO BE REMOVED, CLEANED, PRIMED, PARITED AND REINSTALED (COLOR TO BE SELECTED BY ARCHITECT). SEQUENCE AS NOTED ABOVE SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
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- (D) EXISTING RADIATION TO BE REMOVED IN IT'S ENTIRETY INCLUDING ALL ASSOCIATED PIPING, VALVES AND ACCESSORIES.
- $\widehat{(F-10)}$  SYMBOL INDICATES LENGTH OF RADIATION ELEMENT.

### RADIATION CONTROLS

- 1. NEW RADIATION NOTED  $\langle A \rangle$  SHALL BE INDIVIDUALLY CONTROLLED UTILIZING "TACO" RADIATION CONTROL VALVES. NEW RADIATION NOTED C SHALL BE INDIVIDUALLY CONTROLLED UTILIZING "TACO" ADIATION CONTROL VALVE.

ALL RADIATION TO BE EQUIPPED WITH "TACO" RADIATION CONTROL VALVES.

# LEGEND - M-11

- 1) NEW 8"x8" CEILING EXHAUST GRILLE WITH DAMPER, 70 C.F.M. EACH.
- 2 REMOVE EXISTING CEILING EXHAUST GRILLE AND ASSOCIATED DUCTWORK BACK TO MAIN BRANCH.
- 3 CONNECT NEW 6\* DIA. EXHAUST DUCTWORK TO EXISTING AND EXTEND TO NEW EXHAUST GRILLE LOCATION.
- 4 EXISTING 10"x8" EXHAUST DUCTWORK ABOVE CEILING.
- (5) EXISTING EXHAUST RISER.
- (6) REMOVE EXISTING CEILING EXHAUST GRILLE AND ASSOCIATED DUCTWORK BACK TO RISER LOCATION, BLANK OFF AT EXISTING RISER AIR—TIGHT.
- (7) 4"x6" FROM BELOW AND 7"x6" EXHAUST RISER UP.
- (8) EXTEND EXISTING 8"X8" DUCTWORK.
- 9 4" DIA. (INSULATED) FLEX DUCTWORK, TYPICAL.
- $\bigodot$  connect new 4" dia. Ductwork to existing supply ductwork above ceiling and run to fan coil unit, typical.
- 1 4" DIA. OUTSIDE AIR SCREENED INLET TYPICAL FOR (4).
- (2) CONNECT NEW FAN COIL UNIT TO EXISTING SUPPLY DUCTWORK ABOVE CEILING (NOT SHOWN) TYPICAL.
- (3) EXISTING HOT WATER SUPPLY RISER EXTEND TO NEW PERIMETER RADIATION.
- (14) EXISTING HOT WATER RETURN RISER EXTEND TO NEW PERIMETER RADIATION.
- (5) SEE SECOND FLOOR PLAN DWG. M-10 FOR DUCTING OF CLOTHES DRYERS.
- (16) 6"X6" O.A. SUPPLY GRILLE WITH 4" ROUND DUCT, TYPICAL.
- (7) OPEN END CONDENSATE DRAIN PUMPED DISCHARGE (PD) LINE OVER JANITORS SERVICE SINK.
- (18) CONDENSATE DRAIN PUMPED DISCHARGE (PD) LINE FROM FAN COIL UNIT, TYPICAL

| FAN COIL UNIT SCHEDULE - THIRD FLOOR   |      |                               |                 |        |                |                      |               |     |     |  |
|--|------|-------------------------------|-----------------|--------|----------------|----------------------|---------------|-----|-----|--|
| SYMBOL   | ROOM | DAIKIN FAN<br>COIL UNIT MODEL | OUTDOOR<br>UNIT | C.F.M. | O.A.<br>C.F.M. | MOUNTING<br>LOCATION | VOLTAGE       | MCA | мор |  |
| FUC-303  | 303  | FXZQ09TAVJU                   | ACCU-5          | 317    | 7.5            | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-305  | 305  | FXZQ09TAVJU                   | ACCU-5          | 317    | 15             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-307  | 307  | FXZQ09TAVJU                   | ACCU-5          | 317    | 15             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-309  | 309  | FXZQ12TAVJU                   | ACCU-5          | 353    | 15             | CEILING              | 208-230V, 1PH | 0.4 | 15A |  |
| FUC-311  | 311  | FXZQ07TAVJU                   | ACCU-5          | 307    | 15             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-313  | 313  | FXZQ09TAVJU                   | ACCU-4          | 317    | 20             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-315  | 315  | FXZQ09TAVJU                   | ACCU-4          | 317    | 50             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-316  | 316  | FXZQ09TAVJU                   | ACCU-4          | 317    | 30             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-317  | 317  | FXZQ05TAVJU                   | ACCU-4          | 300    | 30             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-369  | 369  | FXZQ05TAVJU                   | ACCU-4          | 300    | 30             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-366  | 366  | FXAQ07PVJU                    | ACCU-4          | 260    | 20             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-337  | 337  | FXAQ05PVJU                    | ACCU-4          | 260    | 7.5            | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-319  | 319  | FXAQ12PVJU                    | ACCU-3          | 290    | 30             | WALL                 | 208-230V, 1PH | 0.4 | 15A |  |
| FUC-320  | 320  | FXAQ07PVJU                    | ACCU-3          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-321  | 321  | FXAQ07PVJU                    | ACCU-3          | 260    | 7.5            | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-323  | 323  | FXAQ07PVJU                    | ACCU-3          | 260    | 7.5            | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-324  | 324  | FXAQ07PVJU                    | ACCU-3          | 260    | 7.5            | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-327  | 327  | FXAQ07PVJU                    | ACCU-3          | 260    | 7.5            | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-329  | 329  | FXAQ07PVJU                    | ACCU-3          | 260    | 7.5            | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-330  | 330  | FXAQ07PVJU                    | ACCU-3          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-345  | 345  | FXAQ07PVJU                    | ACCU-2          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-347  | 347  | FXAQ07PVJU                    | ACCU-2          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-348  | 348  | FXAQ12PVJU                    | ACCU-2          | 290    | 20             | WALL                 | 208-230V, 1PH | 0.4 | 15A |  |
| FUC-352  | 352  | FXAQ12PVJU                    | ACCU-2          | 290    | 20             | WALL                 | 208-230V, 1PH | 0.4 | 15A |  |
| FUC-354  | 354  | FXAQ07PVJU                    | ACCU-1          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-356  | 356  | FXAQ07PVJU                    | ACCU-1          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-357  | 357  | FXAQ07PVJU                    | ACCU-1          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-359  | 359  | FXAQ07PVJU                    | ACCU-1          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-360  | 360  | FXAQ07PVJU                    | ACCU-1          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-362  | 362  | FXAQ07PVJU                    | ACCU-1          | 260    | 15             | WALL                 | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-370  | 370  | FXZQ05TAVJU                   | ACCU-6          | 300    | 15             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-371  | 371  | FXZQ05TAVJU                   | ACCU-6          | 300    | 15             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-374  | 374  | FXZQ05TAVJU                   | ACCU-6          | 300    | 15             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| FUC-376  | 376  | FXZQ05TAVJU                   | ACCU-6          | 300    | 15             | CEILING              | 208-230V, 1PH | 0.3 | 15A |  |
| ACCESSORIES SHALL INCLUDE: INLINE CONDENSATE PUMP, REFNET BRANCH PIPING KITS, WIRED REMOTE CONTROLLERS, INTERFACE FOR USE IN BACNET, MODIFIDUAL ROOM CONTROL, AND FRESH AIR INTAKE PLANCE. |      |                               |                 |        |                |                      |               |     |     |  |

ANTINOZZI ASSOCIATES ARCHITECTURE & INTERIORS

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02.21.20 FAN COIL UNIT AND PLUMBING FIXTURE REVISIONS

ITERIOR RENOVATIONS V CONSTRUCTION 5 PARK AVENUE ORT, CONNECTICUT JOEL SMILOW CARE CENTER BRIDGEPORT RESCUE MISSION 14SE II: INTERIOR R & NEW CONSTR 725 PARK AV BRIDGEPORT, CON PHASE I

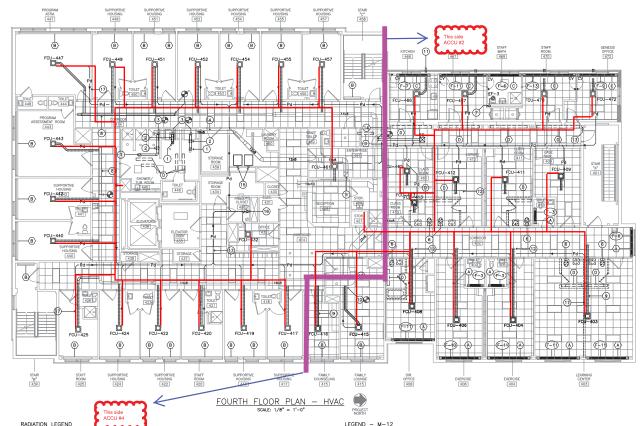
EMS JOB 5033

THIRD FLOOR PLAN - HVAC

1/8"-1"-0" BJC



DRAWING REVISION



(A) REMOVE EXISTING RADIATION INCLIDING BACKPLATE, COVERS, FINNED-TUBE, ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS. IN IT'S PLACE INSTALL NEW RADIATION (COVER TO BE WALL TO WALL WHERE SHOWN) WITH END CAPIS AND SPLICE PLATES AS REQUIRED, NEW ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS.

F-10 SYMBOL INDICATES LENGTH OF RADIATION ELEMENT.

RADIATION CONTROLS

BOULTION BASE BITS

SHALL BET SOUTH OF CHAIN MULTI/PIAN BO HEAVY DUTY, HIGH CUTPUT BASEBOARD

ROMALIS BET SOUTH OF CHAIN MULTI/PIAN BO HEAVY DUTY, HIGH CUTPUT BASEBOARD

ROMALIS MITH 18-CAURCE ONE PRECE FRONT PANEL, 16 GAUGE BRACKETS AND 22 GAUGE BACK

AND TOP PANEL ROMATION SHALL DETAILS OF CHAIN A PROMISE SEED TO MAICH EXISTING. ALL

BILLY IN MITH 1707. HIGH WATER SUPPLY TRAVERSHOURE, PIPE SEE TO MAICH EXISTING. ALL

FOR THE STATE OF THE STA

NEW RADIATION NOTED (A) SHALL BE INDIVIDUALLY CONTROLLED UTILIZING "TACO" RADIATION CONTROL VALVES.

NEW RADIATION NOTED  $\langle \overline{\mathbb{C}} \rangle$  SHALL BE INDIVIDUALLY CONTROLLED UTILIZING "TACO" ADIATION CONTROL VALVE. FOR EXISTING RADIATION THAT REMAINS CONTRACTOR IS TO PROVIDE UNIT PIECES TO REPLACE ISOLATION VALVES, VENT VALVES AND CONTROL VALVES ON AN AS NEEDED BASIS. LEGEND - M-12

(1) NEW 8"x8" CEILING EXHAUST GRILLE WITH DAMPER, 70 C.F.M. EACH.

2) REMOVE EXISTING CEILING EXHAUST GRILLE AND ASSOCIATED DUCTWORK BACK TO MAIN BRANCH.

(3) CONNECT NEW 6" DIA. EXHAUST DUCTWORK TO EXISTING AND EXTEND TO NEW EXHAUST GRILLE LOCATION.

A FYISTING 10"∨8" FYHALIST DIJCTWORK ABOVE CEILING

(5) EXISTING EXHAUST RISER.

(7) 7"x6" FROM BELOW AND 9"x6" UP THROUGH ROOF CURB AND TERMINATE WITH ROOF CAP.

(8) EXTEND EXISTING 8"X8" DUCTWORK.

(9) 4" DIA. (INSULATED) FLEX DUCTWORK, TYPICAL.

(17) CONDENSATE DRAIN PUMPED DISCHARGE (PD) LINE FROM FAN COIL UNIT, TYPICAL

6 REMOVE EXISTING CEILING EXHAUST GRILLE AND ASSOCIATED DUCTWORK BACK TO RISER LOCATION, BLANK OFF AT EXISTING RISER AIR-TIGHT.

(15) SEE SECOND FLOOR PLAN DWG. M-10 FOR DUCTING OF CLOTHES DRYERS.



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MCA MOP

VOI TAGE

CEILING 208-230V, 1PH 0.7 15A

208\_230V 1PH 0.3 154

208-230V, 1PH 0.3

208-230V, 1PH 0.3

208-230V, 1PH 0.3

208-230V, 1PH 0.4

208-230V, 1PH 0.3

208-230V, 1PH 0.3

208-230V, 1PH 0.3

208-230V 1PH 0.4

208-230V, 1PH 0.3

208-230V. 1PH 0.3

208\_230V 1PH 0.3

208-230V. 1PH 0.3

208-230V, 1PH 0.3

208-230V, 1PH 0.3

208-230V, 1PH 0.3

208-230V, 1PH

208-230V. 1PH

208-230V, 1PH

208-230V, 1PH 0.4

208-230V, 1PH 0.4

208-230V, 1PH 0.3

208-230V, 1PH 0.3

208-230V, 1PH 0.3 15A

208-230V. 1PH 0.3 15A

208-230V, 1PH 0.3 15A

0.3

15A

15A

15A

Norwak, Connect but 06851 Te E(203) 956-5460 w

These documents have been prepared spec (Exally for the project. Reproduct on a other use of these documents is prohibited without the approval of the Engineer.



02.21.20 FAN COIL UNIT AND PLUMBING FIXTURE REVISIONS

CENTER E MISSION ITERIOR RENOVATIONS V CONSTRUCTION 5 PARK AVENUE ORT, CONNECTICUT JOEL SMILOW CARE OBRIDGEPORT RESCUE 14SE II: INTERIOR R & NEW CONSTR 725 PARK AV BRIDGEPORT, CON PHASE I

**EMS JOB 5033** 

FOURTH FLOOR PLAN - HVAC

1/8"-1"-0" BJC

> M-1 04.16.2020 - CM BID MARCH 2020

DRAWING REVISION

FAN COIL LINIT SCHEDULE - FOURTH FLOOR OUTDOOR C.F.M. O.A. MOUNTING LOCATION

> ACCU-5 777 150

ACCII\_5 317 60

ACCU-5 317 60

ACCU-5 317

ACCU-4 317 30

300

300 30

ACCU-4

ACCU-4

ACCU-4 300

ACCU-4 300 20 CEILING

ACCU-4

ACCU-3 300 15 CEILING

ACCII\_3 300 15 CEILING

ACCU-3 300 15 CEILING

ACCU-3 300 15 CEILING

ACCU-3 300

ACCU-3 300

ACCU-3

ACCU-3 353

20

7.5

30

15

15

15

300

307

ACCU-2 307 15 CEILING

ACCU-2 353 20

ACCU-2 353 20

ACCU-1 300

ACCU-1 300 15

ACCU-1 300 15

ACCU-1 300 15 CEILING

ACCU-1 300

300

ACCESSORIES SHALL INCLUDE: INLINE CONDENSATE PUMP, REFNET BRANCH PIPING KITS, WIRED REMOTE CONTROLLERS, INTERFACE FOR USE IN BACNET, INDIVIDUAL ROOM CONTROL, AND FRESH AIR INTAKE FLANGE.

CEILING

DAIKIN FAN

FX70024TAVJ

EX7009TAV

FXZQ09TAVJ

FXZQ09TAVJ

FXZQ12TAVJ

FXZQ12TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ12TAVJ

FXZQ05TAVJ

EXZODSTAV.I

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAV

FXZQ07TAV

FXZQ07TAVJ

FXZQ12TAVJ

FXZQ12TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

FXZQ05TAVJ

COIL UNIT MODEL

SYMBOL ROOM

FIIC-404

FUC-406 406

FUC-409

FUC-413

FUC-432 432

FUC-46

FUC-465 465

FUC-415

FUC-416 416

FIIC-417

FUC-419

FUC-420

FUC-422 422

FUC-424

FUC-425

FUC-440

FUC-442 442

FUC-443

FUC-447

FUC-449 449

FUC-451 451

FUC-452

FUC-454 454

FUC-455 455

443

452

FUC-412 412

FUC-403 403

RODATION DO ALTERNATE
SHALL BE "SLAMT/FIR" OR EQUAL JSO L SERES HEAVY DUTY HIGH DUTPUT, SLOPE-TOP
SECROMOR DANADON WITH 10 GAUGE STEEL, ONE PIECE FRONT COVER, 17 GAUGE BRANKETS.
BESENDOWN DANADON WITH 10 GAUGE STEEL, ONE PIECE FRONT COVER, 17 GAUGE BRANKETS.
AMINIMAN OF 700 B.T.U./FI.L. WITH 170F. HOT WATER SUPPLY TEMPERATURE, PIEC SET TO MATC
SESTING. ALL COVER COMPONENTS SHALL BE FACTORY PARAFED IN NU-WHITE OVEN BAKED
CROSS-LINKED POLYESTER ENAMEL. FUC-457 457 FXZQ05TAVJ ACCU-1 300 15 CEILING 208-230V. 1PH 0.3 15A (0) CONNECT NEW 4" DIA. DUCTWORK TO EXISTING SUPPLY DUCTWORK ABOVE CEILING AND RUN TO FAN COIL UNIT, TYPICAL. (B) EXISTING WALL MOUNTED FINNED-TUB RADIATION TO REMAIN. THE FINNED-TUBE ELEMENT MUST BE THOROUGHLY CLEANED, COVERS AND TRIM ARE TO BE REMOVED, CLEANED, PRIMED, PAINTED AND REINSTALLED (COLOR TO BE SELECTED BY ARCHITECT), SEQUENCE AS NOTED ABOVE SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. FCII-466 466 EXZODSTAVI ACCU-6 300 15 CEILING 208-230V, 1PH 0.3 15A (1) 4" DIA, OUTSIDE AIR SCREENED INLET TYPICAL FOR (4), (2) CONNECT NEW FAN COIL UNIT TO EXISTING SUPPLY DUCTWORK ABOVE CEILING (NOT SHOWN). FUC-467 467 FXZQ05TAVJ ACCU-6 300 15 CEILING 208-230V, 1PH 0.3 © NEW HOT WATER BASEBOARD RADIATION SHALL BE THE SAME AS NOTED IN "BASE BID" RADIATION ABOVE, COMPLETE WITH ISOLATION VALVES, MANUAL AIR VENTS AND CONTROLS. (13) EXISTING HOT WATER SUPPLY RISER EXTEND TO NEW PERIMETER RADIATION. (D) EXISTING RADIATION TO BE REMOVED IN IT'S ENTIRETY INCLUDING ALL ASSOCIATED PIPING, VALVES AND ACCESSORIES. FUC-470 470 FXZQ05TAVJ ACCU-6 300 15 CEILING 208-230V, 1PH 0.3 15A (4) EXISTING HOT WATER RETURN RISER EXTEND TO NEW PERIMETER RADIATION.

(16) OPEN END CONDENSATE DRAIN PUMPED DISCHARGE (PD) LINE OVER JANITORS SERVICE SINK.