

2022 CAPITAL BOND PROJECT
PHASE 2

ARCHITECT

LYON PLACE

ITE - CIVIL CONSULTANT

STRUCTURAL CONSULTANTS

EP CONSULTANT

SECURITY CONSULTANT

HAZARDOUS MATERIALS CONSULTANT

LIGHTING CONSULTANT

NEW CONSTRUCTION NOTES – DUCTWORK:

1. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.
2. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
3. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
4. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.
5. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVICE.
6. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPRALED, OYED, AND PAINTED TO MATCH THE FINISH OF THE WALL, PERFORATED INNER WALL, AND 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING.

NEW CONSTRUCTION NOTES – PIPING:

1. ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
2. DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
3. CONDENSATE DRAIN (CD) AND CONDENSATE PUMP DISCHARGE (PD) PIPING SHALL BE RIGID COPPER, TYPE L, MINIMUM 3/4" NOMINAL PIPE SIZE, BRAZED OR SOLDERED, WITH 1" INSULATION, UNLESS OTHERWISE NOTED ON DRAWINGS.

NEW CONSTRUCTION KEY NOTES:

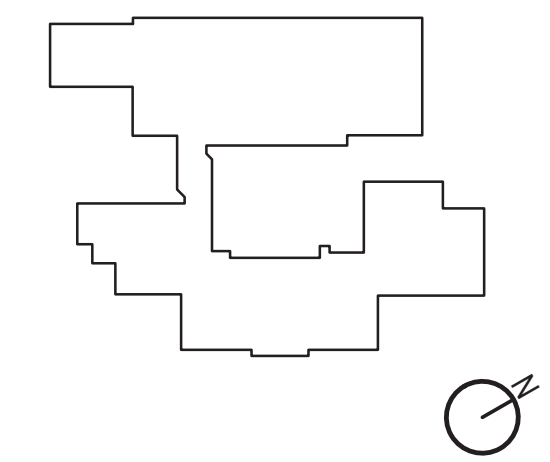
- 1) DEMOLISH EXISTING 1½" LPS RISER DOWN INTO STEAM TUNNEL & UP WITHIN 6" OF DECK ABOVE. OFFSET IN STEAM TUNNEL, RISE UP IN NEW PIPE CHASE, AND OFFSET ABOVE CEILING TO RECONNECT TO EXISTING UP THRU SLAB ABOVE.

 $1/4" = 1'-0"$  $1/4" = 1'-0"$

EAL

BID SET	01/03/202
SUE	DAT

KEY PLAN



ED PROJECT NO.	66-03-01-03-0-006-01
EMASI PROJECT NO.	102-220

GR M101

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12/29/2022 2:10 AM Reiss, Jeremy

2022 CAPITAL BOND PROJECT
PHASE 2

ARCHITECT

2 LYON PLACE

SITE - CIVIL CONSULTANT

STRUCTURAL CONSULTANT

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SECURITY CONSULTANT

HAZARDOUS MATERIALS CONSULTANT

WSP

LIGHTING CONSULTANT

UNIT SCHEDULE																																
A.T. W.B. (°F)	W.P.D. (FT-WC)	HOT WATER (OR DUAL TEMP) COIL HEATING DATA						STEAM COIL HEATING DATA						ELECTRICAL DATA						FILTER PRE- FILTER	UNIT OVERALL DIMENSIONS			WEIGHT (LBS)	MANUFAC- TURER	MODEL	REMARKS					
		FLUID	MBH	GPM	E.W.T. (°F)	L.W.T. (°F)	E.A.T. (°F)	L.A.T. (°F)	W.P.D. (FT-WC)	HEATING MBH	STEAM PRESSURE (PSIG)	STEAM FLOW (LBS/HR)	E.A.T. (°F)	L.A.T. (°F)	VOLTS	PH	HZ	MCA	MOP		BY E.C OR MANUF.	LOCATION	TYPE					ENCL. TYPE	EMER. PWR. (Y/N)	WIDTH (IN)	HEIGHT (IN)	LENGTH OR DEPTH (IN)
57	1.8	WATER	9.2	0.9	140	120	55	97	1.8	10.8	2	9.4	55	105	120	1	60	2.8	15	MANUF.	UNIT MTD.	NON- FUSED	NEMA 1	N	1" MERV-13	33	25	10	81	TRANE	FC-C-J-020	SEE NOTES BELOW
56	3.8	WATER	27.3	2.7	140	120	55	97	3.8	26.9	2	23.3	55	96	120	1	60	3.9	15	MANUF.	UNIT MTD.	NON- FUSED	NEMA 1	N	1" MERV-13	48	29	10	155	TRANE	FC-J-B-060	SEE NOTES BELOW
56	3.8	WATER	27.3	2.7	140	120	55	97	3.8	26.9	2	23.3	55	96	120	1	60	3.9	15	MANUF.	UNIT MTD.	NON- FUSED	NEMA 1	N	1" MERV-13	47	25	10	139	TRANE	FC-C-B-060	SEE NOTES BELOW

NOTES:

1. PROVIDE THE FOLLOWING FOR EF-GR-1:

1.1. BUILT-IN BAROMETRIC BACKDRAFT DAMPER.

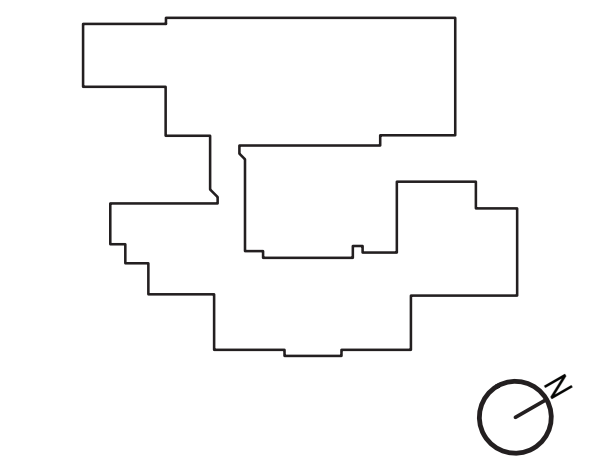
1.2. ECM MOTOR CONTROLLER INTEGRAL TO FAN MOTOR, WITH CONTACTS SUITABLE FOR BMS TIE-IN, GREENCHECK "VARI-GREEN" OR EQUAL.

NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
2. ALL FINISH COLORS ARE SUBJECT TO APPROVAL BY THE ARCHITECT. SUBMIT COLOR CHART FOR REVIEW.
3. COORDINATE BORDER TYPES WITH ARCHITECTURAL CEILING SPECIFICATIONS.

SEAL

KEY PLAN



SED PROJECT NO.	66-03-01-03-0-006-015
MEMASI PROJECT NO.	102-2202

GR M201

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2022 CAPITAL BOND PROJECT
PHASE 2

ARCHITECT

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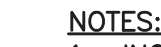
HAZARDOUS MATERIALS CONSULTANT

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GOLDSTICK LIGHTING DESIGN
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PELHAM, NY 10803
914.693.0221



N.T.S.



1. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WITH COOLING COILS (4-PIPE PAN COIL UNIT WITH HOT AND CHILLED WATER COILS, 2-PIPE PAN COIL UNIT WITH A DUAL-TEMPERATURE HOT/CHILLED WATER COIL, ETC.).
2. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WHICH ARE INTENDED FOR HEATING ONLY SERVICE, BUT WILL BE CONNECTED TO DUAL-TEMPERATURE HOT/CHILLED WATER PIPING (2-PIPE CABINET UNIT HEATERS WITH HOT WATER COIL, ETC.). THE DRIP PAN AND LEAK DETECTOR WILL BE UTILIZED AS A BACKUP TO BMS CONTROLS PROGRAMMED TO CLOSE THE CONTROL VALVE WHENEVER CHILLED WATER IS BEING CIRCULATED.

N.T.S.



KEY PLAN



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