

REMOVAL NOTES:

- THE SCOPE OF REMOVAL SHOWN ON "REMOVALS" DRAWINGS IS DIAGRAMMATIC ONLY AND INDICATES THE INTENT OF THE WORK TO BE PERFORMED AND NOT THE COMPLETE SCOPE OF DEMOLITION AND/OR REMOVAL WORK. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO REMOVE ANY RELATED MECHANICAL DEVICES EVEN IF NOT SPECIFICALLY INDICATED TO BE REMOVED ON THESE DRAWINGS IN ORDER TO ACCOMMODATE NEW WORK.
- DEVICES SHOWN CROSS HATCHED ON DRAWINGS ARE ITEMS TO BE REMOVED. ANY DEVICES REMOVED SHALL INCLUDE (BUT SHALL NOT BE LIMITED TO) THE REMOVAL OF ALL ASSOCIATED PIPING, CONTROLS, ETC. THAT ARE NOT INCORPORATED IN THE NEW LAYOUT, UNTIL SUCH REMOVAL IS COMPLETE. THIS CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO INSURE CONTINUITY OF SERVICE TO EXISTING REMAINING EQUIPMENT. NO EXTRAS RELATING TO THE SCOPE OF WORK DESCRIBED WILL BE ALLOWED.
- 3 EQUIPMENT, PIPING, ETC., REQUIRED TO RECONNECT SHALL BE INSTALLED CONCEALED WITHIN THE NEW SUSPENDED CEILINGS, PARTITIONS AND/OR WALLS, FLOORS, NO SURFACE MOUNTED OR EXPOSED EQUIPMENT, PIPING, ETC., SHALL BE PERMITTED, UNLESS SPECIFICALLY INDICATED.
- ALL ITEMS TO BE REMOVED SHALL BE REVIEWED WITH THE OWNER PRIOR TO REMOVAL. OWNER SHALL HAVE FIRST SALVAGE RIGHTS. ITEMS THE OWNER WISHES TO KEEP SHALL BE REMOVED WITH CARE AND STORED AS DIRECTED BY OWNER. ITEMS THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

	HVAC LEGEND —POINT OF CHANGE IN DUCT SIZE
	NEW DUCTWORK 1" THERMAL ACOUSTIC LINING—DUCT SIZES ON PLANS ARE CLEAR INSIDE DIMENSIONS
<u> </u>	SQUARE DUCT TURN WITH TURNING VANES
	TYPE -SEE SCHEDULE NEW 4-WAY CEILING DIFFUSER
	TYPE –SEE SCHEDULE NEW 3—WAY CEILING DIFFUSER ————————————————————————————————————
	TYPE –SEE SCHEDULE NEW 2—WAY CEILING DIFFUSER —— CFM
	TYPE —SEE SCHEDULE CEILING EXHAUST/RETURN REGISTER —— CFM
****	TYPE-SEE SCHEDULE REGISTER/DIFFUSER IDENTIFICATION ——CFM
-D ➤ -R ►	DUCT DROP; DUCT RISE
	DUCT MTD. MANUAL AIR VOLUME DAMPER (W/LOCKING DEVICE)
	MOTORIZED AIR VOLUME DAMPER (W/ACCESS DOOR)
,	FIRE DAMPER (U.L. APPROVED) & ACCESS DOOR
——— EHWS———	EXISTING HOT WATER HEATING SUPPLY PIPING
— EHWR / EHWRR —	EXISTING HOT WATER RETURN / HOT WATER REVERSE RETURN PIPIN
——HWS——	HOT WATER HEATING SUPPLY PIPING
—HWR / HWRR——	HOT WATER RETURN / HOT WATER REVERSE RETURN PIPING
— L —	LIQUID REFRIGERANT PIPING
s	SUCTION REFRIGERANT PIPING
—— CD ——	CONDENSATE DRAIN PIPING
X	FLOW DIRECTION WITHIN PIPE —— CONNECTION TO EQUIPMENT ABOVE
→ → → →	GATE VALVE (HORIZONTAL/VERTICAL)
—	COMBINATION BALANCING & SHUT-OFF VALVE (CIRCUIT SETTER)
	2 — WAY CONTROL VALVE
	CHECK VALVES
	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP)
· 	EXPANSION JOINT, ANCHOR AND GUIDES
<u>CH</u>	CABINET HEATER IDENTIFICATION
ERU)	ENERGY RECOVERY UNIT IDENTIFICATION
(HP)	HEAT PUMP UNIT IDENTIFICATION
FC FC	INDOOR FANCOIL UNIT IDENTIFICATION
(FS)	FLOW SELECTOR UNIT IDENTIFICATION
CH)	CABINET UNIT HEATER IDENTIFICATION
CONY	
(HWC)	HOT WATER CONVECTOR IDENTIFICATION
OXC)	HOT WATER COIL IDENTIFICATION
(FF)	DX COIL IDENTIFICATION
TO AND	EXHAUST FAN IDENTIFICATION
EXIST COAD	EXISTING HOT WATER CONVECTOR IDENTIFICATION
EXIST	EXISTING CEILING RADIATOR IDENTIFICATION
(SF) EXIST	EXISTING SUPPLY AIR FAN IDENTIFICATION
EXIST	EXISTING FIN TUBE RADIATION IDENTIFICATION
Ţ <u>s</u>	WALL MTD.(5'-2"±.A.F.F-U.O.N.) TEMPERATURE SENSOR
-U ►	DOOR UNDERCUT
CD	CEILING DIFFUSER
CR	CEILING REGISTER
TR	TOP WALL REGISTER
CFM	CUBIC FEET PER MINUTE
CV	MOTORIZED CONTROL VALVE
AFF	ABOVE FINISHED FLOOR
OAI/FAI	OUTSIDE (FRESH) AIR INTAKE
HVAC	HEATING, VENTILATING, AIR CONDITIONING CONTRACTOR
FC	FLEXIBLE CONNECTION
FSC	FULL SIZE CONNECTION
AD	ACCESS DOOR
FD	FIRE DAMPER

POINT OF DISCONNECTION

- SECTION/ELEVATION IDENTIFICATION

-DRAWING NUMBER

POINT OF CONNECTION, NEW TO EXISTING

MOUNT PLEASANT CENTRAL SCHOOL DISTRICT

2024 WLHS PPS PROJECT

WESTLAKE MIDDLE / HIGH SCHOOL

SCHOOL

M = M \ S |

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MEP CONSULTANT

BARILE GALLAGHER & ASSOCIATES

39 MARBLE AVE.

PLEASANTVILLE, NY 10570

STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

HAZARDOUS MATERIALS CONSULTANT
QUALITY ENVIORNMENTAL
SOLUTIONS & TECHNOLOGIES, INC.
1376 ROUTE 9
WAPPINGERS FALLS, NY 12590

LIGHTING CONSULTANT
GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204
PELHAM, NY 10803

SITE-CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRINGS, NY 12866

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING

992 BEDFORD STREET

BRIDGEWATER, MA 02324

SSUED FOR BID 06/21/2024
SSUE DATE

KEY PLAN

MIDDLE SCHOOL
HIGH SCHOOL

AREA 'AA

1

H101

 SED PROJECT NO.
 66-08-01-06-0-005-025

 MEMASI PROJECT NO.
 107-2201

LEGEND, NOTES & PARTIAL FLOOR PLAN PPS

H101

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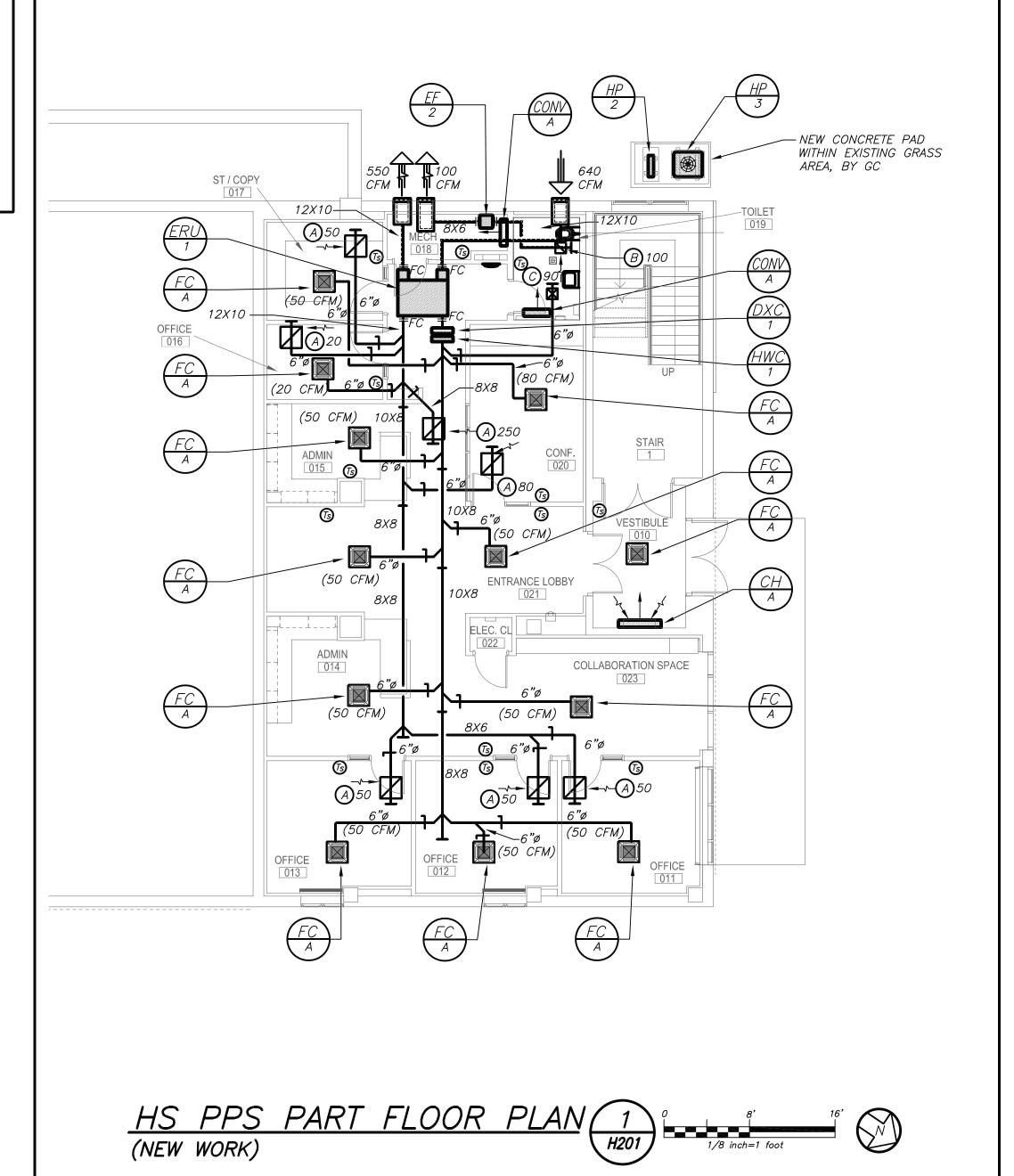


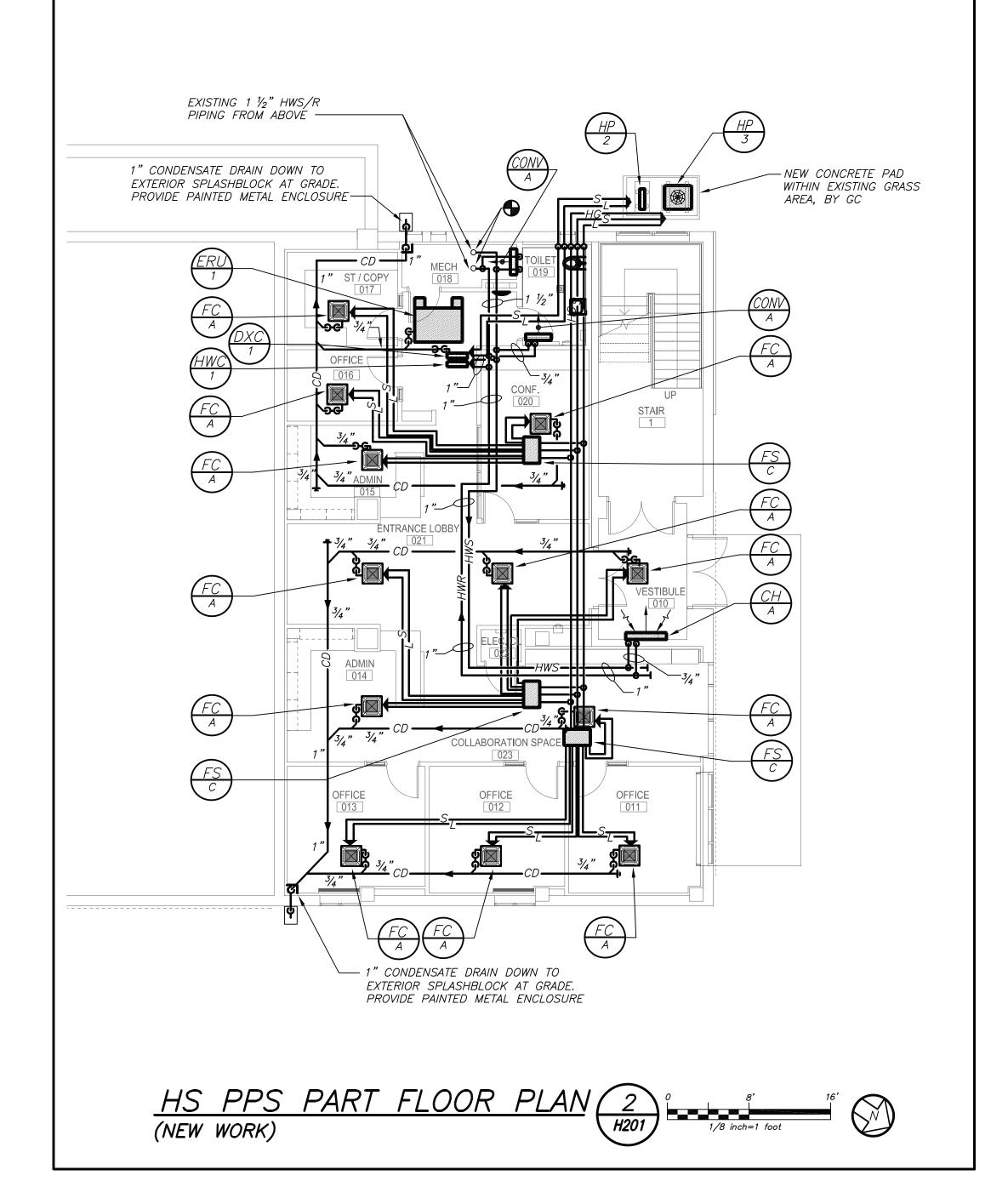
<u>VRF SYSTEM:</u> THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING.

AND DISCHARGE TO EXTERIOR SPLASHBLOCKS.

GENERAL PIPING NOTES

CONDENSATE SYSTEM:
THE CONTRACTOR SHALL PROVIDE ALL CONDENSATE DRAINAGE
PIPING FROM ALL CASSETTE UNITS AND ENERGY RECOVERY UNIT,





MOUNT PLEASANT CENTRAL SCHOOL DISTRICT

2024 WLHS PPS PROJECT

WESTLAKE MIDDLE / HIGH SCHOOL

ARCHITECT

$M \equiv M \wedge SI$

WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM

MEP CONSULTANT BARILE GALLAGHER & ASSOCIATES 39 MARBLE AVE. PLEASANTVILLE, NY 10570

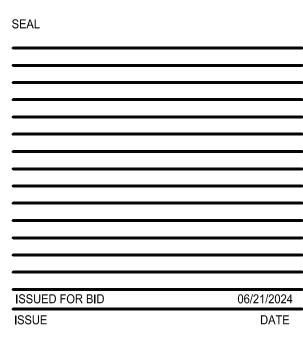
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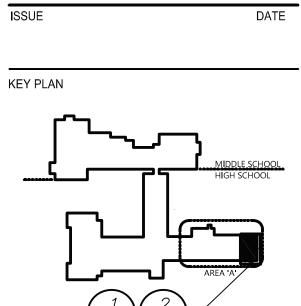
HAZARDOUS MATERIALS CONSULTANT QUALITY ENVIORNMENTAL SOLUTIONS & TECHNOLOGIES, INC. 1376 ROUTE 9 WAPPINGERS FALLS, NY 12590

LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803

SITE-CIVIL CONSULTANT THE LA GROUP **40 LONG ALLEY** SARATOGA SPRINGS, NY 12866

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324





SED PROJECT NO. MEMASI PROJECT NO.

> FLOOR PLANS & NOTES PPS

H201

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BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

		A	В	С	D	Ε	F	G	Н	I	
ROOM NAME/NUMBER	OCCUPANCY CATEGORY	ROOM AREA (SQ.FT.)	PEOPLE DENSITY (#P/1000 SQ.FT.)	PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON)	BREATHING	EXHAUST AIR FLOW RATE (CFM/SQ.FT.)	NUMBER OF PEOPLE (A×B)÷1000= #P	OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F×C)+(A×D)=CFM	ZONE AIR DISTRIBUTION EFFECTIVENE SS FACTOR	MINIMUM ROOM VENTILATION AIR FLOW RATE G÷H=CFM	MINIMUM EXHAUST AIR FLOW RATE A×E=CFM
	OCCUPIABLE STORAGE										
Crawl Space	ROOMS FOR DRY MATERIALS	310 9 NOT	USED 2	5	0.06	o	7	221	0.8	276	0
007 Makerspace	WOOD/METAL SHOP	1100	20	10	0.18	0.5	22	418	0.8	523	550
007A Woodshop	WOOD/METAL SHOP	1155	20	10	0.18	0.5	24	448	0.8	560	578
007B Storage	OCCUPIABLE STORAGE— ROOMS FOR DRY MATERIALS	50	2	5	0.06	0	1	8	0.8	10	0
023 Collaboration Space	OFFICE SPACE	310	5	5	0.06	o	4	39	0.8	48	0
014 Admin	OFFICE SPACE	170	5	5	0.06	0	1	15	0.8	19	0
015 Admin	OFFICE SPACE	125	5	5	0.06	0	1	13	0.8	16	0
020 Conference	CONFERENCE/MEETING	180	50	5	0.06	0	9	56	0.8	70	0
016 Office	OFFICE SPACE	80	5	5	0.06	0	2	15	0.8	19	0
017 ST/Copy	COPY, PRINTING ROOMS	100	o	0	0	0.5	О	0	0.8	0	50
019 Toilet	TOILETS - PUBLIC	60	1 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	50
013 Office	OFFICE SPACE	170	5	5	0.06	0	1	15	0.8	19	0
012 Office	OFFICE SPACE	170	5	5	0.06	0	1	15	0.8	19	0
011 Office	OFFICE SPACE	170	5	5	0.06	0	1	15	0.8	19	0

	SCHEDULE OF VRF DUCTLESS AIR SOURCE HEAT RECOVERY OUTDOOR UNITS													
	GENERAL DATA CAPACITY PHYSICAL DATA ELECTRICAL SUPPLY EFFICIENCY													
MARK	SERVICE	MODEL ① No.	COOL/HEAT (MBH)	UNIT WEIGHT (POUNDS)	D	W	Н	SERVICE	MCA	MOP	EER	REMARKS		
(HP) 2	PPS ERU DUCT COIL	ARUN024GSS4	24 27	159	13	38	33	208/1/60	19.6	30	15.5	REFER TO 2345678		
HP 3	PPS CASSETTES	ARUMO72BTE5	72 81	430	30	<i>37</i>	67	208/3/60	22.6	<i>35</i>	15.0	REFER TO 2345678		

N ① AS MANUFACTURED BY "LG." (KLIMA NEW YORK 914 255-4390)
O ② BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A.

E 3 INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. PROVIDE DC INVERTER COMPRESSOR SPEED CONTROL BASED ON SYSTEM LOAD.

5 UNIT SHALL BE CONTROLLED VIA MANUFACTURER'S DDC

NETWORK CONTROLLER TO INDOOR HARDWIRED CONTROLLER.

6 PROVIDE LOW AMBIENT CONTROL, HARD START, CRANKCASE HEATER, DISCONNECT SWITCH.
THE VRF SYSTEM SHALL BE. ABLE TO INTEGRATE WITH THE BUILDING MANAGEMENT SYSTEM VIA BACNET IP GATEWAY. THIS GATEWAY CONVERTS BETWEEN BACNET IP OR MODBUS TCP PROTOCOL, AND RS-485 LGAP (LG AIRCON PROTOCOL) ALLOWING THIRD PARTY CONTROL AND MONITORING OF THE LG A/C SYSTEM, OR LONWORKS GATEWAYS.

PROVIDE ELECTRONIC EXPANSION VALVE KIT AND AHU/ERU COMMUNICATION CONTROL KIT (ONE FOR EACH DX COIL PROVIDED). PROVIDE NEMA WEATHERPROOF ENCLOSURES FOR EEV KITS INSTALLED OUTDOORS. ALL UNITS MUST HAVE BACNET COMMUNICATIONS TIED INTO BMS SYSTEM CONTROLS. COMMUNICATION CONTROL KIT REQUIRES 208/1/60 POWER REQUIREMENTS. PROVIDE "PRVC2" OUTDOOR UNIT MULTI APPLICATION I/O

(8) INDICATED EQUIPMENT DESIGNATIONS ARE FOR USE IN CONSTRUCTION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER ON DESIRED FINAL TAG IDENTIFICATION/NUMBERING/LETTERING. OWNER APPROVED DESIGNATIONS SHALL BE USED IN BMS PROGRAMMING AND ON PÉRMANENT EQUIPMENT IDENTIFICATION TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL IDENTIFICATION TAG

	SCHEDULE OF EXHAUST FANS														
MARK	SERVICE	LOCATION	MODEL No. 🛈	TYPE	CFM	EXT. S.P. IN H ₂ O		HP (WATTS)	ELECTRIC V/PH/HZ	SIZE (IN)	WEIGHT (LBS.)	REMARKS			
EF 2	PPS TOILET	MECHANICAL ROOM	CSP-A200	IN-LINE	150	0.5	825	(56.8)	120/1/60	14Lx12Wx12H	23	REFER TO 23			

N (1) AS MANUFACTURED BY "GREENHECK".

(2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

3 PROVIDE VIBRATION ISOLATORS, BACKDRAFT DAMPER, SPEED CONTROL, DISCONNECT SWITCH, AND NAMEPLATE IDENTIFYING FAN MARK, MODEL NO., CFM, RPM, HP, AND ELECTRICAL SERVICE.

SCHEDULE OF REGISTERS AND DIFFUSERS														
MARK	TYPE	SERVICE	MODEL No. 🕥	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	TYPE	REMARKS						
A	CEILING REGISTER	RETURN	535	-	OPPOSED BLADE	PER ARCH.	2X2 LAY IN	REFER TO 2347						
B	CEILING REGISTER	EXHAUST	535	_			1X1 LAY IN	REFER TO 2347						
\bigcirc	CEILING DIFFUSER	SUPPLY	SCD	4-WAY	V	V	1X1 LAY IN	REFER TO 2346						

 ${\sf N}$ (1) AS MANUFACTURED BY "PRICE".

T (2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

S PROVIDE MOUNTING FRAME COMPATIBLE W/ MOUNTING SURFACE. COORDINATE ALL BORDER TYPES, COLORS, FINISHES AND DIMENSIONS WITH ARCHITECT. 4) STEEL CONSTRUCTION. 5 ALUMINUM CONSTRUCTION.

6	SUPPL NOT			. PER 500 fpi		PANGE	7	RETUI (NOT		CK SIZ CEED		CFM F om)	RANGE	
50 TO 99	100 TO 299	300 TO 499	500 TO 799	800 TO 1199	1200 TO 1499	TO	50 TO 149	150 TO 249	250 TO 399	400 TO 599	600 TO 799	800 TO 1099	1100 TO 1199	120 TC 239
6x6	9x9	12x12	15x15	18x18	21X21	24X24	6x6	8X8	10X10	12X12	14X14	16X16	18X18	24X

	SCHEDULE OF DUCT MOUNTED D/X COILS														
MARK	SERVICE	CLG. CAPACITY BTU/HR	HTG. CAPACITY BTU/HR	E.A.T. (° F)	L.A.T. (°F)	CFM	COIL FACE AREA SQ.FT.	COIL FACE VELOC.FPM	ROWS	REMARKS					
DXC 1	ERU 1	22,600	27,000	90	58	640	-	400	ı	REFER TO (12345)					

 ${\sf N}$ (1) AS MANUFACTURED BY "NATIONWIDE COILS INC."

(2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. \mathbf{F} (3) BASED ON A.R.I. CERTIFIED COIL SELECTIONS. REFRIGERANT R-410.

ho (4) provide duct mounted cased dx cooling/heating coil section supported from STRUCTURE ABOVE, MOUNTING HARDWARE, ACCESS DOORS ON BOTH SIDES OF COIL, ASSOCIATED PIPING, CONTROLS AND APPURTENANCES.

5 PROVIDE EEV KIT AND COMMUNICATION KIT FOR D/X COIL OPERATION WITH LG VRF SYSTEM. KITS SHALL BE FIELD INSTALLED. AHU KIT REQUIRES 208/1/60 POWER.

	SCF	HEDULE OF	VRF	DU	CTLE	SS HE	EAT R	ECOV	'ERY	/N	DOOR UNITS
	051	IEDAL DATA	10								
1		ERAL DATA MODEL		PPLY FAN MOTOR		TOTAL CAP	LING COIL DA SENSIRIE CAP		HEATIN TOTAL CAP	ENT.	REMARKS
MARK	LOCATION	No. 🕜				BTU/HR	BTU/HR	ENI. AIR TEMP. DB/WB	BTU/HR	AIR TEMP	
FC A	CEILING	ARNU093TRD4	283	0.20	208/1/60	9,600	9,000	77 57	10,900	59	REFER TO 2345 6

N (1) AS MANUFACTURED BY "LG." (KLIMA NEW YORK 914 255-4390) 6 THE VRF SYSTEM SHALL BE ABLE TO INTEGRATE WITH THE BUILDING MANAGEMENT (2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. (3) BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A.

SYSTEM VIA BACNET IP GATETWAY. THIS GATEWAY CONVERTS BETWEEN BACNET IP OR MODBUS TCP PROTOCOL, AND RS-485 LGAP (LG AIRCON PROTOCOL) ALLOWING THIRD PARTY CONTROL AND MONITORING OF THE LG A/C SYSTEM, OR LONWORKS GATEWAYS. 4 PROVIDE FACTORY MOUNTED INTEGRAL CONDENSATE PUMP, CHECK VALVE, ANTI SWEAT SLEEVE AND AUTO SHUTDOWN OVERFLOW SWITCH.

SCHEDULE OF CABINET HEATERS														
MARK	TYPE UNIT	MODEL Nº ①	CAP MBH	ACITY CFM	DATA GPM	PD.FT.	MOTOR WATTS		ELECTRIC SERVICE	REMARKS				
(CH) A	WALL	W 1070 03	22.7	335	2.0	0.26	1/15	1050	120/1/60	23456				

N (1) AS MANUFACTURED BY "STERLING".

1 (2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. (3) CAPACITIES BASED ON LOW SPEED FAN SETTING, AND 170 A.W.T.

4 PROVIDE 2 ROW COIL, THROWAWAY FILTERS, INTEGRAL SPEED CONTROL, DISCONNECT SWITCH, REMOTE WALL SENSOR CONNECTED TO BMS, GASKET AND PERMA LAP FRAME. COORDINATE FINISH AND COLOR WITH

(5) UNIT DIMENSIONS 36"x25"x9.5", WEIGHT 150 LBS.

6 PROVIDE WITH HOT WATER RETURN AQUASTAT. AQUASTAT SHALL NOT ALLOW FAN TO OPERATE AT WATER TEMPERATURE BELOW 98 DEGREES F.

	SCHEDULE OF ENERGY RECOVERY UNITS																						
GENERAL DATA SUPPLY FAN DATA RETURN-EXH. FAN DATA ELECTRICAL DATA HEAT EXCHANGER HOT WATER HEATING COIL DATA 3 FILTER PHYSICAL DATA																							
MARK	SERVICE	LOCATION	OAI	MODEL () No.	CFM	MOTOR HP	E.S.P. IN WG	CFM	MOTOR HP	E.S.P. IN WG	МСА	MOP	ELECTRICAL SERVICE	MODEL	THERMAL EFFICIENCY (%)	MARK	CAPACITY TOTAL MBH	E.A.T. °F	L.A.T. *F	GPM	TYPE	LxHxW(in.)/WEIGHT(lbs)	REMARKS
ERU 1	PPS RENOVATION	PPS CEILING	640	U-ERV-600	640	-	1.0	550	-	0.75	8.3	15	208/1/60	HEAT WHEEL	<i>75</i>	HWC 1	-	-	_	ı	2" MERV 13	57x12x69/96	REFER TO 23456

PROVIDE UNIT WITH MERV 13 FILTERS, DX VRF COOLING/HEATING COIL WITH DRAIN PAN, ECM MOTORS, 100% ECONOMIZER, DRY CONTACTS FOR DIRTY FILTER INDICATOR, FROST CONTROL, PHASE PROTECTION, DISCONNECT SWITCH, AND MOTORIZED DAMPERS FOR OA, EA. T (2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. DUCT MOUNTED COIL BASED ON ENTERING/LEAVING WATER TEMPERATURES HW 180/160: (5) PROVIDE EEV KIT AND COMMUNICATION KIT FOR D/X COIL OPERATION WITH LG VRF SYSTEM.

6 INDICATED EQUIPMENT DESIGNATIONS ARE FOR USE IN CONSTRUCTION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER ON DESIRED FINAL TAG IDENTIFICATION/NUMBERING/LETTERING. OWNER APPROVED DESIGNATIONS SHALL BE USED IN BMS PROGRAMMING AND ON PÉRMANENT EQUIPMENT IDENTIFICATION TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL IDENTIFICATION TAG

SC	CHEL	DULE ()F	DU	CT	MC	DUNTE	ED H	OT V	VATE	R H	IEATING COILS
WARK	SERVICE	HTG. CAPACITY BTU/HR	E.A.T. (° F)	L.A.T. (°F)	E.W.T. (° F)	L.W.T. (°F)	GPM	CFM	COIL FACE AREA SQ.FT.	COIL FACE VELOC.FPM	ROWS	REMARKS
HWC 1	ERU 1	55,300	10	90	180	160	4.8	640	_	500	_	0234567

N (1) AS MANUFACTURED BY "NATIONWIDE COILS INC." AIR PRESSURE DROP ACROSS COIL SHALL NOT EXCEED 0.30" S.P.

[3] INSTALL PER MANUFACTURER'S RECOMMENDATIONS. $\mathsf{S}(4)$ coil shall be minimum 2 rows with minimum of 8 fins per inch. (5) 5/8" TUBE AND ALUMINUM FINS.

5 PROVIDE MOUNTING HARDWARE, VIBRATION ISOLATORS, DISCONNECT, AND

HARDWIRED REMOTE WALL MOUNTED THIRD PARTY CONTROLLER/THERMOSTAT.

(6) GALVANIZED PITCHED CASING. 7) THE WATER COIL IS SIZED TO HANDLE OUTDOOR AIR QUANTITIES AT 100 PERCENT (WITH ENERGY RECOVERY UNIT IN OPERATION) OF OCCUPANCY

WITHOUT HAVING TO RESORT TO CLOSING OUTDOOR AIR INTAKE

DAMPERS ON A "DESIGN HEATING DAY" TO PREVENT FREEZE-UP.

	SCHE	DUL	E	DF VRF	FLO	W SE	LECTOR	R UNITS	5
MARK	MODEL No. 🕥	CAPAC UNIT		A (BTU/HR) EACH PORT	MCA	ELECTRIC SERVICE		DATA WEIGHT (LBS)	REMARKS
FS A	PRHR023A	120,000	2	60,000	0.17	208/1/60	19X19X9	35	REFER TO 234
ES B	PRHR033A	180,000	3	60,000	0.17	208/1/60	19X19X9	38	REFER TO
	PRHR043A	230,000	4	60,000	0.17	208/1/60	19X19X9	40	REFER TO 234

N (1) AS MANUFACTURED BY "LG." (KLIMA NEW YORK 914 255-4390)

(2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. (3) REFRIGERANT R-410A.

4) PROVIDE MOUNTING HARDWARE. MOUNT UNIT HORIZONTALLY.

SEAL	
ISSUED FOR BID	06/21/20

MOUNT PLEASANT

CENTRAL SCHOOL

2024 WLHS PPS PROJECT

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BARILE GALLAGHER & ASSOCIATES

REILLY TARANTINO ENGINEERING

SOLUTIONS & TECHNOLOGIES, INC.

BUILDING TECHNOLOGY CONSULTING

GOLDSTICK LIGHTING DESIGN

DISTRICT

SCHOOL

ARCHITECT

2 LYON PLACE

914.915.9519

WHITE PLAINS, NY 10601

MEMASIDESIGN.COM

MEP CONSULTANT

PLEASANTVILLE, NY 10570

STRUCTURAL CONSULTANT

1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762

WAPPINGERS FALLS, NY 12590

LIGHTING CONSULTANT

629 FIFTH AVE, #204

PELHAM, NY 10803

SITE-CIVIL CONSULTANT

SARATOGA SPRINGS, NY 12866

THE LA GROUP **40 LONG ALLEY**

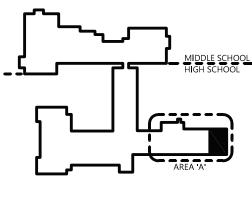
SECURITY CONSULTANT

992 BEDFORD STREET BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT QUALITY ENVIORNMENTAL

39 MARBLE AVE.

1376 ROUTE 9



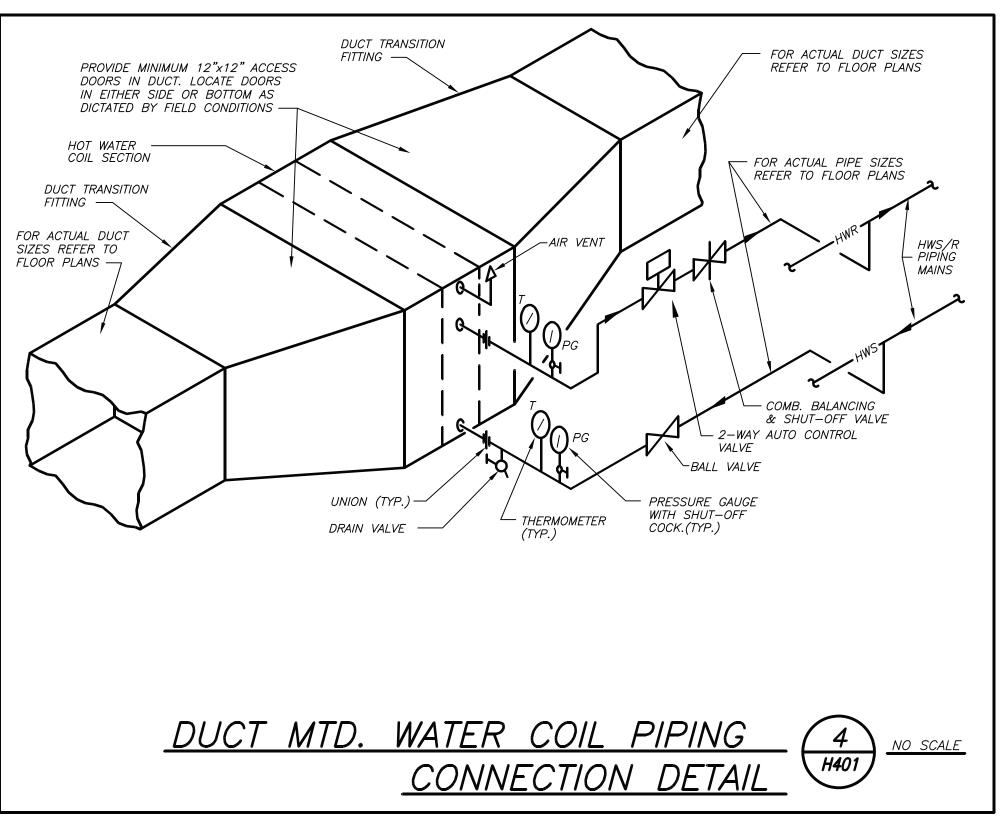
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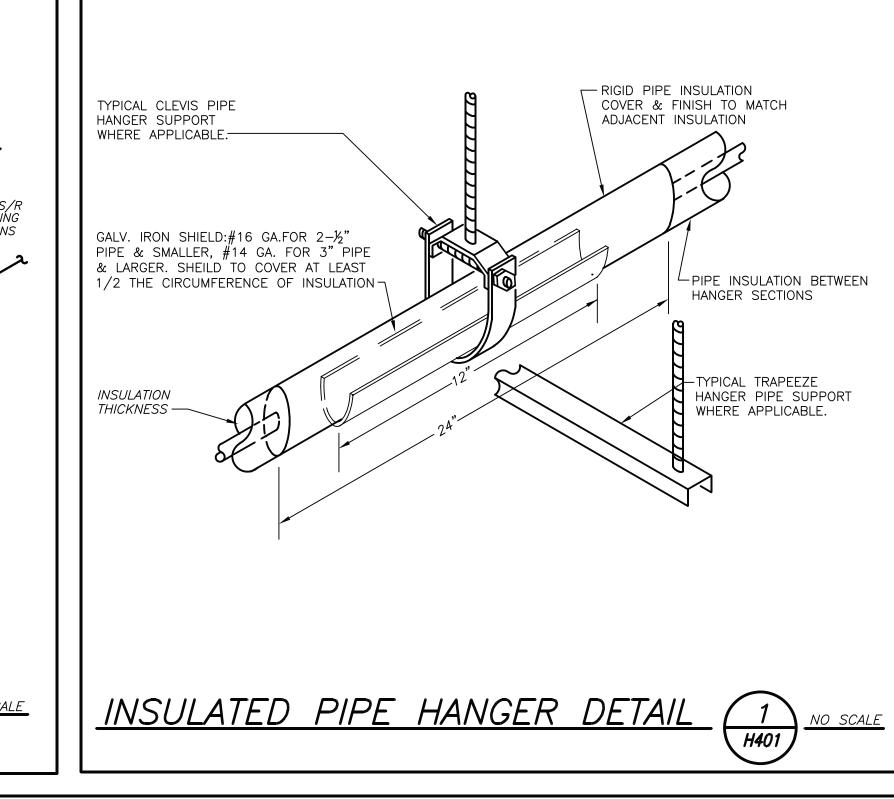
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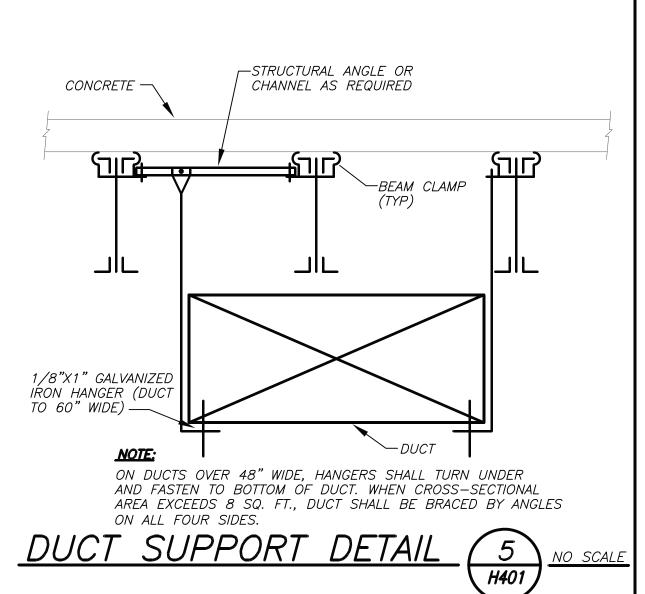
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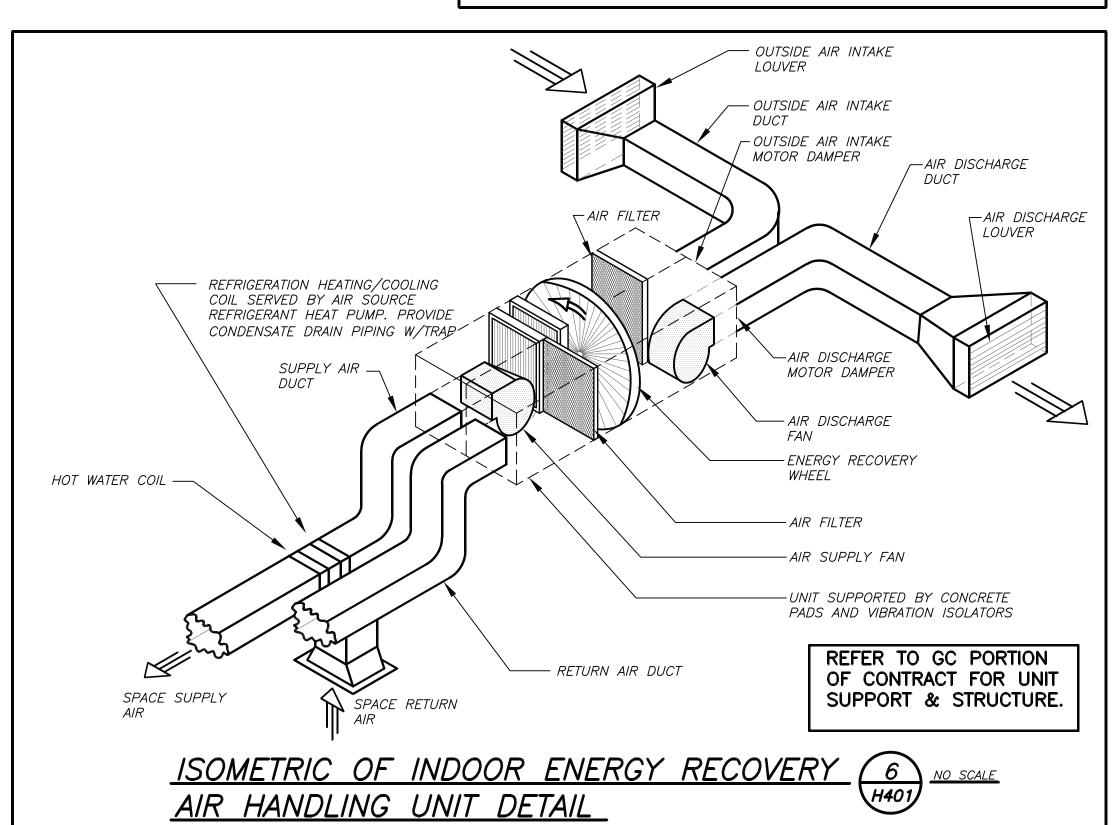
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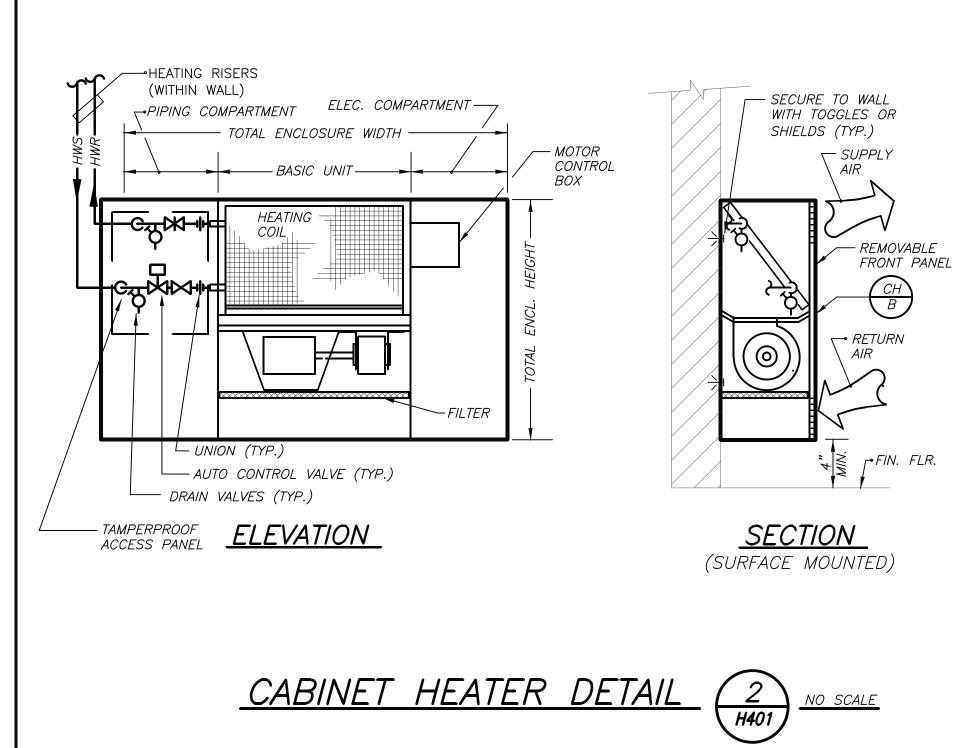
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

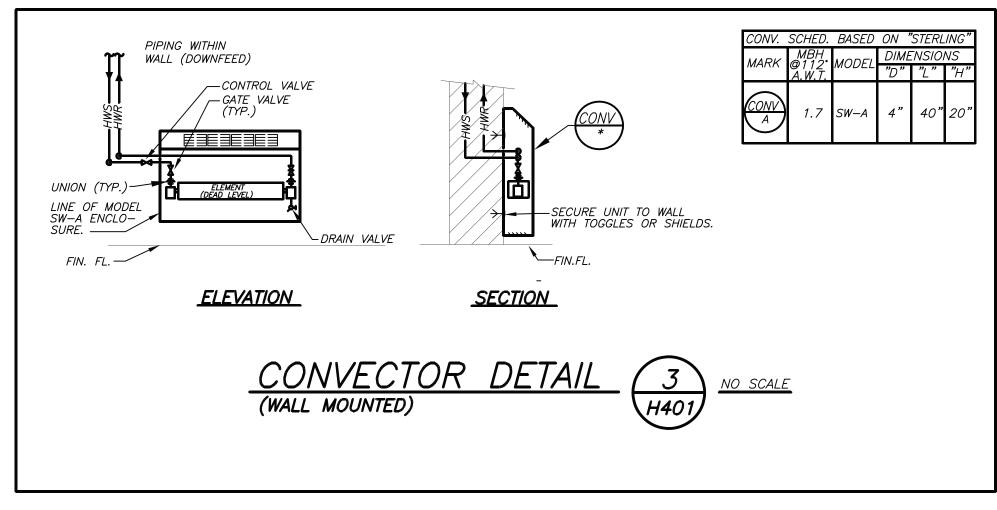












MOUNT PLEASANT CENTRAL SCHOOL DISTRICT

2024 WLHS PPS PROJECT

WESTLAKE MIDDLE / HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$ 2 LYON PLACE

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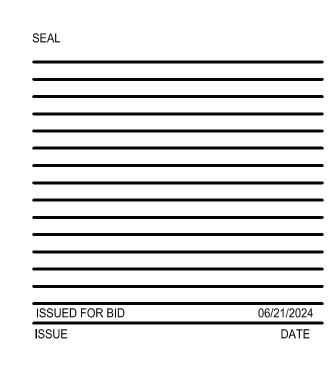
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762

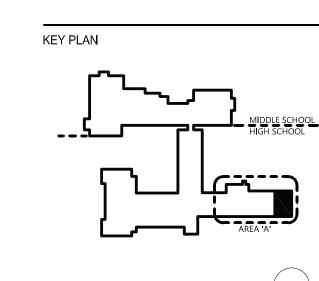
HAZARDOUS MATERIALS CONSULTANT QUALITY ENVIORNMENTAL SOLUTIONS & TECHNOLOGIES, INC. 1376 ROUTE 9 WAPPINGERS FALLS, NY 12590

LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803

SITE-CIVIL CONSULTANT THE LA GROUP **40 LONG ALLEY** SARATOGA SPRINGS, NY 12866

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324



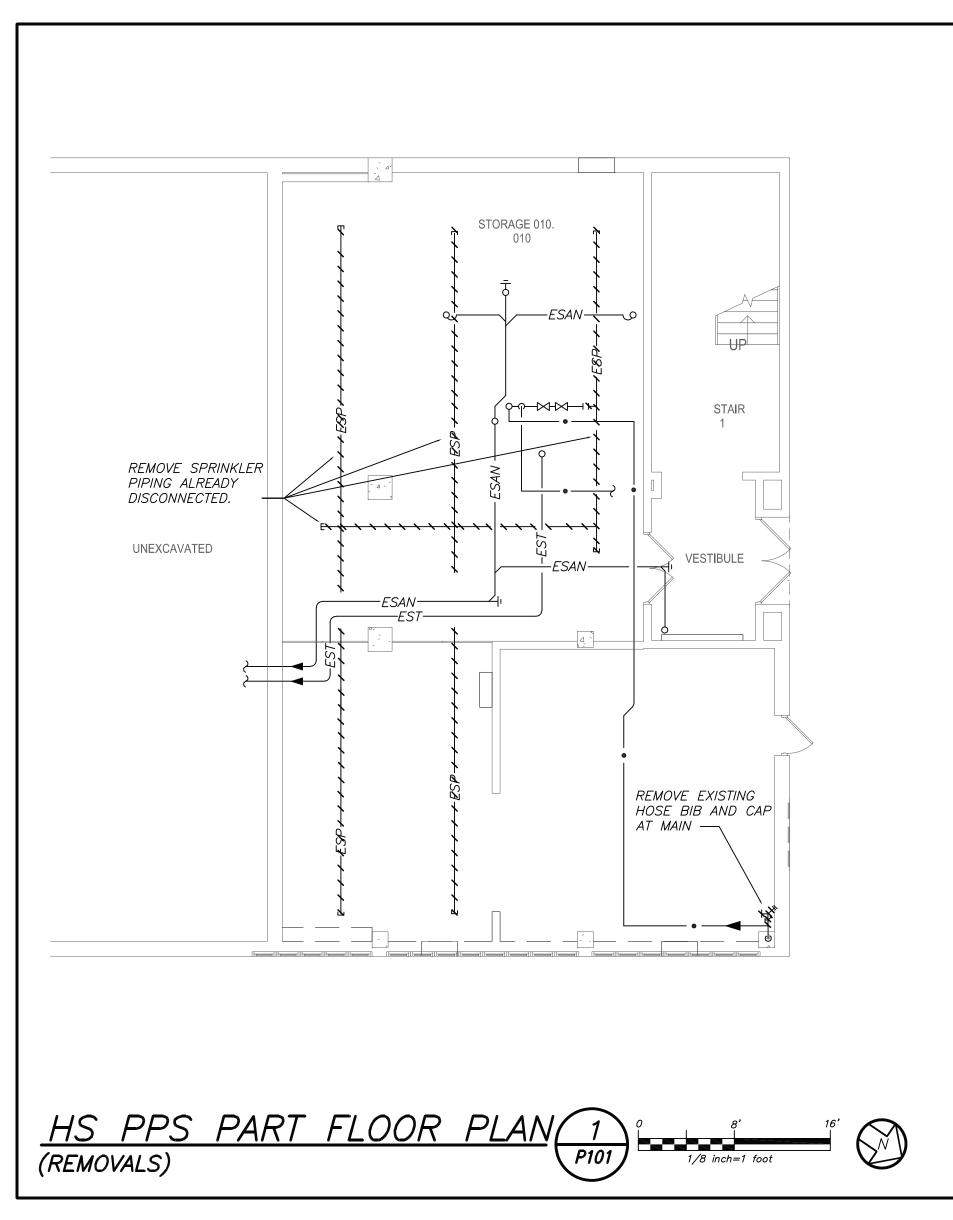


SED PROJECT NO. MEMASI PROJECT NO.

DETAILS

H401

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



	EXISTING PIPING, FIXTURES, ETC. TO REMAIN
	NEW PIPING, FIXTURES, ETC.
•-	COLD WATER PIPING
	HOT WATER PIPING
	HOT RETURN WATER PIPING
- PD -	PUMP DISCHARGE
	PLUMBING VENT PIPING
=ESAN=	EXISTING SANITARY PIPING (UNDERGROUND)
— EST —	EXISTING STORM PIPING
= EST ==	EXISTING STORM PIPING (UNDERGROUND)
— SAN —	SANITARY PIPING
= SAN =	SANITARY PIPING (UNDERGROUND)
- ST -	STORM PIPING
— <i>EG</i> —	EXISTING GAS PIPING
— ESP —	EXISTING SPRINKLER PIPING
	FLOW DIRECTION WITHIN PIPE
	CLEANOUT
	CLEANOUT DECK PLATE
\longrightarrow	GATE VALVE
- 	COMBINATION BALANCING & SHUT-OFF VALVE
<u> </u>	OS & Y VALVE
_Ø	CHECK VALVE
—ф—	GAS SHUT OFF COCK
ᡷ᠇ᠬᢇ᠊᠊ᠣ	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP)
*	PLUMBING FIXTURE IDENTIFICATION
SP	SEWAGE EJECTOR IDENTIFICATION
P.C.	PLUMBING CONTRACTOR
G.C.	GENERAL CONTRACTOR
HVAC	HVAC CONTRACTOR
VTR	VENT THRU ROOF
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
PRV	PRESSURE REDUCING VALVE
	POINT OF DISCONNECTION
•	POINT OF CONNECTION, NEW TO EXISTING
*	PART PLAN, DETAIL, SECTION NUMBER
	—— DRAWING NUMBER —— SECTION IDENTIFICATION

PLUMBING FIXTURE SCHEDULE								
MARK	DESCRIPTION	W	BRAN V	CH SIZE H	С			
А	WALL MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED)	4"	2"	_	1 "			
В	FLOOR MOUNTED LAVATORY (HANDICAPPED)	2"	1-1/2"	3/4"	3/4"			
С	RECESSED BOTTLE FILLER (HANDICAPPED)	2"	1-1/2"	_	3/4"			
X	EXISTING FIXTURE TO BE REMOVED		_	_	-			
R	EXISTING FIXTURE TO REMAIN		_	_	-			

REMOVAL NOTES

- 1) REMOVE ALL PLUMBING FIXTURES, EQUIPMENT, SPECIALTIES, DRAINS, CONTROLS, HANGERS, BASES, SUPPORTS, PIPING, VALVES, TUBING AND PLUMBING ACCESSORIES THAT ARE NOT INCORPORATED IN THE NEW LAYOUT.
- (2) WHERE REMOVAL IS INDICATED OR IMPLIED OR NOT INCORPORATED IN INCLUDES ALL GAS, SANITARY, VENT, WATER, ACID WASTE AND PUMP DISCHARGE PIPING. REFER TO DIVISION I OF SPECIFICATION THE NEW LAYOUT, THE ITEM ITSELF IS TO BE REMOVED COMPLETELY TOGETHER WITH ALL CONNECTING PIPING, SPECIALTIES, SUPPORTS, FOR CUTTING AND PATCHING REQUIREMENTS. CONTROLS, ETC. CONNECTING PIPING IS TO BE REMOVED BACK TO MAINS WHERE THE ARE TO BE CAPPED OR DISCONNECTED. THIS
- 3 WHERE EXISTING PIPING ENTERS INACCESSIBLE TRENCHES, TUNNELS, SHAFTS, WALLS AND CEILINGS INSIDE THE EXISTING BUILDING, IT SHALL BE CUT BACK AT LEAST 2" INTO SUCH INACCESSIBLE SPACES AND SHALL BE SUITABLY CAPPED AND SEALED BY THE CONTRACTOR.
- 4) THE CONTRACTOR SHALL EXERCISE NORMAL CAUTION TO PREVENT UNNECESSARY CUTTING AND DAMAGE TO THE EXISTING BUILDING. ANY EXCESSIVE DAMAGE AS DETERMINED BY THE OWNER SHALL BE REPAIRED AND PAID FOR BY THE CONTRACTOR CAUSING THE DAMAGE.
- (5) ALL DEMOLISHED EQUIPMENT ETC. EXCEPT THOSE ITEMS SPECIFICALLY REQUESTED BY THE OWNER SHALL BECOME THE CONTRACTOR'S PROPERTY, SHALL BE REMOVED FROM THE PREMISES, AND DISPOSED OF LEGALLY.

MOUNT PLEASANT **CENTRAL SCHOOL** DISTRICT

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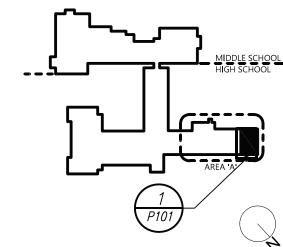
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LEGEND, NOTES & PARTIAL FLOOR PLAN PPS

P101

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