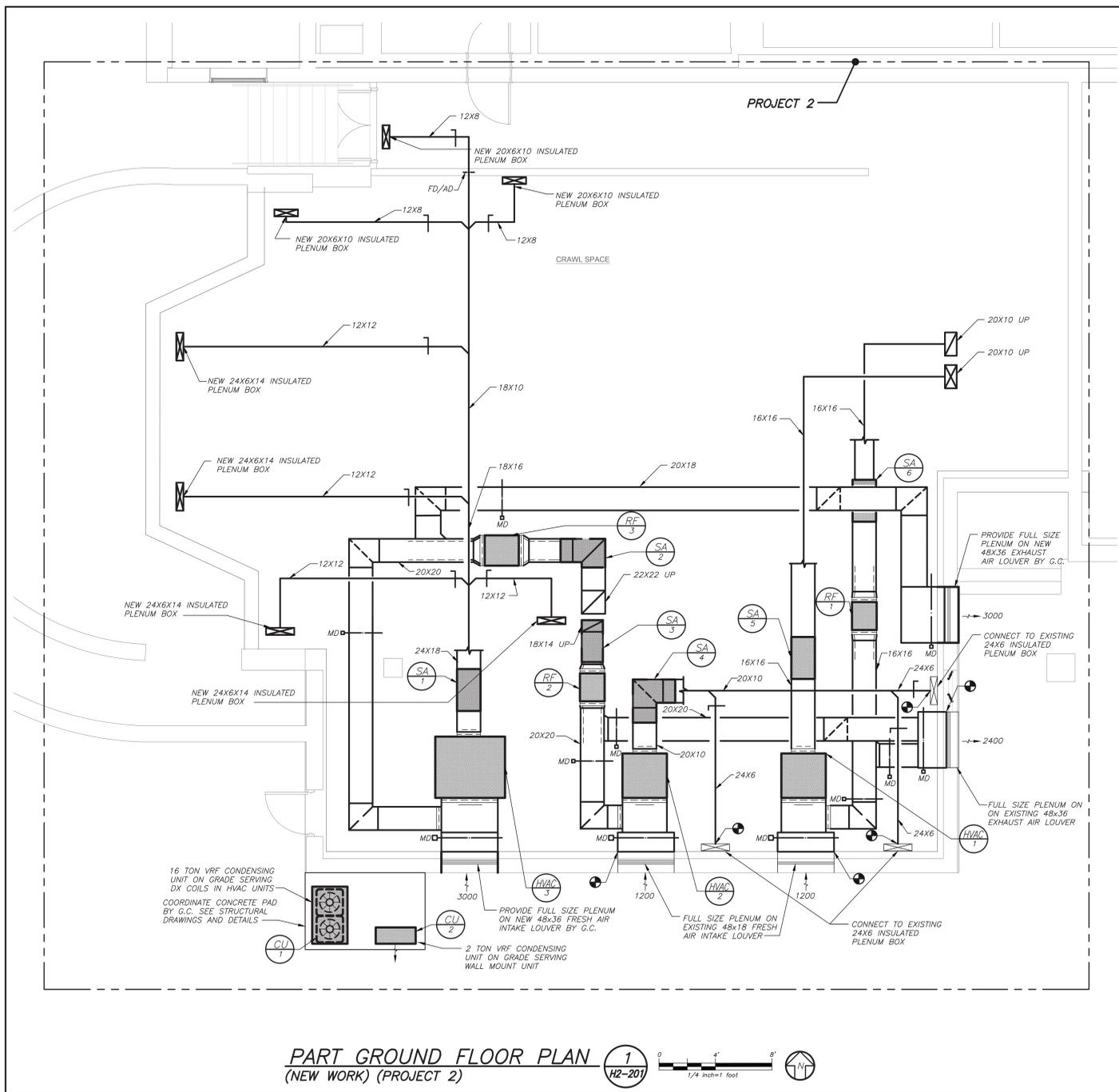


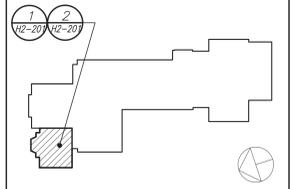
**PART GROUND FLOOR PLAN** (NEW WORK) (PIPING) (PROJECT 2) 2 H2-201



**PART GROUND FLOOR PLAN** (NEW WORK) (PROJECT 2) 1 H2-201

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

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021



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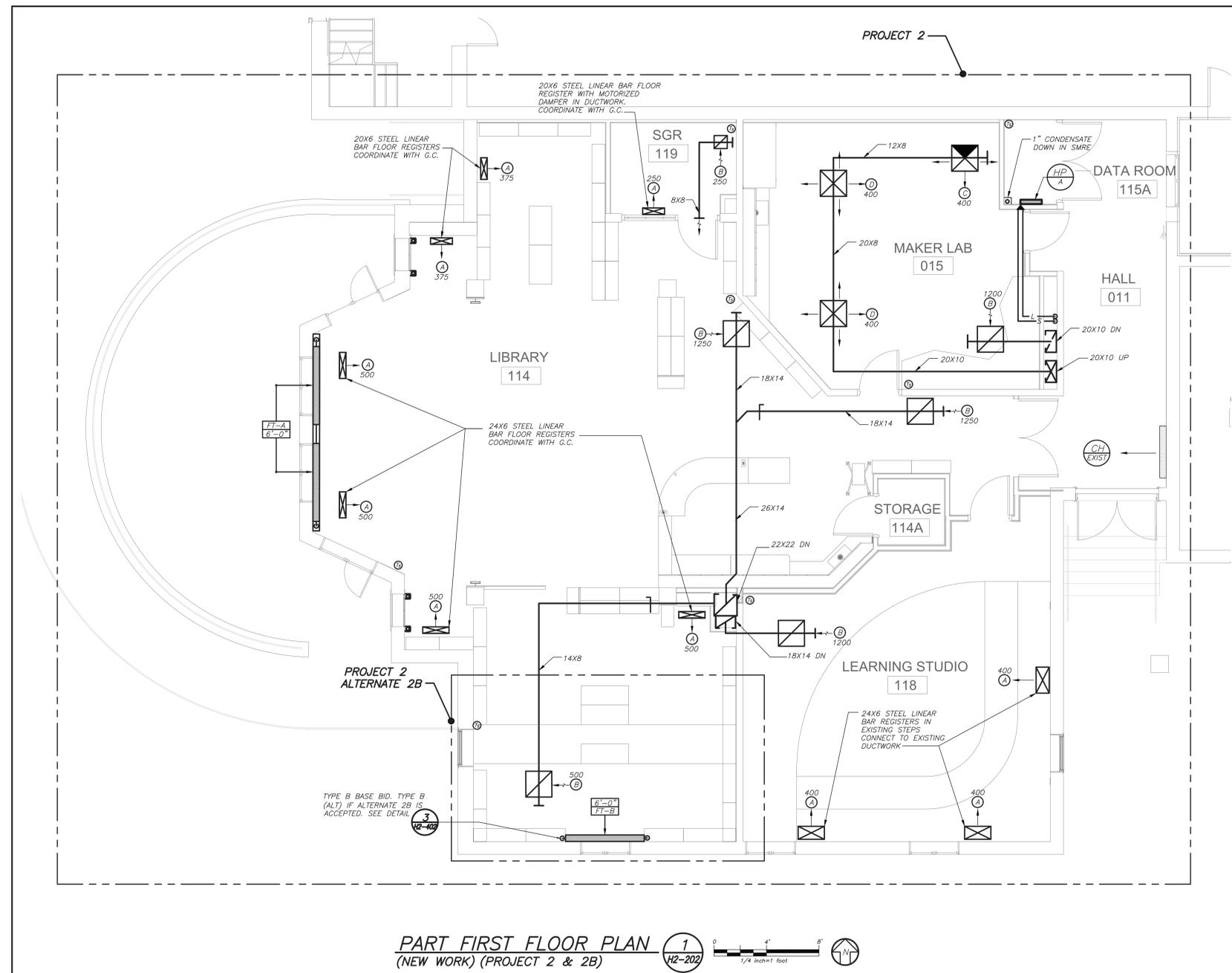
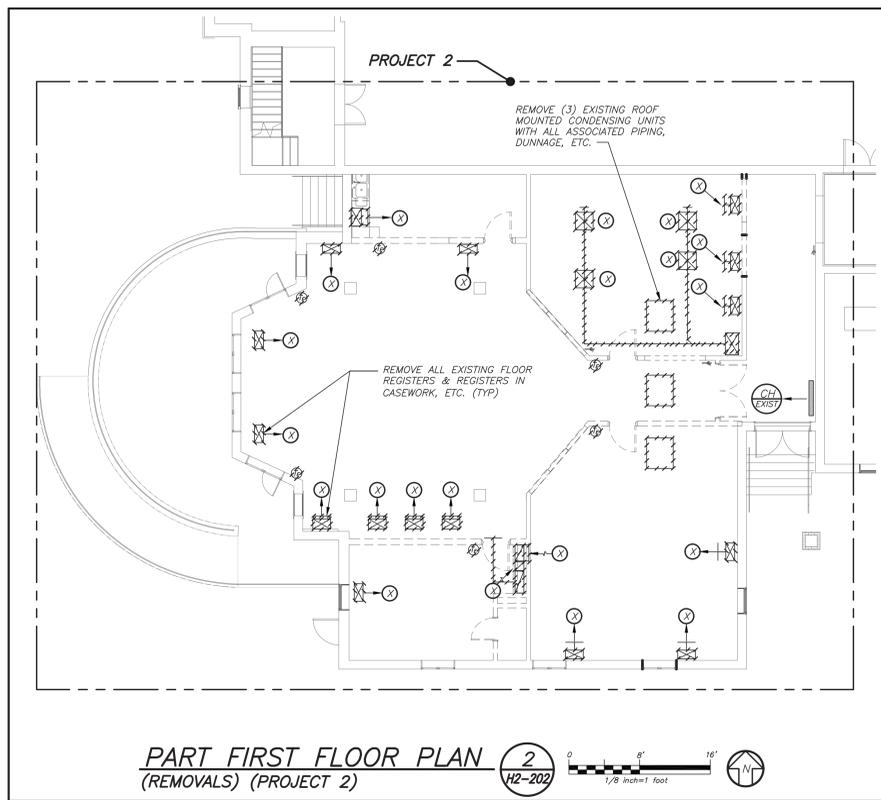
**Acoustic Consultant**  
 DP DESIGN  
 12 Cold Spring Street  
 Providence, RI  
 401-861-3218

SED#: 6618-0001-0002-015

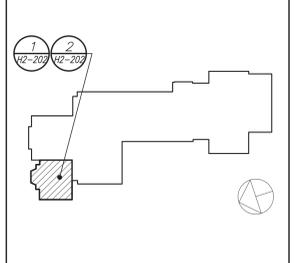
PROJECT  
**Rye City Schools**  
 555 Theodore Fremd Ave, Suite B-101  
**Milton Elementary School**  
 12 Hewlett St. Rye, NY 10580

GROUND FLOOR PLANS  
 PROJECT 2

SEAL & SIGNATURE DATE: 02/11/20  
 PROJECT No: 9200  
 DRAWING BY: BGA  
 CHK BY: BGA  
 DWG No: H2-201



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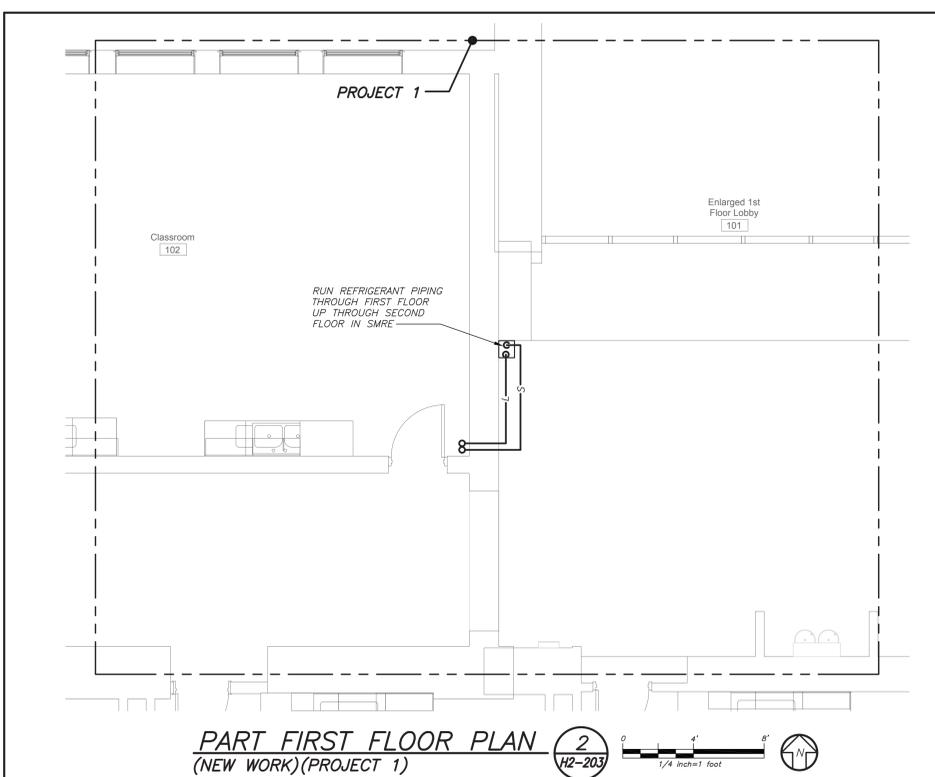
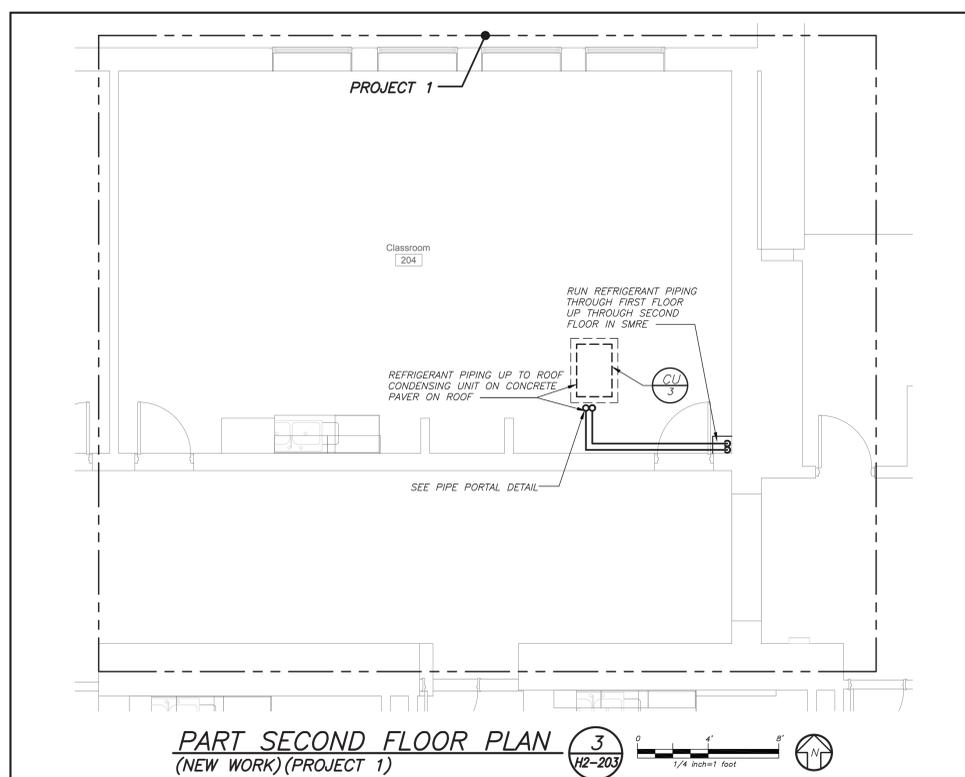
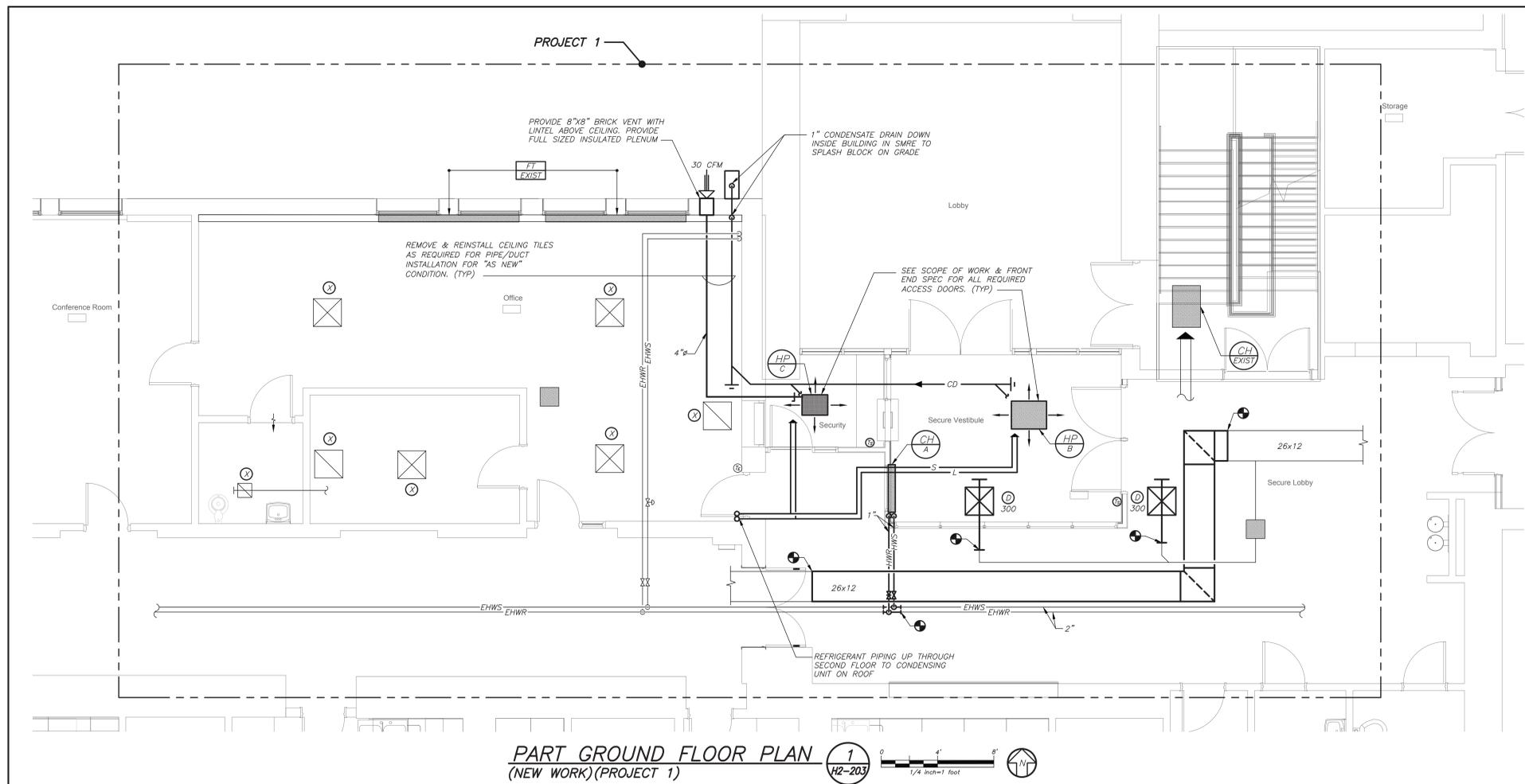
SED#: 6618-0001-0002-015

PROJECT  
**Rye City Schools**  
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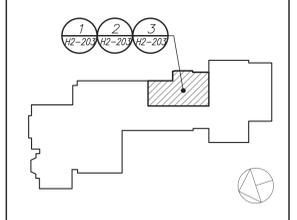
FIRST FLOOR PLANS  
 PROJECT 2 & 2B

SEAL & SIGNATURE	DATE: 02/11/20
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: H2-202

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



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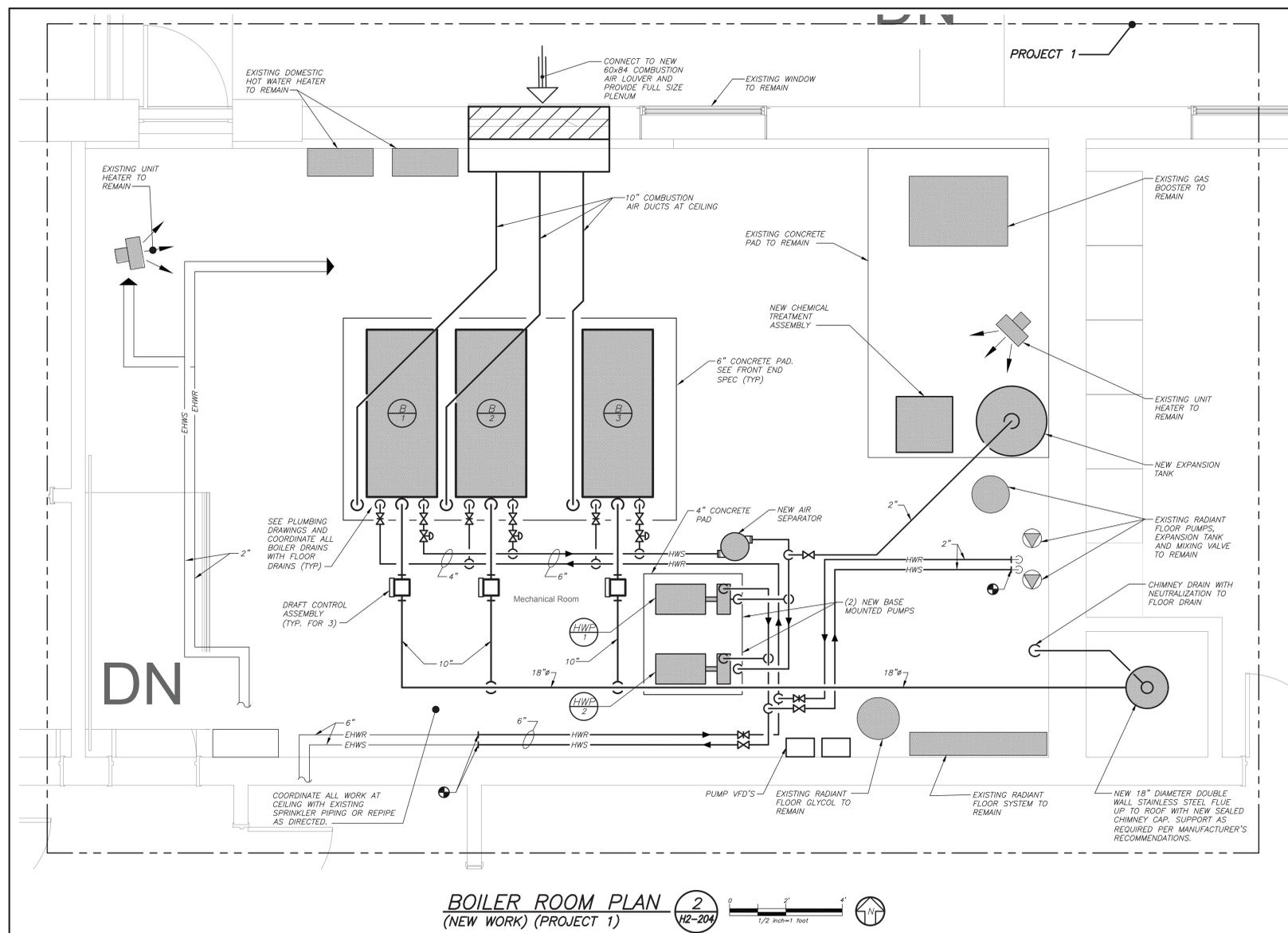
SED#: 6618-0001-0002-015

PROJECT  
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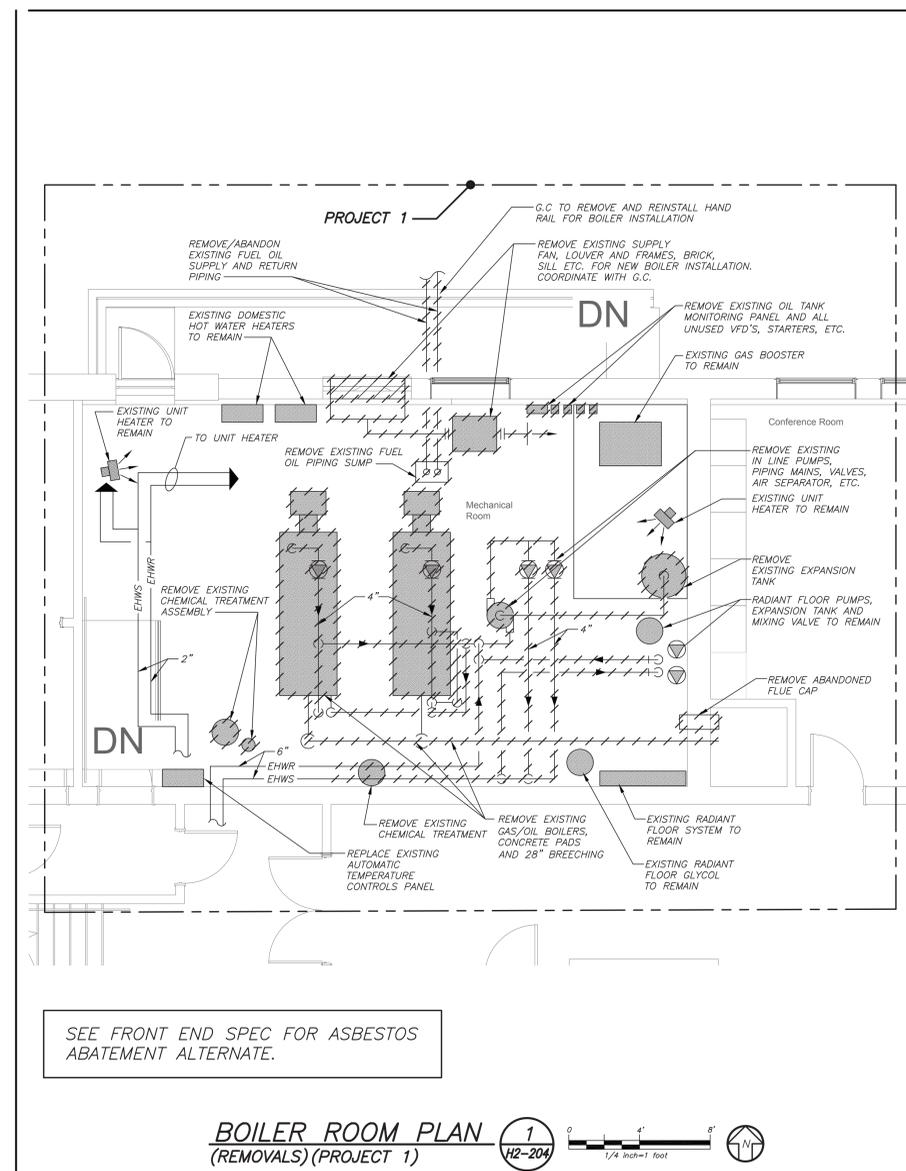
PART GROUND, FIRST AND SECOND FLOOR PLANS  
 PROJECT 1

SEAL & SIGNATURE DATE: 02/11/20  
 PROJECT No: 9200  
 DRAWING BY: BGA  
 CHK BY: BGA  
 DWG No: H2-203

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

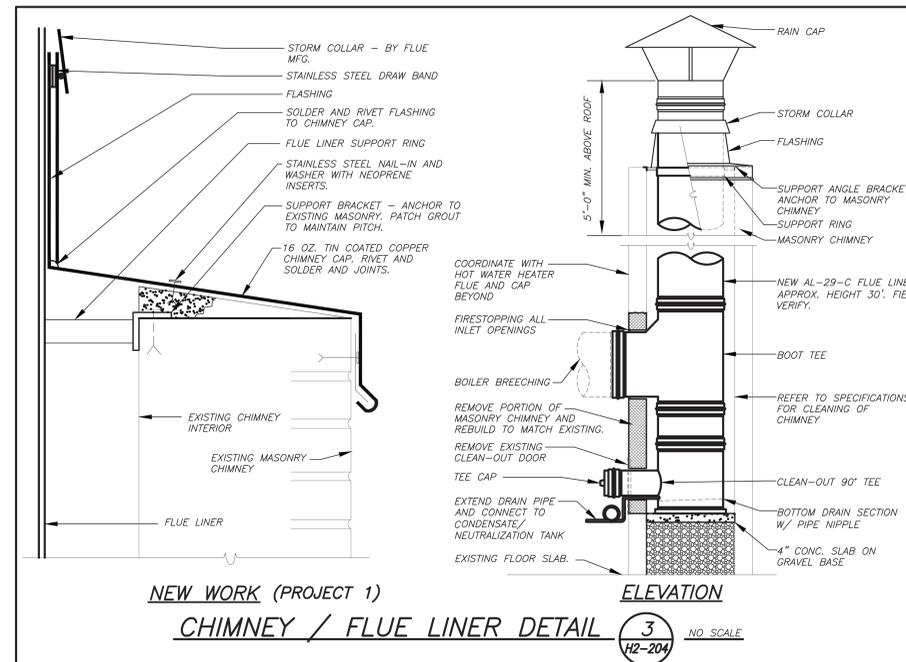


**BOILER ROOM PLAN (NEW WORK) (PROJECT 1)** 2 H2-204 1/2" = 1' foot



SEE FRONT END SPEC FOR ASBESTOS ABATEMENT ALTERNATE.

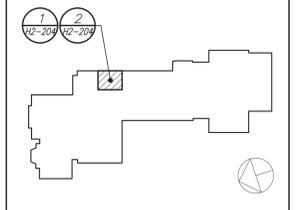
**BOILER ROOM PLAN (REMOVALS) (PROJECT 1)** 1 H2-204 1/4" = 1' foot



**NEW WORK (PROJECT 1) CHIMNEY / FLUE LINER DETAIL (ELEVATION)** 3 H2-204 NO SCALE

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

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SED#: 6618-0001-0002-015

PROJECT  
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**BOILER ROOM PLANS AND DETAIL**  
 PROJECT 1

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/11/20  
 PROJECT No: 9200  
 DRAWING BY: BGA  
 CHK BY: BGA  
 DWG No: H2-204

SCHEDULE OF EXPANSION TANK				
MARK	MODEL No. ①	TANK VOLUME GALS.	ACCEPTANCE VOLUME GALS.	REMARKS
ET	B-800	211	211	REFER TO ②③

**NOTES**

- AS MANUFACTURED BY "BELL & GOSSETT".
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- VERTICAL MOUNTING 125PSI ASME TANK, DIMENSIONS 30"x82" / 2300LBS.

SCHEDULE OF PUMPS										
MARK	SERVICE	LOCATION	MODEL No. ①	GPM	HEAD FT. H <sub>2</sub> O	RPM	MOTOR HP	ELECTRIC SERVICE	PHYSICAL DATA LxWxH (IN.) WEIGHT (LBS.)	REMARKS
HP	HEATING LOOP	MECHANICAL	SERIES E-1510 380 ES	400	80	1800	10	208/3/60	42X18X24 600	REFER TO ②③
HP	HEATING LOOP									

**NOTES**

- AS MANUFACTURED BY "BELL & GOSSETT".
- INSTALL PUMPS PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE WALL MOUNTED VFD'S.

SCHEDULE OF BOILERS										
BOILER DATA			BURNER DATA			ELECTRICAL			REMARKS	
MARK	LOCATION	MODEL No. ①	INPUT (MBH)	OUTPUT (MBH)	FUEL	SERVICE	MCA			
BOILER ROOM		ENDURA EDR-2300	2500	2420	GAS	208/3/60	29	REFER TO ②③④⑤		

**NOTES**

- AS MANUFACTURED BY "FULTON". BURNER INTEGRAL TO BOILER. HOT WATER BASED ON 140°F E.W.T., 160°F L.W.T.
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- BOILER INSTALLATION SHALL CONFORM TO ALL REQUIREMENTS OF INSURANCE UNDERWRITER, NFPA AND ALL AUTHORITIES HAVING JURISDICTION. BOILERS SHALL BE FULLY FIELD COMMISSIONED BY AUTHORIZED TECHNICIAN FOR THE TYPE OF GAS FIRED (LPG OR NG). IF THE TYPE OF GAS IS CHANGED AFTER STARTUP THE BOILERS SHALL BE FULLY RE-COMMISSIONED BY AUTHORIZED TECHNICIAN.
- PROVIDE MANUFACTURER RECOMMENDED COMBUSTION AIR INTAKE AND EXHAUST VENT PIPING, VENT PIPE CONDENSATE DRAIN, HIGH/LOW LIMIT CONTROL, DUAL LOW WATER CUT OFFS, OUTDOOR AIR TEMPERATURE SENSOR KIT, MULTIPLE BOILER CONDENSATE NEUTRALIZER PACKAGE. VENT PIPING PER THIS MANUFACTURER AL-29-4C OR 316L BACHMANN CONTROLS, DISCONNECT SWITCH, LEAD LAG CONTROLS, MOTORIZED ISOLATION VALVES, BOILER PUMP START/STOP SIGNAL, VENTLESS GAS TRAIN, MODSIGN CONTROL PANEL.

SCHEDULE OF AIR HANDLING UNITS																											
GENERAL DATA				FAN DATA				HEATING COIL DATA				COOLING COIL DATA				FILTER DATA		PHYSICAL DATA			ELECTRICAL DATA			CONDENSING UNIT		REMARKS	
MARK	SERVICE/LOCATION	MODEL NUMBER ①	QAI MAX./MIN.	CFM	EXT. S.P. IN H <sub>2</sub> O	FAN RPM	MOTOR HP	TOTAL CAP. MBH	ENT. AIR TEMP. DB °F	L.V.G. AIR TEMP. DB/WB °F	GPM	TOTAL CAP. MBH	SENSIBLE CAP. MBH	ENT. AIR TEMP. DB/WB °F	L.V.G. AIR TEMP. DB/WB °F	QTY.	SIZE (IN.)	TYPE	WEIGHT (LBS.)	LxWxH (IN.)	FLA	MCA	MOP	SERVICE	MARK	SERVICE	REMARKS
HP	LIBRARY/CRAWL SPACE	HCA12	1200/400	1200	1.5	1724	1	64.33	55	103	5	41.61	28.53	80/67	58/56	1	16X32X4	MERV 13	250	44X38X18	7	8.8	15	208/1/60	HP	LIBRARY	REFER TO ②③
HP	LIBRARY/CRAWL SPACE	HCA30	3000/1000	3000	2.0	1351	3	159.21	55	103	10	100.20	69.46	80/67	59/56	1	16X25X4	MERV 13	600	58X54X34	7.5	9.8	15	208/3/60			②③

**NOTES**

- AS MANUFACTURED BY "MAGICAIRE".
- INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- DESIGN AIR CONDITIONS: SUMMER: OA (94°F/75°F) RA (77°F/65°F); WINTER: OA (5°F/3°F) RA (70°F/55°F).
- BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A, SEER 12.0
- PROVIDE FACTORY INSTALLED POWERED CONVENIENCE OUTLET, MOTORIZED DAMPERS, DISCONNECT SWITCH, HUMIDITY CONTROLS, MERV 13 FILTERS, DIRTY FILTER STATUS, 100% ECONOMIZER CONTROLS, NEMA 3R VFD.

SCHEDULE OF RETURN FANS											
MARK	SERVICE	LOCATION	TYPE	MODEL No. ①	CFM	EXT. S.P. IN H <sub>2</sub> O	RPM	HP (WATTS)	ELECTRIC SERVICE	PHYSICAL DATA LxWxH WEIGHT	REMARKS
RF	LIBRARY	CRAWL SPACE	IN-LINE	50-130HP-VG	1200	1.0	1929	3/4	208/1/60	24X21X21 78	REFER TO ②③
RF	LIBRARY	CRAWL SPACE	IN-LINE								
RF	LIBRARY	CRAWL SPACE	IN-LINE	50-160-VG	3000	1.5	1539	2	208/3/60	29X26X26 191	

**NOTES**

- AS MANUFACTURED BY "GREENHECK"
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE FACTORY MOUNTED DISCONNECT SWITCH, MOTORIZED DAMPER, VFD WITH VFD RATED MOTOR, SCHEDULED CONTROLS, MOUNTING HARDWARE, SPRING ISOLATORS, COMPANION FLANGES, OUTLET GUARD, MOTOR COVER, NAME PLATE INDICATING MODEL No., CFM, STATIC PRESSURE, RPM, HP, AND ELECTRICAL SERVICE

SCHEDULE OF OUTDOOR CONDENSING UNITS														
GENERAL DATA			CAPACITY		PHYSICAL DATA			ELECTRICAL SUPPLY			EFFICIENCY		REMARKS	
MARK	SERVICE	MODEL No. ①	COOL/HEAT (MBH)	UNIT WEIGHT (POUNDS)	D	W	H	SERVICE	MCA	MOP	EER/SEER			
CU	LIBRARY	ARUM192BTE5	192/216	688	30	49	67	208/3/60	35.7	50	12.4/25.9	REFER TO ②③④⑤⑥⑦⑧		
CU	DATA CLOSET	LSU120HSV5	12/13.6	80	14	34	22	208/1/60	10	15	12.5/22.7	REFER TO ②③④⑤⑥⑦⑧		
CU	VESTIBULE	ARUN024GSS4	24/27	176	16	38	33	208/1/60	19.6	30	10.7/17.0	REFER TO ②③④⑤⑥⑦⑧		

**NOTES**

- AS MANUFACTURED BY "L.G."
- BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A.
- INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- SECURE UNIT TO CONCRETE EQUIPMENT CONDENSING UNIT PADS ON GRADE.
- DC INVERTER COMPRESSOR SPEED CONTROL BASED ON SYSTEM LOAD.
- UNIT SHALL BE CONTROLLED VIA MANUFACTURER'S DDC NETWORK CONTROLLER TO INDOOR HARDWIRED CONTROLLER.
- PROVIDE UNIT WITH SNOW/WIND GUARD AT FAN INTAKE, DISCONNECT SWITCH, EQUIPMENT SUPPORTS, VIBRATION ISOLATION PADS AND LOW AMBIENT CONTROLS. EXTEND CONTROLLING WIRING FROM OUTDOOR UNIT TO INDOOR UNIT.
- LOW SOUND CONDENSER FAN.
- SECURE UNIT TO ROOF MOUNTED CONCRETE EQUIPMENT CONDENSING UNIT PAVES.

SCHEDULE OF INDOOR VRF HEAT PUMP UNITS											
INDOOR UNIT INFORMATION											
GENERAL DATA		MODEL No. ①		SUPPLY FAN DATA		TOTAL CAPACITY		DIMENSION/WEIGHT			REMARKS
MARK	SERVICE	Model No.	CFM HIGH	UNIT MCA	ELECTRIC SERVICE	COOLING/HEATING (MBH)	W (IN.)	D (IN.)	H (IN.)	LBS	
HP	DATA CLOSET	LSN120HSV5	338	-	208/1/60	12/13.6	33	8	13	25	REFER TO ②③④⑤⑥⑦⑧
HP	SECURE LOBBY	ARNU073TRD4	265	0.25	208/1/60	7.5/8.5	25	25	10	35	REFER TO ②③④⑤⑥⑦⑧
HP	SECURITY	ARNU033TRD4	265	0.25	208/1/60	5.5/6.1	25	25	10	35	REFER TO ②③④⑤⑥⑦⑧

**NOTES**

- AS MANUFACTURED BY "L.G."
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A, EER 12.4/SEER 25.9/HSFP10.3
- INDOOR UNIT POWERED FROM OUTDOOR UNIT.
- PROVIDE MOUNTING HARDWARE, DISCONNECT SWITCH AND HARDWIRED REMOTE WALL MOUNTED PREMIUM CONTROLLER/THERMOSTAT, DRY CONTACTS FOR BACNET BMS CONTROLS, ULTRA LONG LIFE PLASMA FILTER KIT, VIBRATION ISOLATORS, SPACER FOR CEILING HEIGHT ADJUSTMENT, DECORATIVE CEILING COVER, INLET GRILLE KIT, DRAFT AIR FLOW CONTROLS, INTEGRAL CONDENSATE PUMP (FOR CASSETTE UNITS).
- PROVIDE MOUNTING HARDWARE, DRY CONTACTS FOR BACNET BMS CONTROLS, VIBRATION ISOLATORS, DISCONNECT AND HARDWIRED REMOTE WALL MOUNTED CONTROLLER/THERMOSTAT.

SCHEDULE OF REGISTERS AND DIFFUSERS										
MARK	TYPE	SERVICE	MODEL No. ①	DIRECTION/DISCHARGE	DAMPER TYPE	FINISH	TYPE	REMARKS		
A	FLOOR REGISTER	SUPPLY	LBPH - 25C	SINGLE DEFLECTION	OPPOSED BLADE	PER ARCH.	-	REFER TO ②③④⑤⑥		
B	CEILING REGISTER	EXHAUST	735FF	-	OPPOSED BLADE	PER ARCH.	LAY-IN	REFER TO ②③④⑤⑥		
C	CEILING DIFFUSER	SUPPLY	SCD	3-WAY	OPPOSED BLADE	PER ARCH.	LAY-IN	REFER TO ②③④⑤⑥		
D	CEILING DIFFUSER	SUPPLY	SCD	4-WAY	OPPOSED BLADE	PER ARCH.	LAY-IN	REFER TO ②③④⑤⑥		
X	EXISTING REGISTER/GRILLE									

**NOTES**

- AS MANUFACTURED BY "PRICE".
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- AIR OUTLETS TO BE OF STEEL CONSTRUCTION
- PROVIDE MOUNTING FRAME COMPATIBLE W/ MOUNTING SURFACE. COORDINATE ALL BORDER TYPES, COLORS, FINISHES AND DIMENSIONS WITH ARCHITECT.
- SUPPLY NECK SIZE PER CFM RANGE (NOT TO EXCEED 500 fpm)
- RETURN NECK SIZE PER CFM RANGE (NOT TO EXCEED 675 fpm)

SCHEDULE OF CABINET HEATERS												
MARK	TYPE UNIT	MODEL No. ①	CAPACITY DATA		MOTOR		ELECTRIC SERVICE		PHYSICAL DATA		REMARKS	
			BTU/HR	CFM	GPM	PD.FT.	HP	SERVICE	(IN)	WEIGHT (LBS)		
CH	SEMI-RECESSED WALL	RW-1120-03	20.6	3.35	2.0	0.25	1/15	1050	120/7/60	4.3Wx25Lx10H	115	REFER TO ②③④

**NOTES**

- AS MANUFACTURED BY "STERLING".
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS
- CAPACITIES BASED ON LOW SPEED FAN SETTING AND HW 160°F/140°F
- PROVIDE THROWAWAY FILTERS, DISCONNECT SWITCH, TWO ROW COIL, REMOTE THERMOSTAT/FAN CONTROLS, ELECTRONICALLY COMMUTATED MOTOR (ECM), OPTIONAL COLOR/FINISH SELECTED BY ARCHITECT, INTEGRAL SPEED CONTROL, SWITCH FIELD MOUNTED, RECESSED TRIM SECTION AND SEALS.

SCHEDULE OF DUCT MOUNTED SOUND ATTENUATORS										
MARK	SERVICE	AIR FLOW DIRECTION	CONFIG. TYPE	CFM	LENGTH	HEIGHT	WIDTH	PRESSURE DROP IN. S.P.	REMARKS	
HA	LIBRARY	SUPPLY	STRAIGHT	3000	36"	18"	24"	.20	REFER TO ②③④⑤	
HA	LIBRARY	RETURN	ELBOW	3000		20"	20"			
HA	LIBRARY	RETURN	ELBOW	1200		14"	18"			
HA	LIBRARY	SUPPLY	ELBOW	1200		10"	20"			
HA	LIBRARY	SUPPLY	STRAIGHT	1200		16"	16"			
HA	LIBRARY	RETURN	STRAIGHT	1200						

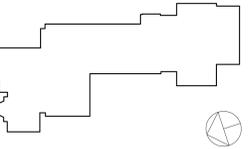
**NOTES**

- AS MANUFACTURED BY "IAC".
- SEE SPECIFICATION FOR CONSTRUCTION.
- AIR PRESSURE DROP THROUGH ATTENUATOR SHALL NOT EXCEED 0.20" S.P.
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES											
ROOM NAME/NUMBER	OCCUPANCY CATEGORY	A ROOM AREA (SQ.FT.)	B PEOPLE DENSITY (#/1000 SQ.FT.)	C PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON)	D AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.)	E EXHAUST AIR FLOW RATE (CFM/SQ.FT.)	F NUMBER OF PEOPLE (AxB)/1000=HP	G OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (FxC)/H=AxD)/CFM	H ZONE AIR DISTRIBUTION AIR FLOW RATE EFFECTIVENESS FACTOR	I MINIMUM ROOM VENTILATION AIR FLOW RATE G+H=CFM	J MINIMUM EXHAUST AIR FLOW RATE A+E=CFM
SECURITY	OFFICE SPACE	50	5	5	0.08	0	1	8	0.8	10	0
SECURE VESTIBULE	MAIN ENTRY LOBBIES	200	10	5	0.08	0	2	22	0.8	28	0
LIBRARY 114	MEDIA CENTER	1690	25	10	0.12	0	43	633	0.8	791	0
MAKER LAB 015	MEDIA CENTER	480	25	10	0.12	0	12	178	0.8	222	0
LEARNING STUDIO 118	MEDIA CENTER	550	25	10	0.12	0	14	206	0.8	258	0
SGR 119	CLASSROOM (AGES 9+)	65	35	10	0.12	0	3	38	0.8	47	0

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Providence, RI  
401-861-3218

SED#: 6618-0001-0002-015

PROJECT

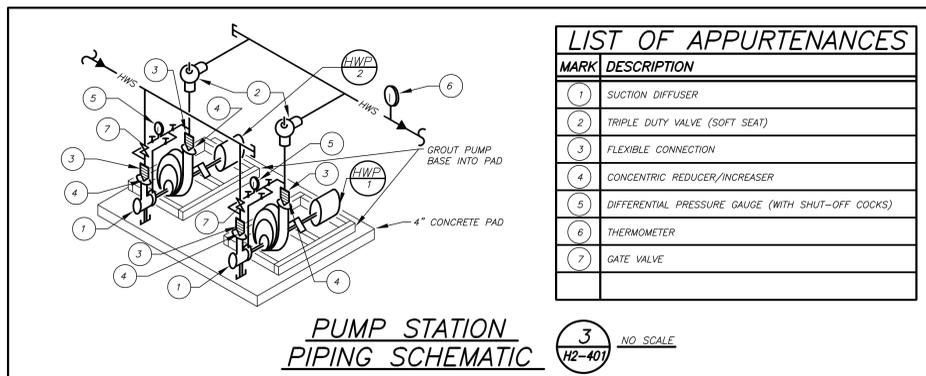
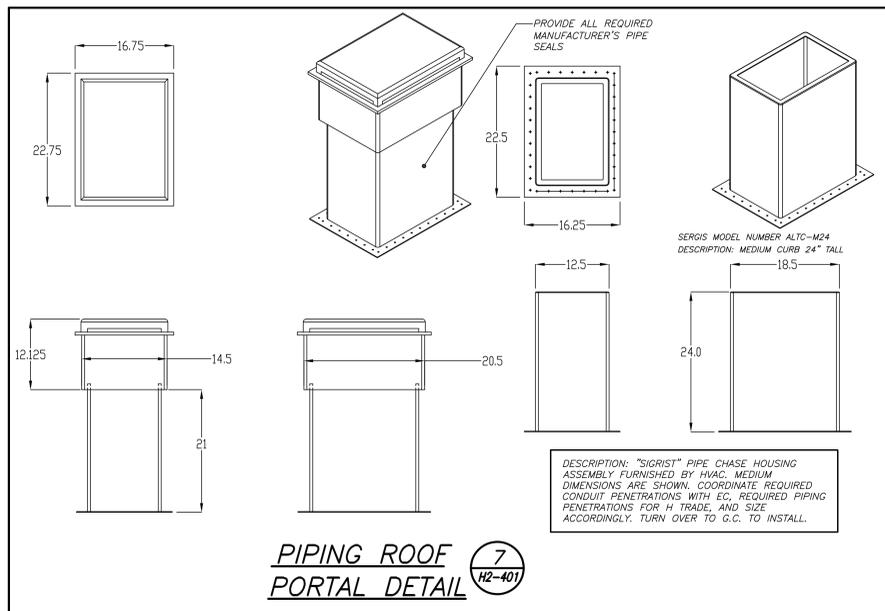
Rye City Schools  
555 Theodore Fremd Ave, Suite B-101

Milton Elementary School

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SCHEDULES

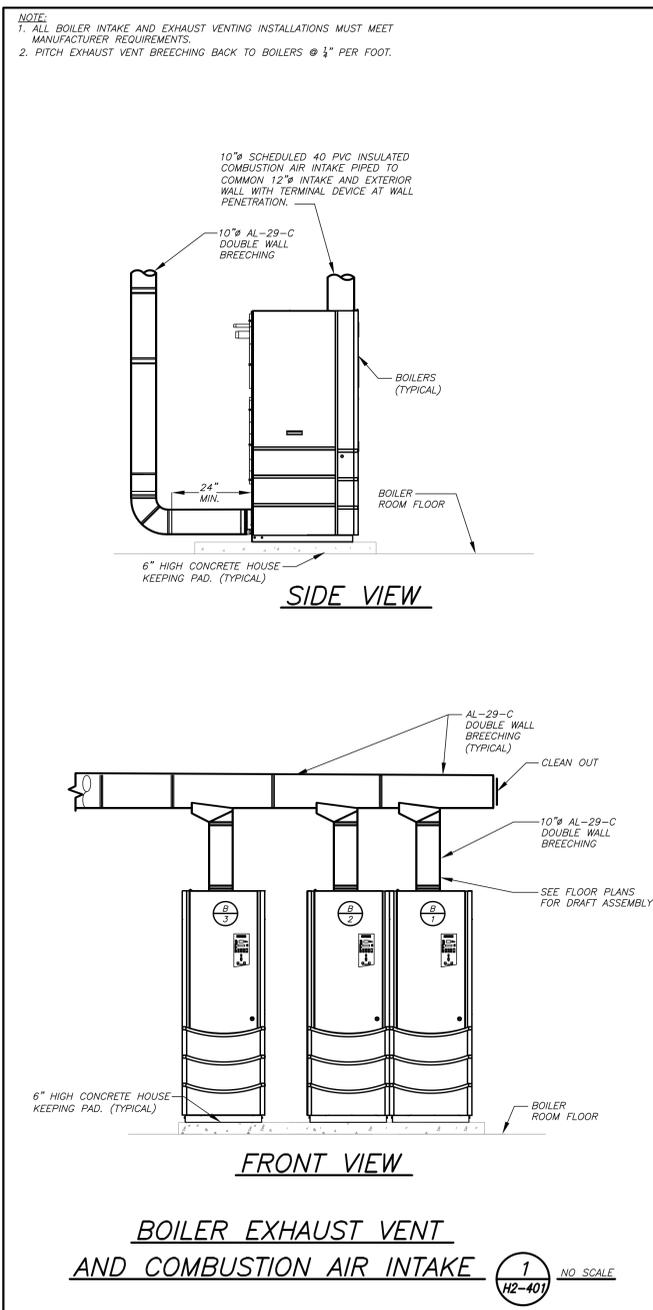
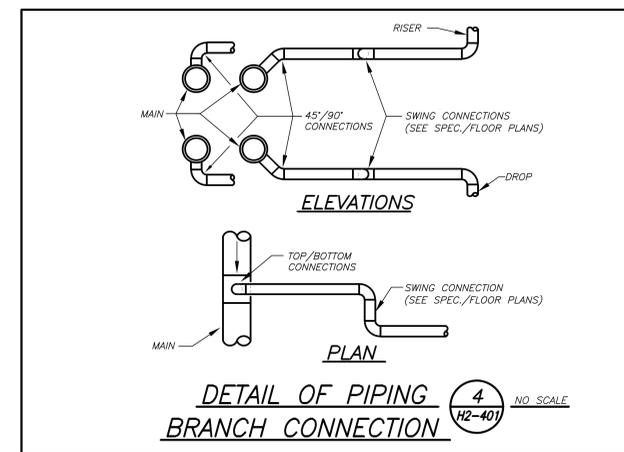
SEAL & SIGNATURE DATE: 02/11/20  
PROJECT No: 9200  
DRAWING BY: BGA  
CHK BY: BGA  
DWG No: H2-301



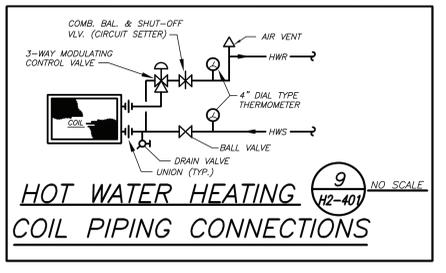
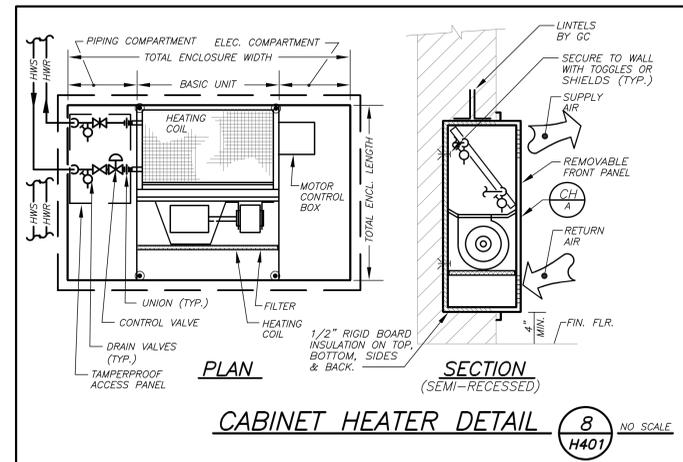
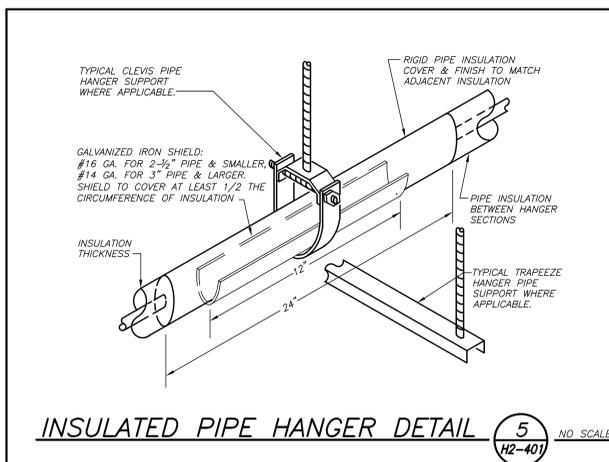
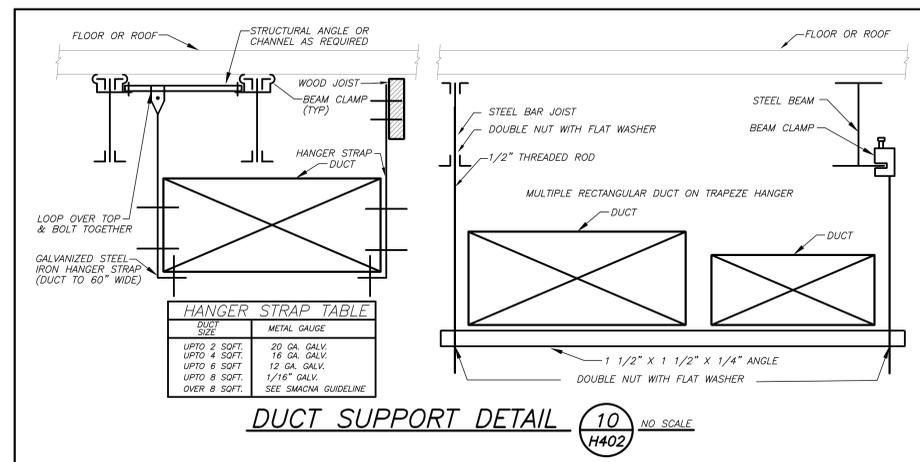
**LIST OF APPURTENANCES**

MARK	DESCRIPTION
1	SUCTION DIFFUSER
2	TRIPLE DUTY VALVE (SOFT SEAT)
3	FLEXIBLE CONNECTION
4	CONCENTRIC REDUCER/INCREASER
5	DIFFERENTIAL PRESSURE GAUGE (WITH SHUT-OFF COCKS)
6	THERMOMETER
7	GATE VALVE

**PUMP STATION PIPING SCHEMATIC (3)** NO SCALE

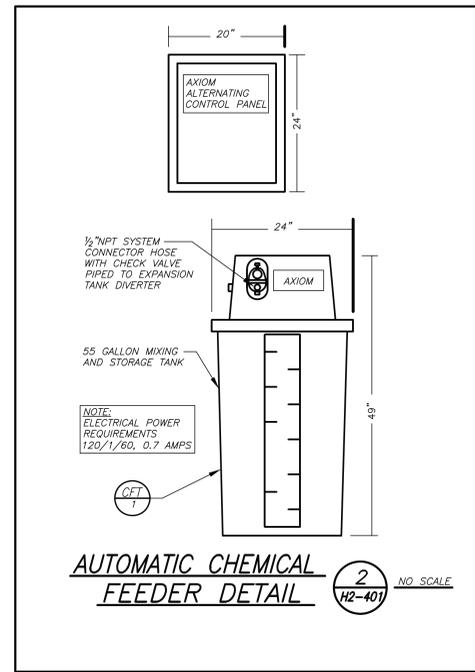
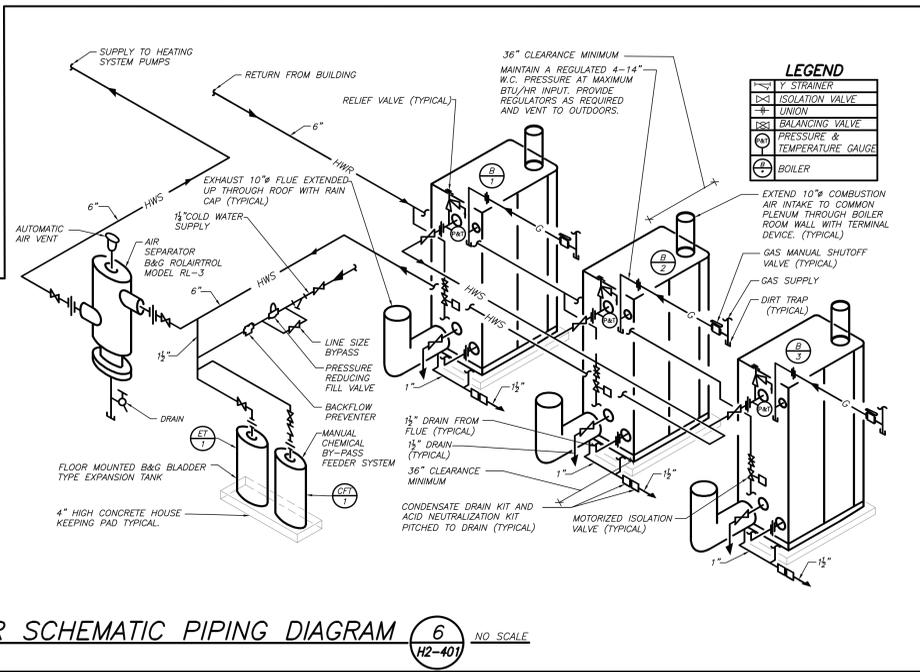


NOTE:  
1. ALL BOILER INTAKE AND EXHAUST VENTING INSTALLATIONS MUST MEET MANUFACTURER REQUIREMENTS.  
2. PITCH EXHAUST VENT BREECHING BACK TO BOILERS @ 1/4" PER FOOT.



- NOTES:
- 1) BOILER DRAIN AND CONDENSATE DRAIN SHALL BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY, TO FLOOR DRAIN. RELIEF VALVES SHALL BE PIPED VERTICALLY TO A HEIGHT 18" ABOVE FLOOR DRAIN.
  - 2) LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM BOILER FITTINGS TO PREVENT INTERFERENCE WITH REMOVAL OF BOILER PANELS AND COVERS. ALL PIPING AND ELECTRIC CONNECTIONS (SERVICE SWITCHES, CONDUIT BOKES) SHOULD LIKEWISE BE 6" AWAY FROM SIDE PANELS.
  - 3) MAINTAIN A REGULATED 4" W.C. PRESSURE AT MAXIMUM BTU/HR INPUT. PROVIDE REGULATORS AS REQUIRED AND VENT TO OUTDOORS. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
  - 4) PROVIDE (2) LOW WATER CUT OUTS WITH AUTOMATIC AND MANUAL RESETS AND A TEST BUTTON TO VERIFY INDICATOR LIGHT FOR EACH BOILER AND SHALL CONFORM TO NYSOOL PART 4 AND NYSZD MPS.
  - 5) PROVIDE ALL GALVANIZED PIPING FOR CONDENSATE DRAIN. PROVIDE 1/2" COLD WATER SUPPLY TO NEUTRALIZATION TANK TO MAINTAIN TRAP SEAL. PROVIDE TWO COMPLETE SETS ON MAGNESIUM OXIDE (ONE SET FOR BOILER START-UP AND OTHER SET FOR FUTURE REPLACEMENT).

**BOILER SCHEMATIC PIPING DIAGRAM (6)** NO SCALE



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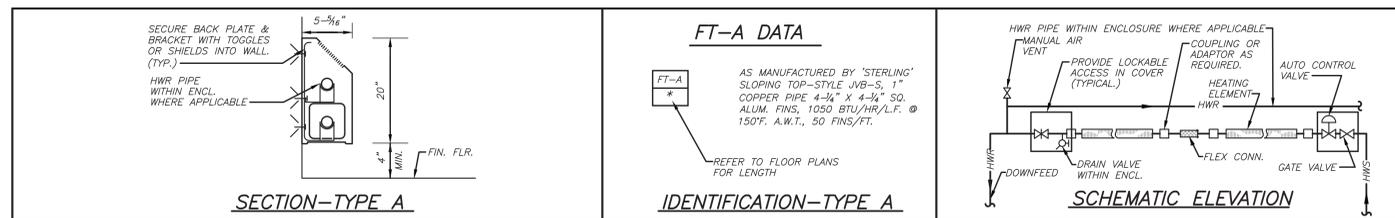
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DETAILS

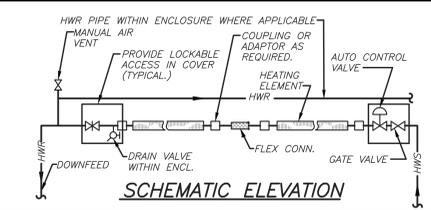
SEAL & SIGNATURE DATE: 02/11/20  
PROJECT No: 9200  
DRAWING BY: BGA  
CHK BY: BGA  
DWG No: H2-401



**FT-A DATA**

AS MANUFACTURED BY 'STERLING' SLOPING TOP-STYLE JVB-S, 1" COPPER PIPE 4-1/4" X 4-1/4" SQ. ALUM. FINS, 1050 BTU/HR/L.F. @ 150°F. A.W.T., 50 FINS/FT.

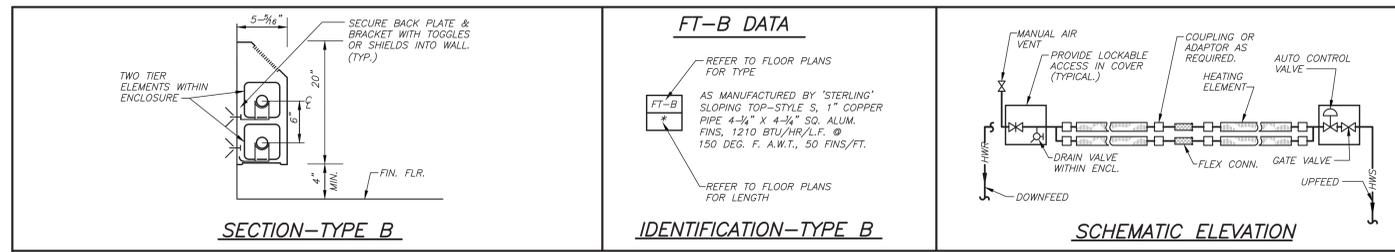
**IDENTIFICATION-TYPE A**



**NOTE:** PROVIDE EXPANSION JOINTS, GUIDES AND ANCHORS ON HWS&R MAINS WITHIN ENCLOSURES. LOCATE SO AS TO BE ACCESSIBLE. COORD. WITH G.C. FOR ACCESS PANELS.

**FIN TUBE RADIATION DETAIL (HOT WATER)**

1 H402 NO SCALE



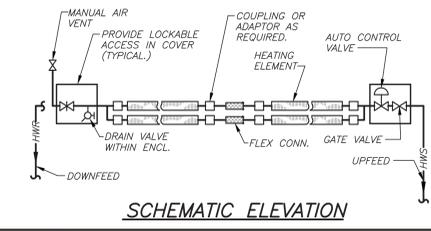
**FT-B DATA**

REFER TO FLOOR PLANS FOR TYPE

AS MANUFACTURED BY 'STERLING' SLOPING TOP-STYLE S, 1" COPPER PIPE 4-1/4" X 4-1/4" SQ. ALUM. FINS, 1210 BTU/HR/L.F. @ 150 DEG. F. A.W.T., 50 FINS/FT.

REFER TO FLOOR PLANS FOR LENGTH

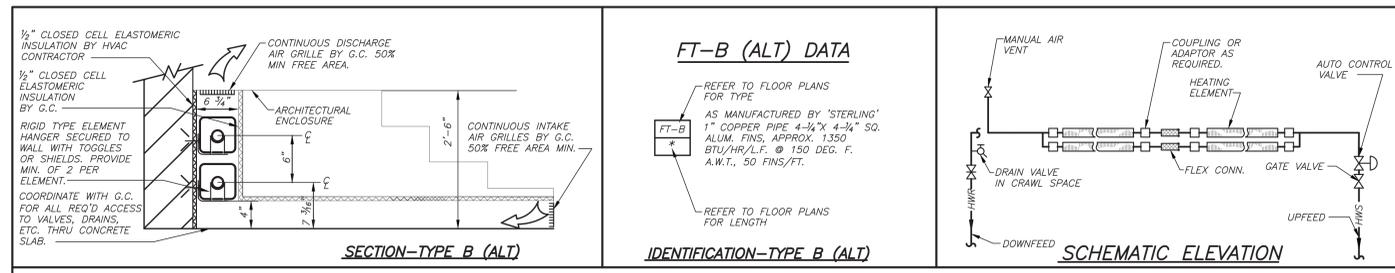
**IDENTIFICATION-TYPE B**



**NOTE:** PROVIDE EXPANSION JOINTS, GUIDES AND ANCHORS ON HWS&R MAINS WITHIN ENCLOSURES. LOCATE SO AS TO BE ACCESSIBLE. COORD. WITH G.C. FOR ACCESS PANELS.

**FIN TUBE RADIATION DETAIL (HOT WATER)**

2 H402 NO SCALE



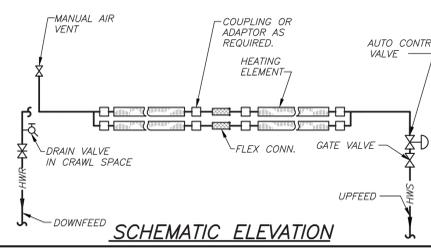
**FT-B (ALT) DATA**

REFER TO FLOOR PLANS FOR TYPE

AS MANUFACTURED BY 'STERLING' 1" COPPER PIPE 4-1/4" X 4-1/4" SQ. ALUM. FINS, APPROX. 1350 BTU/HR/L.F. @ 150 DEG. F. A.W.T., 50 FINS/FT.

REFER TO FLOOR PLANS FOR LENGTH

**IDENTIFICATION-TYPE B (ALT)**



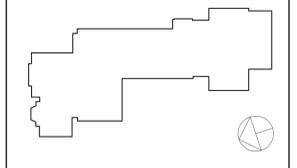
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**FIN TUBE RADIATION DETAIL (HOT WATER)**

3 H402 NO SCALE

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