



DISTRICT-WIDE  
CAPITAL IMPROVEMENTS  
NEW CONSTRUCTION  
& ATHLETIC  
UPGRADES

CHAPPAQUA CENTRAL  
SCHOOL DISTRICT  
66 Roaring Brook Road  
Chappaqua, NY 10514



KG+D ARCHITECTS, PC  
285 MAIN STREET \*MOUNT KISCO, NEW YORK 10549  
P: 914.666.5900 KGDARCHITECTS.COM

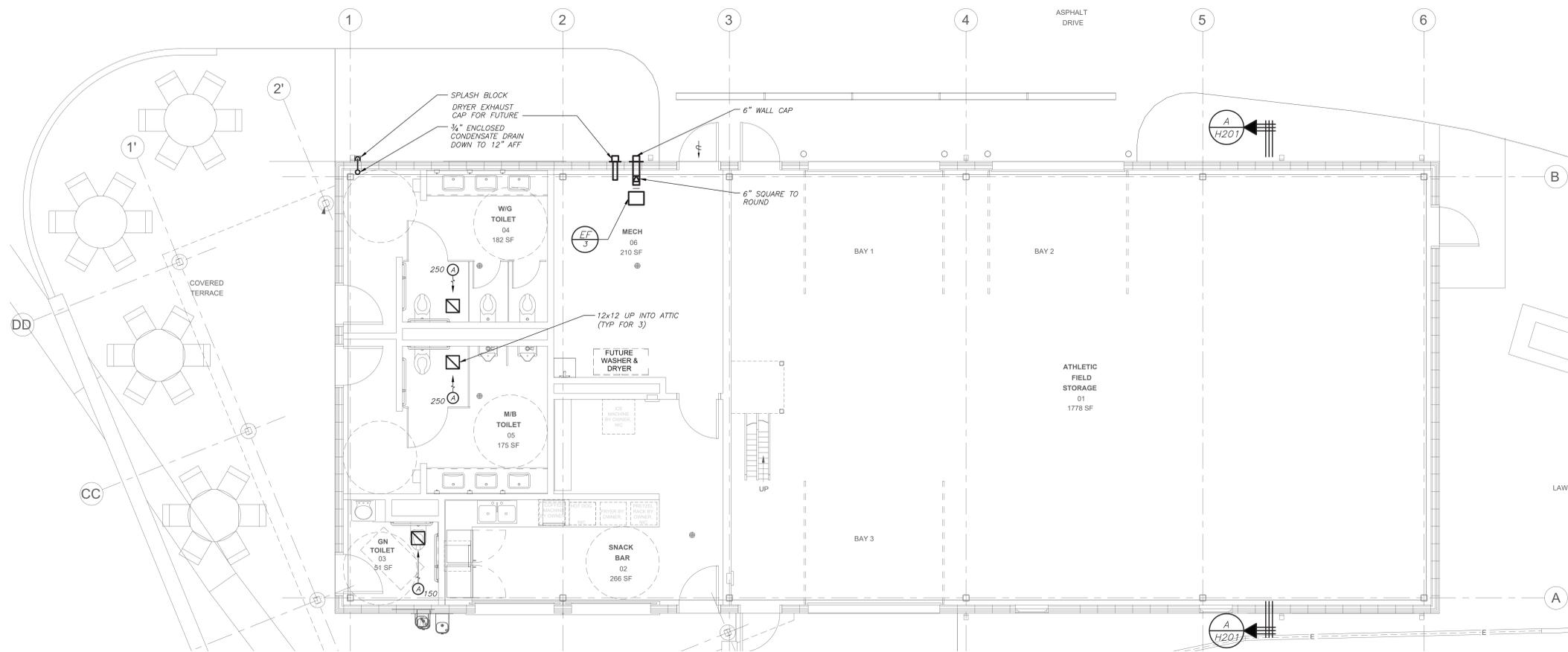
CONSTRUCTION DOCUMENTS

SED Control No.  
HG: 66-10-04-06-0-015-023  
AP: 66-10-04-06-7-052-001  
CS: 66-10-04-06-7-027-002  
OB: 66-10-04-06-0-026-002  
SB: 66-10-04-06-0-036-007

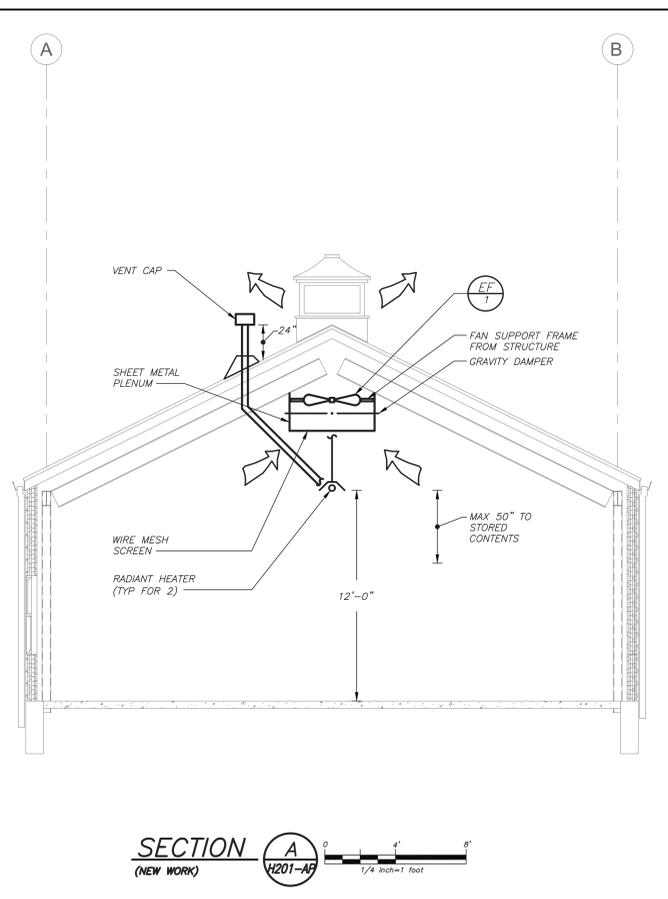


BARILE GALLAGHER & ASSOCIATES

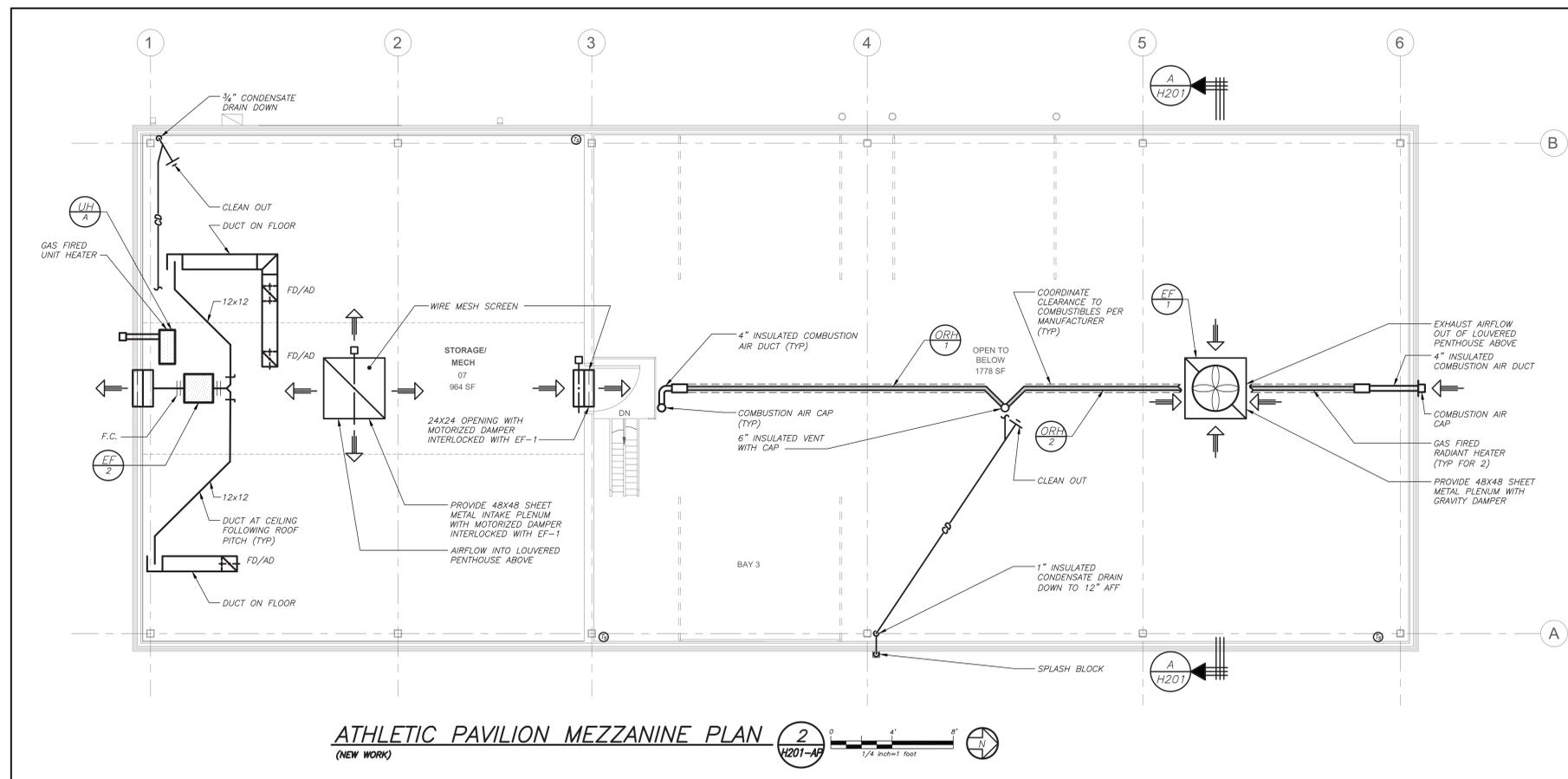
CONSULTING ENGINEERS  
39 MARBLE AVE. PLEASANTVILLE, NY 10570  
914.326.6669 GENDRAL@BGA-ENG.COM WWW.BGA-ENG.COM



**ATHLETIC PAVILION 1ST FLOOR PLAN**  
(NEW WORK)



**SECTION A-A**  
(NEW WORK)



**ATHLETIC PAVILION MEZZANINE PLAN**  
(NEW WORK)

Key Plan

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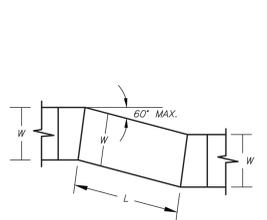
Professional Seal

4	09/16/2024	ISSUE FOR BID
3	10/27/2023	SED ISSUE
2	08/31/2023	ISSUE FOR PRICING - 90% CD
1	06/10/2023	SCHEMATIC DESIGN
No.	Date	Issue

Sheet Title

**ATHLETIC PAVILION FLOOR PLANS**  
(NEW WORK)

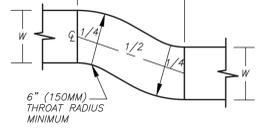
Job No.	2023-1028	Sheet Number	<b>H201-AP</b>
Date	09/16/2024		
Scale	AS NOTED		
Drawn / Checked	BGA/BGA		



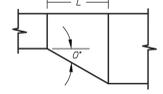
CONCENTRIC TRANSITION  
D MAX. 30"  
60° DIVERGING,  
60° CONVERGING



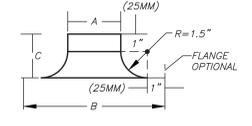
OFFSET TYPE 2  
(MITERED)



OFFSET TYPE 3  
(RADIUSSED  
OR OEGEE)

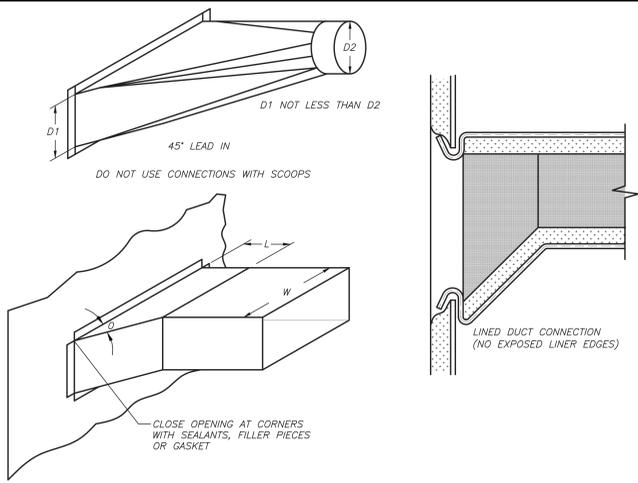


ECCENTRIC TRANSITION  
D MAX. 30"  
(EXCEPT 45° IS PERMITTED  
AT ROUND TO FLAT OVAL)

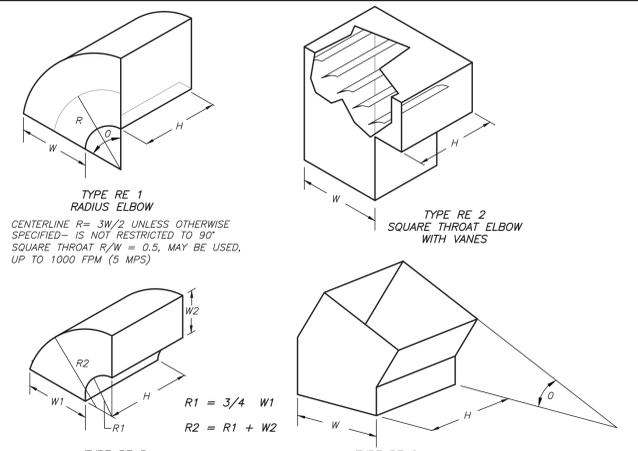


STANDARD BELLMOUTH  
(ON SHORT PATTERN BELL  
C=3\" (76MM)  
B= A+4\" (102MM)

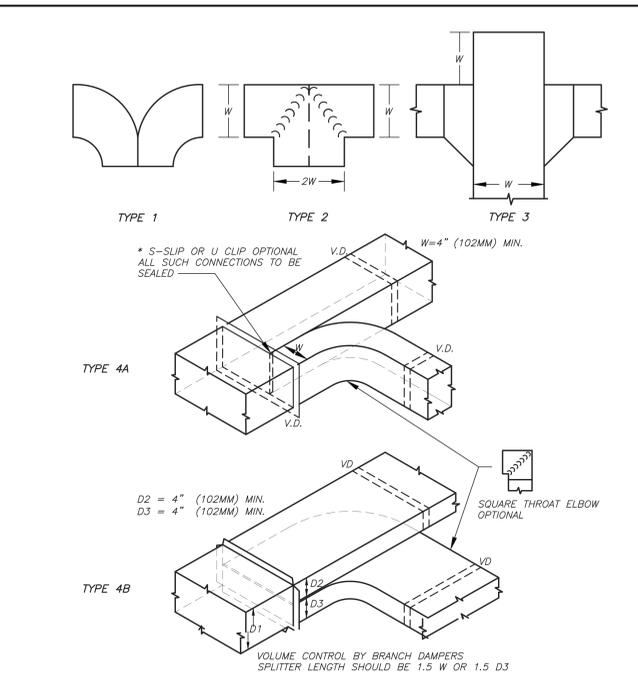
**DUCT OFFSETS AND TRANSITIONS DETAIL** 7 NO SCALE



**DUCT BRANCH CONNECTIONS DETAIL** 4 NO SCALE



**DUCT RECTANGULAR ELBOWS DETAIL** 5 NO SCALE



**DUCT DIVIDED FLOW BRANCHES DETAIL** 6 NO SCALE

**SCHEDULE OF EXHAUST FANS**

MARK	SERVICE	LOCATION	MODEL No. ①	TYPE	CFM	EXT. S.P. IN H <sub>2</sub> O	RPM	HP	ELECTRIC V/PH/Hz	SIZE (IN)	WEIGHT (LBS.)	REMARKS
①	ATHLETIC FIELD STORAGE	STORAGE	SBE	PROPELLER	2,500	0.35	810	1/2	120/1/60	32Lx32Wx20H	100	REFER TO ②③④
②	ATHLETIC PAVILION TOILETS	MECH 07	SQ-99-VG	IN-LINE CENTRIFUGAL	650	1.0	1860	1	120/1/60	21Lx15Wx15H	67	REFER TO ②③⑤
③	ATHLETIC PAVILION MECH	MECH 06	SP-A250	CABINET	250	0.25	900	60W	120/1/60	14Lx12Wx12H	25	REFER TO ②③⑤

**NOTES**

- AS MANUFACTURED BY "GREENHECK".
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE VIBRATION ISOLATORS, BACKDRAFT DAMPER, SPEED CONTROL, DISCONNECT SWITCH, AND NAMEPLATE IDENTIFYING FAN MARK, MODEL NO., CFM, RPM, HP, AND ELECTRICAL SERVICE.
- PROVIDE ROOF CURB, WEATHERPROOF FACTORY MOUNTED DISCONNECT SWITCH, INTERNALLY MOUNTED VARIABLE SPEED CONTROLLER, MOTORIZED DAMPER, AND NAMEPLATE IDENTIFYING FAN MARK, MODEL NO., CFM, RPM, HP, AND ELECTRICAL SERVICE.
- 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 PERMANENT EQUIPMENT IDENTIFICATION TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL IDENTIFICATION TAG DESIGNATIONS.

**SCHEDULE OF GAS UNIT HEATERS**

MARK	MODEL No. ①	BURNER DATA		MOTOR HP	ELECTRIC SERVICE	PHYSICAL DATA		REMARKS
		INPUT (BTUH)	OUTPUT (BTUH)			LxWxH	WEIGHT (LBS)	
①	UEAS85	85,000	79,050	0.5	120/1/60	30/33/21	105	REFER TO ②③④

**NOTES**

- AS MANUFACTURED BY "REZTOR".
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- SET TO LOW SPEED. PROVIDE UNIT MOUNTED VARIABLE SPEED CONTROLLER AND MANUAL THERMOSTAT.
- SUPPORT BY STRUCTURE & PROVIDE ALL CLEARANCES.

**SCHEDULE OF REGISTERS AND DIFFUSERS**

MARK	TYPE	SERVICE	MODEL No. ①	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	REMARKS
①	CEILING REGISTER	RETURN	635	-	OPPOSED BLADE	PER ARCH.	REFER TO ②③④⑤

**NOTES**

- AS MANUFACTURED BY "PRICE".
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE CABLE OPERATED DAMPERS IN UN-ACCESSIBLE AREAS.
- PROVIDE MOUNTING FRAME COMPATIBLE W/ MOUNTING SURFACE. COORDINATE ALL BORDER TYPES, COLORS, FINISHES, AND DIMENSIONS WITH ARCHITECT.
- MANUFACTURER TO SUBMIT SHOP DRAWING TO THIS CONFIGURED SPECIFIC INSTALLATION.

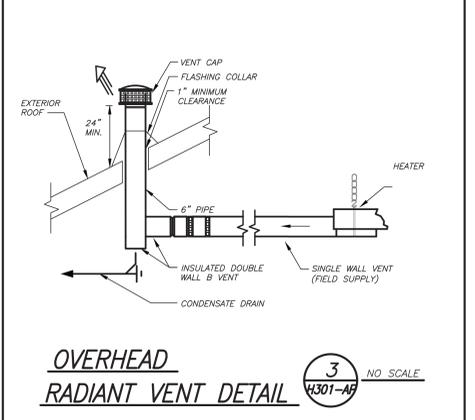
RETURN NECK SIZE PER CFM RANGE (NOT TO EXCEED 675 fpm)	
50 TO 148	150 TO 249
150 TO 250	250 TO 350
250 TO 350	350 TO 450
350 TO 450	450 TO 550
450 TO 550	550 TO 650
550 TO 650	650 TO 750
650 TO 750	750 TO 850
750 TO 850	850 TO 950
850 TO 950	950 TO 1050
950 TO 1050	1050 TO 1150
1050 TO 1150	1150 TO 1250
1150 TO 1250	1250 TO 1350
1250 TO 1350	1350 TO 1450
1350 TO 1450	1450 TO 1550
1450 TO 1550	1550 TO 1650
1550 TO 1650	1650 TO 1750
1650 TO 1750	1750 TO 1850
1750 TO 1850	1850 TO 1950
1850 TO 1950	1950 TO 2050
1950 TO 2050	2050 TO 2150
2050 TO 2150	2150 TO 2250
2150 TO 2250	2250 TO 2350
2250 TO 2350	2350 TO 2450
2350 TO 2450	2450 TO 2550
2450 TO 2550	2550 TO 2650
2550 TO 2650	2650 TO 2750
2650 TO 2750	2750 TO 2850
2750 TO 2850	2850 TO 2950
2850 TO 2950	2950 TO 3050
2950 TO 3050	3050 TO 3150
3050 TO 3150	3150 TO 3250
3150 TO 3250	3250 TO 3350
3250 TO 3350	3350 TO 3450
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3450 TO 3550	3550 TO 3650
3550 TO 3650	3650 TO 3750
3650 TO 3750	3750 TO 3850
3750 TO 3850	3850 TO 3950
3850 TO 3950	3950 TO 4050
3950 TO 4050	4050 TO 4150
4050 TO 4150	4150 TO 4250
4150 TO 4250	4250 TO 4350
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9050 TO 9150	9150 TO 9250
9150 TO 9250	9250 TO 9350
9250 TO 9350	9350 TO 9450
9350 TO 9450	9450 TO 9550
9450 TO 9550	9550 TO 9650
9550 TO 9650	9650 TO 9750
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9750 TO 9850	9850 TO 9950
9850 TO 9950	9950 TO 10050

**SCHEDULE OF GAS FIRED RADIANT HEATERS**

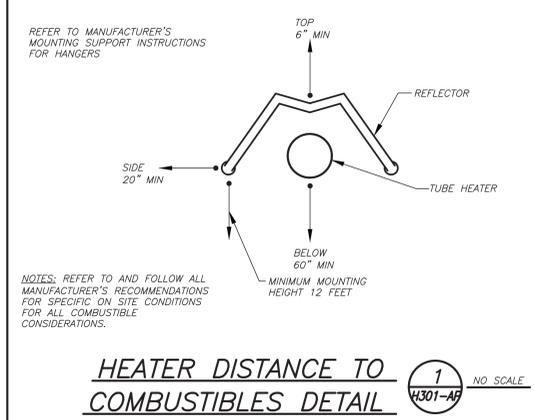
MARK	SERVICE	LOCATION	TYPE	MODEL No. ①	GAS TYPE	INPUT MBH	ELECTRIC SERVICE	REMARKS
①	STORAGE BAYS	UPPER CEILING	OVERHEAD RADIANT	SST-X	PROPANE	65	120/1/60	REFER TO ②③④

**NOTES**

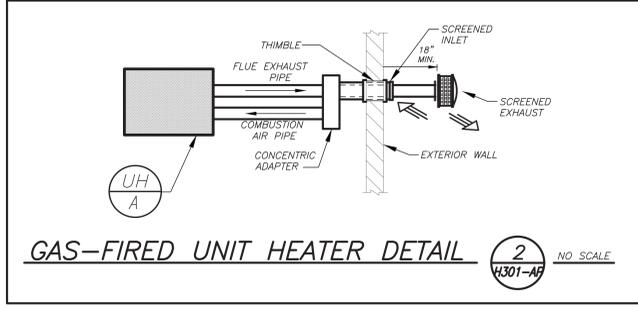
- AS MANUFACTURED BY "SCHWANK".
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE MANUAL THERMOSTAT AND INTAKE/VENT CAPS.
- PROVIDE ALL REQUIRED MOUNTING BRACKETS, HANGING RODS/CHAINS AND ATTACHMENTS AND SECURE TO STRUCTURE IN AN APPROVED MANNER.
- MANUFACTURER TO SUBMIT SHOP DRAWING TO THIS CONFIGURED SPECIFIC INSTALLATION.



**OVERHEAD RADIANT VENT DETAIL** 3 NO SCALE



**HEATER DISTANCE TO COMBUSTIBLES DETAIL** 1 NO SCALE



**GAS-FIRED UNIT HEATER DETAIL** 2 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

DISTRICT-WIDE CAPITAL IMPROVEMENTS  
NEW CONSTRUCTION & ATHLETIC UPGRADES  
CHAPPAQUA CENTRAL SCHOOL DISTRICT  
66 Roaring Brook Road  
Chappaqua, NY 10514

**KG+D** listen imagine build  
KG+D ARCHITECTS, PC  
285 MAIN STREET #MOUNT KISCO, NEW YORK 10549  
P-914.666.5900  
KGDARCHITECTS.COM

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**logo**  
BARILE GALLAGHER & ASSOCIATES  
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39 MARBLE AVE. PLEASANTVILLE, NY 10570  
914.328.6669 GENDRAL@BGA-ENG.COM WWW.BGA-ENG.COM

Key Plan

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Professional Seal

No.	Date	Issue
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2	08/31/2023	ISSUE FOR PRICING - 90% CD
1	06/10/2023	SCHEMATIC DESIGN

SCHEDULES & DETAILS

Job No.	2023-1028	Sheet Number	
Date	09/16/2024		
Scale	AS NOTED		
Drawn / Checked	BGA/BGA		

**H301-AP**