

	LIS
	PREV
MARK	
1	RESILIENT SEATED
	TAMPER PROOF RE
2	STRAINER
3	4" RPZ BACKFLOW
4	WATER METER (PE
5	2" TEST OUTLET VA
6	PRESSURE REDUC
$\overline{7}$	AIR GAP (JR SMITH
8	FUNNEL (JR SMITH
9	8" DOUBLE CHECK

- 2. BACKFLOW DEVICES SHALL BE PROTECTED FROM FLOODING.
- TESTER.

EDUCATION LAW.

- DOES NOT RELIEVE THE CONTRACTOR FROM FULFILLING THAT REQUIREMENT.
- LICENSED PROFESSIONAL TO EXECUTE FILING.
- 3. FILING FEES, PER DEVICE.
- OF THE LAWS OF WESTCHESTER COUNTY.

3. BACKFLOW DEVICES AND WATER METER SHALL BE TESTED AFTER INSTALLATION.

4. OWNER SHALL ARRANGE FOR BACKFLOW DEVICES TO BE TESTED ANNUALLY BY A CERTIFIED

5. ANY REVISIONS OR ALTERATION OF THESE PLANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE SIGNING ENGINEER IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE

BACKFLOW PREVENTER FILING REQUIREMENTS

. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A LICENCED ENGINEER TO FILE ALL APPLICATIONS, PERMITS AND FILING FEES WITH THE AUTHORITIES HAVING JURISDICTION OVER THE WORK. 3. THE FOLLOWING LIST SERVES AS THE MINIMUM FILING REQUIREMENTS, FAILURE TO LIST ANY ITEM

1. CERTIFICATE OF RESOLUTION OF LETTER OF AUTHORIZATION FROM OWNER/USER TO AUTHORIZE

2. PREPARE AND SUBMIT FORM DOH-347 WITH PLANS, PROFESSIONAL ENGINEERS REPORT AND SPECIFICATIONS WITH ENGINEER'S SEAL. FILE WITH HEALTH DEPARTMENT AND WATER DEPARTMENT.

4. EVIDENCE OF CONFORMANCE TO NEW YORK STATE SANITARY CODE, PART 5 AND CHAPTER 873

	LEGEND
	NEW PIPING, FIXTURES, ETC.
•	COLD WATER PIPING
• •	HOT WATER PIPING
	HOT WATER RETURN PIPING
	PLUMBING VENT PIPING
——————————————————————————————————————	SANITARY PIPING
— — USAN — —	SANITARY PIPING (UNDERGROUND)
PD	PUMP DISCHARGE PIPING
<u> </u>	UNDERGROUND PUMP DISCHARGE PIPING
ST	STORM PIPING
<u> </u>	STORM PIPING (UNDERGROUND)
G	UNINTERRUPTIBLE GAS PIPING
— — UG — —	UNINTERRUPTIBLE GAS PIPING (UNDERGROUND)
— W —	WATER SERVICE PIPING
——————————————————————————————————————	FIRE PROTECTION PIPING
	SPRINKLER PIPING
•	SPRINKLER HEAD
	FLOW DIRECTION WITHIN PIPE
<u>الم</u>	CLEANOUT
©	CLEANOUT DECK PLATE
	SHUT-OFF VALVE
——————————————————————————————————————	COMBINATION BALANCING & SHUT-OFF VALVE
\$	OS & Y VALVE
\$	OS & Y VALVE WITH TAMPER SWITCH
Ø	CHECK VALVE
¢	GAS SHUT OFF COCK
	SIDEWALL SPRINKLER HEAD
ኇ፟፞፞፞ቍ፟፞፞፞፞፞	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP)
*	PLUMBING FIXTURE IDENTIFICATION
(*)	BACKFLOW PREVENTER APPURTENANCE 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
	CIRCULATOR PUMP IDENTIFICATION
	SUMP PUMP IDENTIFICATION
	HOT WATER HEATER IDENTIFICATION
•	POINT OF CONNECTION
	DRAWINGN, DETAIL, SECTION NUMBER
	SECTION

PLUMBING FIXTURE SCHEDULE

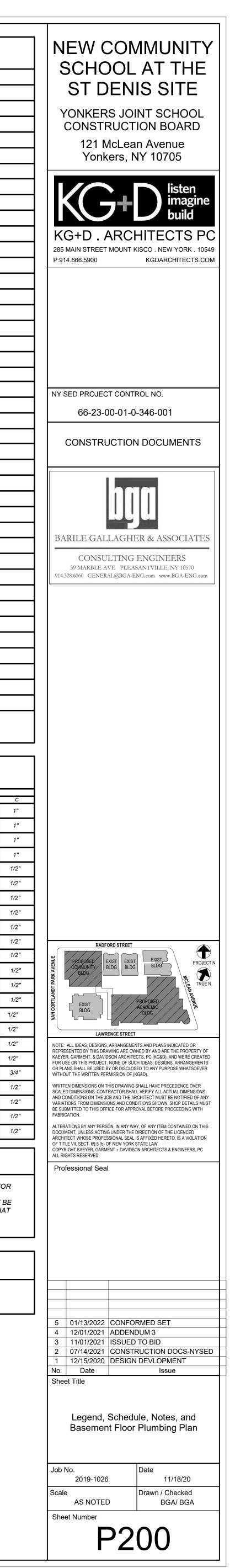
MARK	DESCRIPTION		BRANCH SIZE				
			<u>V</u>	H			
A1	WALL MOUNTED WATER CLOSET (FLUSH VALVE)	4"	2"	-			
A2	WALL MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED)	4"	2"	-			
AЗ	FLOOR MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED)	4"	2"	-			
Α4	FLOOR MOUNTED CHILD'S WATER CLOSET (FLUSH VALVE)	4"	2"	-			
В1	SINGLE SINK UNIT (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1		
B2	DOUBLE SINK UNIT (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1		
ВЗ	TRIPPLE SINK UNIT (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1		
B4	COUNTERTOP CLASSROOM SINK (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1		
В5	MAKER SPACE SINK	1-1/2"	1-1/2"	1/2"	1		
B6	HEALTH SUITE SINK (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1		
B7	ART SINK (SINGLE)	1-1/2"	1-1/2"	1/2"	1		
B8	FACULTY SINK (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1		
B9	MUSIC ROOM SINK	1-1/2"	1-1/2"	1/2"	1		
B10	PRE-K/ K SINK	1-1/2"	1-1/2"	1/2"	1		
С	URINAL - WALL MOUNTED	3"	2"	-	1/		
D1	SINGLE WATER COOLER (HANDICAPPED) W/ BOTTLE FILL	2"	1-1/2"	-	1/		
D2	DOUBLE WATER COOLER (HANDICAPPED) W/ BOTTLE FILL	2"	1-1/2"	-	1/		
D3	DOUBLE BOTTLE FILLING STATION	2"	1-1/2"	-	1/		
Е	MOP RECEPTOR	3″	3″	3/4"	3		
F	SHOWER	2"	1-1/2"	1/2"	1		
G1	LABORATORY COUNTER MOUNTED SINK	2"	1-1/2"	-	1		
G2	LABORATORY COUNTER MOUNTED SINK (TEACHER'S)	2"	1-1/2"	1/2"	1		
Н	EYE WASH	2"	1-1/2"	1/2"	1		

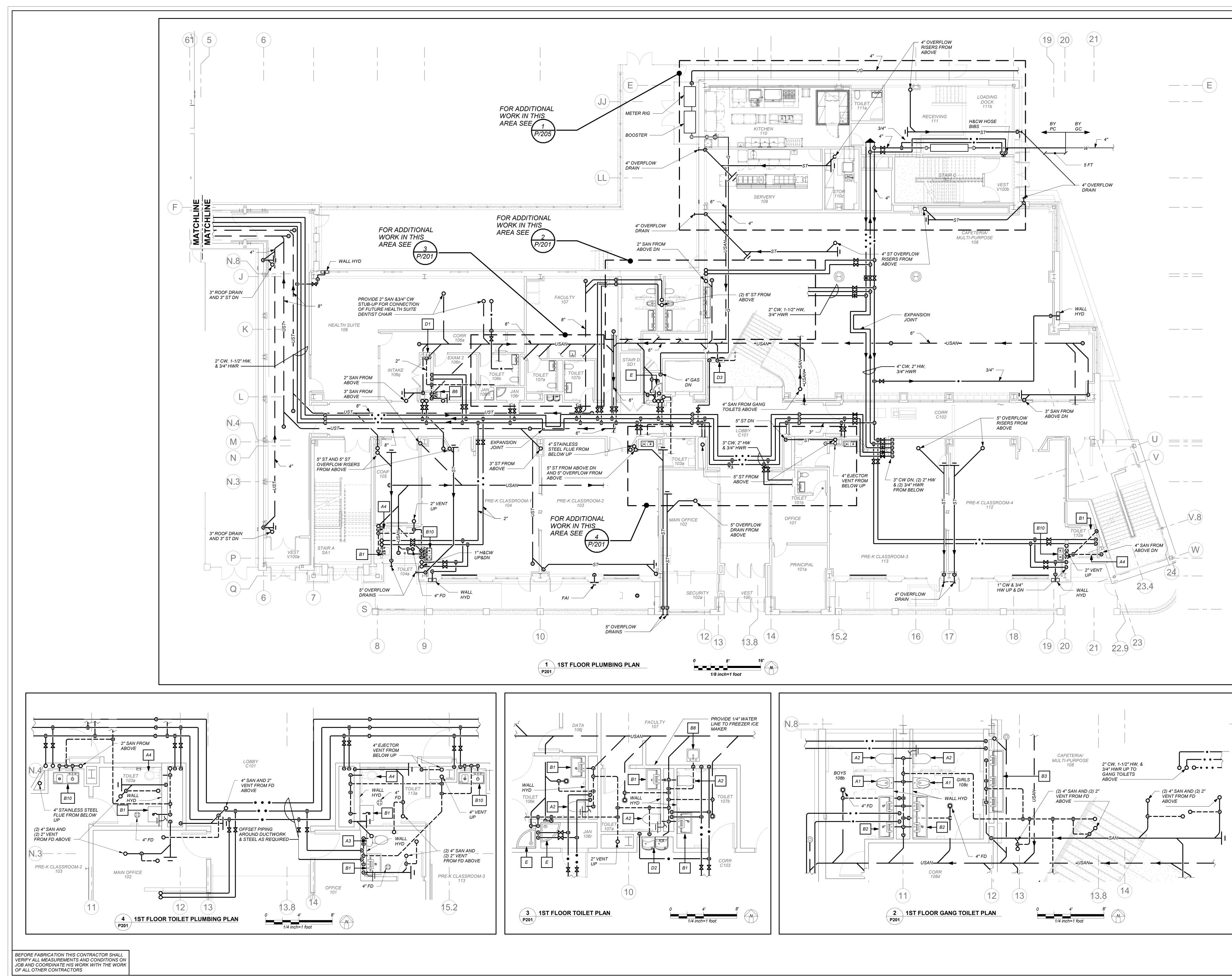
BUILDING STRUCTURE FIREPROOFING:

THE BUILDING STRUCTURE WILL BE PROTECTED BY 2" FIREPROOFING THROUGHOUT. THIS CONTRACTOR SHALL ISSUE COORDINATION DRAWINGS ACCORDING TO THE STRICT SCHEDULE OUTLINED IN THE "FRONT END" DOCUMENTS. ALL HANGERS FOR PIPING, CONDUIT, DUCTWORK, EQUIPMENT, ETC. MUST BE IN PLACE BEFORE FIREPROOFING TAKES PLACE. THE INSTALLATION OF HANGERS AFTER THE FACT THAT REQUIRES THE RE-APPLICATION OF FIREPROOFING WILL BE AT THE EXPENSE OF THIS CONTRACTOR.

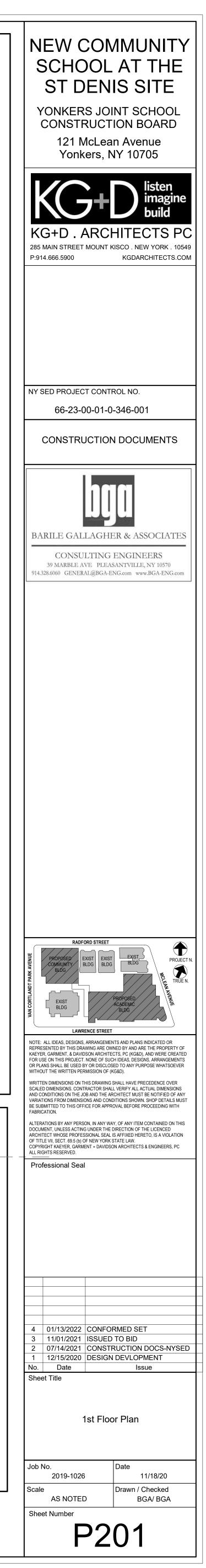
BASEMENT WATERPROOFING:

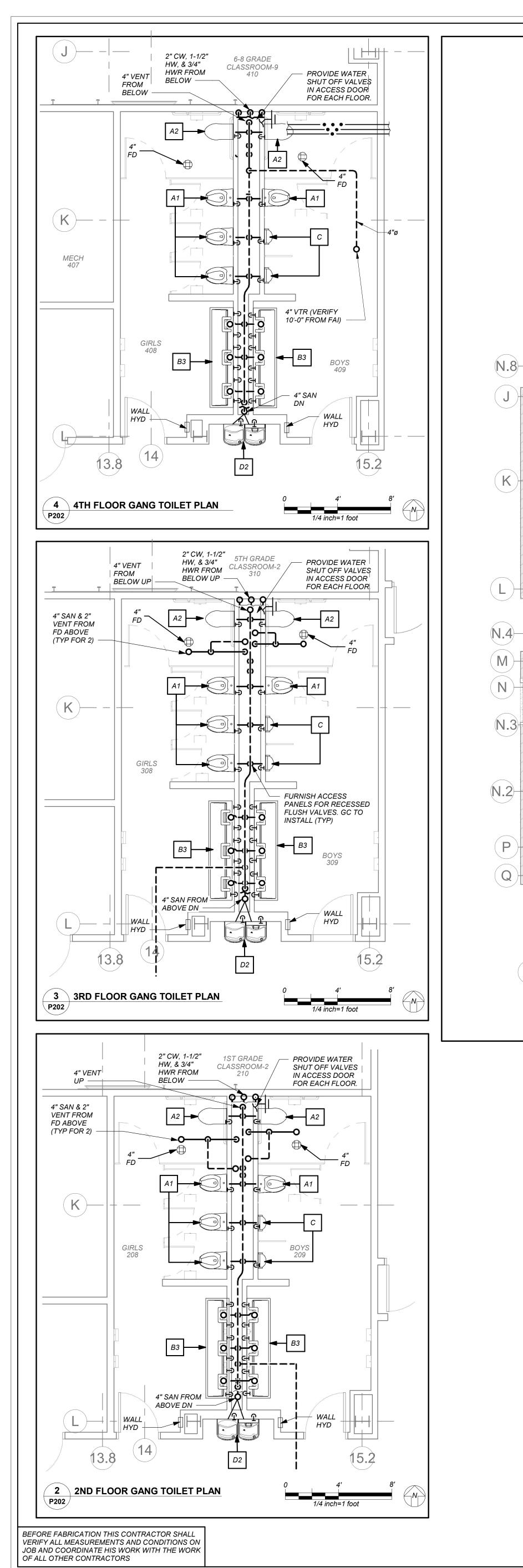
REFER TO STRUCTURAL DRAWINGS AND ARCHITECTUAL DRAWINGS FOR SLAB/ WALL THICKNESS AND PENETRATION DETAILS. COORDINATE WITH G.C.





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(N.8)-

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M)-

N)+

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5" ST AND 5"

OVERFLOW RISERS

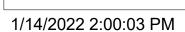
FROM ABOVE DN —

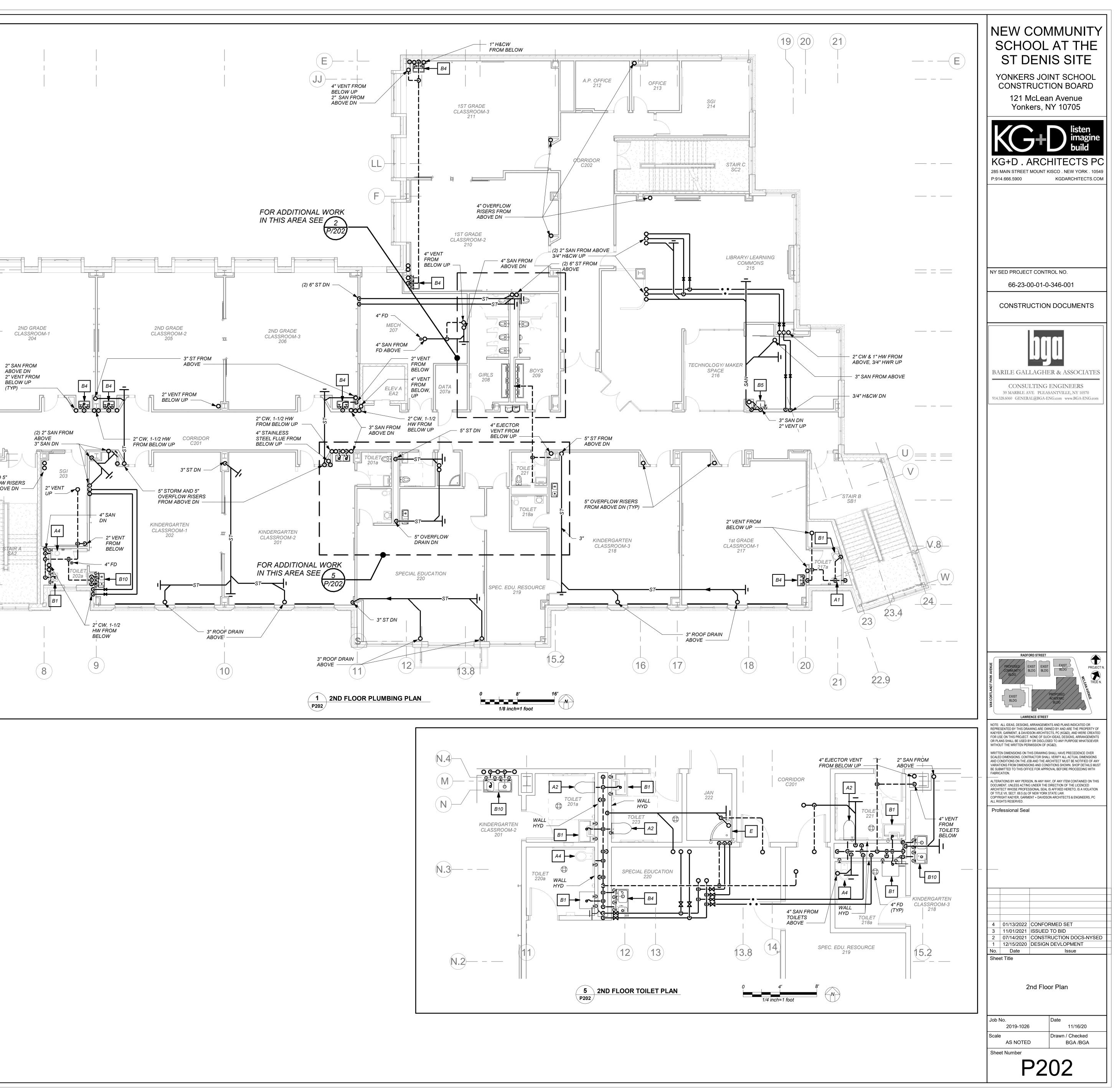
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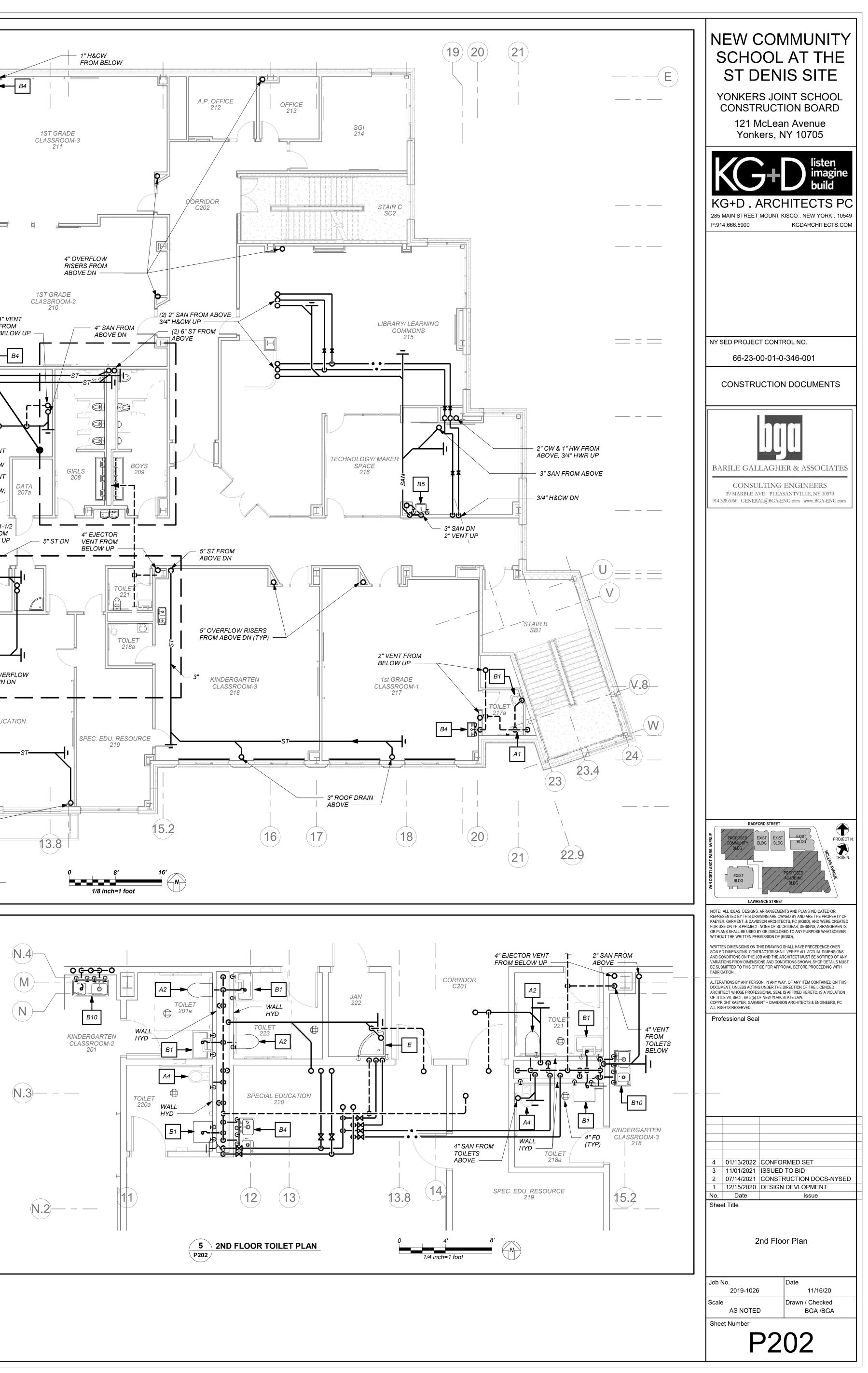
2" SAN FROM

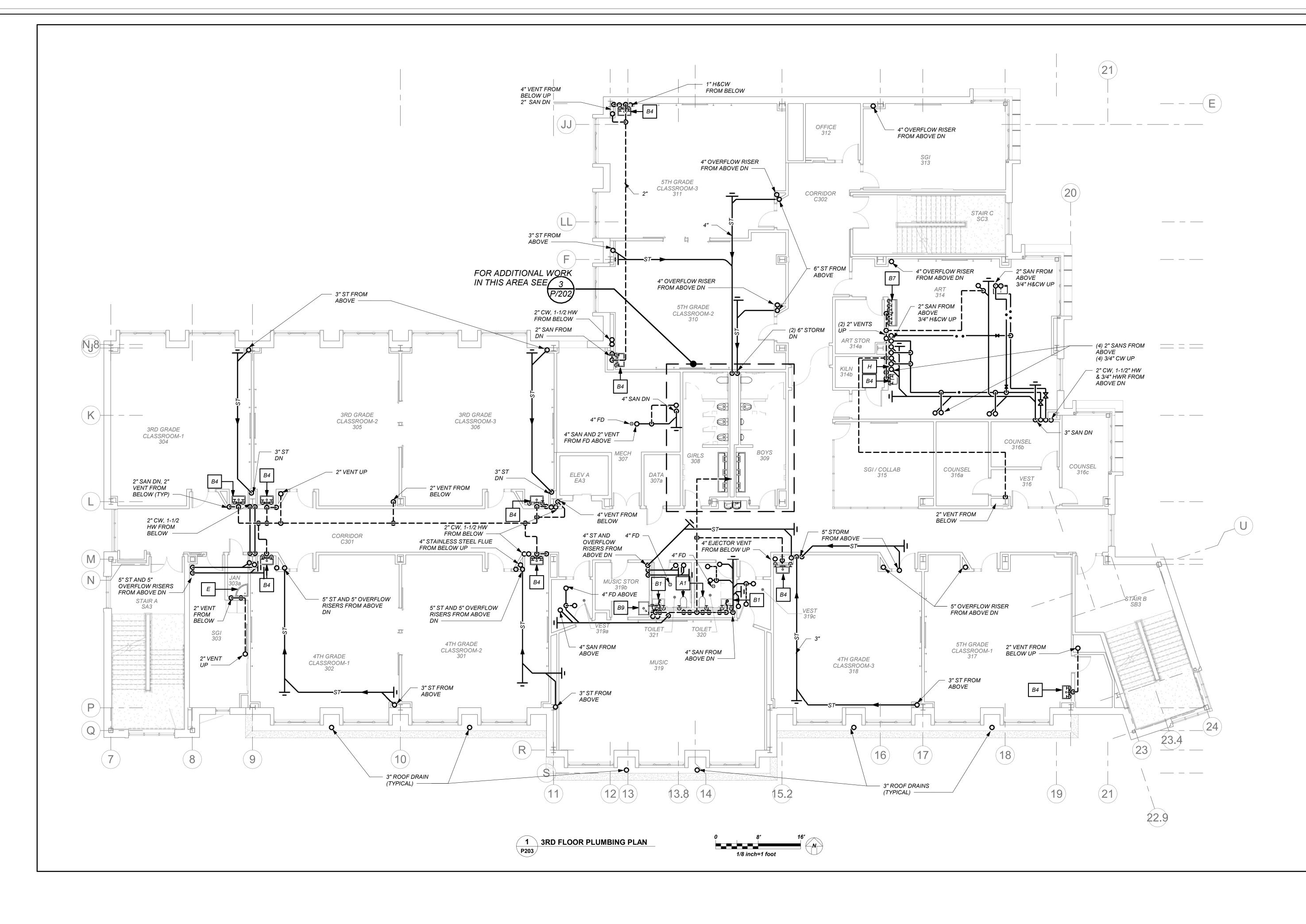
BELOW UP

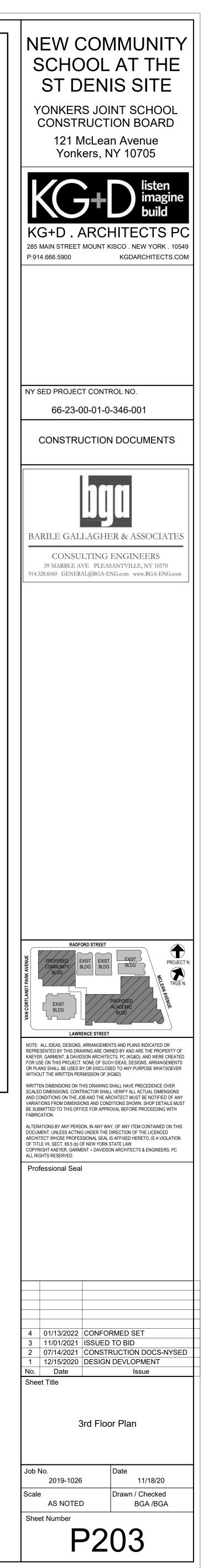
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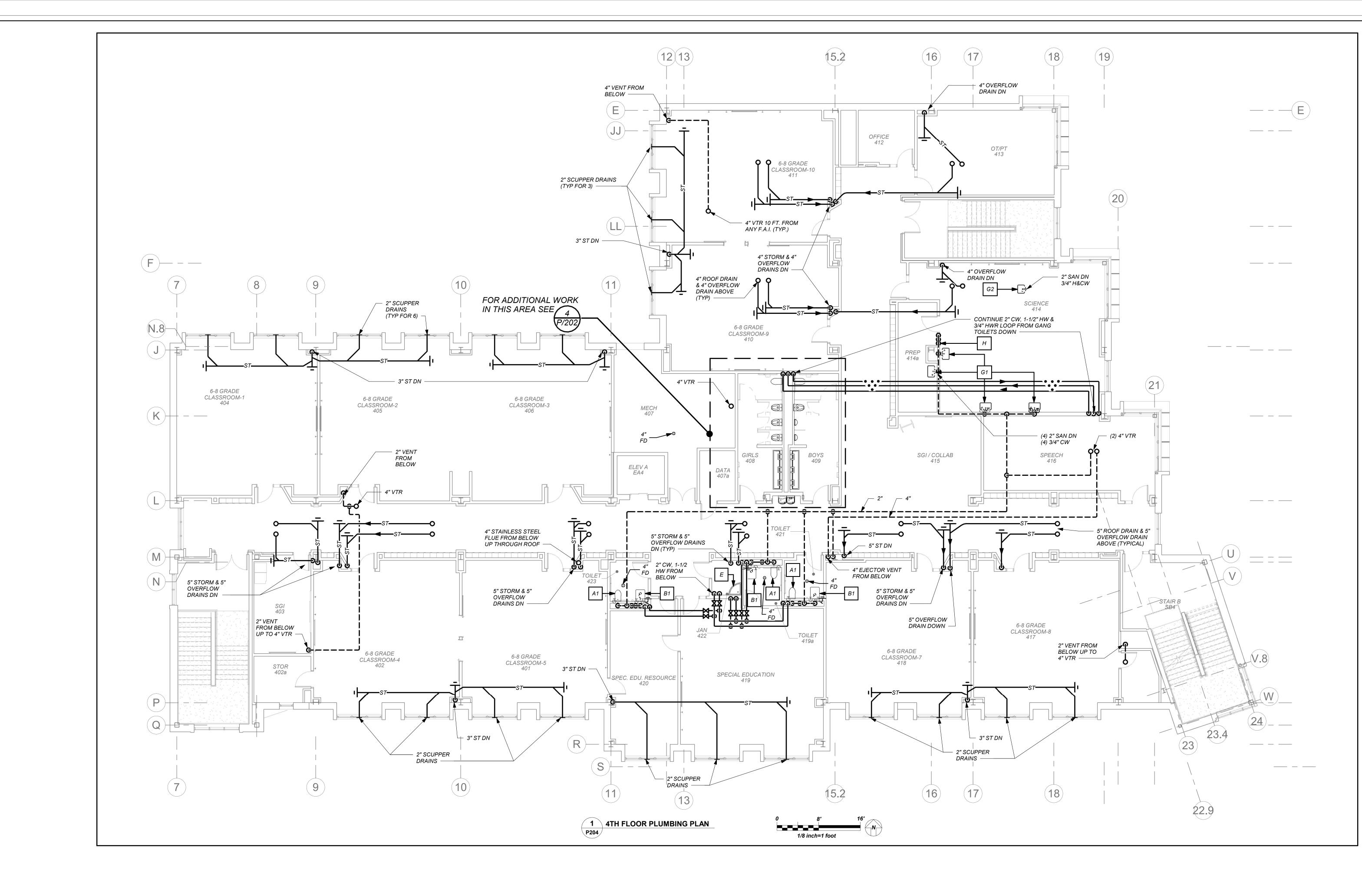




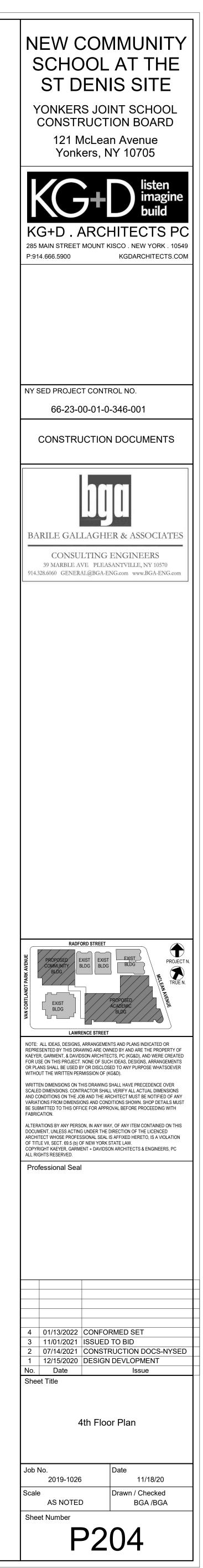


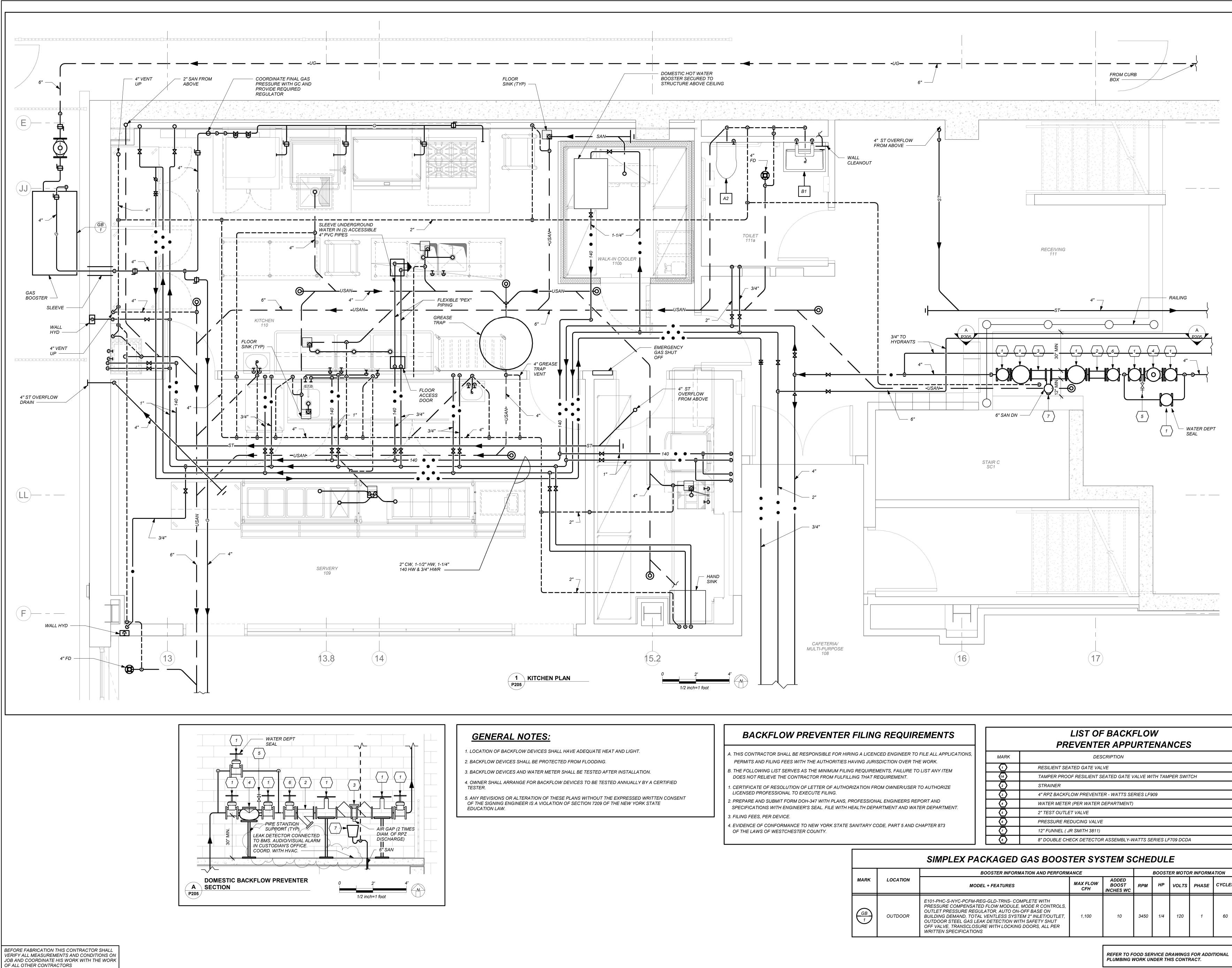






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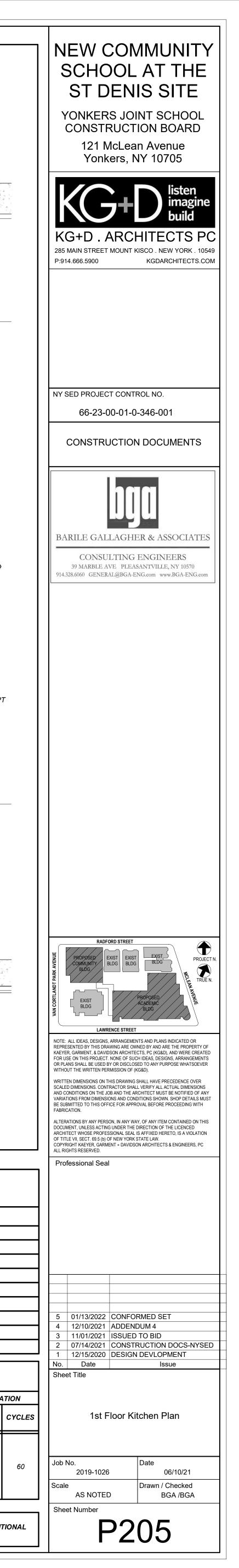


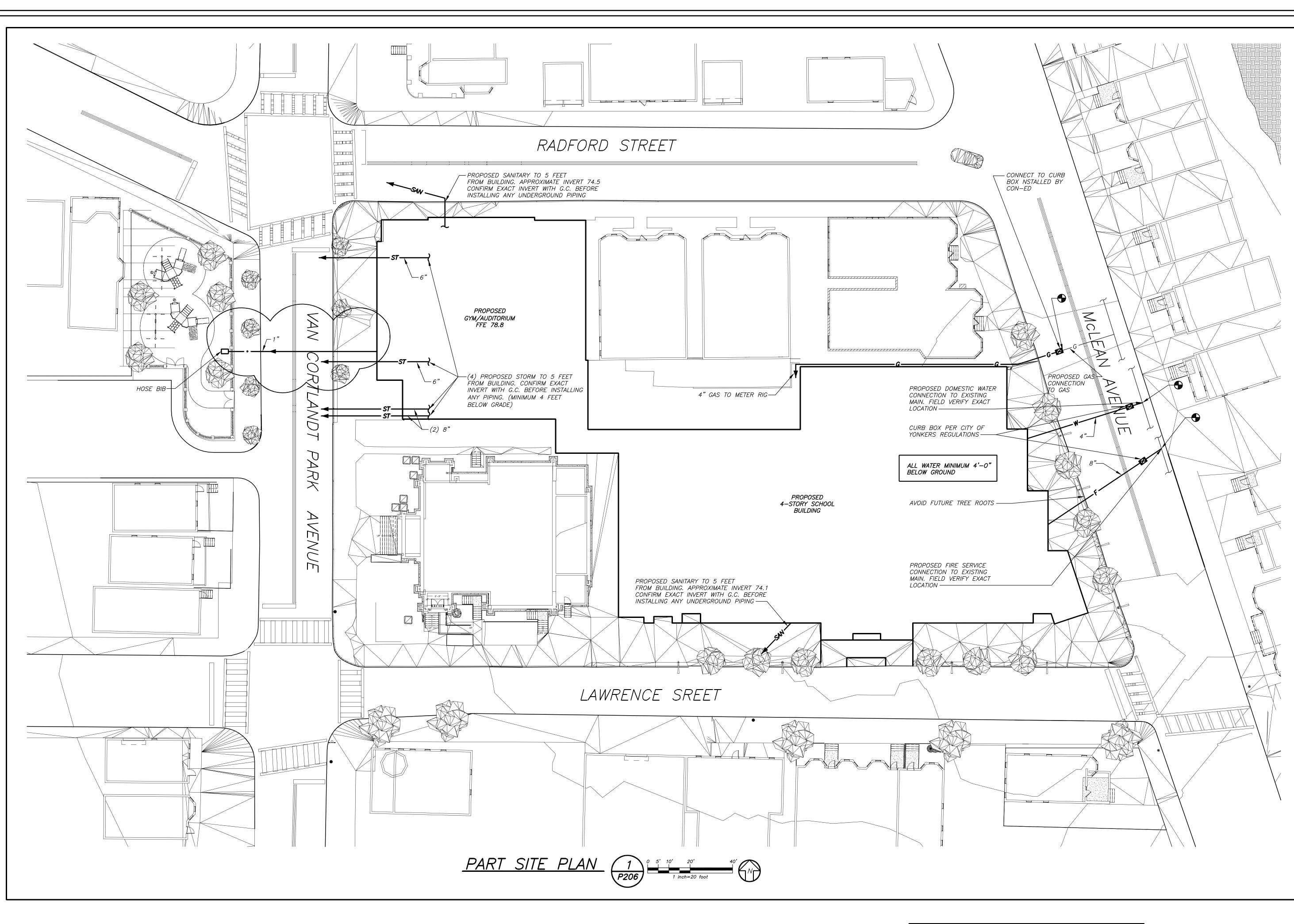


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REVENTER FILING REQUIREMENTS	LIST OF BACKFLOW PREVENTER APPURTENANCES					
SPONSIBLE FOR HIRING A LICENCED ENGINEER TO FILE ALL APPLICATIONS,	MARK	DESCRIPTION				
TH THE AUTHORITIES HAVING JURISDICTION OVER THE WORK. AS THE MINIMUM FILING REQUIREMENTS, FAILURE TO LIST ANY ITEM RACTOR FROM FULFILLING THAT REQUIREMENT.		RESILIENT SEATED GATE VALVE				
		TAMPER PROOF RESILIENT SEATED GATE VALVE WITH TAMPER SWITCH				
OF LETTER OF AUTHORIZATION FROM OWNER/USER TO AUTHORIZE EXECUTE FILING.		STRAINER				
		4" RPZ BACKFLOW PREVENTER - WATTS SERIES LF909				
OH-347 WITH PLANS, PROFESSIONAL ENGINEERS REPORT AND ER'S SEAL. FILE WITH HEALTH DEPARTMENT AND WATER DEPARTMENT.	4	WATER METER (PER WATER DEPARTMENT)				
	5	2" TEST OUTLET VALVE				
NEW YORK STATE SANITARY CORE DARTS AND CHARTER \$72	6	PRESSURE REDUCING VALVE				
NEW YORK STATE SANITARY CODE, PART 5 AND CHAPTER 873 COUNTY.	7	12" FUNNEL (JR SMITH 3811)				
	8	8" DOUBLE CHECK DETECTOR ASSEMBLY-WATTS SERIES LF709 DCDA				

	SIMPLEX PACKAGED GAS BOOSTER SYSTEM SCHEDULE								
	LOCATION	BOOSTER INFORMATION AND PERFORMANCE			BOOSTER MOTOR INFORMATIO				
MARK		MODEL + FEATURES	MAX FLOW CFH	ADDED BOOST INCHES WC	RPM	HP	VOLTS	PHASE	с
GB 1	OUTDOOR	E101-PHC-S-NYC-PCFM-REG-GLD-TRNS- COMPLETE WITH PRESSURE COMPENSATED FLOW MODULE, MODE R CONTROLS, OUTLET PRESSURE REGULATOR, AUTO ON-OFF BASE ON BUILDING DEMAND, TOTAL VENTLESS SYSTEM 2" INLET/OUTLET, OUTDOOR STEEL GAS LEAK DETECTION WITH SAFETY SHUT OFF VALVE, TRANSCLOSURE WITH LOCKING DOORS, ALL PER WRITTEN SPECIFICATIONS	1,100	10	3450	1/4	120	1	





THIS CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS FROM THE CITY OF YONKERS. INSTALL GAS AND WATER IN ACCORDANCE WITH ALL UTILITY COMPANY AND CITY REQUIREMENTS AND REGULATIONS. SEE CON-ED YELLOW BOOK. SEE CITY OF YONKERS "ENGINEERING FORMS" FOR METER, TAP, CONNECTIONS AND MISCELLANEOUS, ETC. FOR MORE INFORMATION. SEE FRONT END SPECIFICATION FOR SEPARATION OF CONTRACTOR'S RESPONSIBILITIES.

