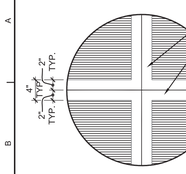
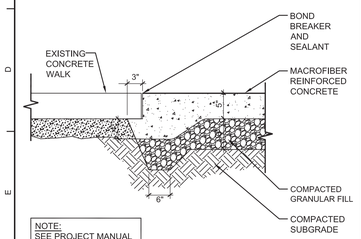


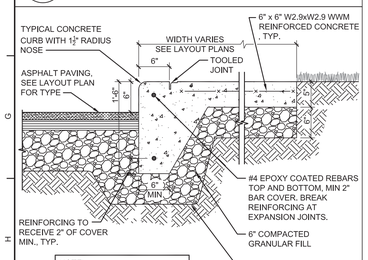
NOTE:
SEE CONCRETE WALK DETAIL FOR ADDITIONAL INFORMATION

6 Concrete Finish
NTS



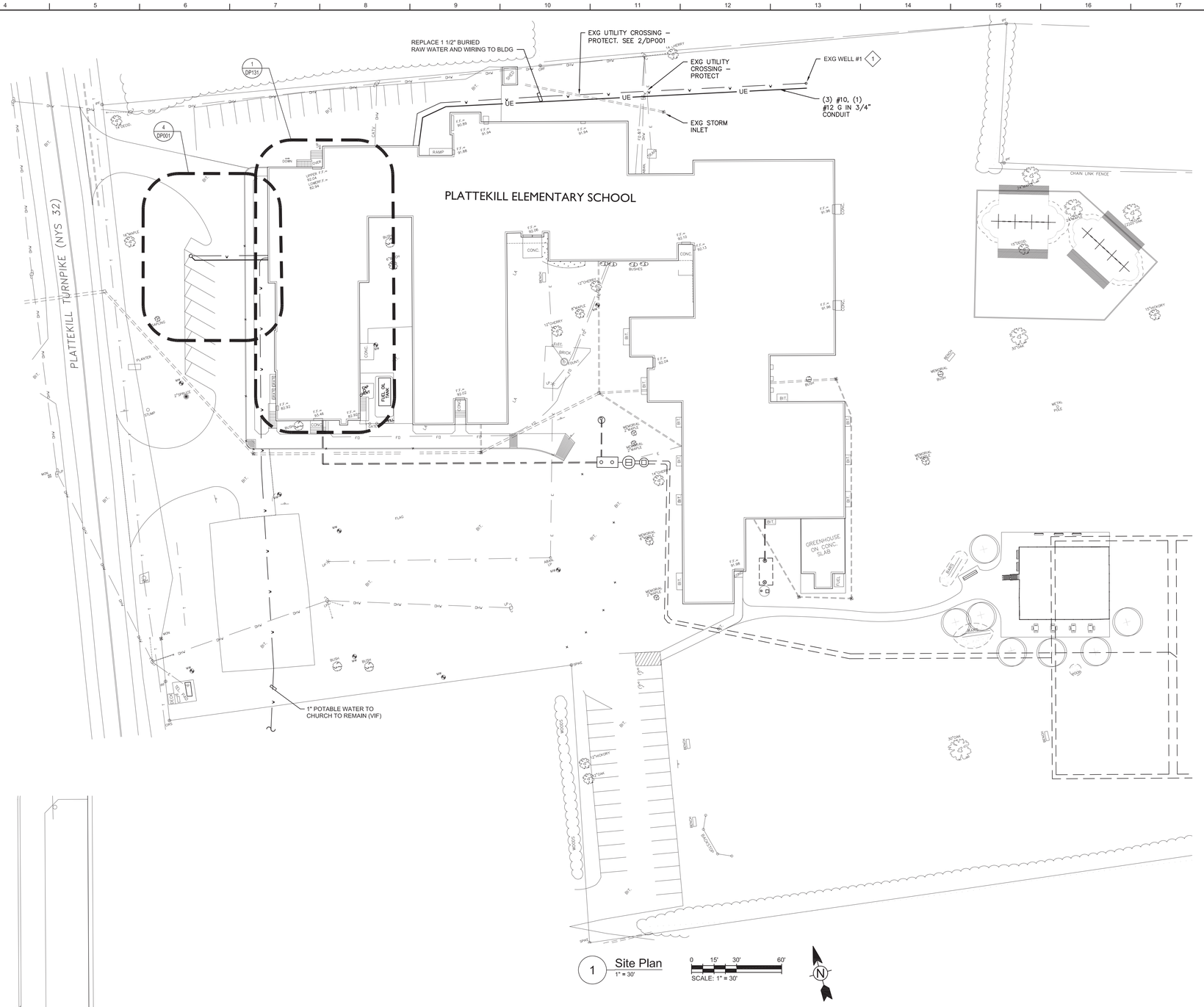
NOTE:
SEE PROJECT MANUAL FOR INFORMATION ON FILL TYPES.

7 New Concrete Walk at Existing Walk
NTS



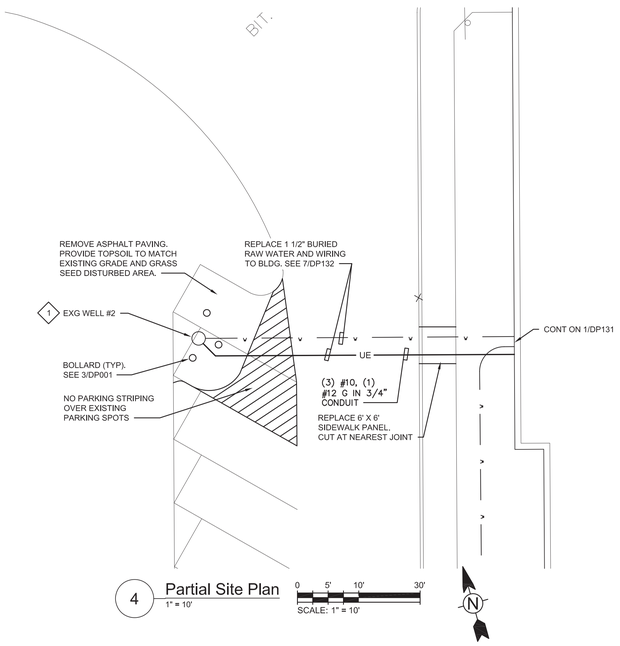
NOTE:
SEE CONCRETE WALK DETAIL FOR MORE INFORMATION

8 Concrete Curb - Integral
NTS



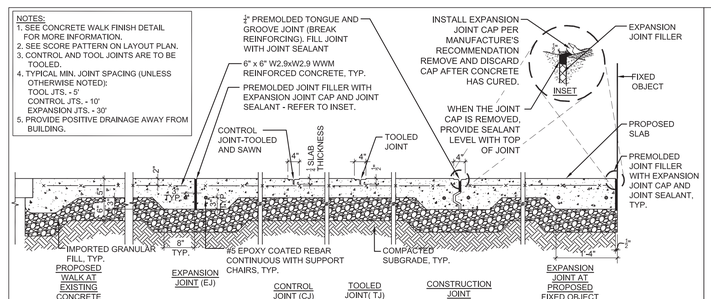
1 Site Plan
1" = 30'

0 15' 30' 60'
SCALE: 1" = 30'

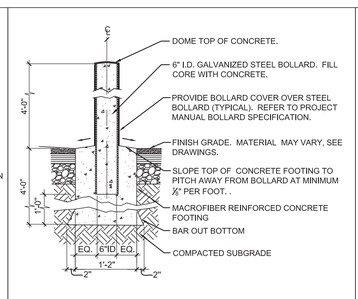


4 Partial Site Plan
1" = 10'

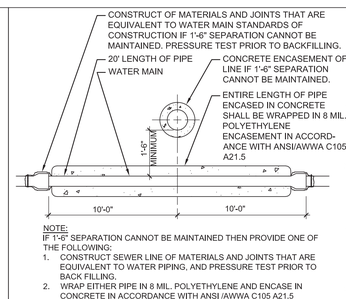
0 5' 10' 30'
SCALE: 1" = 10'



5 Concrete Walk
NTS



3 Bollard - Steel Pipe with Bollard Cover
NTS



NOTE:
IF 1'-6" SEPARATION CANNOT BE MAINTAINED THEN PROVIDE ONE OF THE FOLLOWING:
1. CONSTRUCT SEWER LINE OF MATERIALS AND JOINTS THAT ARE EQUIVALENT TO WATER PIPING, AND PRESSURE TEST PRIOR TO BACK FILLING.
2. WRAP EITHER PIPE IN 8 MIL. POLYETHYLENE AND ENCASE IN CONCRETE IN ACCORDANCE WITH ANSI /AWWA C105 A21.5

2 Pipe Crossing
NTS

General Notes

A. VERIFY ALL PIPING LOCATIONS, SIZES, AND ARRANGEMENTS IN FIELD PRIOR TO BID. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES.

B. LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS.

C. INCLUDE TRENCHING, CUTTING AND PATCHING OF FLOORS, WALLS AND CEILINGS, INCLUDING CEILING TILE REMOVAL AND REPLACEMENT, WHEN REQUIRED FOR PLUMBING WORK. PATCH ABANDONED OPENINGS AND DISTURBED FINISHES TO MATCH EXISTING. TAKE PRECAUTIONS TO PROTECT STRUCTURAL INTEGRITY OF FLOOR OR WALLS WHEN TRENCHING OR CUTTING.

D. MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.

E. NO PART OF PUBLIC WATER SUPPLY MAY BE PLACED INTO SERVICE UNTIL FINAL APPROVAL FROM ULSTER COUNTY DEPARTMENT OF HEALTH IS RECEIVED.

F. ANY ADDITIONAL TREATMENT REQUIREMENTS TO MEET NEW YORK CODE, RULES AND REGULATIONS WILL BE ISSUED BY ARCHITECT AFTER FINAL WATER LAB ANALYSIS IS SUBMITTED AND PRIOR TO PLACING THE WELLS INTO SERVICE.

Plumbing Notes

1 REMOVE EXISTING MANHOLE AND EXTENSION CASING TO PROVIDE CONDITION SHOWN ON 8/DP132. REMOVE EXISTING WELL PUMP, 1 1/2" DROP TUBE, AND WIRING IN EXISTING WELL CASING. WELLS ARE 6-5/8" DIAMETER AND APPROXIMATELY 225 FEET DEEP, VERIFY IN FIELD ACTUAL DEPTH AND NOTIFY ENGINEER IN WRITING. REHABILITATE WELL BY UTILIZING CO2 INJECTION OR HYDRO FRACTURING IN ACCORDANCE WITH NYSDOH AND NYDEC REQUIREMENTS. PERFORM A WELL YIELD TEST AND LAB ANALYSIS OF WATER QUALITY FOR EACH WELL AFTER REHABILITATION, NOTIFY ARCHITECT IN WRITING THE RESULTS, REPLACE WELL PUMP, 1 1/2" DROP TUBE, PITLESS UNIT AND POWER WIRING, AND INSTALL WITHIN EXISTING WELL CASING. REPLACE WELL CAPS AND EXTEND TO MINIMUM 18" ABOVE GRADE. SEE WELL PUMP SCHEDULE ON DP131 AND DETAILS ON DP132. FINAL WELL PUMP SELECTION WILL BE MADE AFTER WELL YIELD TESTS HAVE BEEN SUBMITTED TO ENGINEER.

S.E.D. Control No. 62-18-01-06-0-005-018

Rev. No.:	Date:	Description:
1	10/18/24	BID Addendum No 1

WALLKILL CENTRAL SCHOOL DISTRICT

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

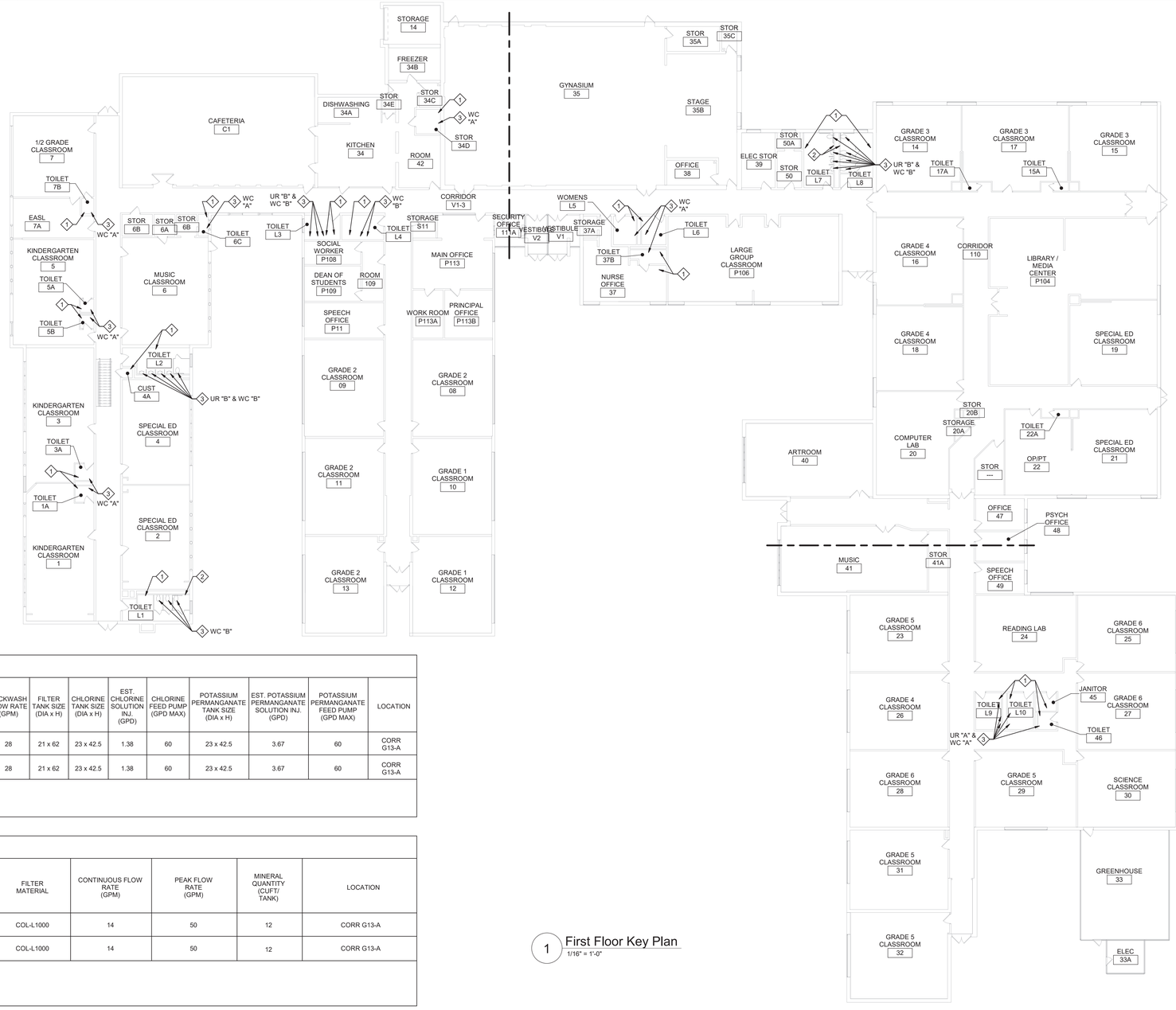
Reconstruction to:
Plattekill Elementary School

Site Plan

Drawn by:	Date:	Drawing No.:
BCL	12/18/2023	DP001

Project No.: 17597-22002B

DRAWING RE-ISSUED BY BID ADDENDUM NO 1



1 First Floor Key Plan
1/16" = 1'-0"

Greensand Filter Schedule

EQUIPMENT NO.	MODEL NO.	TYPE	INCOMING WATER IRON (PPM)	INCOMING WATER MANGANESE (PPM)	CONTINUOUS FLOW RATE (GPM)	PEAK FLOW RATE (GPM)	MINERAL QUANTITY (CUFT/ TANK)	BACKWASH FLOW RATE (GPM)	FILTER TANK SIZE (DIA x H)	CHLORINE TANK SIZE (DIA x H)	EST. CHLORINE SOLUTION INJ. (GPD)	CHLORINE FEED PUMP (GPD MAX)	POTASSIUM PERMANGANATE TANK SIZE (DIA x H)	EST. POTASSIUM PERMANGANATE SOLUTION INJ. (GPD)	POTASSIUM PERMANGANATE FEED PUMP (GPD MAX)	LOCATION
GSF-1	LWTFF-MG-21	MANGANESE GREENSAND	3.4	0.223	15	25	7	28	21 x 62	23 x 42.5	1.38	60	23 x 42.5	3.67	60	CORR G13-A
GSF-2	LWTFF-MG-21	MANGANESE GREENSAND	3.4	0.223	15	25	7	28	21 x 62	23 x 42.5	1.38	60	23 x 42.5	3.67	60	CORR G13-A

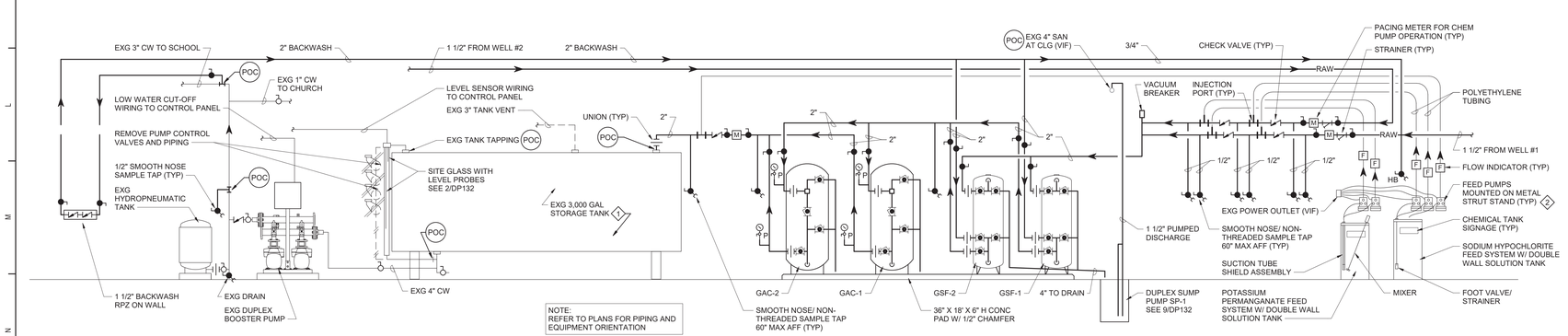
NOTES:
1. DESIGN BASIS : LAKESIDE WATER TREATMENT INC.
2. ELECTRICAL REQUIREMENTS : 24V, 110V, 60 HZ
3. OPERATING WATER TEMPERATURE RANGE 35-100 F

Granulated Activated Carbon (GAC) Filter Schedule

EQUIPMENT NO.	MODEL NO.	TANK HEIGHT (INCHES)	TANK DIAMETER (INCHES)	FILTER MATERIAL	CONTINUOUS FLOW RATE (GPM)	PEAK FLOW RATE (GPM)	MINERAL QUANTITY (CUFT/ TANK)	LOCATION
GAC-1	LWTFF-AC-30	72	30	COL-L1000	14	50	12	CORR G13-A
GAC-2	LWTFF-AC-30	72	30	COL-L1000	14	50	12	CORR G13-A

NOTES:

1. DESIGN BASIS : LAKESIDE WATER TREATMENT INC.
2. ELECTRICAL REQUIREMENTS : 24V, 110V, 60 HZ
3. OPERATING WATER TEMPERATURE RANGE 35-100 F



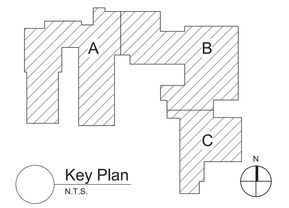
2 Domestic Water System Schematic
NTS

Plan Notes

A. REFER TO DRAWING NO. DP001 FOR GENERAL NOTES.

Plumbing Notes

1. AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE, REMOVE STRAINERS ON ALL EXISTING SINK AND LAVATORY FAUCETS WITHIN BUILDING. RUN WATER THROUGH OPEN FAUCETS TO CLEAR ANY DEBRIS AND SEDIMENT FROM THE SUPPLY PIPING UNTIL CLEAN WATER IS ATTAINED. CLEAN, INSPECT AND RE-INSTALL STRAINERS ON FAUCETS. VERIFY IN FIELD EXACT QUANTITIES AND LOCATIONS.
2. AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE, OPEN ANY EXISTING DRAIN VALVES, HOSE BIBBS, WALL HYDRANTS, ETC TO AID IN REMOVING ANY DEBRIS AND SEDIMENT FROM THE SUPPLY PIPING UNTIL CLEAN WATER IS ATTAINED. VERIFY IN FIELD EXACT QUANTITIES AND LOCATIONS.
3. BY BASE BID: AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE, DISASSEMBLE EXISTING FLUSH VALVE. RUN WATER THROUGH OPEN VALVE TO CLEAR ANY DEBRIS AND SEDIMENT FROM THE SUPPLY PIPING UNTIL CLEAN WATER IS ATTAINED. CLEAN AND INSPECT FLUSH VALVE ASSEMBLY BEFORE INSTALLING FLUSH VALVE REBUILD KIT. VERIFY IN FIELD EXISTING MAKE AND MODEL FOR EACH FLUSH VALVE PRIOR TO ORDERING REBUILD KITS. BY ALTERNATE NUMBER 1: AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE; REPLACE FLUSH VALVE IN-KIND.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-005-018

Rev. No.:	Date:	Description:
1	10/18/24	BID Addendum No 1

WALLKILL CENTRAL SCHOOL DISTRICT

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

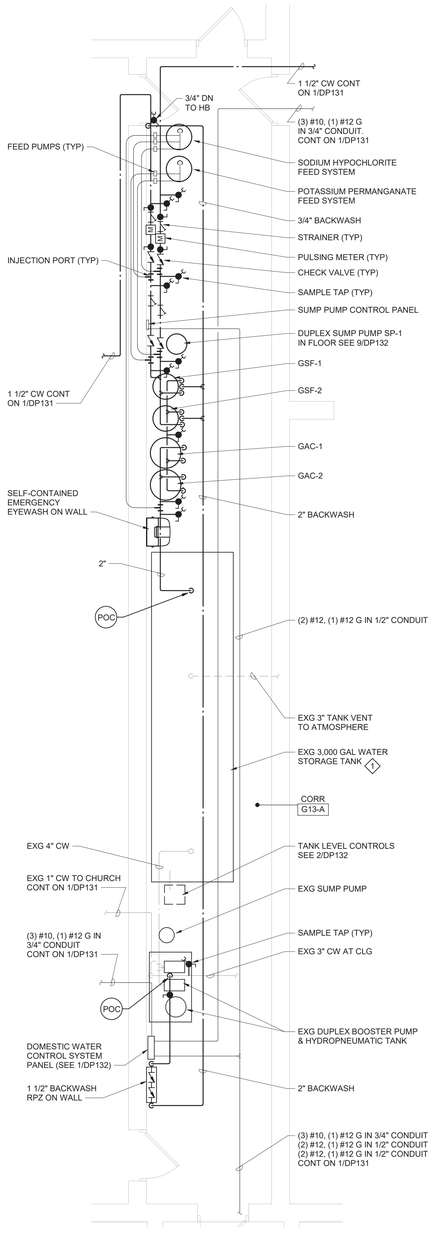
Wallkill Central School District
Wallkill, New York

Reconstruction to:
Plattekill Elementary School

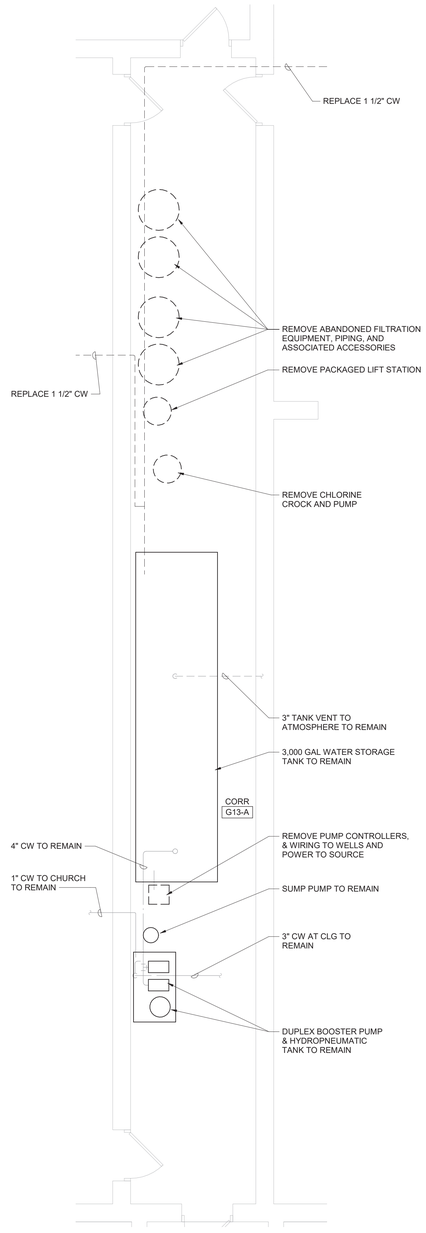
First Floor Key Plan, Detail and Schedules

Drawn By:	Date:	Drawing Number:
BCL	12/18/2023	DP130
Project No.: 17597-22002B		

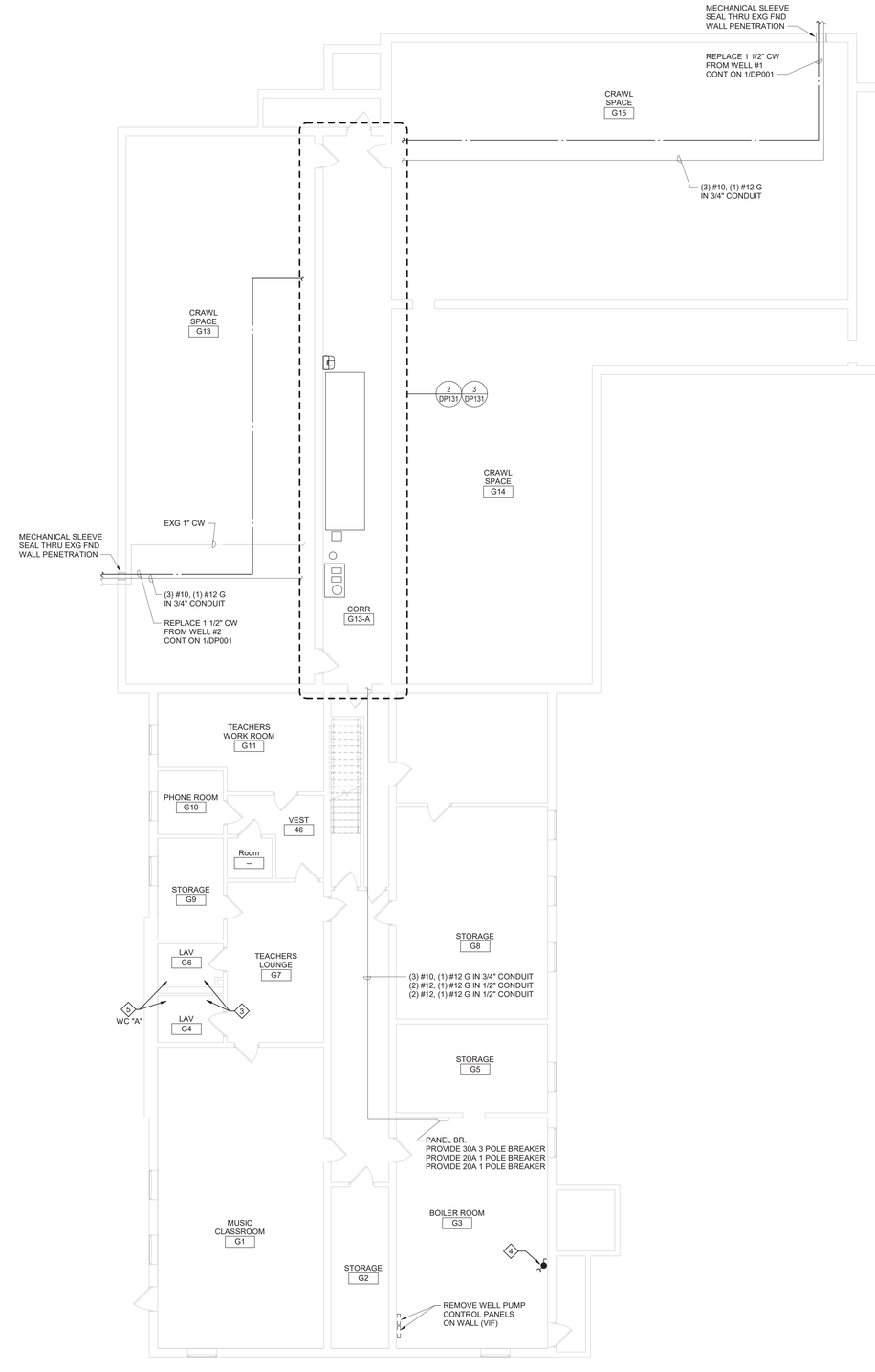
DRAWING RE-ISSUED BY BID ADDENDUM NO 1



3 Corr G13-A Plan
1/4" = 1'-0"



2 Corr G13-A Demolition Plan
1/4" = 1'-0"



1 Partial Basement Plan
1/8" = 1'-0"

Domestic Well Pump Schedule

DWG LABEL	LOCATION	DESIGN MAKE AND MODEL	CAPACITY	TOTAL HEAD	MAX CONT OPERATING TEMP	INLET / OUTLET SIZE	RPM	HORSE POWER	FULL LOAD AMPS	VOLTAGE	PHASE	HERTZ	NOTES
			GPM	FEET	°F	NPS							
WP-1	EXG WELL	GRUNDFOS 10 SQ15-330	13	275	104	1 1/2"	3450	2.5	7.5	208	3	60	1, 2
WP-2	EXG WELL	GRUNDFOS 10 SQ15-330	13	275	104	1 1/2"	3450	2.5	7.5	208	3	60	1, 2

NOTES:
1. INSTALL PUMP ON 1 1/2" DROP PIPE AND ROUTE WIRING FROM WELL HEAD DOWN CASING TO PUMP. CONNECT WIRING AND DISCHARGE PIPE TO EXISTING SERVICES.
2. FINAL WELL PUMP SELECTION WILL BE MADE AFTER WELL YIELD TESTS AND EXISTING WELL DEPTH INFORMATION HAVE BEEN SUBMITTED TO ENGINEER.

Sump Pump Schedule

DWG LABEL	LOCATION	CAPACITY (EACH PUMP)	TOTAL DYNAMIC HEAD	MAX CONT OPERATING TEMP	DISCHARGE	PUMP SPEED	HORSE POWER	VOLTAGE	PHASE	HERTZ	NOTES
		GPM	FEET	°F	NPS	RPM					
SP-1	CORR G13-A	30	25	140	2	3000	1/2	120	1	60	1, 2, 3

NOTES:
1. DESIGN MAKE: LIBERTY PUMPS OR APPROVED EQUAL.
2. DUPLEX PUMPS WITH LEVEL CONTROLS.
3. DATA PROVIDED IS FOR EACH OF THE TWO PUMPS. CONTROLLER TO ALTERNATE BETWEEN PUMPS.

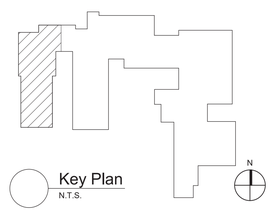
Plan Notes

A. REFER TO DRAWING NO. DP001 FOR GENERAL NOTES.

B. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.

Plumbing Notes

1. CLEAN INTERIOR OF EXISTING WATER STORAGE TANK. TANK TO BE CLEANED UTILIZING HIGH PRESSURE STEAM AND/OR BRUSHING. LEGALLY DISPOSE OF WATER, SLUDGE, MINERAL DEPOSITS, ETC REMOVED FROM TANK. DISINFECT TANK AND PIPE PER AWWA C652 UPON COMPLETION OF WORK.
2. CALIBRATE FEED PUMP DOSAGE SO RESIDUAL CHLORINE LEVEL AT OUTLET OF STORAGE TANK DOES NOT EXCEED 4 PARTS PER MILLION, IN ACCORDANCE WITH NEW YORK CODE, RULES AND REGULATIONS SUBPART 5-1 PUBLIC WATER SYSTEMS.
3. AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE, REMOVE STRAINERS ON ALL EXISTING SINK AND LAVATORY FAUCETS WITHIN BUILDING. RUN WATER THROUGH OPEN FAUCETS TO CLEAR ANY DEBRIS AND SEDIMENT FROM THE SUPPLY PIPING UNTIL CLEAN WATER IS ATTAINED. CLEAN, INSPECT AND RE-INSTALL STRAINERS ON FAUCETS. VERIFY IN FIELD EXACT QUANTITIES AND LOCATIONS.
4. AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE, OPEN ANY EXISTING DRAIN VALVES, HOSE BIBBS, WALL HYDRANTS, ETC TO AID IN REMOVING ANY DEBRIS AND SEDIMENT FROM THE SUPPLY PIPING UNTIL CLEAN WATER IS ATTAINED. VERIFY IN FIELD EXACT QUANTITIES AND LOCATIONS.
5. BY BASE BID: AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE, DISASSEMBLE EXISTING FLUSH VALVE. RUN WATER THROUGH OPEN VALVE TO CLEAR ANY DEBRIS AND SEDIMENT FROM THE SUPPLY PIPING UNTIL CLEAN WATER IS ATTAINED. CLEAN AND INSPECT FLUSH VALVE ASSEMBLY BEFORE INSTALLING FLUSH VALVE REBUILD KIT. VERIFY IN FIELD EXISTING MAKE AND MODEL FOR EACH FLUSH VALVE PRIOR TO ORDERING REBUILD KITS. BY ALTERNATE: AFTER WELLS HAVE BEEN PUT BACK INTO SERVICE, REPLACE FLUSH VALVE IN-KIND.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-005-018

Rev. No.:	Date:	Description:
1	10/18/24	BID Addendum No 1

WALLKILL CENTRAL SCHOOL DISTRICT

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Plattekill Elementary School

Partial Basement Plan, Details and Schedule

Drawn By:	Date:	Drawing Number:
BCL	12/18/2023	DP131

Project No.: 17597-22002B

DRAWING RE-ISSUED BY BID ADDENDUM NO 1