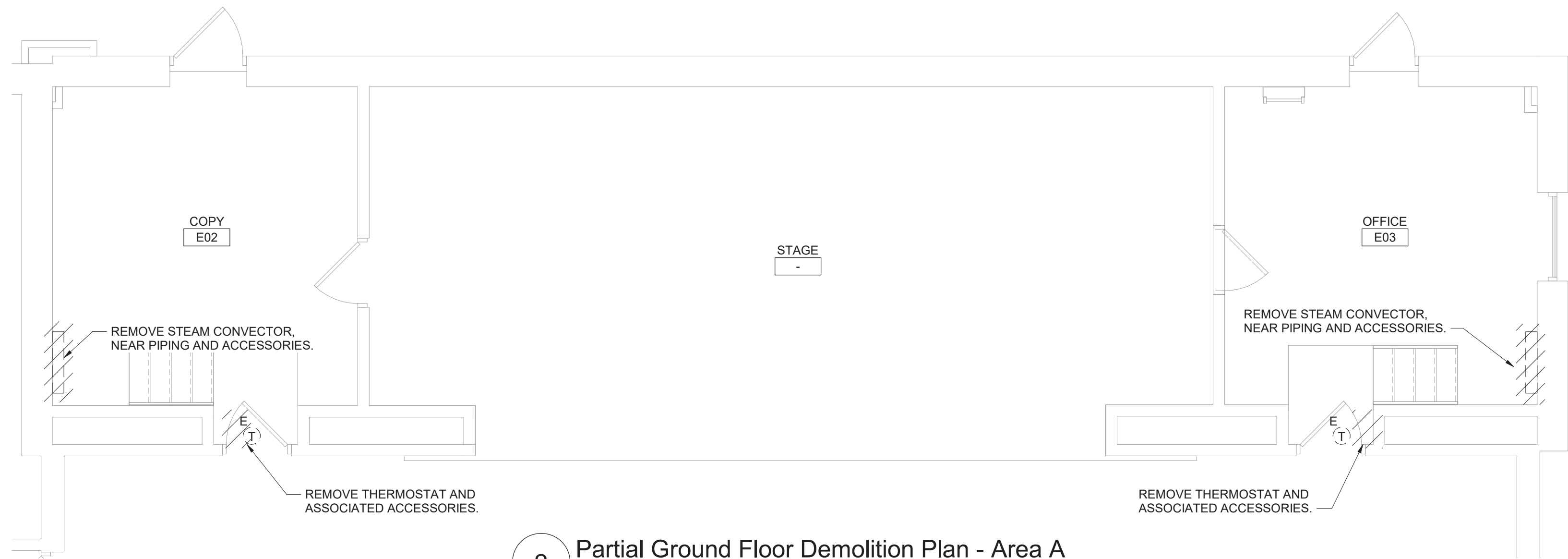
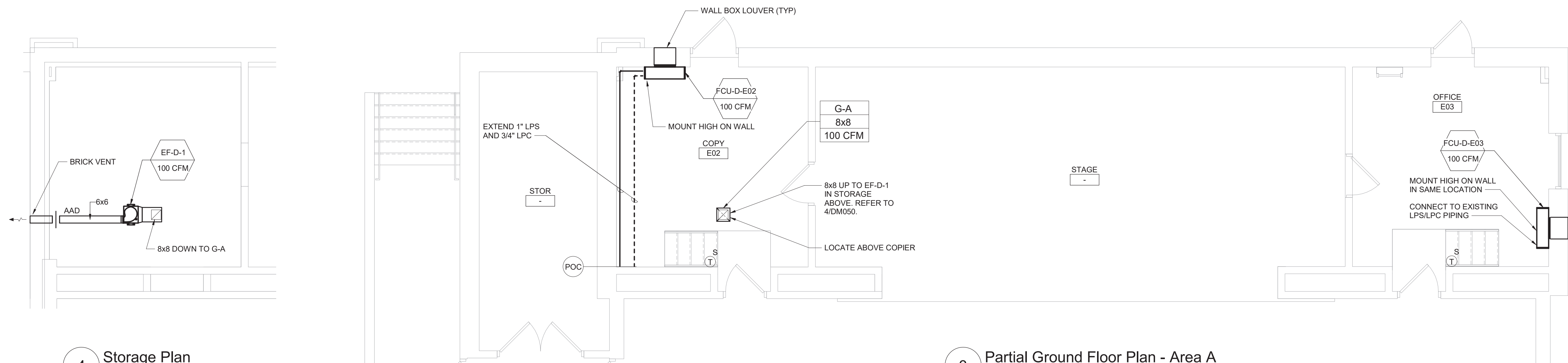


1 Ground Floor Key Plan
3/32" = 1'-0"



2 Partial Ground Floor Demolition Plan - Area A
1/4" = 1'-0"

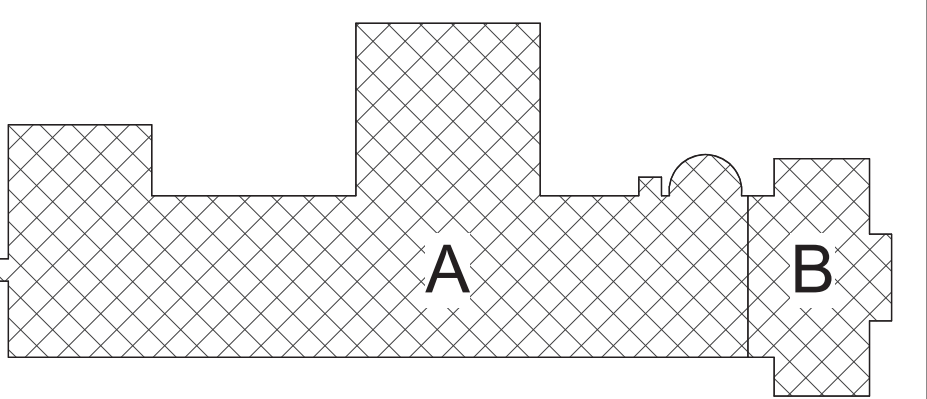


4 Storage Plan
1/4" = 1'-0"

3 Partial Ground Floor Plan - Area A
1/4" = 1'-0"

General Notes

- THE FOLLOWING GENERAL NOTES APPLY TO ALL "DM" SERIES DRAWINGS.
- REFER TO ALL CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS, FOR DETAILED STANDARDS AND REQUIREMENTS.
- REPORT UNSAFE OR UNSATISFACTORY CONDITIONS IN WRITING TO ARCHITECT AND RESOLVE ISSUES BEFORE PROCEEDING.
- WORK INCLUDES ALL LABOR AND MATERIALS REQUIRED TO PROVIDE COMPLETE WORKING SYSTEMS.
- COORDINATE PHASING REQUIREMENTS AT JOB MEETINGS AND ON WORK SCHEDULES.
- DO NOT SCALE DRAWINGS. PIPING AND DUCTWORK ARE SHOWN DIAGRAMMATICALLY. IT IS NOT POSSIBLE TO SHOW EVERY TRANSITION, FITTING, ASPECT RATIO CHANGE, ETC.; PROVIDE AS REQUIRED TO FIT WITHIN STRUCTURAL CONSTRAINTS. EXAMINE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND VERIFY ALL ACCESS, LOCATIONS, DIMENSIONS, ARRANGEMENTS, ELECTRICAL CHARACTERISTICS AND INTERFERENCE IN THE FIELD PRIOR TO BID.
- VERIFY EXTENT OF CEILING WORK SHOWN ELSEWHERE IN THE CONTRACT DOCUMENTS. PROVIDE FOR ADDITIONAL CEILING SYSTEM REMOVAL, PROTECTION, AND REINSTALLATION AS REQUIRED FOR CONTRACT WORK.
- DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF ITEMS AND SYSTEMS TO BE REMOVED. IT IS NOT THE INTENT TO SHOW ALL ITEMS TO BE REMOVED. FIELD VERIFY AND REMOVE ALL ASSOCIATED ITEMS BACK TO POINT OF CONTINUED SERVICE, UNLESS OTHERWISE NOTED. VERIFY WHAT ALL EQUIPMENT SERVES PRIOR TO REMOVAL.
- GIVE ALL REMOVED EQUIPMENT TO THE OWNER. DELIVER ON SITE WHERE DESIGNATED BY THE OWNER. PROMPTLY REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ANY SUCH ITEMS DECLINED BY OWNER.
- IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL CONFLICTS ARE ENCOUNTERED, INVESTIGATE AND REPORT BOTH NATURE AND EXTENT OF THE CONFLICT. RE-ROUTE WORK AS REQUIRED.
- CUT, DRILL, OR OTHERWISE CREATE OPENINGS AS NEATLY AS POSSIBLE, AS REQUIRED FOR THE INDICATED CONTRACT WORK. PROVIDE SUPPORT AS REQUIRED FOR AND USE METHODS LEAST LIKELY TO DAMAGE ELEMENTS TO REMAIN. PRIOR TO WORK, VERIFY LOCATIONS OF ALL STRUCTURAL MEMBERS INCLUDING CROSS BRACINGS, ELECTRICAL WIRING, PLUMBING, ETC. PROMPTLY NOTIFY ARCHITECT OF ANY CONFLICTS. DO NOT CUT ANY STRUCTURAL MEMBERS OR OTHER SERVICES UNTIL SPECIFICALLY DIRECTED TO DO SO. FURNISH RECEIPT OF DIRECTIVE.
- REARRANGE SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT DELAY.
- PATCH ALL DISTURBANCES RESULTING FROM DEMOLITION OR NEW WORK TO MATCH SURROUNDING SURFACES. PATCH FOLLOWING DEMOLITION, AND AGAIN FOLLOWING WORK, WHERE HOLES REMAIN FROM REMOVALS, INFILL AND PATCH TO MATCH UNLESS HOLE IS TO BE REUSED.
- PROTECT ALL CONTRACT EQUIPMENT. ELEMENTS TO REMAIN, OWNER'S BELONGINGS, AND EQUIPMENT TO BE REUSED OR RETAINED BY OWNER DURING ALL CONTRACT WORK. AT NO ADDITIONAL COST TO OWNER, REPAIR OR REPLACE ITEMS WHICH ARE DAMAGED.
- THOROUGHLY CLEAN FOLLOWING DEMOLITION AND BEFORE BEGINNING CONTRACT INSTALLATIONS. THOROUGHLY CLEAN AGAIN DURING AND FOLLOWING CONTRACT WORK AS REQUIRED. LEAVE ALL WORK AREAS CLEANER THAN FOUND. LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS.
- PROVIDE TEMPORARY PIPING, DUCT, HEAT, WEATHERPROOFING, ETC. TO SERVICES TO REMAIN UNTIL PERMANENT INSTALLATIONS CAN BE MADE.
- ALL EXCESS MATERIALS AND SCRAPS ARE CONTRACTOR'S PROPERTY. PROMPTLY REMOVE FROM SITE UNLESS SPECIFICALLY DIRECTED OTHERWISE.
- EXISTING HVAC COMPONENTS IN THIS BUILDING MAY CONTAIN, BE IN PROXIMITY TO, OR, WORK ON THEM MAY CAUSE DISTURBANCE OF, ASBESTOS CONTAINING OR OTHER HAZARDOUS MATERIALS. REFER TO ABATEMENT SERIES DRAWINGS AND SPECIFICATIONS COMPLETE FOR ADDITIONAL INFORMATION.
- SEAL ALL FLOOR, WALL AND CEILING PENETRATIONS PER FIRE-RESISTANCE RATINGS NOTED ON AG-SERIES DRAWINGS, BUT NOT LESS THAN 1-HOUR, AND IN ACCORDANCE WITH SECTION 07 84 13 - PENETRATION FIRESTOPPING. THIS INCLUDES ALL NEW PENETRATIONS AND EXISTING UNFIRESTOPPED PENETRATIONS CREATED BY REMOVALS, AS REQUIRED TO PERFORM THE WORK.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.: Date: Description:



complex world | CLEAR SOLUTIONS

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

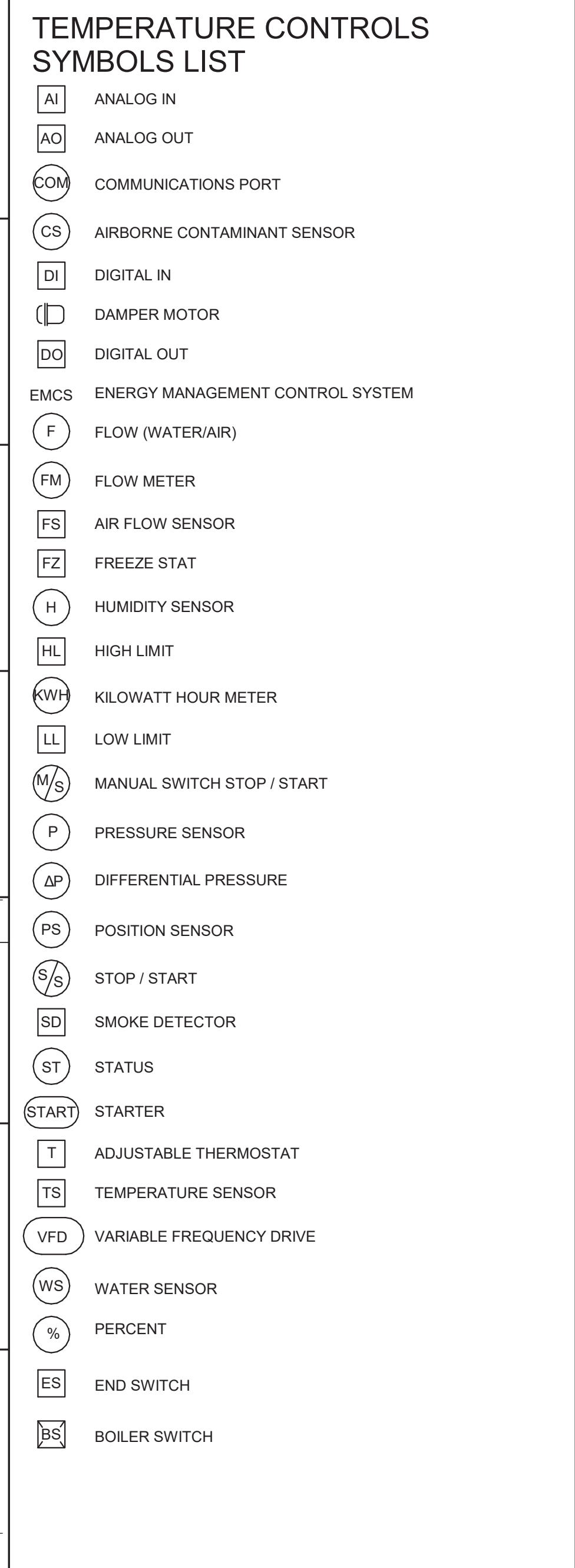
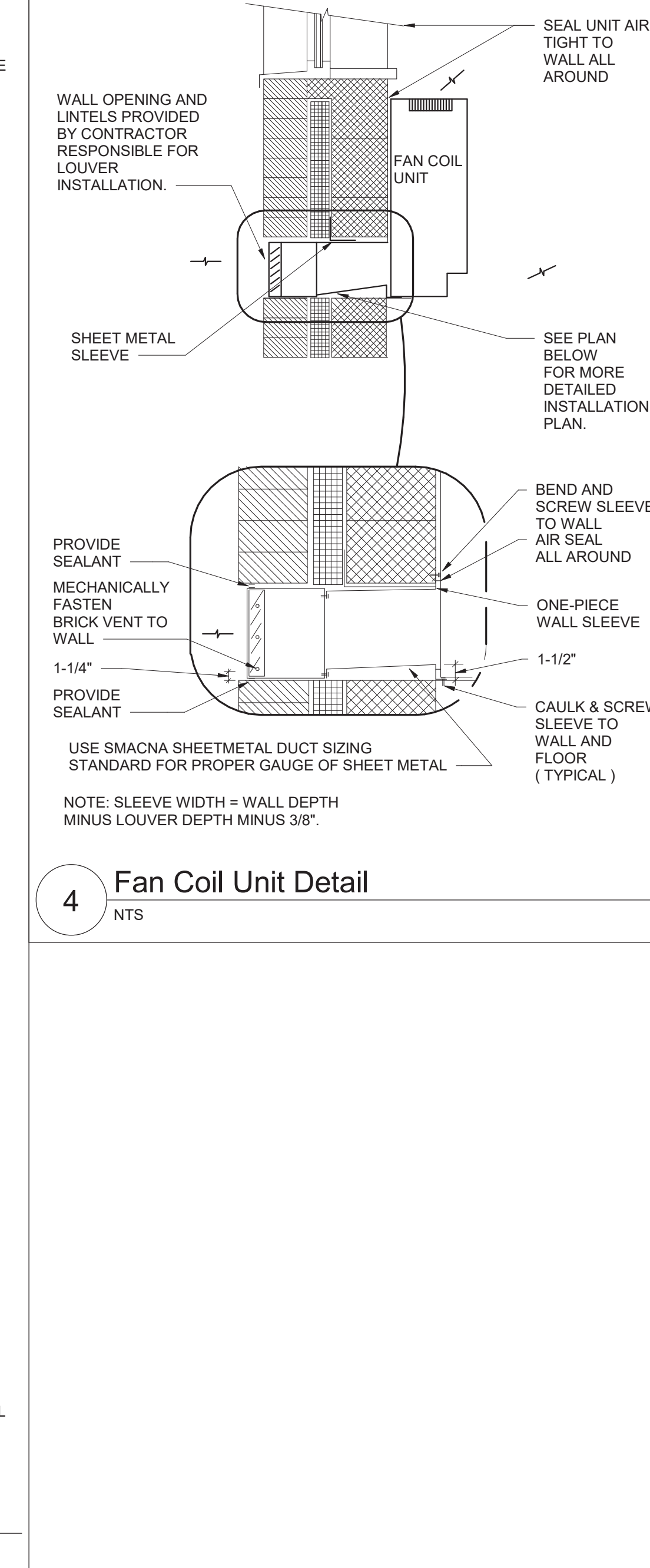


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Ground Floor Floor Key, Demolition
and Floor Plans

Drawn By: JPF/1/pgm	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DM050	



FAN COIL UNIT (FCU) SCHEDULE																	
		HEATING DATA								SUPPLY FAN			ELECTRICAL				
DWG LABEL	LOCATION	MODEL NO.	SA CFM	MIN. OA	NO. ROW	EAT (°F)	LAT (°F)	CAP. (MBH)	STEAM (PSI)	ESP. (IN. WG.)	RPM	MOTOR SIZE (HP)	V/PH	FLA	MCA	MOP	NOTES
FCU-D-002	COPY E-03	FFFB020	100	20	1	56.2	153.3	10.5	2	0.00	0.03	120V1e	2.2	2.8	15	1-6	
FCU-D-003	OFFICE E-03	FFFB020	100	20	1	56.2	153.3	10.5	2	0.00	730	0.03	120V1e	2.2	2.8	15	1-6

NOTES:

1. DESIGN BASIS: TRANE

2. VERTICAL WALL HUNG CABINET UNIT

3. PROVIDE 1" MERV13 FILTER.

4. PROVIDE NEMA 1 DISCONNECT SWITCH.

5. VERIFY PIPE AND ELECTRICAL LEFT/RIGHT HAND CONNECTIONS PRIOR TO ORDERING.

6. PROVIDE FRONT BOTTOM INLET, FRONT TOP OUTLET AND BACK FRESH AIR INTAKE WITH WALL BOX LOUVER.

EXHAUST AIR

FAN

ST

DI

DO

DO

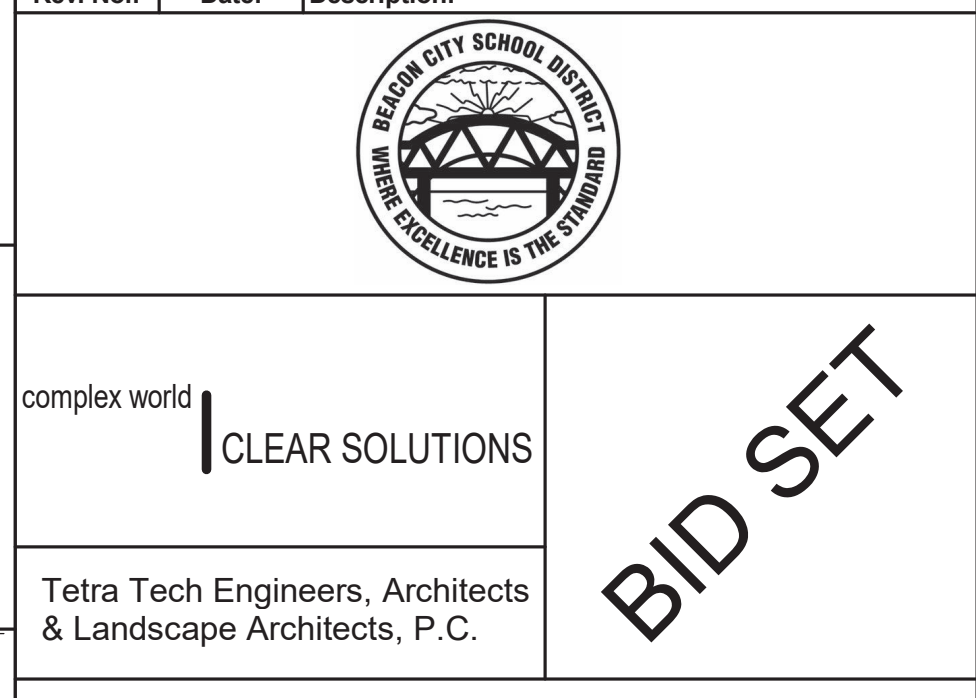
EXHAUST FAN - CONSTANT SPEED - SEQUENCE OF OPERATIONS:


INTERLOCK THE OPERATION OF THE EXHAUST FANS AND AUTOMATIC DAMPERS WITH THEIR RESPECTIVE HEATING AND COOLING EQUIPMENT.

1. OCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL RUN CONTINUOUSLY AND THE AUTOMATIC AIR DAMPER SHALL OPEN.
2. UNOCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL BE OFF AND THE AUTOMATIC AIR DAMPER SHALL BE CLOSED.
3. WARM-UP MODE:
 - a. THE EXHAUST FAN SHALL BE OFF AND THE AUTOMATIC AIR DAMPER SHALL BE CLOSED.
4. SAFETIES:
 - a. UPON A FAILURE OF THE FAN, AS SENSED BY A CURRENT SENSING STATUS SWITCH, AN ALARM SHALL BE ACTIVATED.

3 Exhaust Fan - Constant Speed

NTS

[illegible]

 <div style="display: inline-block; vertical-align: middle; text-align: center;"> TETRA TECH ARCHITECTS & ENGINEERS </div>		
Beacon City School District Beacon, New York		
Reconstruction to: South Ave Elementary School		
Details, Schedules and Controls		
Drawn By: JPF:jfpgm	Date: 10/28/2022	Drawing Number: <div style="font-size: 2em; font-weight: bold; text-align: center;">DM500</div>
Project No.: 279180-22004		