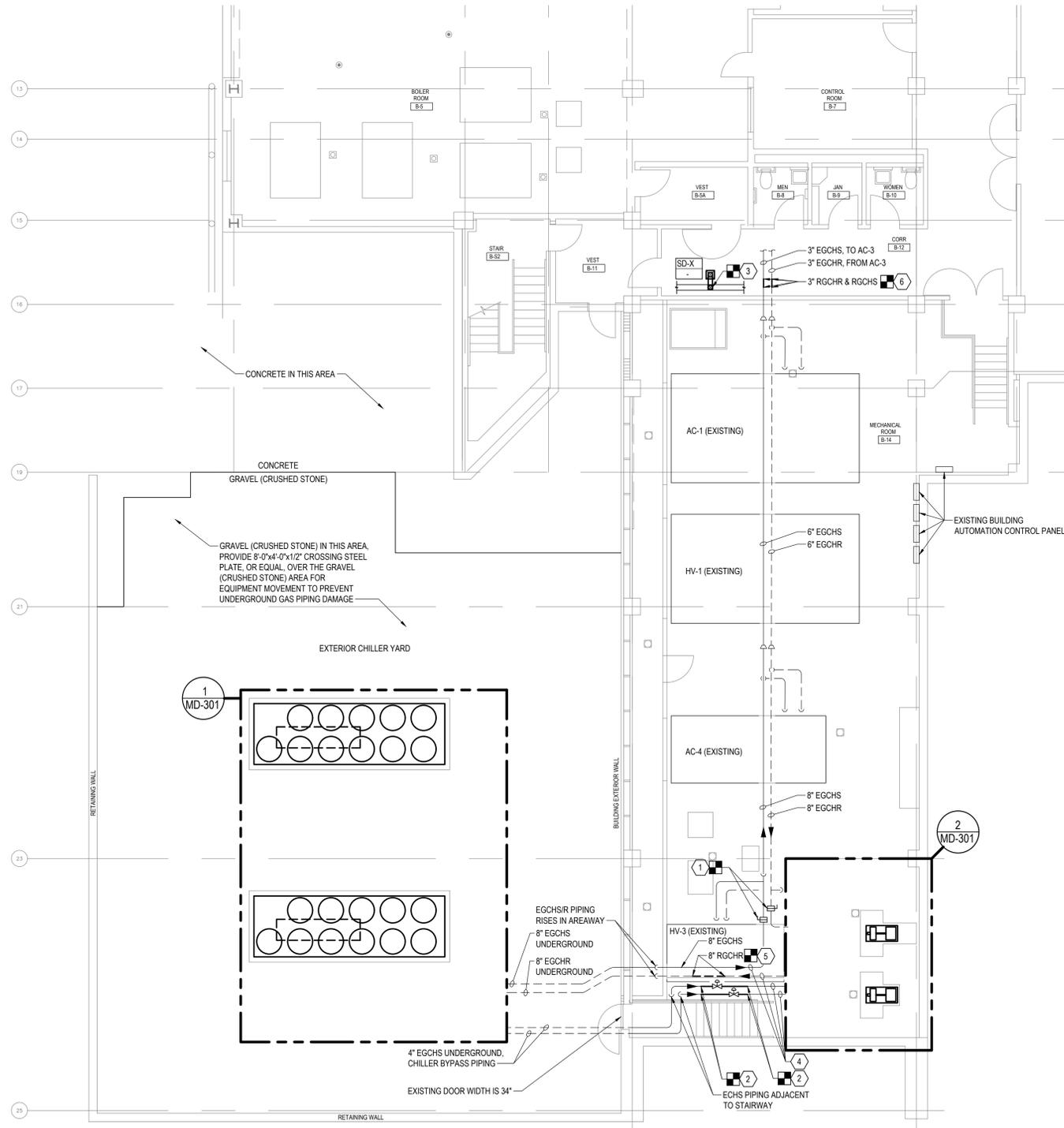
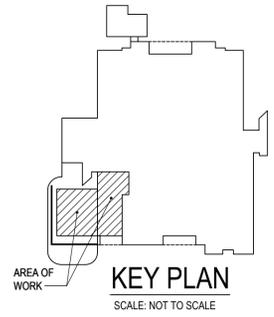


FILE: R:\PROJECTS\843 - OCS ORANBURG\CHILLER REPLACEMENT\CAD\843 - MD-101.DWG
 USER: CHRISTOPHER STROM
 PLOTTED: 12/14/2023 11:34:00 AM



1 PARTIAL BASEMENT PIPING REMOVAL PLAN
 SCALE: 1/8" = 1'-0"



GENERAL NOTES

- FIELD VERIFY EXISTING CONDITIONS PRIOR TO INITIATING WORK FOR THIS PROJECT. CONTRACT DOCUMENTS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS AND FIELD INVESTIGATION. NOTIFY THE DIRECTOR'S REPRESENTATIVE OF INCONSISTENCIES IDENTIFIED BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS THAT IMPACT THE ABILITY TO PERFORM THE WORK INDICATED ON THE CONTRACT DOCUMENTS.
- PERFORM CUTTING AND PATCHING REQUIRED FOR THE WORK, UNLESS OTHERWISE NOTED. PATCHING SHALL MATCH SURROUNDING EXISTING SURFACES IN KIND. PROVIDE FIRE STOPPING FOR PENETRATIONS THROUGH INTERIOR WALLS.
- COORDINATE UTILITY SHUTDOWNS WITH DIRECTOR'S REPRESENTATIVE.
- NO MATERIAL OR EQUIPMENT SHALL BE IN CONTACT WITH EXISTING FIRE SPRINKLER PIPING.
- PRIOR TO REMOVAL OF EQUIPMENT AND PIPING, REVIEW WITH THE DIRECTOR'S REPRESENTATIVE ANY ITEMS THEY MAY WISH TO SALVAGE.
- PROVIDE HEAVY DUTY SPREADER PLATES BELOW THE ENTIRETY OF LIFTING/RIGGING EQUIPMENT, VEHICLES INCLUDING TRUCKS, THE EQUIPMENT BEING RIGGED, AND OTHER EQUIPMENT, ON THE GRADE/PAVEMENT/GROUND TO SPREAD OUT THE LOAD. HEAVY DUTY SPREADER PLATES SHALL BE MINIMUM 1/2" THICK STEEL PLATES (OR EQUAL) TO PREVENT DAMAGING UNDERGROUND UTILITIES. THE EXISTING GRADE/PAVEMENT/GROUND AND UNDERGROUND UTILITIES SHALL NOT BE DAMAGED BY LIFTING/RIGGING EQUIPMENT, VEHICLES INCLUDING TRUCKS, THE EQUIPMENT BEING RIGGED, OR OTHER EQUIPMENT. DAMAGE TO GRADE/PAVEMENT/GROUND AND OR UNDERGROUND UTILITIES SHALL BE RESTORED TO PRIOR CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
- CEILING WORK AREA WITHIN THE MECHANICAL ROOMS IS CONGESTED WITH PIPING, DUCTWORK, AND CONDUIT. PIPING WITHIN THE MECHANICAL ROOMS IS INSTALLED BETWEEN 10'-0" TO 15'-0" AFF.
- REMOVE CONTROL WIRING AND CONDUIT FROM EQUIPMENT/DEVICE/SENSOR/ECT. BACK TO THE EXISTING BUILDING AUTOMATION PANEL SERVING IT.
- PROVIDE TEMPORARY MEANS TO RECOVER AND STORE GLYCOL-WATER SOLUTION ON-SITE. COORDINATE STORAGE VESSELS LOCATION WITH THE DIRECTOR'S REPRESENTATIVE. SYSTEM SIZE IS APPROXIMATELY 2,250 GALLONS OF GLYCOL-WATER SOLUTION, WHICH REQUIRES APPROXIMATELY TWO 17'-9"L x 8'-4"W x 6'-7"H STORAGE TANKER TRAILERS. PROVIDE ADDITIONAL/REPLACEMENT GLYCOL-WATER SOLUTION AS NECESSARY TO RE-FILL THE SYSTEM TO ACCOUNT FOR SOLUTION LOSS DURING DRAIN/RE-FILL. PROVIDE APPROXIMATELY 15% OF THE SYSTEM TOTAL VOLUME (SOLUTION IS 30% INHIBITED PROPYLENE GLYCOL, 70% WATER).

KEYED NOTES

- REMOVE 8" BUTTERFLY VALVES.
- REMOVE 4" RGCHS PIPING WITH BUTTERFLY VALVES, STRAINER, AND CONTROL VALVE. ENTIRETY OF VALVING IS NOT SHOWN ON PLAN FOR CLARITY. REFER TO 1M501 FOR ADDITIONAL INFORMATION. TURN THE TWO BY-PASS CONTROL VALVE ACTUATORS (VALVE BODY TO BE REMOVED) OVER TO THE DIRECTOR'S REPRESENTATIVE (PALLETIZE AND SHRINK WRAP), DELIVER TO LOCATION AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
- REMOVE 6"x6" RS SUPPLY DUCTWORK. SALVAGE EXISTING DIFFUSER FOR REINSTALLATION.
- 8" EGCHS/RS STACKED ABOVE 4" EGCHS/RS BY-PASS LINES. OFFSET FOR CLARITY.
- REMOVE ±4'-0" OF 8" RGCHR AS REQUIRED TO INSTALL FLOW METER.
- REMOVE ±1'-0" OF 3" RGCHS AND REMOVE ±1'-0" OF 3" RGCHR AS REQUIRED TO INSTALL 3" VALVES.

CONSULTANT
 CERTIFICATE OF AUTHORIZATION #: 017869



Friedman Fisher Associates, P.C.

WARNING:
 THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.



REGISTRATION EXPIRES:
 10/31/24

CONTRACT: HVAC

TITLE: REPLACE BUILDING CHILLERS, BUILDING 144

LOCATION: COOK CHILL PRODUCTION CENTER
 145 OLD ORANBURG ROAD
 ORANBURG, NY

CLIENT: OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION
	12/6/2023	BID DOCUMENTS
PROJECT NUMBER:	47430	- H
DESIGNED BY:	CHS	
DRAWN BY:	CHS	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:		
PARTIAL BASEMENT PIPING REMOVAL PLAN		
DRAWING NUMBER:		
MD-101		
SHEET 6 OF 18		