## ROOM B-5 ROOM B-7 STAIR B-S2 VEST B-11 CORR B-12 MECHANICAL ROOM B-14 AC-1 (EXISTING) 77 - DIGITAL ENERGY METER -EXISTING BUILDING AUTOMATION CONTROL PANEL EXTERIOR CHILLER YARD - PROVIDE BUILDING HV-1 (EXISTING) AUTOMATION CONTROL PANEL WITH SYSTEM CONTROLLER EXPANSION MODULE CHILLER CONTROL PANEL END AC-4 (EXISTING) ACC-1 SUPPLY PRESS. SENSOR -ACC-1 SUPPLY TEMP. SENSOR -ACC-1 SHUT-OFF VALVE — -BURIED ACC-1 FLOW SWITCH (BY CHILLER MFR.) CONTROLS WIRING 23 SYSTEM SUPPLY - CHILLER CONTROL PANEL END TEMP. SENSOR — SYSTEM RETURN TEMP. SENSOR -P-1 DIFFERENTIAL PRESSURE SENSOR HV-3 (EXISTING) ACC-2 SUPPLY PRESS. SENSOR -ACC-2 SUPPLY TEMP. SENSOR -— SYSTEM FLOW ACC-2 SHUT-OFF VALVE — -BURIED - <u>P-2</u> DIFFERENTIAL PRESSURE SENSOR METER — ACC-2 FLOW SWITCH (BY CHILLER MFR.) CONTROLS WIRING ACC-2 PRESSURE SENSOR

- ACC-2 RETURN TEMP. SENSOR

RETAINING WALL

CHILLER ACC-1 BY-PASS VALVE —

CHILLER ACC-2 BY-PASS VALVE -

PARTIAL BASEMENT MECHANICAL ROOM B-14 AND CHILLER PLANT CONTROLS PLAN

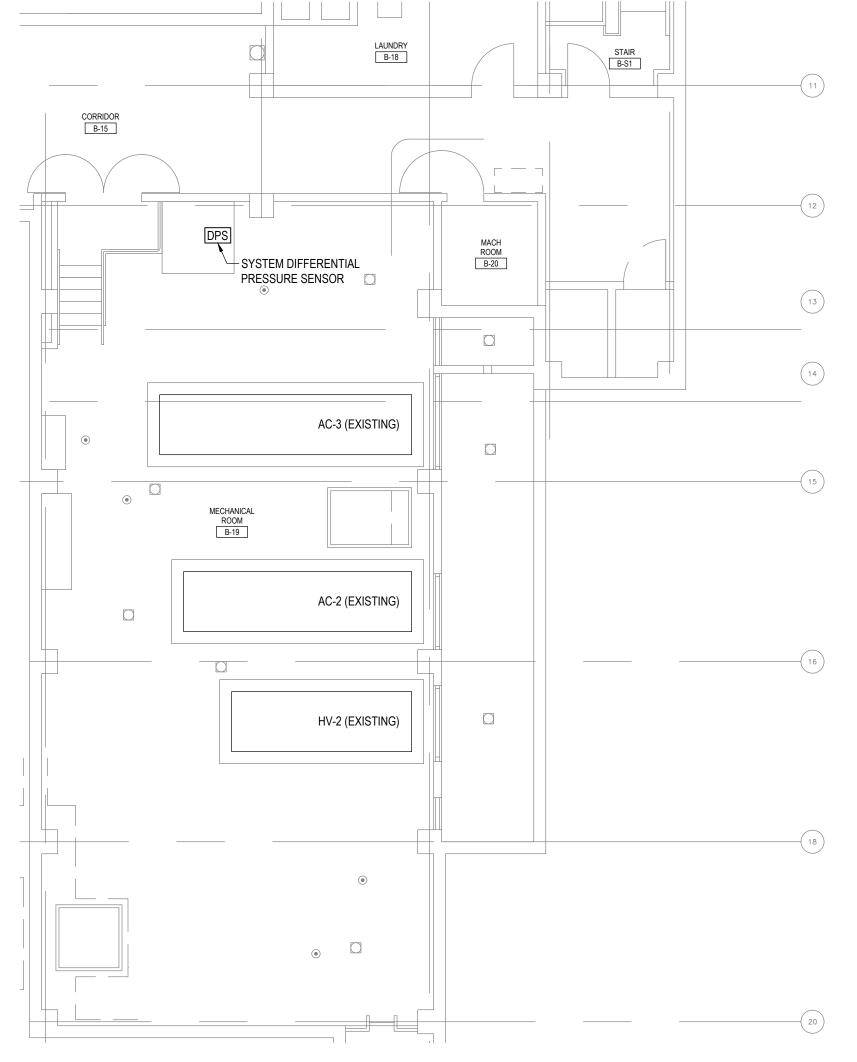
## **GENERAL NOTES**

- 1. CONTROLS WIRING SHALL BE WITHIN CONDUIT. REFER TO SPECIFICATION SECTION 260502 FOR ADDITIONAL INFORMATION.
- 2. PRIOR TO DRILLING THE CONCRETE FLOOR SLAB AND THE WALL, AS REQUIRED TO INSTALL CONTROLS WIRING/CONDUIT AND ANY OTHER UTILITIES PENETRATING FLOORS/WALLS, LOCATE AND MARK EXISTING IN-CONCRETE SLAB ELECTRICAL CONDUIT AND STEEL RE-BARS USING ELECTRONIC DEVICE SUCH AS SCANNER. THE CONTRACTOR IS FULLY RESPONSIBLE TO REPAIR AT OWN EXPENSE ELECTRICAL CIRCUIT (CONDUIT AND WIRES) DAMAGED DURING THE CONTRACT WORK AT NO COST TO STATE.

## **KEYED NOTES**

CONTROLS WIRING SERVING THE FOLLOWING EXTERIOR MOUNTED EQUIPMENT/SFNSORS/DEVICES SHALL BE SUSTED. EQUIPMENT/SENSORS/DEVICES SHALL BE BURIED UNDERGROUND FROM THE BUILDING EXTERIOR WALL PENETRATION TO WHERE IT EXTENDS ABOVE GRADE ADJACENT TO THE CHILLERS: CHILLERS ACC-1 AND ACC-2, TEMPERATURE SENSORS, PRESSURE SENSORS, FLOW SWITCHES, CONTROL VALVES, ETC..

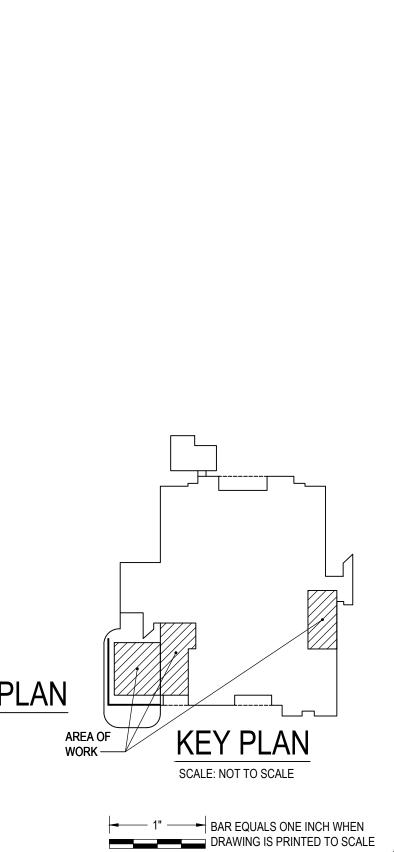
> CONTROLS WIRING, CONNECTIONS TO THE EQUIPMENT/SENSORS/DEVICES, EXPOSED INDOOR CONDUIT, AND ABOVE GRADE EXTERIOR CONDUIT SHALL BE PROVIDED UNDER THIS CONTRACT. THE BURIED CONTROLS CONDUIT SHALL BE PROVIDED BY THE E-CONTRACT FROM THE BUILDING EXTERIOR WALL PENETRATION TO JUST ABOVE GRADE ADJACENT TO THE CHILLERS, REFER TO E-DRAWINGS FOR ADDITIONAL INFORMATION.



PARTIAL BASEMENT MECHANICAL ROOM B-19 CONTROLS PLAN SCALE: 1/8" = 1'-0"

DRAWING NUMBER:

M - 801



**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 ARCHITEC FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

NEW YORK Office of

Friedman Fisher Associates, P.C.

CERTIFICATE OF AUTHORIZATION #: 017869

CONSULTANT

REPLACE BUILDING CHILLERS,
BUILDING 144

COOK CHILL PRODUCTION CENTER 145 OLD ORANGEBURG ROAD ORANGEBURG, NY

> OFFICE OF MENTAL HEALTH

CLIENT:

12/6/2023 BID DOCUMENTS

DATE DESCRIPTION - H 47430

NUMBER: DESIGNED BY: DRAWN BY: CHS FIELD CHECK:

PARTIAL BASEMENT

CONTROLS PLANS

APPROVED: SHEET TITLE: