**INDEX OF DRAWINGS** 

PARTIAL CAMPUS MECHANICAL FLOOR PLAN

ME321 BUILDING 'C' - MECHANICAL PLATFORM PLANS AND

ME320 BUILDING 'B' - MECHANICAL ROOM PLANS AND DETAILS

G100 COVER SHEET, GENERAL NOTES, SYMBOLS, &

DRAWING INDEX

**DETAILS** 

KNOCK DOWN

LEFT HAND

LOW POINT

LIGHTWEIGHT

LIVE LOAD

**MECHANICAL** 

MOUNT(ED)

METAL

NOMINAL

NUMBER

OPENING

ON CENTER

MANUFACTURER

NOT IN CONTRACT

OUTSIDE DIAMETER

NOT TO SCALE

LONG LEG HORIZONTAL

LONG LEG VERTICAL

MASONRY OPENING

METAL THRESHOLD

LT WT

MAX

MB (16)

MECH CONTR

MECH

NOM

NTS

OC

OD

OPNG

LAMINATE/LAMINATING/LAMINATED

MARKERBOARD (LENGTH IN FEET)

MECHANICAL CONTRACTOR

MOP SERVICE BASIN (SINK)

OVERALL OR OUTSIDE AIR

OUTSIDE FACE OR OPPOSITE FACE

OPPOSITE OR OPPOSITE HAND

PRESSURE TREATED OR PAINT

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT. ABBREVIATIONS MAY APPEAR WITH PERIODS OR OTHER PUNCTUATION SEPARATING CHARACTERS ON THE DRAWINGS; THE MEANING REMAINS THE SAME.

MINIMUM OR MINUTE(S)

DETAIL NUMBER-<del>--\-</del>A7.19 / DRAWING NUMBER — DETAIL NUMBER -DRAWING NUMBER -DETAIL NUMBER DRAWING NUMBER — A6.05/ **(26)** COLUMN NO reference line no 100'-0" **ELEVATION** 

A12.24

**G** 

204 NUMBER 203.2 203.1X

NOMINAL THICKNESS -CONSTRUCTION TYPE SPECIAL CONDITION KEYNOTE

7.531 WINDOW TYPE

TOILET ACCESSORY IDENTIFICATION **ELEVATION** 

CONCRETE

BRICK MASONRY IN CONCRETE MASONRY IN PLAN (RUNNING BOND)

MASONRY IN PLAN (STACK BOND) STONE MASONRY IN

RAKED JOINT IN CTRL./EXP. JOINT

BRICK MASONRY IN SECTION DETAIL CONCRETE MASONRY IN

SECTION DETAIL STONE MASONRY IN SECTION DETAIL

STEEL IN SECTION

STANDARD

SUSPEND(ED)

SYMMETRICAL

TOP OF BEAM

TOP OF CURB

TOP OF STEEL

TOP OF WALL

TOP OF MASONRY

VINYL BASE COVED

VERTICAL

WITHOUT

WINDOW

WATER PROOF

WEIGHT

WIDE OR WIDTH

VINYL BASE STRAIGHT

VINYL COMPOSITION TILE

VENEER PLASTER (TYPE)

WALL CORNER GUARD

WELDED WIRE FABRIC

WALL SERVICE BASIN

TOP OF

STANDARD WEIGHT

TONGUE AND GROOVE

TOP OF FOUNDATION

TACKBOARD (LENGTH IN FEET)

(WINDOW) UNIT DIMENSION

UNLESS NOTED OTHERWISE

STRUCTURE OR STRUCTURAL

STD WT

T/BEAM

VCT

VERT

VEN PL (1)

**DISCONTINUOUS** ROUGH WOOD BLOCKING IN CONTINUOUS ROUGH WOOD FRAMING/BLOCKING IN SECTION

FINISHED WOOD IN SECTION DETAIL

> RIGID BOARD INSULATION (ROOFING)

RIGID BOARD

INSULATION

BATT INSULATION

GYPSUM BOARD ACOUSTICAL CEILING PANEL

> BITUMINOUS CONCRETE (ASPHALT) PAVING IN SECTION AGGREGATE BALLAST, FILL OR

SECTION UNDISTURBED

EARTH BACKFILL

BACKFILL IN



**PROJECT BUILDING 'S' AND BUILDING 'B'** 

> PIPING MODIFICATIONS 1215 HOUBOLT ROAD **JOLIET, IL 60431**

**OWNER** JOLIET JUNIOR COLLEGE

> 1215 HOUBOLT ROAD **JOLIET, IL 60431**

ARCHITECT/ **ENGINEER** 

KLUBER ARCHITECTS + ENGINEERS **41 W BENTON STREET AURORA, ILLINOIS 60506** TEL (630) 406-1213 FAX (630) 406-9472 www.kluberinc.com

## BID DOCUMENTS

### **APPLICABLE CODES**

2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL FUEL AND GAS CODE 2018 INTERNATIONAL EXISTING BUILDING CODE 2018 INTERNATIONAL FIRE CODE 2020 NATIONAL ELECTRICAL CODE LOCAL AMENDMENTS TO THE ABOVE CODES

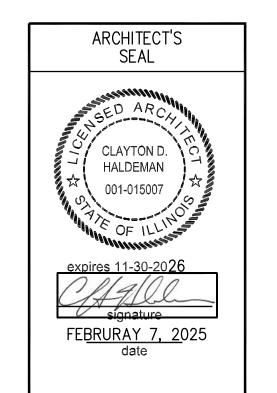
2014 ILLINOIS PLUMBING CODE 2018 ILLINOIS ENERGY CONSERVATION CODE (2018 INTERNATIONAL ENERGY CONSERVATION CODE W/STATE AMENDMENTS) 2018 ILLINOIS ACCESSIBILITY CODE

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

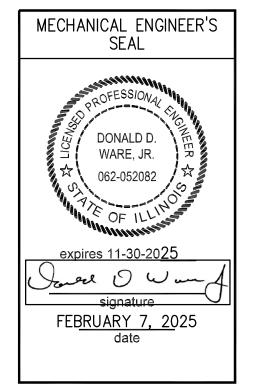
# **SEALS & CERTIFICATIONS**

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH IBC 2018 EDITION, THE ENVIRONMENTAL BARRIERS ACT AND THE ILLINOIS ACCESSIBILITY

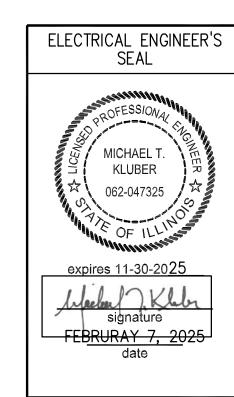
KLUBER, INC. ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001284



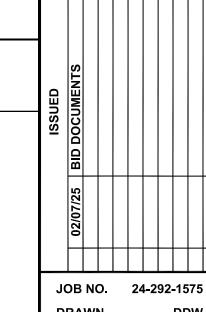
"G" SERIES, "ME320",



"G" SERIES, "M" SERIES



"G" SERIES, "ME320",



DRAWN CHECKED APPROVED SHEET TITLE

COVER SHEET, GENERAL NOTES, SYMBOLS AND **DRAWING INDEX** 

SHEET NUMBER

CLEAR

COMB

**COMP** 

CONC

COND

CONT

CONTR

CPT-(1

CTR

CTR SK

CTRS

DWGS

DWL'S

ELEC

ELEV

**EMBED** 

**EMER** 

EW

ELEC CONTR

CONC OPNO

CLEAN-OUT

COMBINATION

CONCRETE OPENING

CERAMIC TILE (TYPE)

CABINET UNIT HEATER

CABINET UNIT VENTILATOR

**CONCRETE** 

CONDITION

COUNTER

CENTER(S)

**DIMENSION** 

DOOR OPENING

**EXPANSION JOINT** 

ELECTRIC/ELECTRICAL

ELECTRICAL CONTRACTOR

ELEVATOR OR ELEVATION

ELECTRIC WATER COOLER

ELEVATION

EMBEDMENT

**EMERGENCY** 

EACH WAY

**EPOXY** 

EQUAL

DOWN

DOOR

DETAIL

DOWELS

EACH

DRAWINGS

**CONTINUOUS** 

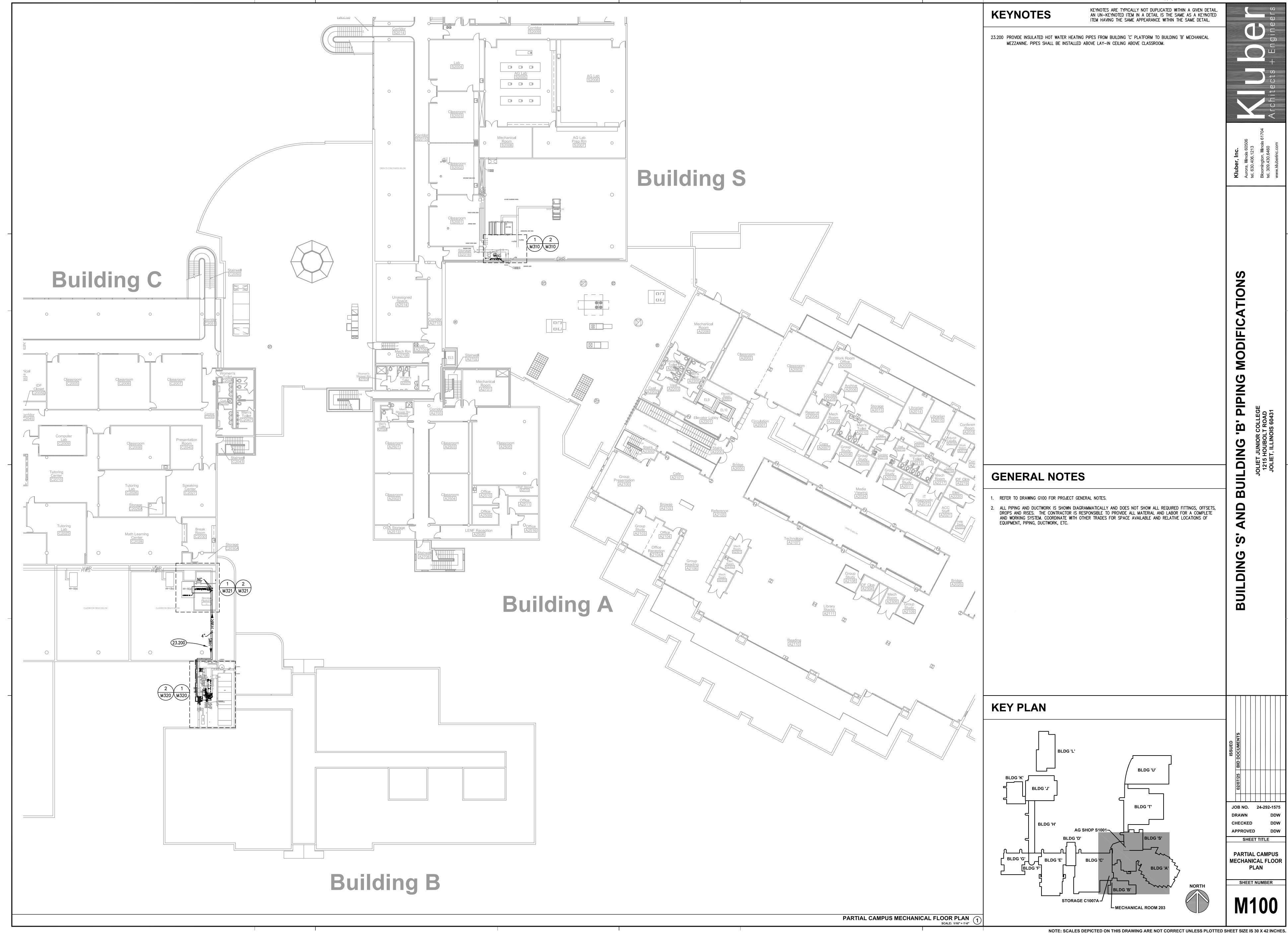
CONTRACT(OR)

CARPET (TYPE)

COUNTER SINK

CONCRETE MASONRY UNIT

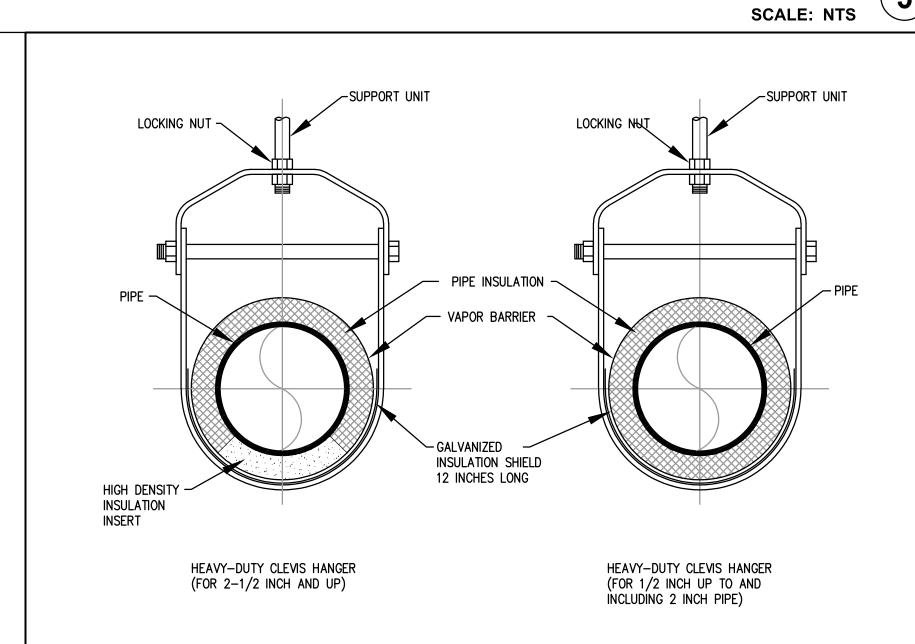
COMPRESSIBLE OR COMPACTED



P:\1575 - JJC - Building B Chilled Water Loop\30\_Design\Dwgs\DD-CD\30\_Mech\1575M0100.dwg, 2/7/2025 1:53:34

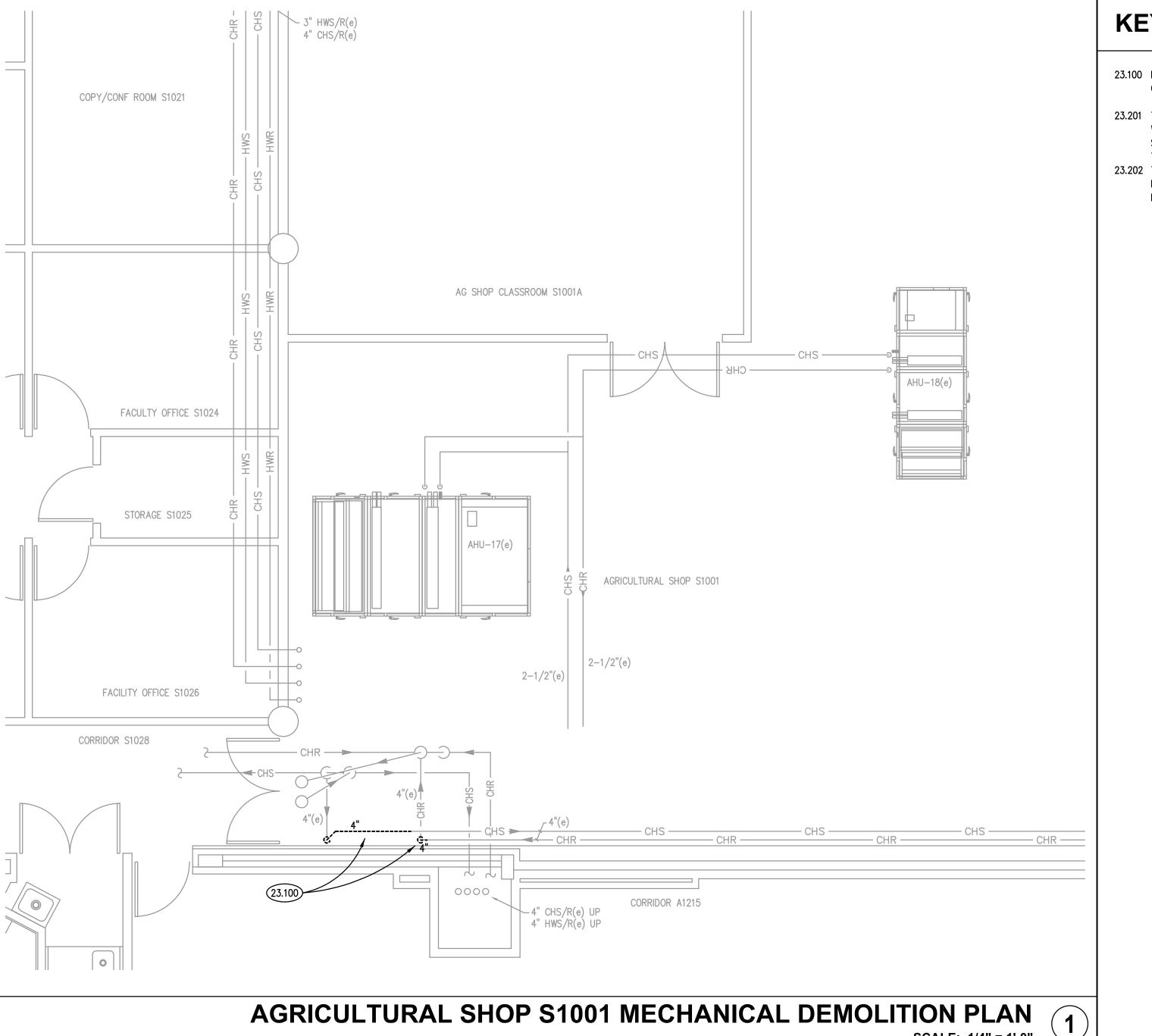
KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED

# AGRICULTURAL SHOP PIPING DIAGRAM (3)



PIPE HANGER DETAILS (4)

### **EXISTING SEQUENCE OF OPERATIONS**



AG SHOP CLASSROOM S1001A

AGRICULTURAL SHOP S1001

CORRIDOR A1215

4" CHS/R(e) UP 4" HWS/R(e) UP

- 3" HWS/R(e) 4" CHS/R(e)

COPY/CONF ROOM S1021

FACULTY OFFICE S1024

STORAGE S1025

FACILITY OFFICE S1026

CORRIDOR S1028

**KEYNOTES** 

ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

23.100 REMOVE SECTIONS OF CHILLED WATER SUPPLY/RETURN PIPES AS REQUIRED TO RECONFIGURE PIPING AS SHOWN

23.201 TEMPERATURE CONTROLS CONTRACTOR TO MODIFY EXISTING SUPPLEMENTAL COOLING SEQUENCES FOR CHILLED WATER SYSTEM IN BUILDING 'A' 2ND FLOOR MECHANICAL ROOM. ADD NEW ISOLATION CONTROL VALVE TO SEQUENCES AND GRAPHICS. CAMPUS CONTROLS CONTRACTOR IS JOHNSON CONTROLS, INC., JIM PERISIN -

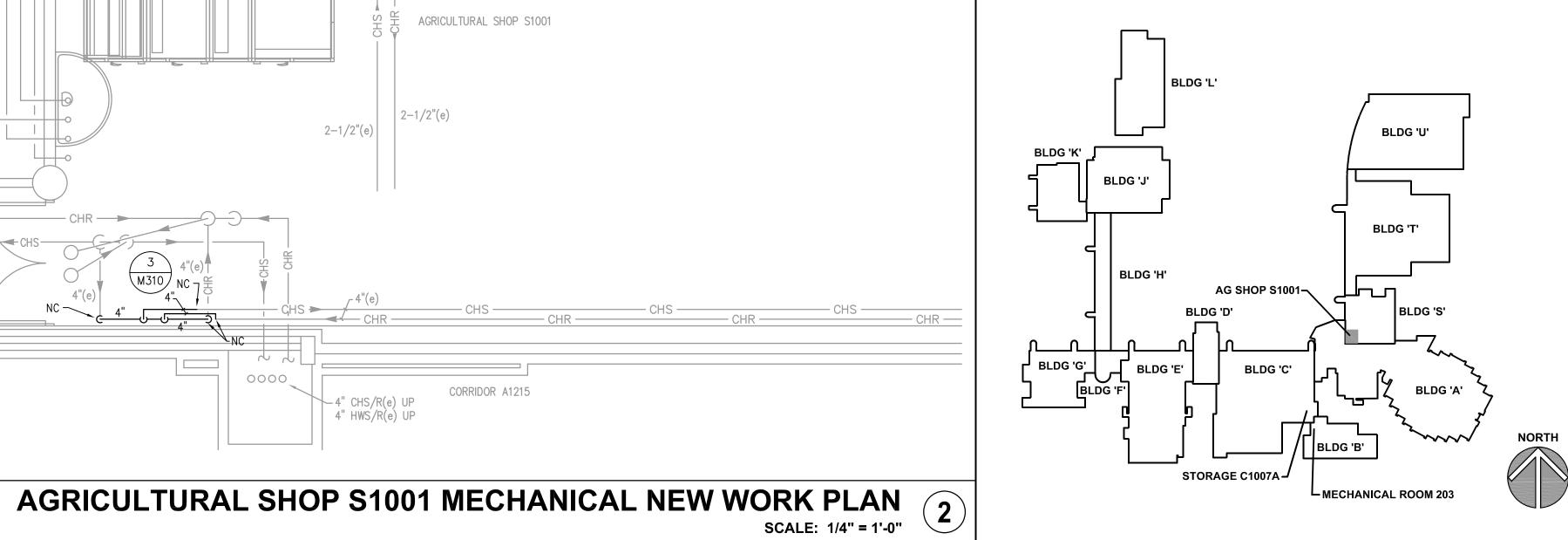
23.202 TEST AND BALANCE SYSTEM AT INITIAL SUPPLEMENTAL COOLING INITIATION AND IN MANUAL SYSTEM COMMAND MODE. SEE SEQUENCE OF OPERATIONS. COORDINATE WITH OWNER FOR BEST TIME TO COMPLETE TEST AND BALANCE ACTIVITIES. SYSTEM PUMPS ARE LOCATED IN BUILDING 'A' MECHANICAL ROOM A2206.

**GENERAL NOTES** 

REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

ALL PIPING AND DUCTWORK IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL REQUIRED FITTINGS, OFFSETS, DROPS AND RISES. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIAL AND LABOR FOR A COMPLETE AND WORKING SYSTEM. COORDINATE WITH OTHER TRADES FOR SPACE AVAILABLE AND RELATIVE LOCATIONS OF EQUIPMENT, PIPING, DUCTWORK, ETC.

**KEY PLAN** 



JOB NO. 24-292-1575 DRAWN CHECKED **APPROVED** SHEET TITLE

BUILDING 'S' -PARTIAL FLOOR **PLANS AND DETAILS** 

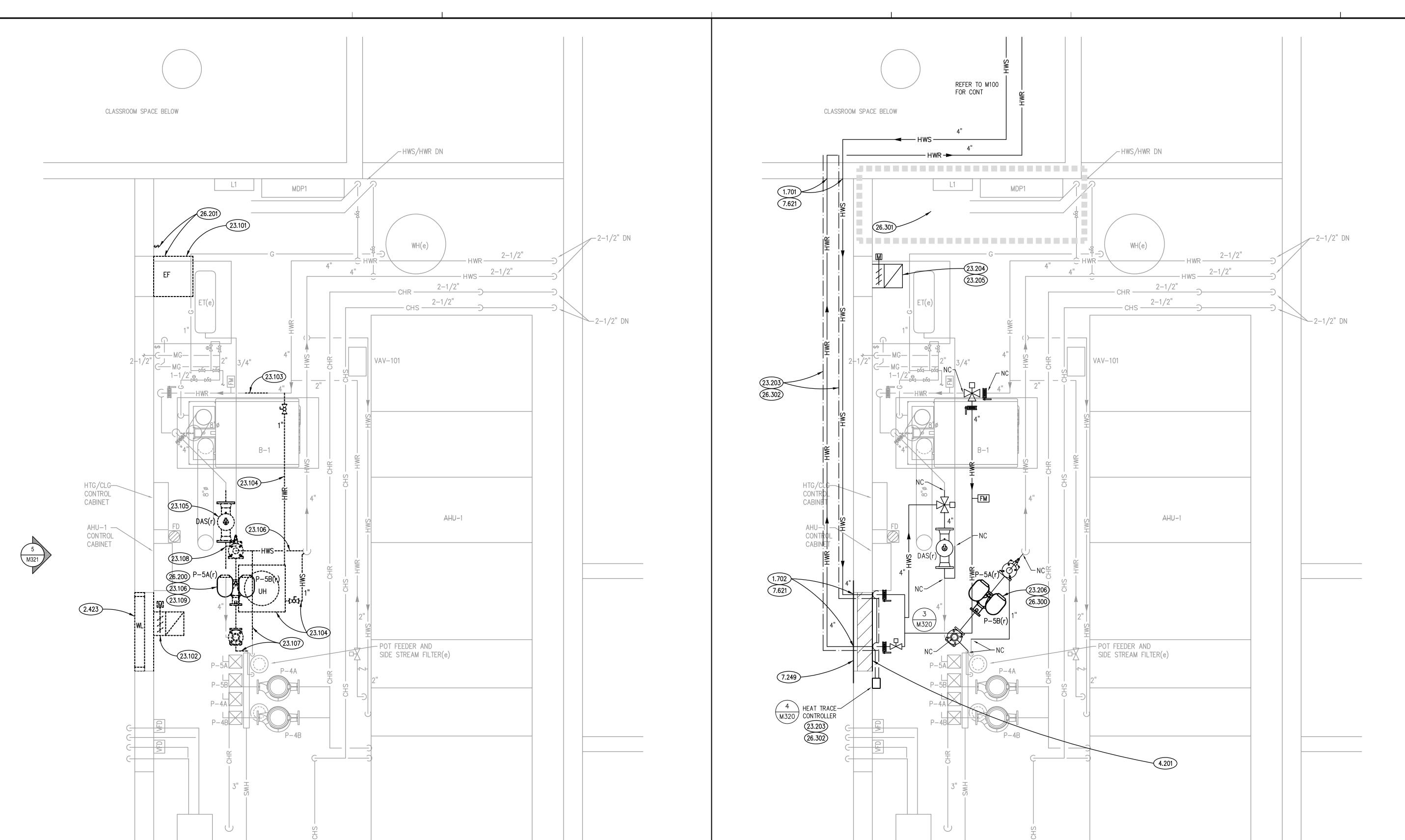
SHEET NUMBER

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

SUPPLEMENTAL CHILLED WATER SYSTEM SEQUENCE OF OPERATION SUPPLEMENTAL CHILLED WATER PUMP CWP-1 SHALL BE STARTED AND STOPPED THROUGH A HAND-OFF-AUTO SWITCH ON THE FACE OF THE MOTOR VFD. WHEN PLACED IN THE HAND POSITION, PUMP MOTOR SHALL RUN CONTINUOUSLY. WHEN PLACED IN THE AUTO POSITION, THE FMCS SHALL CONTROL PUMP OPERATION. WHEN PLACED IN THE OFF POSITION, PUMP MOTOR SHALL BE DE-ENERGIZED. SUPPLEMENTAL CHILLED WATER PUMP (SUPPLEMENTAL COOLING MODE) SHALL BE ENABLED TO RUN WHEN COMMANDED BY THE FMCS BASED ON THE LEAVING WATER TEMPERATURE FROM THE WATER TO WATER HEAT PUMP • WHEN THE CHILLED/HEATING WATER LOOP IS IN COOLING MODE AND THE CHW SUPPLY TEMPERATURE IS MORE THAN 2 DEGREES F ABOVE SETPOINT (ADJ) FOR MORE THAN 10 MINUTES (ADJ) OR, • ONCE ENABLED THE SYSTEM ISOLATION VALVES SHALL BE COMMANDED OPEN, INCLUDING ISOLATION VALVE(CV-1) LOCATED IN AGRICULTURE SHOP. • ONCE ENERGIZED, THE SUPPLEMENTAL CHILLED WATER PUMP (CWP-1) SHALL REMAIN IN OPERATION FOR A MINIMUM OF 10 MINUTES (ADJ) TO PREVENT SHORT CYCLING. THE PUMP SHALL RUN INITIALLY AT A MINIMUM SPEED OF 25%, • IF ENABLED MORE THAN 2 TIMES IN AN OCCUPIED PERIOD IT SHALL REMAIN ENABLED FOR THE REMAINDER OF THE OCCUPIED PERIOD. BEEN ENABLED, DECREASE THE CHILLED WATER TEMPERATURE BY INCREASING THE FLOW OF SUPPLEMENTAL CHILLED WATER TO THE SYSTEM (INCREASING SPEED OF CWP-1). • ALLOW SYSTEM TO REMAIN ENABLED WITH THE SUPPLEMENTAL CHILLED WATER PUMP (CWP-1) RUNNING AT MINIMUM SPEED FOR THE BALANCE OF THE OCCUPIED MODE OR UNTIL THE SYSTEM RECEIVES A CALL FOR HEATING. ONCE THE SYSTEM GOES INTO UNOCCUPIED MODE, OR THE FMCS CALL FOR HEATING, DISABLE THE SUPPLEMENTAL CHILLED WATER SYSTEM FOR THE REMAINDER OF THAT PERIOD. • ONCE DISABLED, STOP SUPPLEMENTAL CHILLED WATER PUMP AND CLOSE SYSTEM ISOLATION VALVES. INCLUDING ISOLATION VALVE (CV-1) LOCATED IN AGRICULTURE SHOP. ALARMS, INTERLOCKS & SAFETIES - FMCS SHALL INDICATE AN ALARM TO THE FMCS OPERATOR WORKSTATION IN THE EVENT THE FOLLOWING OCCURS: • DDC FMCS COMMANDS THE SUPPLEMENTAL CHILLED WATER PUMP TO OPERATE AND THE VFD FAILS TO START, AN ALARM SHALL BE INDICATED AT THE FMCS OPERATOR WORKSTATION. WHEN THE EXISTING T—BUILDING CHILLED WATER SYSTEM IS NOT ONLINE. • WHEN THE EXISTING T-BUILDING CHILLED WATER TEMPERATURE IS ABOVE 45 DEGREES F (ADJ). SUPPLEMENTAL CHILLED WATER SYSTEM REPORT GENERATION - FMCS SHALL MONITOR THE FOLLOWING POINTS, WHEN THE SYSTEM IS ENABLED, ON 5 MINUTE (ADJ) INTERVALS WITHIN A SINGLE TREND. THE TREND SHALL RUN FOR THE DURATION THAT THE SYSTEM IS ENABLED AT WHICH POINT IT SHALL BE STORED FOR VIEW. THE FOLLOWING VALUES SHALL BE INDICATED: TIME GLOBAL OUTSIDE AIR TEMP (\*F) CHILLED WATER SUPPLY TEMP (\*F CHILLED WATER RETURN TEMP (\*F) OPERATIONAL RUN TIME OF PUMPS CHILLED WATER PUMP STATUS CHILLED WATER PUMP SPEED CHILLED WATER FLOW (GPM) SUPPLEMENTAL CHILLED WATER TONNAGE (CALCULATED FROM CHILLED WATER FLOW RATE, CWS TEMPERATURE AND CWR TEMPERTURE) THIS INFORMATION SHALL BE ACCESSIBLE TO VIEW IN EITHER TABULAR OR GRAPHICAL FORM ON THE FMCS OPERATOR INTERFACE. MANUAL SYSTEM COMMAND MODE - IN THE EVENT OF A HEAT PUMP FAILURE, PLANNED MAINTENANCE, ETC., PROVIDE A MANUAL OPERATOR SELECTABLE "ENABLE" POINT WHICH WILL ALLOW THE SUPPLEMENTAL CHILLED WATER SYSTEM TO BE ENABLED UPON COMMAND. MANUAL "ENABLE" SHALL OPEN REQUIRED ISOLATION VALVES (INCLUDING ISOLATION VALVE (CV-1) LOCATED IN AGRICULTURE SHOP), START PUMP CWP-1 AND CONTROL PUMP SPEED TO MAINTAIN CHILLED/HOT WATER LOOP TEMPERATURE SETPOINT OF 42 DEGREES F (ADJ).

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL.

AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.



**KEYNOTES** 

1.701 CORE THROUGH EXISTING STUCCO-CLAD STEEL-FRAMED WALL; SIZE HOLES TO ACCOMMODATE PIPING AND

1.702 CORE THROUGH EIFS AND CONCRETE BLOCK; SIZE HOLES TO ACCOMMODATE PIPING AND INSULATION.

4.201 MASONRY WALL ASSEMBLY: INFILL EXISTING OPENING WITH 8" (NOM.) CONCRETE BLOCK, WITH INTEGRAL

WATER REPELLANT; PROVIDE SINGLE-WYTHE COURSING EVERY OTHER BED JOINT; TIE RIGIDLY TO PERIMETER OF EXISTING MASONRY OPENING;

2.423 REMOVE EXISTING WALL LOUVER.

7.249 EXTERIOR INSULATION AND FINISH SYSTEM ASSEMBLY: INFILL EXISTING OPENING; 2" EPS INSULATION; DRAINAGE PLANE BEHIND INSULATION; PROVIDE BASE FLASHING AT BOTTOM OF INFILL AREA; MATCH EXISTING EIFS FINISH TEXTURE, COLOR AND V-GROOVE PATTERN; BLEND HEAD AND JAMBS INTO EXISTING ADJACENT EIFS SURFACES; CLEAN SURROUNDING EIFS SURFACES TO BLEND INFILL SURFACE TO EXISTING; REFER

TO SPECIFICATIONS. 7.621 SHEET METAL FLASHING: PROVIDE 24 GA. GALVANIZED, FACTORY PREFINISHED STEEL FLASHING COLLAR AROUND PIPING INSULATION; SEAL WATER-TIGHT TO SURFACE OF INSULATION AND TO FACE OF STUCCO/EIFS WALL SURFACE; HEM FLANGED FACE EDGES OF FLASHING.

23.101 REMOVE EXHAUST FAN. PROVIDE TEMPORARY CAP OVER WALL LOUVER. 23.102 REMOVE, RETAIN AND PROTECT COMBUSTION AIR DUCT AND DAMPER FOR RELOCATION. REFER TO NEW WORK

PLAN. REMOVE CONTROLS AND REWIRE FOR NEW LOCATION. 23.103 REMOVE SECTION OF HWR PIPE FOR INSTALLATION OF NEW 3-WAY VALVE.

23.104 REMOVE UNIT HEATER AND ALL ASSOCIATED PIPING BACK TO ACTIVE HEATING PIPE MAINS. CAP TAKE-OFFS THAT REMAIN.

23.105 REMOVE, RETAIN AND PROTECT DIRT/AIR SEPARATOR FOR RELOCATION.

IS JOHNSON CONTROLS, INC., JIM PERISIN - 708-418-2268.

COMBUSTION AIR DUCT AND REINSTALL IN NEW LOCATION.

23.106 REMOVE SECTIONS OF HWS PIPING AS REQUIRED TO ROTATE PUMPS AND SPECIALTIES.

23.107 REMOVE SECTIONS OF POT FEEDER AND SIDE STREAM FILTER SUPPLY/RETURN PIPE AS REQUIRED TO RECONFIGURE SUPPLY PIPE FOR NEW PIPE CONFIGURATION.

23.108 REMOVE SECTIONS OF EXPANSION TANK PIPING CONNECTION TO HOT WATER SYSTEM AS REQUIRE TO RECONFIGURE FOR DAS(R) NEW LOCATION. 23.109 REMOVE CONTROL COMPONENTS AND WIRING AS REQUIRED FOR RELOCATING PUMPS. CAMPUS CONTROLS CONTRACTOR

23.203 PROVIDE EXTERIOR WELDED PIPE WITH INSULATION AND ALUMINUM JACKET. COORDINATE EXACT LOCATION WITH OWNER. INSTALL OWNER FURNISHED HEAT TRACE COMPONENTS ON EXTERIOR PIPES. REFER TO P320/DETAIL 4 FOR LIST OF OWNER FURNISHED MATERIAL. PROVIDE ADDITIONAL COMPONENTS AS RECOMMENDED BY

MANUFACTURER FOR A COMPLETE AN OPERATIONAL SYSTEM. 23.204 PROVIDE INSULATED METAL PANEL OVER BACKSIDE OF EXISTING LOUVER. PROVIDE OPENING TO MATCH

23.205 PROVIDE MATERIAL AND LABOR TO RECONNECT DAMPER OPERATOR TO EXISTING CONTROL PANEL AND SEQUENCE 23.206 PROVIDE MATERIAL AND LABOR TO RECONNECT HOT WATER PUMPS TO EXISTING CONTROL PANEL AND SEQUENCE

OF OPERATION. PROVIDE MATERIAL AND LABOR AS REQUIRED TO RE-INSTALL CONTROL COMPONENTS FOR

26.200 INTERCEPT AND EXTEND EXISTING CONNECTION FOR REUSE IN NEW LOCATION OF P-5A & P-5B. PROTECT EXPOSED CABLING FROM DAMAGE, AND PROVIDE NEW AS NECESSARY. COORDINATE LOCATION OF FINAL CONNECTION WITH MECHANICAL CONTRACTOR.

26.201 DEMOLISH EXISTING EXHAUST FAN & DISCONNECT SWITCH CONDUIT & CABLING BACK TO SOURCE.

26.300 NEW LOCATION OF P-5A & P-5B.

PUMP'S NEW LOCATION.

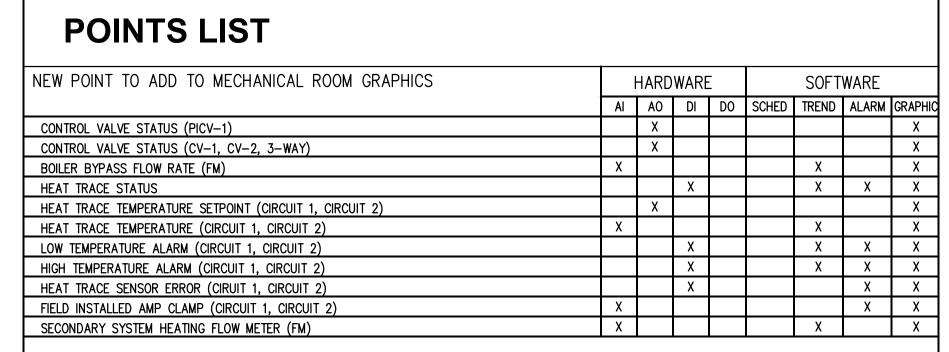
26.301 APPROXIMATE LOCATION FOR PANEL EM3V ON THE FLOOR BELOW. 26.302 HEAT TRACE TO BE INSTALLED FOR EXTERIOR PIPING ALONG THIS WALL.

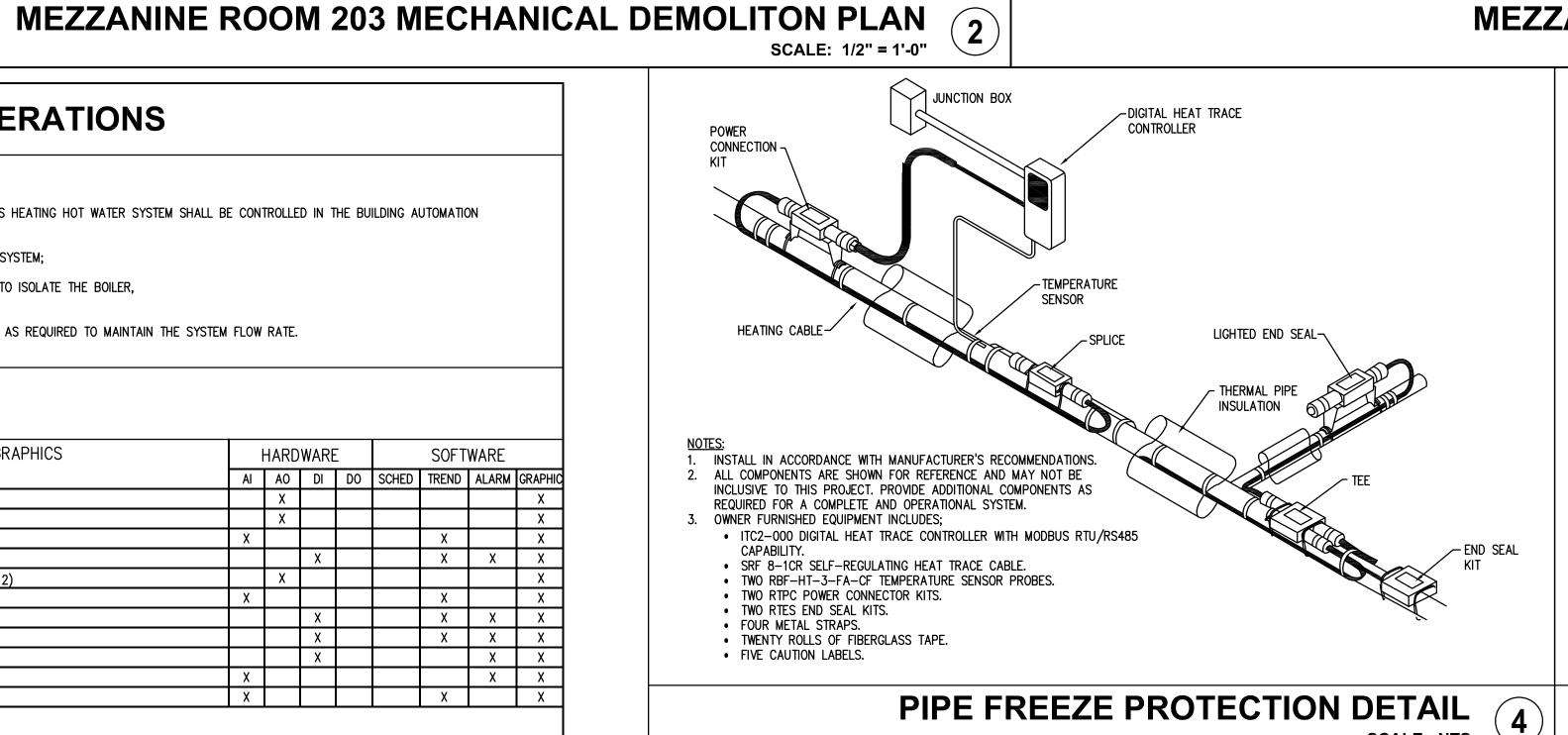
### **GENERAL NOTES**

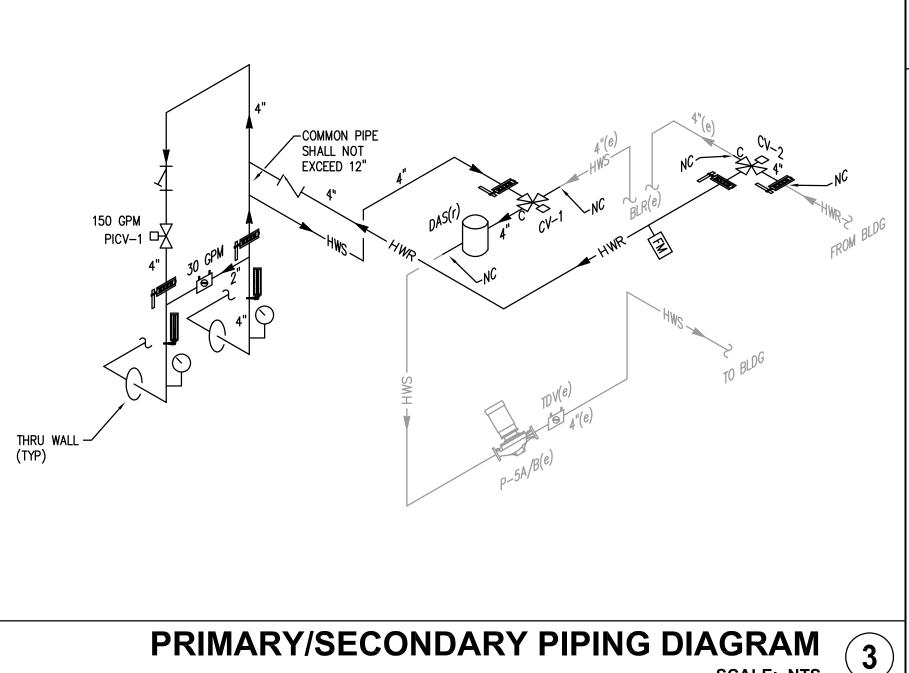
REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

DROPS AND RISES. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIAL AND LABOR FOR A COMPLETE AND WORKING SYSTEM. COORDINATE WITH OTHER TRADES FOR SPACE AVAILABLE AND RELATIVE LOCATIONS OF

**SEQUENCE OF OPERATIONS** THE SWITCH FROM BUILDING 'B' BOILER TO CAMPUS HEATING HOT WATER SYSTEM SHALL BE CONTROLLED IN THE BUILDING AUTOMATION WHEN THE SYSTEM IS SWITCHED TO THE CAMPUS SYSTEM; THE 3-WAY VALVES SHALL CHANGE POSITION TO ISOLATE THE BOILER, SYSTEM PUMPS P-5A AND P-5B SHALL OPERATE AS REQUIRED TO MAINTAIN THE SYSTEM FLOW RATE.

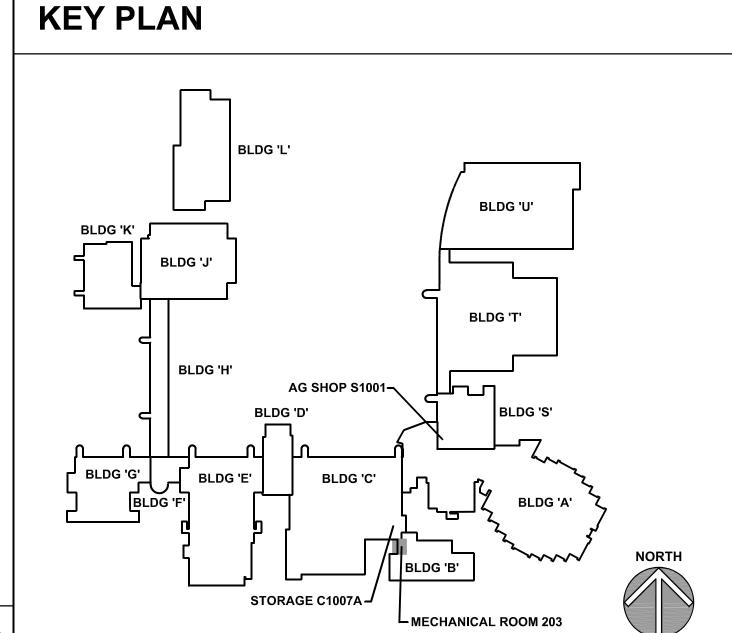






SCALE: 1/2" = 1'-0"

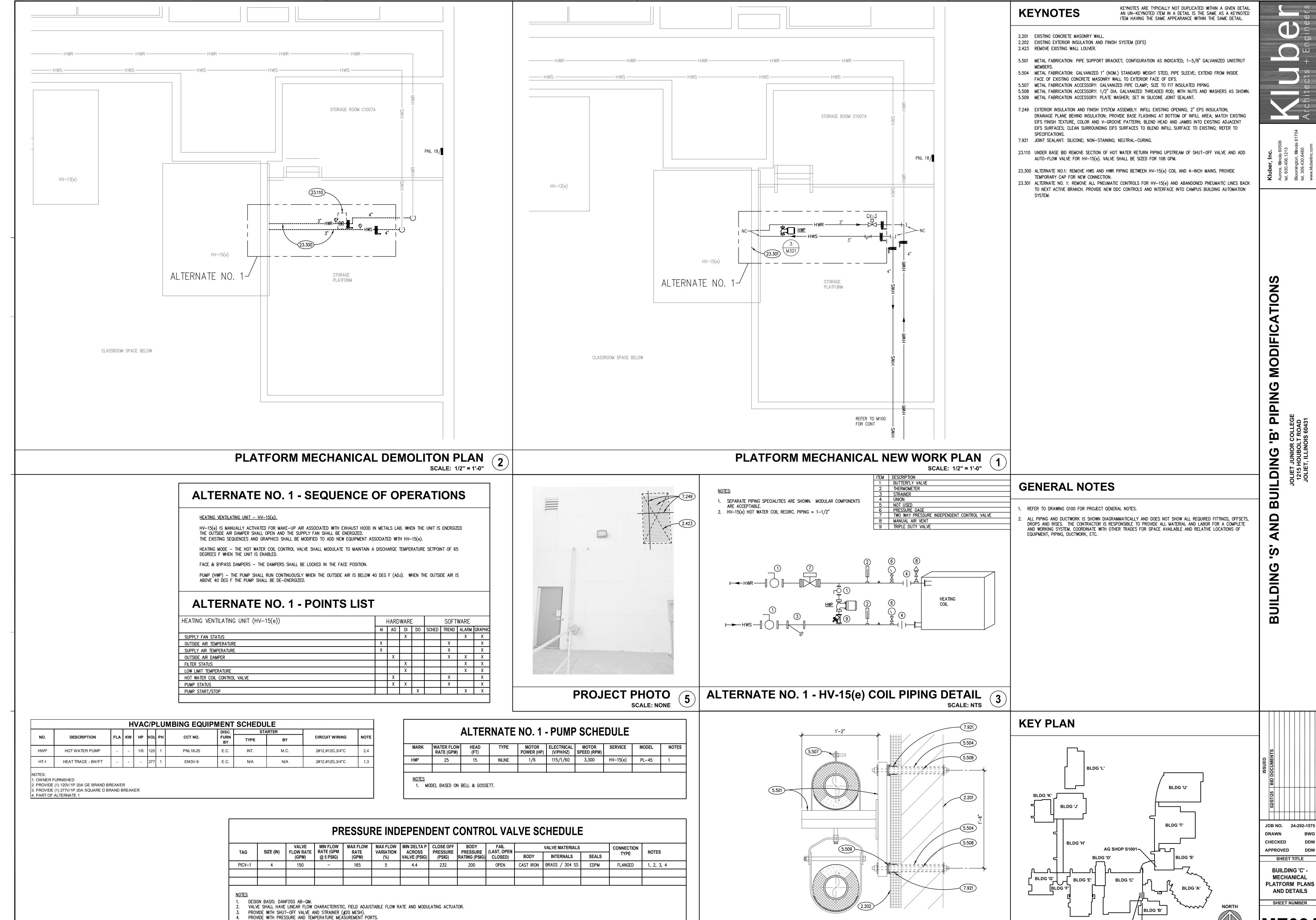
MEZZANINE ROOM 203 MECHANICAL NEW WORK PLAN



DRAWN CHECKED APPROVED SHEET TITLE BUILDING 'B' -MECHANICAL ROOM **PLANS AND DETAILS** 

SHEET NUMBER

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.



NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

BUILDING 'C' -**MECHANICAL** PLATFORM PLANS

SHEET NUMBER

STORAGE C1007A

PIPE SUPPORT DETAIL

SCALE: 3" = 1'-0"