DEMOLITION PLAN GENERAL NOTES :

A. VERIFY ALL EXISTING CONDITIONS BEFORE STARTING ANY DEMOLITION WORK. NOT ALL OF THE WORK ON THIS PLAN COULD BE FIELD VERIFIED DUE TO INACCESSIBLE CEILINGS AND LIMITED VISIBILITY. THIS CONTRACTOR SHALL MAKE AN ALLOWANCE IN HIS BID TO REMOVE/REROUTE AN ADDITIONAL AMOUNT OF EXISTING EQUIPMENT OR MATERIALS THAT MAY NOT BE COUNTED FOR ON THE PLANS OR INDICATED IN EXISTING DRAWINGS. REMOVE ANY AND ALL INACTIVE PIPING, DUCTWORK, CONTROLS, ETC IN THEIR ENTIRETY. CAP ALL EXISTING TO REMAIN DUCTWORK AND PIPING.

B. COORDINATE NOISY CONSTRUCTION WORK WITH THE BUILDING OWNER AS TO NOT DISTURB THE EXISTING TENANT, AFTER HOURS AND WEEKEND WORK MAY BE NECESSARY.

C. COORDINATE ALL BUILDING UTILITY SHUT DOWNS WITH THE BUILDING OWNER.

D. ALL SHUTDOWNS OF MECHANICAL, SPRINKLER, FIRE ALARM AND/OR ELECTRICAL SYSTEMS SHALL BE COORDINATED WITH OWNER AND MAY OCCUR DURING NON-BUSINESS HOURS.

E. NO PIPING, DUCTWORK OR EQUIPMENT SHALL BE ABANDONED IN PLACE UNLESS SPECIFICALLY NOTED OTHERWISE. REMOVE ALL ABANDONED PIPING, DUCTWORK, AND EQUIPMENT.

G. DEMOLITION TO REMOVE SYSTEMS AND COMPONENTS SHALL BE LIMITED TO PRESERVE EXISTING HISTORIC BUILDING COMPONENTS AND FINISHES. PLEASE REFER TO THE ARCHITECTURAL DEMOLITION DRAWINGS FOR MORE INFORMATION ON ACCEPTABLE DEMOLITION APPROACH.

DEMOLITION PLAN KEY NOTES : (#)

1. REMOVE "HOUSE" AHU BRANCH PIPING, CONTROL VALVES, ETC.
2. REMOVE UNIT HEATER. REMOVE ASSOCIATED BRANCH PIPING AND CONTROLS.
3. ALL PIPING SHOWN DASHED AND BOLD IS TO BE REMOVED, TYPICAL. COORDINATE DEMOLITION WITH THE PHASING OF SPACES IN THE TERRACE AND THROUGHOUT THE BUILDING.
4. REMOVE DUCT MOUNTED REHEAT COIL. REMOVE BRANCH HOT WATER PIPING AND CONTROLS.
5. REMOVE HUMIDIFIER BOILER. REMOVE FLUE, ASSOCIATED PIPING, CONTROLS, DRAIN AND HOUSEKEEPING CURB.
6. REMOVE DUCT MOUNTED STEAM HUMIDIFICATION COIL. REMOVE ASSOCIATED STEAM AND CONDENSATE PIPING.
7. REMOVE PIPING ROUTED UP THROUGH BUILDING. COORDINATE THE DEMOLITION OF PIPING UP THROUGH THE BUILDING WITH THE PHASING.
8. REMOVE BASE MOUNTED CHILLED WATER PUMP. REMOVE ASSOCIATED VSDS.
9. REMOVE BASE MOUNTED HEATING HOT WATER PUMPS. REMOVE ASSOCIATED VSDS.
10. REMOVE HEAT EXCHANGER. REMOVE ASSOCIATED PIPING, CONTROLS AND HOUSEKEEPING PAD.
11. EXISTING DISTRICT ENERGY 20" CHWS/R PIPING OUTSIDE THE BUILDING IS TO REMAIN. REMOVE CHWS/R PIPING WITHIN THE PUMP ROOM. 14" CHWS/R PIPING ROUTED THROUGH THE CAPITOL AND EXITING TO SERVE STATE OFFICE BUILDING AND TRANSPORTATION BUILDING ARE TO REMAIN.
12. EXISTING DISTRICT ENERGY 4" HWS/R PIPING OUTSIDE THE BUILDING IS TO REMAIN. REMOVE HWS/R PIPING WITHIN THE PUMP ROOM.
13. REMOVE AIR SEPARATOR, SUPPORTS AND ASSOCIATED PIPING.
14. REMOVE LOW PRESSURE STEAM PIPING. PIPING IS ROUTED UNDERFLOOR THROUGH THE EXISTING PIPE UTILITY TRENCHES.
15. REMOVE CHWS/R PIPING TO AHU S-27. S-27 WILL BE REMOVED AND RELOCATED. RECONNECT COOLING COIL TO NEW CHWS/R LOOP. TEMPORARY COOLING MAY BE NEEDED IN EAST ELECTRICAL VAULT DURING CONSTRUCTION.
16. REMOVE THERMOSTAT AND OTHER MISCELLANEOUS CONTROLS. REMOVE PNEUMATIC TUBING WHERE PRESENT.
17. REMOVE SECONDARY BASE MOUNTED CHILLED WATER PUMP. PUMP SERVES AHU ON ROOF AND MUST REMAIN ONLINE UNTIL AHU IS NO LONGER REQUIRED.
18. HVAC SYSTEMS WITHIN THE RATHSKELLER ARE EXISTING TO REMAIN. SYSTEMS SERVING THE RATHSKELLER ARE TO REMAIN ONLINE AND OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION DURING LEGISLATIVE SESSION. SYSTEMS MAY BE TEMPORARILY BACKFED WITH NEW OR EXISTING EQUIPMENT.
19. SENATE DUPLICATING AREA IS TO REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. SENATE DUPLICATING DUCTWORK, DIFFUSERS, PIPING AND CONTROLS ARE TO REMAIN ONLINE AND OPERATIONAL UNTIL WORK CAN BE COMPLETED IN THIS AREA DURING OFF HOURS. SENATE DUPLICATING IS CURRENTLY SERVED BY AHU-5A, AHU-1B AND AHU-15. (CONTRACTOR TO FIELD VERIFY SPACES SERVED.) DUCTWORK AND PIPING MAY BE TEMPORARILY BACKFED WITH A NEW OR EXISTING AHU DURING CONSTRUCTION.
20. SENATE MEDIA AREA IS TO REMAIN OCCUPIED THROUGHOUT CONSTRUCTION UNTIL THEIR FUTURE SPACE IS FIT UP AND READY TO BE OCCUPIED. DUCTWORK, DIFFUSERS, VAV BOXES, REHEAT COILS, PIPING AND CONTROLS ARE TO REMAIN ONLINE AND OPERATIONAL UNTIL THIS AREA IS VACANT. SENATE MEDIA IS CURRENTLY SERVED BY AHU-5A, AHU-1B AND AHU-15. (CONTRACTOR TO FIELD VERIFY SPACES SERVED.) DUCTWORK AND PIPING MAY BE TEMPORARILY BACKFED WITH A NEW OR EXISTING EQUIPMENT DURING CONSTRUCTION.

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KEY PLAN

Minnesota State Capitol Repairs, Restoration, & Preservation

75 Rev Dr. Martin Luther King Jr Blvd
Saint Paul, MN 55155
STATE PROJECT NUMBER - 02CB0015

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

NAME: JEFFREY W. HARRIS
DATE: JUNE 14, 2013
REGISTRATION NUMBER: 21522

HGA NO: 0476-061-00

TERRACE WEST PIPING DEMOLITION PLAN

WORK PACKAGE 1

M150B

1 TERRACE WEST PIPING DEMOLITION PLAN
1/8" = 1'-0"

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