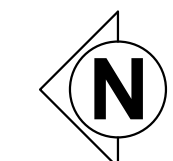


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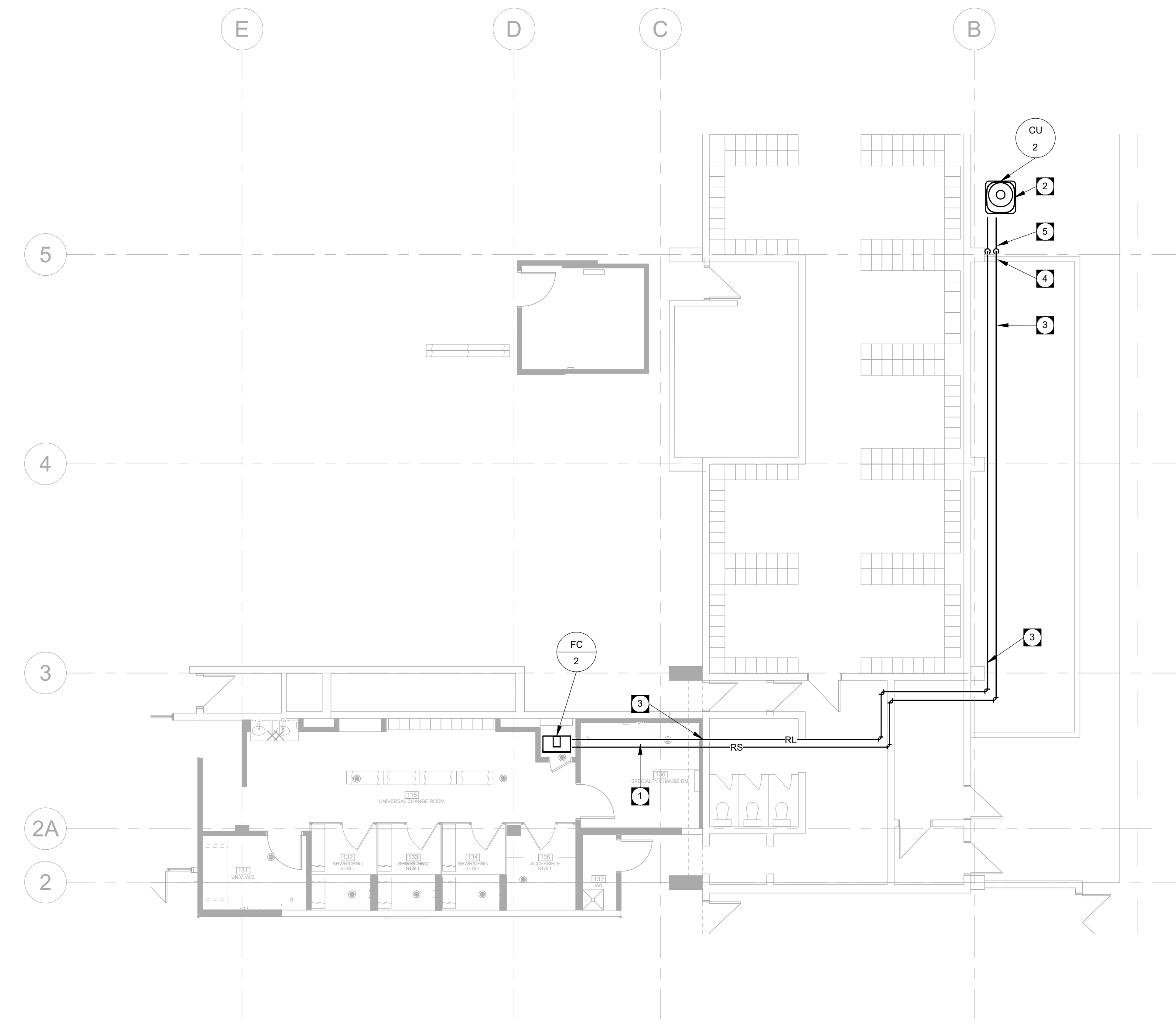


HYDRONIC GENERAL NOTES

- A. INSULATE ALL HYDRONIC PIPING IN ACCORDANCE WITH THE SPECIFICATIONS.
- B. REVIEW EXISTING CEILING CONDITIONS TO COORDINATE PIPE RUNS IN THE CELLING CAVITY TO AVOID CONFLICTS.
- C. SUPPORT PIPING IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND THE SPECIFICATIONS.
- D. FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS WHEN USED IN RETURN-AIR PLENUMS. INSULATION MATERIALS FOR DOMESTIC, HYDRONIC, AND REFRIGERANT PIPING TO MEET SMOKE AND FLAME SPREAD REQUIREMENTS FOR PLENUM INSULATION.
- F. PROVIDE A MINIMUM OF TWO 90-DEGREE CHANGES IN DIRECTION AT EACH BRANCH CONNECTION TO ALLOW FOR PIPE MOVEMENT.
- G. LAYOUTS ARE SCHEMATIC. ADDITIONAL OFFSETS AND ELBOWS SHALL BE INSTALLED AS REQUIRED TO ACCOMMODATE ALL EXISTING CONDITIONS.
- H. INSTALL VALVES WITH THE STEMS VERTICAL. WHEN THIS IS NOT POSSIBLE, THEY MAY BE INSTALLED ROTATED BUT NEVER LESS THAN HORIZONTAL UNDER ANY CIRCUMSTANCE.
- I. ARRANGE ISOLATION VALVES STAGGERED WHERE THEY ARE INSTALLED IN A COMMON LOCATION SO THEY ARE COMPLETELY AND CONVENIENTLY ACCESSIBLE.
- J. INSTALL VALVES WITH ADEQUATE ROOM TO PERMIT REMOVAL OF THE BONNET, DISK, AND TRIM WITHOUT REMOVING THE VALVE FROM THE LINE.
- K. THE INTERRUPTION OF ANY SERVICES SHALL BE COORDINATED WITH THE BUILDING OWNER AND SHALL BE KEPT TO A MINIMUM.

KEY NOTES

- 1. REFRIGERANT PIPING TO BE ROUTED WITHIN CEILING SPACE ABOVE NEW WASHROOM. REVIEW SITE CONDITIONS FOR AREAS SOUTH OF NEW WASHROOM. PIPING SHOWN TO BE ROUTED THROUGH EXISTING ELECTRICAL ROOM TO THE EXTERIOR.
- 2. LOCATED AT GRADE ADJACENT TO EXISTING CAGED CONDENSING UNIT AND BELOW EXISTING EXHAUST FANS. GENERAL CONTRACTOR TO PROVIDE NEW FENCING AROUND NEW UNIT, COMPLETE WITH HINGED LOCKABLE GATE. ENCLOSURE TO ACCOMMODATE BOTH THE EXISTING CONDENSING UNIT AND THE NEW UNIT.
- 3. REFRIGERANT PIPING TO BE ROUTED AT HIGH LEVEL AT PATH SHOWN. PRIOR TO INSTALLATION ESTABLISH AN ELEVATION TO MINIMIZE ANY NEED FOR DROPS OR RISES ALONG THE PATH AS THERE ARE MANY CONDUITS ALONG THIS ROUTE.
- 4. APPROXIMATE LOCATION OF WHERE THE PIPES LEAVE THE BUILDING. COORDINATE WITH GENERAL CONTRACTOR ON INSULATION AND SEALS FOR THE PIPE PENETRATIONS.
- 5. DROP PIPING ON EXTERIOR WALL AND SUPPORT FROM WALL. EXTEND TO CONDENSING UNIT A MINIMUM OF 450MM ABOVE GRADE. ALL PIPING ON THE EXTERIOR TO BE INSULATED AND JACKETED. REFER TO SPECIFICATIONS FOR JACKET REQUIREMENTS. PROVIDE INORGANIC SUPPORTS AT GRADE TO PROTECT PIPING.



1 MAIN FLOOR PARTIAL PLAN - HYDRONIC RENOVATION
MY2.1 SCALE: 1/8" = 1'-0"

0 22-04-26 Issued for Construction
No. DATE: REVISION / ISSUANCE



Architect



Engineer



Project: BID OPPORTUNITY 878-2021
PAN AM POOL UNIVERSAL
CHANGE ROOM
25 POSEIDON BAY

Sheet Title
**MAIN FLOOR - HYDRONIC
RENOVATION PLAN**

Project No. 21085
Date 22-04-26
Sheet **MY2.1**