

1 - PROPOSED PUMP ROOM PLAN (EL. 238.658)
 SCALE: 1:30

NOTES:

- DRAWING IS DIAGRAMMATIC, ALTERNATE CONFIGURATIONS SHOULD BE CONSIDERED TO REDUCE ELBOWS AND FITTINGS AND TO AVOID CONFLICTS WITH NEW AND EXISTING EQUIPMENT.
- LOCATE SPLIT AIR CONDITIONER SO AS TO MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES.
- INSTALL LIQUID AND SUCTION LINES ALONG NORTH WALL, COORDINATED WITH EXISTING PROCESS AND ELECTRICAL EQUIPMENT AND LINES TO BE INSULATED WITH 20mm THERMAL INSULATION. INSTALL ALUMINUM CLADDING OVER INSULATION FOR PIPING ON EXTERIOR.
- LOCATE THERMOSTAT SO THAT IT IS NOT IN THE DIRECT AIR FLOW PATH AS THE NEW COOLING UNIT OR THE EXISTING AIR DISTRIBUTION SYSTEM.
- ALL LIGHT ITEMS INDICATE EXISTING CONDITIONS. ALL BOLD INDICATES WORK TO BE COMPLETED.
- CONTRACTOR TO PROVIDE SUPPORT FOR PIPING AND FITTINGS AS PER PIPING AND SUPPORT MANUFACTURERS' RECOMMENDATIONS.
- PROVIDE AND INSTALL 15mm CONDENSATE DRAIN LINE FROM AC-1 CONDENSATE PUMP TO NEAREST FLOOR DRAIN. INSTALL CONDENSATE LINE ALONG WALLS TO REDUCE TRIPPING HAZARDS.



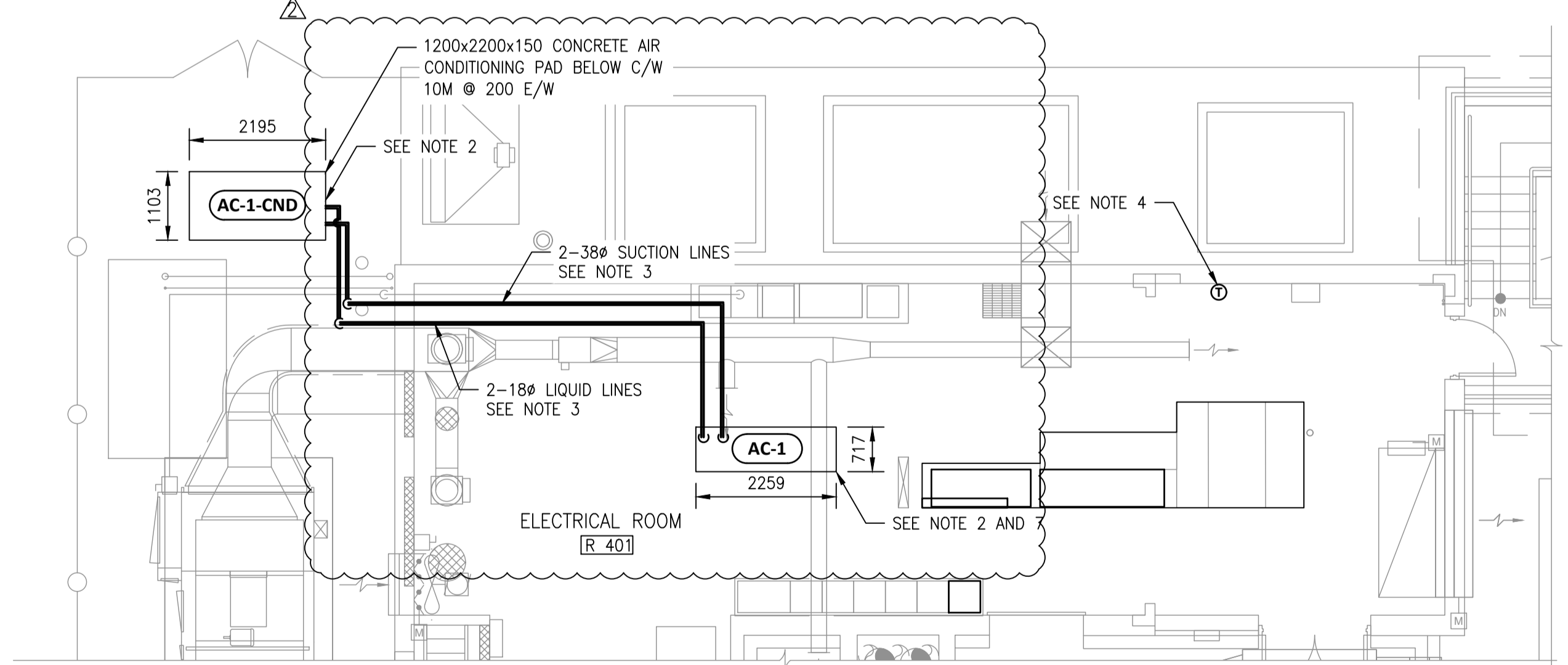
PRESSURE SWITCH CLUSTER. SET PRESSURE TANK TO 70 PSI MAXIMUM



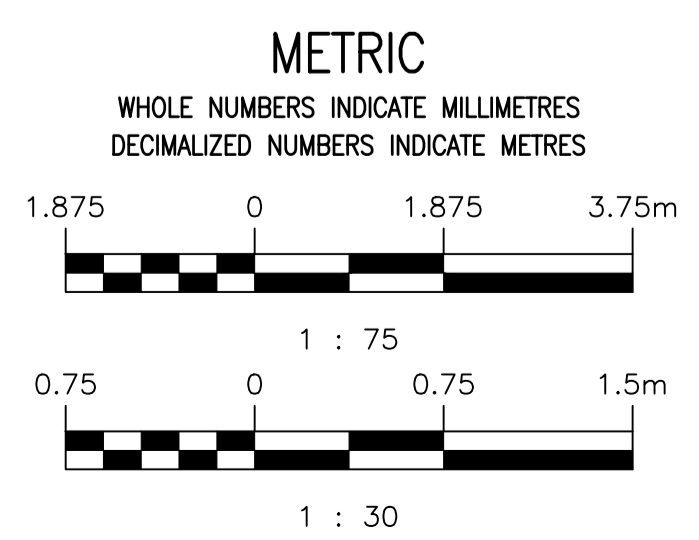
M830-FWP TO BE REPLACED - SEE MECHANICAL SCHEDULE (INSERT DRAWING NUMBER)

DEMOLISH EXISTING PRV

SEAL WATER SYSTEM IMPROVEMENTS



2 - PROPOSED ELECTRICAL ROOM PLAN
 SCALE: 1:75



ENGINEERS GEOSCIENTISTS MANITOBA
 Certificate of Authorization
 MPE, a division of Englobe Corp.
 No. 4968 Date: JUNE 20, 2024.

NO.	REVISIONS	DATE	DESIGN	CHECK
02	ISSUED FOR ADDENDUM 1	2024-07-09	B.R.B./A.W.K.	
01	ISSUED FOR CONSTRUCTION	2024-06-20	B.R.B./A.W.K.	

MPE
 a division of Englobe

DESIGNED BY: B.R.B. CHECKED BY: A.W.K., P.P.G.
 DRAWN BY: J.A.B. APPROVED BY: A.W.K.
 SCALE: AS SHOWN RELEASED FOR CONSTRUCTION BY: [Signature]
 DATE: 2024/06/20

ENGINEER'S SEAL
B.R. BAKER
 Member 46231
 REGISTERED PROFESSIONAL ENGINEER
 JULY 9, 2024

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

PERIMETER ROAD PUMPING STATION
 2024 UPGRADES
 PROCESS MECHANICAL
 PUMP AND ELECTRICAL ROOM
 PROPOSED PLANS

CITY DRAWING NUMBER: 1-0103-MGAD-M002 SHEET: 001 REV: 02 SIZE: A

NO.	DRAWING NUMBER	REFERENCE DRAWINGS
1	1-0103-MGAD-M003-001	PUMP ROOM SECTIONS