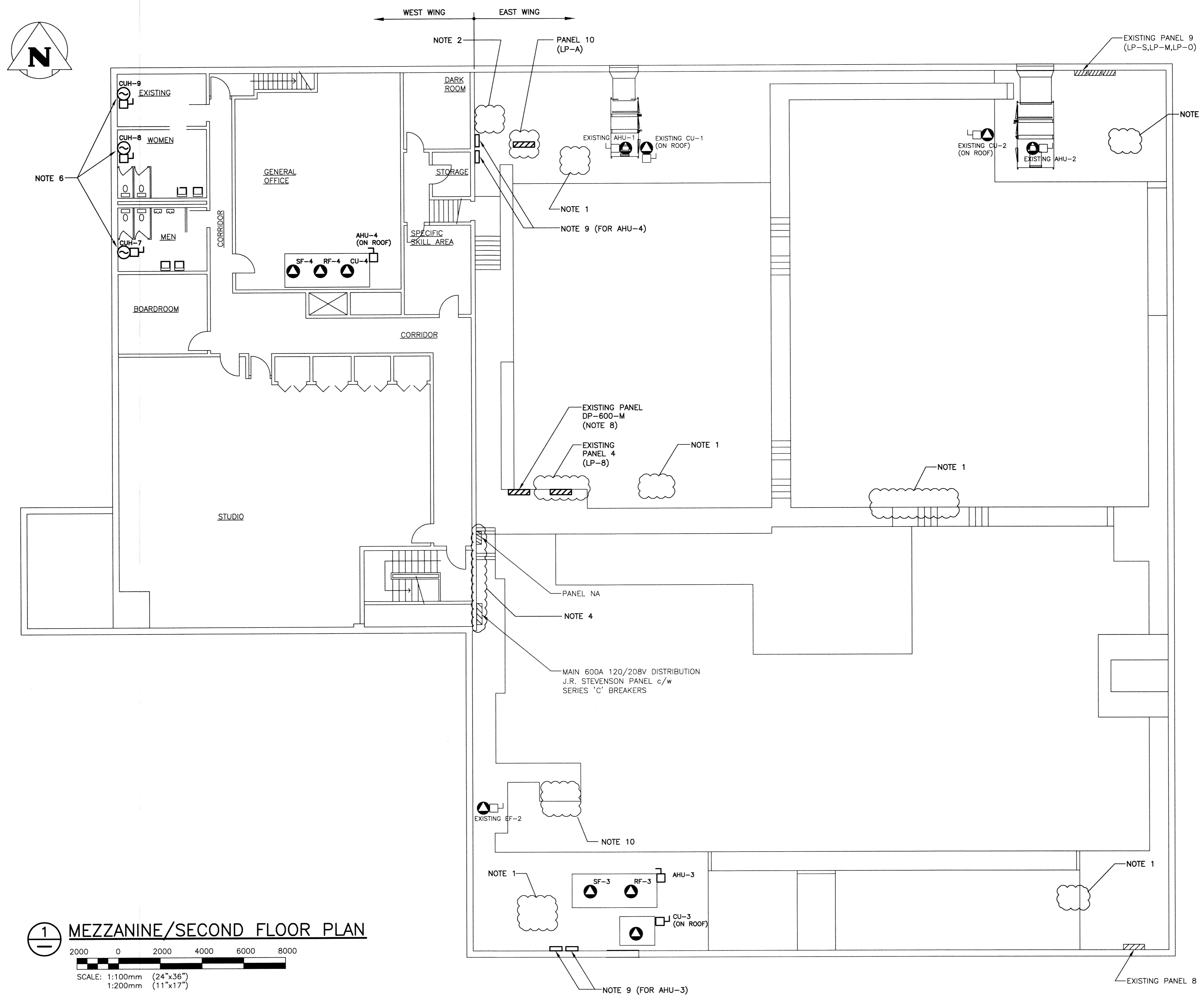


File Name: P:\Projects\2011\11-0107-02\Doc.Control\ToBeIssued\DWG\11-0107-02_P2-E02-Rev.0.dwg - Tab: P2-E02 Plotted By: DBaroche 12/04/04 [Wed 2:46pm]



1 MEZZANINE/SECOND FLOOR PLAN
 2000 0 2000 4000 6000 8000
 SCALE: 1:100mm (24"x36")
 1:200mm (11"x17")

- NOTES:**
- REMOVE AND DISPOSE OF ALL ELECTRICAL EQUIPMENT ABANDONED BY DEMOLITION OF MECHANICAL EQUIPMENT (SEE MECHANICAL DEMOLITION DRAWINGS). THIS INCLUDES ALL CONDUIT, WIRING, SWITCHES, CONTACTORS, ETC. NO LONGER IN USE. CONTRACTOR SHALL TURN OVER JOHNSON CONTROLS CABINET AT COMPRESSOR TO THE CITY.
 - DELETE EXISTING ELECTRICAL FOR EXISTING PUMPS P-1 AND P-2, NO LONGER IN SERVICE. RELOCATE POWER TO GP-1 AS REQUIRED.
 - NOTE REMOVED AT PHASE 2.
 - REPLACE EXISTING PANEL DP2/EP3 WITH A NEW 225A 66 CCT. PANEL. REFEED ALL EXISTING CIRCUITS FROM NEW BREAKERS.
 - REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF ALL NEW AND EXISTING MECHANICAL EQUIPMENT.
 - ALL POWER CONNECTIONS TO BE EXTENDED TO THE NEAREST POWER PANEL AS REQUIRED. CONTRACTOR TO CONFIRM LOADING ON THE EXISTING PANEL PRIOR TO CONNECTION. ALL PANEL SCHEDULES SHALL BE UPDATED ACCORDINGLY.
 - PROVIDE ALL REQUIRED FIRESEALING FOR ALL NEW ELECTRICAL WALL PENETRATIONS AND ANY OPENING FROM REMOVED ELECTRICAL EQUIPMENT TO MAINTAIN EXISTING FIRE SEPARATION RATINGS.
 - EXISTING 200A, 600V, 42 CIRCUIT CENTRAL DISTRIBUTION PANEL. FED FROM MAIN 600V DISTRIBUTION. THIS PANEL TO PROVIDE POWER TO ALL 600V LOADS.
 - NEW VFD's, DISCONNECT SWITCHES, LOAD REACTOR AND LINE FILTERS TO BE MOUNTED WITHIN THE BUILDING ON THE MEZZANINE LEVEL. CONTRACTOR TO COORDINATE EXACT MOUNTING LOCATION ON SITE WITH ENGINEER PRIOR TO INSTALLATION. CONTRACTOR TO EXTEND ALL POWER WIRING BETWEEN THE VFD, DISCONNECT SWITCHES, LOAD REACTOR, LINE FILTERS AND THE ROOFTOP AHU. CONTRACTOR TO REFER TO AHU SHOP DRAWING FOR CONNECTION DETAILS.
 - REPLACE EXISTING PANEL LPC WITH A NEW 200A 42 CCT PANEL. REFEED ALL EXISTING CIRCUITS FROM NEW BREAKERS.

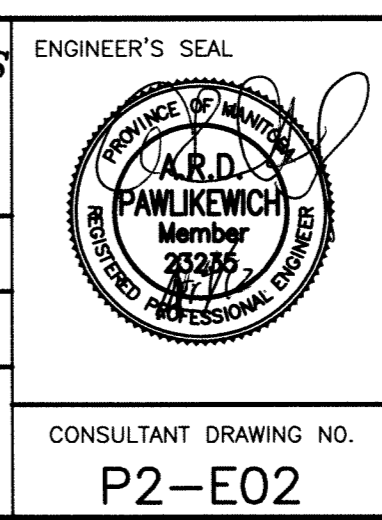
- LEGEND:**
- 3ø MOTOR LOAD
 - 1ø LOAD
 - LOAD RATED DISCONNECT BY ELECTRICAL (WEATHERPROOF WHERE OUTDOORS ON ROOF)



B.M. ELEV.	
DESIGNED BY	AP
CHECKED BY	[Signature]
DRAWN BY	GCN
APPROVED BY	[Signature]
HOR. SCALE:	AS SHOWN
VERTICAL:	
ISSUED FOR TENDER	12/03/27
NO. REVISIONS	DATE BY
DATE	FEB 2011
DATE	

KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS
 WINNIPEG (204) 896-1209
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DESIGNED BY: AP
 CHECKED BY: [Signature]
 DRAWN BY: GCN
 APPROVED BY: [Signature]
 HOR. SCALE: AS SHOWN
 VERTICAL: .
 ISSUED FOR TENDER: 12/03/27
 NO. REVISIONS: [] DATE: BY: []
 DATE: FEB 2011
 DATE: []



THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT

PROJECT TITLE: FORT ROUGE LEISURE CENTRE HVAC UPGRADE - PHASE 2

SECOND/MEZZANINE FLOOR PLAN POWER ARRANGEMENT

SHEET 001 OF 001
 COMPUTER FILE NAME: 11-0107-02-P2-E02
 CITY DRAWING NUMBER: []

CONSULTANT DRAWING NO. P2-E02