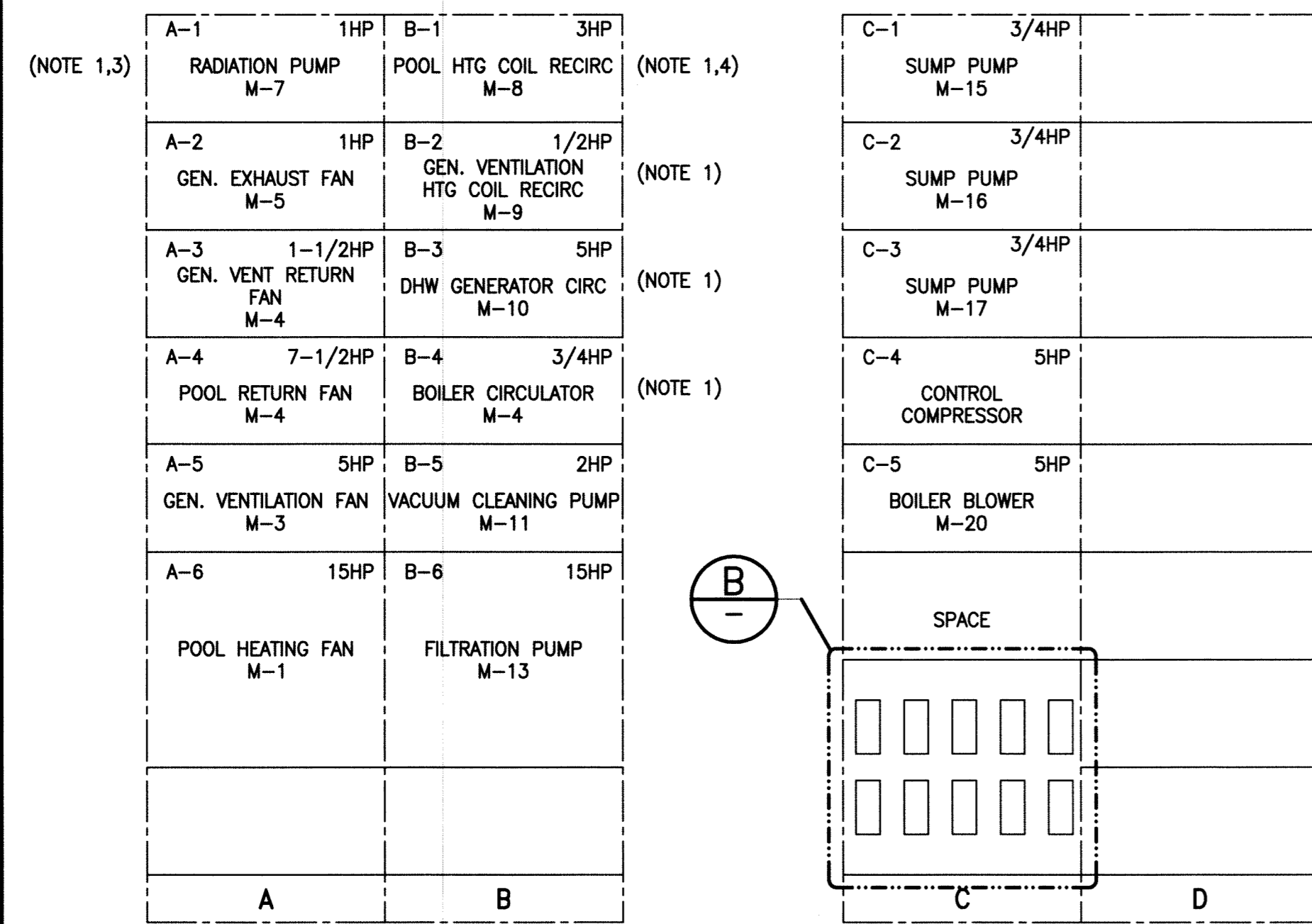
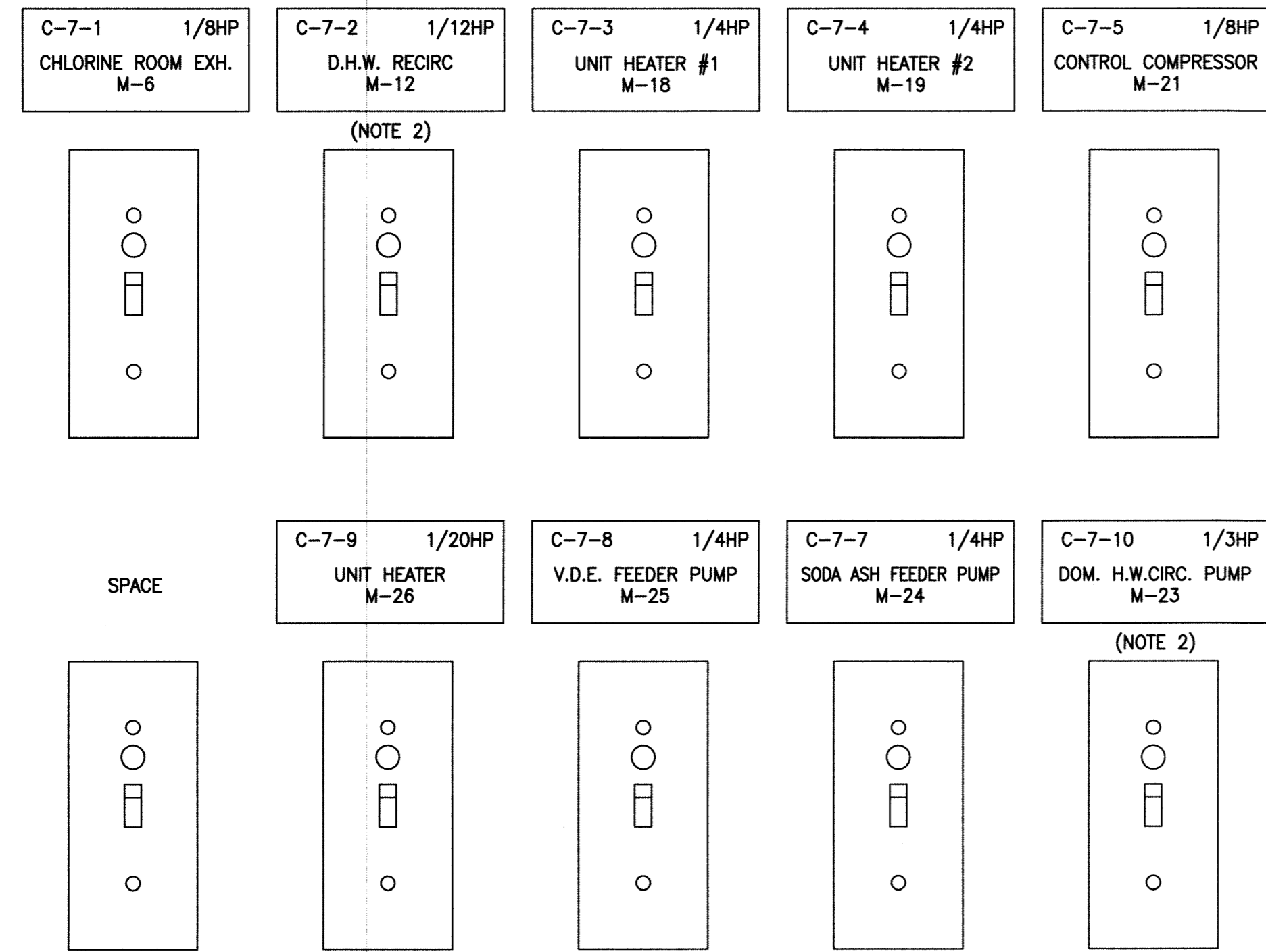


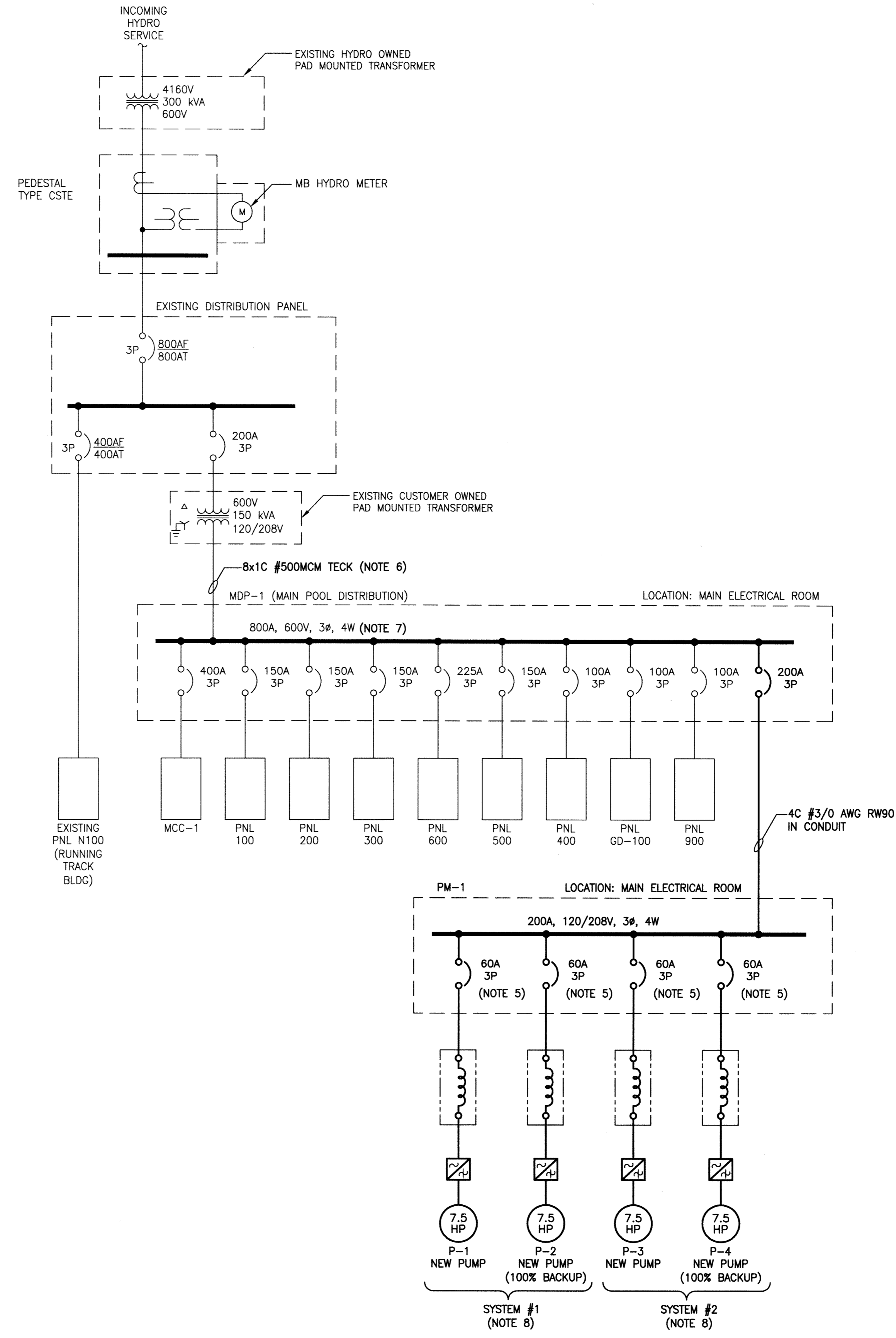
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**A** MCC-1 ELEVATIONS  
SCALE: N.T.S.



**B** C-7 LAYOUT  
SCALE: N.T.S.



**1** SINGLE LINE DIAGRAM  
SCALE: N.T.S.

- NOTES:**
- EXISTING MECHANICAL EQUIPMENT IS BEING REMOVED. CONTRACTOR TO REMOVE ALL WIRE, CONDUIT AND DISCONNECT SWITCHES BETWEEN THE MOTOR AND THE STARTER. ALL EXISTING LABELLING SHALL BE REMOVED AND REPLACED WITH A NEW LABEL MARKED 'SPARE', UNLESS OTHERWISE NOTED.
  - EXISTING MECHANICAL EQUIPMENT IS BEING RELOCATED. CONTRACTOR IS TO EXTEND ALL WIRING AND CONDUIT REQUIRED TO SUIT THE NEW MOTOR LOCATION.
  - EXISTING STARTER TO BE RE-USED TO FEED NEW PUMP PU-6. PROVIDE NEW LABEL WORDING FOR LABELING TO BE SUBMITTED TO THE CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL.
  - EXISTING STARTER TO BE RE-USED TO FEED NEW PUMP PU-5. PROVIDE NEW LABEL WORDING FOR LABELING TO BE SUBMITTED TO THE CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL.
  - CONTRACTOR TO PROVIDE LOCKING HARDWARE FOR EACH BREAKER FEEDING THE VFD'S.
  - CONTRACTOR TO PROVIDE MEGGER TESTING FOR ALL EXISTING EIGHT (8) CONDUCTORS AND PROVIDE ALL TESTING RESULTS TO THE CONTRACT ADMINISTRATOR FOR REVIEW.
  - CONTRACTOR TO INSTALL A DATA LOGGER ON PANEL MDP-1 FOR A FULL WEEK PRIOR TO ANY LOAD BEING ADDED. ALL DATA TO BE PROVIDED TO THE CONTRACT ADMINISTRATOR FOR REVIEW.
  - REFER TO DETAIL A ON DWG E04 FOR A TYPICAL VFD SYSTEM WIRING SCHEMATIC.
  - PANEL SCHEDULE TO BE UPDATED TO SHOW ALL NEW MODIFICATIONS.

- LEGEND:**
- LINE REACTOR
  - VARIABLE FREQUENCY DRIVE
  - TRANSFORMER
  - BREAKER
  - SAFETY DISCONNECT SWITCH



B.M. ELEV.		<b>KGS GROUP</b>		ENGINEER'S SEAL	
		<b>CONSULTING ENGINEERS &amp; PROJECT MANAGERS</b>			
		WINNIPEG (204) 896-1209 THUNDER BAY (807) 345-2233			
DESIGNED BY	CLS	CHECKED BY		CONSULTANT DRAWING NO. <b>E03</b>	
DRAWN BY	GCN	APPROVED BY			
HOR. SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION:			
VERTICAL:					
ISSUED FOR TENDER	12/02/24	DATE	BY	DATE	
NO. REVISIONS		DATE	BY	DATE	

**THE CITY OF WINNIPEG**  
PLANNING, PROPERTY & DEVELOPMENT

PROJECT TITLE: **ST. JAMES CENTENNIAL POOL**  
644 PARKDALE STREET  
BID OPPORTUNITY: 45-2012  
UPGRADE HYDRONIC HEATING SYSTEM

SHEET **003** OF **004**

COMPUTER FILE NAME: **11-0107-32-E03**

CITY DRAWING NUMBER