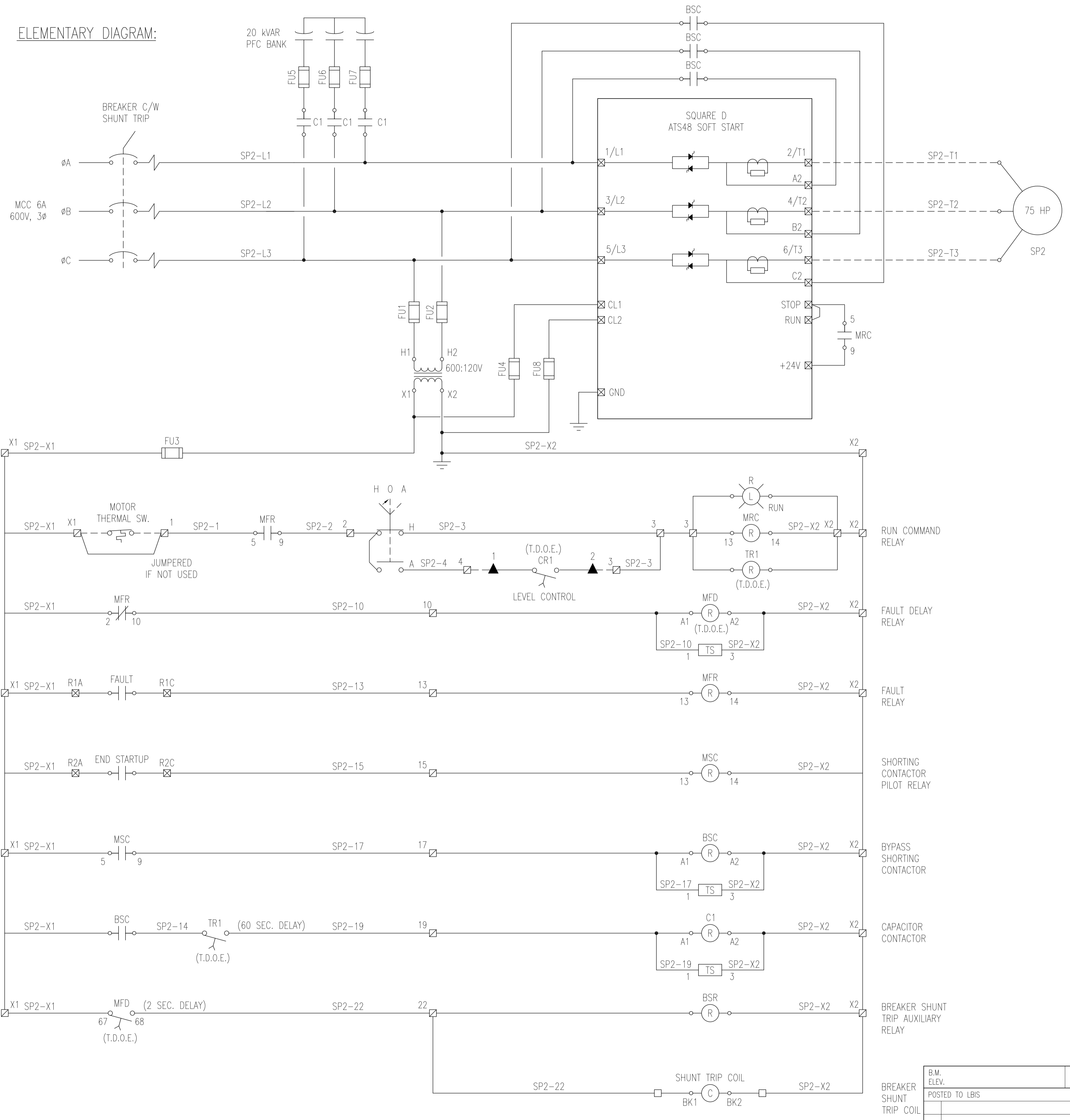


A1 SIZE - 594mm x 841mm

**ELEMENTARY DIAGRAM:**

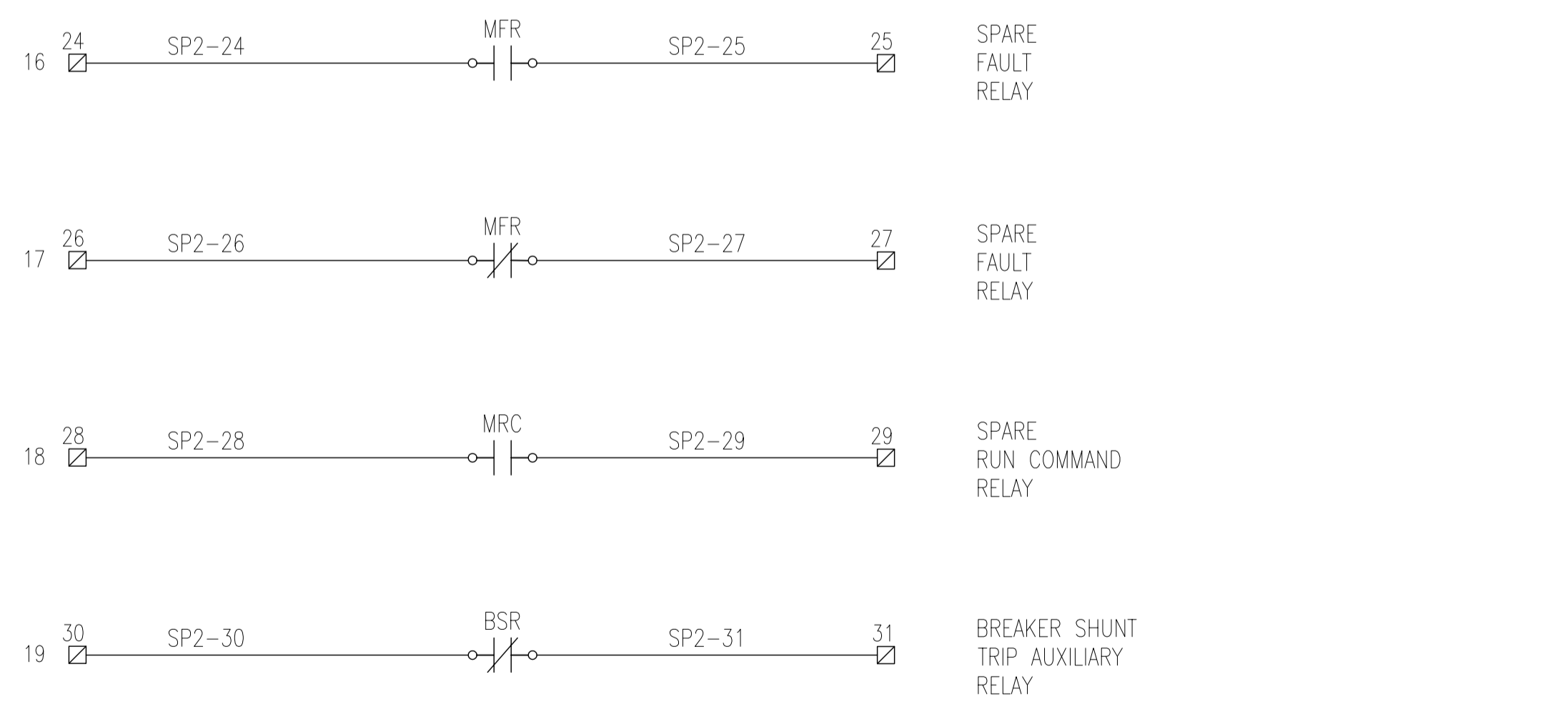


**LEGEND:**

- ▲ 1 MCC CONTROL ENCLOSURE
- 1 SOFT START ENCLOSURE TERMINAL BLOCK
- ⊠ 3 SOFT START DEVICE TERMINAL
- OTHER TERMINAL BLOCK
- ⊞ CONTACTOR
- ⊞ MOTOR THERMAL SWITCH
- ⊞ INDICATING LIGHT, R = RED
- ⊞ RELAY COIL
- ⊞ TS TRANSIENT VOLTAGE SUPPRESSOR

**NOTES:**

1. THIS DRAWING REFLECTS COMPONENTS WHICH ARE TYPICAL TO A SQUARE D ALTISTART 48 SOFT STARTER C/W POWER FACTOR CORRECTION AND HAND-OFF-AUTO CONTROL. IT IS THE RESPONSIBILITY OF ANY OTHER VENDOR TO ENSURE THAT THEIR PRODUCT WILL FUNCTION IN AN IDENTICAL MANNER. ACCEPTABLE EQUALS BY CUTLER-HAMMER, ALLEN BRADLEY, AND BENSCHAW.
2. CABLE TAGS AND TERMINAL BLOCKS TAGS SHALL BE PROVIDED BY THE EQUIPMENT SUPPLIER (SQUARE D OR OTHER VENDOR). CABLING FOR CONNECTIONS BETWEEN MCC SECTIONS (CABLE TO CAPACITOR BANK, CABLE TO AUTO START CONTROL) SHALL BE SUPPLIED BY THE EQUIPMENT VENDOR. THE CABLE CONNECTION AT THE TERMINAL BLOCK AND AT THE END DEVICE SHALL BE MADE ON SITE BY THE ELECTRICAL CONTRACTOR. THE CABLE FROM THE SOFT START TO THE SANITATION PUMP SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
3. HOA SWITCH TYPE TO BE MAINTAINED IN AUTO POSITION AND SPRING RETURN TO OFF IN HAND POSITION.



LAST SAVE: 2007/12/11 - 3:52pm  
PATH: M:\113046\ENGY47ELE\DD - General DWG\06801.dwg

**APCGM**  
Certificate of Authorization  
SNC-Lavalin Engineers & Constructors Inc. (MB)  
No. 2365 Expiry: April 30, 2008

B.M. ELEV. POSTED TO LBIS		FIELD BOOK #:					
DESIGNED BY	D.E.BECKER	CHECKED BY	C. ASMUNDSON	DATE	2007/04/12	RELEASED FOR CONSTRUCTION	DATE
DRAWN BY	D.E.BECKER	APPROVED BY		HOR. SCALE	NTS	RELEASED FOR CONSTRUCTION	
NO. REVISIONS		DATE	BY	FILENAME:	06801.dwg		

**ENGINEER'S SEAL**

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

2007 PUMPING STATION UPGRADES  
INSTALLATION OF NEW PUMPING UNITS  
AND MODIFICATIONS TO THE  
BALTIMORE WASTEWATER PUMPING STATION  
ELEMENTARY DIAGRAM SANITATION PUMP: SP2

**BID OPPORTUNITY**  
905-2007

CITY DRAWING NUMBER	06801	SHEET	8	REV.	00	SIZE	D
8 OF 16							

DRAWING NUMBER	REFERENCE DRAWINGS
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