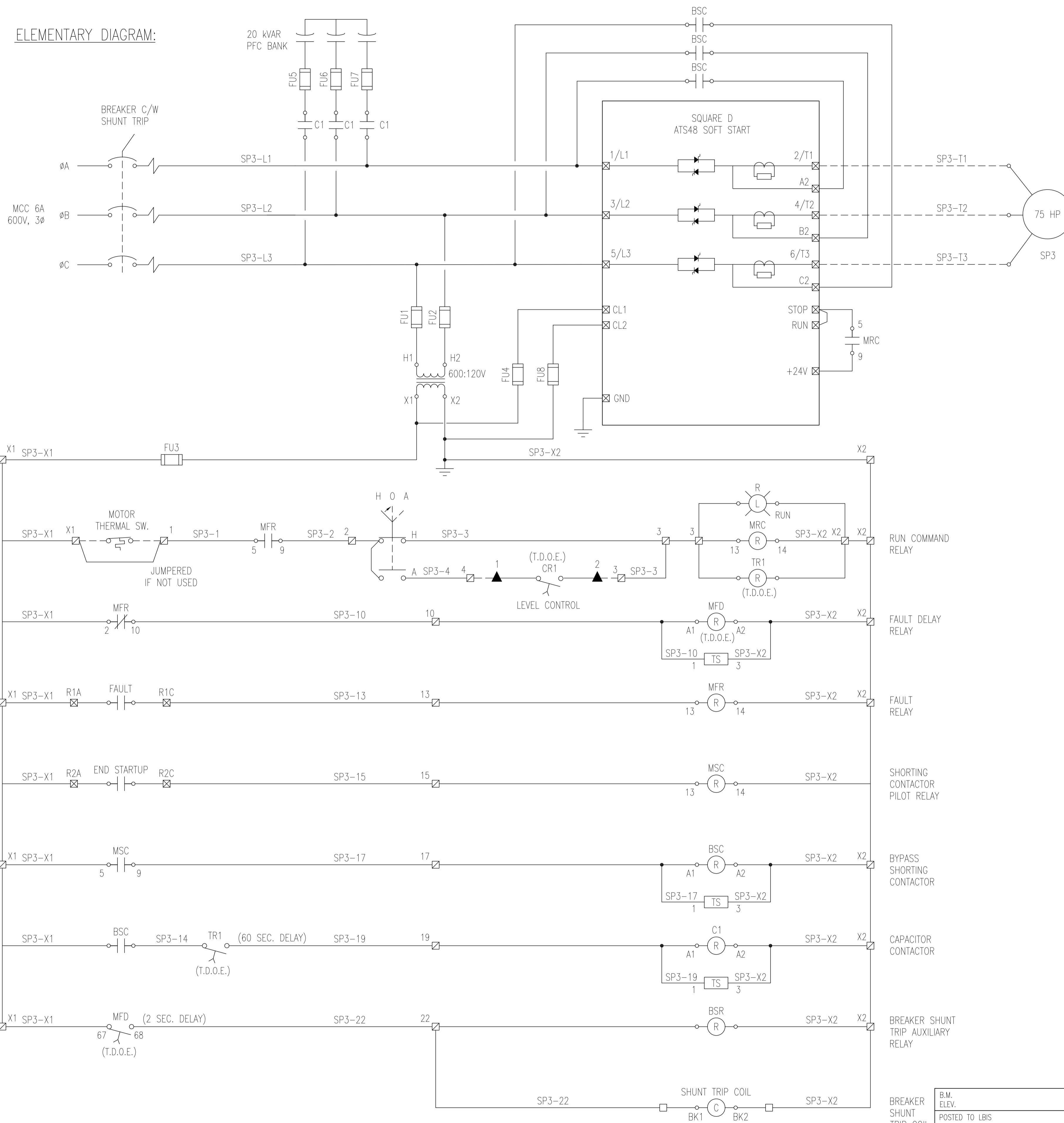


ELEMENTARY DIAGRAM:

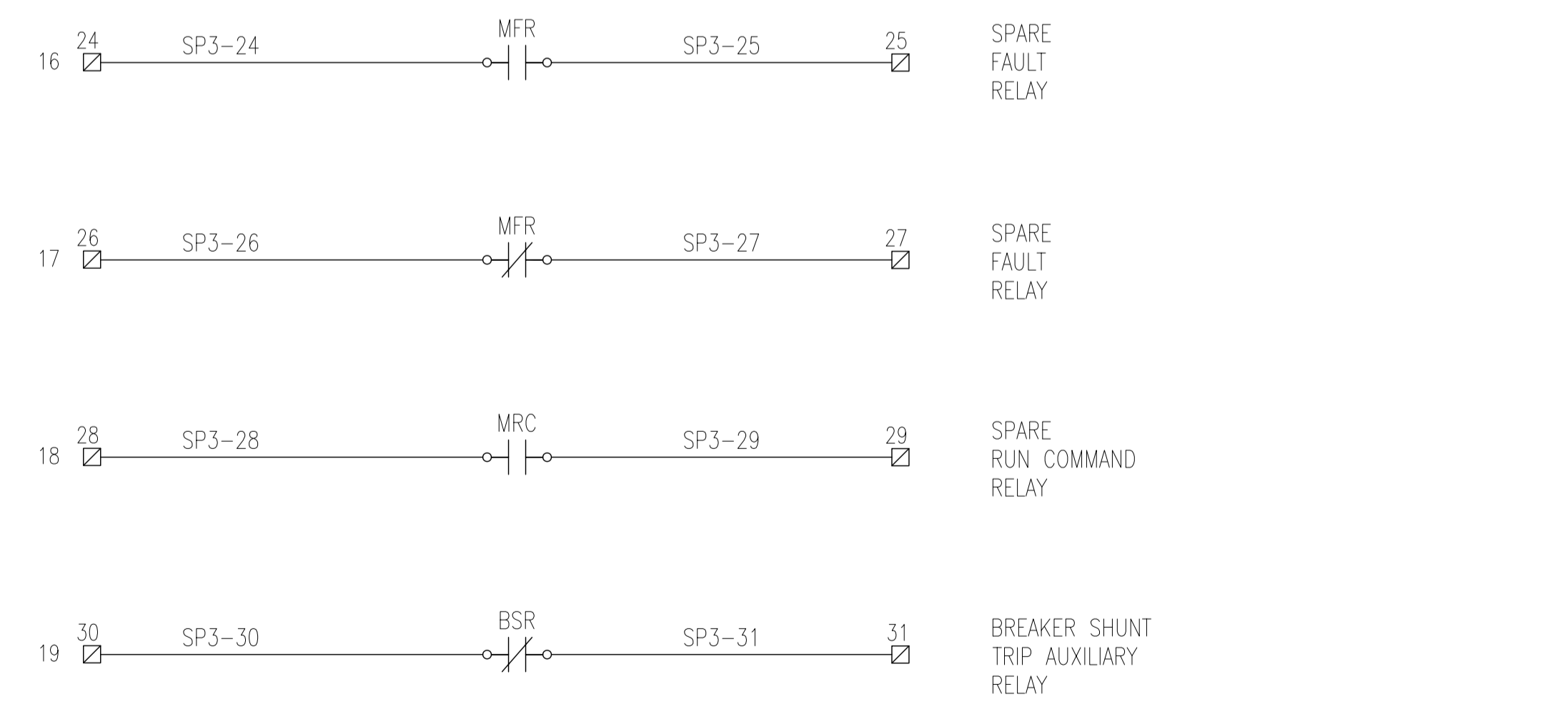


LEGEND:

- ▲ MCC CONTROL ENCLOSURE
- ▣ SOFT START ENCLOSURE TERMINAL BLOCK
- ▣ SOFT START DEVICE TERMINAL
- OTHER TERMINAL BLOCK
- ⎓ CONTACTOR
- ⎓ MOTOR THERMAL SWITCH
- ⊙ INDICATING LIGHT, R = RED
- ⊙ RELAY COIL
- ⊙ TRANSIENT VOLTAGE SUPPRESSOR

NOTES:

- 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.
- 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.
- SANITATION PUMP SP3 WILL BE INSTALLED BY THE CITY OF WINNIPEG (COW) AT A FUTURE DATE. THE E.C. SHALL PROVIDE ALL DEVICES AND CABLING TO THE DEVICE LOCATION SHOWN ON THE PLAN. THE E.C. SHALL PAD-LOCK "OFF" THE MAIN BREAKER IN MCC '6A'. THE E.C. SHALL ALLOW SUFFICIENT CABLING STUBBED THROUGH THE FLOOR FOR FINAL MOTOR CONNECTIONS BY THE COW.
- HOA SWITCH TYPE TO BE MAINTAINED IN AUTO POSITION AND SPRING RETURN TO OFF IN HAND POSITION.



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

B.M. ELEV.	FIELD BOOK #:	SNC • LAVALIN Engineers & Constructors		SNC • LAVALIN 148 Notre-Park Way Winnipeg, Manitoba Canada R3P 0P7	
POSTED TO LBIS		DESIGNED BY D.E.BECKER	CHECKED BY C. ASMUNDSON	ENGINEER'S SEAL	
		DRAWN BY D.E.BECKER	APPROVED BY		
		HOR. SCALE VERTICAL	RELEASED FOR CONSTRUCTION		
00 ISSUED FOR TENDER	2007/12/11	DATE	2007/04/12	DATE	
NO. REVISIONS	DATE	BY	FILENAME: 06802.dwg		

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: SP3

BID OPPORTUNITY
 905-2007

CITY DRAWING NUMBER
 06802 9 OF 16

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