

**LEGEND**

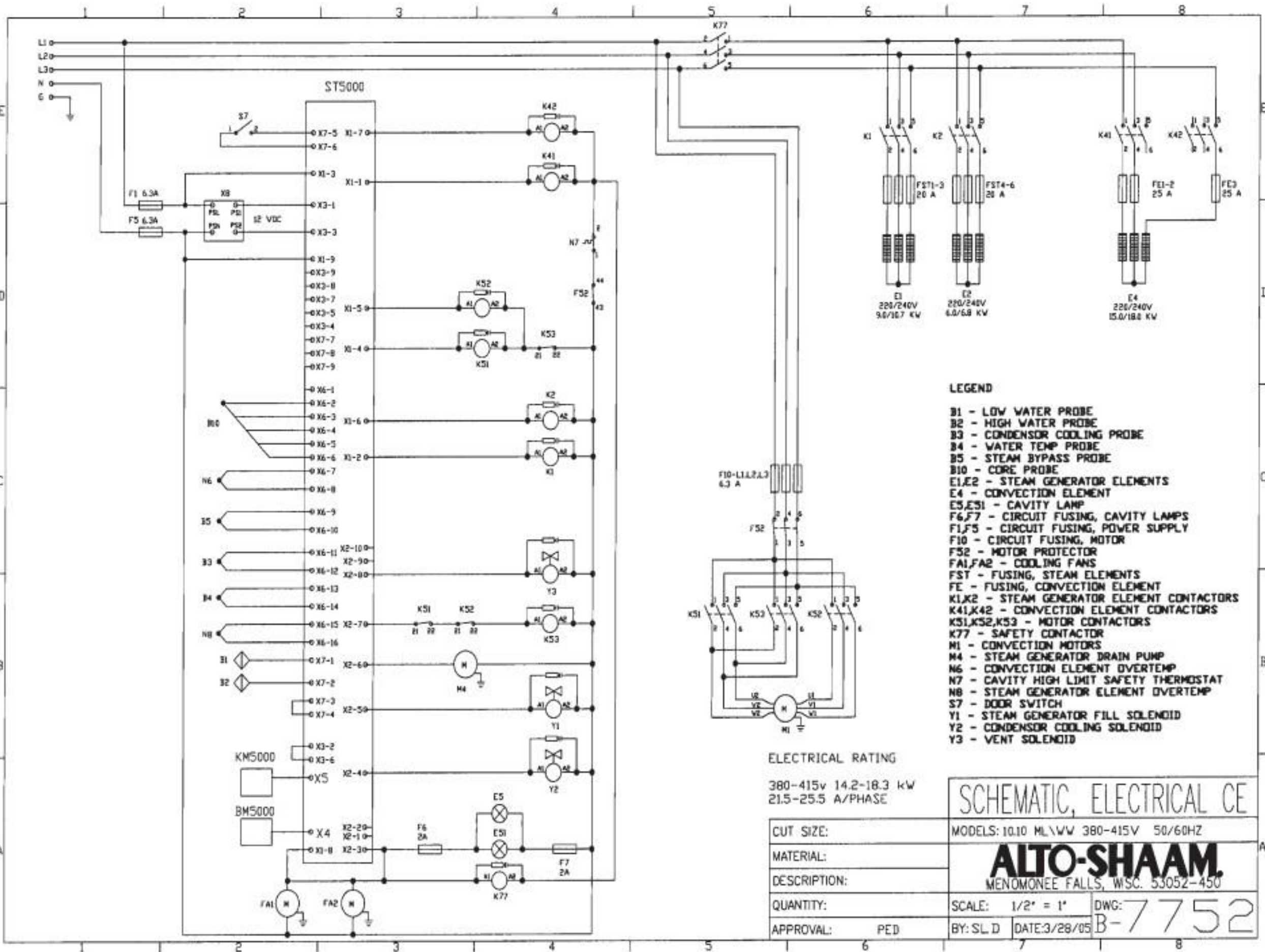
- B1 - LOW WATER PROBE
- B2 - HIGH WATER PROBE
- B3 - CONDENSOR COOLING PROBE
- B4 - WATER TEMP PROBE
- B5 - STEAM BYPASS PROBE
- B10 - CORE PROBE
- E1 - STEAM GENERATOR ELEMENT
- E4 - CONVECTION ELEMENT
- E3, E5 - CAVITY LAMP
- F6, F7 - CIRCUIT FUSING, CAVITY LAMPS
- F1, F5 - CIRCUIT FUSING, POWER SUPPLY
- F10 - CIRCUIT FUSING, MOTOR
- F52 - MOTOR PROTECTOR
- FA1, FA2 - COOLING FANS
- FST - FUSING, STEAM ELEMENTS
- FE - FUSING, CONVECTION ELEMENT
- K1 - STEAM GENERATOR CONTACTORS
- K41, K42 - CONVECTION ELEMENT CONTACTORS
- K51, K52, K53 - MOTOR CONTACTORS
- K77 - SAFETY CONTACTOR
- M1 - CONVECTION MOTORS
- M4 - STEAM GENERATOR DRAIN PUMP
- N6 - CONVECTION ELEMENT OVERTEMP
- N7 - CAVITY HIGH LIMIT SAFETY THERMOSTAT
- N8 - STEAM GENERATOR ELEMENT OVERTEMP
- S7 - DOOR SWITCH
- Y1 - STEAM GENERATOR FILL SOLENOID
- Y2 - CONDENSOR COOLING SOLENOID
- Y3 - VENT SOLENOID

**ELECTRICAL RATING**

380-415v 8.4-11.2 kW  
13-16 A/PHASE

**SCHEMATIC, ELECTRICAL CE**

CUT SIZE:	MODELS: 6.10 ML \ WW 380-415V 50/60HZ	
MATERIAL:	<b>ALTO-SHAAM</b> MENOMONEE FALLS, WISC. 53052-450	
DESCRIPTION:		
QUANTITY:	SCALE: 1/2" = 1"	DWG: B-7748
APPROVAL: PED	BY: SLD	DATE: 3/23/05

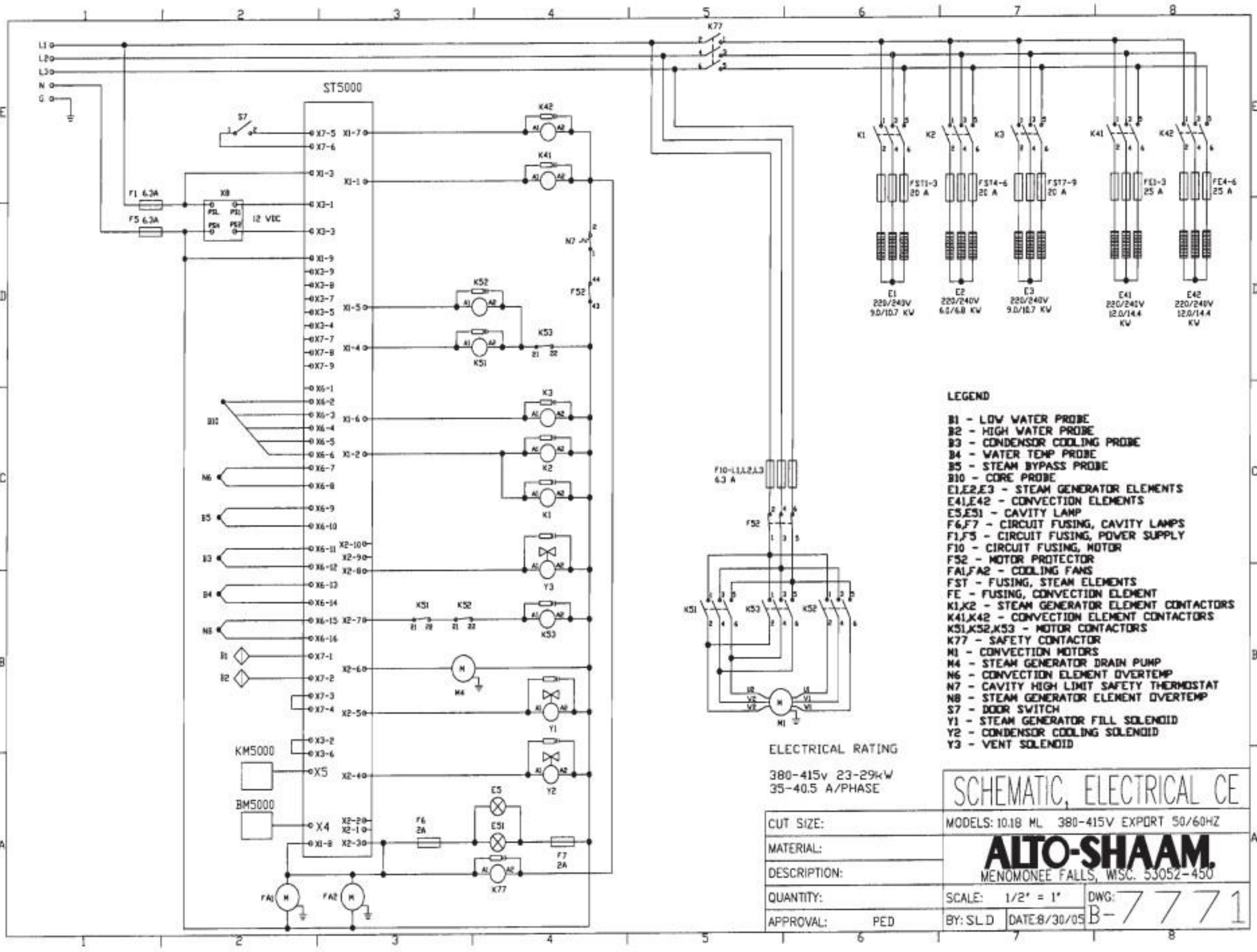


- LEGEND**
- B1 - LOW WATER PROBE
  - B2 - HIGH WATER PROBE
  - B3 - CONDENSOR COOLING PROBE
  - B4 - WATER TEMP PROBE
  - B5 - STEAM BYPASS PROBE
  - B10 - CORE PROBE
  - E1,E2 - STEAM GENERATOR ELEMENTS
  - E4 - CONVECTION ELEMENT
  - E5,E51 - CAVITY LAMP
  - F6,F7 - CIRCUIT FUSING, CAVITY LAMPS
  - F1,F5 - CIRCUIT FUSING, POWER SUPPLY
  - F10 - CIRCUIT FUSING, MOTOR
  - F52 - MOTOR PROTECTOR
  - FA1,FA2 - COOLING FANS
  - FST - FUSING, STEAM ELEMENTS
  - FE - FUSING, CONVECTION ELEMENT
  - K1,K2 - STEAM GENERATOR ELEMENT CONTACTORS
  - K41,K42 - CONVECTION ELEMENT CONTACTORS
  - K51,K52,K53 - MOTOR CONTACTORS
  - K77 - SAFETY CONTACTOR
  - M1 - CONVECTION MOTORS
  - M4 - STEAM GENERATOR DRAIN PUMP
  - N6 - CONVECTION ELEMENT OVERTEMP
  - N7 - CAVITY HIGH LIMIT SAFETY THERMOSTAT
  - N8 - STEAM GENERATOR ELEMENT OVERTEMP
  - S7 - DOOR SWITCH
  - Y1 - STEAM GENERATOR FILL SOLENOID
  - Y2 - CONDENSOR COOLING SOLENOID
  - Y3 - VENT SOLENOID

**ELECTRICAL RATING**  
 380-415v 14.2-18.3 kW  
 21.5-25.5 A/PHASE

**SCHEMATIC, ELECTRICAL CE**

CUT SIZE:	MODELS: 10.10 ML\WW 380-415V 50/60HZ		
MATERIAL:	<b>ALTO-SHAAM</b> MENOMONEE FALLS, WISC. 53052-450		
DESCRIPTION:			
QUANTITY:	SCALE: 1/2" = 1"	DWG: B-7752	
APPROVAL: PED	BY: SL D	DATE: 3/28/05	

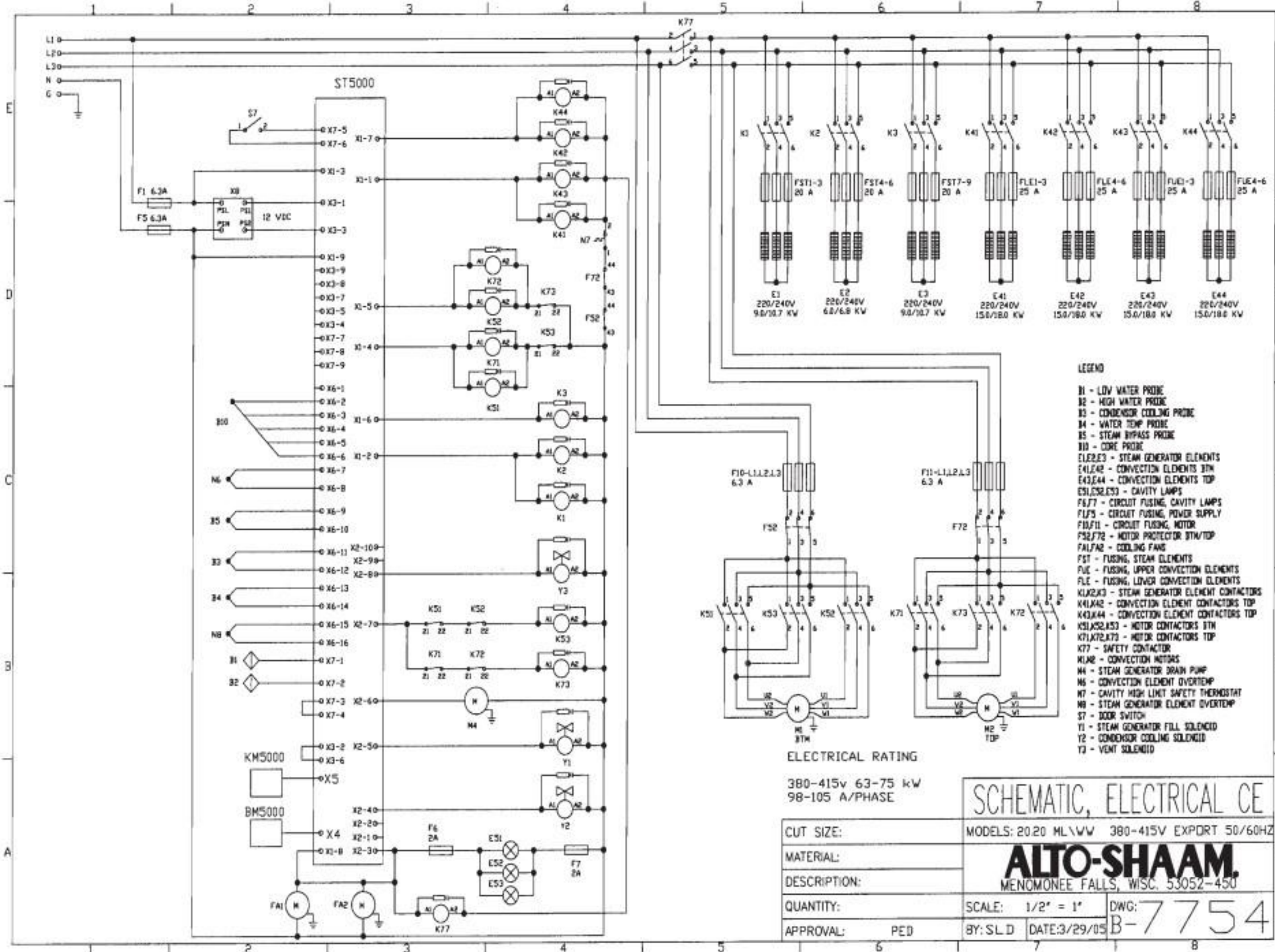


- LEGEND**
- B1 - LOW WATER PROBE
  - B2 - HIGH WATER PROBE
  - B3 - CONDENSOR COOLING PROBE
  - B4 - WATER TEMP PROBE
  - B5 - STEAM BYPASS PROBE
  - B10 - CORE PROBE
  - E1,E2,E3 - STEAM GENERATOR ELEMENTS
  - E41,E42 - CONVECTION ELEMENTS
  - E5,E51 - CAVITY LAMP
  - F6,F7 - CIRCUIT FUSING, CAVITY LAMPS
  - F1,F5 - CIRCUIT FUSING, POWER SUPPLY
  - F10 - CIRCUIT FUSING, MOTOR
  - F52 - MOTOR PROTECTOR
  - F11,F12 - COOLING FANS
  - FST - FUSING, STEAM ELEMENTS
  - FE - FUSING, CONVECTION ELEMENT
  - K1,K2 - STEAM GENERATOR ELEMENT CONTACTORS
  - K41,K42 - CONVECTION ELEMENT CONTACTORS
  - K51,K52,K53 - MOTOR CONTACTORS
  - K77 - SAFETY CONTACTOR
  - M1 - CONVECTION MOTORS
  - M4 - STEAM GENERATOR DRAIN PUMP
  - M6 - CONVECTION ELEMENT OVERTEMP
  - N7 - CAVITY HIGH LIMIT SAFETY THERMOSTAT
  - N8 - STEAM GENERATOR ELEMENT OVERTEMP
  - S7 - DOOR SWITCH
  - Y1 - STEAM GENERATOR FILL SOLENOID
  - Y2 - CONDENSOR COOLING SOLENOID
  - Y3 - VENT SOLENOID

**ELECTRICAL RATING**  
 380-415v 23-29kW  
 35-40.5 A/PHASE

**SCHEMATIC, ELECTRICAL CE**

CUT SIZE:	MODELS: 10.18 ML 380-415V EXPDRT 50/60HZ	
MATERIAL:	<b>ALTO-SHAAM.</b> MENOMONEE FALLS, WISC. 53052-450	
DESCRIPTION:		
QUANTITY:	SCALE: 1/2" = 1"	DWG: 7771
APPROVAL: PED	BY: SLD	DATE: 8/30/05



- LEGEND**
- B1 - LOW WATER PROBE
  - B2 - HIGH WATER PROBE
  - B3 - CONDENSOR COOLING PROBE
  - B4 - WATER TEMP PROBE
  - B5 - STEAM BYPASS PROBE
  - B10 - CORE PROBE
  - E1,E2,E3 - STEAM GENERATOR ELEMENTS
  - E41,E42 - CONVECTION ELEMENTS BTH
  - E43,E44 - CONVECTION ELEMENTS TOP
  - E51,E52,E53 - CAVITY LAMPS
  - F6,F7 - CIRCUIT FUSING, CAVITY LAMPS
  - F1,F5 - CIRCUIT FUSING, POWER SUPPLY
  - F10,F11 - CIRCUIT FUSING, MOTOR
  - F52,F72 - MOTOR PROTECTOR BTH/TOP
  - FAL,FAR - COOLING FANS
  - FST - FUSING, STEAM ELEMENTS
  - FUE - FUSING, UPPER CONVECTION ELEMENTS
  - FLE - FUSING, LOWER CONVECTION ELEMENTS
  - K1,K2,K3 - STEAM GENERATOR ELEMENT CONTACTORS
  - K41,K42 - CONVECTION ELEMENT CONTACTORS TOP
  - K43,K44 - CONVECTION ELEMENT CONTACTORS BTH
  - K51,K52,K53 - MOTOR CONTACTORS BTH
  - K71,K72,K73 - MOTOR CONTACTORS TOP
  - K77 - SAFETY CONTACTOR
  - K1A2 - CONVECTION MOTORS
  - M4 - STEAM GENERATOR DRAIN PUMP
  - M6 - CONVECTION ELEMENT OVERTEMP
  - M7 - CAVITY HIGH LIMIT SAFETY THERMOSTAT
  - M8 - STEAM GENERATOR ELEMENT OVERTEMP
  - S7 - DOOR SWITCH
  - Y1 - STEAM GENERATOR FILL SOLENOID
  - Y2 - CONDENSOR COOLING SOLENOID
  - Y3 - VENT SOLENOID

**ELECTRICAL RATING**  
 380-415v 63-75 kW  
 98-105 A/PHASE

**SCHEMATIC, ELECTRICAL CE**

CUT SIZE:	MODELS: 2020 ML\WW 380-415V EXPDRT 50/60HZ	
MATERIAL:		
DESCRIPTION:	<b>ALTO-SHAAM</b> MENOMONEE FALLS, WISC. 53052-450	
QUANTITY:	SCALE: 1/2" = 1"	DWG: B-7754
APPROVAL: PED	BY: SL D	DATE: 3/29/05