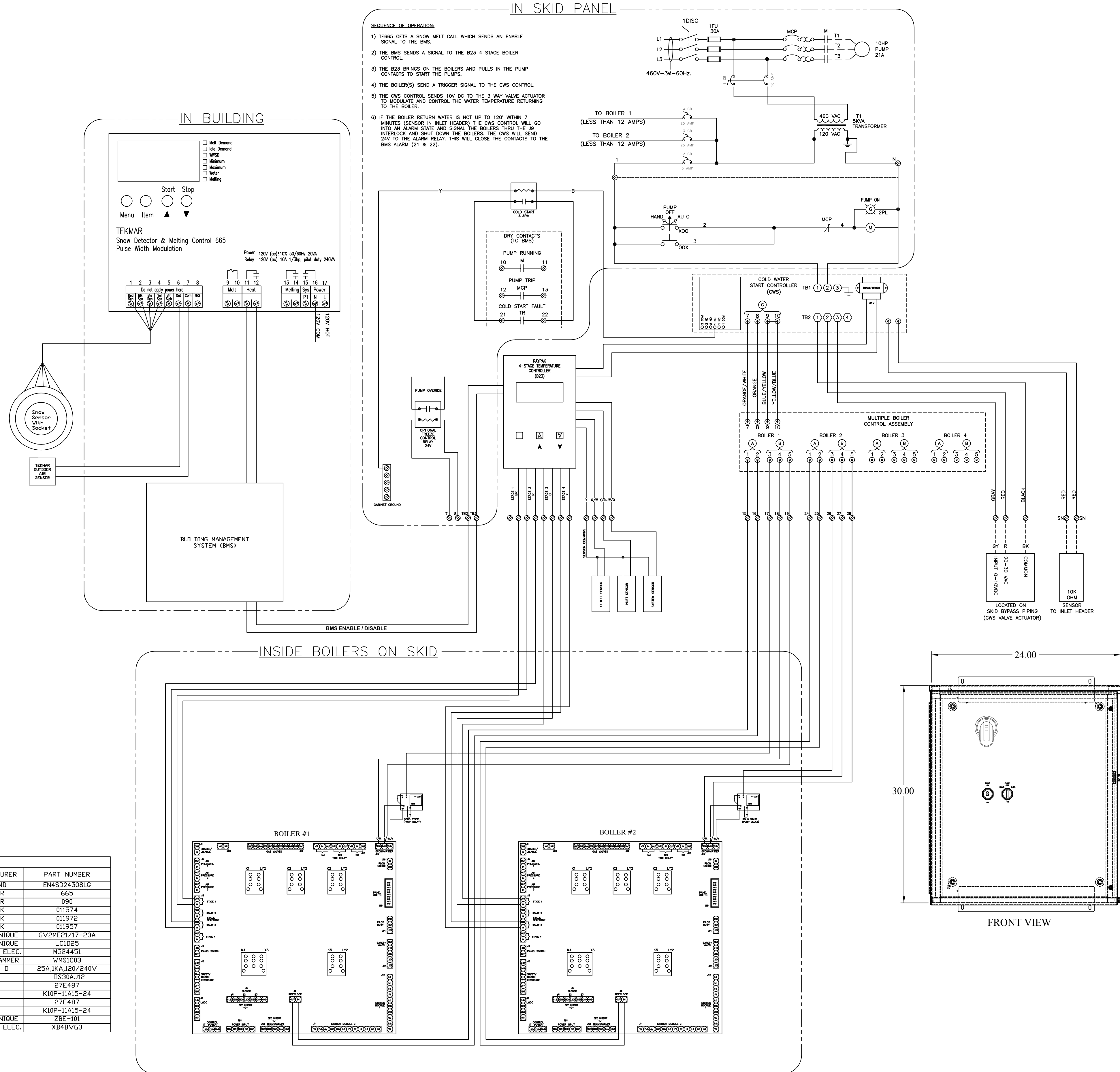


# CONTROLS PLAN

SCALE: NONE

PARTS LIST			
QTY.	DESCRIPTION	MANUFACTURER	PART NUMBER
1	24" X 30" X 8" ENCLOSURE	HAMMOND	EN45D24308LG
1	SNOW MELT CONTROL	TEKMAR	665
1	SNOW MELT SENSOR	TEKMAR	190
1	TEMPTRACKER B23	RAYPAK	011574
1	PS0 CWS/CWR CONTROLLER	RAYPAK	011972
1	CWS/CWR INTERLOCK CONTROL	RAYPAK	011957
1	THERMAL OVERLOAD	TELEMECANIQUE	GV2ME21/17-23A
1	PUMP CONTACTOR	TELEMECANIQUE	LC1D25
1	CIRCUIT BREAKER (CB1)	SCHNEIDER ELEC.	MG24451
1	CIRCUIT BREAKER (CB2)	CUTLER HAMMER	WMS1C03
2	CIRCUIT BREAKER (CB3 & 4)	SQUARE D	2SA,1KA,120/240V
1	MAIN CIRCUIT BREAKER	ABB	DS30A,12
1	CWS ALM. RELAY SOCKET	P&B	27E487
1	CWS ALARM RELAY	TYCO	K10P-11A15-24
1	FREEZE PROT. RELAY SOCKET	P&B	27E487
1	FREEZE PROTECTION RELAY	TYCO	K10P-11A15-24
1	AUTO/MANUAL SWITCH	TELEMECANIQUE	ZBE-101
1	PILDT LIGHT (GREEN)	SCHNEIDER ELEC.	XB48V33



**LIABILITY**  
 This drawing and our recommendations and suggestions, are intended to assist our customers. Our design represents our best judgment based on our experience and the best facts provided to us, any use thereof is at the sole risk of the customer.  
 It is assumed that the customer will install the THAW-PAK system in compliance with all local, state and national codes.

CONSULTANTS:  
**E&S CONST. ENG.**  
 4326 MOUNTAIN RD.  
 PASADENA, MARYLAND

**thawPAK**  
 Snow Melt & Heating Systems

PROJECT NAME:  
**CHERRY CREEK MALL**  
 3000 EAST 1ST AVENUE  
 DENVER, COLORADO

THAW-PAK DISTRIBUTOR:  
**PERFORMANCE engineering group**

DRAWN BY:  
 Gordon Faustich  
 REVIEWED BY:  
 AD  
 APPROVED BY:  
 AD  
 ISSUED FOR  
 02/12/15 APPROVAL

PROPERTY OF THAW-PAK  
 This drawing is the property of THAW-PAK, it has been prepared to assist in the installation of our systems. Customer agrees to keep confidential and not disclose this drawing or copies thereof without our written consent.

DRAWING NO.  
 PEG14-0235

SHEET NO.  
**E1**