

CIRCLE K SOUTHWEST PROTOTYPE 4485 - 01/17/2013

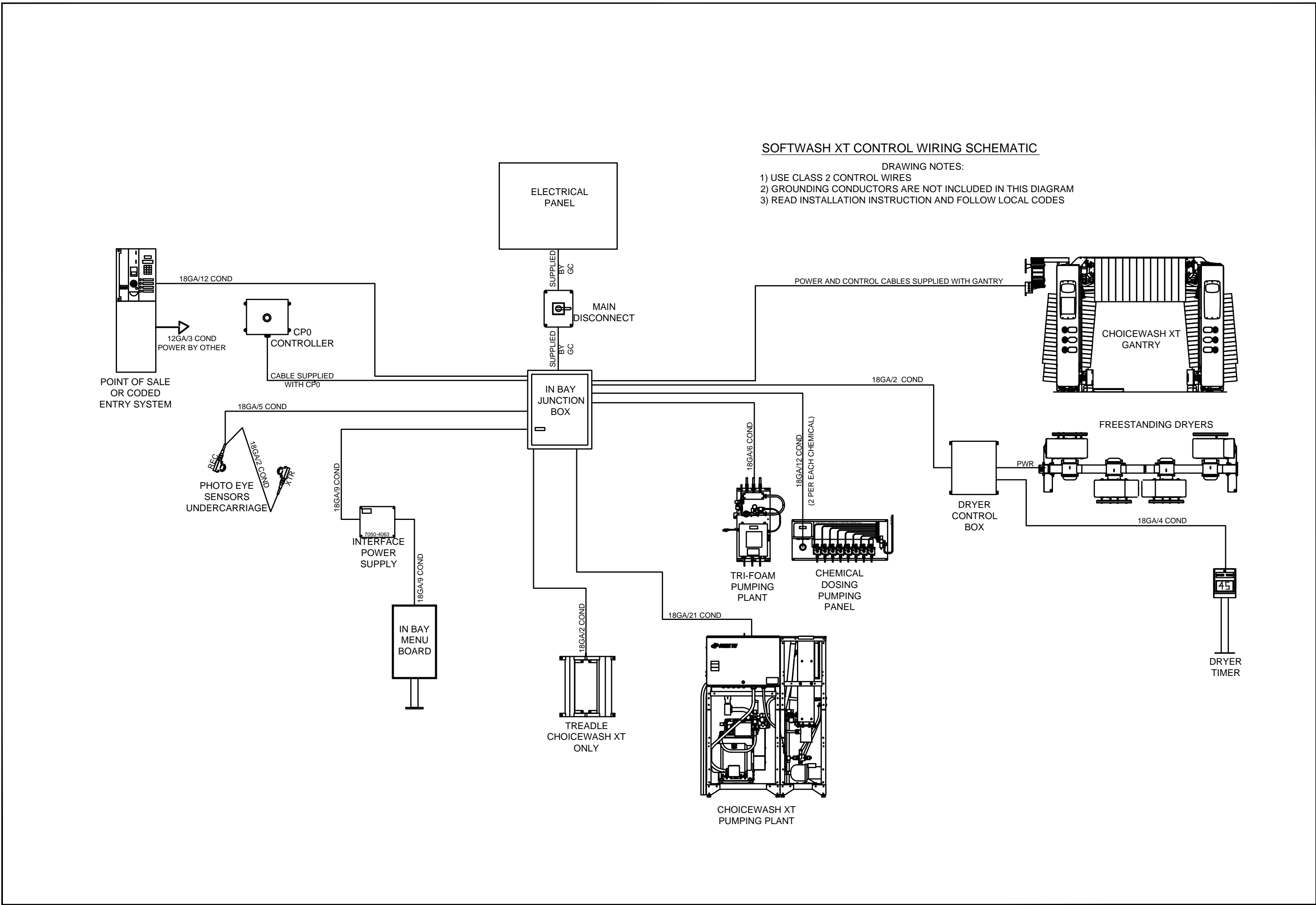
D

C

B

A

Drawing Name: P:\2013\20130780\030-Buildout-Construction-Document.dwg E:\Circle-K-Southwest\Prototype.dwg 01/20/2013 10:43am Printed on: Jan 21, 2013 - 4:32pm Printed by: gphg



PANEL 'CW'																
MAIN SIZE & TYPE:		VOLTS/PHASE/WIRE:		FED FROM:		MANUFACTURER:		LOCATION:		MOUNTING:		MIN. A.L.C.:				
400A M.C.B		208Y120V, 3PH, 4W		DIST. PANEL P1		SQUARE D		UTILITY AREA		SURFACE		65K/10K SERIES RATED				
CIRCUIT NO.	AREA SERVED	COND	PHASE	NEUT	GND	BKR	PHASE LOAD (KW)			BKR	GND	NEUT	PHASE	COND	AREA SERVED	CIRCUIT NO.
							A	B	C							
1	CODE ENTRY BOX	1/2"	#12	#12	#12	201	3.1									2
3	3FOAM PUMP / MS-MERCHANDISING SING	1/2"	#12	#12	#12	151		0.5								4
								3.1								
5										1.9						6
7	AIR COMP. SHP	3/4"	#10	#10	#10	203	1.9									
							1.5									
9								1.9								8
11	RD SYSTEM	3/4	#10	#10	#10	202		1.6								10
13							2.4									12
								1.2								
15	RP SYSTEM	3/4	#10	#10	#10	202		-								14
								1.2								
17								-								16
19							1.0									18
21	FS-40D FREESTANDING DRYER	1-1/2"	#10	#10	#6	1503	0.9									20
								1.0								
23								9.9								22
25	LIGHTING	1/2"	#12	#12	#12	201	0.4									24
								2.1								
27	EXT. SIGN	1/2"	#12	#12	#12	201		1.2								26
								2.1								
29	EXT. SIGN	1/2"	#12	#12	#12	201				1.2						28
										2.1						
31	EXT. SIGN	1/2"	#12	#12	#12	201	1.2									30
								0.3								
33	CONTROL PANEL	1/2"	#12	#12	#12	201		0.6								32
								1.2								
35	MERCHANDISING SIGN	1/2"	#12	#12	#12	201				0.96						34
										1.2						
37	TSS SIGN-TFLAS	1/2"	#12	#12	#12	201	1.2									36
								1.2								
39	HYDRONIC HTG BOILERS	1/2"	#12	#12	#12	201		0.6								38
								0.3								
41	LV CONTROLS - OES	1/2"	#12	#12	#12	201				0.1						40
										-						
* CONCURRENT LOAD																42
** PROVIDE HANDLE TIES FOR BREAKERS																
*** PANEL TO BE ABLE TO FIT BREAKER SIZE.																
TOTAL CONNECTED LOAD							26.6	24.1	24.6							
CONCURRENT LOAD WORSE ESSEANRIO							14.1	15.8	15.8							
TOTAL LOAD (KW)							26.6	24.1	24.6	209.2 AMPS						