

This drawing and all its contents are protected by copyright, and shall not be reproduced, in whole or in part without the expressed written consent of Cavada Koppo Architects Ltd. These drawings are not to be scaled. All dimensions are to face of stud or finishing unless noted otherwise. Contractor must verify all dimensions, drawings, details and specifications. Any discrepancies are to be reported to Cavada Koppo Architects Ltd. prior to proceeding with work. This includes any errors or omissions.

**casola+koppe**  
ARCHITECTS  
#300 - 1410 1st Street SW, Calgary, Alberta T2R 0V8  
bus #403) 287-9960 fax (403) 287-9962 info@c-karch.ca

#300 - 1410 1st street sw, calgary, alberta T2R 0V8  
bus (403) 287-9960 fax (403) 287-9962 info@ckarch.ca

**WSP**

203 WELLMAN CRESCENT  
SASKATON SASKATCHEWAN CANADA S7N 0J1  
TEL: 1-306-965-0232 FAX: 1-306-965-0583 | WWW.WSPGROUP.COM

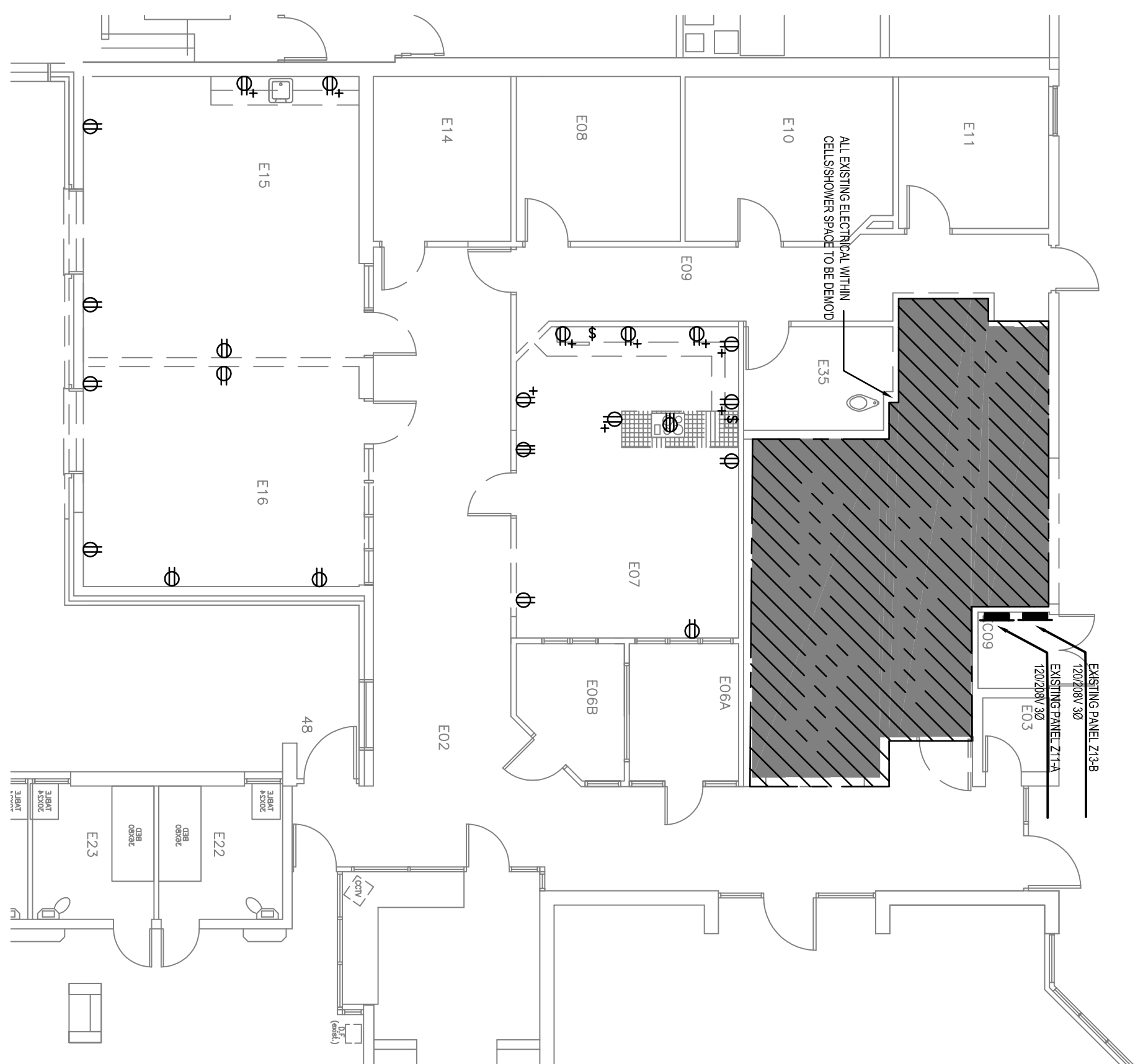
Association of Professional Engineers & Scientists  
of Saskatchewan  
CERTIFICATE OF AUTHORIZATION  
WSP CANADA INC.  
Number C0868  
Permission to Consent and by:  
Director, Sr. Reg. Asst. Secretary  
ELCET 5367 752916

**CORRECTIONAL SERVICES  
CANADA**

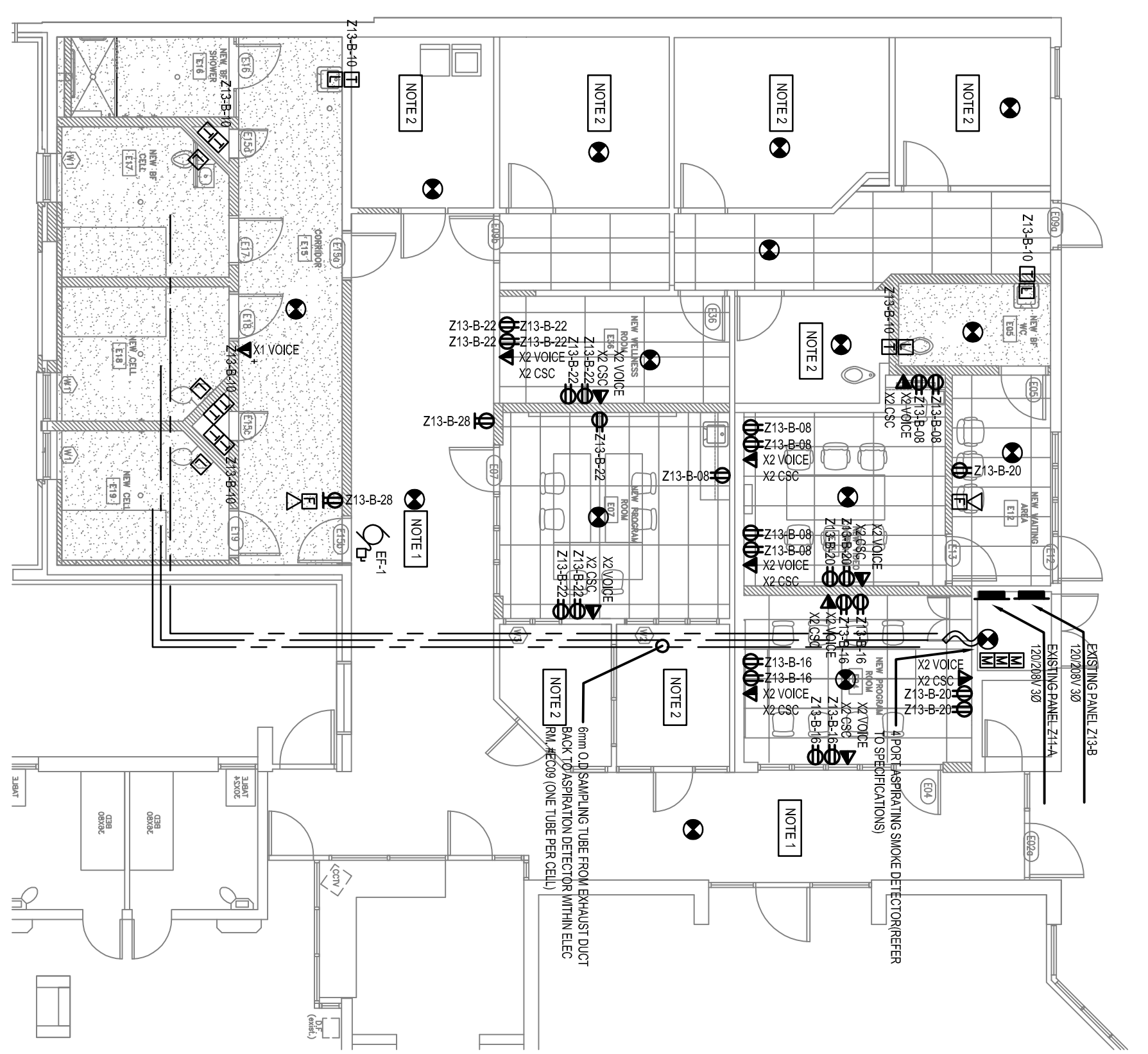
**CHURCHILL UNIT  
REDEVELOPMENT**

**CHURCHILL UNIT  
POWER & SYSTEMS  
DEMOLITION & NEW CONSTRUCTION**

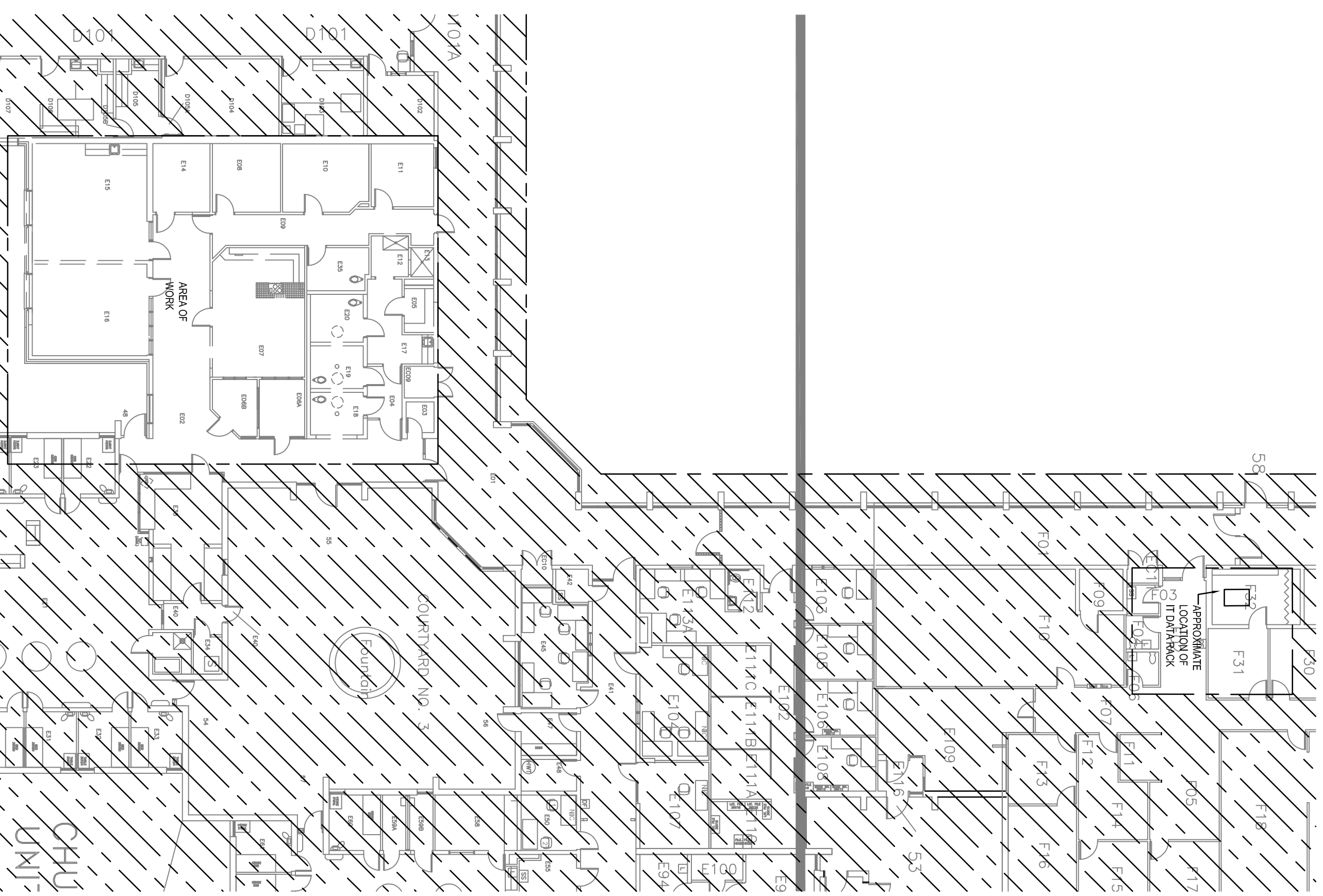
Project no./No. du projet	Drawing no./No. du dessin	Revision
P 082315 001	E3	E



1 POWER & SYSTEMS PLAN - DEMO



2 POWER & SYSTEMS PLAN – NEW CONSTRUCTION  
1:100



### 3 KEY PLAN

CIRCUIT No	DESCRIPTION	LOAD WATTS	BREAKER SIZE	BREAKER SIZE	LOAD WATTS	CIRCUIT No
1	E-1 LIGHT					2
2	E-2 CORRIDOR RECEPTACLE				E-2, E-3 RECEPTACLE AND SOLID STATE	3
3	E-3 RECEPTACLE				E-4 RECEPTACLE	4
4	E-4 RECEPTACLE				E-5 RECEPTACLE	5
5	E-5 RECEPTACLE				E-6 RECEPTACLE	6
6	E-6 RECEPTACLE				E-7 RECEPTACLE	7
7	E-7 RECEPTACLE				E-8 RECEPTACLE	8
8	E-8 RECEPTACLE				E-9 RECEPTACLE	9
9	E-9 RECEPTACLE				E-10 RECEPTACLE	10
10	E-10 RECEPTACLE				E-11 RECEPTACLE	11
11	E-11 RECEPTACLE				E-12 RECEPTACLE	12
12	E-12 RECEPTACLE				E-13 RECEPTACLE	13
13	E-13 RECEPTACLE				E-14 RECEPTACLE	14
14	E-14 RECEPTACLE				E-15 RECEPTACLE	15
15	E-15 RECEPTACLE				E-16 RECEPTACLE	16
16	E-16 RECEPTACLE				E-17 RECEPTACLE	17
17	E-17 RECEPTACLE				E-18 RECEPTACLE	18
18	E-18 RECEPTACLE				E-19 RECEPTACLE	19
19	E-19 RECEPTACLE				E-20 RECEPTACLE	20
20	E-20 RECEPTACLE				E-21 RECEPTACLE	21
21	E-21 RECEPTACLE				E-22 RECEPTACLE	22
22	E-22 RECEPTACLE				E-23 RECEPTACLE	23
23	E-23 RECEPTACLE				E-24 RECEPTACLE	24
24	E-24 RECEPTACLE				E-25 RECEPTACLE	25
25	E-25 RECEPTACLE				E-26 RECEPTACLE	26
26	E-26 RECEPTACLE				E-27 RECEPTACLE	27
27	E-27 RECEPTACLE				E-28 RECEPTACLE	28
28	E-28 RECEPTACLE				E-29 RECEPTACLE	29
29	E-29 RECEPTACLE				E-30 RECEPTACLE	30
30	E-30 RECEPTACLE				E-31 RECEPTACLE	31
31	E-31 RECEPTACLE				E-32 RECEPTACLE	32
32	E-32 RECEPTACLE				E-33 RECEPTACLE	33
33	E-33 RECEPTACLE				E-34 RECEPTACLE	34
34	E-34 RECEPTACLE				E-35 RECEPTACLE	35
35	E-35 RECEPTACLE				E-36 RECEPTACLE	36
36	E-36 RECEPTACLE				E-37 RECEPTACLE	37
37	E-37 RECEPTACLE				E-38 RECEPTACLE	38
38	E-38 RECEPTACLE				E-39 RECEPTACLE	39
39	E-39 RECEPTACLE				E-40 RECEPTACLE	40
40	E-40 RECEPTACLE				E-41 RECEPTACLE	41
41	E-41 RECEPTACLE				E-42 RECEPTACLE	42
42	E-42 RECEPTACLE				E-43 RECEPTACLE	43
43	E-43 RECEPTACLE				E-44 RECEPTACLE	44
44	E-44 RECEPTACLE				E-45 RECEPTACLE	45
45	E-45 RECEPTACLE				E-46 RECEPTACLE	46
46	E-46 RECEPTACLE				E-47 RECEPTACLE	47
47	E-47 RECEPTACLE				E-48 RECEPTACLE	48
48	E-48 RECEPTACLE				E-49 RECEPTACLE	49
49	E-49 RECEPTACLE				E-50 RECEPTACLE	50
50	E-50 RECEPTACLE				E-51 RECEPTACLE	51
51	E-51 RECEPTACLE				E-52 RECEPTACLE	52
52	E-52 RECEPTACLE				E-53 RECEPTACLE	53
53	E-53 RECEPTACLE				E-54 RECEPTACLE	54
54	E-54 RECEPTACLE				E-55 RECEPTACLE	55
55	E-55 RECEPTACLE				E-56 RECEPTACLE	56
56	E-56 RECEPTACLE				E-57 RECEPTACLE	57
57	E-57 RECEPTACLE				E-58 RECEPTACLE	58
58	E-58 RECEPTACLE				E-59 RECEPTACLE	59
59	E-59 RECEPTACLE				E-60 RECEPTACLE	60
60	E-60 RECEPTACLE				E-61 RECEPTACLE	61
61	E-61 RECEPTACLE				E-62 RECEPTACLE	62
62	E-62 RECEPTACLE				E-63 RECEPTACLE	63
63	E-63 RECEPTACLE				E-64 RECEPTACLE	64
64	E-64 RECEPTACLE				E-65 RECEPTACLE	65
65	E-65 RECEPTACLE				E-66 RECEPTACLE	66
66	E-66 RECEPTACLE				E-67 RECEPTACLE	67
67	E-67 RECEPTACLE				E-68 RECEPTACLE	68
68	E-68 RECEPTACLE				E-69 RECEPTACLE	69
69	E-69 RECEPTACLE				E-70 RECEPTACLE	70
70	E-70 RECEPTACLE				E-71 RECEPTACLE	71
71	E-71 RECEPTACLE				E-72 RECEPTACLE	72
72	E-72 RECEPTACLE				E-73 RECEPTACLE	73
73	E-73 RECEPTACLE				E-74 RECEPTACLE	74
74	E-74 RECEPTACLE				E-75 RECEPTACLE	75
75	E-75 RECEPTACLE				E-76 RECEPTACLE	76

\*EXISTING CIRCUITS (SHOWN IN GREY) BASED OFF OF PANEL SCHEDULES  
SHOWN FOR INFORMATION ONLY

CIRCUIT	No	DESCRIPTION	LOAD WATTS	BREAKER SIZE	BREAKER SIZE		DESCRIPTION	CIRCUIT	No
					LOAD WATTS	BREAKER SIZE			
1		REFRIGER					REFRIGER	4	
2		REFRIGER					REFRIGER	4	
3		LOADS					REFRIGER	6	
4		LOADS					REFRIGER	10	
5		LOADS					REFRIGER	10	
6		LOADS					REFRIGER	12	
7		LOADS					REFRIGER	12	
8		LOADS					REFRIGER	12	
9		LOADS					REFRIGER	12	
10		LOADS					REFRIGER	12	
11		LOADS					REFRIGER	12	
12		LOADS					REFRIGER	12	
13		LOADS					REFRIGER	12	
14		LOADS					REFRIGER	12	
15		LOADS					REFRIGER	12	
16		LOADS					REFRIGER	12	
17		LOADS					REFRIGER	12	
18		LOADS					REFRIGER	12	
19		EXTERIOR LIGHTING					REFRIGER	12	
20		LOADS					REFRIGER	12	
21		CHURCHILL MAIN ELEC. ROOM					REFRIGER	12	
22		CHURCHILL MAIN ELEC. ROOM					REFRIGER	12	
23		CHURCHILL MAIN ELEC. ROOM					REFRIGER	12	
24		CHURCHILL MAIN ELEC. ROOM					REFRIGER	12	
25		CHURCHILL MAIN ELEC. ROOM					REFRIGER	12	
26		CHURCHILL MAIN ELEC. ROOM					REFRIGER	12	
27		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
28		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
29		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
30		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
31		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
32		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
33		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
34		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
35		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
36		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
37		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
38		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
39		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
40		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
41		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
42		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
43		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
44		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
45		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
46		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
47		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
48		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
49		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
50		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
51		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
52		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
53		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
54		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
55		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
56		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
57		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
58		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
59		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
60		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
61		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
62		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
63		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
64		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
65		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
66		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
67		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
68		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
69		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
70		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
71		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
72		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
73		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
74		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
75		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
76		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
77		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
78		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
79		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
80		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
81		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
82		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
83		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
84		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
85		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
86		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
87		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
88		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
89		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
90		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
91		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
92		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
93		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
94		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
95		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
96		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
97		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
98		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
99		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	
100		CHURCHILL KITCHEN COOKTOP					REFRIGER	12	

\*EXISTING CIRCUITS (SHOWN IN GREY) BASED OFF OF PANEL SCHEDULES  
SHOWN FOR INFORMATION ONLY

MOTOR CONTROL SCHEDULE		MOTOR NO.
MOTOR NO.	DESCRIPTION	
	POWER	
	VOLT. PH.	
	FA.	
	BREAKER	
	FEEDER	
	CIRCUIT	
	STARTER	
	DISCON.	
	REMARKS	
	MOTOR NO.	

## MOTOR CONTROL SCHEDULE