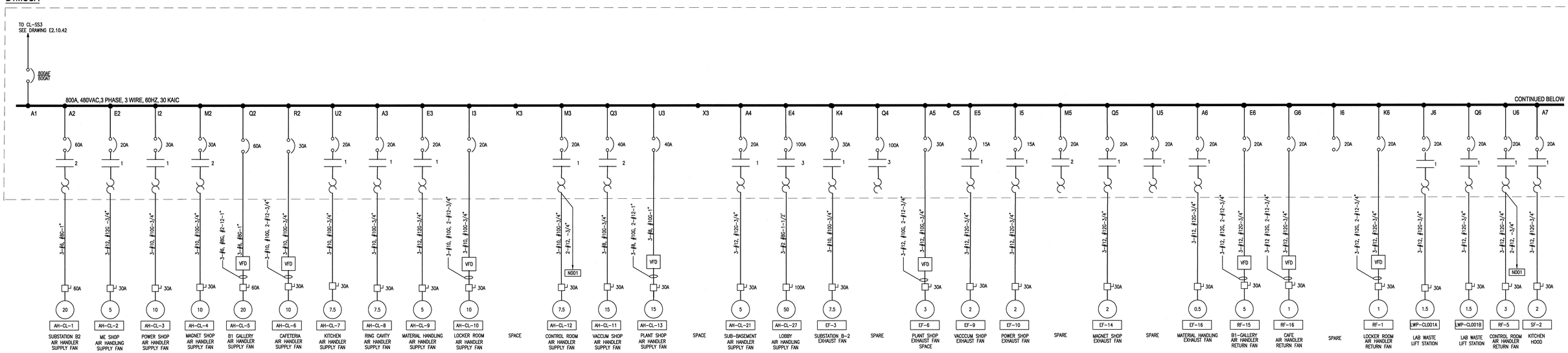
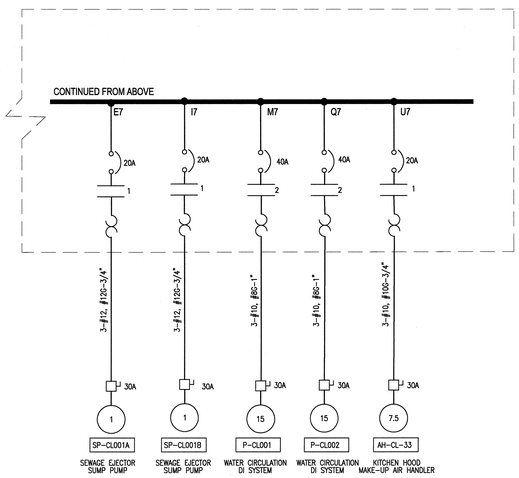




	MCC SECTION 1	MCC SECTION 2	MCC SECTION 3	MCC SECTION 4	MCC SECTION 5	MCC SECTION 6	MCC SECTION 7
A	A1	A2	A3	A4	A5	A6	A7
B							
C					C5		
D							
E		E2	E3	E4	E5	E6	E7
F							
G						G6	
H							
I		I2	I3		I5	I6	I7
J							
K			K3	K4		K6	
L							
M		M2	M3		M5	J6	M7
N							
O							
P		Q2	Q3	Q4	Q5	Q6	Q7
Q							
R		R2					
S							
T		U2	U3		U5	U6	U7
U							
V			X3				
W							
X							

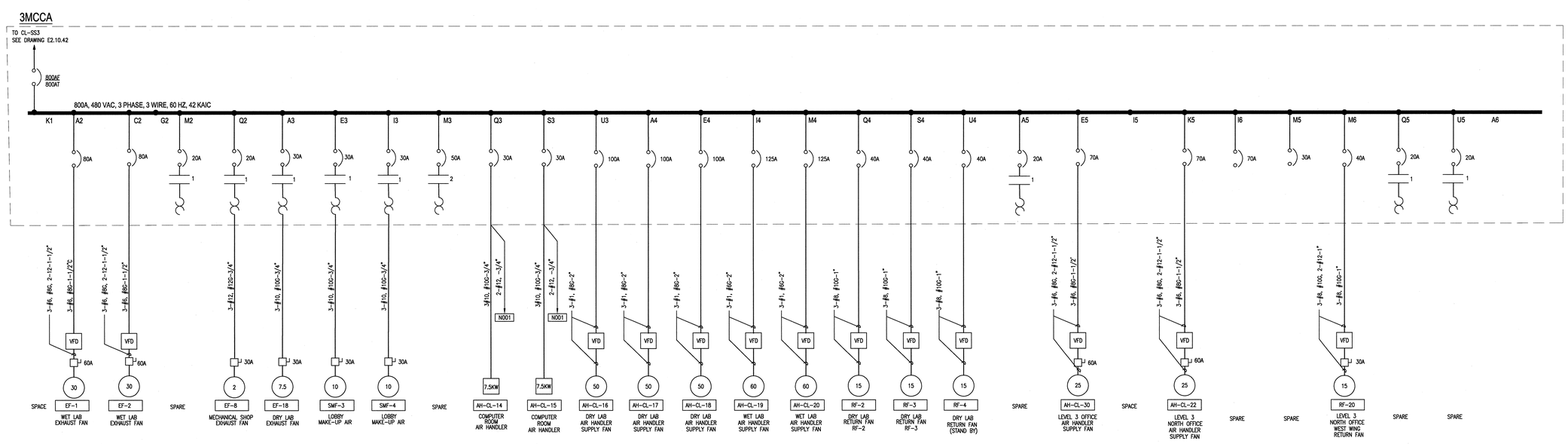
1 B1MCCA ELEVATION (TOP LOCATED MAIN BREAKER)

	MCC SECTION 1	MCC SECTION 2	MCC SECTION 3	MCC SECTION 4	MCC SECTION 5	MCC SECTION 6
A	A1	A2	A3	A4	A5	A6
B						
C		C2				
D						
E			E3	E4	E5	
F						
G		G2				
H						
I			I3	I4	I5	
J						
K	K1				K5	
L						
M		M2	M3	M4	M5	
N						
O					O5	
P						
Q		Q2	Q3	Q4	Q5	
R						
S			S3			
T						
U			U3	U4	U5	
V						
W						
X						

2 3MCCA ELEVATION (BOTTOM LOCATED MAIN BREAKER)

KEYNOTES:

N001 PROVIDE CONDUIT AND WIRE FROM MOTOR CONTROL CENTER BUCKET TO EMERGENCY POWER OFF (EPO) CONTACTOR LOCATED OUTSIDE OF CENTRAL CONTROL EQUIPMENT ROOM 1-4-25. TERMINATE 2 #12 WIRE AT MOTOR STARTER CIRCUIT BREAKER OR CIRCUIT BREAKER FEEDER SHUNT TRIP DEVICE. REFER TO E8.10.49 DETAIL 1 FOR CONTROL SCHEMATIC.



REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1				CERTIFIED FOR CONSTRUCTION – 12/20/01	DD	RL											VGS	106009	12/20/01		AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED
0	–	–	–	CERTIFIED FOR CONSTRUCTION – 05/15/2001	DD	RL			CLG	10/1/01	JS	08/21/01			JRL	10/8/01	VGS	106009	5/15/01		AW	WRS	RL	WRS	BWJ	--	WRS	--	WAS

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: VICTOR G. STELLERN, REGISTERED ENGINEER, No. 00106001, TENNESSEE, STATE OF TENNESSEE — 12-17-01

REV.	DATE	
1	12-17-01	

DRAWING APPROVALS

DSN	D.DANIELSON	5/15/01
DRW	S. BARNETT	5/15/01
CHK	R.LENNIG	5/15/01
DEPT		
PE	C.GARREN	10/1/01
PJ	J. STELLERN	8/21/01
REQ		
UTB	J.LAWSON	10/8/01

108031400-E8E-8600-A169

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PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
ELECTRICAL PARTIAL SINGLE LINE DIAGRAM
MOTOR CONTROL CENTERS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8600		1	1	D	U
51		52		53	WBS					REV
NC		NA			1.8.3.14		E2.10.44			1

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SECTION AND DETAIL KEY

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ENGINEERING PROCEDURE SNS-ENG-0001

Date: 05/14/2001 Time: 14:01:49
Username: SHERGER
PW-P:\SNS\PROJECTS\1600\700_CAMP\SAA_2B\740_FLOT\E2-10-44.DWG

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