

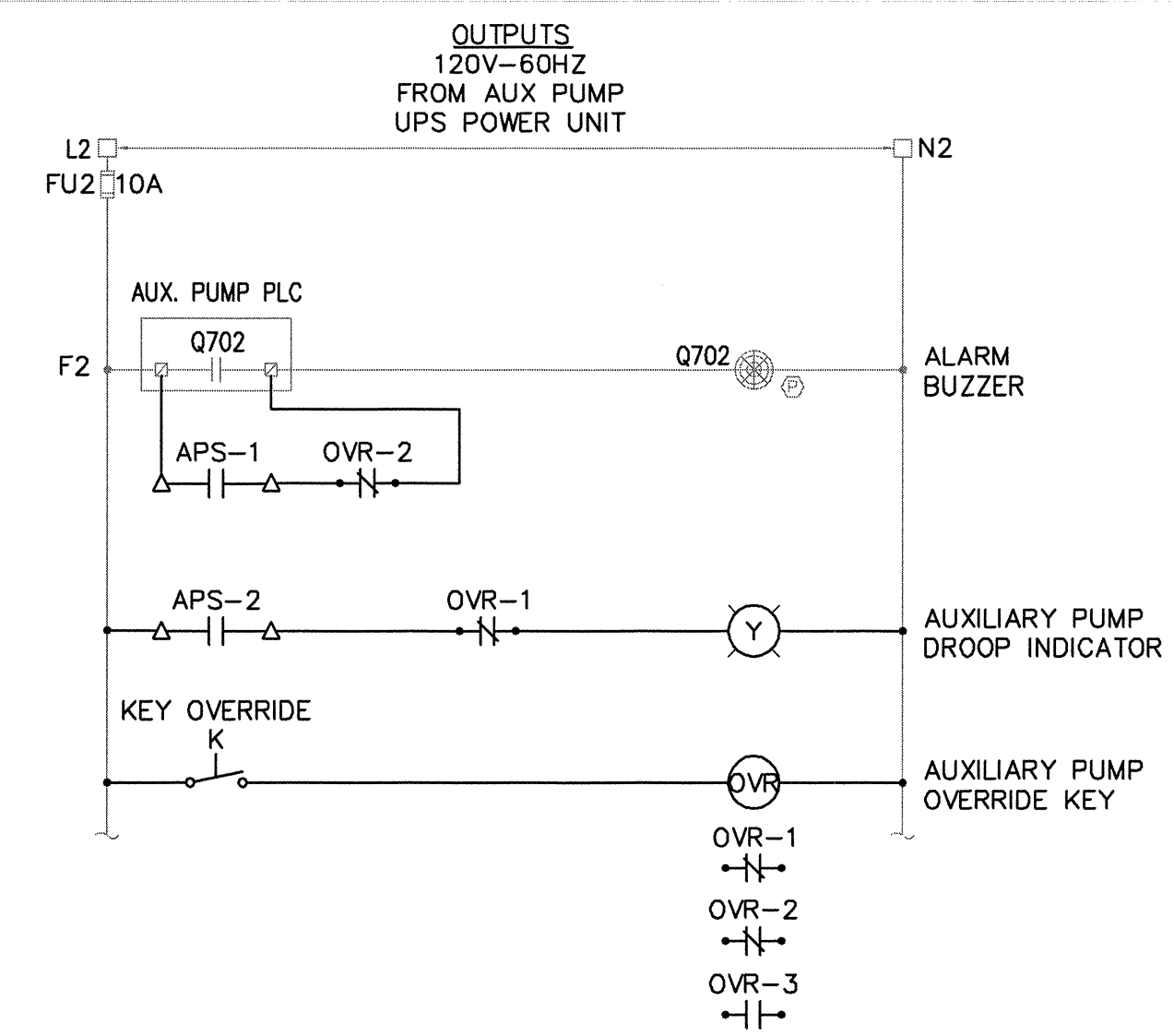
1  
E400

EXISTING AUXILIARY PUMP CONTROL PANEL ELEVATION

NOT TO SCALE

NOTE

PROVIDE NEW TERMINAL BLOCKS ATTACHED TO EXISTING DIN RAIL IN AUXILIARY PUMP CONTROL CABINET TO ALLOW FOR CONNECTION OF NEW DEVICES.




2  
E400

EXISTING AUXILIARY PUMP PLC CONTROL MODIFICATIONS

NOT TO SCALE

PANELBOARD SCHEDULE									
JOB NO./NAME	1-14-205/ ESQUIMALT GRAVING DOCK								
PANEL	2SB								
SYSTEM	120/208V, 3PH, 4W								
TYPE	CDP								
LOCATION	PUMPHOUSE								
MOUNTING	SURFACE								
NO. CIRCUITS	66								
BUS SIZE	200A								
SYM. FAULT RATING	10kA								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
PUMP FL LIGHTING NE	-	1	01	02	1	-	PENSTOCK CONTROL PANEL		
PUMP FL LIGHTING NW	-	1	03	04	1	-	PUMP FL LIGHTING (S)		
OUTSIDE BRACKET LIGHTS N/NE	-	1	05	06	1	-	OUTSIDE BRACKET LIGHTS (S)		
DESK POWER	-	1	07	08	1	-	EAST FLUORESCENTS		
LUNCH ROOM LIGHTS	-	1	09	10	1	-	OUTSIDE BRACKET LIGHTS (SW)		
PLC UPS	-	1	11	12	1	-	MOTOR FLOOR RECEPTACLES		
TUNNEL LIGHTING NORTH A	-	1	13	14	1	-	FIRE ALARM STROBES		
TUNNEL LIGHTING NORTH B	-	1	15	16	1	-	GARBAGE FA BOOSTER PANEL		
TUNNEL LIGHTS NORTH	-	1	17	18	1	-	FA STATION LOCATOR LIGHTS		
TUNNEL LIGHT NORTH (EM LTS)	-	1	19	20	1	-	CCTV CONTROL BOOTH		
ACOUSTICAL CONTROL BOOTH	-	1	21	22	1	-	CCTV CONTROL BOOTH		
SHOP LIGHTING	-	1	23	24	1	-	MSCADA UPS		
SHOP LIGHTING	-	1	25	26	1	-	PENSTOCK CONTRL RM. REC.		
SHOP LIGHTING	-	1	27	28	1	-	PENSTOCK CONTRL RM FL LT		
LOCKER ROOM	-	1	29	30	1	-	ELEVATOR SHAFT LIGHTING		
ELEVATOR SHAFT LIGHTING	-	1	31	32	1	-	MAIN GATE LIGHTING		
RECEPTACLE BELOW PANEL	-	1	33	34	1	-	EAST BUMOER LIGHTING		
PENSTOCK LIGHTING AND REC.	-	1	35	36	1	-	FIRE ALARM CONTROL PANEL		
EAST HALIDE FLOOR LIGHTS	-	1	37	38	3	-	SEWAGE PUMP #14		
10kVA UPS	-	2	39	40					
			41	42					
TEL ROOM CCTV CAB	-	1	43	44	1	-	PENSTOCK RECEPTACLE		
SCADA CAB	-	1	45	46	1	-	PENSTOCK LIGHTING		
WEST HALIDE LIGHT	-	1	47	48	1	-	CONTROL BOOTH COMPUTER		
EAST SODIUM LIGHT	-	1	49	50	2	-	HOT WATER		
MOTOR FL RECEPTACLE	-	1	51	52					
WEST SODIUM LIGHT	-	1	53	54	1	-	SCADA CAB		
OUTSIDE LIGHT PHOTOCCELL	-	1	55	56	1	-	OVERHEAD DOOR		
CLOCK POWER	-	1	57	58	1	-	PUMPHOUSE FL STAIR LIGHTS		
			59	60	1	15	AUX. GATE CONTROL PANEL		
			61	62					
			63	64					
			65	66					


PANELBOARD SCHEDULE									
JOB NO./NAME	1-14-205/ ESQUIMALT GRAVING DOCK								
PANEL	2SB								
SYSTEM	120/208V, 3PH, 4W								
TYPE	CDP								
LOCATION	PUMPHOUSE								
MOUNTING	SURFACE								
NO. CIRCUITS	42								
BUS SIZE	225A								
SYM. FAULT RATING	10kA								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
PANEL '2SB'	-	3	01	02	3	-	HYDROLIC PUMPS		
			03	04					
			05	06					
SPARE	-	3	07	08	3	-	#5 AIR COMPRESSOR		
			09	10					
			11	12					
PANEL '2SR'	-	3	13	14	3	-	SUMP PUMP		
			15	16					
			17	18					
#3 AIR COMPRESSOR	-	3	19	20	2	-	PANEL '2S/'		
			21	22					
			23	24	3	-	PANEL '2SE'		
NORTH JETTY #15 LIFT STATION	-	3	25	26					
			27	28					
			29	30	3	-	PANEL '2SQ'		
AUX. PANEL HYDRAULIC POWER PACK	30	3	31	32					
			33	34					
			35	36					
			37	38					
			39	40					
			41	42					



Public Works and  
Government Services  
Canada

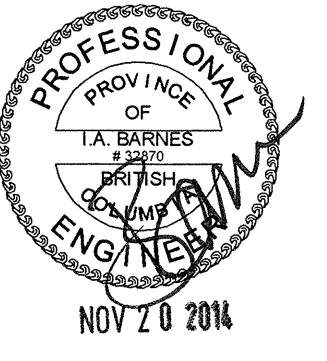
Travaux publics et  
Services gouvernementaux  
Canada

REAL PROPERTY SERVICES  
Pacific Region  
SERVICES IMMOBILIERS  
Région de Pacifique



Victoria Office  
**AES**  
APPLIED ENGINEERING  
SOLUTIONS LIMITED

AES PROJECT NUMBER: 1-14-205



PROFESSIONAL  
ENGINEER  
NOV 20 2014

5				
4				
3				
2	ISSUED FOR TENDER	2014-11-20		
1	ISSUED FOR 99% REVIEW	2014-11-10		
0	ISSUED FOR 66% REVIEW	2014-09-24		
Revision/	Description/Description	Date/Date		
Client/client				
<b>ESQUIMALT GRAVING DOCK</b>				
825 ADMIRALS ROAD ESQUIMALT, B.C., V9A 2P1				
Project title/Titre du projet				
<b>PENSTOCK GATE AND CYLINDER REFURBISHMENT INSTALL AUXILIARY SAFETY GATE</b>				
Consultant Signature Only				
Designed by/Concept par IAB				
Drawn by/Dessine par JB				
PWGSC Project Manager/Administrateur de Projets TP5GC JOHN SISKKA				
Regional Manager, Architectural and Engineering Services Gestionnaire régionale, Services d'architectural et de génie, TP5GC				
Drawing title/Titre du dessin				
<b>AUXILIARY PUMP CONTROL PANEL ELEVATION AND ELECTRICAL SERVICE PANEL SCHEDULES</b>				
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.		
R.016116.098 R.016116.114	E400 OF			