



115KV EQUIPMENT		
ITEM	CO NO	DESCRIPTION
49	GBR 2487	POWER CIRCUIT BREAKER,ABB,123KV,2000A CONT,40KA INT
50	GBR 2832	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT
51	GBR 1261	POWER CIRCUIT BREAKER,MCG,121KV,2000A CONT,63KA INT
52	GBR 1920	POWER CIRCUIT BREAKER,SEA,230KV,3000A CONT,40KA INT
53	GBR 1922	POWER CIRCUIT BREAKER,SEA,230KV,3000A CONT,40KA INT
54	GBR 2036	POWER CIRCUIT BREAKER,MIT,242KV,3000A CONT,42KA INT
55	GBR 2213	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,40KA INT
56	GBR 2214	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,40KA INT
57	GBR 2212	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,40KA INT
58	GBR 2709	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,50KA INT
59	GBR 2710	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,50KA INT
60	GBR 2711	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,50KA INT
61	---	DISC SWITCH,SAL,115KV,2000A,CSB,3PST
62	---	DISC SWITCH,PAS,115KV,2000A,CSB,3PST
63	---	DISC SWITCH,ACM,115KV,1600A,CSB,3PST,W/GND BLADES
64	---	DISC SWITCH,ACM,115KV,1600A,CSB,3PST
65	---	DISC SWITCH,SAL,115KV,1200A,CSB,3PST,W/GND BLADES
66	---	DISC SWITCH,SAL,115KV,1200A,CSB,3PST
67	---	DISC SWITCH,REM,115KV,1200A,CSB,3PST
68	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
69	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
70	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
71	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
72	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
73	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
74	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
75	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
76	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
77	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
78	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
79	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
80	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
81	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
82	PTX 1529	CAPACITOR VOLTAGE TRANSFORMER,HFT,66KV-115V
83	XRT 1529	PHASE REACTOR,TRE,115KV,2.0 MH,300A CONT
84	XRT 1529	PHASE REACTOR,TRE,115KV,2.0 MH,300A CONT
85	XRT 1529	PHASE REACTOR,TRE,115KV,2.0 MH,300A CONT
86	XRT 1529	PHASE REACTOR,TRE,115KV,2.0 MH,300A CONT
87	XRT 1529	PHASE REACTOR,TRE,115KV,2.0 MH,300A CONT
88	XRT 1529	PHASE REACTOR,TRE,115KV,2.0 MH,300A CONT
89	GBR 1331	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT
90	GBR 1331	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT
91	GBR 1331	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT
92	GBR 1331	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT
93	GBR 1331	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT
94	GBR 1331	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT
95	GBR 1331	POWER CIRCUIT BREAKER,MIT,123KV,2000A CONT,40KA INT

230KV EQUIPMENT		
ITEM	CO NO	DESCRIPTION
1	LFR 1490	AUTOTRANSFORMER,HYU,195/260/325 MVA,230/117/13.2 KV,3PH,LTC
2	LFR 1490	AUTOTRANSFORMER,HYU,195/260/325 MVA,230/117/13.2 KV,3PH,LTC
3	GBR 2413	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,40KA INT
4	GBR 1921	POWER CIRCUIT BREAKER,SEA,230KV,3000A CONT,40KA INT
5	GBR 1920	POWER CIRCUIT BREAKER,SEA,230KV,3000A CONT,40KA INT
6	GBR 1922	POWER CIRCUIT BREAKER,SEA,230KV,3000A CONT,40KA INT
7	GBR 2036	POWER CIRCUIT BREAKER,MIT,242KV,3000A CONT,42KA INT
8	GBR 2213	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,40KA INT
9	GBR 2214	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,40KA INT
10	GBR 2212	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,40KA INT
11	GBR 2709	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,50KA INT
12	GBR 2710	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,50KA INT
13	GBR 2711	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,50KA INT
14	GBR 2711	POWER CIRCUIT BREAKER,MIT,230KV,3000A CONT,50KA INT
15	---	DISC SWITCH,PAS,230KV,3000A,VB,3PST
16	---	DISC SWITCH,ACM,230KV,1600A,CSB,3PST,W/GND BLADES
17	---	DISC SWITCH,SAL,230KV,2000A,CSB,3PST
18	---	DISC SWITCH,SAL,230KV,2000A,CSB,3PST
19	---	DISC SWITCH,REM,230KV,1600A,CSB,3PST
20	---	SURGE ARRESTER,192KV RATED,METAL OXIDE
21	---	SURGE ARRESTER,172KV RATED,METAL OXIDE
22	---	SURGE ARRESTER,90KV RATED,METAL OXIDE
23	PTX 1117	VOLTAGE TRANSFORMER,GEL,138KV-115V
24	PTX 1118	VOLTAGE TRANSFORMER,GEL,138KV-115V
25	PTX 1119	VOLTAGE TRANSFORMER,GEL,138KV-115V
26	PTD 233	CAPACITOR VOLTAGE TRANSFORMER,WES,138KV-115V
27	PTD 234	CAPACITOR VOLTAGE TRANSFORMER,WES,138KV-115V
28	PTD 235	CAPACITOR VOLTAGE TRANSFORMER,WES,138KV-115V
29	PTX 1455	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
30	PTX 1454	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
31	PTX 1704	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
32	PTX 1273	CAPACITOR VOLTAGE TRANSFORMER,HFT,138KV-115V
33	PTX 1450	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
34	PTX 1451	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
35	PTX 1452	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
36	PTX 1453	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
37	PTX 1638	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
38	PTX 1628	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
39	PTX 1636	CAPACITOR VOLTAGE TRANSFORMER,TR,138KV-115V
40	CTX 1039	CURRENT TRANSFORMER,SDC,230KV,400 X 800:5A,SR
41	CTX 1038	CURRENT TRANSFORMER,SDC,230KV,400 X 800:5A,SR
42	CTX 1037	CURRENT TRANSFORMER,SDC,230KV,400 X 800:5A,SR
43	CTX 1042	CURRENT TRANSFORMER,SDC,230KV,400 X 800:5A,SR
44	CTX 1041	CURRENT TRANSFORMER,SDC,230KV,400 X 800:5A,SR
45	CTX 1040	CURRENT TRANSFORMER,SDC,230KV,400 X 800:5A,SR
46	---	STATION SERVICE TRANSFORMER,225KVA,13.2KV-240V,3PH,240/120V,1PH
47	---	FUSE MOUNTING,GEL,115KV,21 MVAR,GROUNDING WYE
48	---	FUSE,GEL,115KV,21 MVAR,GROUNDING WYE

*FOREMEN: VERIFY CO NO'S AND INCLUDE SERIAL NUMBERS OF ALL NEW EQUIPMENT ON FOREMANS COPY

FOR CONSTRUCTION ONLY
 1 - W.O. #111016865
 3 - W.O. #101069682
 4 - W.O. #101069792
 5 - W.O. #101069789
 6 - W.O. #101069619
 KASSIDY WARREN
 (425-457-5339) EXT 81-5339
 CELL (206-375-1417)

REVISION DESCRIPTION:		CREATE FROM DWG. 000076-3922 SH.01 REV 00	
DESIGNED	K. WARREN	11 / 14 / 11	STATION ONE LINE DIAGRAM SEDRO WOOLLEY SUBSTATION
DRAWN	P. FARBEN	11 / 14 / 11	
CADD			SUBSTATION ENGINEERING DEPARTMENT
CHECKED			
APPROVED			DRAWING NO 000076-3922
FILED			
			REV NO 01