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4		
3		
2	ISSUED FOR TENDER	2014/11/20
1	ISSUED FOR 90% REVIEW	2014/11/10
0	ISSUED FOR 60% REVIEW	2014/09/29
Revision/	Description/Description	Date/Date

Client/Client

**ESQUIMALT
GRAVING DOCK**

825 ADMIRALS ROAD
ESQUIMALT, B.C., V9A 2P1

Project title/Titre du projet

**PENSTOCK GATE AND
CYLINDER REFURBISHMENT
INSTALL AUXILIARY SAFETY GATE**

Consultant Signature Only

Designed by/Concept par

KU/MGCS/TMW

Drawn by/Dessiné par

PHU SEP2014

PWGSC Project Manager/Administrateur de Projets TP50C

JON SISK

Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architecture et de génie, TP50C

Drawing title/Titre du dessin

**AUXILIARY TUNNEL SLIDE GATE
HYDRAULIC SCHEMATIC**

Project No./No. du
projet

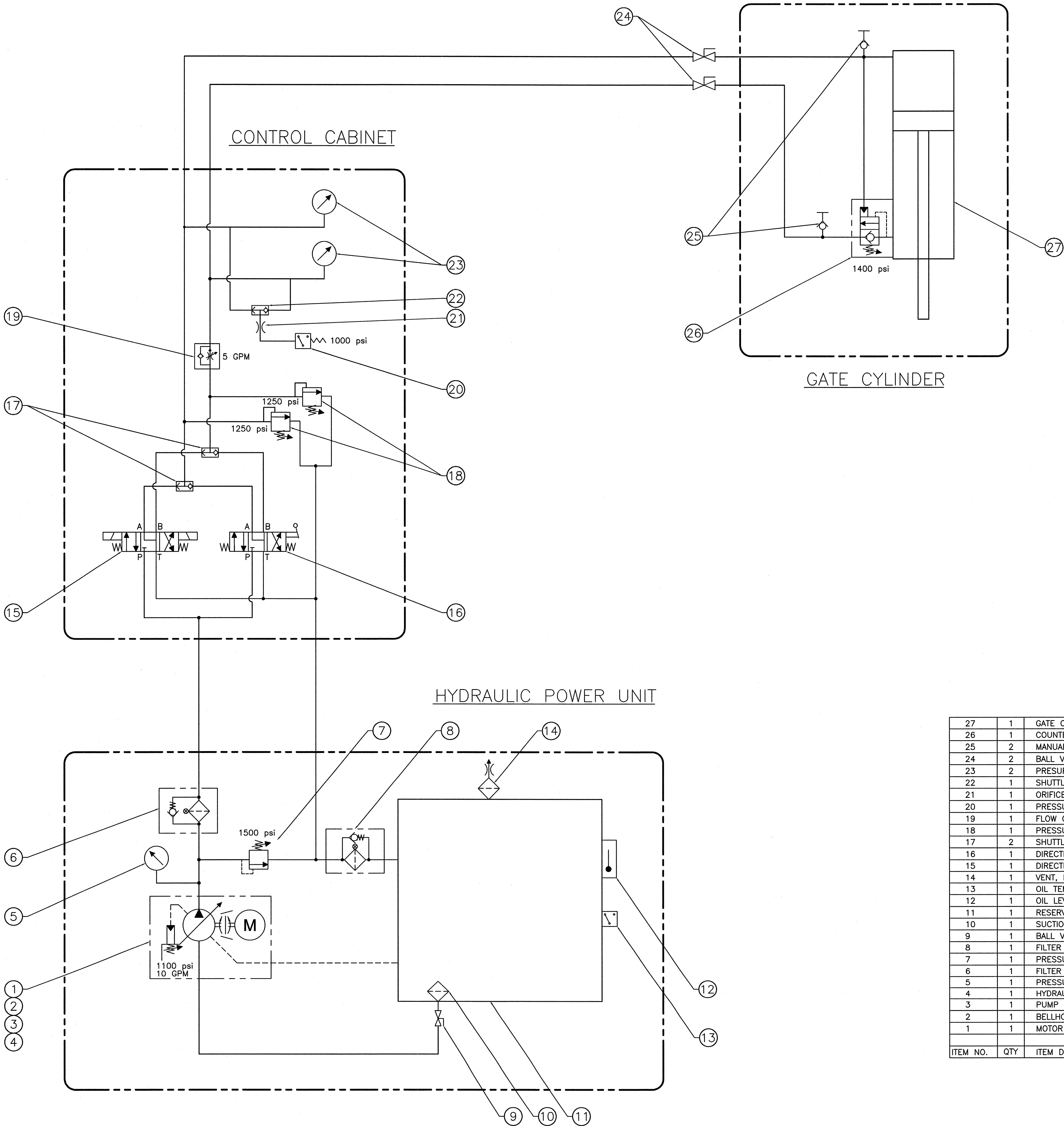
R.016116.098
R.016116.114

Sheet/Feuille

11
OF 11

Revision no./
La Révision
no.

2



27	1	GATE CYLINDER - 89mm BORE X 1400mm STROKE X 64mm ROD
26	1	COUNTERBALANCE VALVE
25	2	MANUAL BLEED VALVE - ATMOSPHERIC VENT
24	2	BALL VALVE - LOCKABLE
23	2	PRESSURE GAUGE - 2000 PSI (140 BAR)
22	1	SHUTTLE VALVE
21	1	ORIFICE - SNUBBING
20	1	PRESSURE SWITCH
19	1	FLOW CONTROL - PRESSURE COMP. C/W REVERSE FREE FLOW
18	1	PRESSURE RELIEF VALVE - WORK PORT
17	2	SHUTTLE VALVE
16	1	DIRECTIONAL CONTROL VALVE - MANUALLY ACTUATED
15	1	DIRECTIONAL CONTROL VALVE - ELECTRICALLY ACTUATED
14	1	VENT, FILTERED
13	1	OIL TEMPERATURE SWITCH - 180°F (82°C)
12	1	OIL LEVEL AND TEMPERATURE INDICATOR
11	1	RESERVIOR
10	1	SUCTION STRAINER
9	1	BALL VALVE - LOCKABLE
8	1	FILTER - LOW PRESSURE C/W BYPASS AND
7	1	PRESSURE RELIEF VALVE - EMERGENCY
6	1	FILTER - HIGH PRESSURE C/W BYPASS AND INDICATOR
5	1	PRESSURE GAUGE - 3000 PSI
4	1	HYDRAULIC PUMP - PRESSURE COMPENSATING
3	1	PUMP SHAFT COUPLER
2	1	BELLHOUSING/PUMP MOUNT
1	1	MOTOR - 10HP, 1750 RPM, 575V, TEFC
ITEM NO.	QTY	ITEM DESCRIPTION