

The diagram is divided into two main sections: **FLOW PROCESS** and **SITE LAYOUT**.

FLOW PROCESS: This section illustrates the wastewater treatment sequence. It begins with **CAMP EFFLUENT (RAW SEWAGE)** entering a **LIFT STATION (FIBERGLASS TANK) (EQ TANK)**. From the lift station, the flow proceeds to an **OVERFLOW TANK (FIBERGLASS TANK)**. The main line from the lift station leads to a **RBC** (Rotary Biological Contactor) unit, which includes a **BLOWER FOR DIGESTER & RBC ADDITIONAL AERATION**. The output from the RBC is **PUMPED W.A.S. (WASTE SLUDGE)** into a **WASTE SLUDGE TANK (C CAN)**. There are also overflow paths: **OVERFLOW TO O.F. TANK** from the lift station and **FUTURE OVERFLOW TO O.F. TANK** from the main line. A **DISCHARGE LINE TO TUNDRA** is shown exiting the system.

SITE LAYOUT: This section shows the physical arrangement of the components. It includes a **LIFT STATION** and an **OVERFLOW** area, corresponding to the tanks described in the flow process.

SITE LAYOUT

LIFT STATION
(EQ TANK)

OVERFLOW
TANK

RBC

DIGESTER

20' C CAN

BLOWER

ELEVATIONS

Diagram illustrating the elevations of a sewer line and associated structures:

- SEWAGE DISCHARGE LINE
- FUTURE LIFT STATION TO MBR (POSSIBLE EQ TANK FOR RBC)
- GRAVITY OVERFLOW TO O.F. TANK
- GRAVITY OVERFLOW TO RBC
- GRAVITY OVERFLOW TO O.F. TANK
- RBC
- LAKE

				SANITHERM #100 - 340 BROOKSBANK AVE, NORTH VANCOUVER, BC, V7J 2C1, CANADA TEL: (604) 986-9168 E-MAIL: SANENG@SANITHERM.COM FAX: (604) 986-5377 WEBSITE: WWW.SANITHERM.COM		PROJECT BOSTON CAMP				PROJ. NO.		
						CLIENT HOPE BAY MINING					REV. NO. 0	
						TITLE WASTEWATER TREATMENT						
REVISION	DATE	DESCRIPTION				DRAWN BY K.C.D.		CHECKED BY		DATE 25-SEP-08	SCALE N.T.S.	DWG. NO.