NORTH

EXIST. 6"ø PVC WATERMAIN

EXIST. AIR RELEASE VALVE

EXIST. 8"ø CONC. SEWER AND 48"ø MH 70

EXIST. CAP & THRUST BLOCK

LIMIT OF CONTRACT

PALLEY ROAD

EXIST. TRAILER

OUTFALL PIPE AT 0.41% SLOPE

EXISTING BROOK (MAX. HIGH WATER LEVEL EL. 39.0)

60"ø MANHOLE

12"ø CONC. PIPE

18"ø CONC. OUTFALL PIPE INVERT EL. 38.75 FOR DETAIL SEE DRAWING 7

CHLORINE CONTACT CHAMBER

42"ø MANHOLE

15' OF 12"ø CONC. PIPE

4"ø PVC BLDG. DRAIN

EXISTING 125' NSPC RIGHT OF WAY

PROPERTY BOUNDARY

62.6'

59.3'

8"

6.0'

63.2'

58.3'

43.9

43.7

48.0

72'

4"

TOP OF PATCH

2" THICK CLAY PATCH OVER THE EXPOSED INSITU SAND LENSE ON THE SLOPES

EXISTING HAULING ROAD

14"x14"X14" TEE C/W THRUST BLOCK AND 14"ø GATE VALVE

14"X20" INCREASER

14"x14"X10" TEE C/W THRUST BLOCK AND 14"ø GATE VALVE

14"X20" INCREASER

14"ø FORCEMAIN

10"ø FORCEMAIN

CELL 3
10 AERATORS

FLOOR EL. 20'

FLOOR EL. 18'

TOE OF SLOPE

20"ø 90° BEND C/W CONC. THRUST BLOCK

TOP OF PIPE 43.66

8"

2" THICK CLAY PATCH OVER THE EXPOSED INSITU SAND LENSE IN THE FLOOR

60'

INVERT 36.5

20"ø FORCEMAIN

18"ø INLET

12" THK. QUARRY RUN AT LAGOON INLETS TYP.

4:1 SLOPE

TOE OF 3:1 SLOPE

EXIST. TOWER

NEW TOE OF SLOPE

CELL 1
FLOOR EL. 20'
48 AERATORS (SHROUDED)

4:1 INTERIOR SIDE SLOPES TYP. ALL LAGOONS

MAXIMUM LIQUID LEVEL EL. 43.5

41.5

75' OF 8"ø D.I. PIPE AT INV. EL. 41.0 WITH 8"ø GATE VALVE AND BOX

SLUICE GATE

30'

69' OF 18"ø CONC. PIPE AT 1.16% SLOPE

20 AERATORS
CELL 2
FLOOR EL. 20'

8' HIGH CHAIN LINK FENCE TYP.

HAULING ROAD

ASPHALT SPILLWAY

TOE OF 3:1 SLOPE

No.	Description	Date	By
04	RECORD DRAWING	APR.8/91	SG
03	ISSUED FOR CONSTRUCTION	AUG.3/89	JCN
01	ISSUED FOR APPROVAL	AUG.3/89	JCN

Revision or Issue

Record drawing

Date Apr. 8 ..... 19 91

Approved ..... P.Eng

MUNICIPALITY OF EAST HANTS
REGIONAL POLLUTION CONTROL SCHEME

AERATOR LAYOUT

CBCL Limited
Consulting Engineers

Municipality of East Hants
Date: Sept. 24/91

Please Note:
⇒ This information is provided for general reference only.
⇒ This is not representative of any other section of piping.
⇒ Changes may have been made since this plan.
⇒ Location should be verified in the field.

Scale 1"=50'

Date	Drawn
JULY, 1989	DB
Designed I.G.	Checked J. deC.	Approved
Contract No 86549B	Sheet of 8/ 9
Drawing No 8	Revision