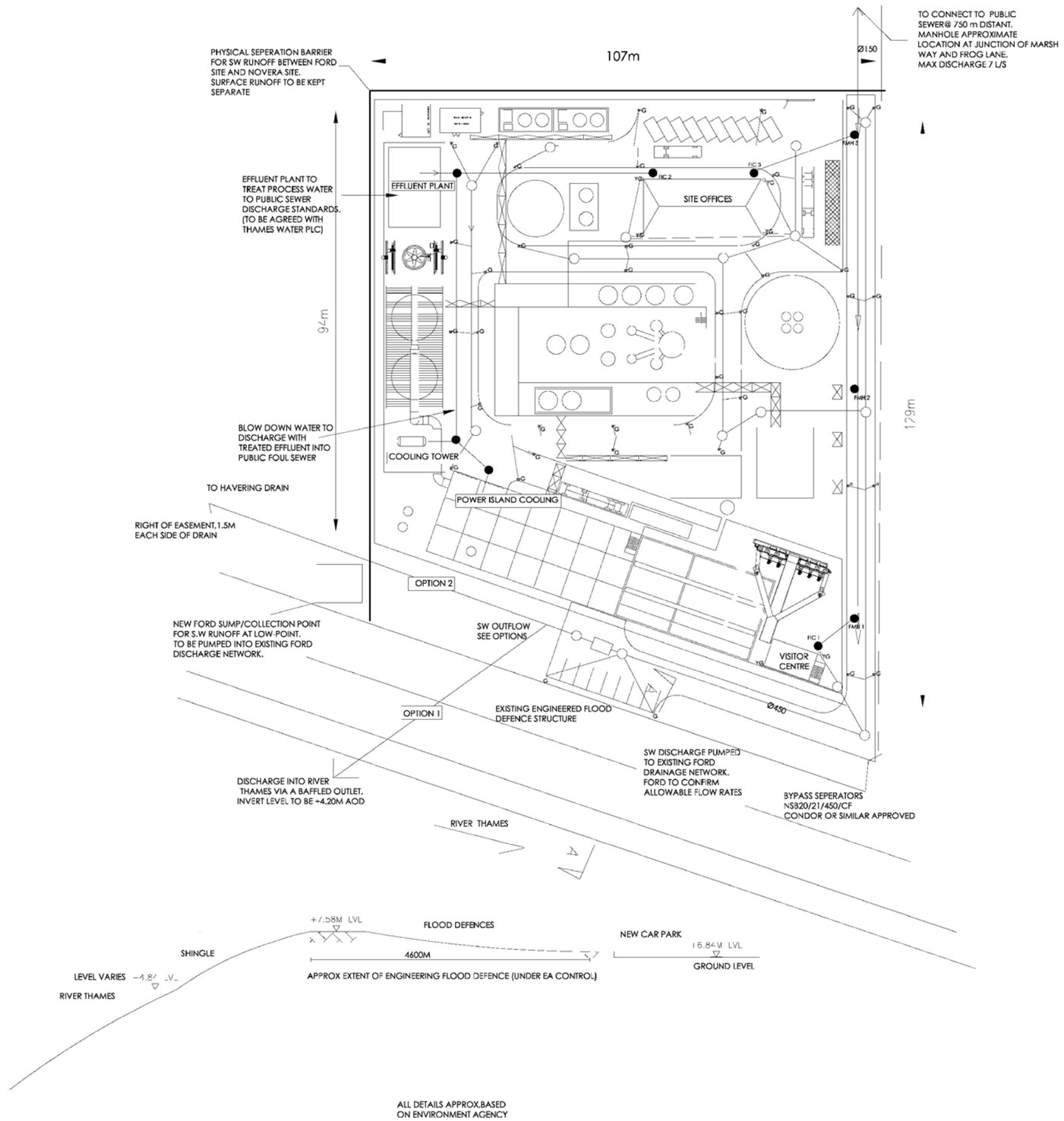

ALL DETAILS APPROX.BASED ON ENVIRONMENT AGENCY

SECTION VIEW A:A SHOWING FLOOD DEFENCES

N

Key:

DESCRIPTION			COOLING TOWER BLOWDOWN	POWER ISLAND	EFFLUENT PLANT
VOLUMETRIC FLOWRATE	MIN	m³/h	0	0	2.70
	Av	m³/h	1.62	0.30	0.02
	MAX	m³/H	10	20	

OPTION 1-TO RIVER THAMES

1.)DRAINAGE DIRECTLY INTO THAMES VIA ENGINEERING SEWER THROUGHT EMBAMKMENT.
2.)NON-RETURN VALVE
3.)INVERT AT OUTFALL OF+4.20M
4.)PIPE SIZED FOR 1:100YR RAINFALL EVENT.(PIPE SIZE APPROX 450mm DIAMETER)
5.)IN THE EVENT OF RIVER LOCKING,TEMPORARY RAIN STORAGE TO BE ON SITE SURFACE.

OPTION 2-

TO HAVERING DRAIN
1.)DISCHARGE INTO HAVERING DRAIN
2.)SITE STORM STORAGE OF UP TO 500M³ TO BE PROVIDED

novera energy

Sustainable Energy Facility
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Approved:

Revisions:

Date:
10.10.05

Drawn by:
K Ricketts

Scale:
N.T.S @ A3

Client:
Novera Energy

Job:
Sustainable Energy Facility
East London

Drawing Title:
Figure 12.2a
Drainage Plan for Consultation (Sheet 1 of 2)

Drawing Number:
JER2943-Fig 12.2a