











- LEGEND (BELOW GROUND DRAINAGE)**
-  PROPOSED FOUL WATER DRAINAGE
 -  PROPOSED SURFACE WATER DRAINAGE
 -  PROPOSED INTERNAL MH
 -  PROPOSED POROUS PAVING TANK
 -  PROPOSED ATTENUATION TANK
 -  PROPOSED DRAINAGE FOR THE RETAINING WALL PILE DRAINS
 -  PROPOSED GATIC CHANNEL WITH EXTERNAL ACCESS BOX
 -  PROPOSED VENTILATION PIPE
 -  SITE BOUNDARY OUTLINE
 -  PILING WALL OUTLINE



- NOTES**
- For General Drainage Notes refer to drawing HYD-LC01-SW-XX-DR-C-52010
 - For Drainage Specification refer to HYD-LC01-SW-XX-SPE-C-52000

POROUS PAVING

- CONTRIBUTING AREA	1,376m ²
- POROUS PAVEMENT SUBBASE AREA	1,376m ²
- SUBBASE STORAGE DEPTH	350mm
- SUBBASE STORAGE VOLUME	144m ³
- COVER LEVEL	49.30m AOD
- BASE LEVEL	48.70m AOD
- TANK COVER LEVEL	49.05m AOD

ATTENUATION TANK

- SUPPLIER	WAVIN
- SIZE	1450m ² x 1.6m = 2320m ³
- WATER VOLUME	2,200m ³ (95% VOIDS)
- GROUND LEVEL	49.30m AOD
- TOP TANK LEVEL	48.60m AOD
- BASE TANK LEVEL	47.00m AOD
- COVER	700mm
- DUTY	AQUACELL CORE-R

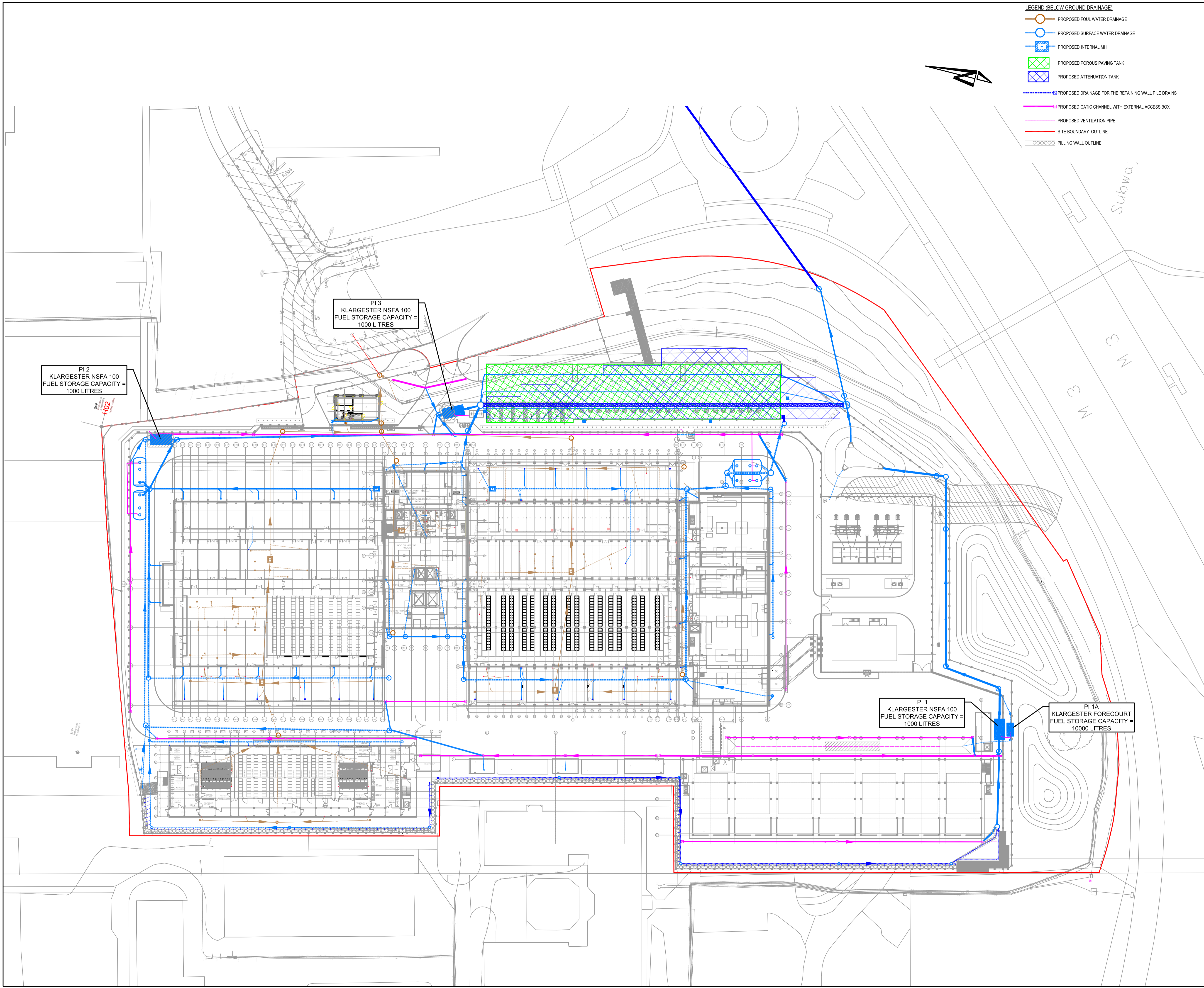
OUTFALL RESTRICTED TO HYDROBRAKE TO 13.0l/s

2x 4no. 100Ø VENTING PIPES TO BE CONNECTED TO CATCHPIT CHAMBERS FITTED WITH VENTED COVERS

ATTENUATION POND

- TOP LEVEL	49.30m AOD
- MAX WATER LEVEL	48.45m AOD
- BASE LEVEL	47.45m AOD
- SIDE SLOPE	1:2
- MIN STORAGE PROVIDED	76m ³
- CATCHMENT AREA	6,700m ²

OUTFALL RESTRICTED BY 300Ø PIPE
PVC LINER TO POND BASE



PI 2
KLARGESTER NSFA 100
FUEL STORAGE CAPACITY =
1000 LITRES

PI 3
KLARGESTER NSFA 100
FUEL STORAGE CAPACITY =
1000 LITRES

PI 1
KLARGESTER NSFA 100
FUEL STORAGE CAPACITY =
1000 LITRES

PI 1A
KLARGESTER FORECOURT
FUEL STORAGE CAPACITY =
10000 LITRES

REV	REVISION NOTES/COMMENTS	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

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ARK DATA CENTRES **swt** PROJECTS

CLIENT
LONGCROSS PARK

TITLE
PROPOSED SITE WIDE DRAINAGE STRATEGY

HYDROCK PROJECT NO. 21162	SCALE @ A1 1:500
STATUS DESCRIPTION	STATUS
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	REVISION