

Appendix 2

DO NOT SCALE - IF IN DOUBT ASK



22 Station Road
Cambridge CB1 2JD

NOTES

- ALL DIMENSIONS AND ALL LEVELS IN METRES UNLESS SHOWN OTHERWISE.
- TOPOGRAPHICAL DATA OF EXISTING SITE ARE BASED ON LIDAR TILE LIDAR-DTM-2m-2022-SU49SW OBTAINED FROM DEFRA.
- SLOPE GRADIENTS ARE GIVEN AS VERTICAL IN HORIZONTAL, E.G. 1:2 MEANS 1V IN 2H.
- ALL WORKS SHOWN ARE TEMPORARY. THE SITE IS TO BE RETURNED TO ITS CURRENT CONDITION WITHIN ONE EARTHWORKS SEASON. ALL IMPORTED MATERIALS SHALL BE REMOVED FROM THE SITE AND ALL GROUND REINSTATED FOR THE SITE TO BE RETURNED TO AGRICULTURAL USE.
- THE ELEVATION OF THE TOP OF THE KIMMERIDGE CLAY AND THE THICKNESS OF THE TOPSOIL HAVE BOTH BEEN ESTIMATED BASED ON HISTORICAL GROUND INFORMATION (GI) AT NEARBY LOCATIONS. FURTHER GI IS PROPOSED FOR COMPLETION IN AUTUMN 2023 TO CONFIRM STRATA THICKNESS AT THE BORROW PIT LOCATION. ALL EARTHWORKS QUANTITIES AND THEREFORE BORROW PIT/EMBANKMENT/STOCKPILE DIMENSIONS ARE TO BE CONFIRMED AT THAT TIME.

REFERENCE DRAWINGS

- J696-DN-A01A-ZZZZ-DR-GE-100002 COMPACTION TRIAL - COMPACTION TRIAL SECTIONS
- J696-DN-A01A-ZZZZ-DR-GE-100003 COMPACTION TRIAL - BORROWPIT SECTIONS
- J696-DN-A01A-ZZZZ-DR-GE-100004 COMPACTION TRIAL - STOCKPILE

LEGEND

- HAUL ROAD
- SITE COMPOUND
- WATER STORAGE AND TREATMENT/MANAGEMENT AREA
- STRIPPED TOPSOIL
- SHALLOW KIMMERIDGE CLAY (1.8mbgl to 3mbgl)
- INTERMEDIATE KIMMERIDGE CLAY (3mbgl to 7mbgl)
- DEEP KIMMERIDGE CLAY (7mbgl to 10mbgl)
- EXTENT OF BORROW PIT
- EXTENT OF SUPERFICIAL EXCAVATION
- EXTENT OF MINERAL TITLE
- REDLINE BOUNDARY

NOT FOR CONSTRUCTION

CURRENT REVISION INFORMATION
ISSUED FOR COORDINATION

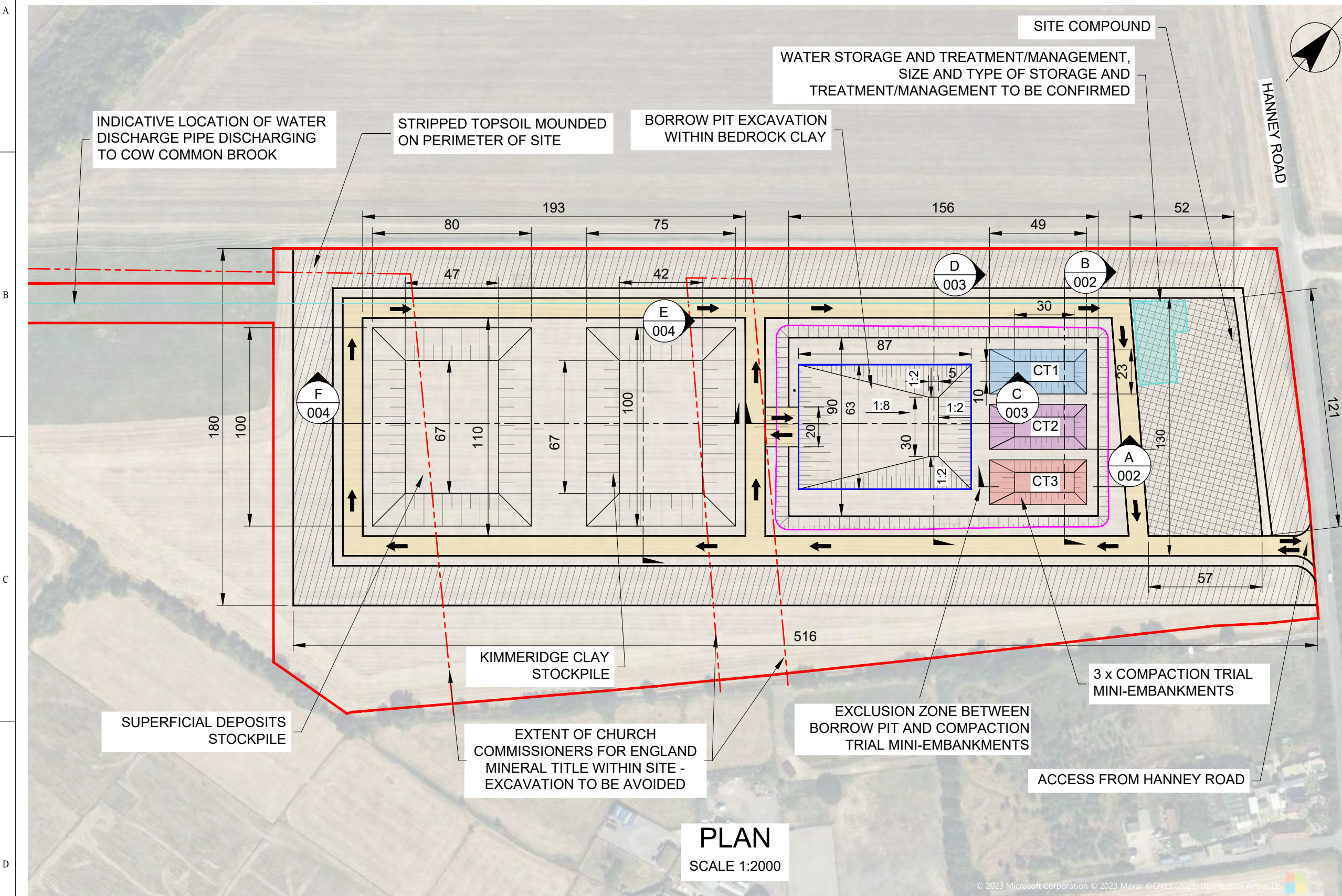
Revision	Status	Suitability	Description	Author	Checked	Reviewed	Date
P04	S3		WATER STORAGE LAYOUT REVISED	SSM	SP	RM	19/10/23
P03	S3		STOCKPILE DIMENSIONS REVISED	SSM	SS	MD	23/08/23
P02	S1		ISSUED FOR COORDINATION	SSM	DC	MD	15/08/23
P01	S1		DRAFT FOR ECI PROCUREMENT	MV	NM	MD	16/03/23

Thames Water Utilities
Clearwater Court, Vastern Road
Reading RG1 8DB

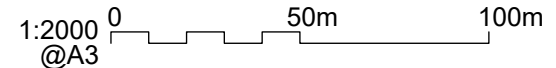
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Project Group:	Sub Process:	

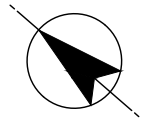
Location/Town: STEVENTON
Site Name: COMPACTION TRIAL SITE (HANNEY ROAD)
Project Name: J696 SOUTH EAST STRATEGIC RESERVOIR OPTION (SESRO)
Drawing Title: COMPACTION TRIAL - PLAN

Scale: 1:2000	Sheet Size: A3	Status: S3
Drawing Number: J696-DN-A01A-ZZZZ-DR-GE-100001	Revision: P04	



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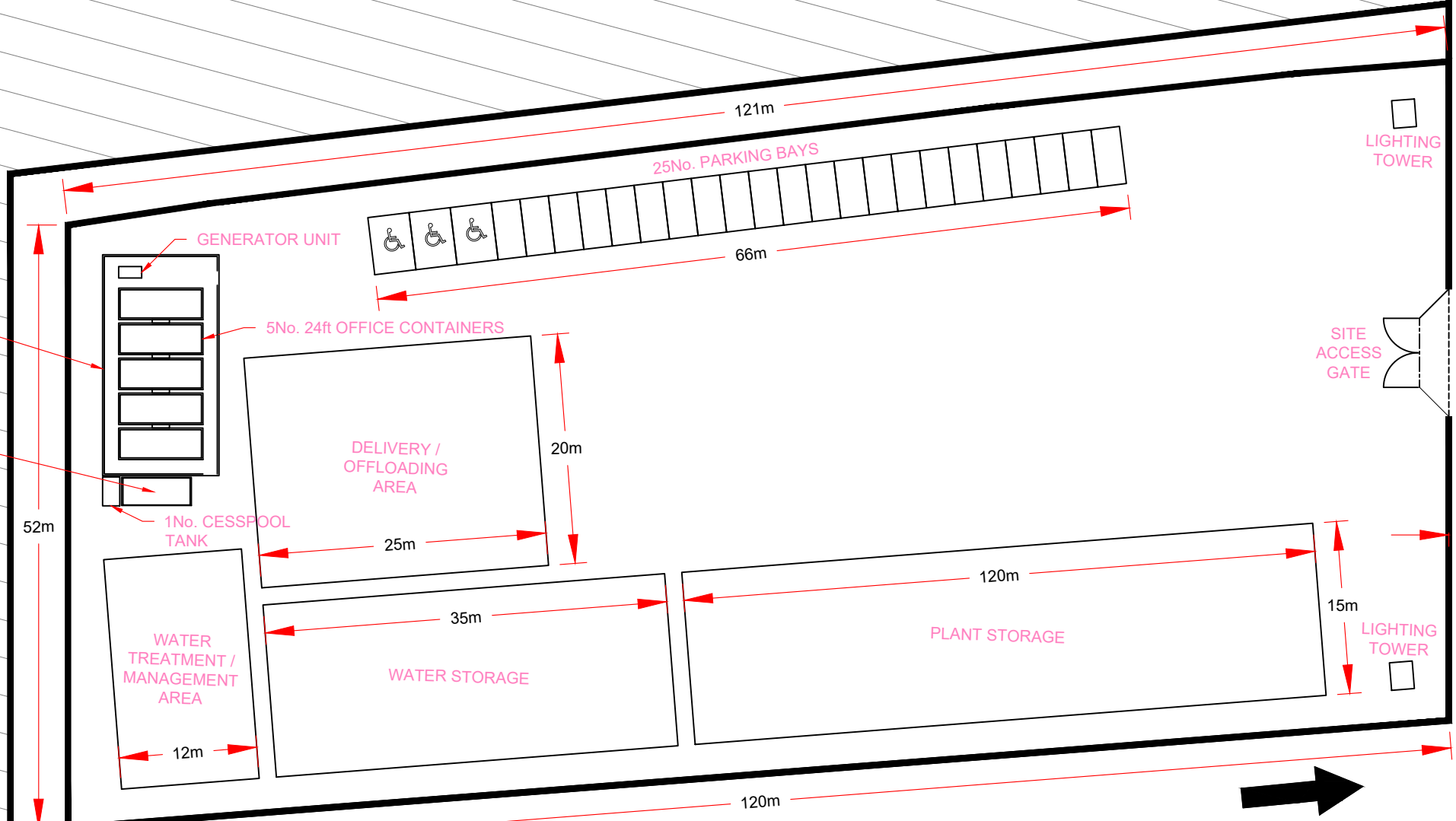




HANNEY ROAD

NOTES:

- 1. Do not scale from this drawing.
- 2. All dimensions are in metres (m) u.n.o.



52m

121m

66m

20m

25m

35m

12m

120m

15m

57m

10m

120m

WALKWAY & HANDRAILS

1No. 20ft STORAGE CONTAINER

GENERATOR UNIT

5No. 24ft OFFICE CONTAINERS

25No. PARKING BAYS

DELIVERY / OFFLOADING AREA

WATER TREATMENT / MANAGEMENT AREA

WATER STORAGE

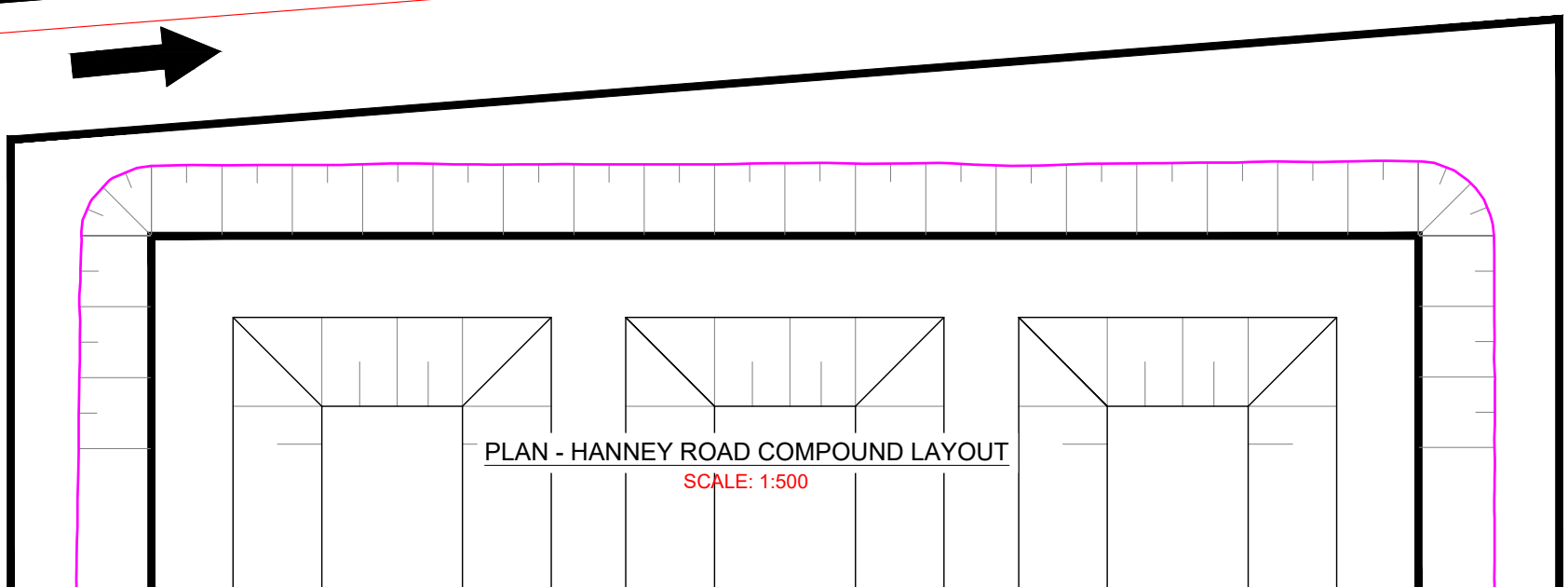
PLANT STORAGE

LIGHTING TOWER

SITE ACCESS GATE

LIGHTING TOWER

HAUL ROAD



PLAN - HANNEY ROAD COMPOUND LAYOUT
SCALE: 1:500

Rev.	Date	Description of Revisions	Drawn	Chk'd	App
P03	06.02.24	No. of Parking Bays increased to 25	TJ	MS	JB
P02	23.11.23	Coordinated with site plan	TJ	MS	JB
P01	16.11.23	First issue	TJ	MS	JB

PRELIMINARY

Contractor
Costain Ltd
Costain House
Vanwall Business Park
Maidenhead Berkshire SL6 4UB
Tel: 0203 465 9700



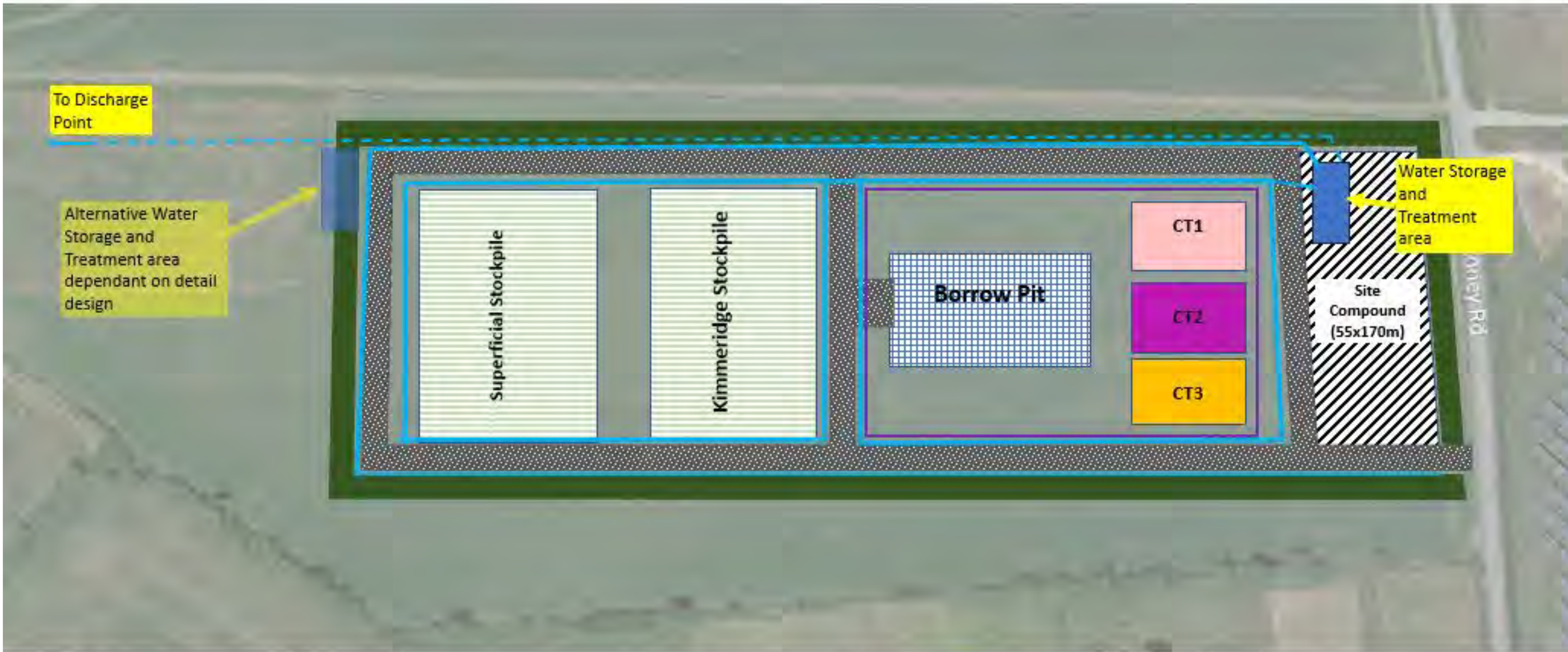
Client
Mott MacDonald Ltd
Mott MacDonald House
8-10 Sydenham Road
Croydon Surrey CRO 2EE
Tel: 0207 651 0300



Project Title
SESRO
Preliminary Clay Compaction Trial

Drawing Title
Indicative Typical Compound Layout

Drawn By	Name	T Jones	Sig.	Date	06.02.24
Chkd By	Name	M Surley	Sig.	Date	06.02.24
Aprvd By	Name	J Barratt	Sig.	Date	06.02.24
Scale	1:500@A3		SheetNo	1 of 1	
Drawing Number	J969-AE-A01A-ZZZZ-DR-CT-100001			Rev	P03



Notes:

- A Water Management system will be detail designed once all design information is received
- A perimeter cut off drain will be installed inside the topsoil bund
- Further cut off drains will be installed around the perimeter of the stockpile areas, borrow pit and clay compaction trial areas, and the compound.
- These cut off drains will be linked by cross drains and sumps etc where required and to suit falls.
- All ground water will be collected in a water storage area, approx. volume of 910m³ at current estimates.
- This ground water will be pumped into treatment facilities made up of a combination of Siltbuster treatments to remove suspended solids and any hydrocarbons.

Key:

- Cut Off Drainage
- Outlet to discharge point (Exact location TBA in accordance with Outfall Location Plan J969-DN-A01A-ZZZZ-DR-GE-100008)

