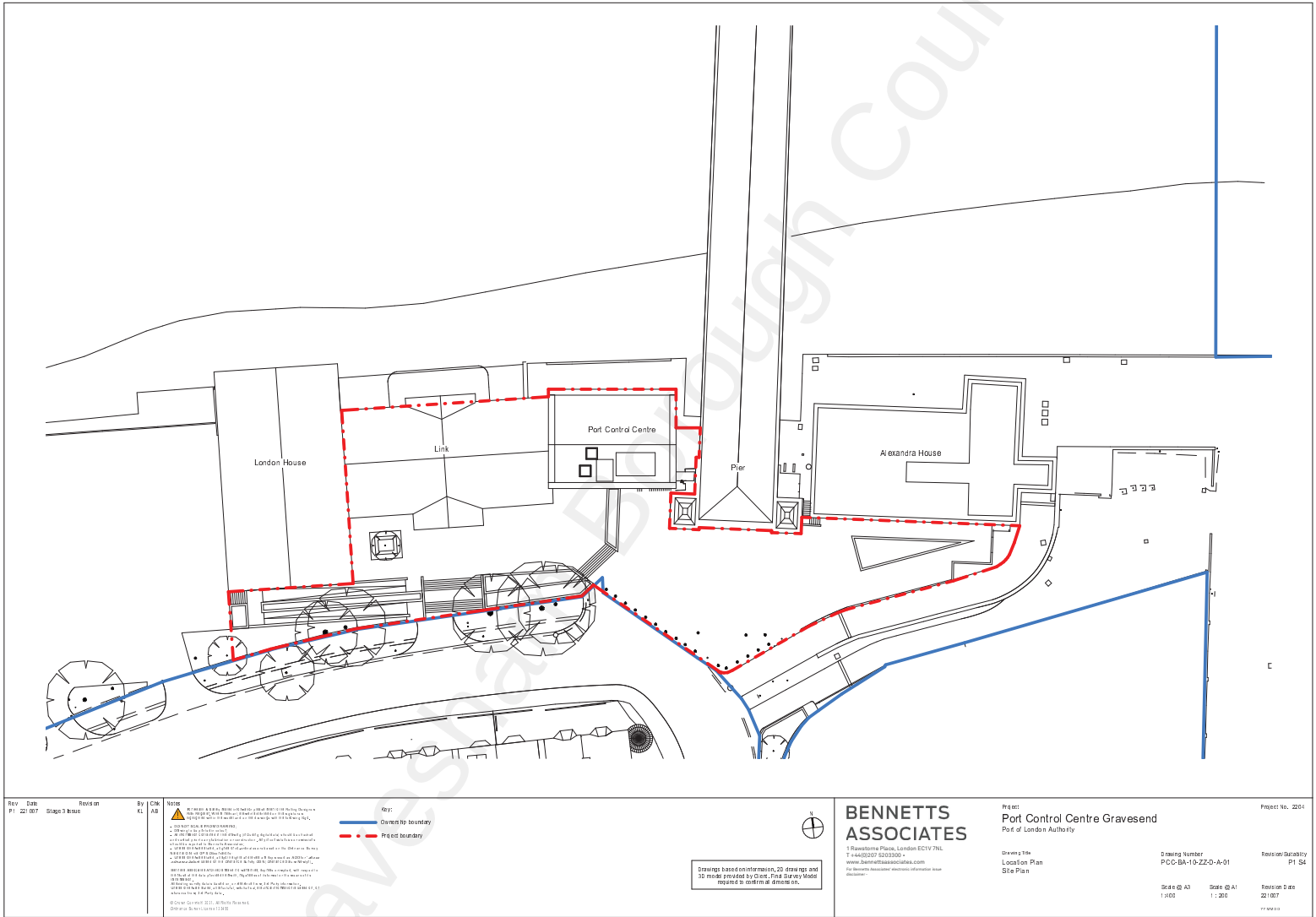
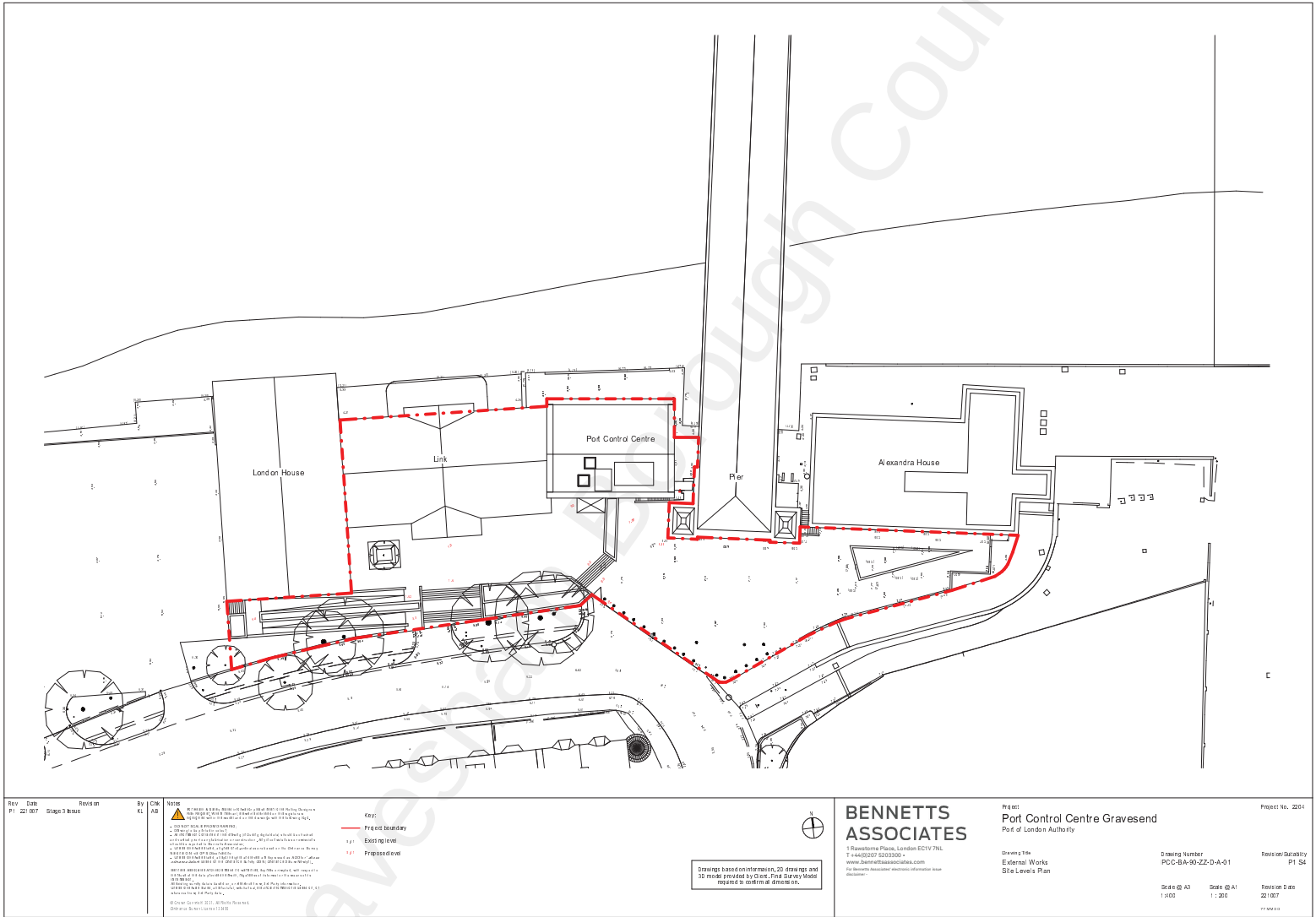




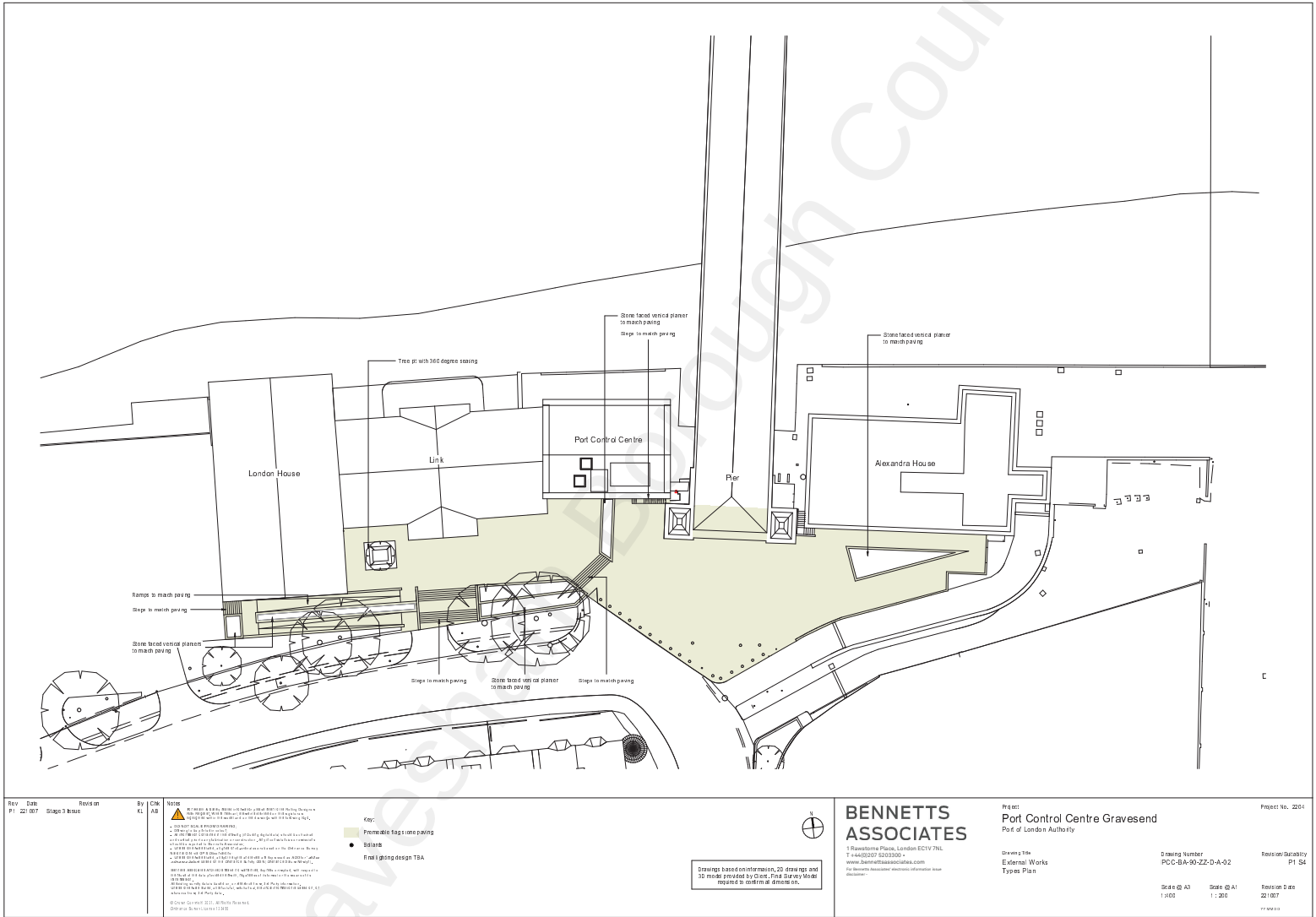
A1 Development Proposals

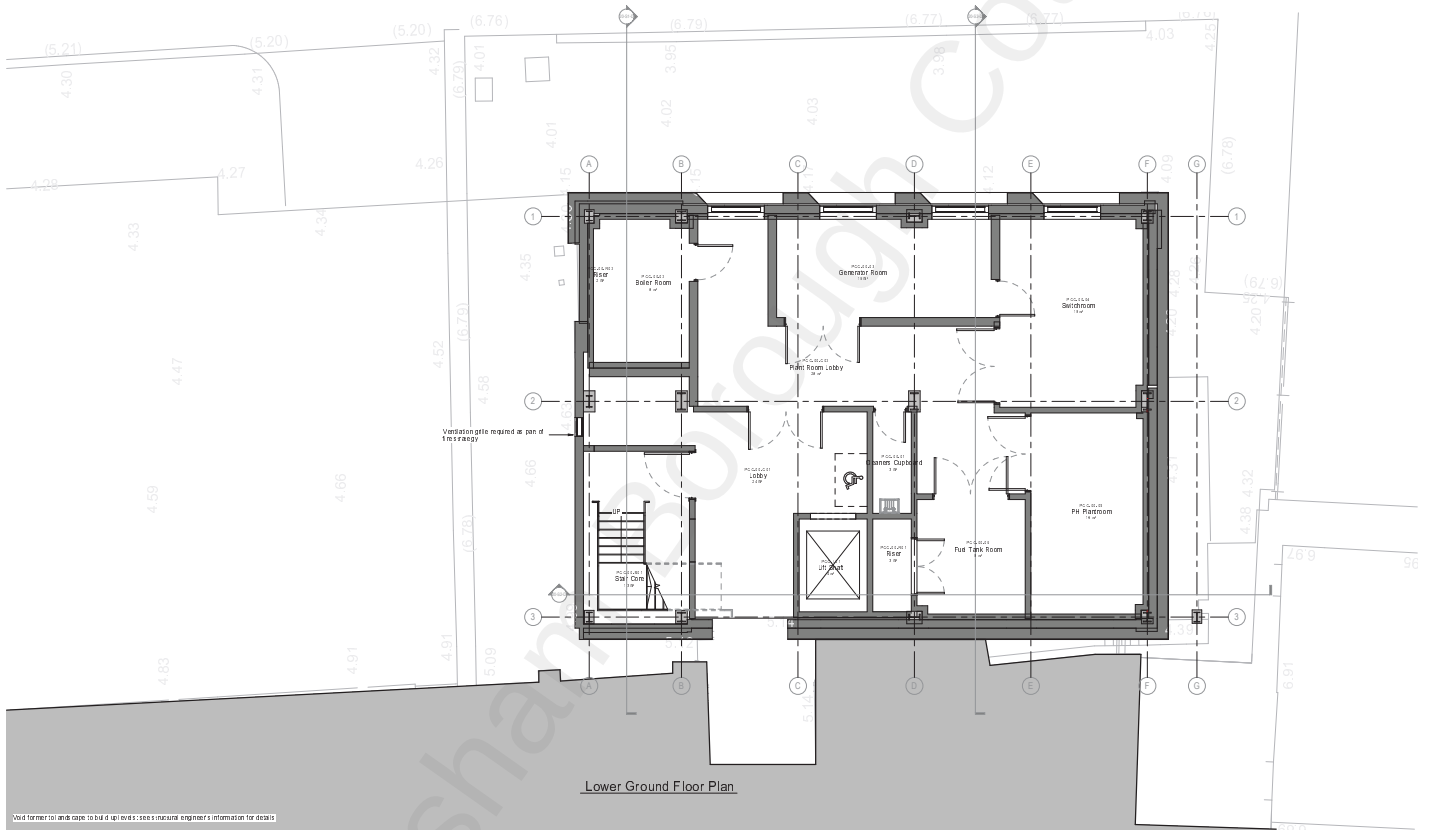
Gravesend Borough Council





Rev P1	Date 22/10/17	Revision Stage 3 Issue	By KL	Chk AB	Notes 1. This drawing is a preliminary design and should not be used for construction purposes without the approval of the design team. 2. The drawing is based on information provided by the client and is subject to change without notice. 3. The drawing is not to be used for any other purpose without the written consent of the design team. 4. The drawing is not to be used for any other purpose without the written consent of the design team. 5. The drawing is not to be used for any other purpose without the written consent of the design team.	Key: - - - - - Project boundary - - - - - Existing level - - - - - Proposed level		BENNETTS ASSOCIATES 1 Rawlinstone Place, London EC1V 7NL T +44(0)207 6203900 www.bennettsassociates.com	Project Port Control Centre Gravesend Port of London Authority	Project No. 2004
					Drawing title External Works Site Levels Plan	Drawing Number PCC-SA-90-ZZ-D-A-01	Revision/Saturation P1 S4	Scale @ A3 1:500	Scale @ A1 1:200	Revision Date 22/10/17





Rev	Date	Revised on	By	Chk	Notes
P1	22/08/20	WIP - 3rd Issue	KL	AB	As per design, 3D model provided by client. Final Survey data required to confirm all dimensions.
P2	22/08/20	WIP - 3rd Issue	KL	AB	As per design, 3D model provided by client. Final Survey data required to confirm all dimensions.
P3	22/08/20	WIP - 3rd Issue	KL	AB	As per design, 3D model provided by client. Final Survey data required to confirm all dimensions.
P4	22/08/20	Stage 3 Issue	KL	AB	As per design, 3D model provided by client. Final Survey data required to confirm all dimensions.



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T +44(0)207 6203900
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Project: Port Control Centre Gravesend
Port of London Authority

Drawing title:
General Arrangement
Lower Ground Floor Plan

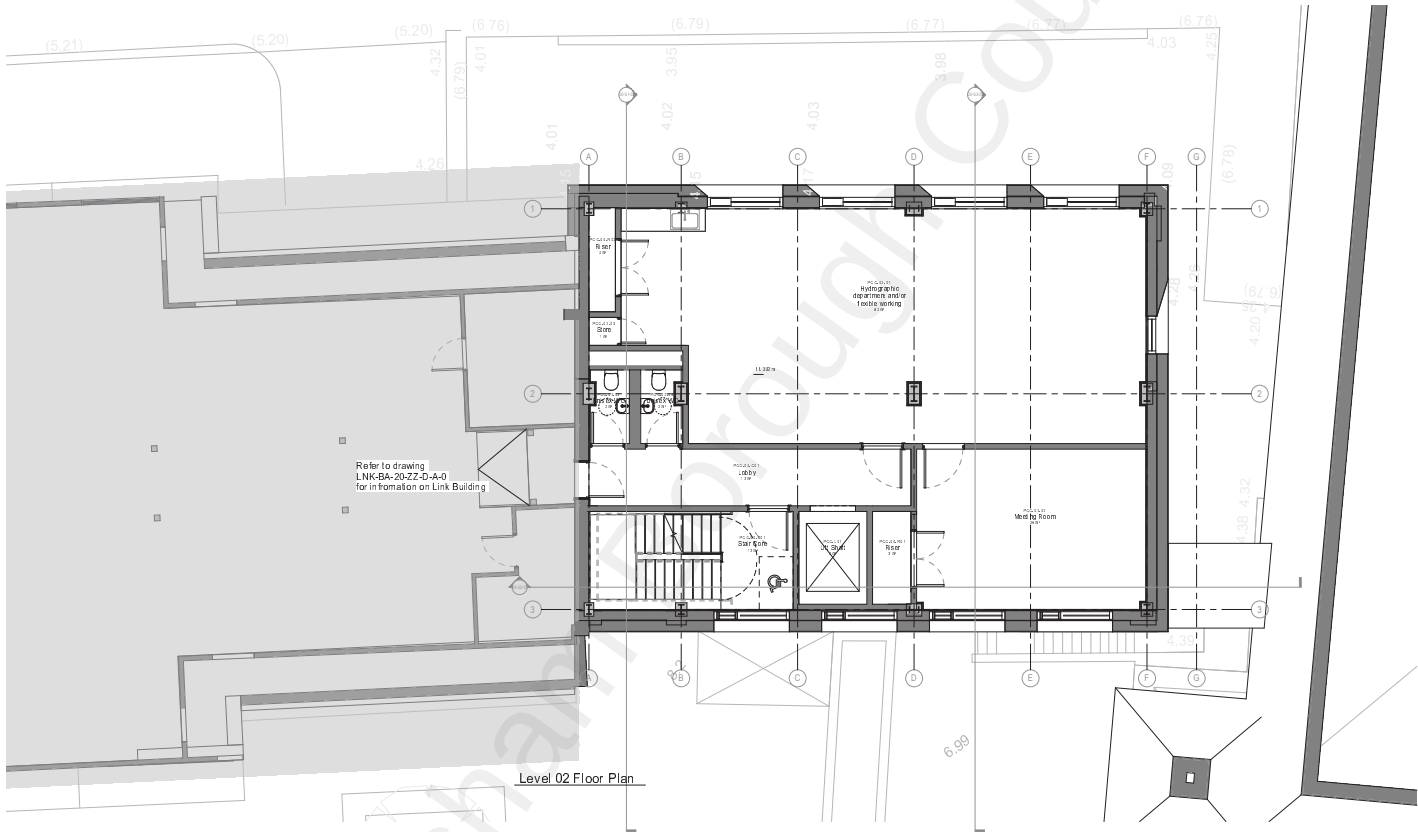
Drawing Number:
PCC-SA-20-LG-D-A-0

Project No.: 2204

Revision/Status:
P4 S4

Scale @ A3: 1:500
Scale @ A1: 1:50
Revision Date: 22/08/20

Drawings based on information, 3D drawings and 3D model provided by client. Final Survey data required to confirm all dimensions.



Rev	Date	Revised on	By	Che	Notes
P1	22/08/20	WPP - 0 gth Issue	KL	AB	Initial design of building, based on client brief and site constraints.
P2	22/08/20	WPP - 0 gth Issue	KL	AB	Initial design of building, based on client brief and site constraints.
P3	22/08/20	WPP - 0 gth Issue	KL	AB	Initial design of building, based on client brief and site constraints.
P4	22/08/20	WPP - 0 gth Issue	KL	AB	Initial design of building, based on client brief and site constraints.

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Project No.: 2004

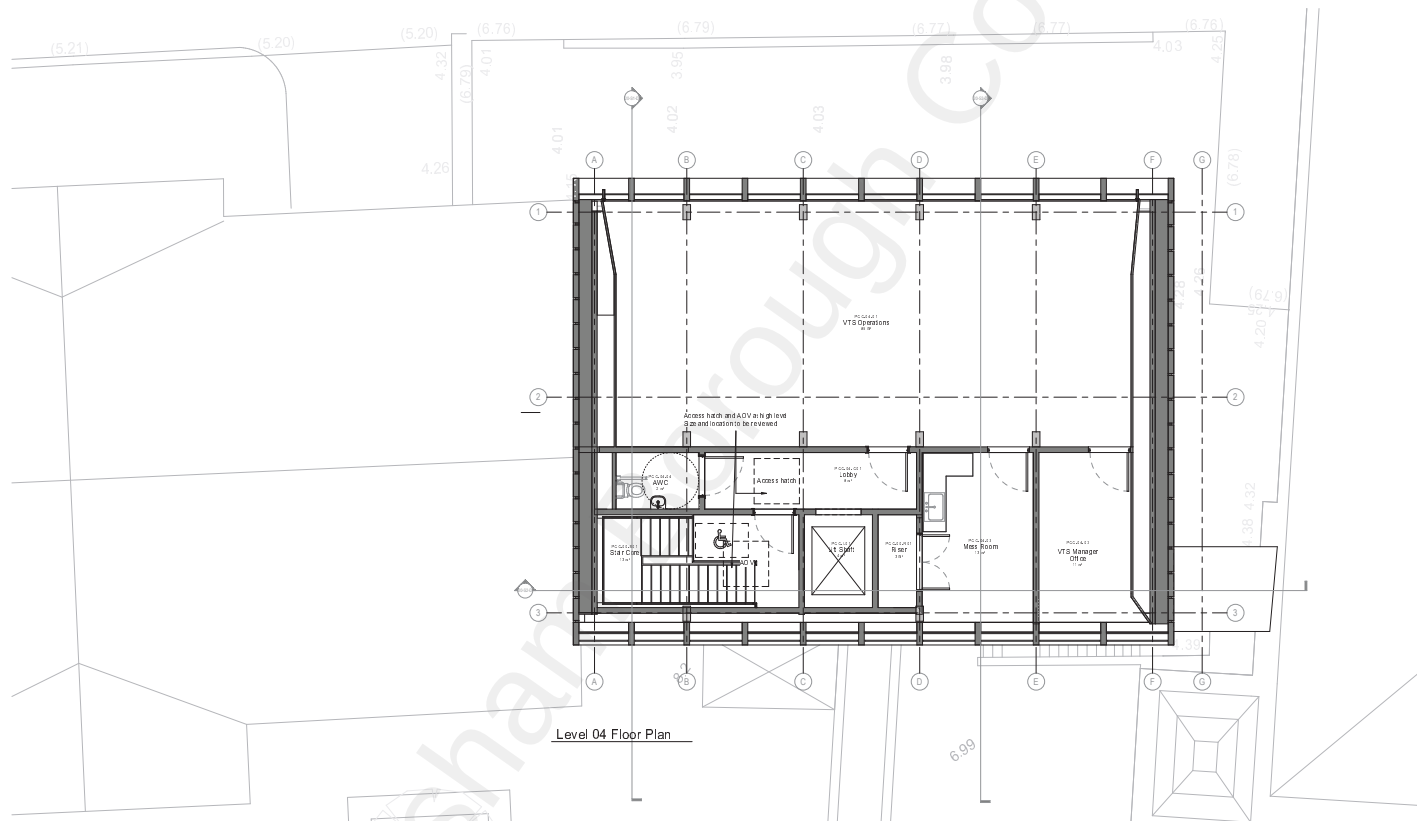
Drawing title:
General Arrangement
Level 2 Floor Plan

Drawing Number:
PCC-BA-20-12-D-A-0

Revision/Status:
P4 S4

Scale @ A3: 1:500
Scale @ A1: 1:50
Revision Date: 22/08/20

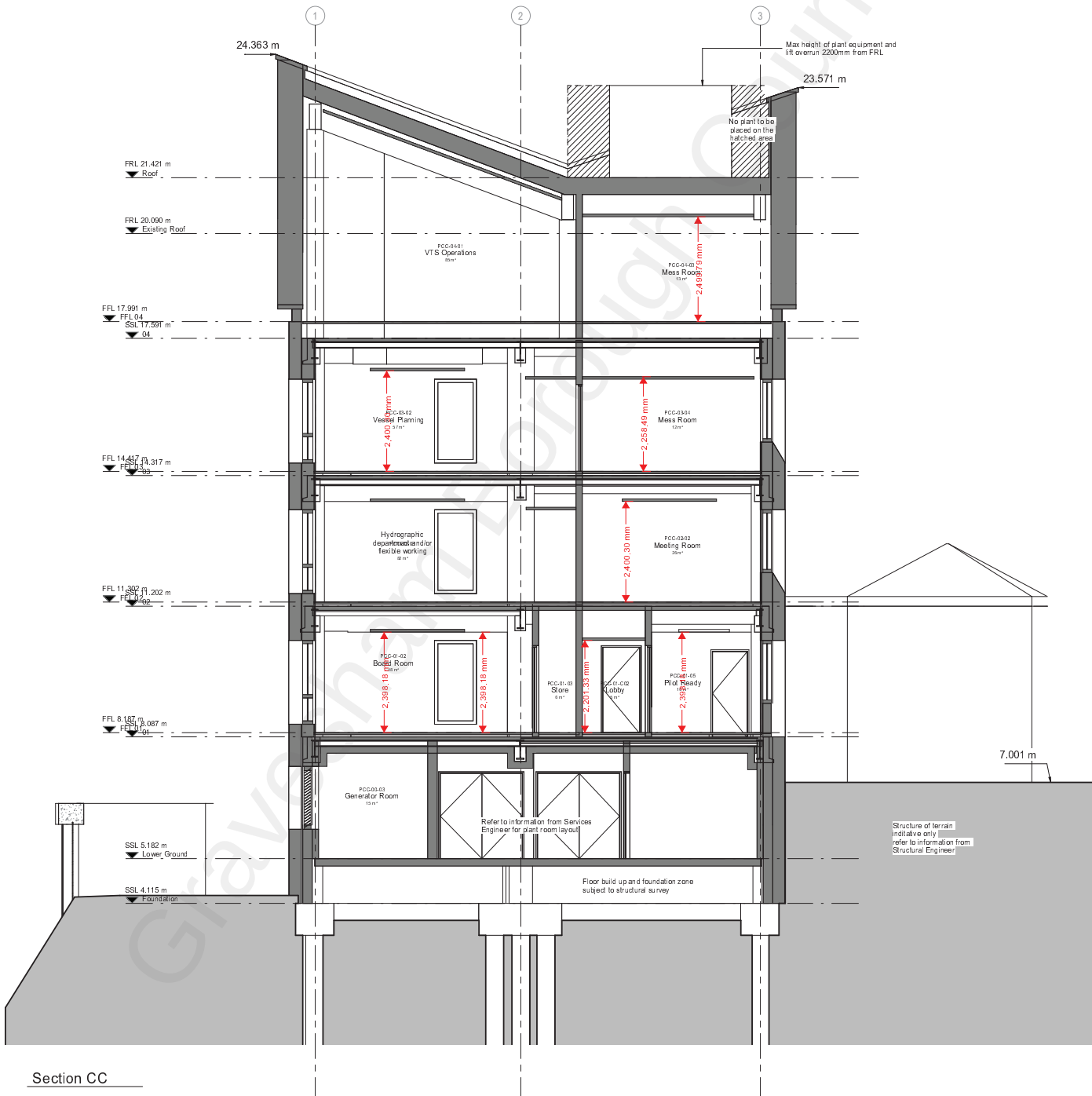
Drawings based on information, 2D drawings and 3D model provided by Client. Final Survey Model required to confirm all dimensions.

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Drawings based on information, 2D drawings and 3D model provided by Client. Final Survey Model required to confirm all dimension.

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Project		Project No. 2024
Port Control Centre Gravesend		
Port of London Authority		
Drawing Title		Revision/Utility
General Arrangement Level 4 Floor Plan		P4 S4
Drawing Number		Revision Date
PCC-BA-20-U4-D-A-0		21/08/23
Scale @ A3	Scale @ A1	
1 : 600	1 : 60	
P:\P\2023		



Section CC

Drawings based on information, 2D drawings and 3D model provided by Client. Final Survey Model required to confirm all dimensions.



Key:
Connection to neighbouring building

Rev	Date	Revision
P1	220916	WIP - Draft Issue
P2	220923	WIP - Draft Issue
P3	221007	Stage 3 Issue

By	Chk
KL	AB
KL	AB
KL	AB

Notes

- 1. All depth & survey related information shall refer to the following designations:
 - 1.1. FRL: Highest water level, determined by the tide gauge.
 - 1.2. SSL: Lowest water level, determined by the tide gauge.
 - 1.3. FFL: Highest water level, determined by the tide gauge.
 - 1.4. SSL: Lowest water level, determined by the tide gauge.
- 2. All information contained in the drawing (including digital data) should be checked and verified prior to any fabrication or construction. Any inconsistencies or omissions should be reported to Bennett's Associates.
- 3. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).
- 4. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).
- 5. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).
- 6. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).
- 7. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).
- 8. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).
- 9. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).
- 10. Unless otherwise stated, all work is to be carried out in accordance with the relevant British Standards (BS) and/or European Standards (EN).

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1 Rawatstone Place, London EC1V 7NL
T +44 (0)207 5203300
www.bennettsassociates.com
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disclosure

Project
Port Control Centre Gravesend
Port of London Authority

Drawing Title
General Arrangement
Section CC

Drawing Number
PCC-BA-20-S3-D-A-0

Scale @ A3
1:100

Scale @ A1
As indicated

Project No. 2204

Revision / Suitability
P3 S4

Revision Date
221007

YVW 00



A2 Breach Flood Mapping

Gravesend Borough Council



Modelled Peak Flood Levels (m AOD)		
Levels include total potential sea level change anticipated for '2080s' epoch (2070 - 2115)		
Measurement Point	1 in 200 Year Flood Event	1 in 1000 Year Flood Event
1	6.85	6.90
2	6.40	6.80
3	6.23	6.56
4	6.33	6.63
5	6.33	6.75
6	6.26	6.66
7	6.26	6.64

Legend

-  Site Boundary
-  Level Measurement Point
-  River Thames Downriver Tidal Breach Model (2018): 1 in 200 Year Event
-  River Thames Downriver Tidal Breach Model (2018): 1 in 1000 Year Event

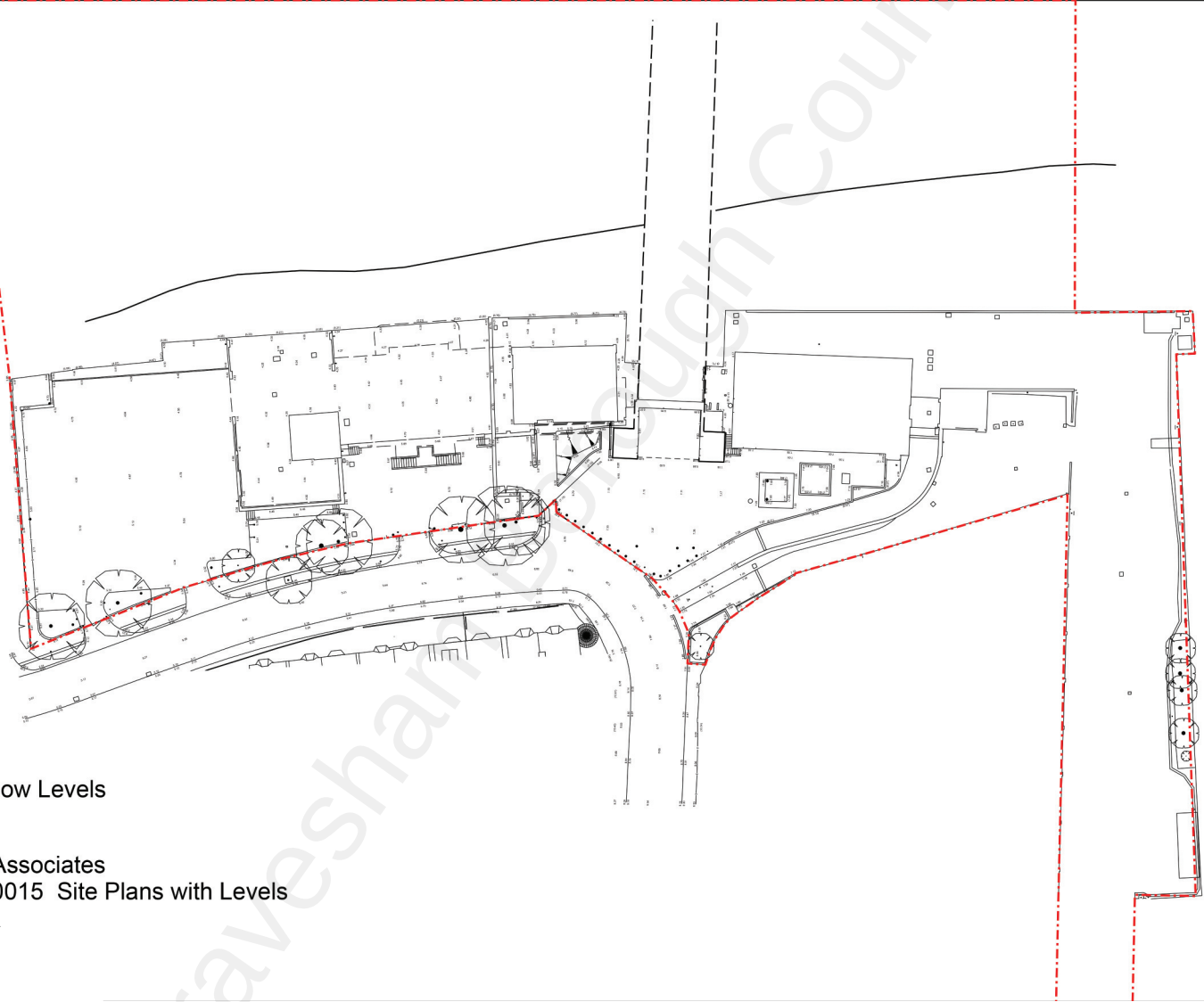


Google Maps (2022). Gravesend. Available at: <https://www.google.co.uk/maps/@51.444761,0.374107> (Accessed: 9th November 2022).



A3 Existing Levels Plan

Gravesend Borough Council



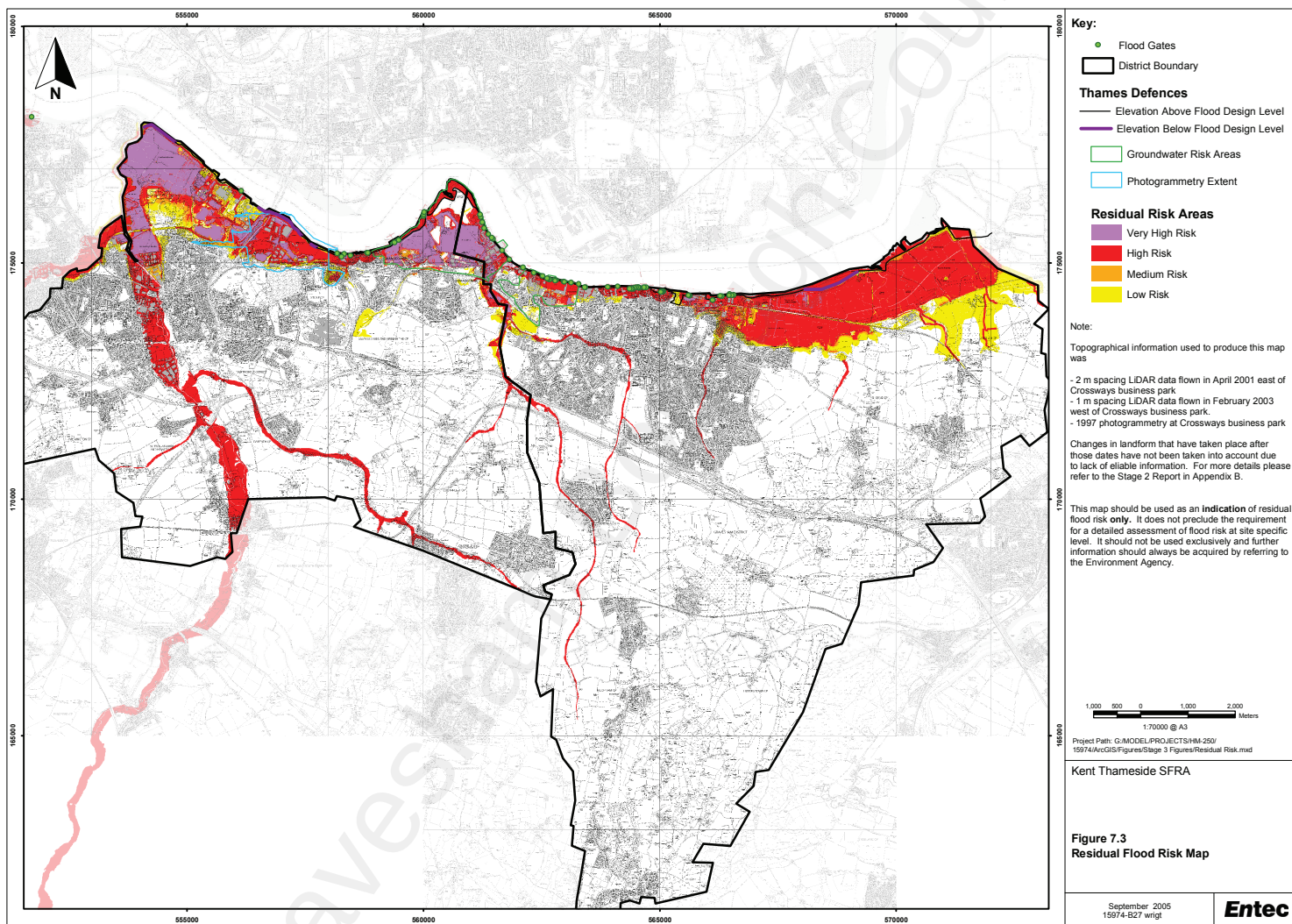
Existing Low Levels

Bennetts Associates
2204(SK)0015 Site Plans with Levels
Revision A
220923



A4 Strategic Flood Risk Assessment Figures

Gravesend Borough Council



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A5 Southern Water Asset Records

Gravesham Borough Council

[illegible][illegible][illegible]



A6 Port of London Authority Tide Tables

Gravesend Borough Council

CHART DATUMS & STANDARD LEVELS IN THE PORT OF LONDON

- 1. Chart Datum** is set to approximately the level of Lowest Astronomical Tide (L.A.T.)
- 2. Low Water levels** in the upper reaches of the tidal Thames are greatly affected by the land water flow at Teddington Weir. **They frequently fall below chart datum** when this flow is significantly reduced, typically during the summer months.
- 3. Maintained level** and chart datum above Richmond half tide weir are both 1.72 metres above Ordnance Datum (Newlyn).
- 4. Trinity High Water (T.H.W.)** is deemed, by the Port of London Act, 1968, to be a level having a value of 11.4 feet (**i.e. 3.475 metres**) above Ordnance Datum (Newlyn).

Tidal Station	Level of Chart Datum below Ordnance Datum (Newlyn) m	Standard levels above local C.D.				
		Mean Low Water Springs MLWS	Mean Low Water Neaps MLWN	Mean High Water Neaps MHWN	Mean High Water Springs MHWS	Highest Astronomical Tide (HAT)
WALTON	2.16	0.5	1.1	3.5	4.3	4.7
MARGATE	2.50	0.6	1.3	4.0	4.8	5.1
SHIVERING SAND	-	0.6	1.4	4.4	5.4	5.7
SOUTHEND	2.90	0.6	1.4	4.8	5.9	6.3
CANVEY	2.97	0.6	1.4	5.0	6.1	6.6
CORYTON	3.05	0.6	1.5	5.1	6.2	6.7
TILBURY	3.12	0.6	1.5	5.4	6.6	7.0
GREENHITHE	3.20	0.6	1.6	5.6	6.7	7.2
DAGENHAM	3.28	0.6	1.6	5.8	7.0	7.5
NORTH WOOLWICH	3.35	0.6	1.6	5.9	7.2	7.7
LONDON BRIDGE	3.20	0.5	1.5	5.9	7.1	7.6
BLACKFRIARS	3.05	0.5	1.4	5.8	7.0	7.5
WESTMINSTER	2.90	0.5	1.3	5.7	6.9	7.4
VAUXHALL	2.59	0.3	1.0	5.4	6.6	7.1
VICTORIA RAIL	2.44	0.3	0.9	5.3	6.5	6.9
ALBERT BRIDGE	2.29	0.3	0.9	5.1	6.3	6.8
WANDSWORTH	2.13	0.3	0.9	5.0	6.2	6.7
PUTNEY	1.98	0.3	0.8	4.9	6.1	6.6
HAMMERSMITH	1.68	0.3	0.7	4.7	5.8	6.4
BARNES	1.37	0.2	0.6	4.4	5.5	6.1
CHISWICK	1.22	0.2	0.5	4.3	5.3	6.0
KEW	1.07	0.2	0.5	4.2	5.2	5.9
BRENTFORD	0.91	0.1	0.4	4.0	5.0	5.7
RICHMOND	0.61	0.1	0.2	3.8	4.8	5.5
TWICKENHAM	Note 3	-		1.5	2.5	3.2