



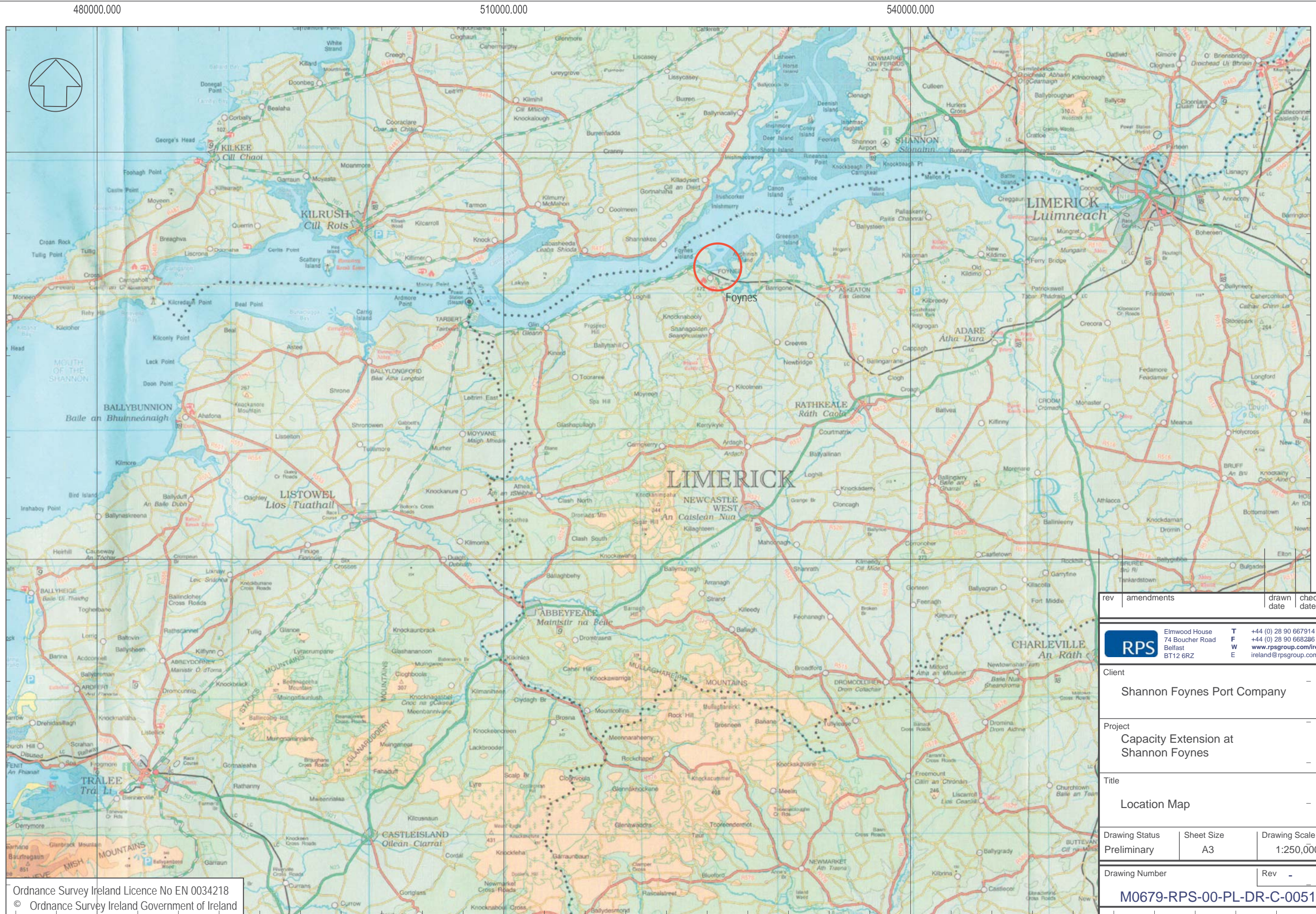


Capacity Extension at Shannon Foynes	
Sheet Number	Sheet Title
M0679-RPS-00-PL-DR-C-0050	Planning Application Drawing List
M0679-RPS-00-PL-DR-C-0051	Location Map
M0679-RPS-00-PL-DR-C-0100	Site Location Map
M0679-RPS-00-PL-DR-C-0101	Proposed Site Location Key Plan
M0679-RPS-00-PL-DR-C-0102	Proposed Site Location Plan Sheet 1
M0679-RPS-00-PL-DR-C-0103	Proposed Site Location Plan Sheet 2
M0679-RPS-00-PL-DR-C-0104	Jetty Existing Survey
M0679-RPS-00-PL-DR-C-0105	Durnish Lands Existing Topographic Survey
M0679-RPS-00-PL-DR-C-0106	Proposed Phasing Plan for Construction
M0679-RPS-00-PL-DR-C-0107	Proposed Phasing Plan for Operational Uses
M0679-RPS-00-PL-DR-C-0109	SFPC Port Estate & Foynes Village Aerial View
M0679-RPS-00-PL-DR-C-0110	Overall Key Plan showing Proposed Development
M0679-RPS-00-PL-DR-C-0111	Proposed Site Layout Plan Sheet 1
M0679-RPS-00-PL-DR-C-0112	Proposed Site Layout Plan Sheet 2
M0679-RPS-00-PL-DR-C-0113	Proposed Site Layout Plan Sheet 3
M0679-RPS-00-PL-DR-C-0114	Proposed Site Layout Plan Sheet 4
M0679-RPS-00-PL-DR-C-0115	Proposed Site Layout Plan Sheet 5
M0679-RPS-00-PL-DR-C-0116	Proposed Site Layout Plan Sheet 6
M0679-RPS-00-PL-DR-C-0117	Proposed Site Layout Plan Sheet 7
M0679-RPS-00-PL-DR-C-0118	Proposed Site Layout Plan Sheet 8
M0679-RPS-00-PL-DR-C-0119	Proposed Site Layout Plan Sheet 9
M0679-RPS-00-PL-DR-C-0120	Proposed Site Layout Plan Sheet 10
M0679-RPS-00-PL-DR-C-0121	Proposed Site Layout Plan Sheet 11
M0679-RPS-00-PL-DR-C-0122	Proposed Site Layout Plan Sheet 12
M0679-RPS-00-PL-DR-C-0123	Proposed Site Layout Plan Sheet 13
M0679-RPS-00-PL-DR-C-0124	Proposed Site Layout Plan Sheet 14
M0679-RPS-00-PL-DR-C-0125	Proposed Site Layout Plan Sheet 15
M0679-RPS-00-PL-DR-C-0126	Proposed Site Layout Plan Sheet 16
M0679-RPS-00-PL-DR-C-0127	Proposed Site Layout Plan Sheet 17

Capacity Extension at Shannon Foynes	
Sheet Number	Sheet Title
M0679-RPS-00-PL-DR-C-0130	Jetty-Typical Section and Elevation
M0679-RPS-00-PL-DR-C-0131	Durnish Lands Typical Sections Sheet 1
M0679-RPS-00-PL-DR-C-0132	Durnish Lands Typical Sections Sheet 2
M0679-RPS-00-PL-DR-C-0133	Durnish Lands Typical Sections Sheet 3
M0679-RPS-00-PL-DR-C-0134	Durnish Lands Typical Sections Sheet 4
M0679-RPS-00-PL-DR-C-0135	Durnish Lands Typical Sections Sheet 5
M0679-RPS-00-PL-DR-C-0136	Durnish Lands Typical Sections Sheet 6
M0679-RPS-00-PL-DR-C-0137	Durnish Lands Typical Sections Sheet 7
M0679-RPS-00-PL-DR-C-0138	Existing and Proposed Pontoon
M0679-RPS-00-PL-DR-C-0144	Proposed Lux Levels at New Quay
M0679-RPS-00-PL-DR-C-0145	Proposed Lux Levels at Durnish Lands
M0679-RPS-00-PL-DR-C-0160	Surfacing and Fencing Details
M0679-RPS-00-PL-DR-C-0161	Quay Furniture Details
M0679-RPS-00-PL-DR-C-0162	Drainage Details
M0679-RPS-00-PL-DR-C-0163	Storage Warehouse Typical Plan and Elevations
M0679-RPS-00-PL-DR-C-0164	Security Kiosk and Details
M0679-RPS-00-PL-DR-C-0165	Proposed Sub-Station Details
M0679-RPS-00-PL-DR-C-0166	Existing Lean To Details
M0679-RPS-00-PL-DR-C-0167	Proposed Lean To Details
Landscaping	
1773.5.01	Proposed Boundary Treatments

rev	amendments	drawn date	checked date
<div><div><div>RPS</div></div><div><div>Elmwood House</div><div>74 Boucher Road</div><div>Belfast</div><div>BT12 6RZ</div></div><div><div>T</div><div>F</div><div>W</div><div>E</div></div><div><div>+44 (0) 28 90 667914</div><div>+44 (0) 28 90 668286</div><div>www.rpsgroup.com/ireland</div><div>ireland@rpsgroup.com</div></div></div>			
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Planning Application Drawing List			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A3	1:1	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0050			
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.

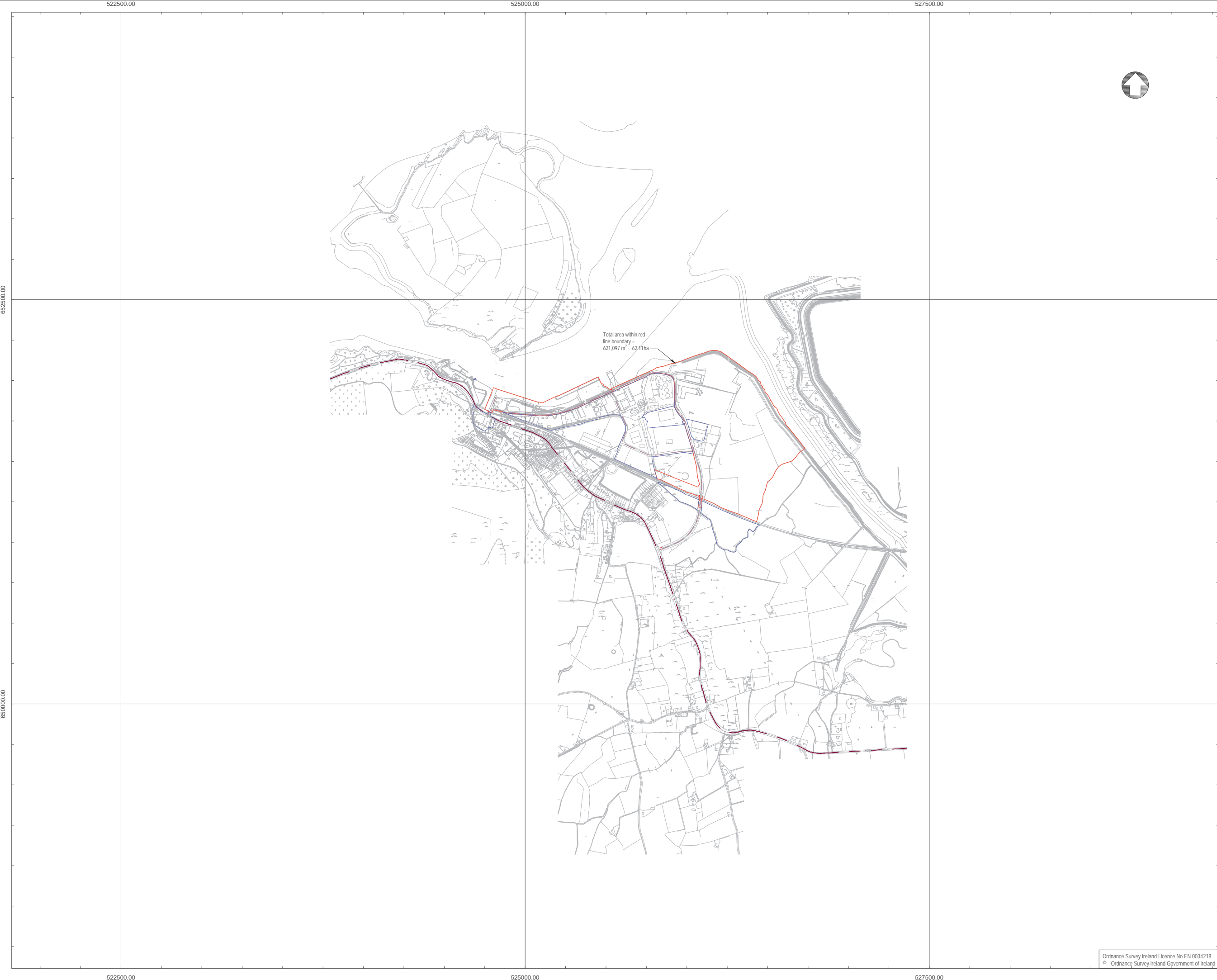




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Client		Shannon Foynes Port Company	
Project		Capacity Extension at Shannon Foynes	
Title		Location Map	
Drawing Status	Sheet Size	Drawing Scale	
Preliminary	A3	1:250,000	
Drawing Number		Rev	
M0679-RPS-00-PL-DR-C-0051			
Project Leader	Drawn By	Date	Initial Review
S.A.H.	M.H.	March 2018	E.H.





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## NOTES

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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
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4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
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6. Projection: IREN95 /Irish Transverse Mercator

Key:

— Planning Boundary

— Land in ownership of Applicant but not forming part of application

● Site Notice (4Nr in total)

rev	amendments	drawn	date
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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Site Location Map

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:10560

Drawing Number	Rev
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M0679-RPS-00-PL-DR-C-0100

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





### NOTES

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6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Site Location Key Plan

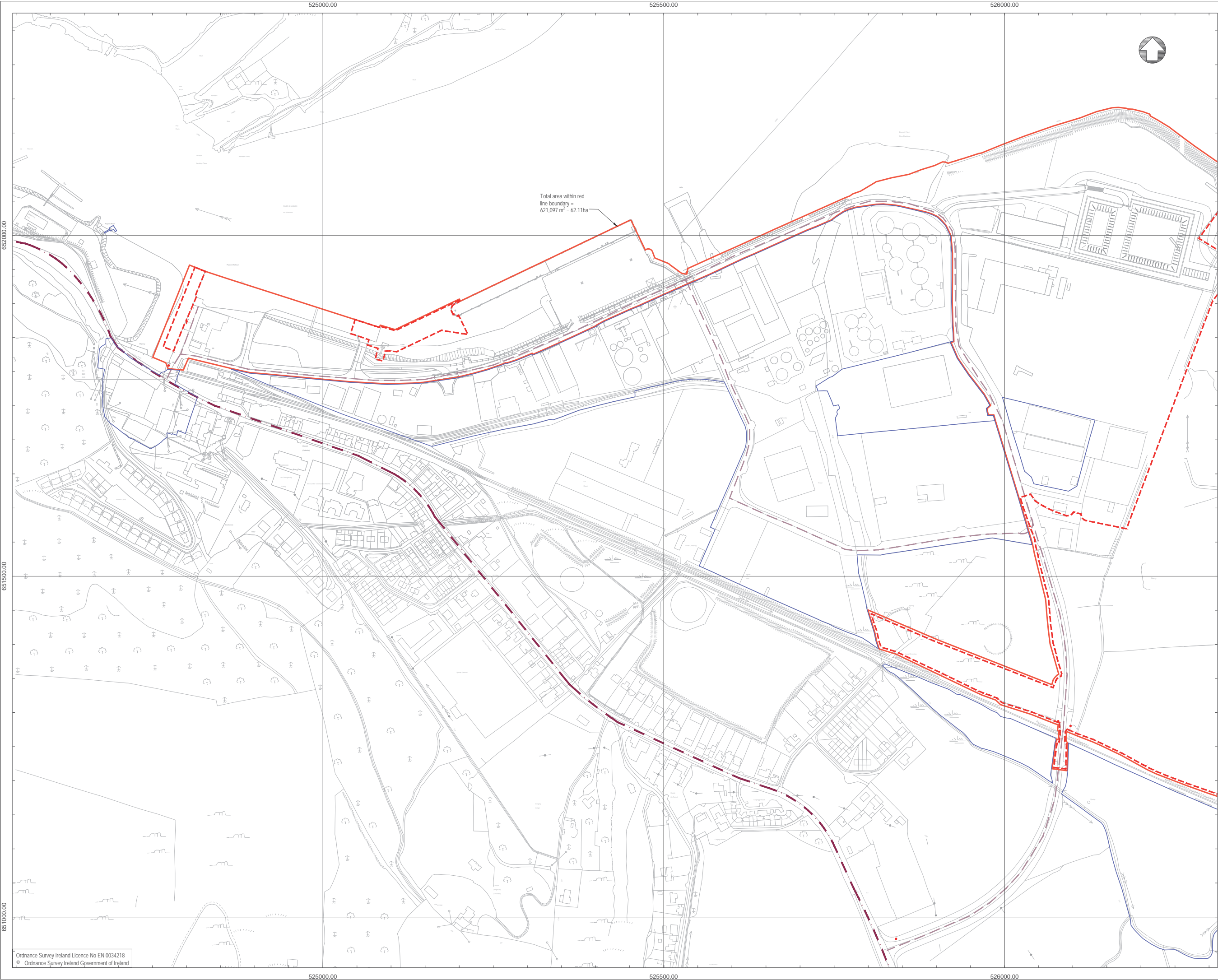
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Planning	A1	1:5000

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0101	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.

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### NOTES

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4. DATUM:   Ordnance Datum Malin

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6.   Projection: IRENET95 /Irish Transverse Mercator

Key:

Planning Boundary

Land in ownership of Applicant but not forming part of application

Proposed Development Area

Site Notice (4Nr in total)

National Road

Secondary Road

rev	amendments	drawn	date
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Client  
  
Shannon Foynes Port Company

Project  
Capacity Extension at Shannon Foynes

Title  
Proposed Site Location Plan  
Sheet 1

Drawing Status  
Planning

Sheet Size  
A1

Drawing Scale  
1:2500

Drawing Number

Rev -

M0679-RPS-00-PL-DR-C-0102

Project Leader  
S.H.

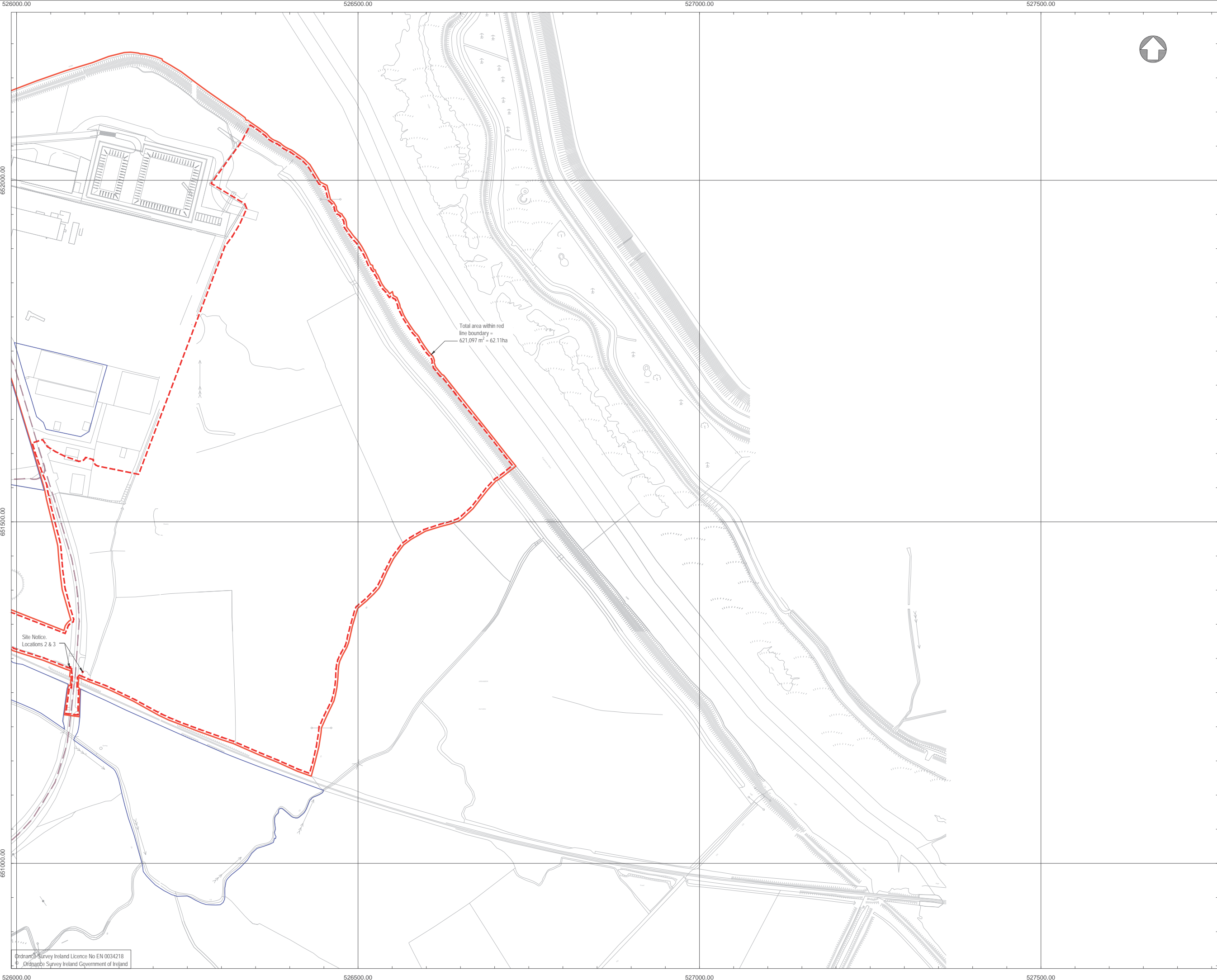
Drawn By  
M.H.

Date  
March 2018

Initial Review  
E.H.

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### NOTES

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4. DATUM:   Ordnance Datum Malin

5. Map Series

Map Series

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SURVEY DATE   = 31-Jul-2000

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

Planning Boundary

Land in ownership of Applicant but not forming part of application

Proposed Development Area

Site Notice (4Nr in total)

National Road

Secondary Road

rev

amendments

drawn

date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Site Location Plan Sheet 2

Drawing Status

Planning

Sheet Size

A1

Drawing Scale

1:2500

Drawing Number

Rev -

M0679-RPS-00-PL-DR-C-0103

Project Leader

S.H.

Drawn By

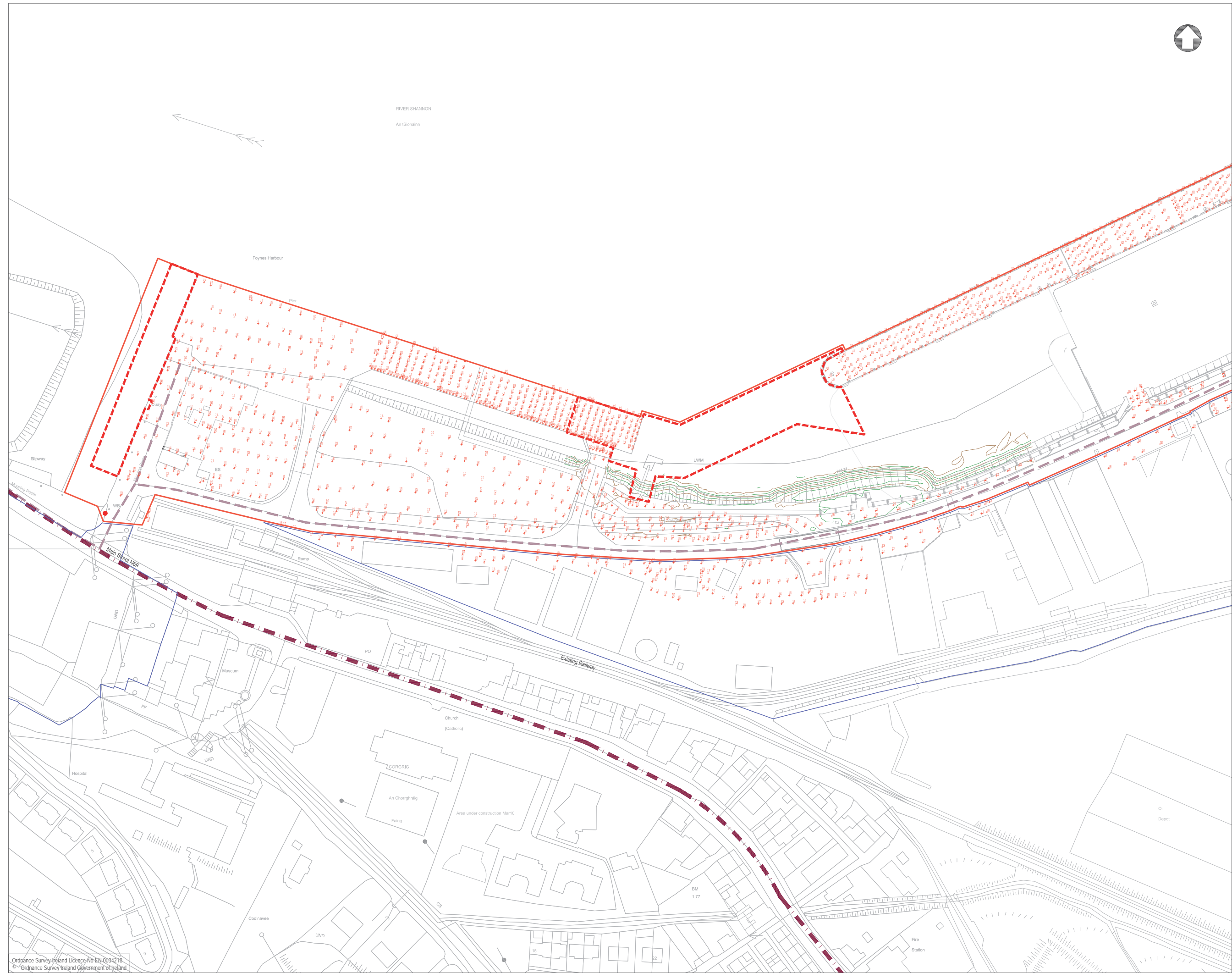
M.H.

Date

March 2018

Initial Review

E.H.



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Key:

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- National Road
- Secondary Road

Survey information base on NCW Surveys Ref 13-127-001&002

rev	amendments	drawn	date
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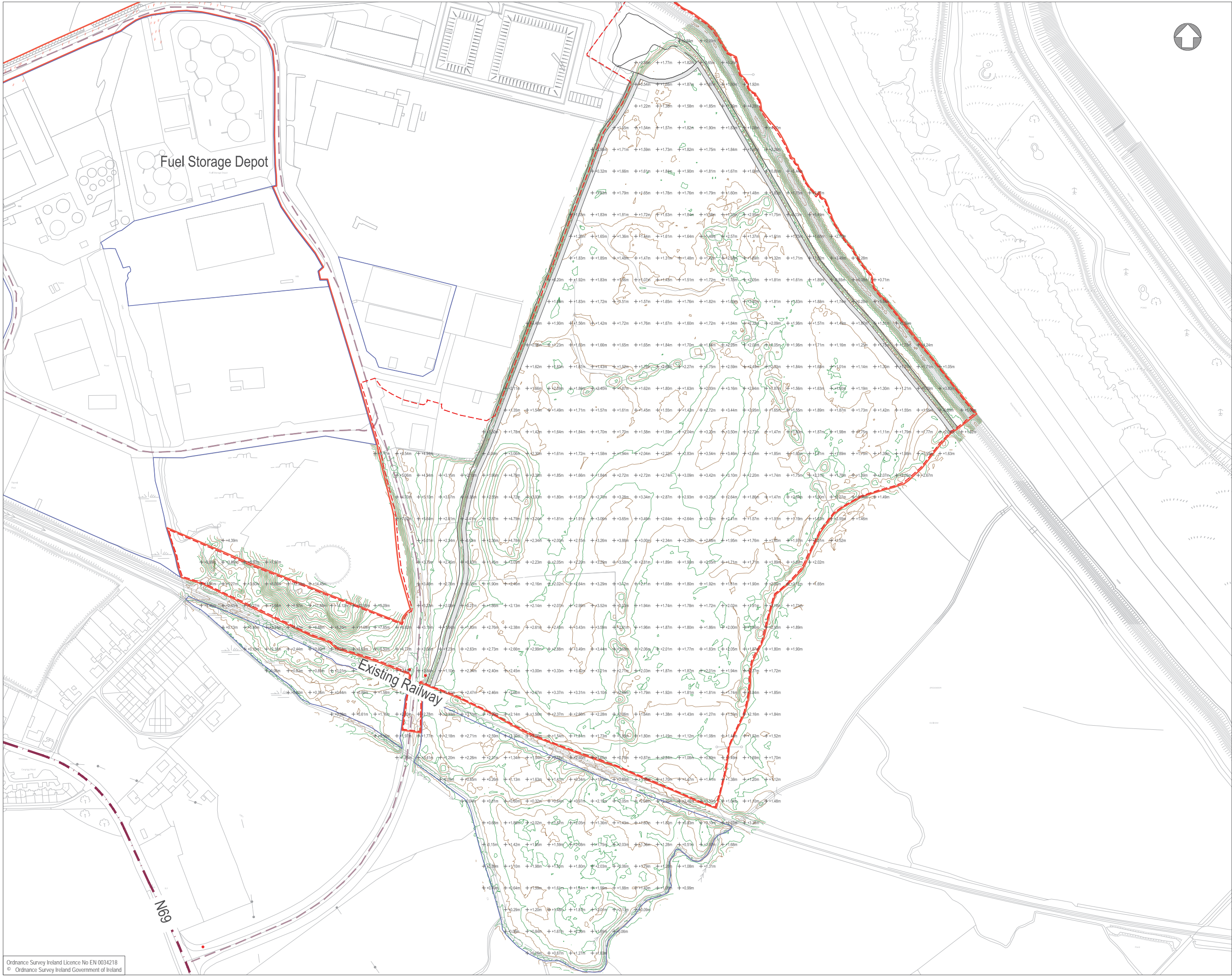
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Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:1000

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0104	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





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Key:	
	Planning Boundary
	Land in ownership of Applicant but not forming part of application
	Proposed Development Area
	Site Notice (4Nr in total)
	National Road
	Secondary Road

Survey information base on:  
NCW Surveys Ref: 13-127-001&002  
Murphys Survey Ref: 1692-001 and 002

rev	amendments	drawn	date
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Client  
  
Shannon Foynes Port Company

Project  
Capacity Extension at Shannon Foynes

Title  
Durnish Lands Existing Topographic Survey

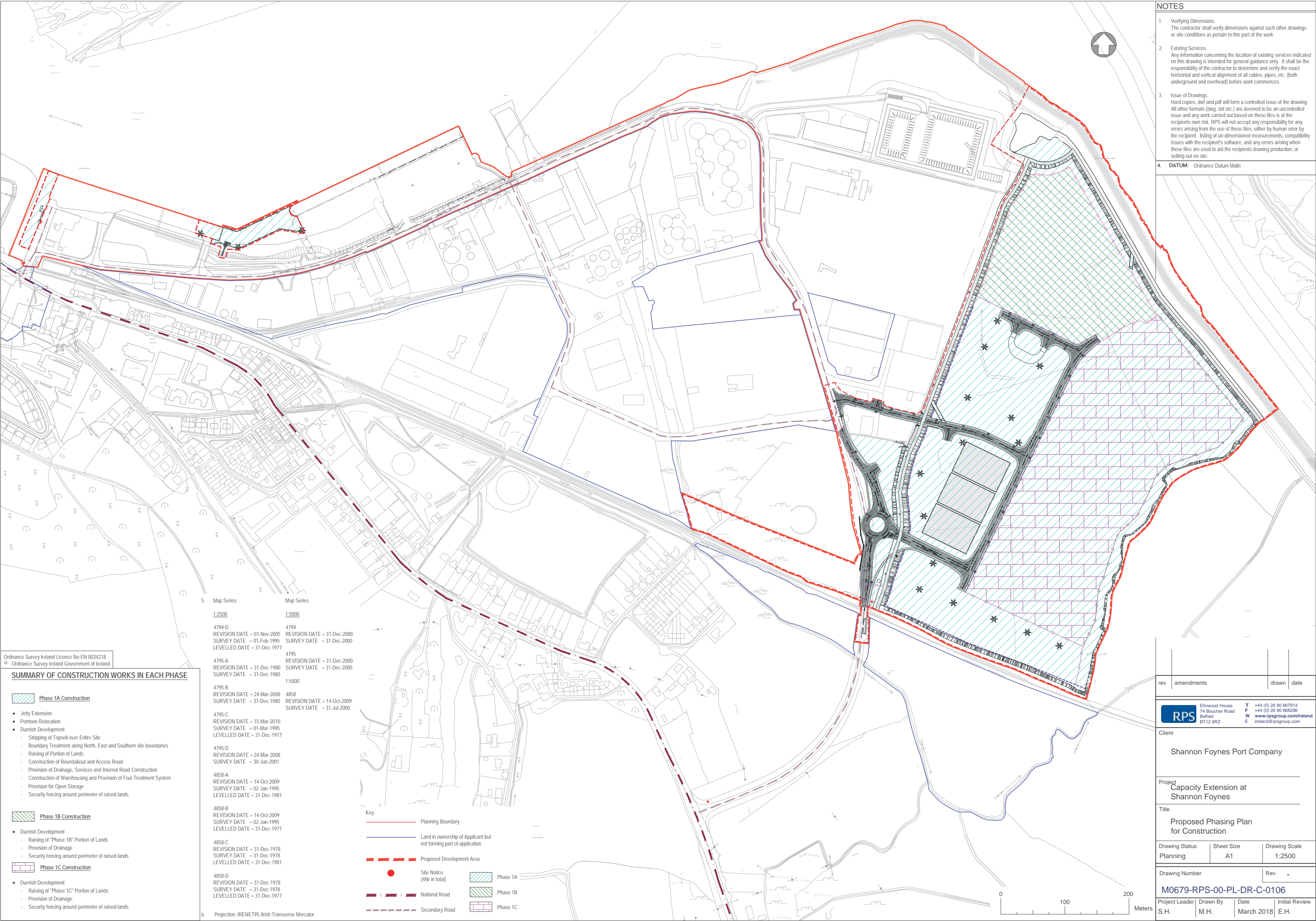
Drawing Status Planning	Sheet Size A1	Drawing Scale 1:2000
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Drawing Number	Rev -
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M0679-RPS-00-PL-DR-C-0105

Project Leader S.H.	Drawn By M.H.	Date March 2018	Initial Review E.H.
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NOTES			
1.	Verifying Dimensions.	The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.	
2.	Existing Services.	Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.	
3.	Issue of Drawings.	Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg, dxf etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipient's own risk. RPS will not accept any responsibility for any errors arising from the use of these files, either by human error by the recipient, listing of un-dimensioned measurements, compatibility issues with the recipient's software, and any errors arising when these files are used to aid the recipient's drawing production, or setting out on site.	
4.	DATUM:	Ordnance Datum Malin	

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SUMMARY OF CONSTRUCTION WORKS IN EACH PHASE

- Phase 1A Construction

  - Jetty Extension
  - Pontoon Relocation
  - Durinish Development
    - Stripping of Topsoil over Entire Site
    - Boundary Treatment along North, East and Southern site boundaries
    - Raising of Portion of Lands
    - Construction of Roundabout and Access Road
    - Provision of Drainage, Services and Internal Road Construction
    - Construction of Warehousing and Provision of Foul Treatment System
    - Provision for Open Storage
    - Security fencing around perimeter of raised lands
- Phase 1B Construction

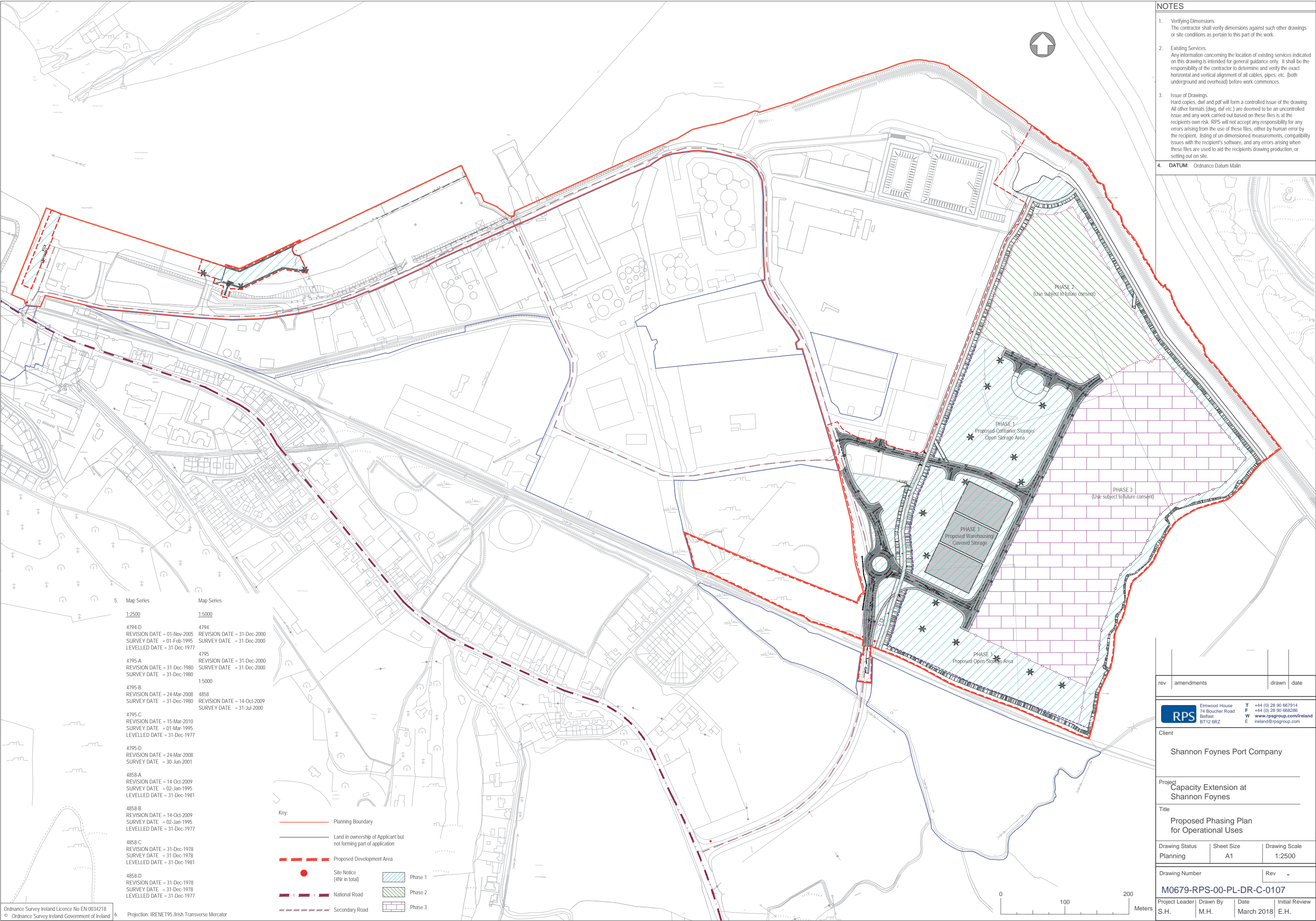
  - Durinish Development
    - Raising of "Phase 1B" Portion of Lands
    - Provision of Drainage
    - Security fencing around perimeter of raised lands
- Phase 1C Construction

  - Durinish Development
    - Raising of "Phase 1C" Portion of Lands
    - Provision of Drainage
    - Security fencing around perimeter of raised lands

5.	Map Series	Map Series
	1:2500	1:5000
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	4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
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	4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
	4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6.	Projection: IREN95 /Irish Transverse Mercator	

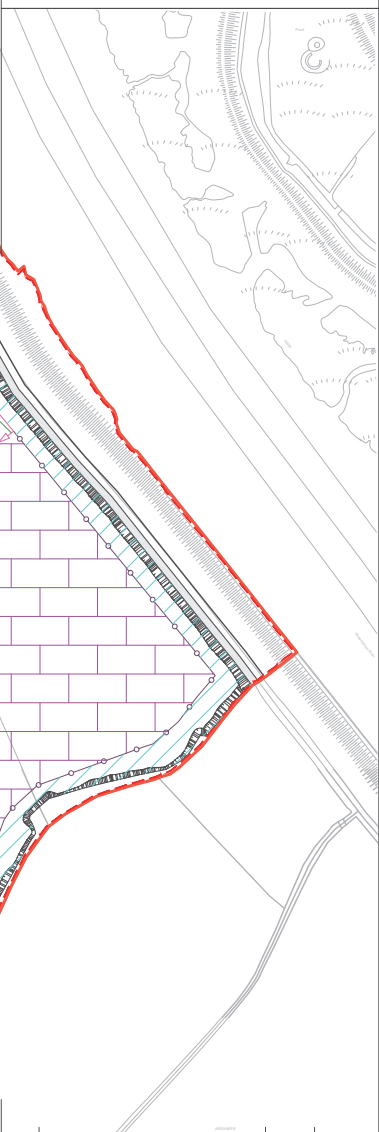
- Key:
- Planning Boundary
  - Land in ownership of Applicant but not forming part of application
  - Proposed Development Area
  - Site Notice (4hr in total)
  - National Road
  - Secondary Road
  - Phase 1A
  - Phase 1B
  - Phase 1C





- NOTES**
- Verifying Dimensions.**  
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**4. DATUM:** Ordnance Datum Malin

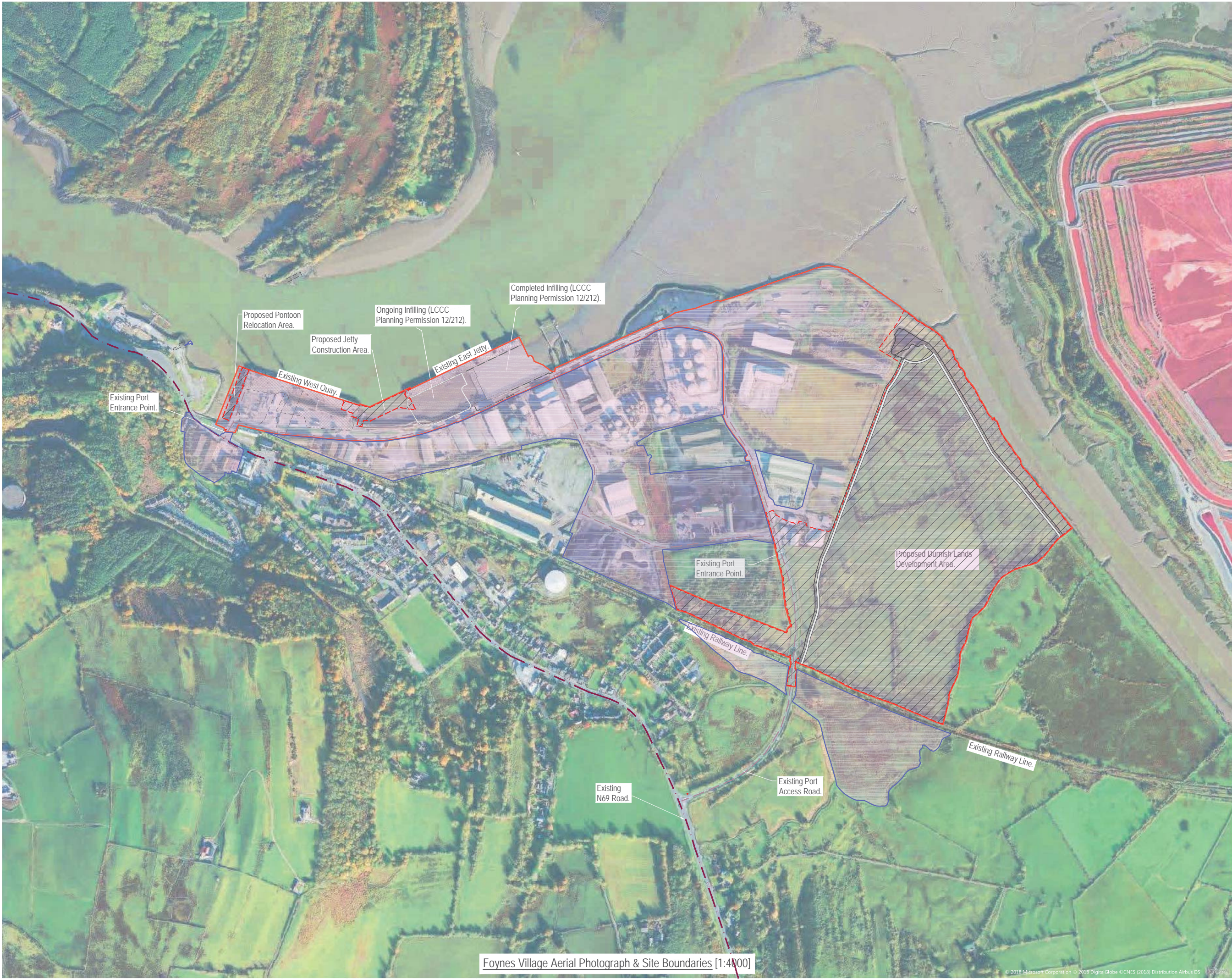


5. Map Series	Map Series
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4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

- Key:**
- Planning Boundary
  - Land in ownership of Applicant but not forming part of application
  - Proposed Development Area
  - Site Notice (4hr in total)
  - National Road
  - Secondary Road
  - Phase 1
  - Phase 2
  - Phase 3

rev	amendments	drawn	date
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Phasing Plan for Operational Uses			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:2500	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0107			
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





### NOTES

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4. DATUM: Ordnance Datum Malin

Key:

Planning Boundary

Proposed Development Area

National Road

Secondary Road

Foreshore Lease 1933

Foreshore Lease 1998

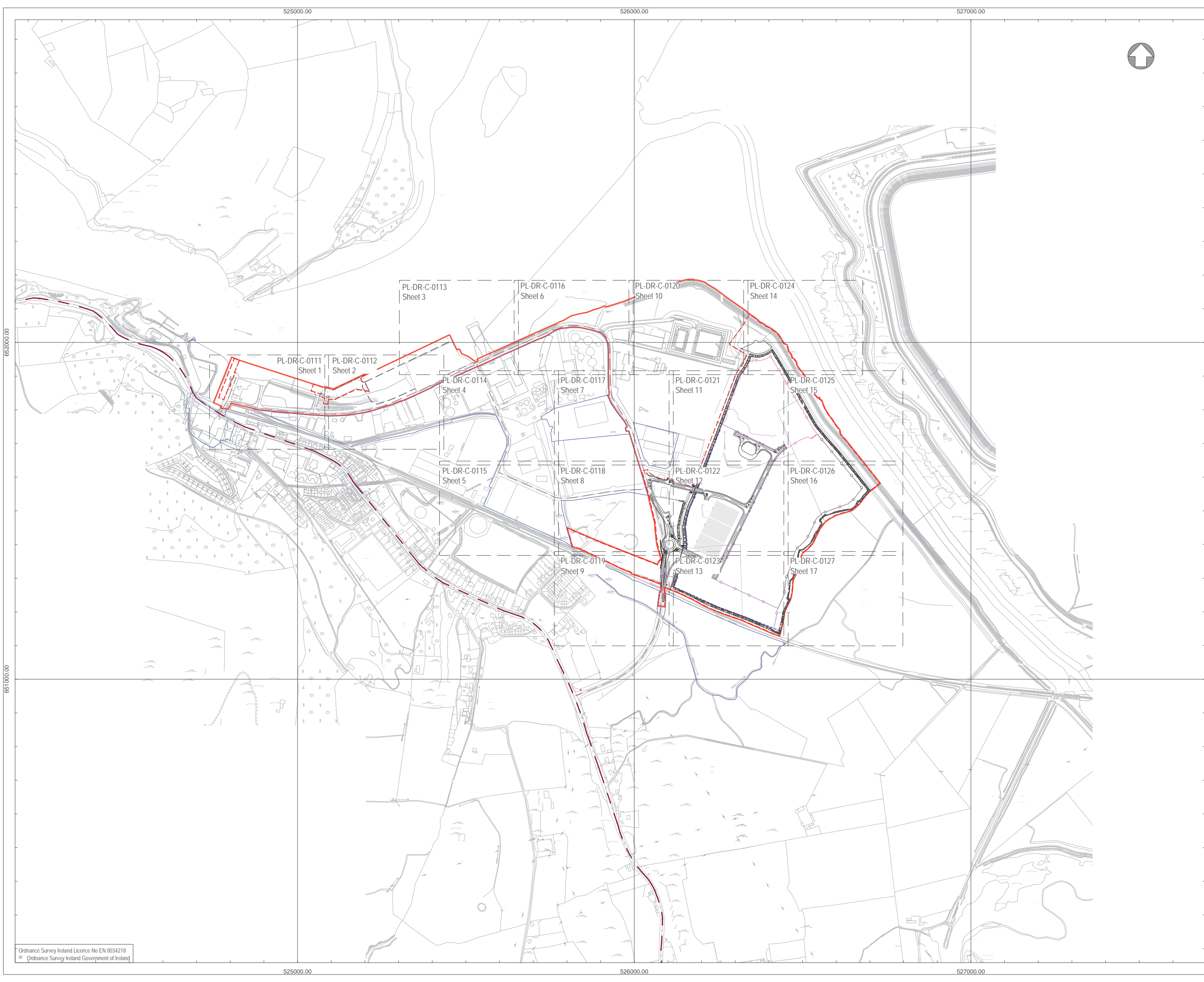
Foreshore Lease 2014

Area within Port Ownership

Proposed Development Area

rev	amendments	drawn	date
<div><div>RPS</div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div><div>T +44 (0) 28 90 667914 F +44 (0) 28 90 668286 W <a href="http://www.rpsgroup.com/ireland">www.rpsgroup.com/ireland</a> E <a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a></div></div>			
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
SFPC Port Estate & Foynes Village Aerial View			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:4000	
Drawing Number		Rev -	
M0679-RPS-00-PL-DR-C-0109			
Project Leader	Drawn By	Date	Initial Review
SAH	EH	March 2018	SAH





NOTES

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4. DATUM:   Ordnance Datum Malin

5.   Map Series

1:2500

1:5000

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SURVEY DATE   = 01-Feb-1995  
LEVELLED DATE = 31-Dec-1977

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SURVEY DATE   = 31-Dec-2000

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REVISION DATE = 31-Dec-1980  
SURVEY DATE   = 31-Dec-1980

4795  
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4795-B  
REVISION DATE = 24-Mar-2008  
SURVEY DATE   = 31-Dec-1980

4858  
REVISION DATE = 14-Oct-2009  
SURVEY DATE   = 31-Jul-2000

4795-C  
REVISION DATE = 15-Mar-2010  
SURVEY DATE   = 01-Mar-1995  
LEVELLED DATE = 31-Dec-1977

4795-D  
REVISION DATE = 24-Mar-2008  
SURVEY DATE   = 30-Jun-2001

4858-A  
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LEVELLED DATE = 31-Dec-1981

4858-B  
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4858-C  
REVISION DATE = 31-Dec-1978  
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LEVELLED DATE = 31-Dec-1981

4858-D  
REVISION DATE = 31-Dec-1978  
SURVEY DATE   = 31-Dec-1978  
LEVELLED DATE = 31-Dec-1977

rev

amendments

drawn

date

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W www.rpsgroup.com/ireland  
E ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project

Capacity Extension at  
Shannon Foynes

Title

Overall Key Plan showing  
Proposed Development

Drawing Status

Sheet Size

Drawing Scale

Planning

A1

1:5000

Drawing Number

Rev

M0679-RPS-00-PL-DR-C-0110

Project Leader

Drawn By

Date

Initial Review

S.H.

M.H.

March 2018

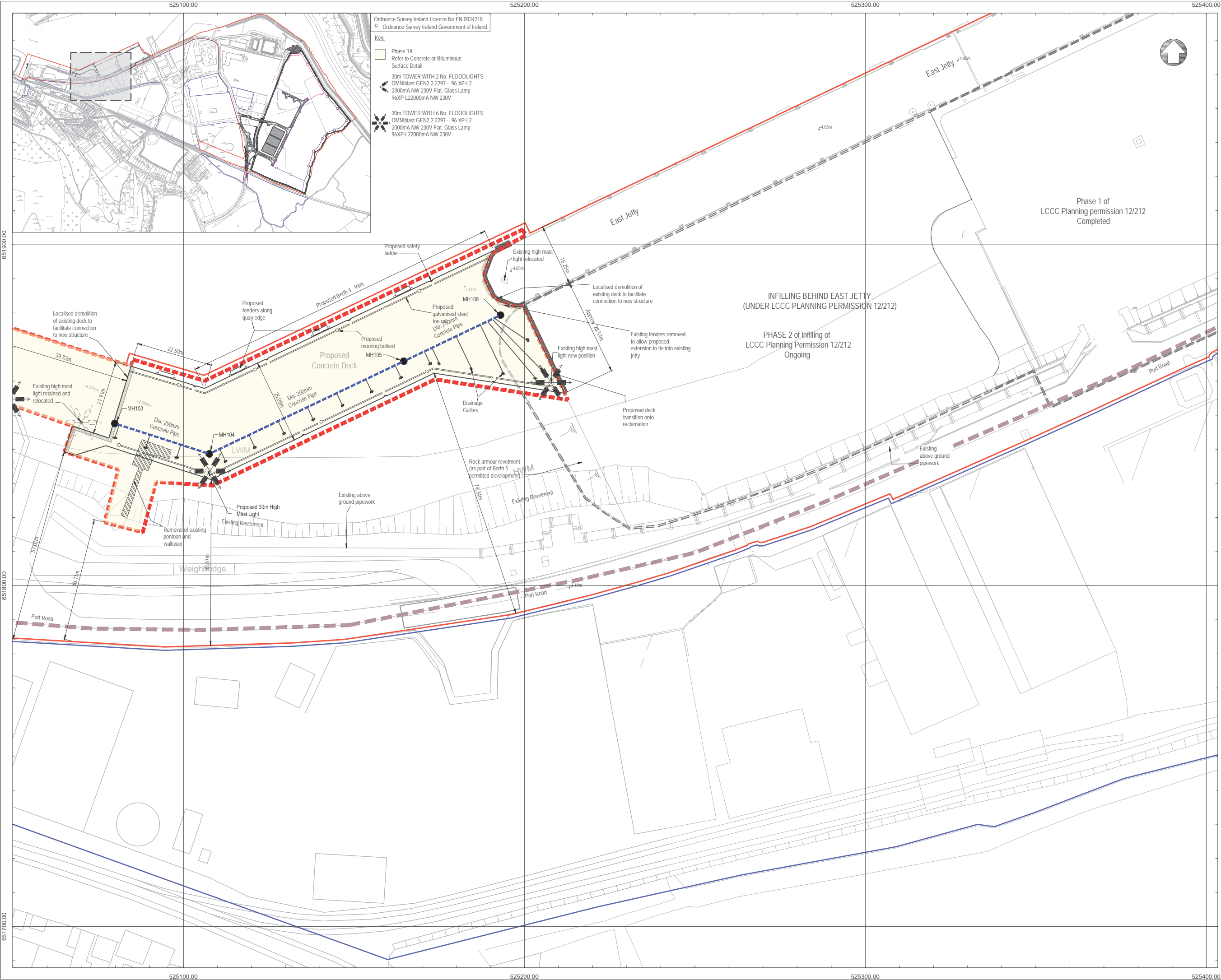
E.H.

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- Key
- Phase 1A  
Refer to Concrete or Bituminous  
Surface Detail
  - 30m TOWER WITH 2 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2  
2000mA NW 230V Flat, Glass Lamp  
96XP-L22000mA NW 230V
  - 30m TOWER WITH 6 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2  
2000mA NW 230V Flat, Glass Lamp  
96XP-L22000mA NW 230V

### NOTES

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Map Series	Map Series
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4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
- Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date
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ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

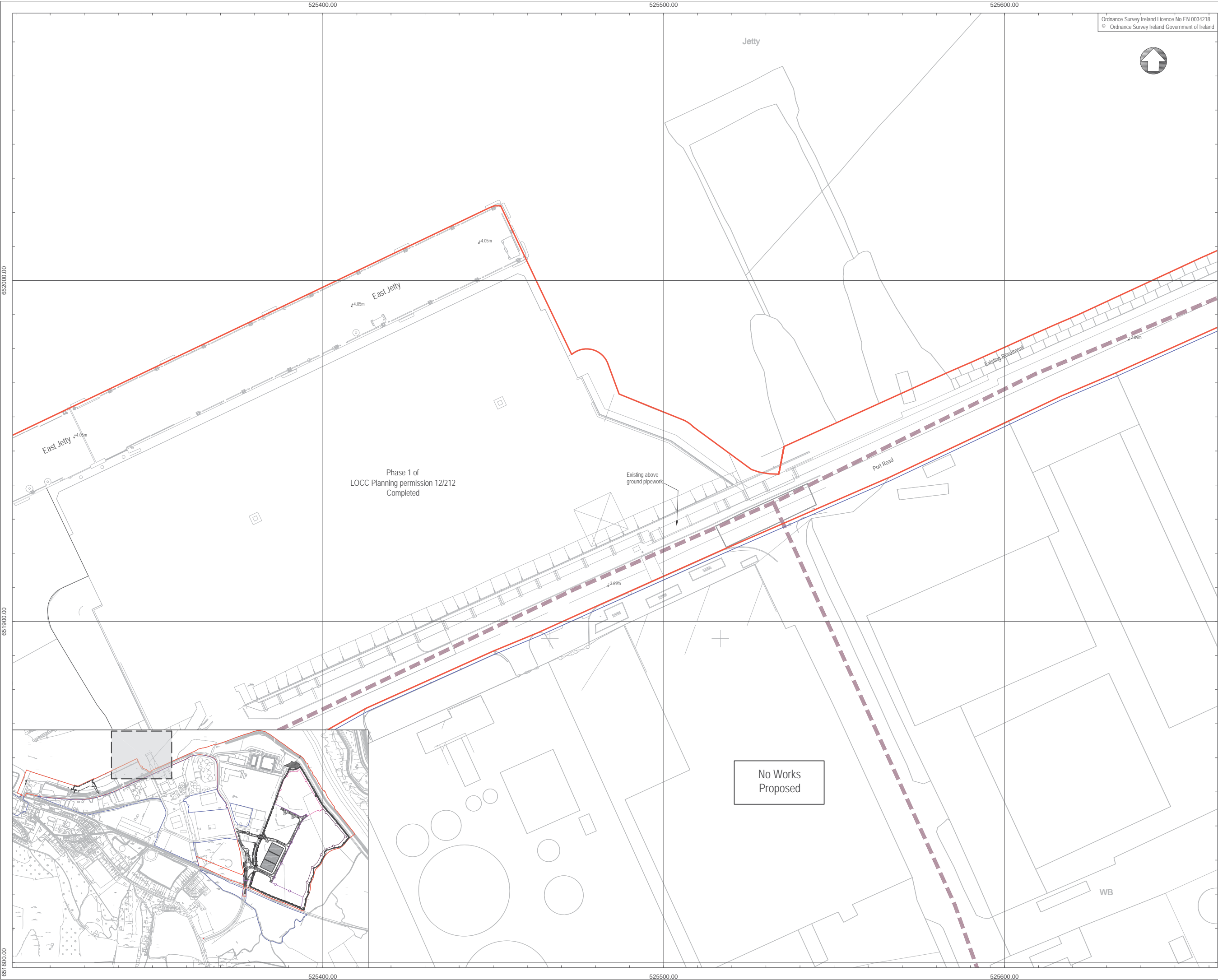
Proposed Site Layout Plan Sheet 2

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0112	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





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NOTES

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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
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Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road

rev	amendments	drawn	date
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Elmwood House  
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Belfast  
BT12 6RZ

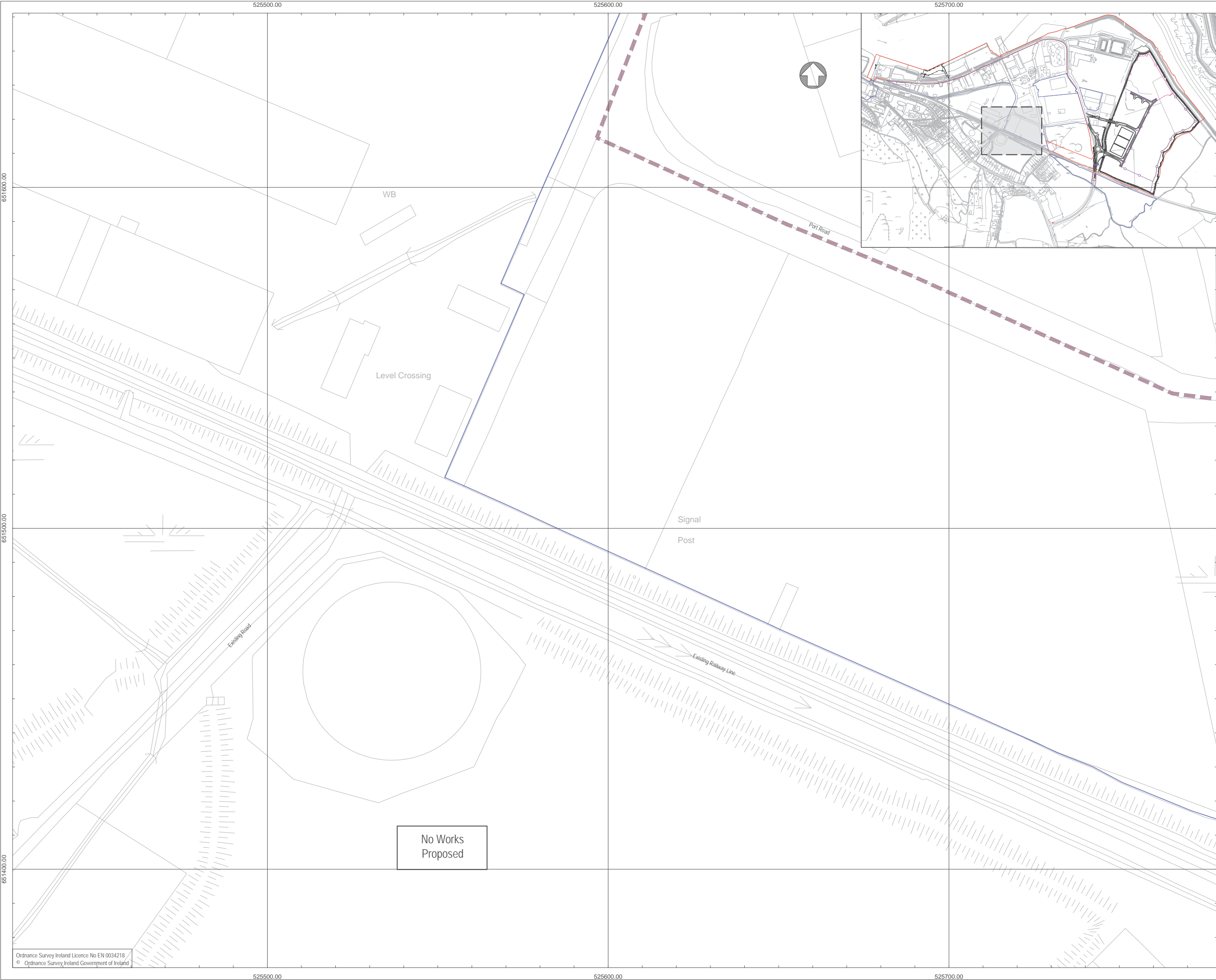
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W [www.rpsgroup.com/ireland](http://www.rpsgroup.com/ireland)  
E [ireland@rpsgroup.com](mailto:ireland@rpsgroup.com)

Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Site Layout Plan Sheet 3			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:500	
Drawing Number		Rev -	
M0679-RPS-00-PL-DR-C-0113			
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.









### NOTES

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Map Series	Map Series
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE   = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE   = 31-Dec-2000
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6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road

rev	amendments	drawn	date

Elmwood House  
 74 Boucher Road  
 Belfast  
 BT12 6RZ

**T** +44 (0) 28 90 667914  
**F** +44 (0) 28 90 668286  
**W** [www.rpsgroup.com/ireland](http://www.rpsgroup.com/ireland)  
**E** [ireland@rpsgroup.com](mailto:ireland@rpsgroup.com)

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Site Layout Plan Sheet 5

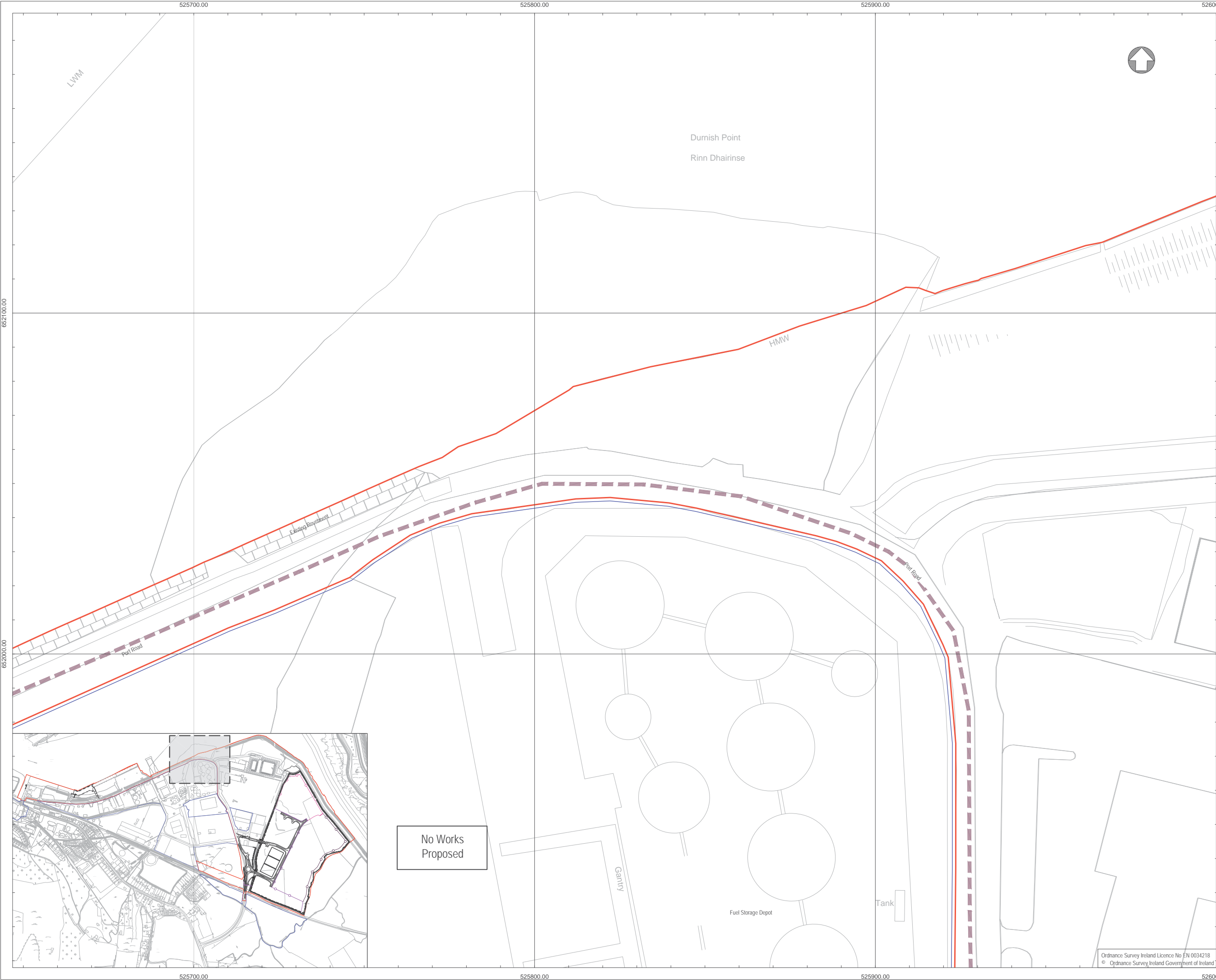
Drawing Status	Sheet Size	Drawing Scale
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Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0115	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.

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652100.00

652000.00

### NOTES

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4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
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4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Site Layout Plan Sheet 6

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0116	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.

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No Works  
Proposed





### NOTES

- Verifying Dimensions.  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
1:2500	1:5000
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road

rev	amendments	drawn	date

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E [ireland@rpsgroup.com](mailto:ireland@rpsgroup.com)

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

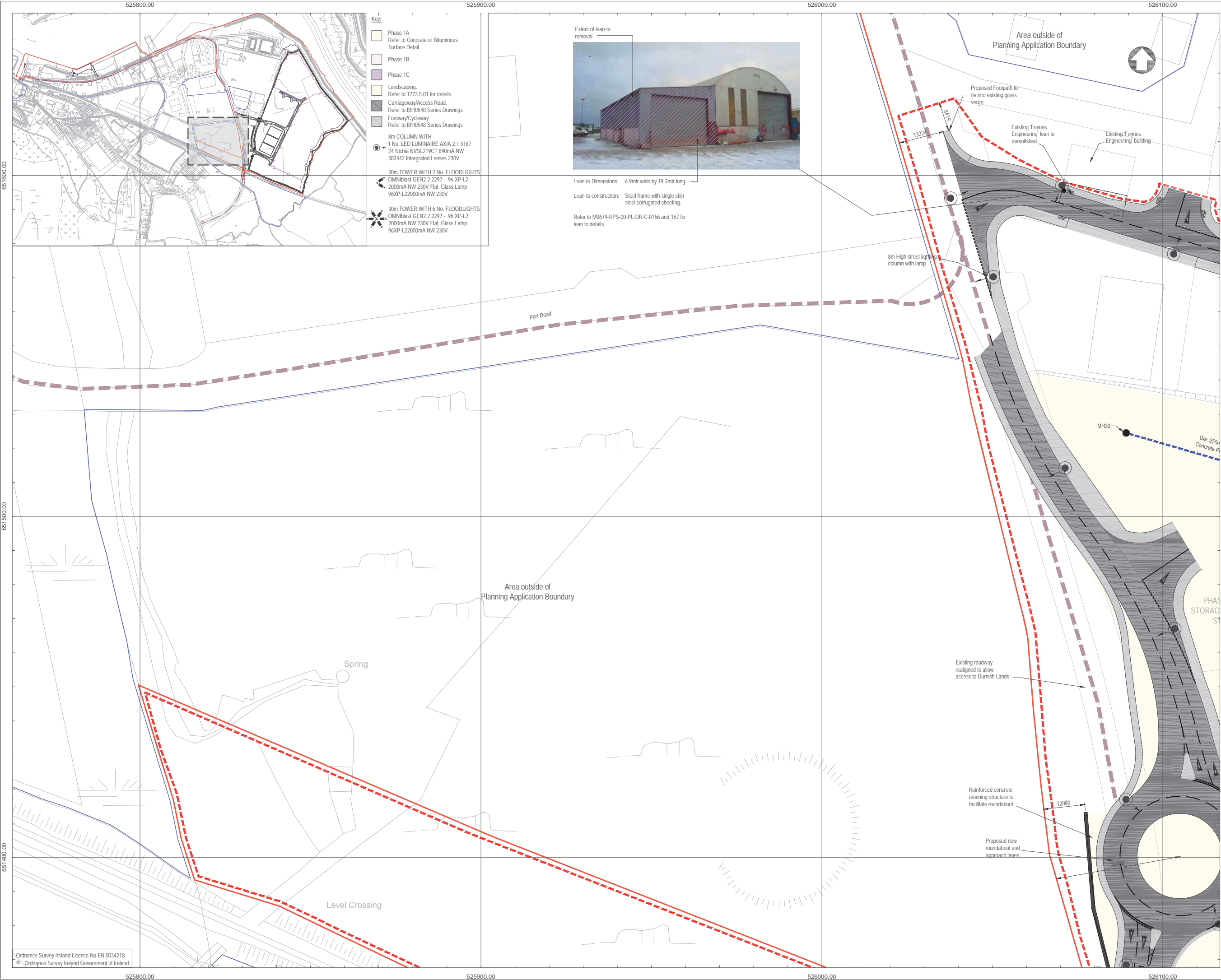
Proposed Site Layout Plan  
Sheet 7

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0117	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





### NOTES

- Verifying Dimensions.**  
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- DATUM:** Ordnance Datum Malin
- | Map Series  | Map Series   |
|---|--|
| <b>1:2500</b>   | <b>1:5000</b>  |
| 4794-D<br>REVISION DATE = 01-Nov-2005<br>SURVEY DATE = 01-Feb-1995<br>LEVELLED DATE = 31-Dec-1977 | 4794<br>REVISION DATE = 31-Dec-2000<br>SURVEY DATE = 31-Dec-2000 |
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| 4795-B<br>REVISION DATE = 24-Mar-2008<br>SURVEY DATE = 31-Dec-1980                                | 4858<br>REVISION DATE = 14-Oct-2009<br>SURVEY DATE = 31-Jul-2000 |
| 4795-C<br>REVISION DATE = 15-Mar-2010<br>SURVEY DATE = 01-Mar-1995<br>LEVELLED DATE = 31-Dec-1977 |  |
| 4795-D<br>REVISION DATE = 24-Mar-2008<br>SURVEY DATE = 30-Jun-2001                                |  |
| 4858-A<br>REVISION DATE = 14-Oct-2009<br>SURVEY DATE = 02-Jan-1995<br>LEVELLED DATE = 31-Dec-1981 |  |
| 4858-B<br>REVISION DATE = 14-Oct-2009<br>SURVEY DATE = 02-Jan-1995<br>LEVELLED DATE = 31-Dec-1977 |  |
| 4858-C<br>REVISION DATE = 31-Dec-1978<br>SURVEY DATE = 31-Dec-1978<br>LEVELLED DATE = 31-Dec-1981 |  |
| 4858-D<br>REVISION DATE = 31-Dec-1978<br>SURVEY DATE = 31-Dec-1978<br>LEVELLED DATE = 31-Dec-1977 |  |
- Projection:** IRENET95 /Irish Transverse Mercator

**Key:**

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
- Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date

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**Client**

Shannon Foynes Port Company

**Project**

Capacity Extension at Shannon Foynes

**Title**

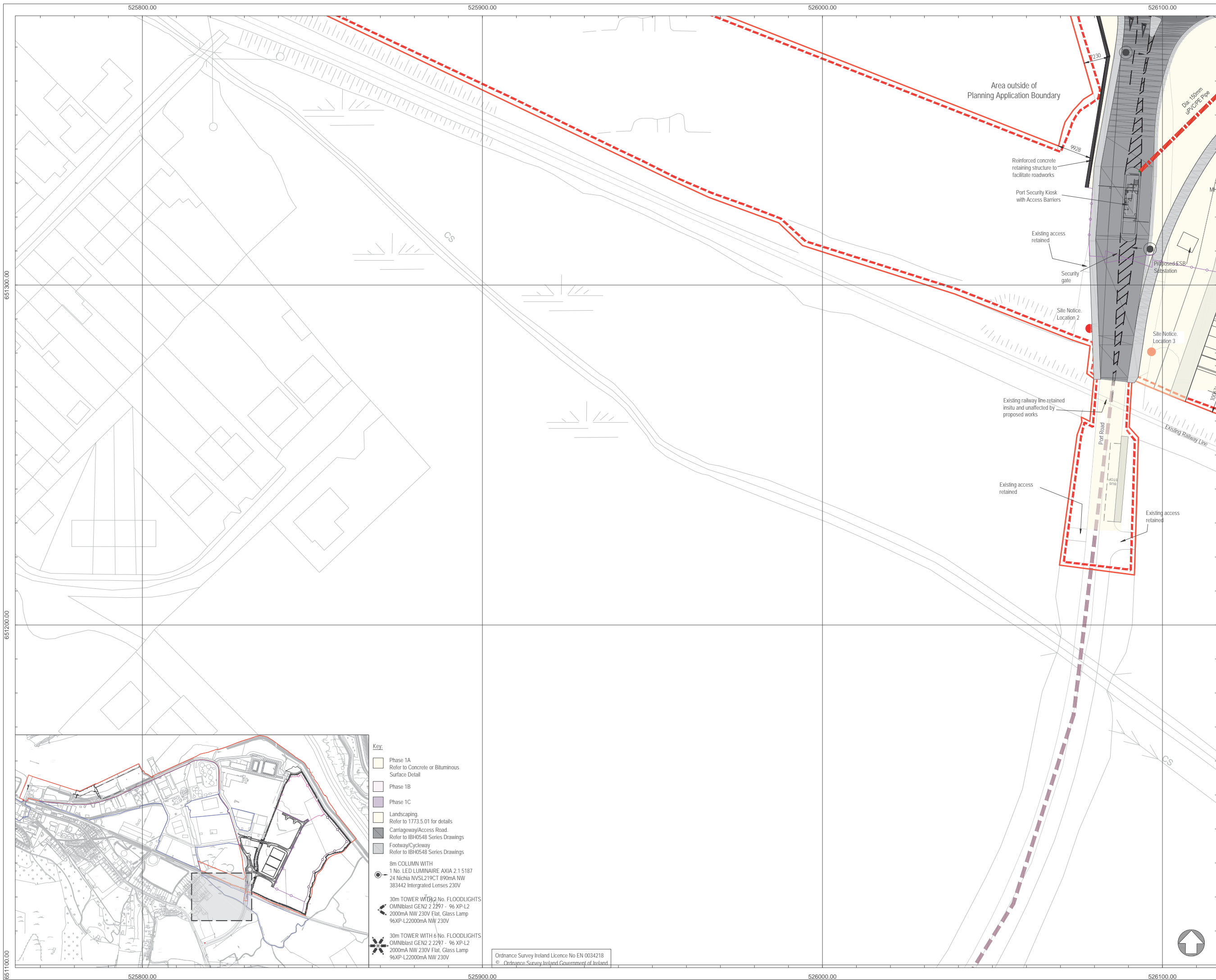
Proposed Site Layout Plan  
Sheet 8

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0118	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





## NOTES

1. **Verifying Dimensions.**  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
2. **Existing Services.**  
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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
<u>1:2500</u>	<u>1:5000</u>
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	1:5000 4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
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4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- 
- Planning Boundary  
 Land in ownership of Applicant but not forming part of application  
 Proposed Development Area  
 Site Notice (4Nr in total)  
 National Road  
 Secondary Road  
 Proposed Drainage Pipe

rev	amendments	drawn	date
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Client	
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Shannon Foynes Port Company

Project	
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## Capacity Extension at Shannon Foynes

Title
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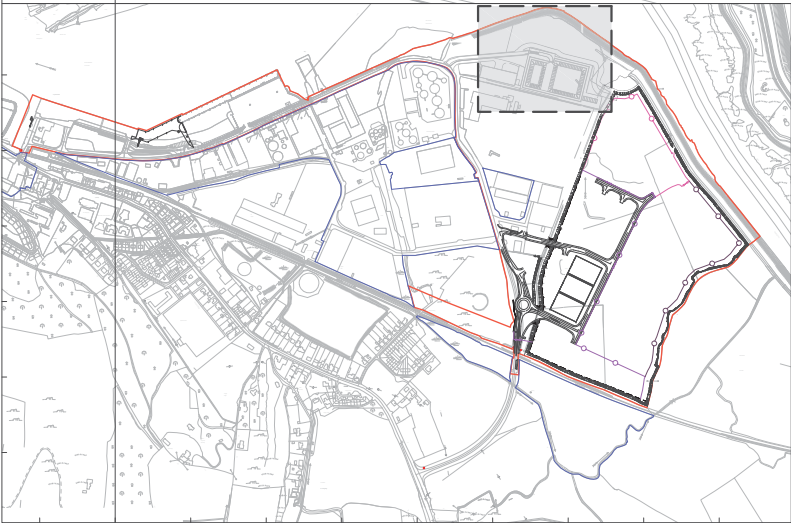
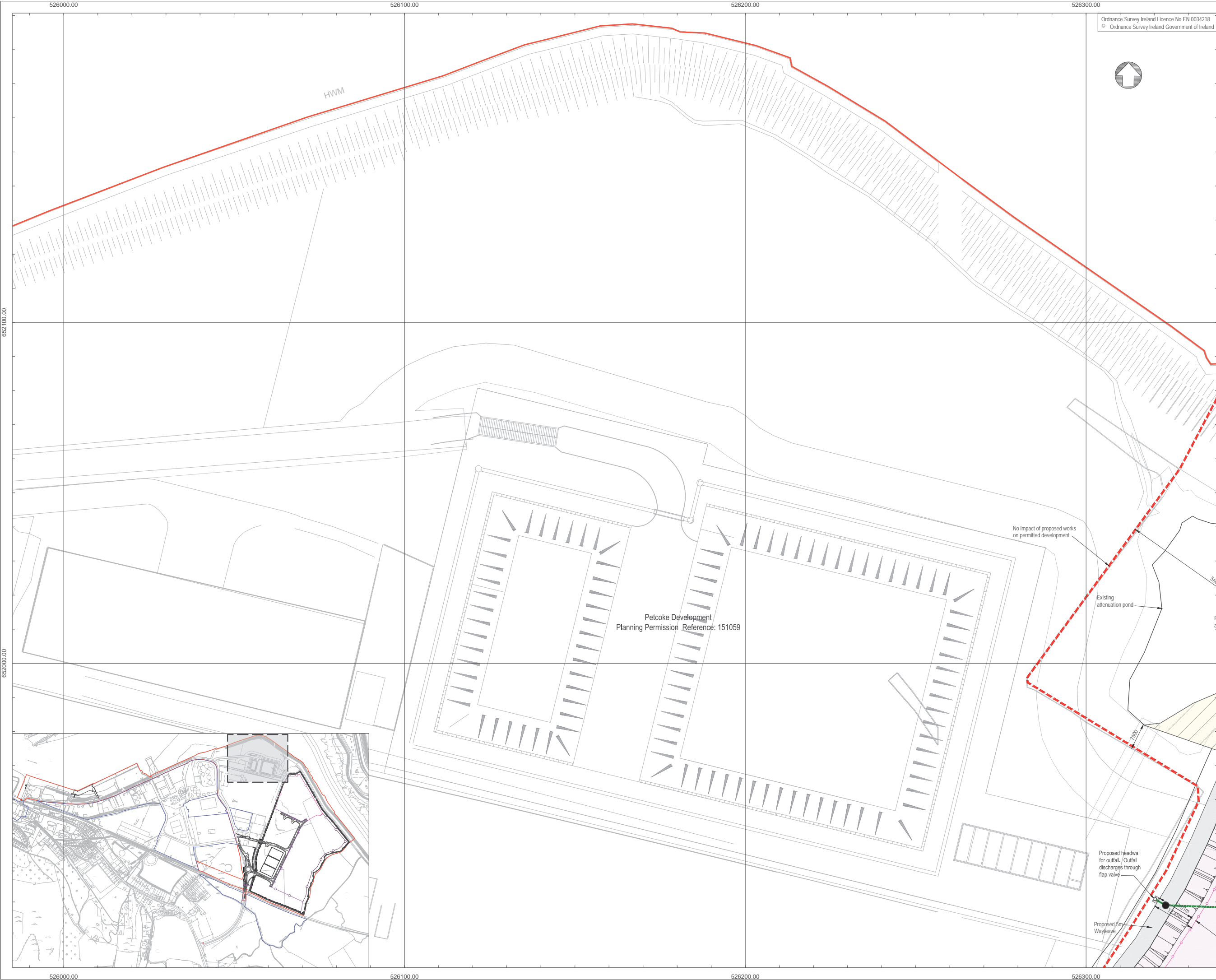
Proposed Site Layout Plan  
Sheet 9

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev	-
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M0679-RPS-00-PL-DR-C-0119

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



### NOTES

- Verifying Dimensions.**  
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4. DATUM: Ordnance Datum Malin

5. Map Series

Map Series

1:25001:5000

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LEVELLED DATE = 31-Dec-1977

4795-A4795

REVISION DATE = 31-Dec-1980REVISION DATE = 31-Dec-2000

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REVISION DATE = 24-Mar-20084858

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SURVEY DATE = 01-Mar-1995

LEVELLED DATE = 31-Dec-1977

4795-D

REVISION DATE = 24-Mar-2008

SURVEY DATE = 30-Jun-2001

4858-A

REVISION DATE = 14-Oct-2009

SURVEY DATE = 02-Jan-1995

LEVELLED DATE = 31-Dec-1981

4858-B

REVISION DATE = 14-Oct-2009

SURVEY DATE = 02-Jan-1995

LEVELLED DATE = 31-Dec-1977

4858-C

REVISION DATE = 31-Dec-1978

SURVEY DATE = 31-Dec-1978

LEVELLED DATE = 31-Dec-1981

4858-D

REVISION DATE = 31-Dec-1978

SURVEY DATE = 31-Dec-1978

LEVELLED DATE = 31-Dec-1977

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

Planning Boundary

Land in ownership of Applicant but not forming part of application

Proposed Development Area

Site Notice (4Nr in total)

National Road

Secondary Road

rev	amendments	drawn	date
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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Site Layout Plan  
Sheet 10

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

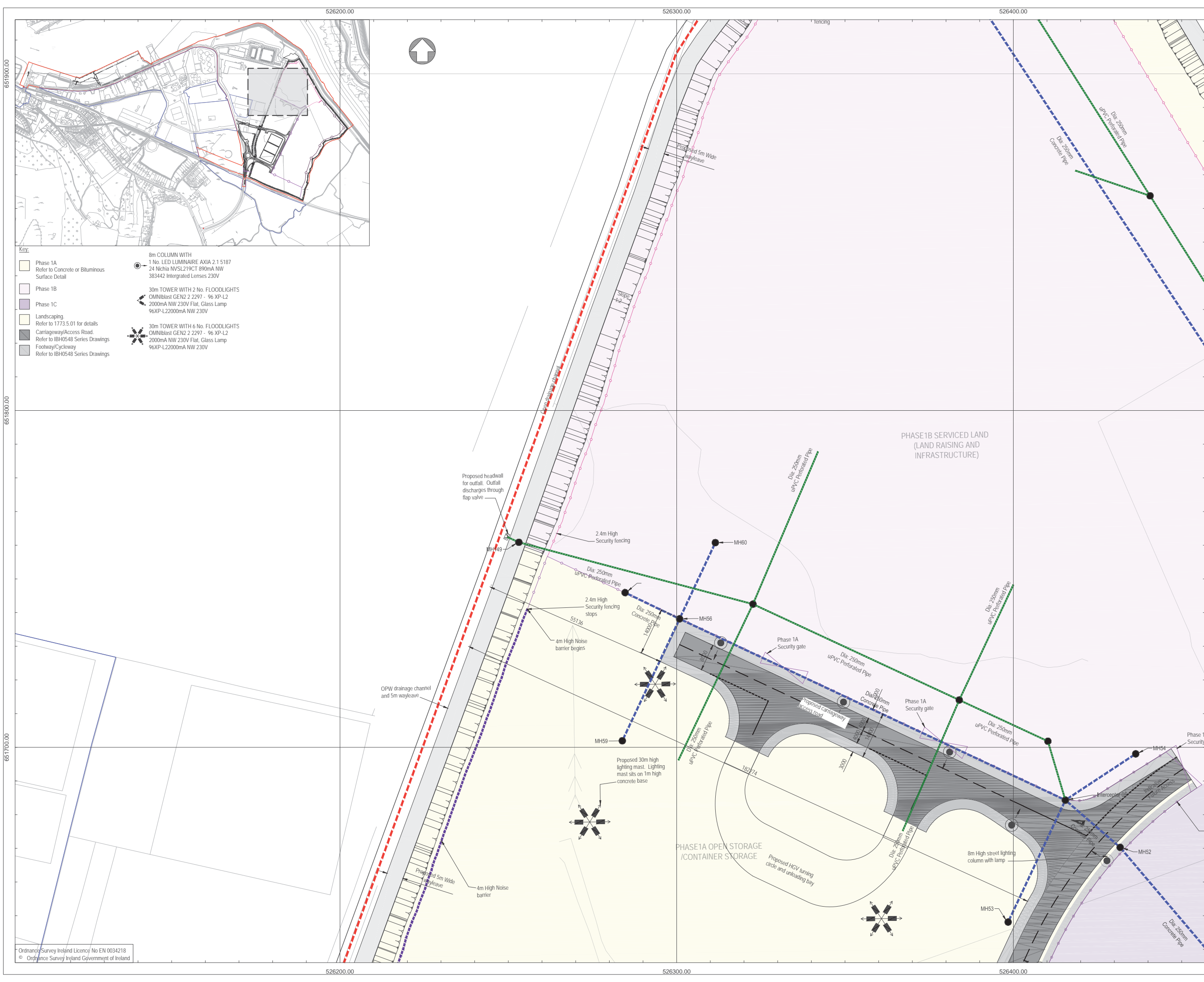
Drawing Number

Rev -

M0679-RPS-00-PL-DR-C-0120

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





- Key:**
- Phase 1A  
Refer to Concrete or Bituminous Surface Detail
  - Phase 1B
  - Phase 1C
  - Landscaping  
Refer to 1773.5.01 for details
  - Carriageway/Access Road  
Refer to IBH0548 Series Drawings
  - Footway/Cycleway  
Refer to IBH0548 Series Drawings
  - 8m COLUMN WITH  
1 No. LED LUMINAIRE AXIA 2.1 5187  
24 Nichia NVSL219CT 890mA NW  
383442 Integrated Lenses 230V
  - 30m TOWER WITH 2 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2  
2000mA NW 230V Flat, Glass Lamp  
96XP-L22000mA NW 230V
  - 30m TOWER WITH 6 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2  
2000mA NW 230V Flat, Glass Lamp  
96XP-L22000mA NW 230V

### NOTES

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**4. DATUM:** Ordnance Datum Malin

Map Series	Map Series
<b>1:2500</b>	<b>1:5000</b>
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
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4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

**6. Projection:** IRENET95 /Irish Transverse Mercator

**Key:**

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
- Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date

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**Client**

Shannon Foynes Port Company

**Project**

Capacity Extension at Shannon Foynes

**Title**

Proposed Site Layout Plan  
Sheet 11

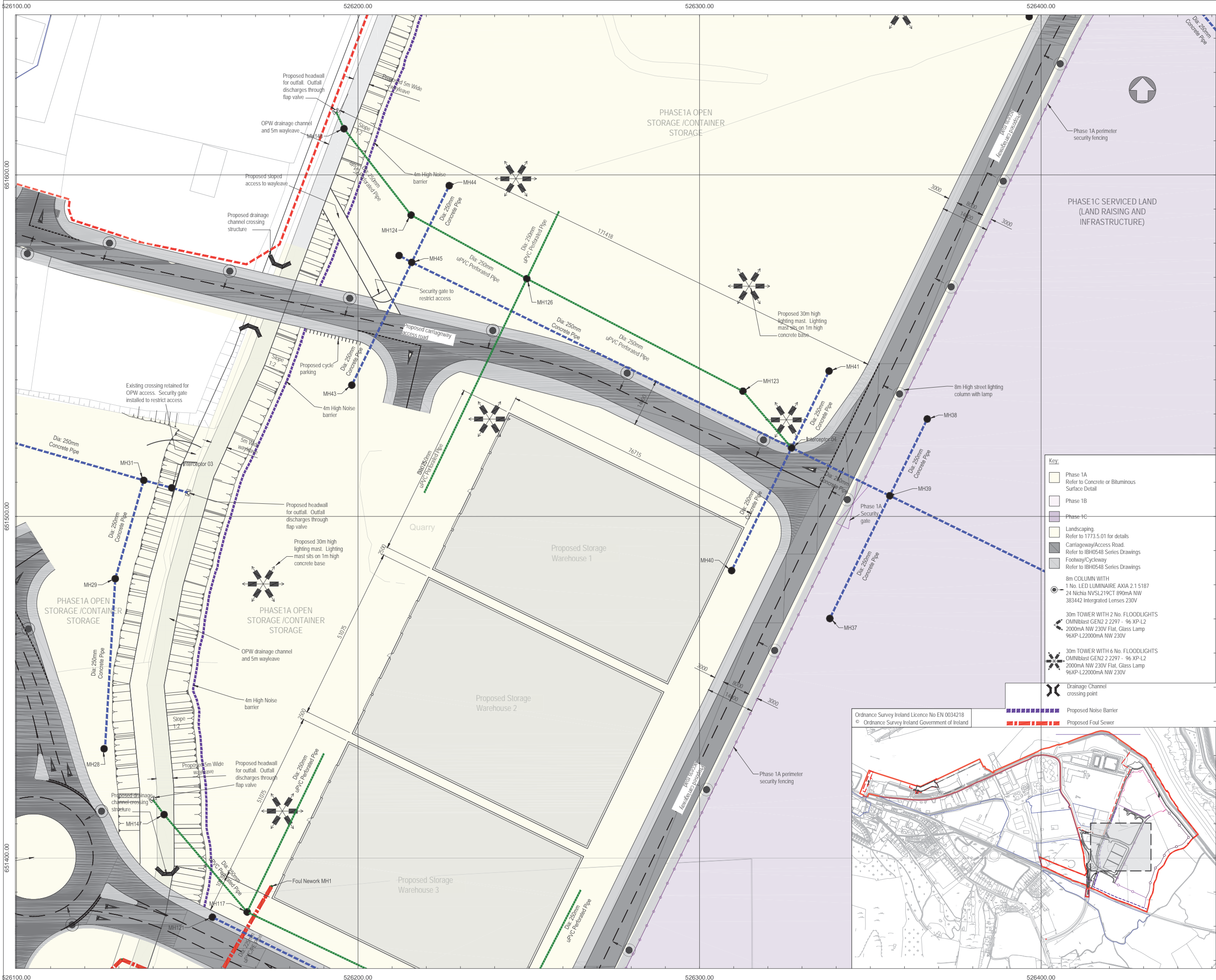
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0121	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.

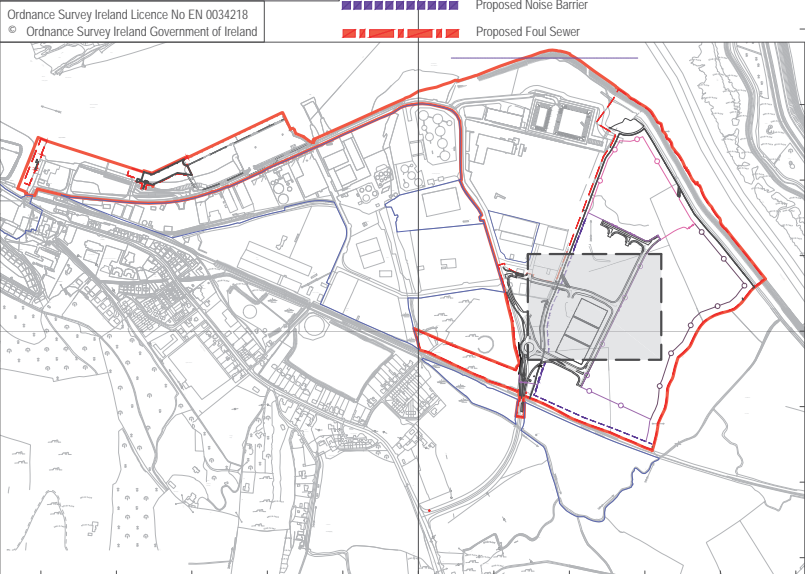
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**Key:**

- Phase 1A  
Refer to Concrete or Bituminous Surface Detail
- Phase 1B
- Phase 1C
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Refer to 1773.5.01 for details
- Carriageway/Access Road  
Refer to IBH0548 Series Drawings
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Refer to IBH0548 Series Drawings
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24 Nichia NVSL219CT 890mA NW  
383442 Integrated Lenses 230V
- 30m TOWER WITH 2 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2  
2000mA NW 230V Flat, Glass Lamp  
96XP-L22000mA NW 230V
- 30m TOWER WITH 6 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2  
2000mA NW 230V Flat, Glass Lamp  
96XP-L22000mA NW 230V
- Drainage Channel crossing point
- Proposed Noise Barrier
- Proposed Foul Sewer



**NOTES**

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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
1:2500	1:5000
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
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6. Projection: IRENET95 /Irish Transverse Mercator

**Key:**

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
- Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date

Client: Shannon Foynes Port Company

Project: Capacity Extension at Shannon Foynes

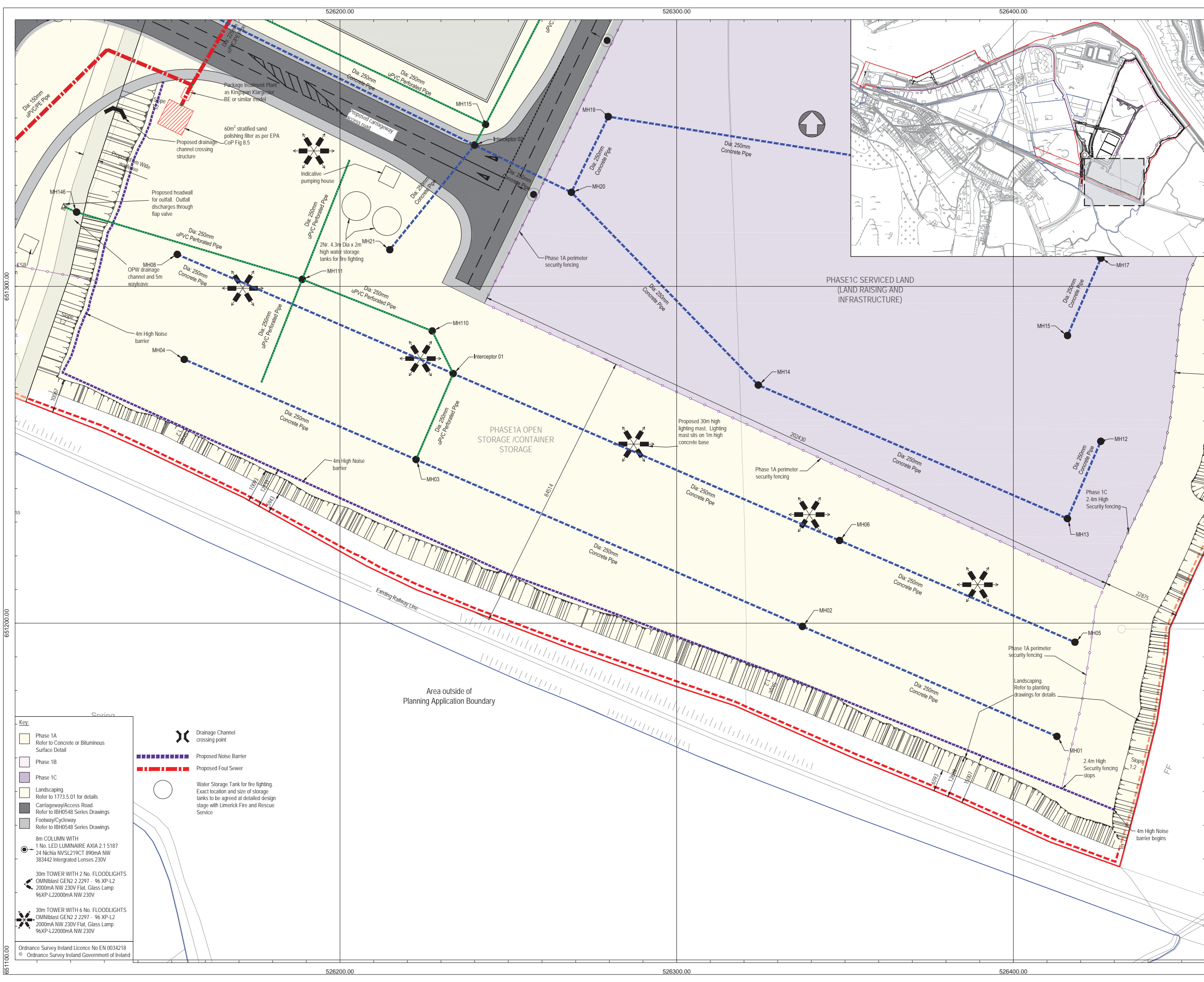
Title: Proposed Site Layout Plan Sheet 12

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0122	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





### NOTES

- Verifying Dimensions.**  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
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- DATUM:** Ordnance Datum Malin
- | Map Series  | Map Series   |
|---|--|
| 1:2500  | 1:5000   |
| 4794-D<br>REVISION DATE = 01-Nov-2005<br>SURVEY DATE = 01-Feb-1995<br>LEVELLED DATE = 31-Dec-1977 | 4794<br>REVISION DATE = 31-Dec-2000<br>SURVEY DATE = 31-Dec-2000 |
| 4795-A<br>REVISION DATE = 31-Dec-1980<br>SURVEY DATE = 31-Dec-1980                                | 4795<br>REVISION DATE = 31-Dec-2000<br>SURVEY DATE = 31-Dec-2000 |
| 4795-B<br>REVISION DATE = 24-Mar-2008<br>SURVEY DATE = 31-Dec-1980                                | 4858<br>REVISION DATE = 14-Oct-2009<br>SURVEY DATE = 31-Jul-2000 |
| 4795-C<br>REVISION DATE = 15-Mar-2010<br>SURVEY DATE = 01-Mar-1995<br>LEVELLED DATE = 31-Dec-1977 |  |
| 4795-D<br>REVISION DATE = 24-Mar-2008<br>SURVEY DATE = 30-Jun-2001                                |  |
| 4858-A<br>REVISION DATE = 14-Oct-2009<br>SURVEY DATE = 02-Jan-1995<br>LEVELLED DATE = 31-Dec-1981 |  |
| 4858-B<br>REVISION DATE = 14-Oct-2009<br>SURVEY DATE = 02-Jan-1995<br>LEVELLED DATE = 31-Dec-1977 |  |
| 4858-C<br>REVISION DATE = 31-Dec-1978<br>SURVEY DATE = 31-Dec-1978<br>LEVELLED DATE = 31-Dec-1981 |  |
| 4858-D<br>REVISION DATE = 31-Dec-1978<br>SURVEY DATE = 31-Dec-1978<br>LEVELLED DATE = 31-Dec-1977 |  |
- Projection:** IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
- Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date

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**W** [www.rpsgroup.com/ireland](http://www.rpsgroup.com/ireland)  
**E** [ireland@rpsgroup.com](mailto:ireland@rpsgroup.com)

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

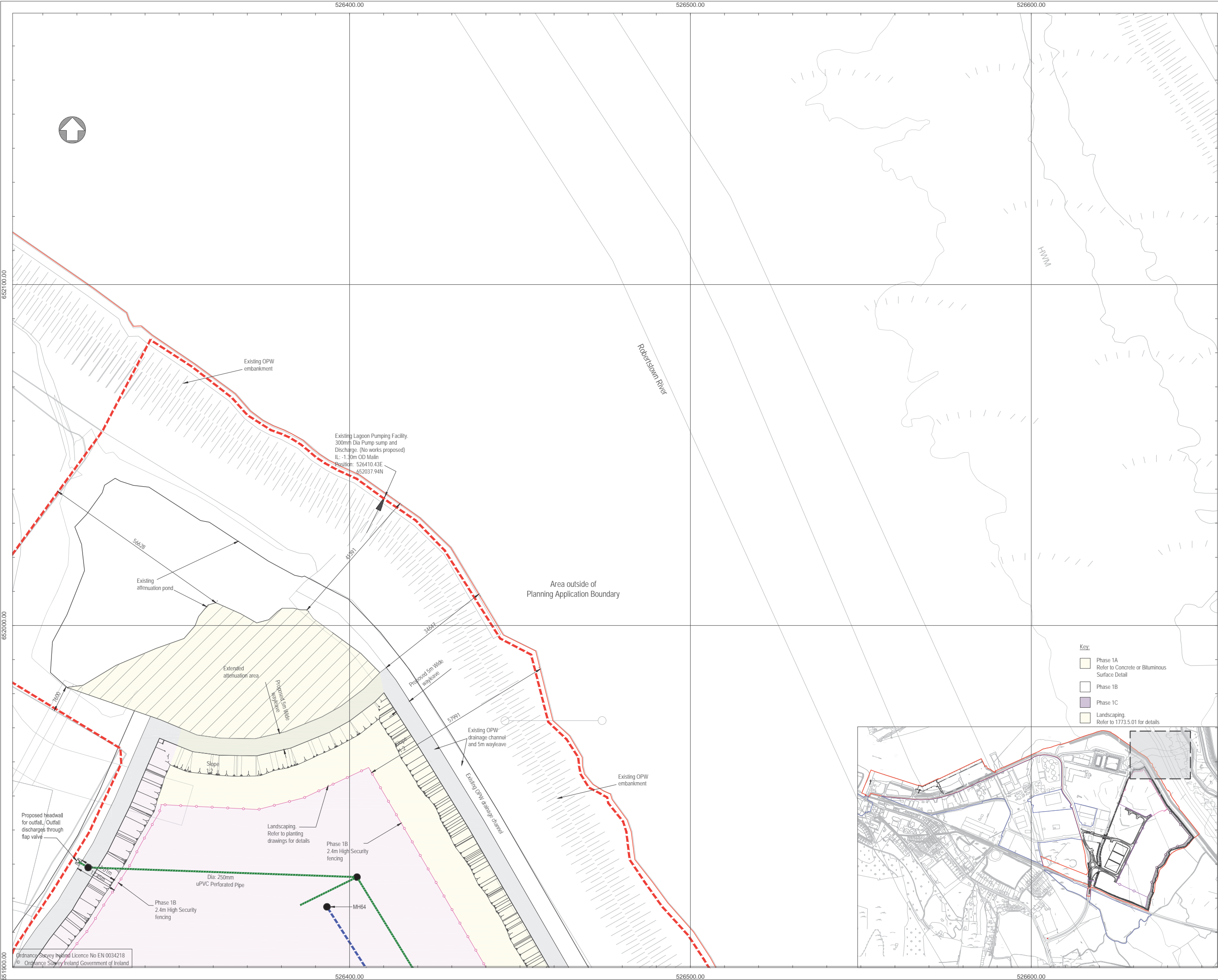
Title

Proposed Site Layout Plan Sheet 13

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0123	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



### NOTES

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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

6. Projection: IREN95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
- Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date

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E [ireland@rpsgroup.com](mailto:ireland@rpsgroup.com)

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

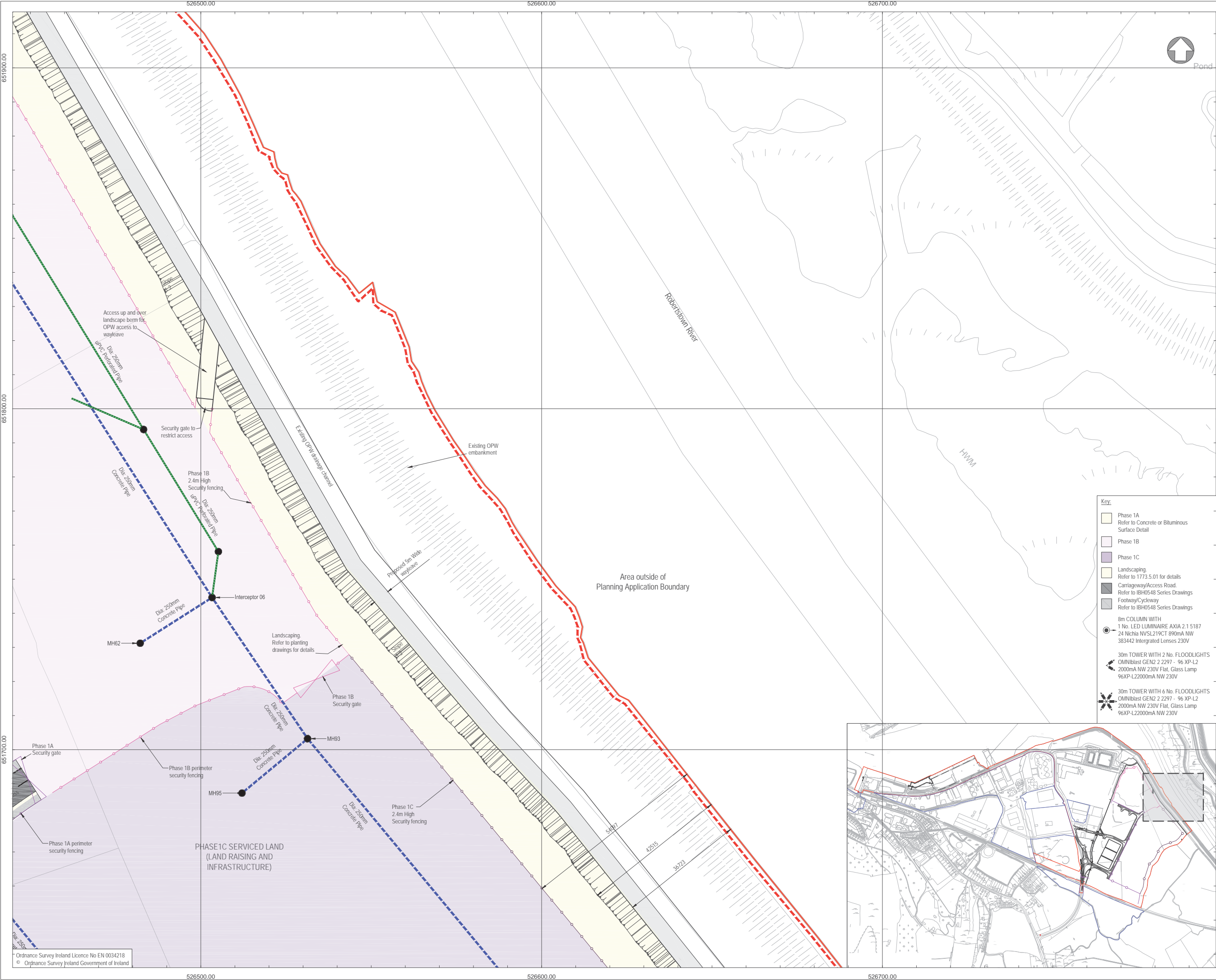
Proposed Site Layout Plan  
Sheet 14

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0124	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





### NOTES

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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
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rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

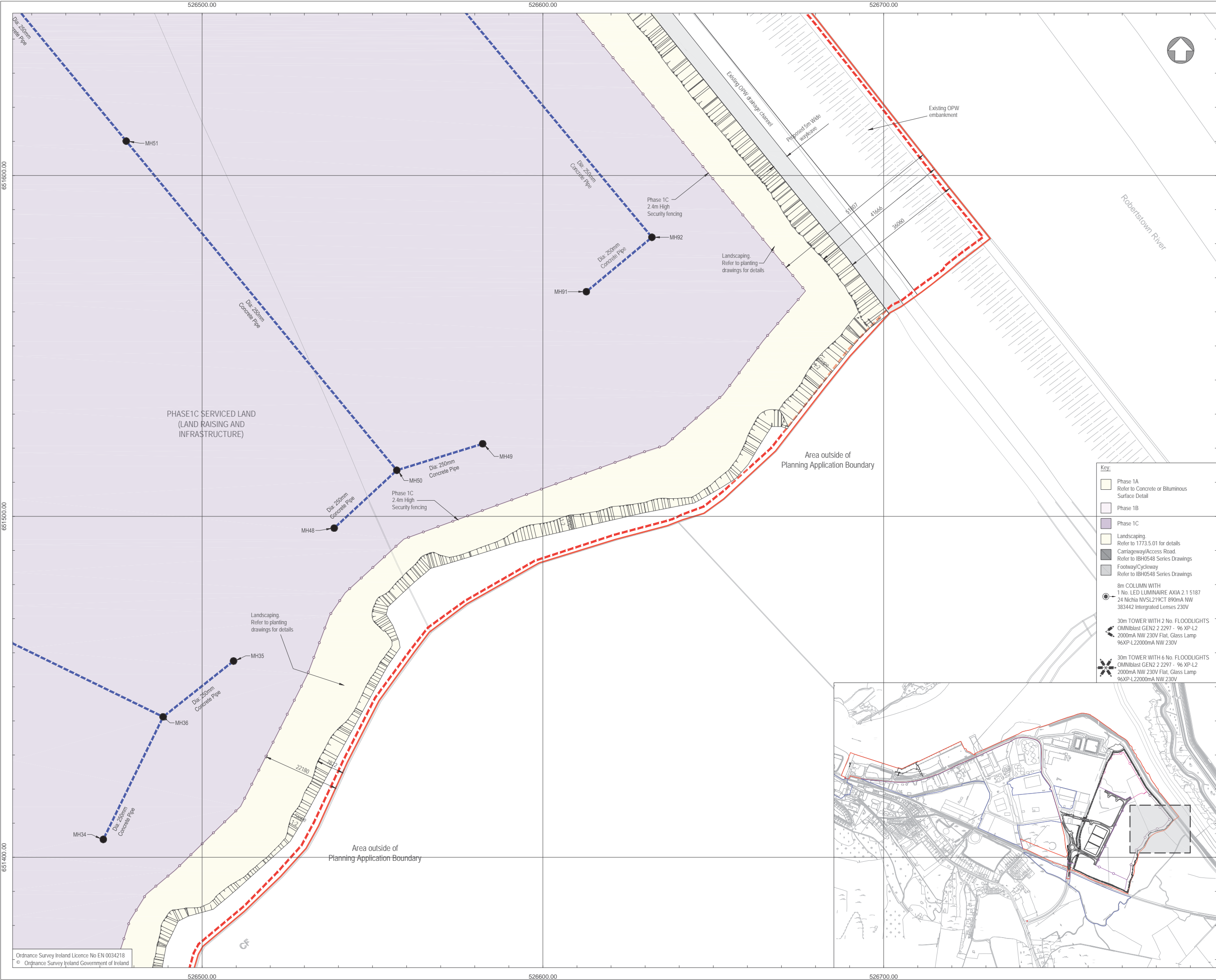
Title

Proposed Site Layout Plan Sheet 15

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0125	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



### NOTES

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4. DATUM: Ordnance Datum Malin

Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
- Proposed Development Area
- Site Notice (4Nr in total)
- National Road
- Secondary Road
- Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date

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E [ireland@rpsgroup.com](mailto:ireland@rpsgroup.com)

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

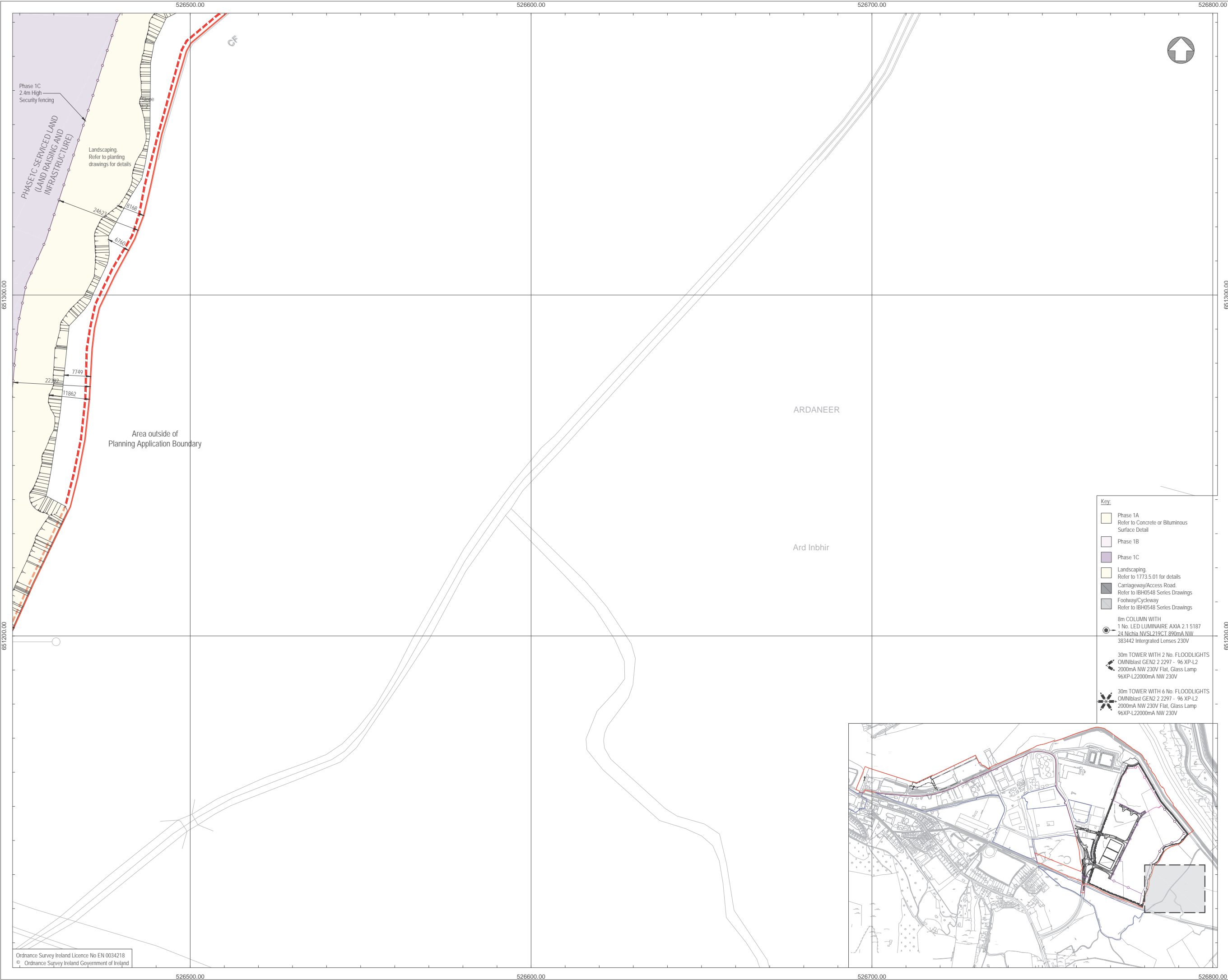
Proposed Site Layout Plan Sheet 16

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0126	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





### NOTES

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4. DATUM: Ordnance Datum Malin

5. Map Series

Map Series

1:2500

1:5000

4794-D

4794

REVISION DATE = 01-Nov-2005

REVISION DATE = 31-Dec-2000

SURVEY DATE = 01-Feb-1995

SURVEY DATE = 31-Dec-2000

LEVELLED DATE = 31-Dec-1977

4795-A

4795

REVISION DATE = 31-Dec-1980

REVISION DATE = 31-Dec-2000

SURVEY DATE = 31-Dec-1980

SURVEY DATE = 31-Dec-2000

1:5000

4795-B

4858

REVISION DATE = 24-Mar-2008

REVISION DATE = 14-Oct-2009

SURVEY DATE = 31-Dec-1980

SURVEY DATE = 31-Jul-2000

4795-C

4795

REVISION DATE = 15-Mar-2010

REVISION DATE = 31-Dec-1977

SURVEY DATE = 01-Mar-1995

LEVELLED DATE = 31-Dec-1977

4795-D

4795

REVISION DATE = 24-Mar-2008

REVISION DATE = 30-Jun-2001

SURVEY DATE = 30-Jun-2001

4858-A

4858

REVISION DATE = 14-Oct-2009

REVISION DATE = 02-Jan-1995

SURVEY DATE = 02-Jan-1995

LEVELLED DATE = 31-Dec-1981

4858-B

4858

REVISION DATE = 14-Oct-2009

REVISION DATE = 02-Jan-1995

SURVEY DATE = 02-Jan-1995

LEVELLED DATE = 31-Dec-1977

4858-C

4858

REVISION DATE = 31-Dec-1978

REVISION DATE = 31-Dec-1978

SURVEY DATE = 31-Dec-1978

LEVELLED DATE = 31-Dec-1981

4858-D

4858

REVISION DATE = 31-Dec-1978

REVISION DATE = 31-Dec-1978

SURVEY DATE = 31-Dec-1978

LEVELLED DATE = 31-Dec-1977

6. Projection: IRENET95 /Irish Transverse Mercator

Key:

Planning Boundary

Land in ownership of Applicant but not forming part of application

Proposed Development Area

Site Notice (4Nr in total)

National Road

Secondary Road

Proposed Drainage Pipe and Manhole

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

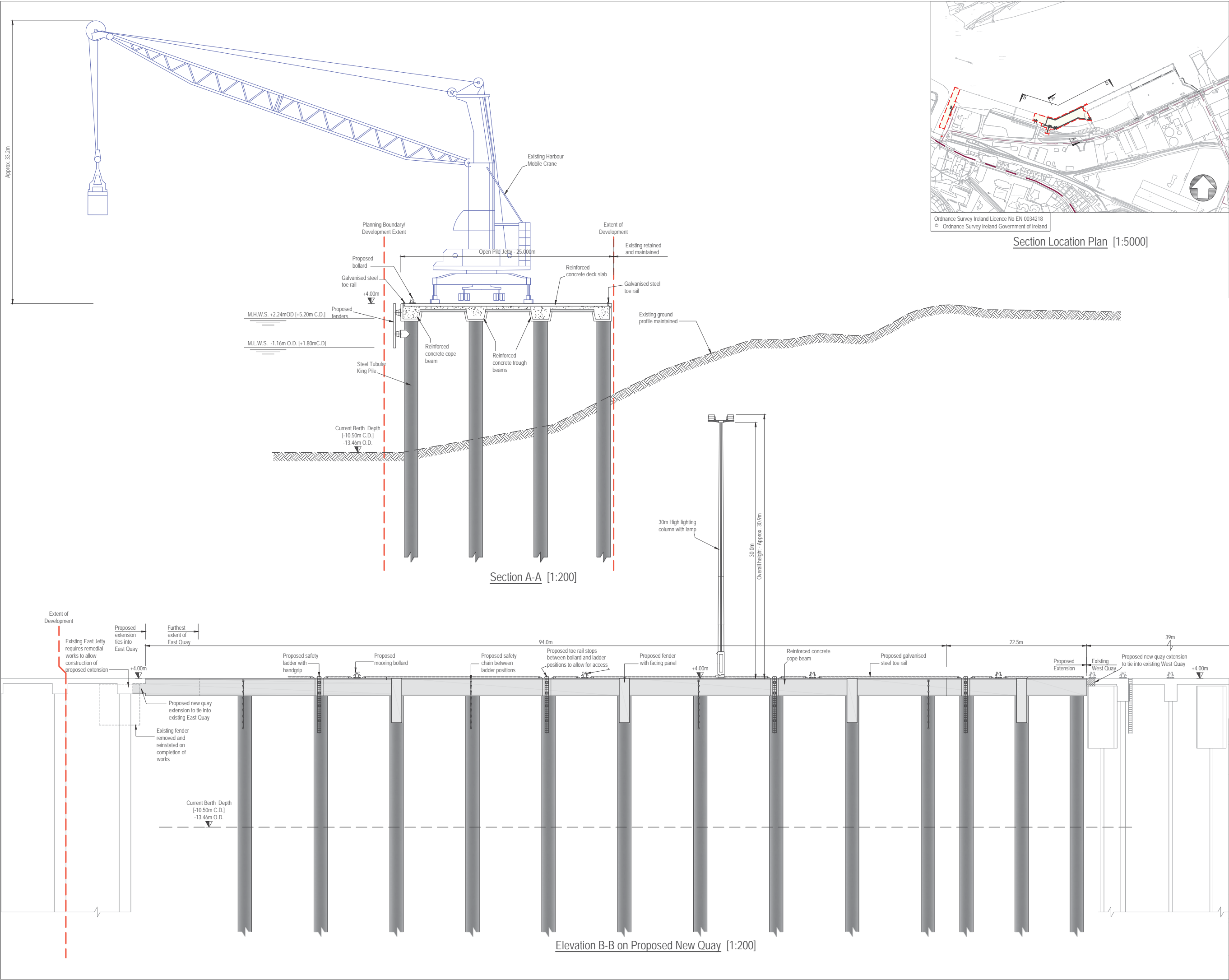
Title

Proposed Site Layout Plan Sheet 17

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0127	-

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



NOTES

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4. DATUM:    Ordnance Datum Malin

rev	amendments	drawn	date
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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Jetty-Typical Section and Elevation

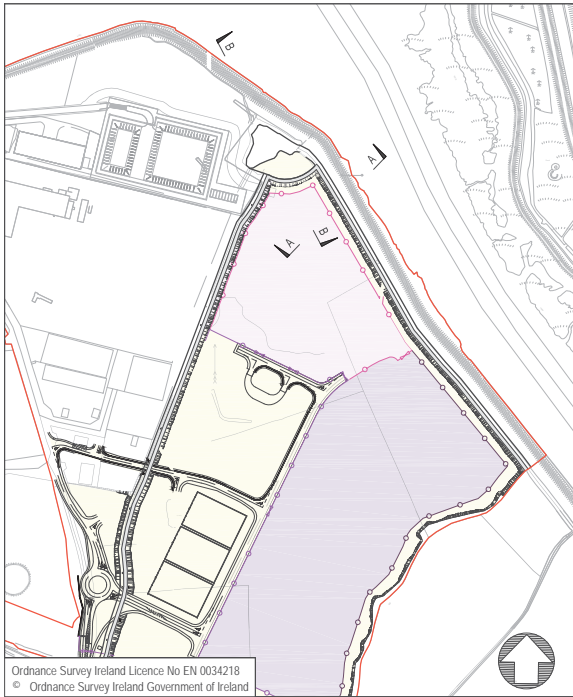
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Planning	A1	1:200 U.N.O.

Drawing Number	Rev	-
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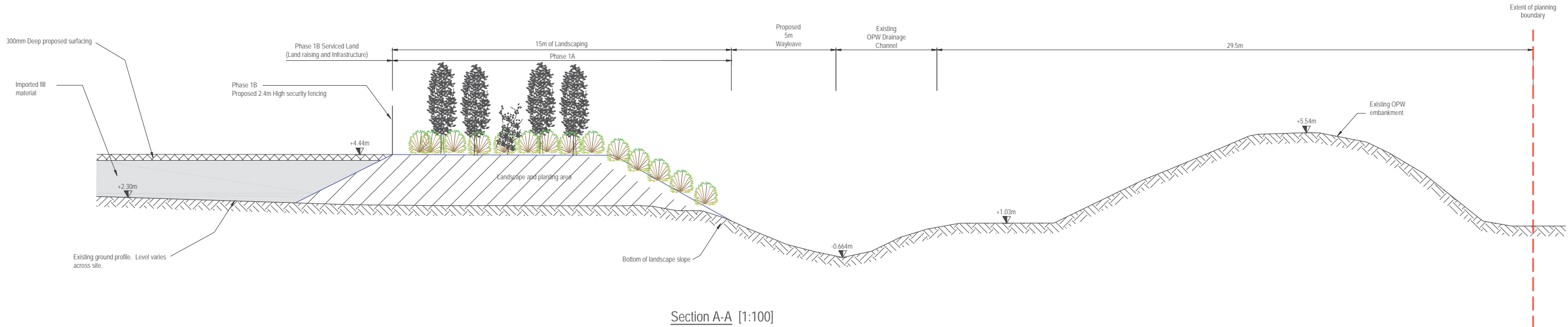
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Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





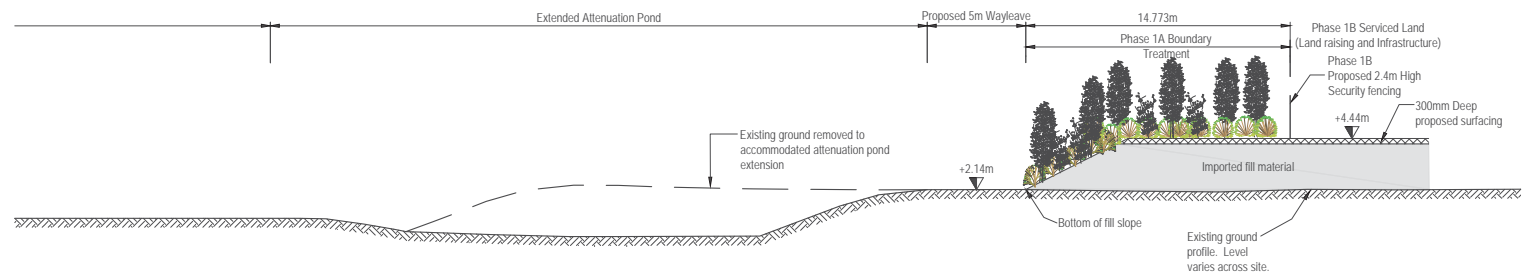
Section Location Plan [1:5000]



Section A-A [1:100]



Section B-B: Part 1 of 2 [1:200]



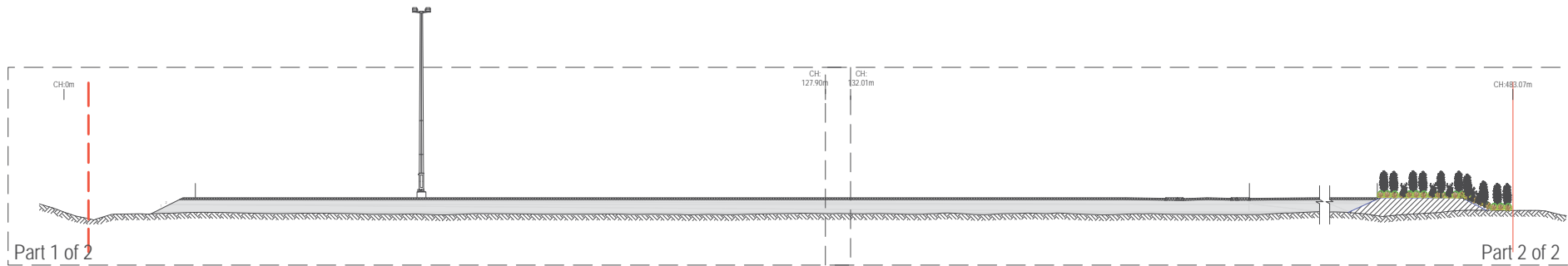
Section B-B: Part 2 of 2 [1:200]

#### NOTES

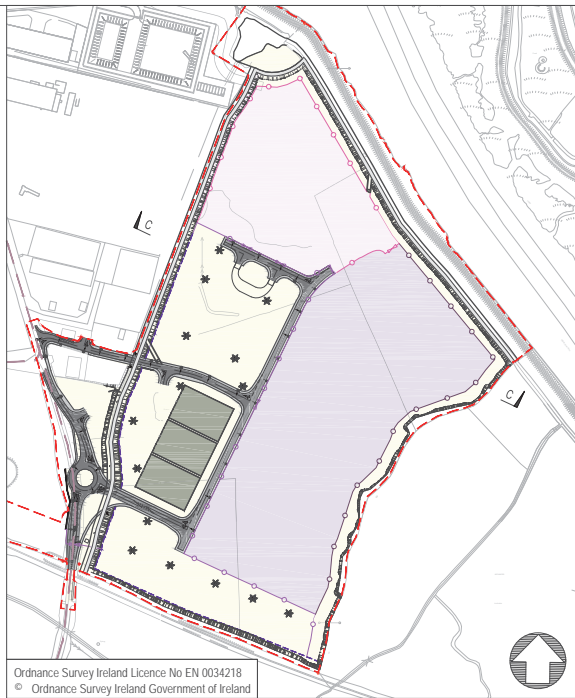
1. Verifying Dimensions.  
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4. DATUM: Ordnance Datum Malin

rev	amendments	drawn	date
<div><div><div>RPS</div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div></div><div><div>T</div><div>+44 (0) 28 90 667914</div></div><div><div>F</div><div>+44 (0) 28 90 668296</div></div><div><div>W</div><div>www.rpsgroup.com/ireland</div></div><div><div>E</div><div>ireland@rpsgroup.com</div></div></div>			
Client Shannon Foynes Port Company			
Project Capacity Extension at Shannon Foynes			
Title Durnish Lands Typical Sections Sheet 1			
Drawing Status Planning	Sheet Size A1	Drawing Scale As shown	
Drawing Number M0679-RPS-00-PL-DR-C-0131		Rev -	
Project Leader S.H.	Drawn By N.M.K.	Date 02/03/2018	Initial Review E.H.

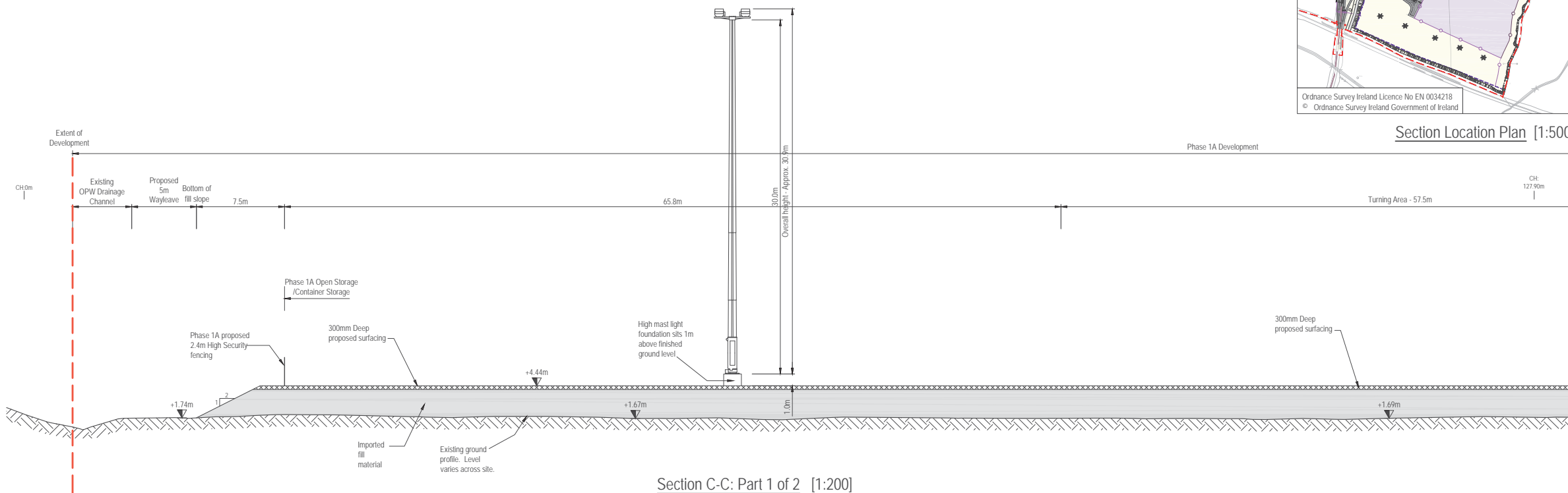




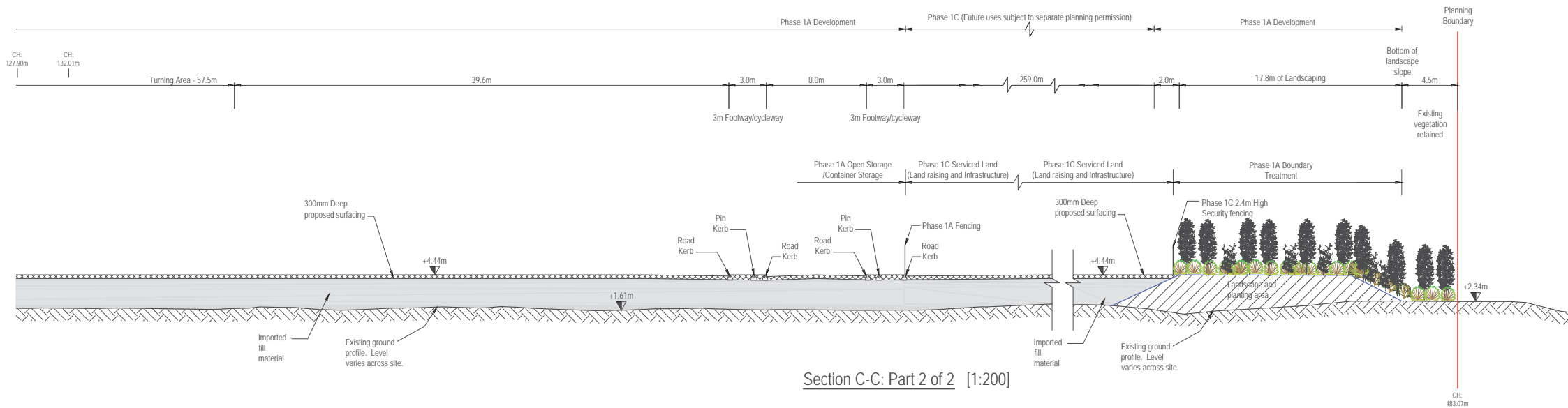
Section C-C: Key Plan [1:500]



Section Location Plan [1:5000]



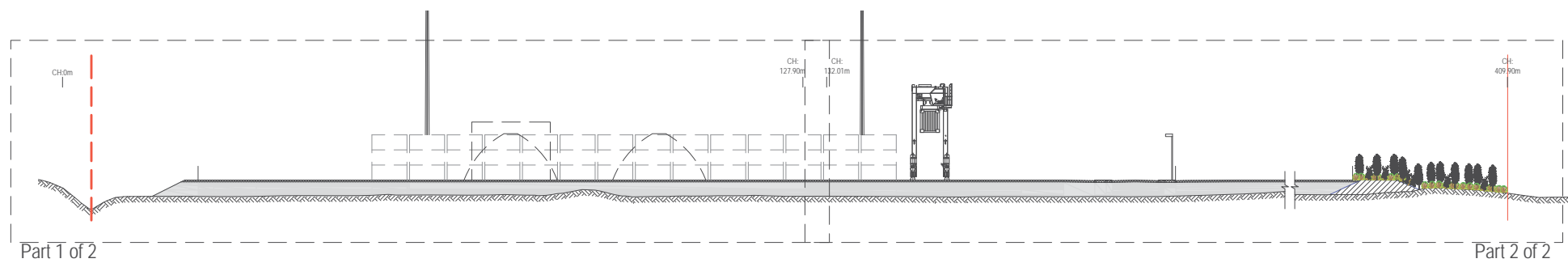
Section C-C: Part 1 of 2 [1:200]



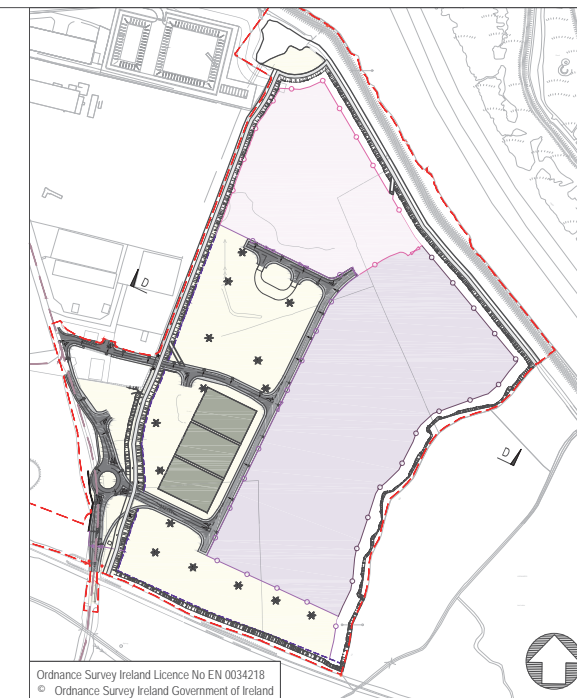
Section C-C: Part 2 of 2 [1:200]

- NOTES**
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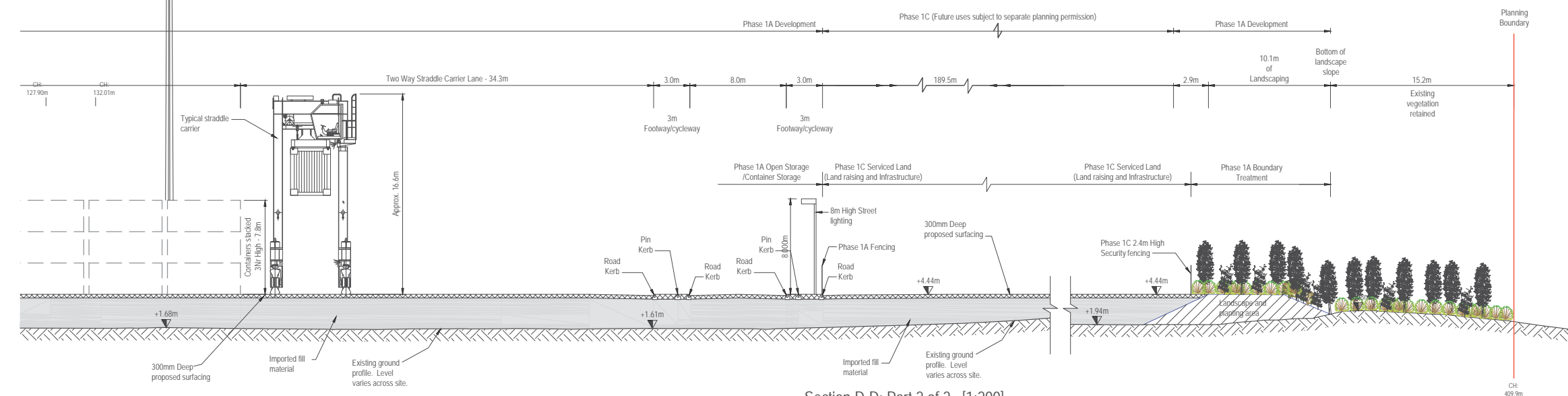
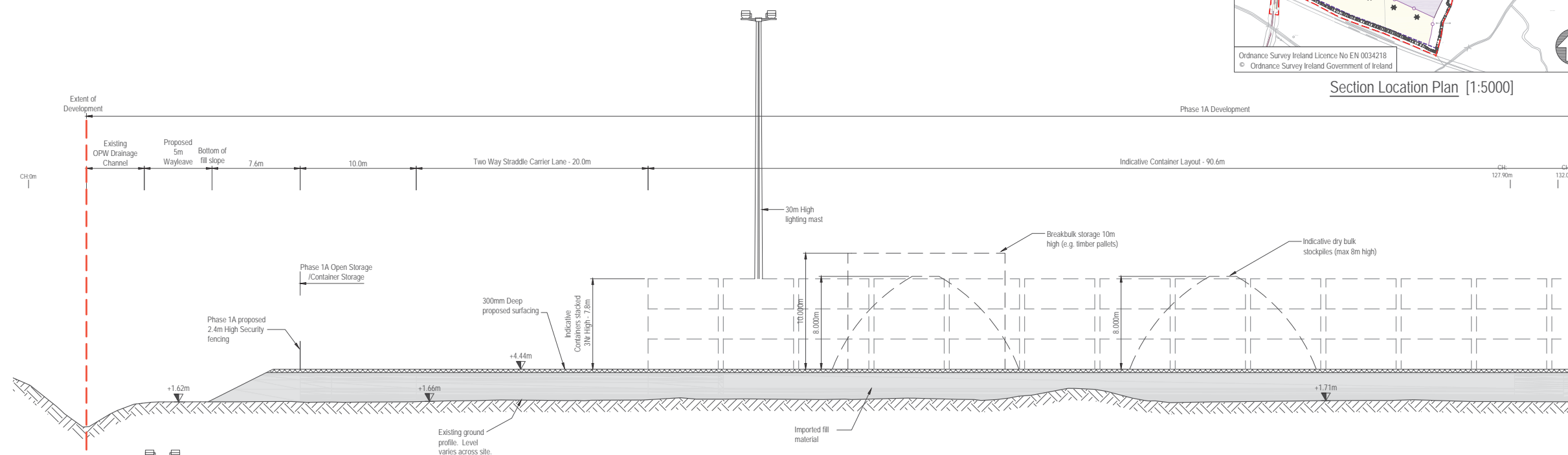
rev	amendments	drawn	date
<div><div><div>RPS</div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div></div><div><div>T</div><div>+44 (0) 28 90 667914</div></div><div><div>F</div><div>+44 (0) 28 90 668296</div></div><div><div>W</div><div>www.rpsgroup.com/ireland</div></div><div><div>E</div><div>ireland@rpsgroup.com</div></div></div>			
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Durnish Lands Typical Sections Sheet 2			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0132			
Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.




Section D-D: Key Plan [1:500]

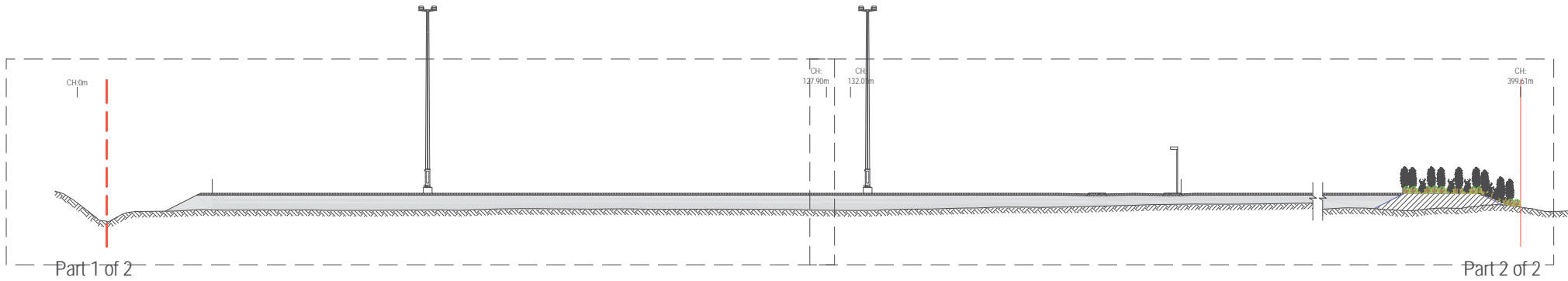


- ## NOTES
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  4. DATUM: Ordnance Datum Mean

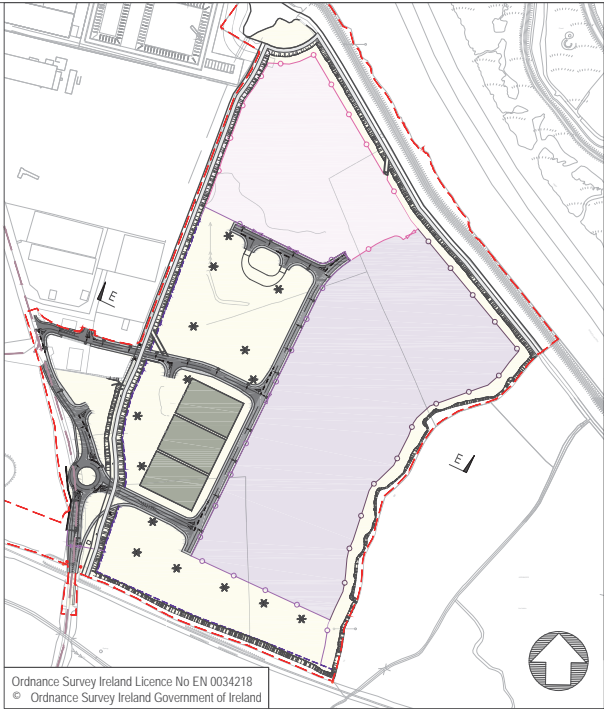


rev	amendments	drawn	date
 Elmwood House 74 Boucher Road Belfast BT12 6RZ		T +44 (0) 28 90 667914 F +44 (0) 28 90 668296 W <a href="http://www.rpsgroup.com/ireland">www.rpsgroup.com/ireland</a> E <a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a>	
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Durnish Lands Typical Sections Sheet 3			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number		Rev	-
M0679-RPS-00-PL-DR-C-0133			
Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.



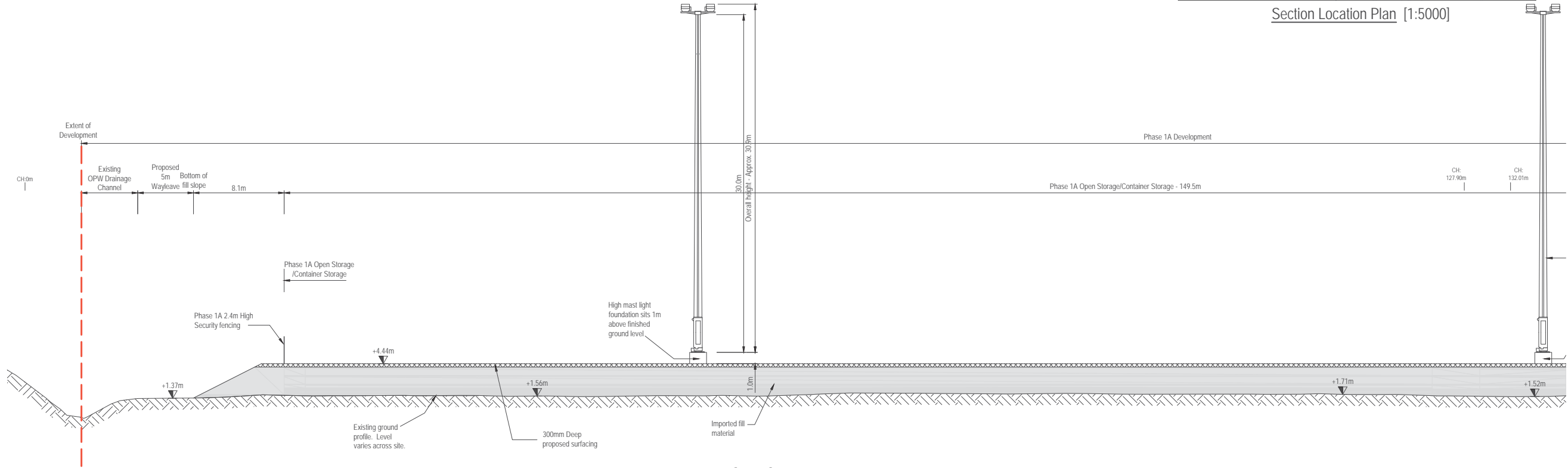


Section E-E: Key Plan [1:500]

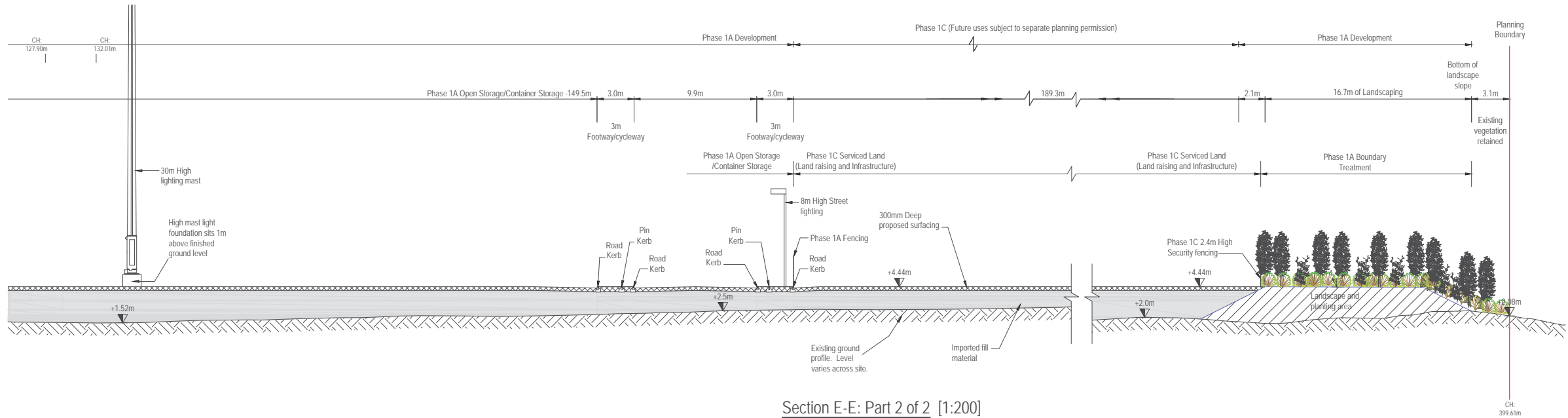


Section Location Plan [1:5000]

- NOTES**
1. Verifying Dimensions.  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
  2. Existing Services.  
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  4. DATUM: Ordnance Datum Malin

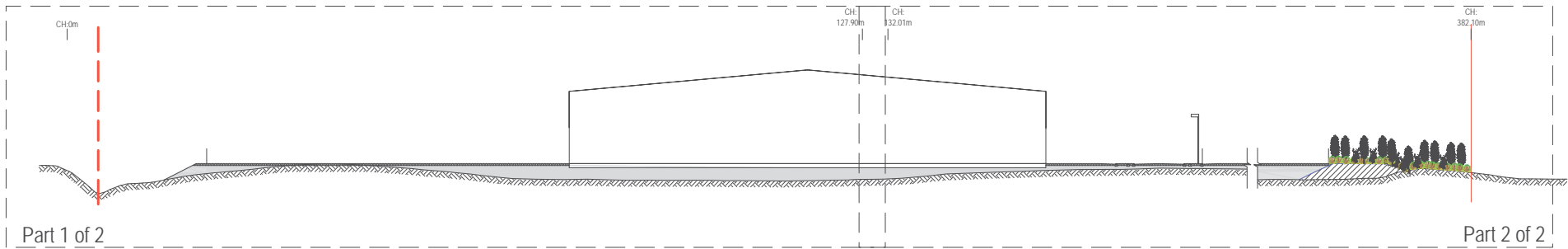


Section E-E: Part 1 of 2 [1:200]

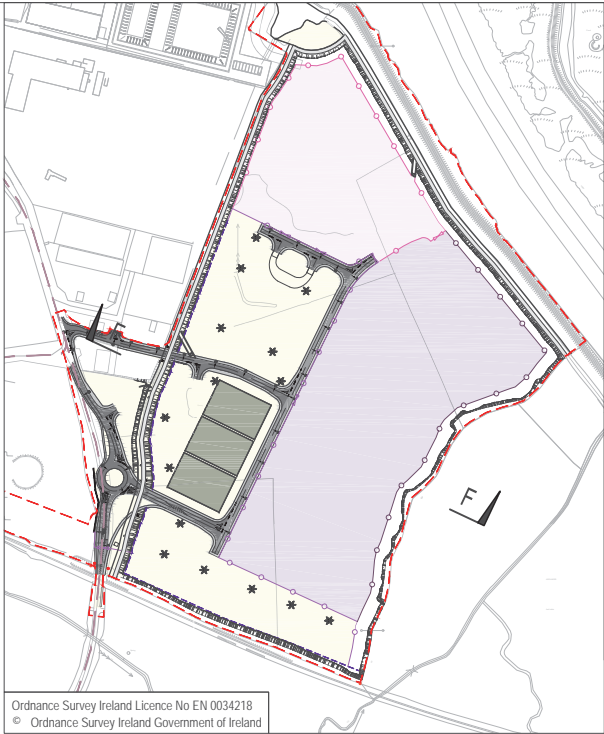


Section E-E: Part 2 of 2 [1:200]

rev	amendments	drawn	date
<div><div>RPS</div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div><div>T +44 (0) 28 90 667914 F +44 (0) 28 90 668286 W www.rpsgroup.com/ireland E ireland@rpsgroup.com</div></div>			
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Durnish Lands Typical Sections Sheet 4			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0134			
Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.

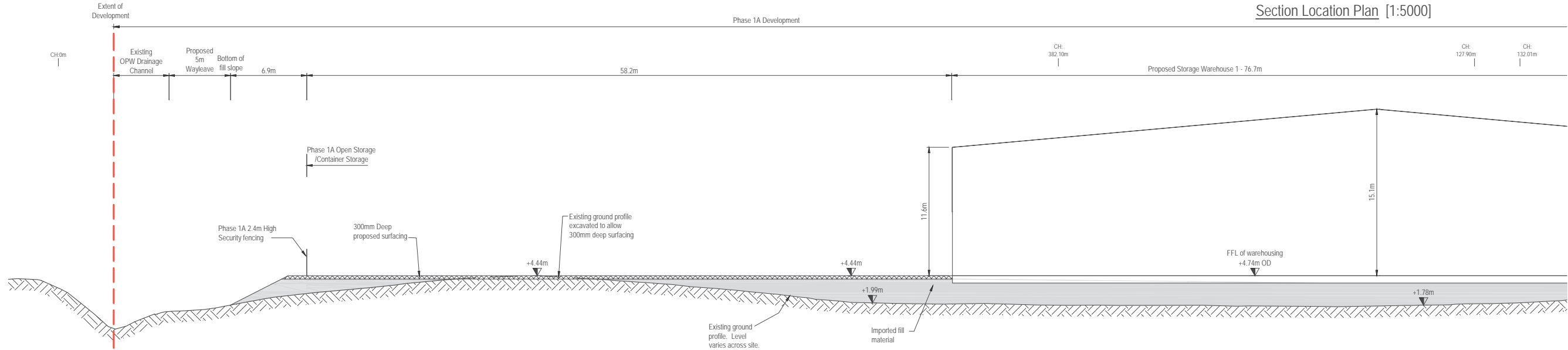


Section F-F: Key Plan [1:500]

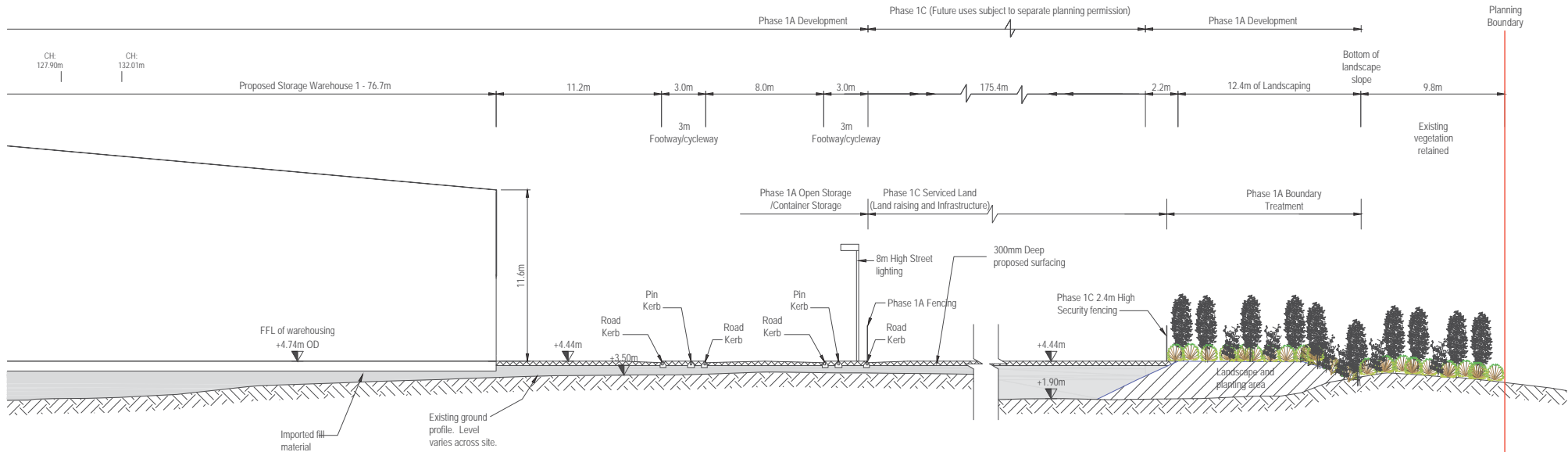


Section Location Plan [1:5000]

- NOTES**
1. Verifying Dimensions.  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
  2. Existing Services.  
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  4. DATUM: Ordnance Datum Malin



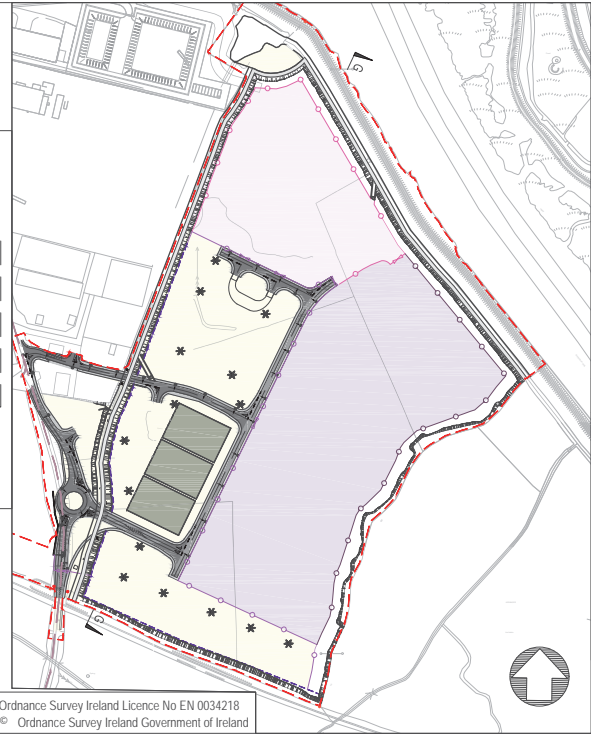
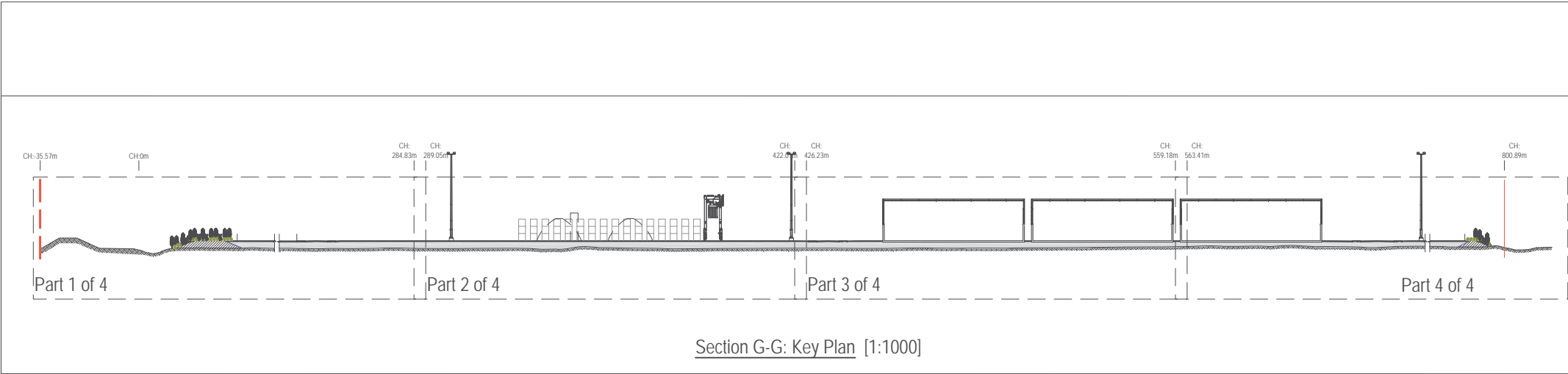
Section F-F: Part 1 of 2 [1:200]



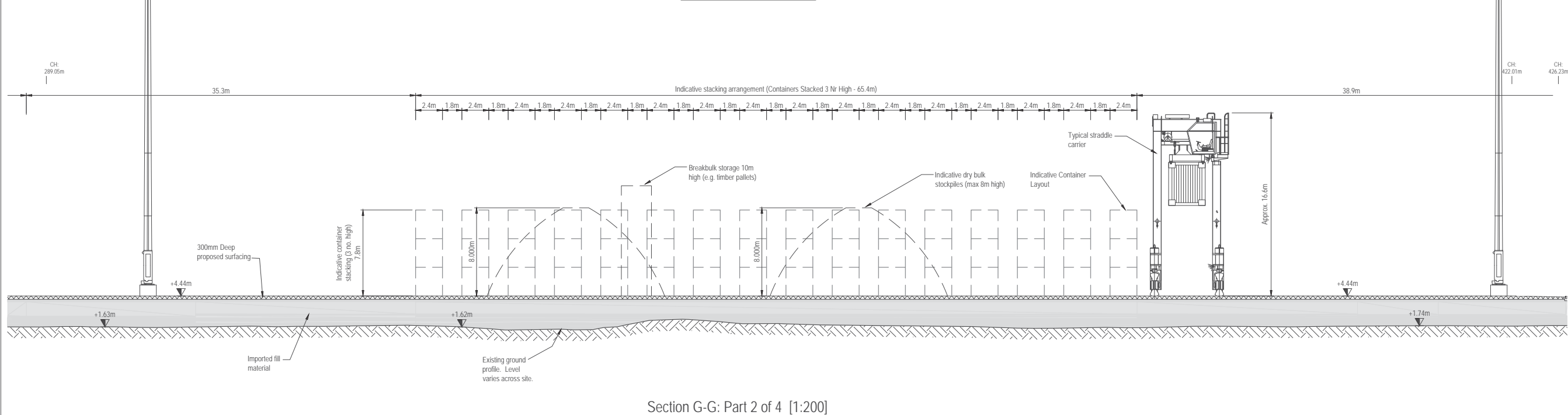
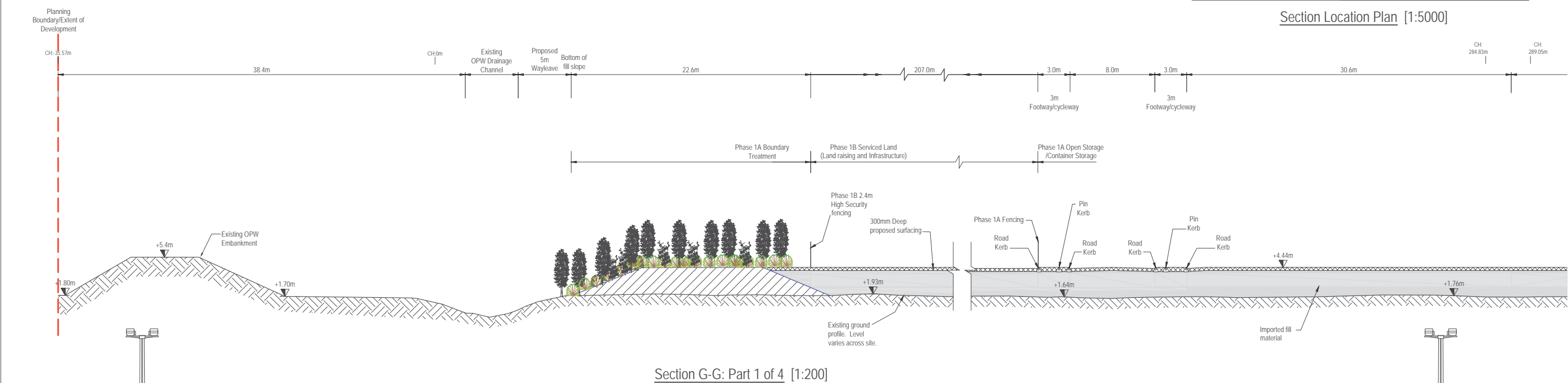
Section F-F: Part 2 of 2 [1:200]

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<div><div>RPS</div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div><div>T +44 (0) 28 90 667914 F +44 (0) 28 90 668286 W www.rpsgroup.com/ireland E ireland@rpsgroup.com</div></div>			
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Durnish Lands Typical Sections Sheet 5			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0135			
Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.

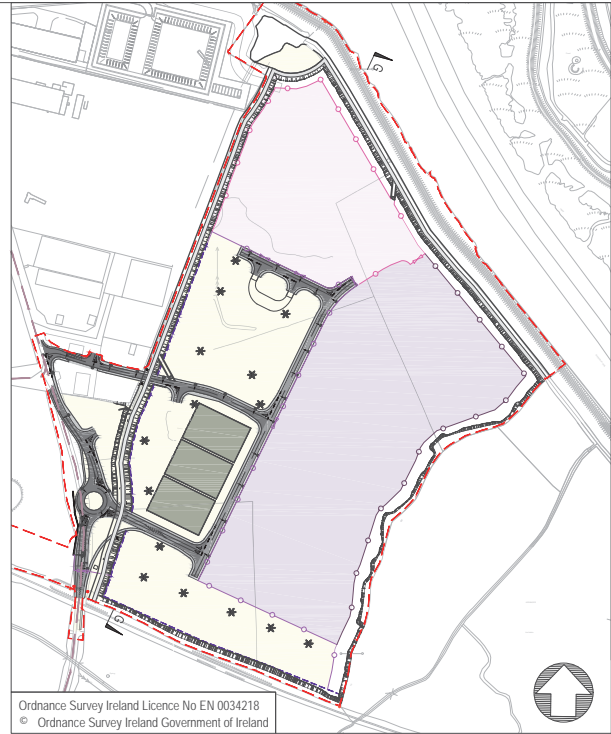
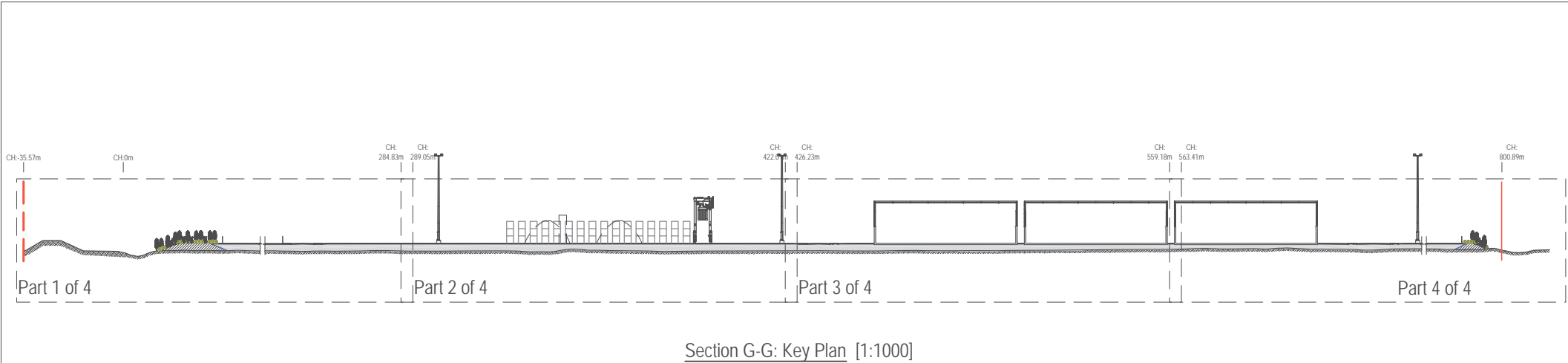




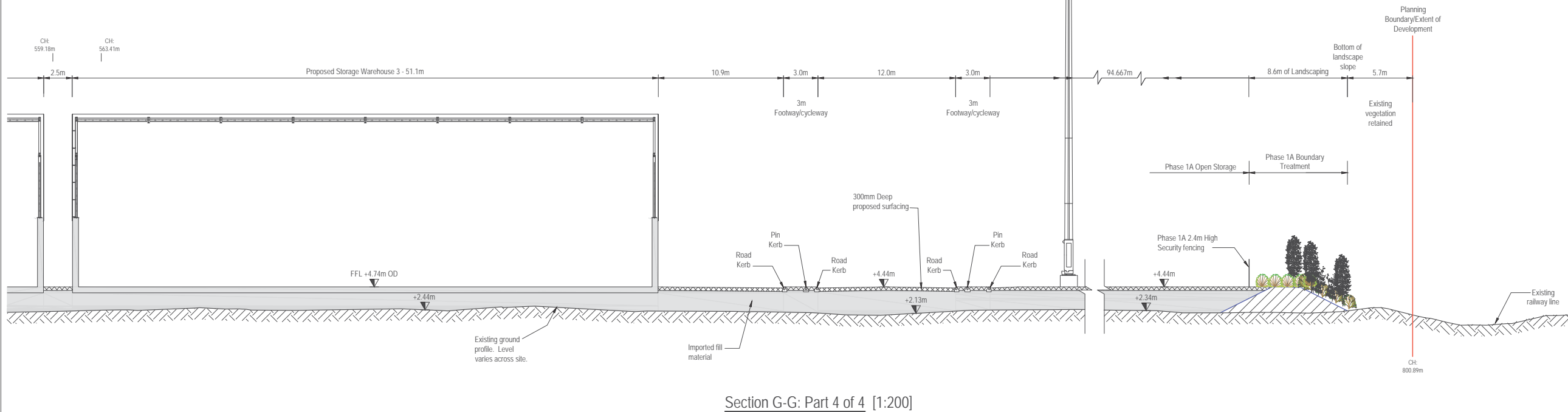
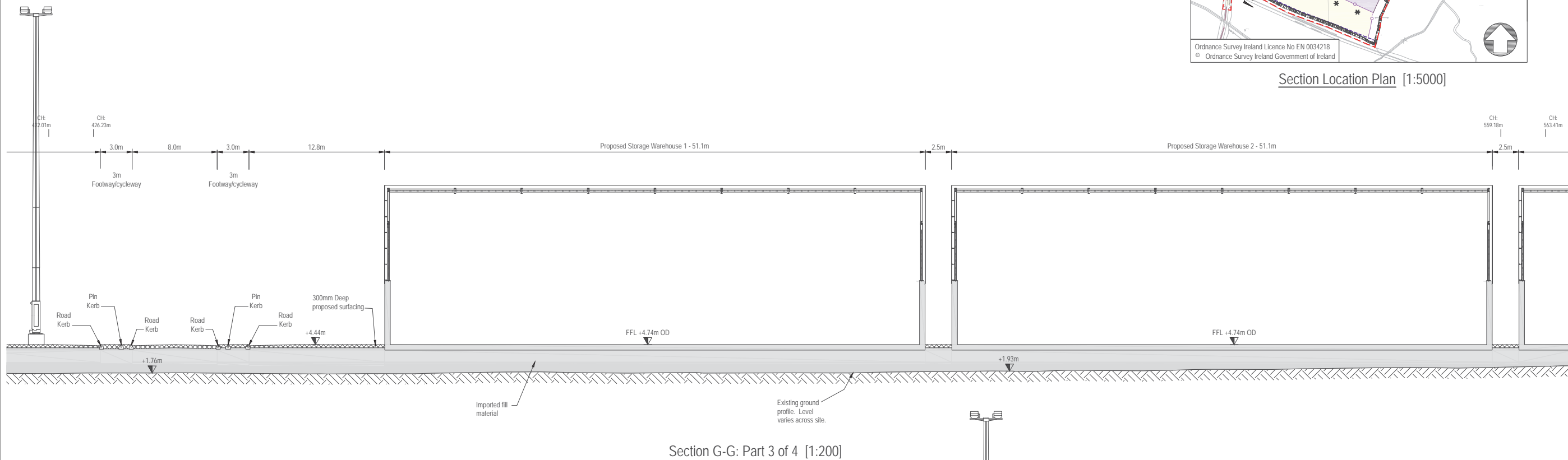
- NOTES**
1. Verifying Dimensions.  
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  2. Existing Services.  
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  4. DATUM: Ordnance Datum Malin



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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Durnish Lands Typical Sections Sheet 6			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0136			
Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.

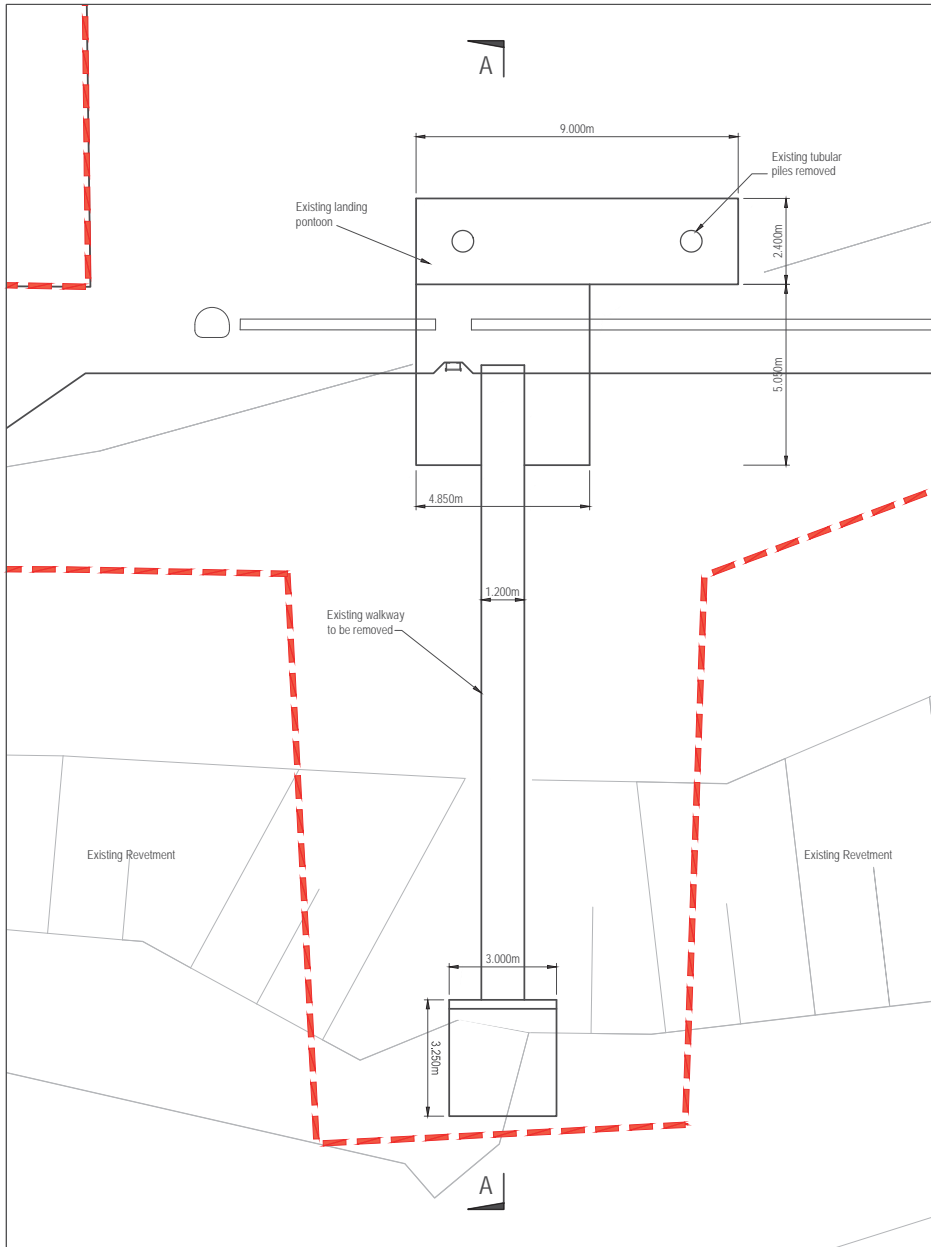


- NOTES**
1. Verifying Dimensions.  
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  2. Existing Services.  
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  4. DATUM: Ordnance Datum Malin

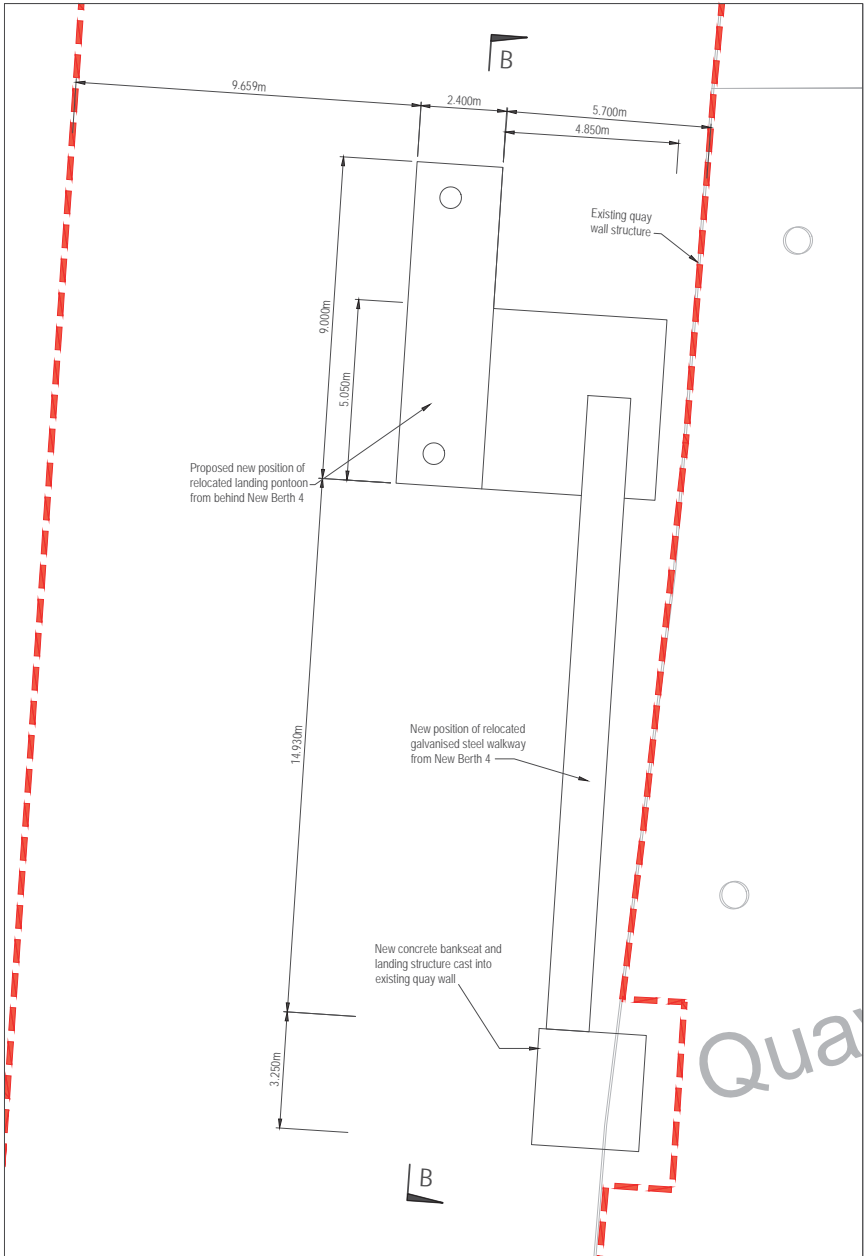


rev	amendments	drawn	date
<div><div>RPS</div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div><div>T +44 (0) 28 90 667914 F +44 (0) 28 90 668286 W www.rpsgroup.com/ireland E ireland@rpsgroup.com</div></div>			
Client Shannon Foynes Port Company			
Project Capacity Extension at Shannon Foynes			
Title Durnish Lands Typical Sections Sheet 7			
Drawing Status Planning	Sheet Size A1	Drawing Scale As Shown	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0137			
Project Leader S.H.	Drawn By N.M.K.	Date 02/03/2018	Initial Review E.H.

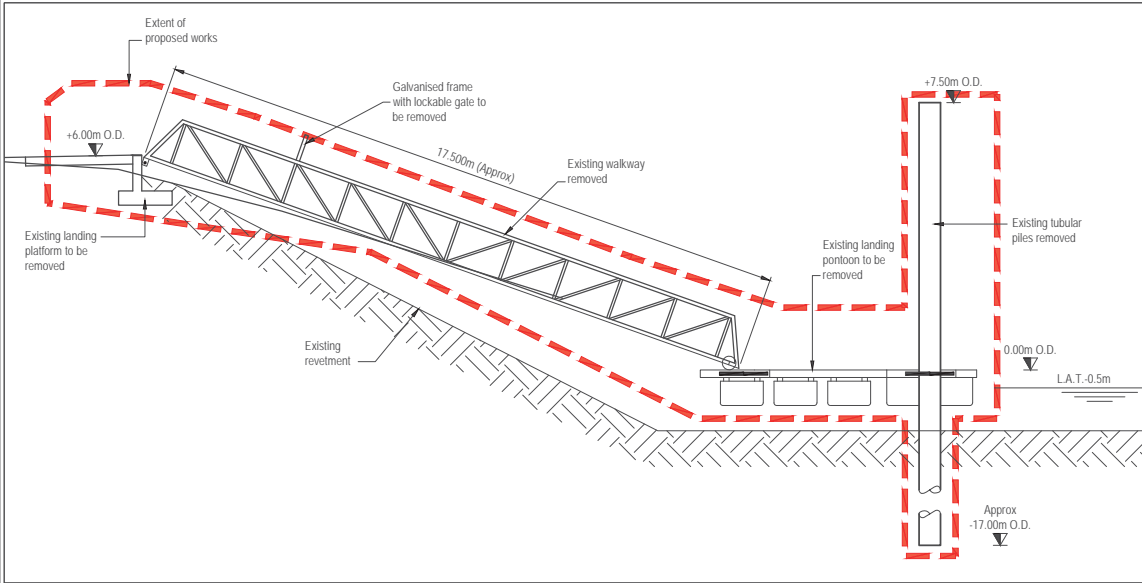




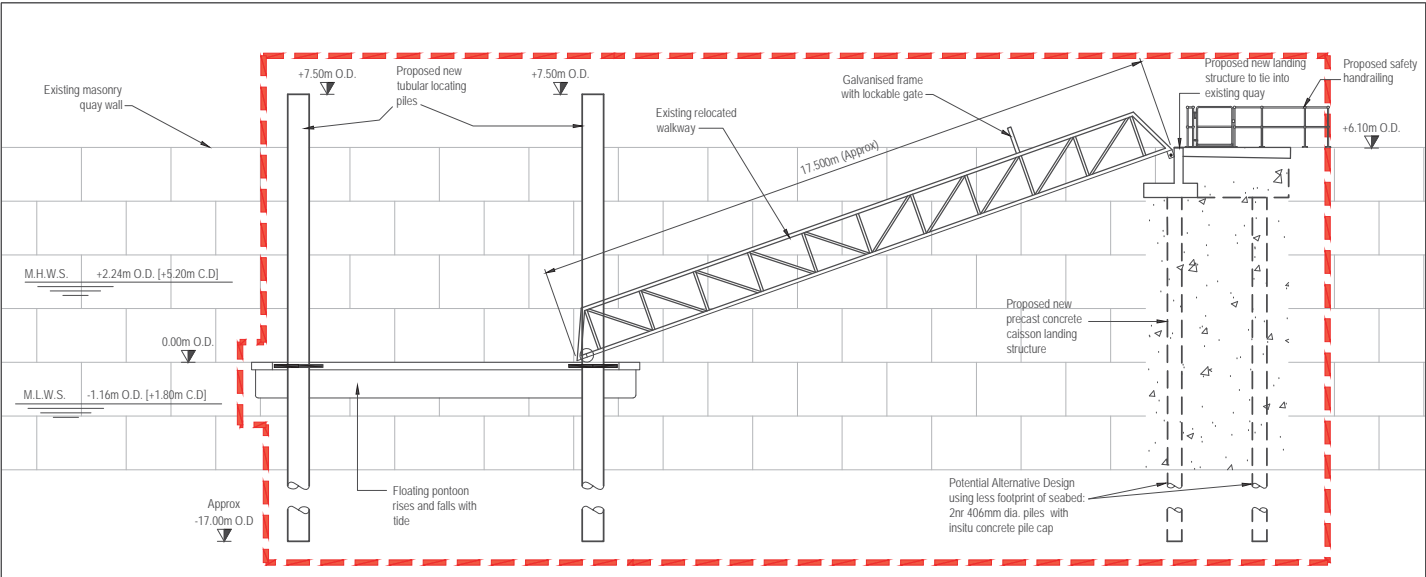
Existing Pontoon Plan [1:100]  
(TO BE REMOVED)



Proposed Pontoon Plan [1:100]




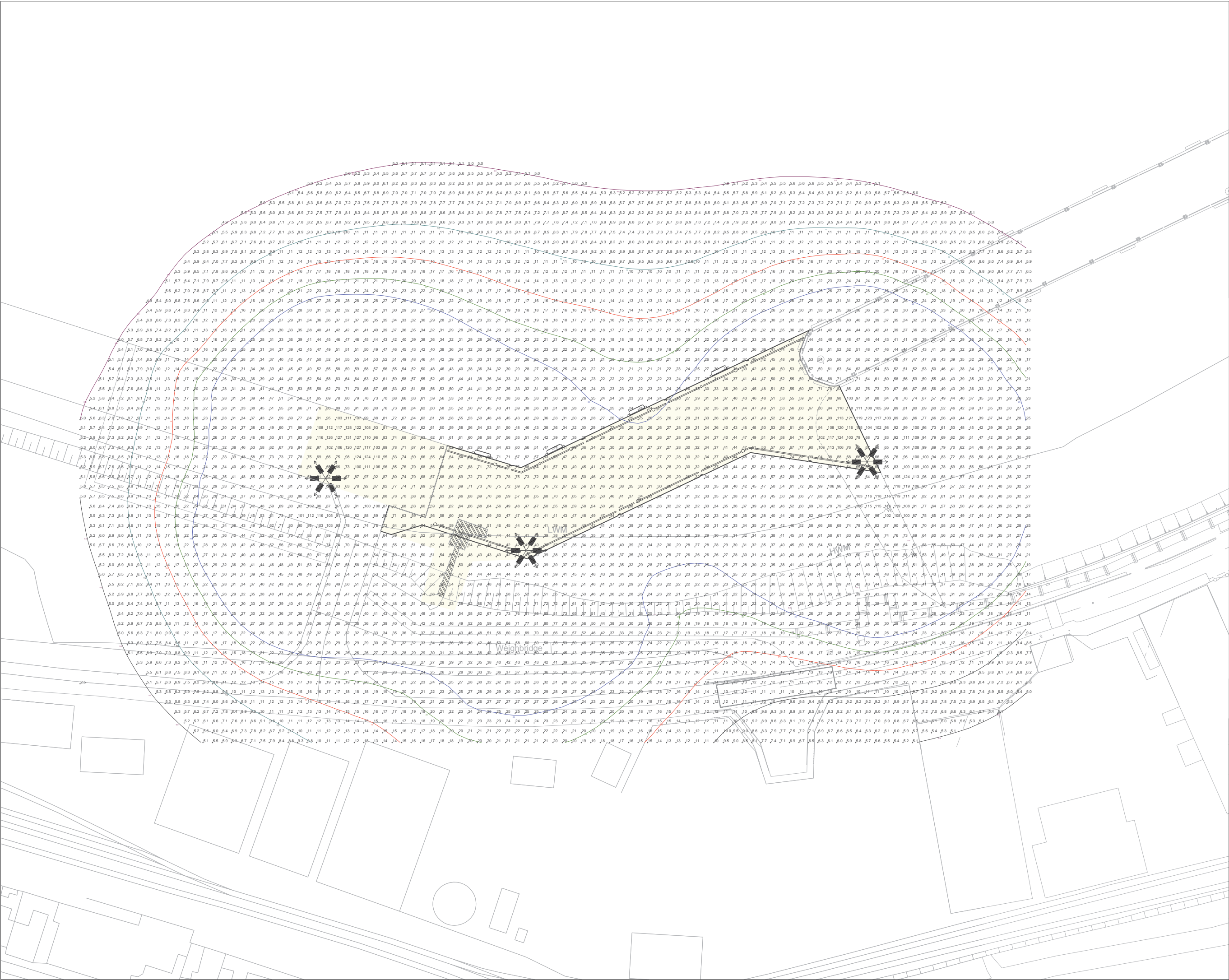
Existing Pontoon Section A-A [1:100]  
(TO BE REMOVED)



Proposed Pontoon Section B-B [1:100]

- NOTES**
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  - DATUM: Ordnance Datum Malin

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	Elmwood House	T	+44 (0) 28 90 667914
	74 Boucher Road	F	+44 (0) 28 90 668296
	Belfast	W	<a href="http://www.rpsgroup.com/ireland">www.rpsgroup.com/ireland</a>
	BT12 6RZ	E	<a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a>
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Existing and Proposed Pontoon			
Drawing Status		Sheet Size	Drawing Scale
Planning		A1	1:100
Drawing Number		Rev -	
M0679-RPS-00-PL-DR-C-0138			
Project Leader	Drawn By	Date	Initial Review
S.H.	P.M.	March 2018	E.H.



NOTES

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4. DATUM:   Ordnance Datum Malin

Key:

5 Lux Contour

10 Lux Contour

15 Lux Contour

20 Lux Contour

25 Lux Contour

30m TOWER WITH 6 No. FLOODLIGHTS

OMNIBlast GEN2 2 2297 - 96 XP-L2 2000mA NW

230V Flat, Glass Lamp 96XP-L22000mA NW 230V

rev	amendments	drawn	date

RPS

Elmwood House

74 Boucher Road

Belfast

BT12 6RZ

T +44 (0) 28 90 667914

F +44 (0) 28 90 668286

W [www.rpsgroup.com/ireland](http://www.rpsgroup.com/ireland)

E [ireland@rpsgroup.com](mailto:ireland@rpsgroup.com)

Client

Shannon Foynes Port Company

Project

Capacity Extension At Shannon Foynes

Title

Proposed Lux Levels at New Quay

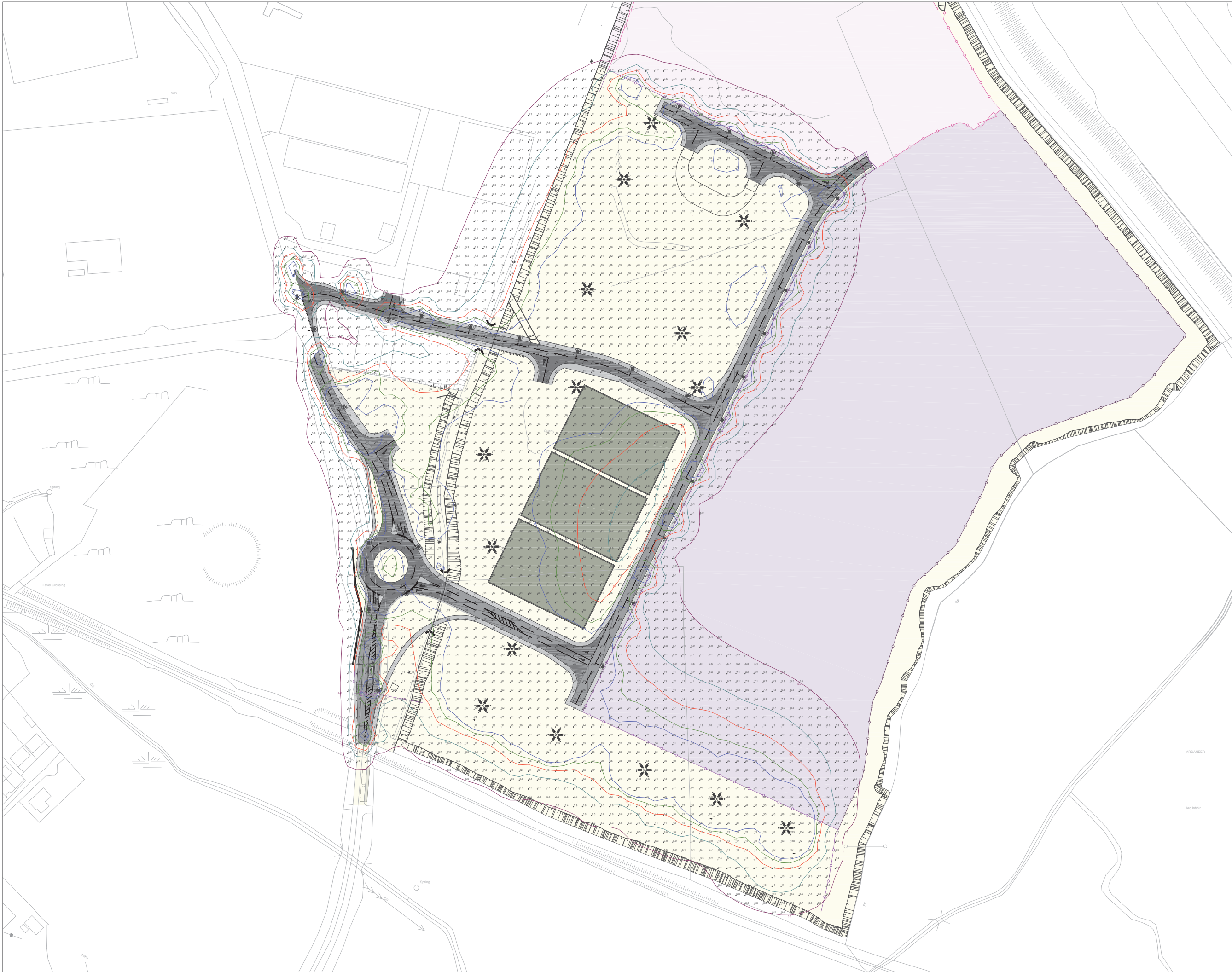
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev	-
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M0679-RPS-00-PL-DR-C-0144

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





NOTES

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4. DATUM: Ordnance Datum Malin

Key:

- 5 Lux Contour
- 10 Lux Contour
- 15 Lux Contour
- 20 Lux Contour
- 25 Lux Contour

- 30m TOWER WITH 6 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2 2000mA NW 230V Flat,  
Glass Lamp 96XP-L22000mA NW 230V
- 30m TOWER WITH 2 No. FLOODLIGHTS  
OMNIBlast GEN2 2 2297 - 96 XP-L2 2000mA NW 230V Flat,  
Glass Lamp 96XP-L22000mA NW 230V
- 8m COLUMN WITH 1 No. LED LUMINAIRE  
AXIA 2.1 5187 24 Nichia NVSL219CT 890mA NW 383442  
Integrated Lenses 230V

rev	amendments	drawn	date
-----	------------	-------	------

<b>RPS</b>	Elmwood House	T +44 (0) 28 90 667914
	74 Boucher Road	F +44 (0) 28 90 668286
	Belfast	W <a href="http://www.rpsgroup.com/ireland">www.rpsgroup.com/ireland</a>
	BT12 6RZ	E <a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a>

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

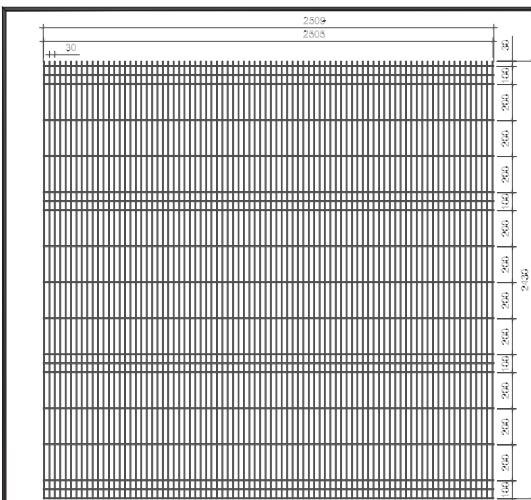
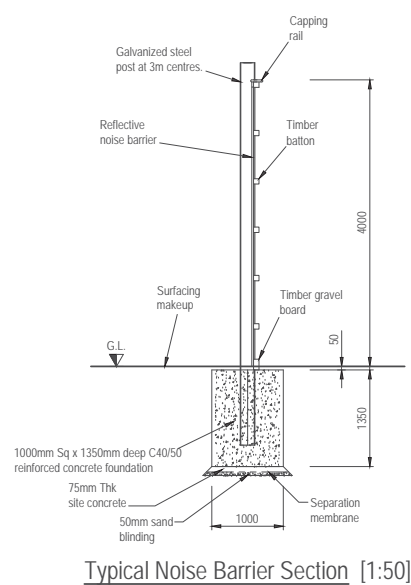
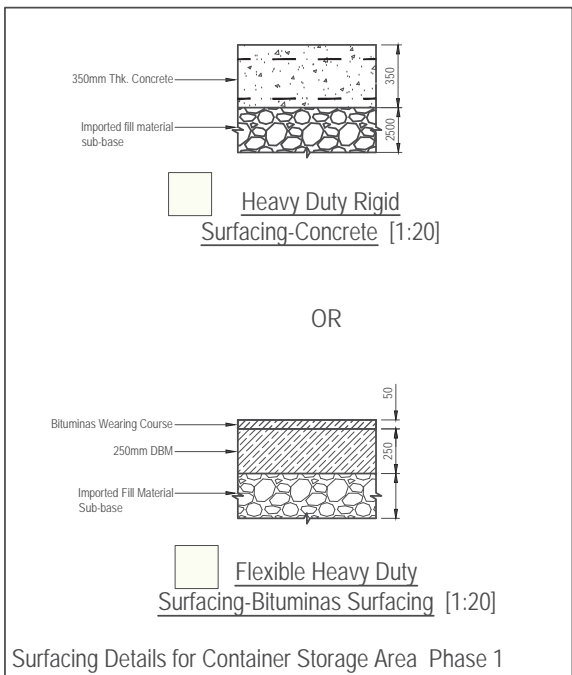
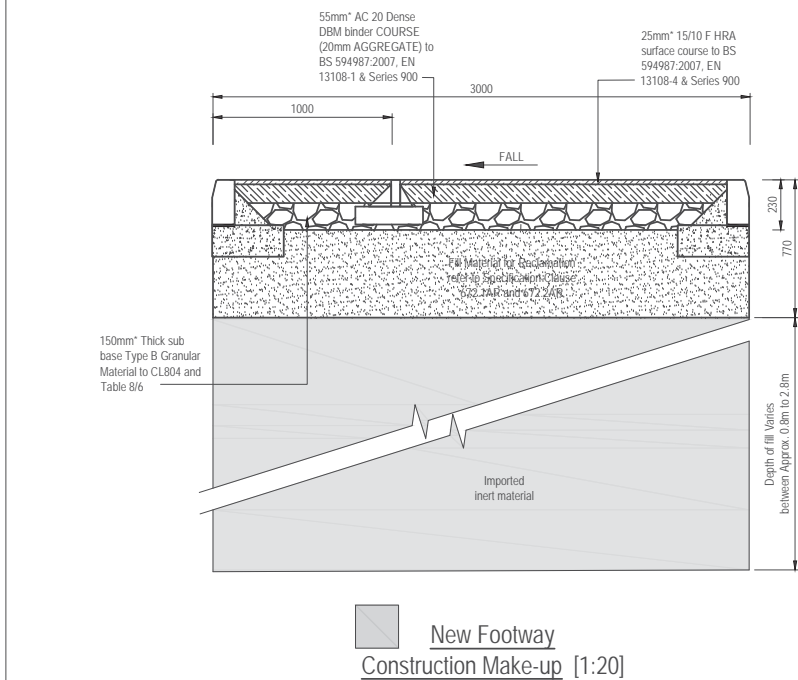
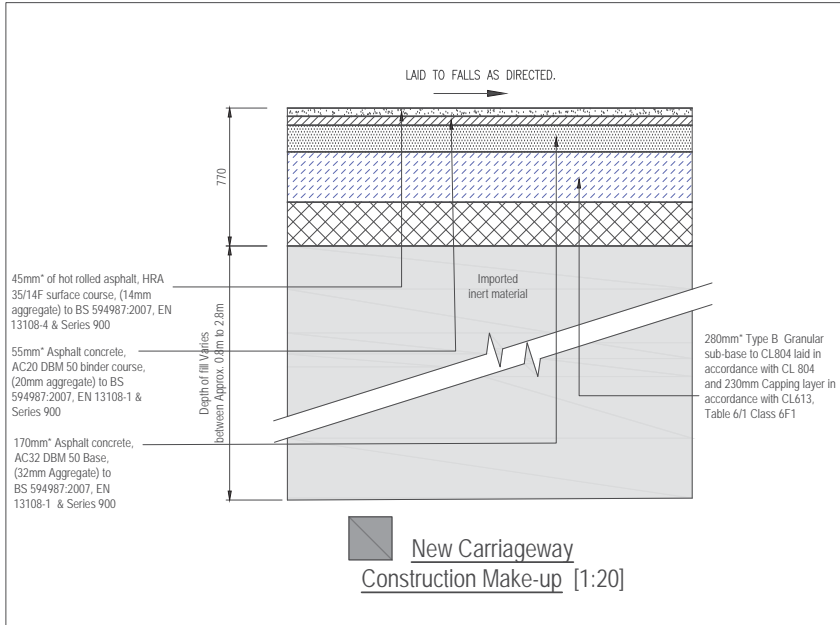
Title

Proposed Lux Levels at Durnish Lands

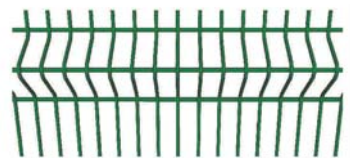
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Planning	A1	1:1250

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0145	-

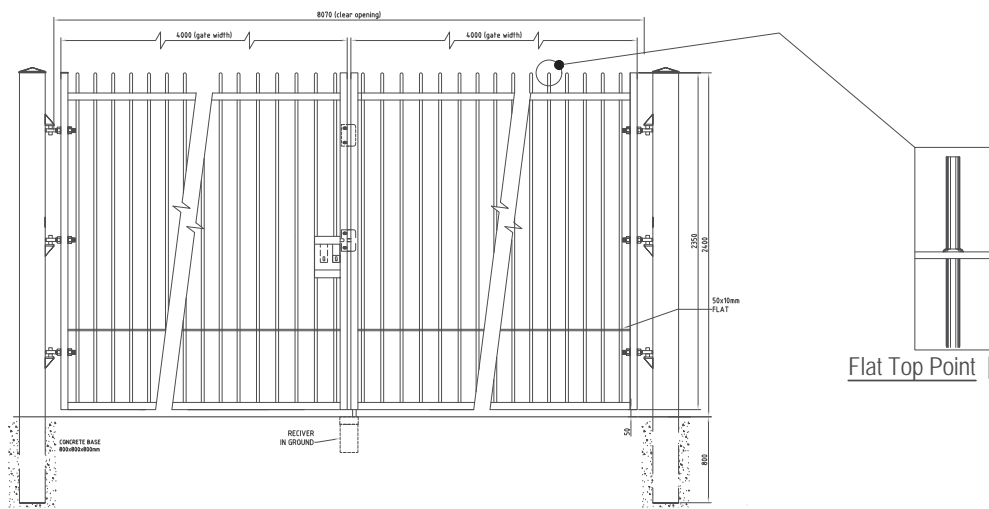
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



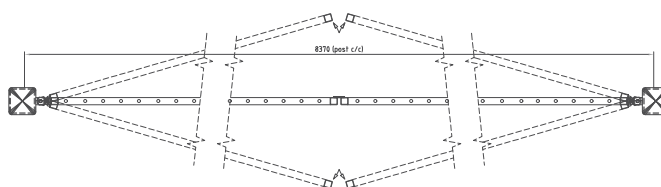
Perspective [N.T.S.]



Perspective [N.T.S.]



Flat Top Point [N.T.S.]



- NOTES**
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  - DATUM: Ordnance Datum Malin
  - For plans showing areas for surfacing and fencing location refer to M0679-RPS-00-PL-DR-C-110 to 0128

rev	amendments	drawn	date
<div><div></div><div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div><div>T +44 (0) 28 90 667914 F +44 (0) 28 90 668296 W <a href="http://www.rpsgroup.com/ireland">www.rpsgroup.com/ireland</a> E <a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a></div></div></div>			
Client  Shannon Foynes Port Company			
Project Capacity Extension at Shannon Foynes			
Title  Surfacing and Fencing Details			
Drawing Status Planning	Sheet Size A1	Drawing Scale As shown	
Drawing Number		Rev -	
M0679-RPS-00-PL-DR-C-0160			
Project Leader S.H.	Drawn By M.H.	Date March 2018	Initial Review E.H.

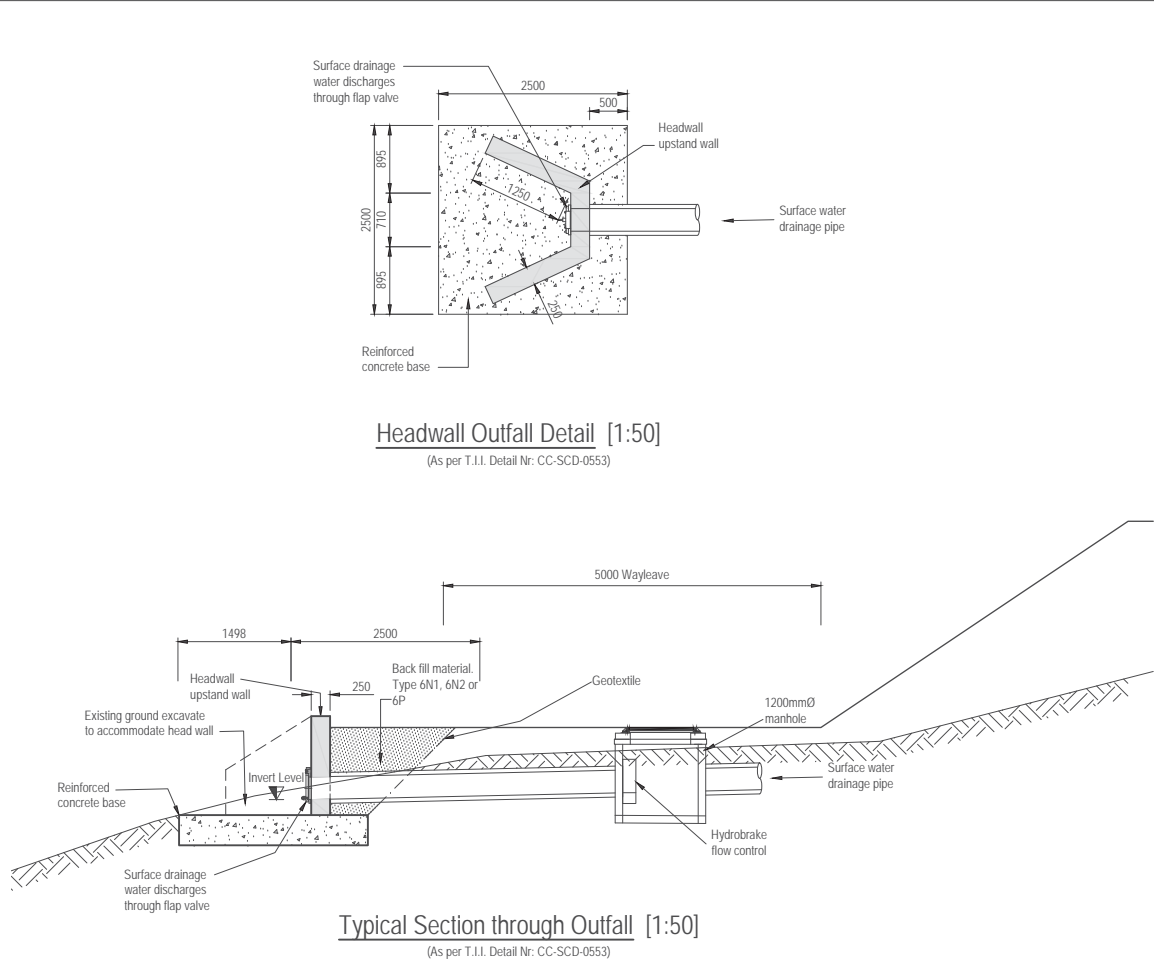
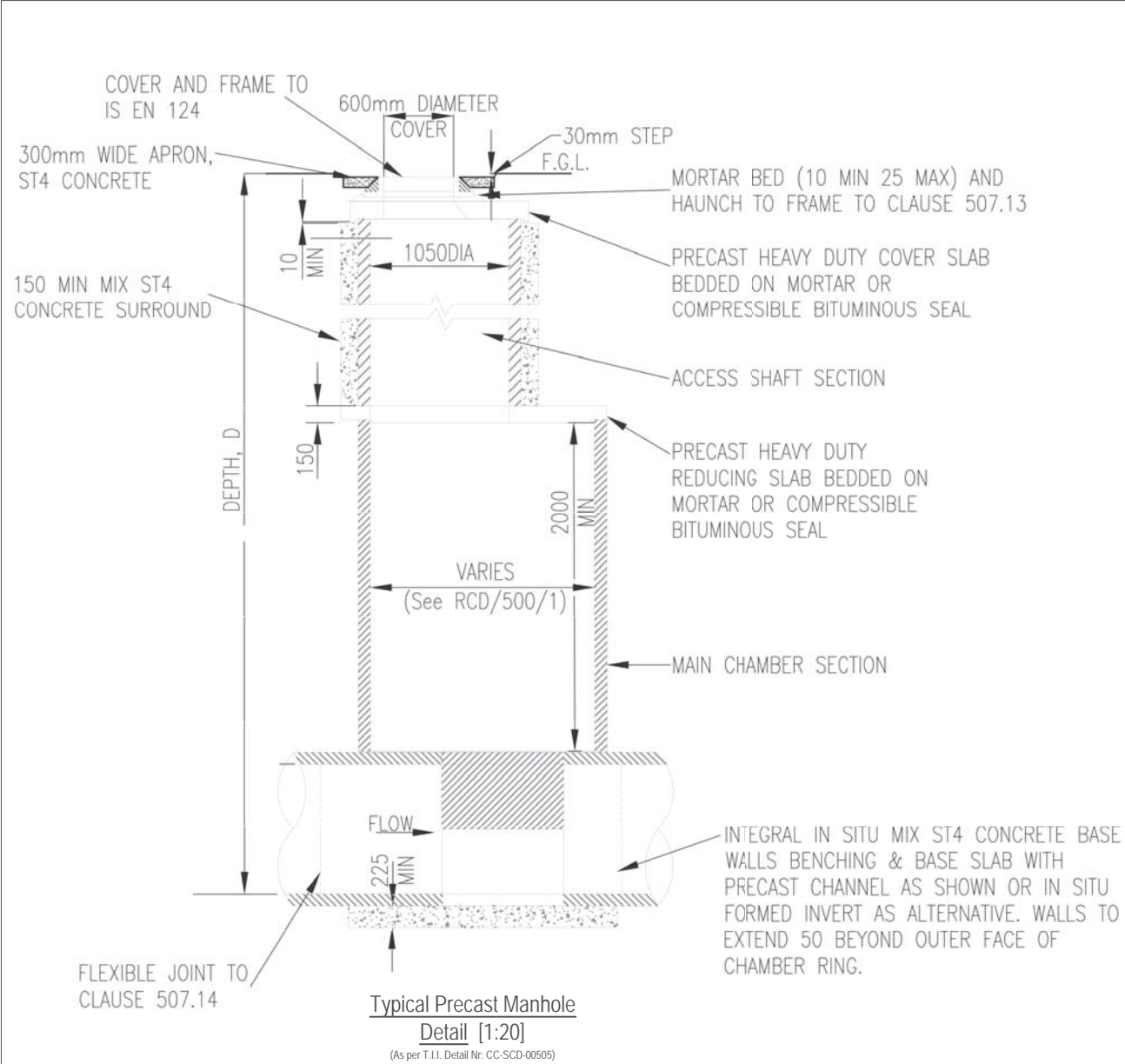




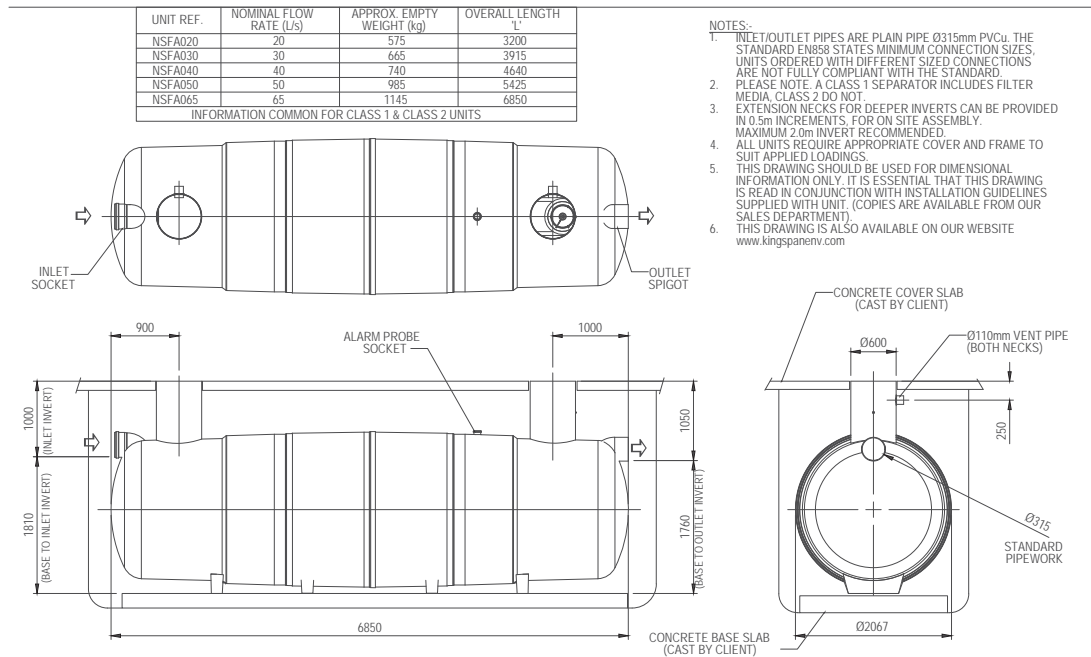
1. **Verifying Dimensions.**  
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2. **Existing Services.**  
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4. DATUM: Ordnance Datum Malin

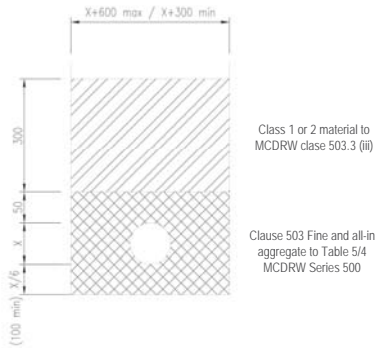
rev	amendments	drawn	date
 Elmwood House 74 Boucher Road Belfast BT12 6RZ		<b>T</b> +44 (0) 28 30 667914 <b>F</b> +44 (0) 28 30 668286 <b>W</b> <a href="http://www.rpsgroup.com/ireland">www.rpsgroup.com/ireland</a> <b>E</b> <a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a>	
Client			
Shannon Foynes Port Company			
Project Capacity Extension At Shannon Foynes			
Title			
Quay Furniture Details			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:20 UNO	
Drawing Number		Rev -	
M0679-RPS-00-PL-DR-C181			
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



### Typical Interceptor Details [NTS]



- NOTES:-
1. INLET/OUTLET PIPES ARE PLAIN PIPE Ø315mm PVCu. THE STANDARD EN858 STATES MINIMUM CONNECTION SIZES, UNITS ORDERED WITH DIFFERENT SIZED CONNECTIONS ARE NOT FULLY COMPLIANT WITH THE STANDARD.
  2. PLEASE NOTE: A CLASS 1 SEPARATOR INCLUDES FILTER MEDIA, CLASS 2 DO NOT.
  3. EXTENSION NECKS FOR DEEPER INVERTS CAN BE PROVIDED IN 0.5m INCREMENTS, FOR ON SITE ASSEMBLY. MAXIMUM 2.0m INVERT RECOMMENDED.
  4. ALL UNITS REQUIRE APPROPRIATE COVER AND FRAME TO SUIT APPLIED LOADINGS.
  5. THIS DRAWING SHOULD BE USED FOR DIMENSIONAL INFORMATION ONLY. IT IS ESSENTIAL THAT THIS DRAWING IS READ IN CONJUNCTION WITH INSTALLATION GUIDELINES SUPPLIED WITH UNIT. (COPIES ARE AVAILABLE FROM OUR SALES DEPARTMENT).
  6. THIS DRAWING IS ALSO AVAILABLE ON OUR WEBSITE [www.kingspanenv.com](http://www.kingspanenv.com)



### Typical Surface Drainage Bedding Detail [1:10]

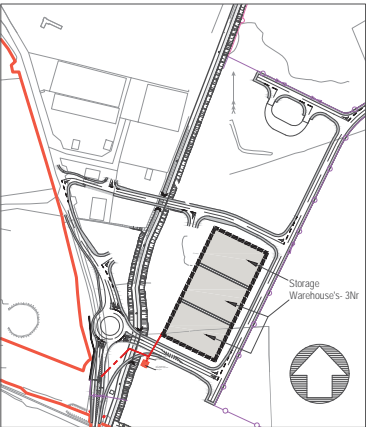
(As per Type T on T.I.I. Detail Nr: CC-SCD-00521)

### NOTES

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4. DATUM: Ordnance Datum Malin

Please check with Environmental Treatment Services Ltd that this drawing is the latest issue				Material: Various		Tolerance: ± 5mm		Drawing: DS0911P		Page 1 of 1	
Issue	Date	Drawn by	Description	Checked by	Drawn by	Checked by	Drawn by	Checked by	Drawn by	Checked by	Drawn by
01	20/07/09	Y. Kelly	NSFA020 - NSFA065 Full Retention Separators	CC-045 - Initial Release	CC-045 - Initial Release	CC-045 - Initial Release	CC-045 - Initial Release	CC-045 - Initial Release	CC-045 - Initial Release	CC-045 - Initial Release	CC-045 - Initial Release
All dimensions in mm				Scale: Not to scale				Kingspan reserve the right to alter the details of this drawing without prior notice. This drawing is copyright and may not be reproduced or used without the written permission of Kingspan.			





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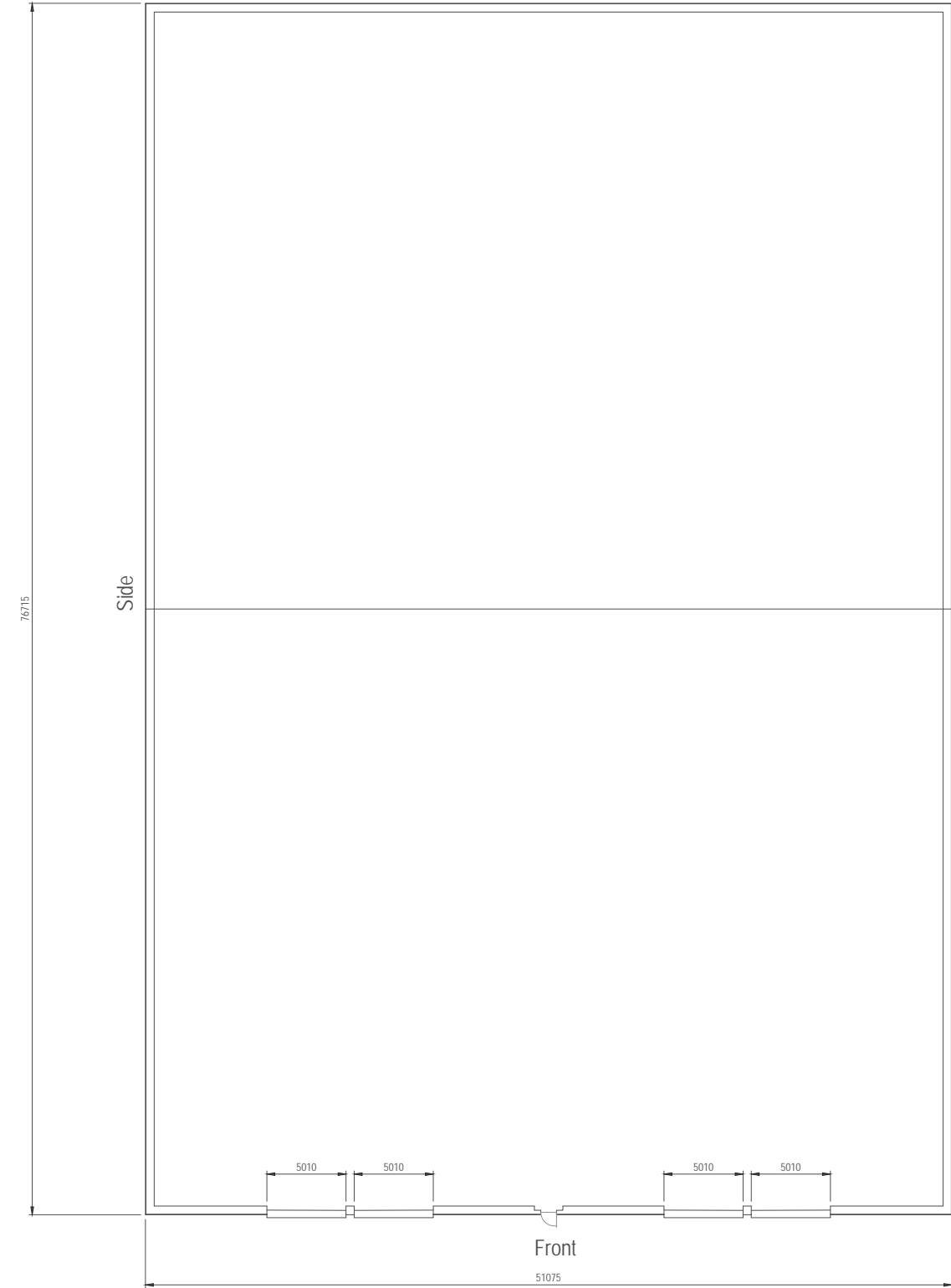
Location Plan [1:5000]



Photo of Typical Warehousing Proposed [NTS]

A

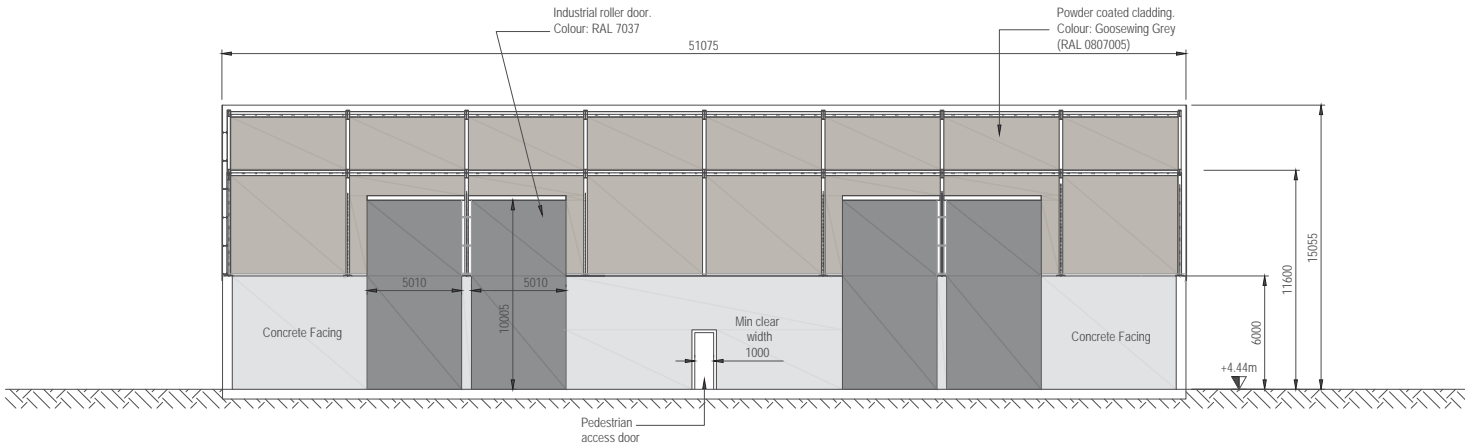
Rear



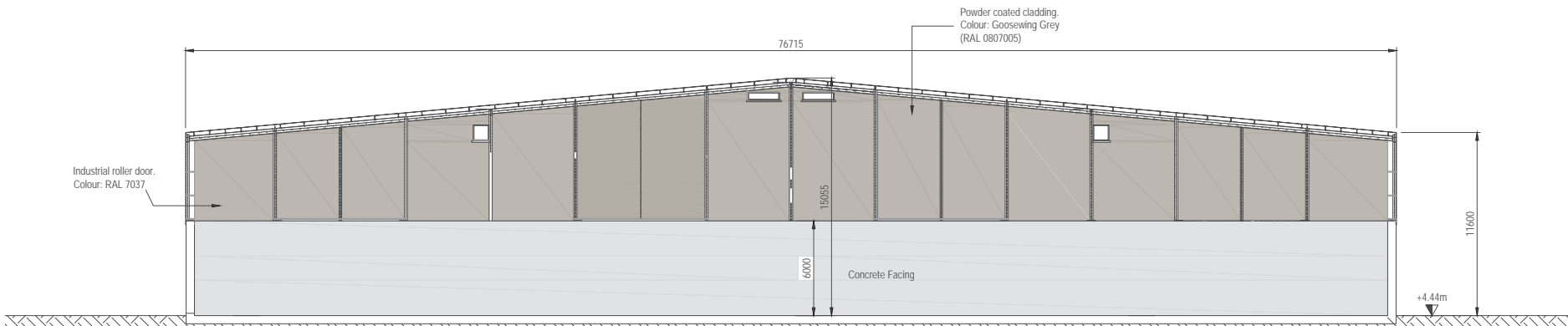
Front

A

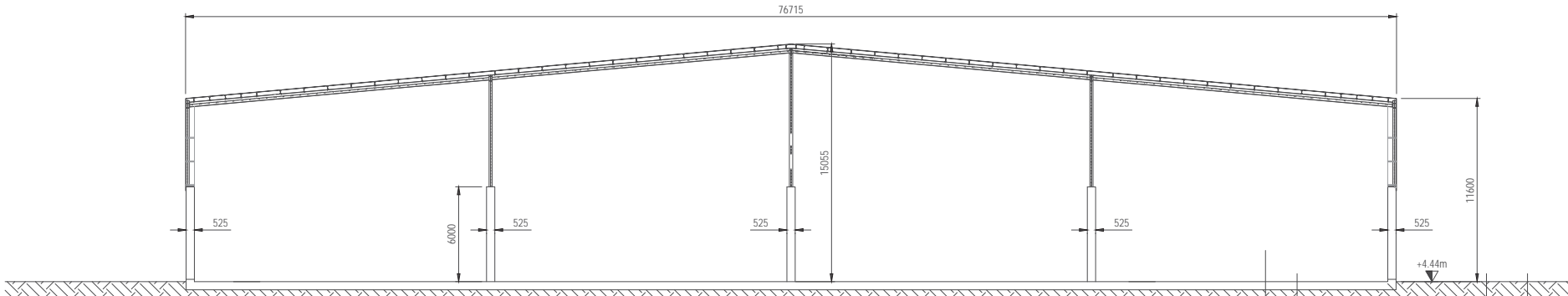
Storage Warehouse-3Nr Total [1:200]



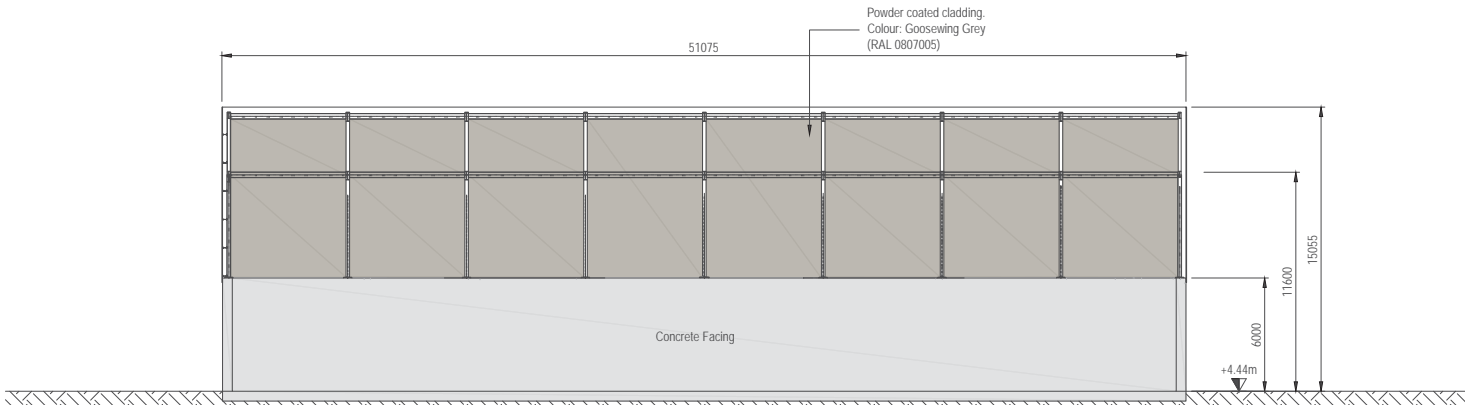
Typical Elevation on Front of Building [1:200]



Typical Elevation on Sides of Building [1:200]



Typical Section through Building [1:200]



Typical Elevation on Rear of Building [1:200]

## NOTES

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4. DATUM: Ordnance Datum Malin

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Client  
**Shannon Foynes Port Company**

Project  
**Capacity Extension at Shannon Foynes**

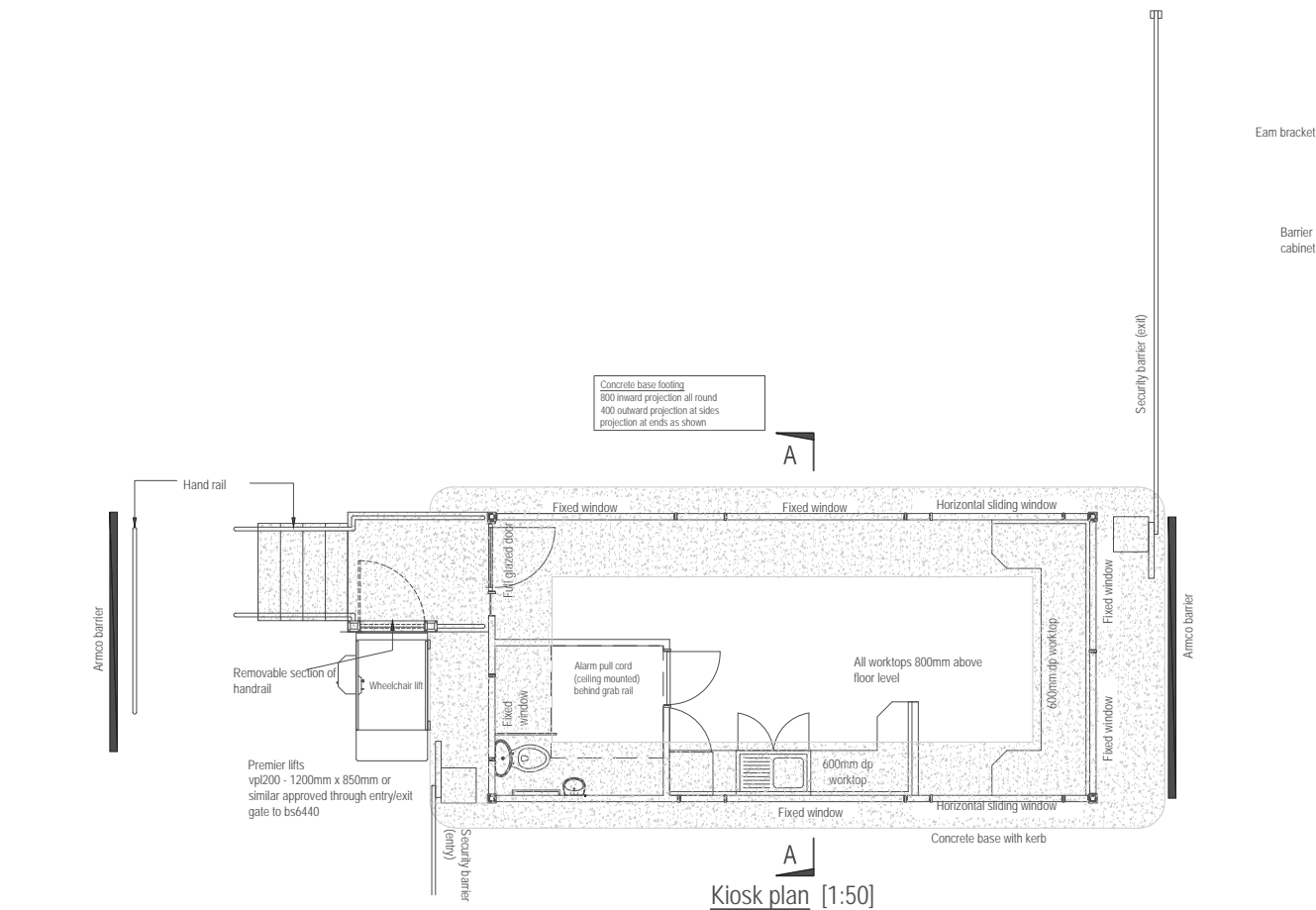
Title  
**Storage Warehouse Typical Plan and Elevations**

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:200

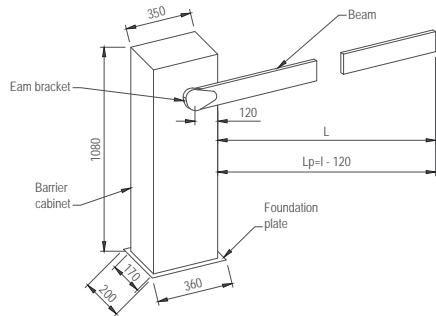
Drawing Number	Rev
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**M0679-RPS-00-PL-DR-C-0163**

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



Kiosk plan [1:50]



Barrier Dimensions [N.T.S]



Photo of Typical Automatic Barrier [NTS]

Notes:  
kiosk should be 'glasson beacon' or similar approved

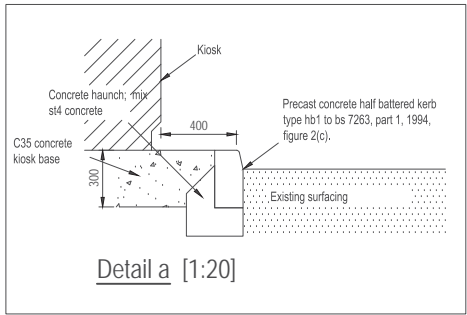
colour:  
wall panels: standard light grey bs4800 (00.A.05)  
roof/plinth fascia: standard light grey bs4800 (00.A.05)  
framework: natural anodised aluminium

ramp or level access  
-300mm leading edge to doors  
-anti-sun solar control glass to all windows and door  
-double glazing to all windows and door  
-glazing to comply with vision zones  
-vision panels to corridor doors  
-accessible workbench and kitchen  
-max 15mm threshold  
-accessible door and toilet furniture  
-door furniture to contrast with doors  
-doors to contrast with walls  
-toilet furniture to contrast with walls  
-walls to contrast with ceiling, doors and floor

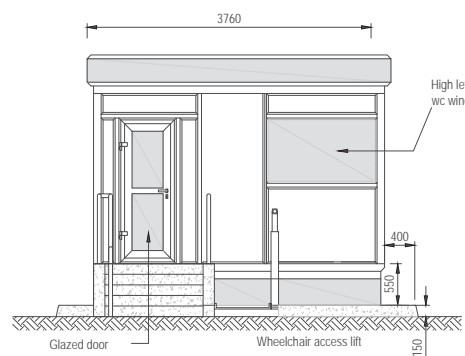


Side elevation [1:50]

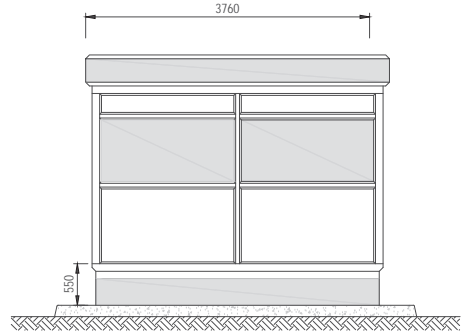
Side elevations similar but handed



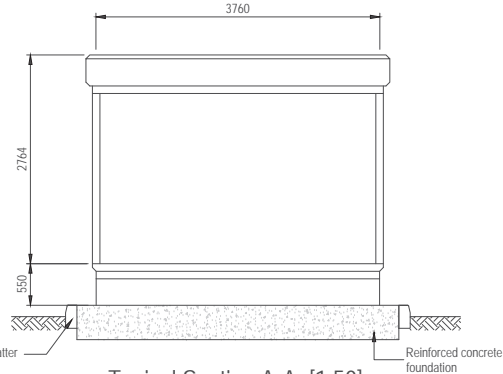
Detail a [1:20]



Rear elevation [1:50]



Front elevation [1:50]



Typical Section A-A [1:50]

## NOTES

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Security Kiosk and Details

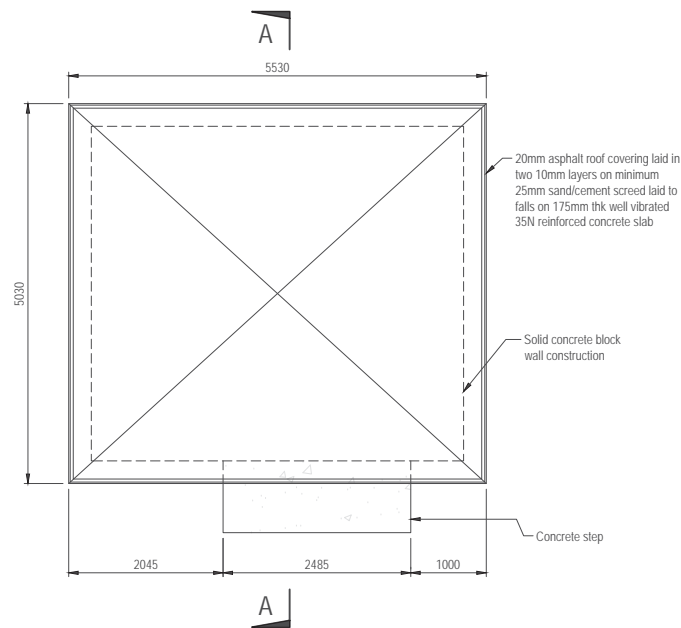
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Planning	A1	1:50

Drawing Number	Rev
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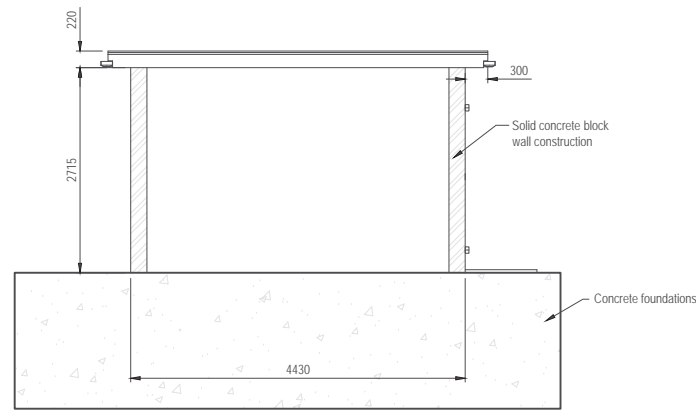
M0679-RPS-00-PL-DR-C-0164

Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.

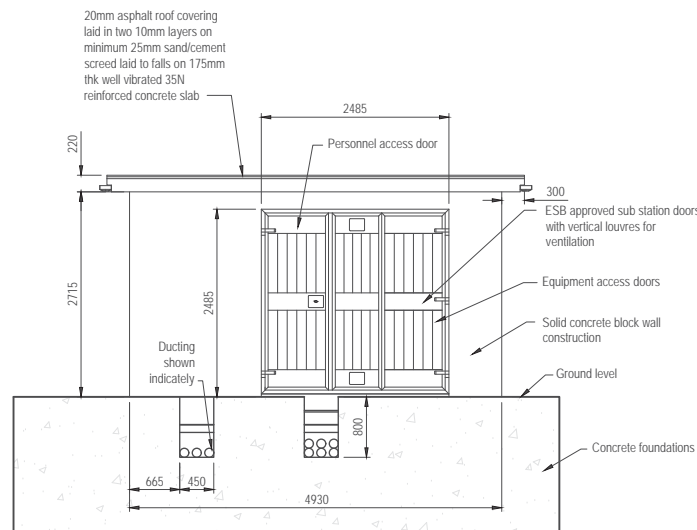
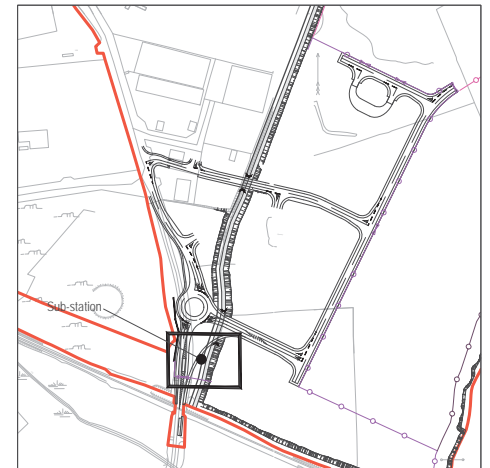




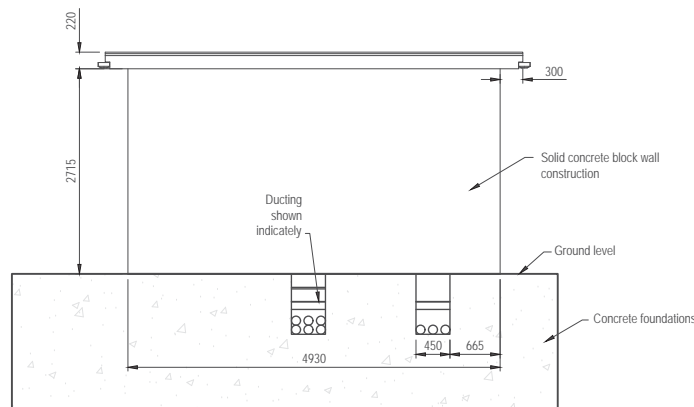
Plan [1:50]



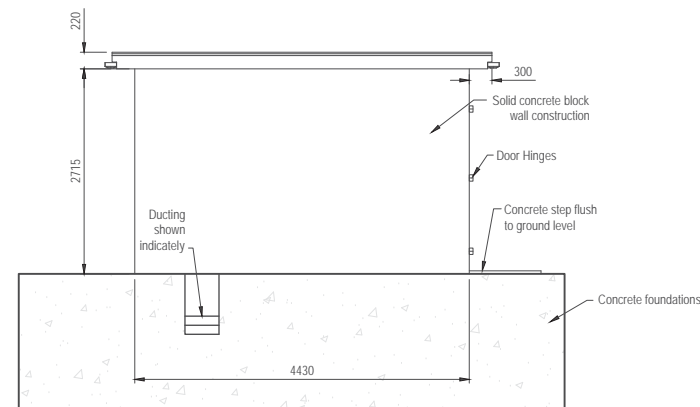
Section A'A [1:50]



Front Elevation [1:50]



Back Elevation [1:50]



Side Elevation [1:50]

#### NOTES

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Client

Shannon Foynes Port Company

Project  
Capacity Extension at  
Shannon Foynes

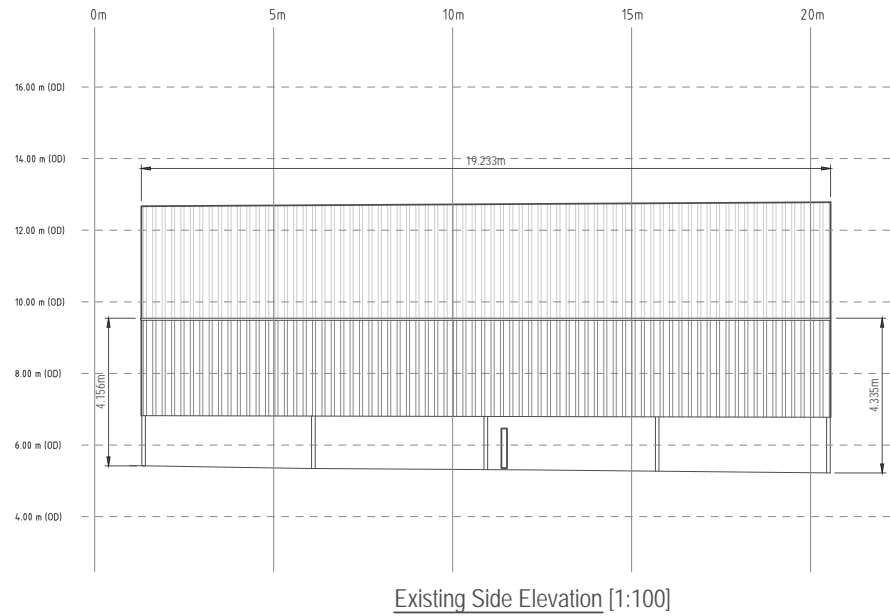
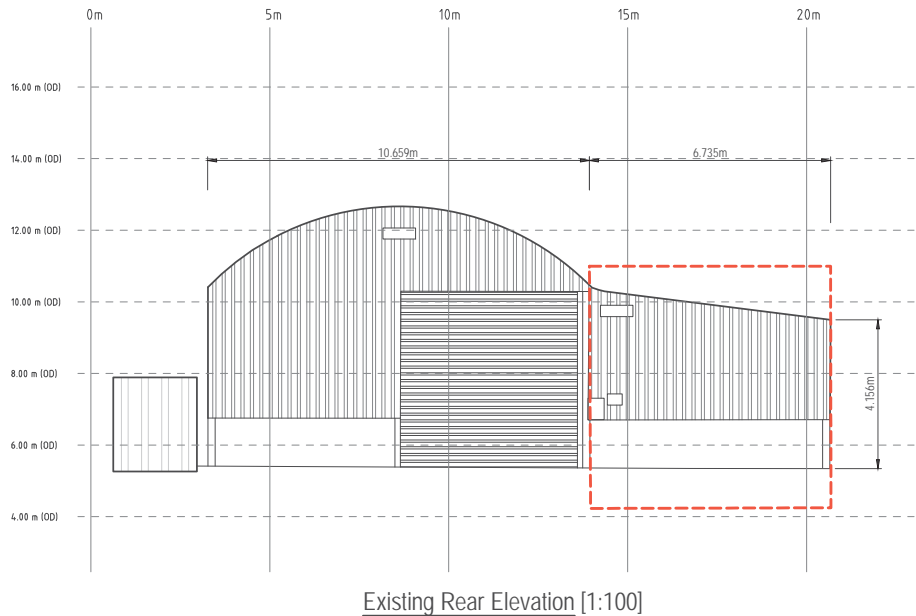
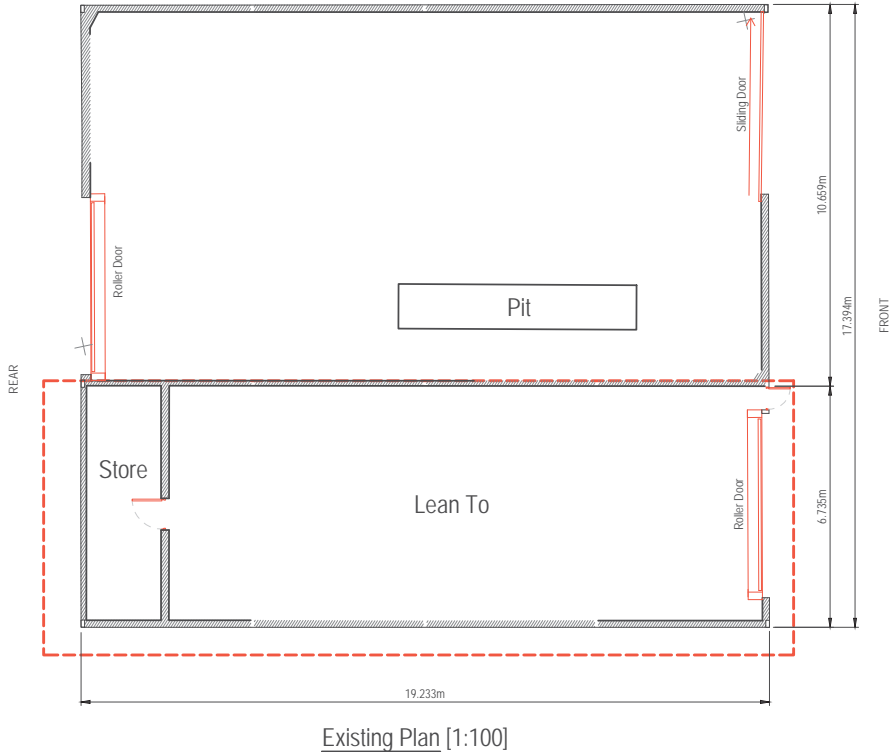
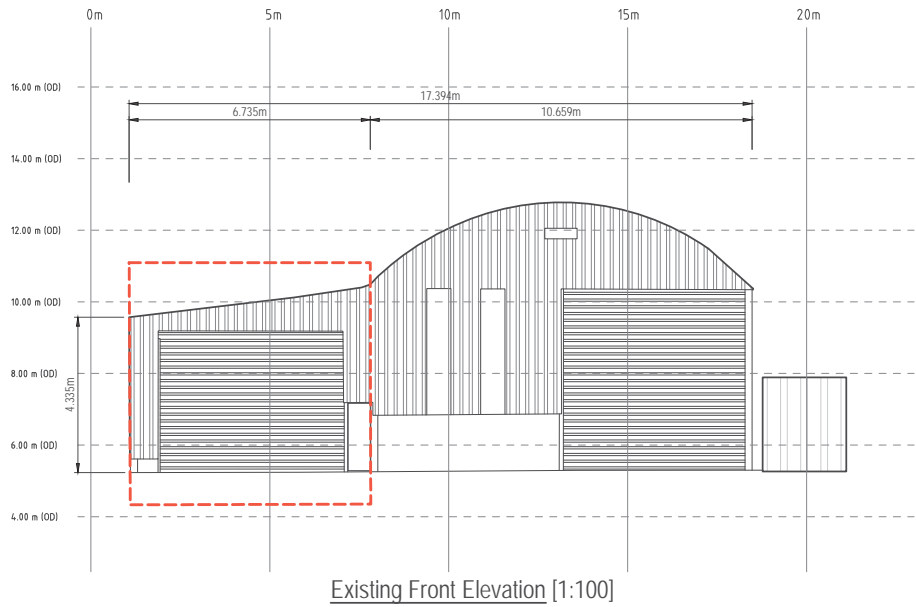
Title

Proposed Sub-Station Details

Drawing Status	Sheet Size	Drawing Scale
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Drawing Number	Rev
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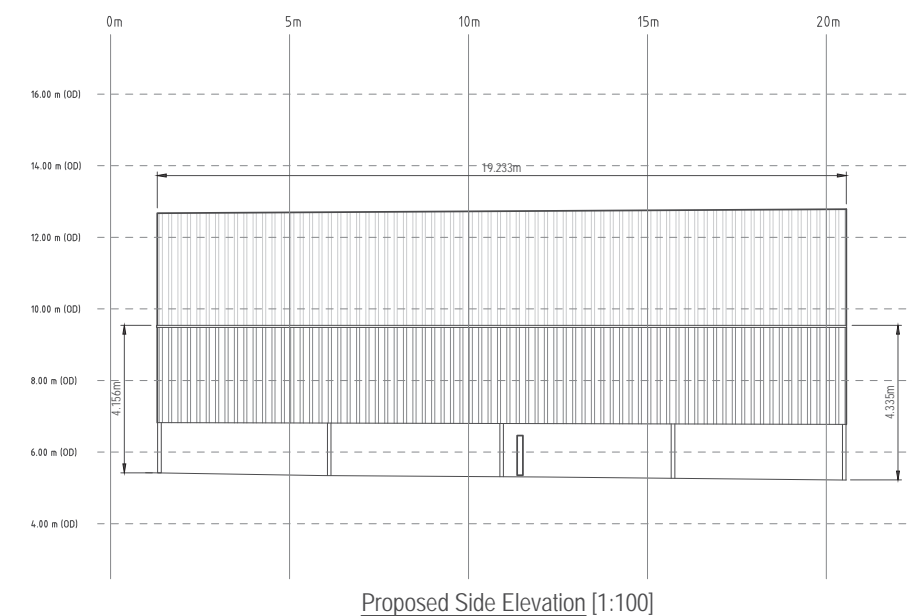
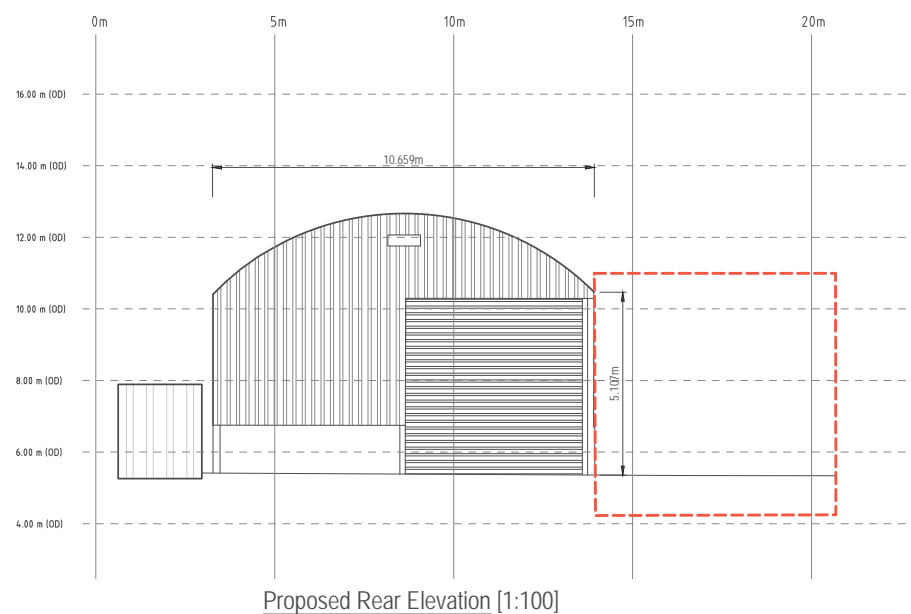
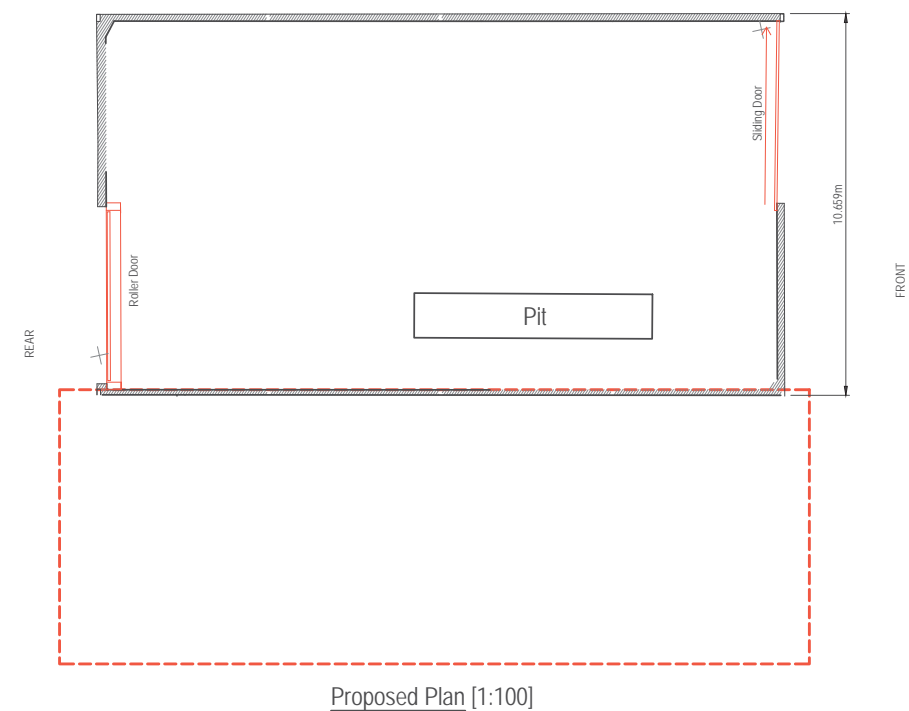
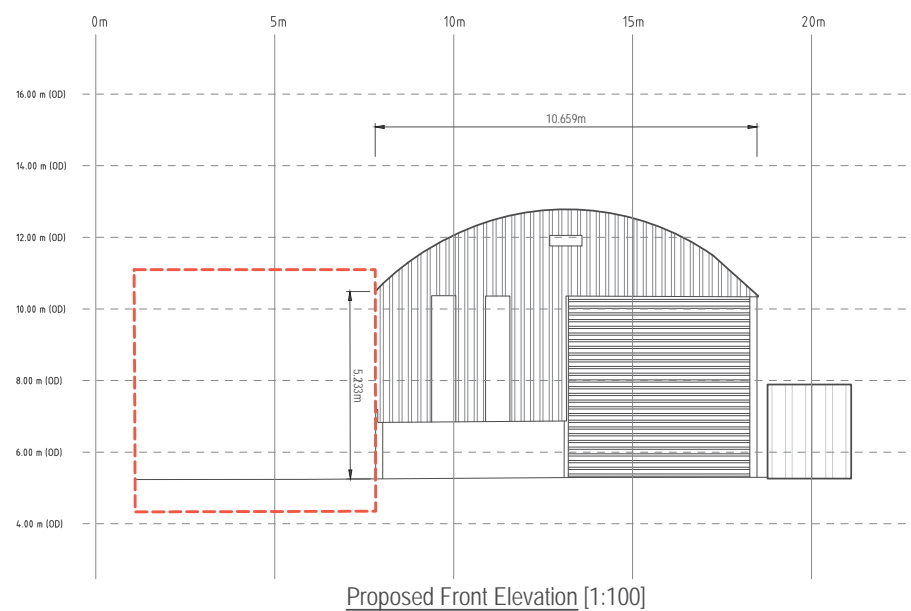
Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	March 2018	E.H.



- NOTES**
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Existing Lean To Details			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:100	
Drawing Number			Rev -
M0679-RPS-00-PL-DR-C-0166			
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.





- NOTES


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5.	CONCRETE	MIX TYPE	COVER	FINISH

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[illegible]

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Client	
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Shannon Foynes Port Company

Project	Capacity Extension At Shannon Foynes
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Title	Proposed Lean To Details
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Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:100

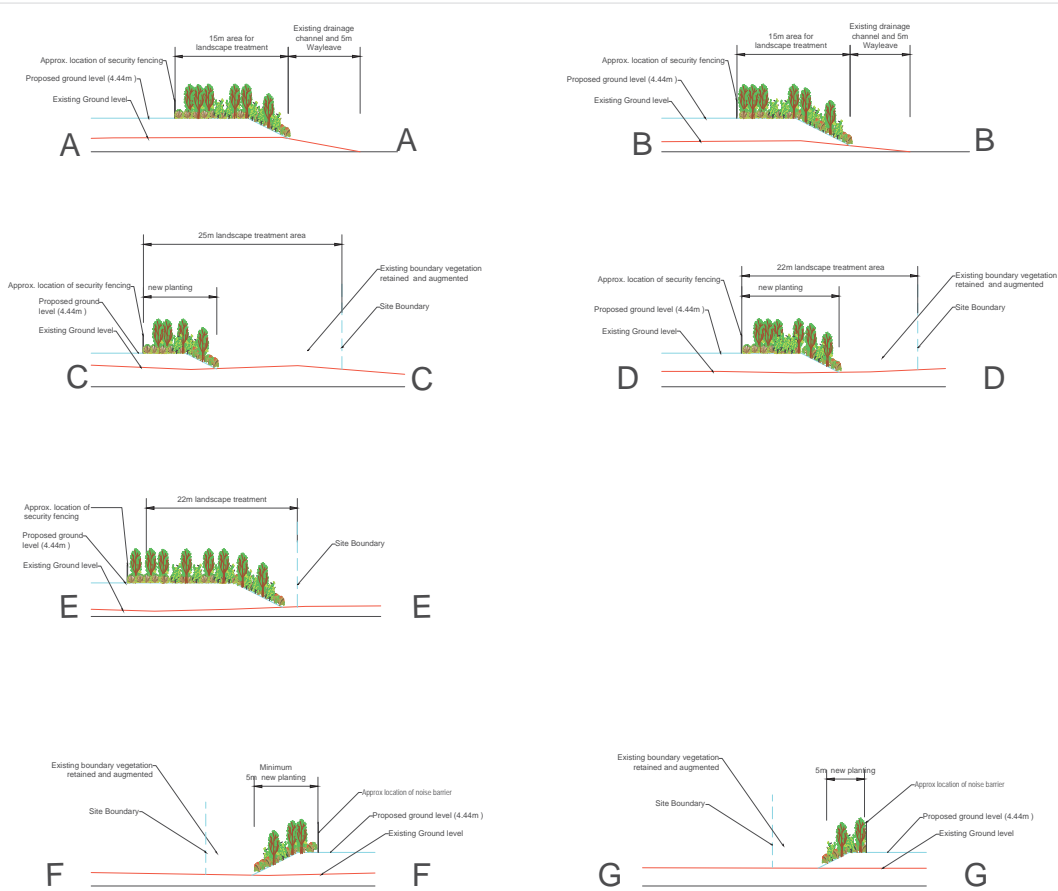
Drawing Number	Rev
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M0679-RPS-00-PL-DR-C-0167

Project Leader	Drawn By	Date	Initial Review
S.H.	D.I.	April 2018	E.H.

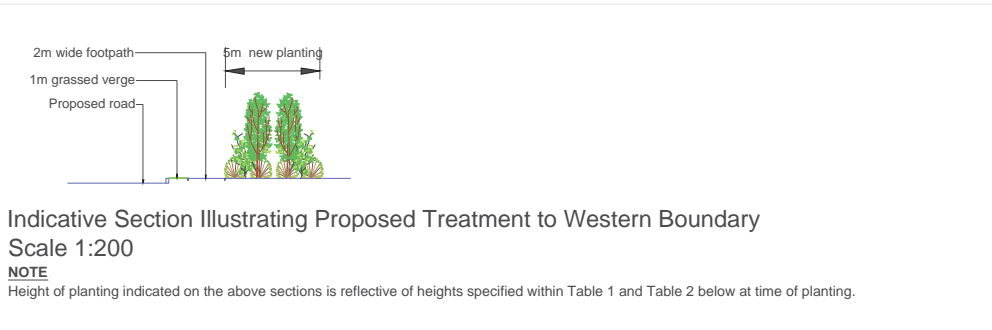


Proposed Boundary Treatment Plan  
Scale 1:2500



Indicative Sections Illustrating Proposed Boundary Treatments  
Scale 1:500

**NOTE**  
Height of planting indicated on the above sections is reflective of heights specified within Table 1 and Table 2 below at time of planting.



Indicative Section Illustrating Proposed Treatment to Western Boundary  
Scale 1:200

**NOTE**  
Height of planting indicated on the above sections is reflective of heights specified within Table 1 and Table 2 below at time of planting.

Table 1: Screen Buffer Planting										
Botanical Name	Height (cms) (min)	Root cond	Form Habit	Girth / Age	Nr. times transplanted	Spacing	% Mix	Planting Area Code	Total Area (M2)	Totals
									19500	19500
									0	0
									19500	19500
Betula pubescens	Minimum 2.50m	Bare Root	Standard	8-10cm	2x Transplanted	3.0m	25%		539	539
Quercus robur	Minimum 4.25m	Bare Root	Extra heavy Standard	14-14cm	3x Transplanted	3.0m	20%		431	431
Prunus laurocerasus	80-100cm	Rootball	Leader / No Leader	1+1	2x Transplanted	3.0m	15%		323	323
Crataegus monogyna	80-100cm	Bare Root	Transplant	1+1	1x	1.0m	10%		990	990
Prunus spinosa	60-80cm	Bare Root	Transplant	1+1	1x	1.0m	5%		880	880
Cornus avellana	60-80cm	Bare Root	Transplant	1+1	1x	1.0m	5%		880	880
Ulmus laevis	60-80cm	Container	Container grown, 3L Pot	1+1	1x	1.0m	7.5%		1470	1470
Liquidambar styraciflua	60-80cm	Bare Root	Transplant	1+1	1x	1.0m	5%		880	880
Prunus laurocerasus	40-60cm	Bare Root	Transplant	1+1	1x	1.0m	7.5%		1470	1470
									9133	9133

Table 2: Augmentation Planting										
Botanical Name	Height (cms) (min)	Root cond	Form Habit	Girth / Age	Nr. times transplanted	Spacing	% Mix	Planting Area Code	Total Area (M2)	Totals
									4295	4295
									0	0
									4295	4295
Betula pubescens	Minimum 2.50m	Bare Root	Standard	8-10cm	2x Transplanted	3.0m	15%		71	71
Prunus laurocerasus	80-100cm	Rootball	Leader / No Leader	1+1	2x Transplanted	3.0m	15%		71	71
Crataegus monogyna	80-100cm	Bare Root	Transplant	1+1	1x	1.0m	25%		1074	1074
Prunus spinosa	60-80cm	Bare Root	Transplant	1+1	1x	1.0m	5%		215	215
Cornus avellana	60-80cm	Bare Root	Transplant	1+1	1x	1.0m	15%		644	644
Ulmus laevis	60-80cm	Container	Container grown, 3L Pot	1+1	1x	1.0m	15%		644	644
Liquidambar styraciflua	60-80cm	Bare Root	Transplant	1+1	1x	1.0m	5%		215	215
Prunus laurocerasus	40-60cm	Bare Root	Transplant	1+1	1x	1.0m	5%		215	215
									3149	3149

## NOTES

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4. DATUM: Chart Datum

## LEGEND

- approximate extent of existing boundary vegetation to be retained, protected and augmented with screen buffer planting (Refer to Table 2 this sheet)
- Screen buffer planting (Refer to Table 1 this sheet)
- Proposed location for Security Fencing (Refer to drawing M0679-RPS-00-PL-DR-C-0160 for details)
- Indicative location for Noise Barrier (Refer to drawing M0679-RPS-00-PL-DR-C-0160 for details)

**NOTE:**  
Proposed eastern boundary treatment to consist of existing retained vegetation (to be augmented) of varying width and new screen buffer planting of varying width to provide 20m - 24m wide area for landscape treatment.

Height of planting indicated on sections is at time of planting as per the schedules on this sheet. Mature heights of planting varies, dependant on species; Shrubs mature heights = 3 - 5m tall Tree mature heights = 10 - 20m tall

H	Layout updated to reflect alterations to layout	S.A.	20.04.18
G	Layout updated to reflect alterations to layout	S.A.	16.04.18
F	Layout updated to reflect alterations to layout	S.A.	27.03.18
E	Layout updated to reflect alterations to layout	S.A.	09.03.18
D	Layout updated to incorporate roads layout	S.A.	02.03.18
B & C	Layout updated to incorporate indicative roads	S.A.	08.02.18
A	Planting symbols on sections updated	S.A.	07.02.18

rev	amendments	drawn	date
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Client  
  
Shannon Foynes  
Port Company

Project  
Capacity Extension at  
Shannon Foynes

Title  
  
Proposed Boundary Treatments

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2500

Drawing Number	Rev	H
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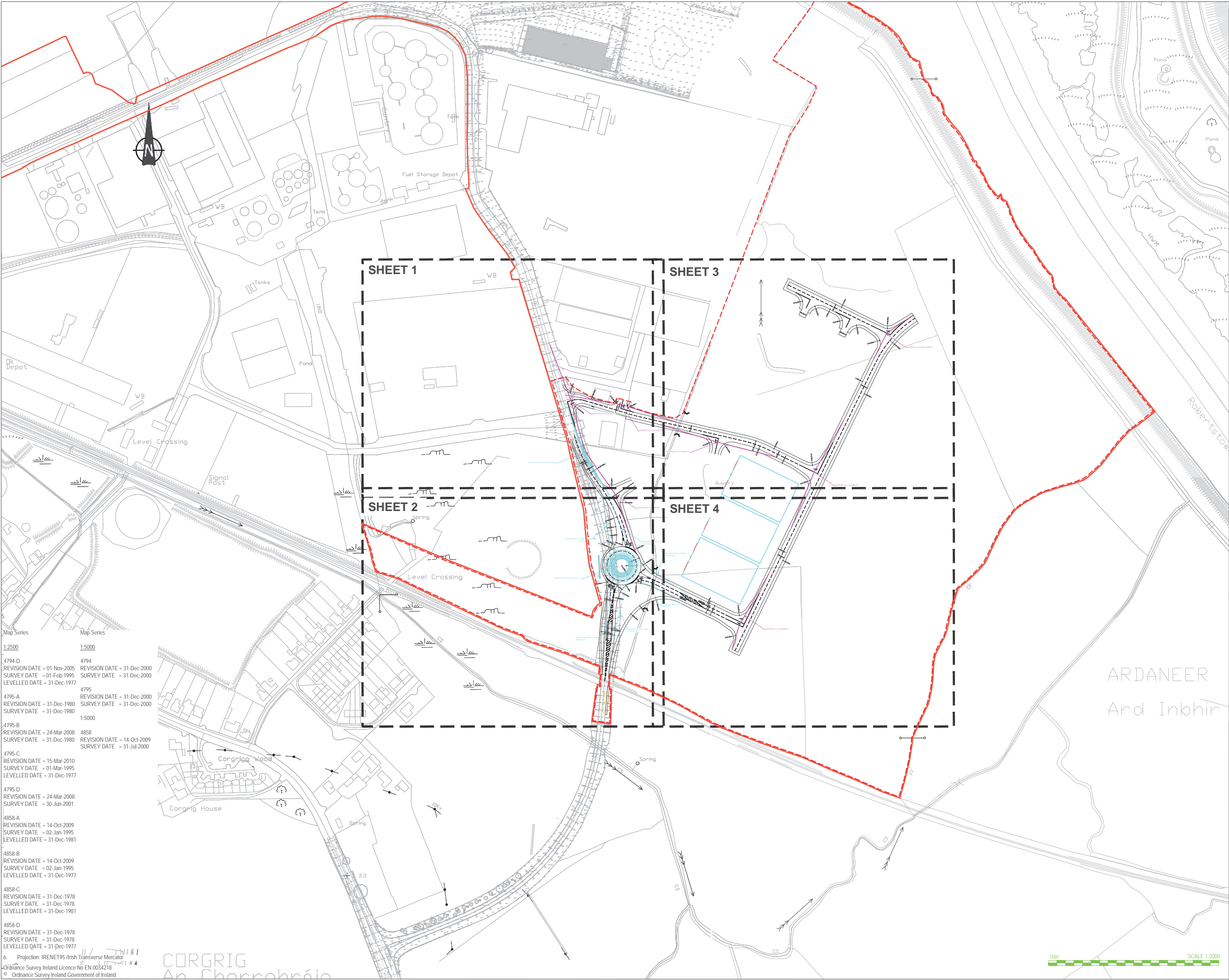
1775.5.01

Project Leader	Drawn By	Date	Initial Review
S.H	S.A.	March 2018	R.H









NOTES

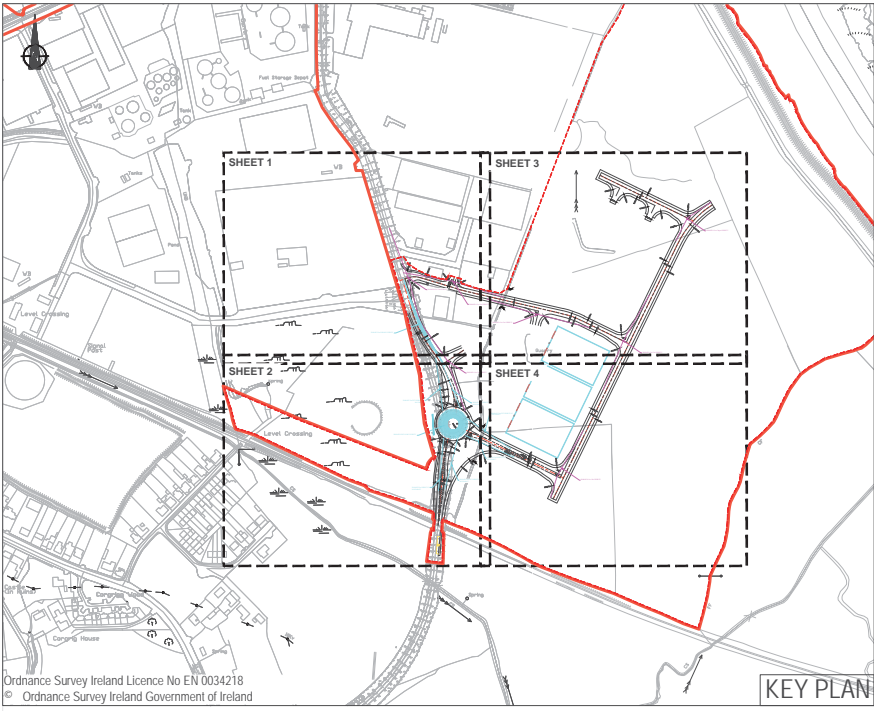
- Verifying Dimensions.  
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- Datum: Ordnance Datum Malin

Key	
Existing Layout	
Proposed Layout	
Proposed Retaining Wall	
Proposed Junction Visibility	
Proposed Forward Visibility	

Map Series  
1:2500  
4794-D  
REVISION DATE = 01-Nov-2005  
SURVEY DATE = 01-Feb-1995  
LEVELLED DATE = 31-Dec-1977  
4795-A  
REVISION DATE = 31-Dec-1980  
SURVEY DATE = 31-Dec-1980  
4795-B  
REVISION DATE = 24-Mar-2008  
SURVEY DATE = 31-Dec-1980  
4795-C  
REVISION DATE = 15-Mar-2010  
SURVEY DATE = 01-Mar-1995  
LEVELLED DATE = 31-Dec-1977  
4795-D  
REVISION DATE = 24-Mar-2008  
SURVEY DATE = 30-Jun-2001  
4858-A  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 02-Jan-1995  
LEVELLED DATE = 31-Dec-1981  
4858-B  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 02-Jan-1995  
LEVELLED DATE = 31-Dec-1977  
4858-C  
REVISION DATE = 31-Dec-1978  
SURVEY DATE = 31-Dec-1978  
LEVELLED DATE = 31-Dec-1981  
4858-D  
REVISION DATE = 31-Dec-1978  
SURVEY DATE = 31-Dec-1978  
LEVELLED DATE = 31-Dec-1977  
6. Projection: IRENET95 Irish Transverse Mercator  
Ordnance Survey Ireland Licence No EN 0034218  
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rev	amendments	drawn	date
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Client  Shannon Foynes Port Company			
Project Capacity Extension at Shannon Foynes			
Title  Proposed Highway Layout - Overall			
Drawing Status Planning	Sheet Size A1	Drawing Scale 1:2000	
Drawing Number H0548-RPS-XX-00-DR-HE-100-01		Rev -	
Project Leader BD	Drawn By MMcG	Date April 2018	Initial Review JB





NOTES

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4. Datum: Ordnance Datum Malin

Key

Existing Layout

Proposed Layout

Proposed Retaining Wall

Proposed Junction Visibility

Proposed Forward Visibility

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

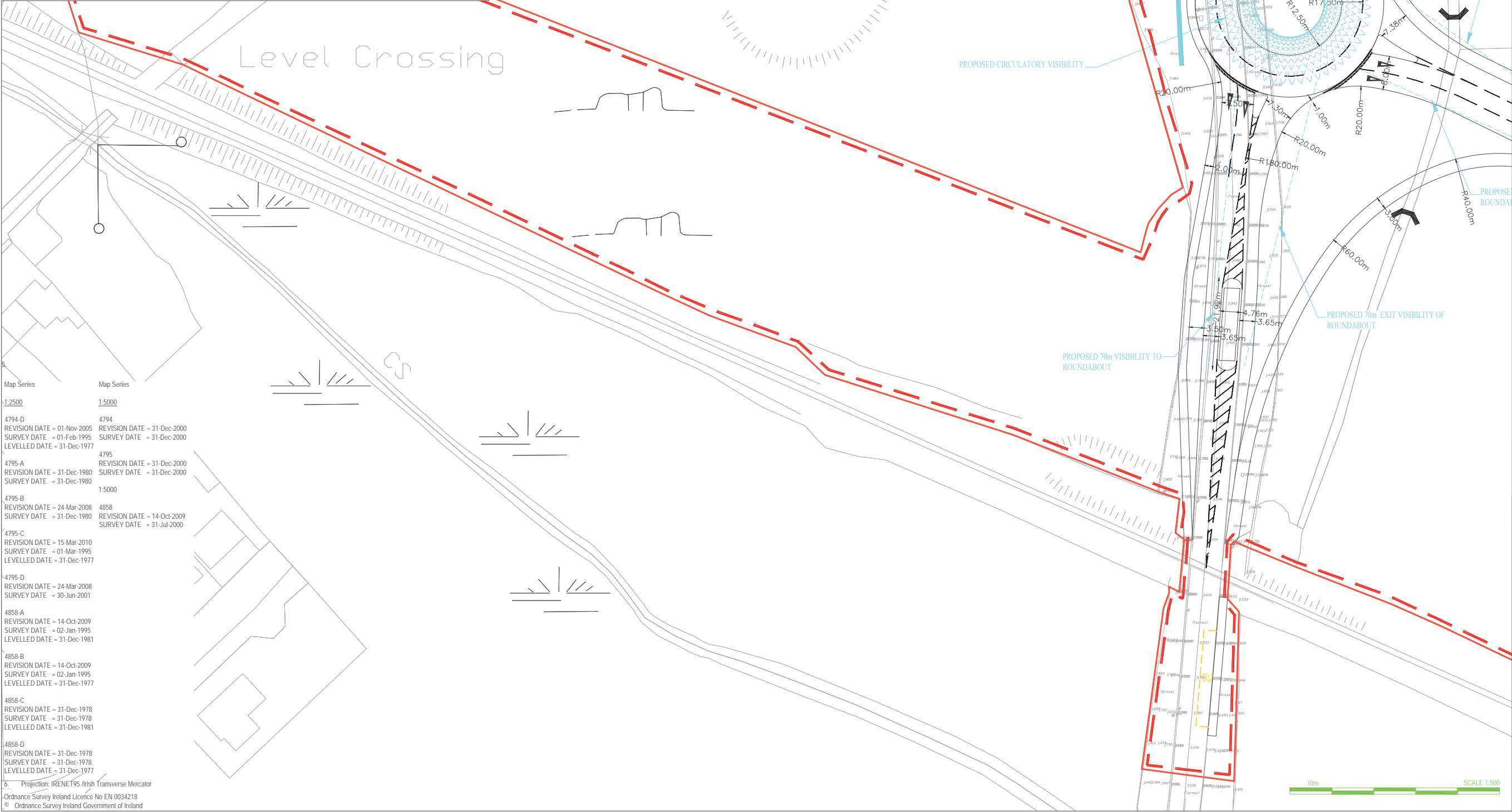
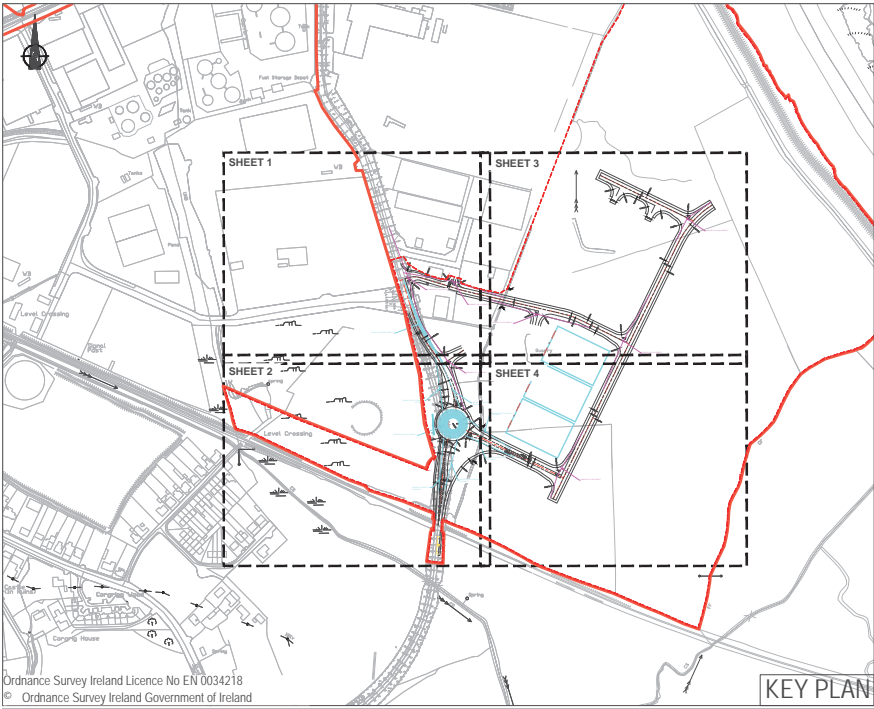
Title

Proposed Highway Layout - Sheet 1 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-100-02	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



### NOTES

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- Datum: Ordnance Datum Malin

**Key**

Existing Layout	—
Proposed Layout	—
Proposed Retaining Wall	—
Proposed Junction Visibility	---
Proposed Forward Visibility	---

rev	amendments	drawn	date

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**E** [Ireland@rpsgroup.com](mailto:Ireland@rpsgroup.com)

Client

**Shannon Foynes Port Company**

Project

**Capacity Extension at Shannon Foynes**

Title

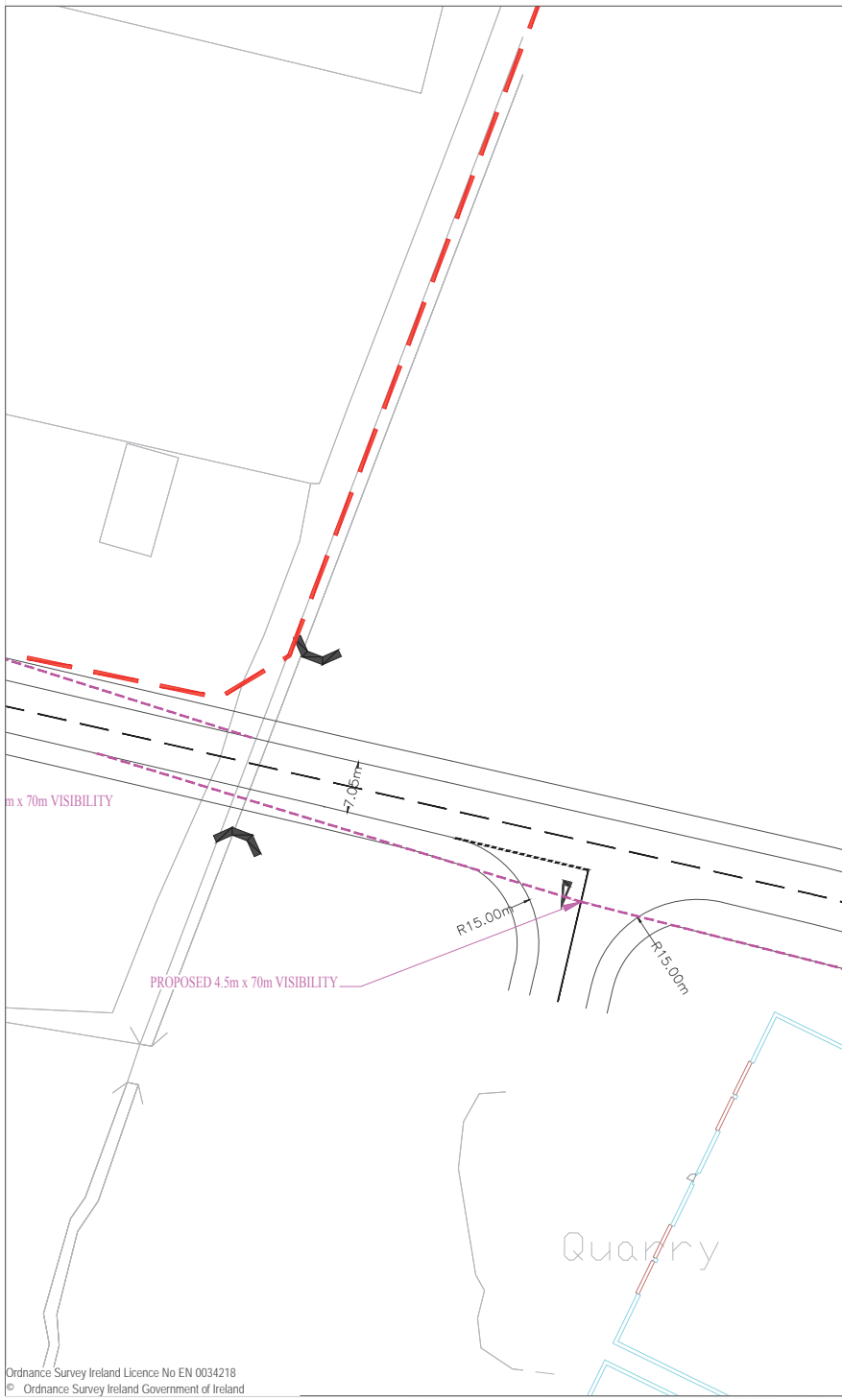
**Proposed Highway Layout - Sheet 2 of 4**

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
<b>H0548-RPS-XX-00-DR-HE-100-03</b>	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB





Map Series	Map Series
<u>1:2500</u>	<u>1:5000</u>
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	1:5000 4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
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4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
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6. Projection: IRENET95 Irish Transverse Mercator

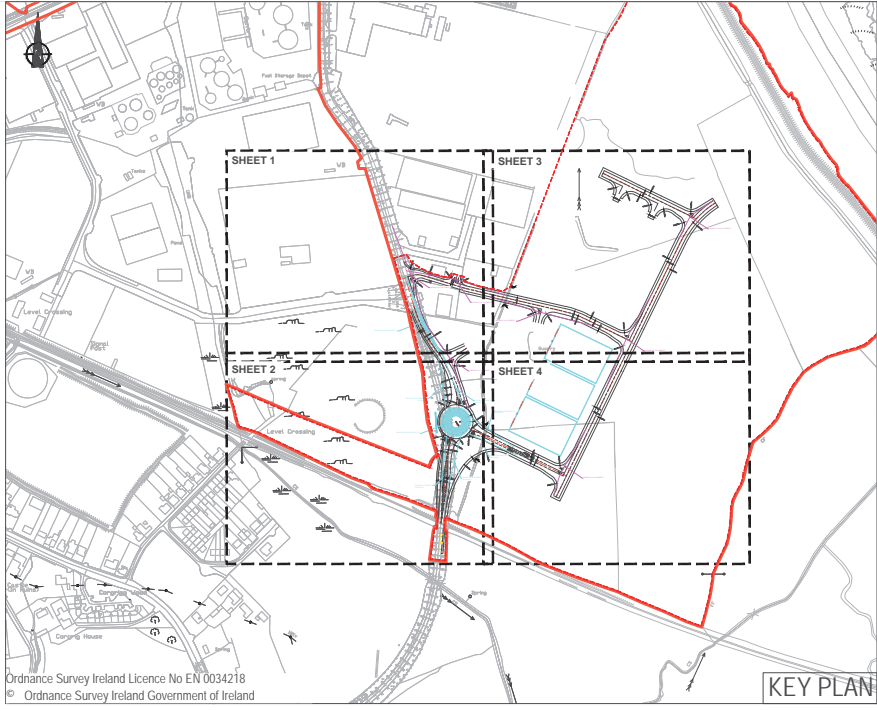
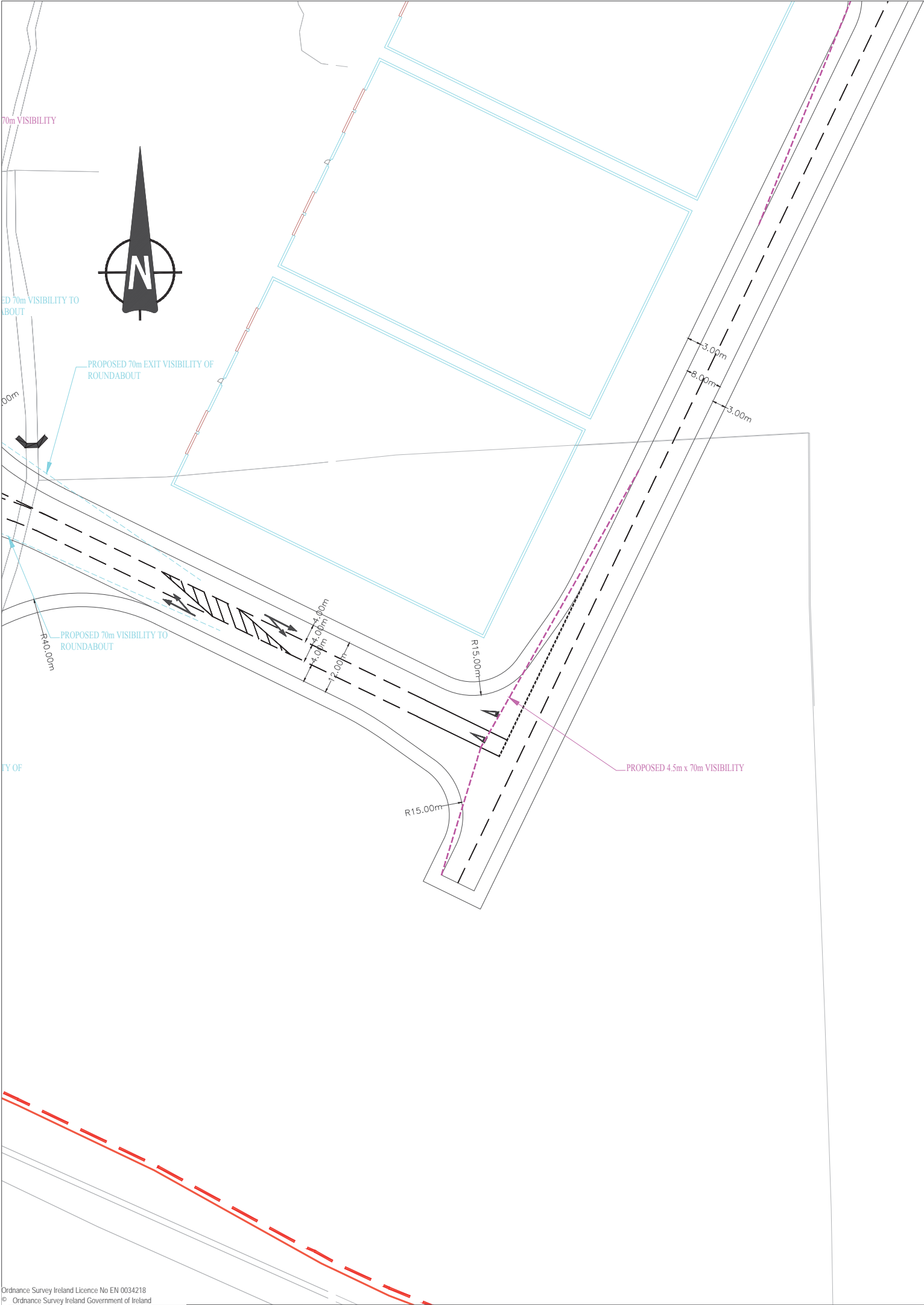
10m SCALE 1:500

1. **Verifying Dimensions.**  
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2. **Existing Services.**  
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Key	
Existing Layout	_____
Proposed Layout	_____
Proposed Retaining Wall	_____
Proposed Junction Visibility	_____
Proposed Forward Visibility	_____

rev	amendments	drawn	date
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Client		
Shannon Foynes Port Company		
Project		
Capacity Extension at Shannon Foynes		
Title		
Proposed Highway Layout - Sheet 3 of 4		
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500
Drawing Number		Rev -
H0548-RPS-XX-00-DR-HE-100-04		
Project Leader	Drawn By	Date
BD	MMcG	April 2018
		Initial Review
		JB



NOTES

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- Datum: Ordnance Datum Malin

Key	
Existing Layout	—
Proposed Layout	—
Proposed Retaining Wall	—
Proposed Junction Visibility	—
Proposed Forward Visibility	—

5.

Map Series	Map Series
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	1:5000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
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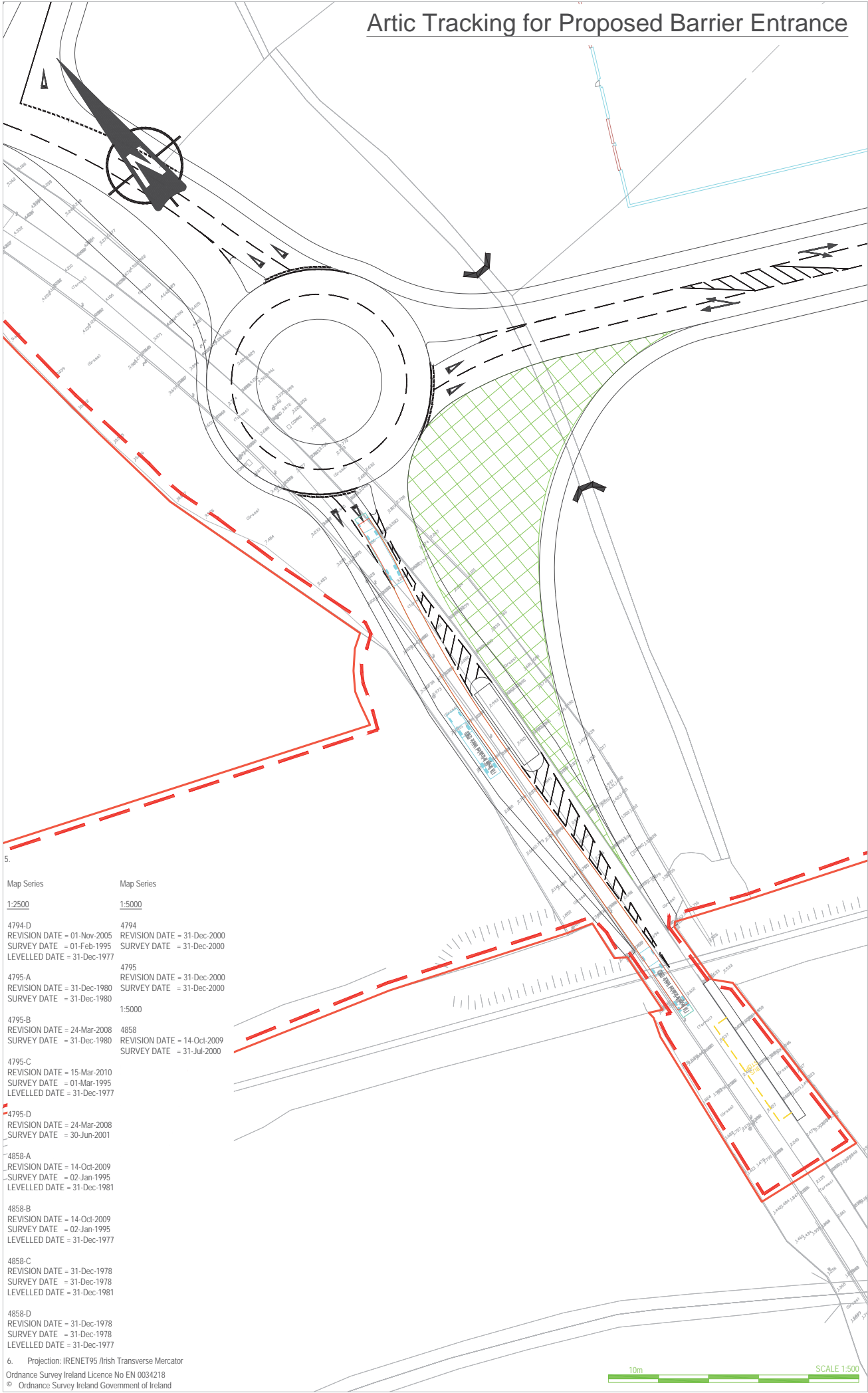
6. Projection: IRENET95 /Irish Transverse Mercator



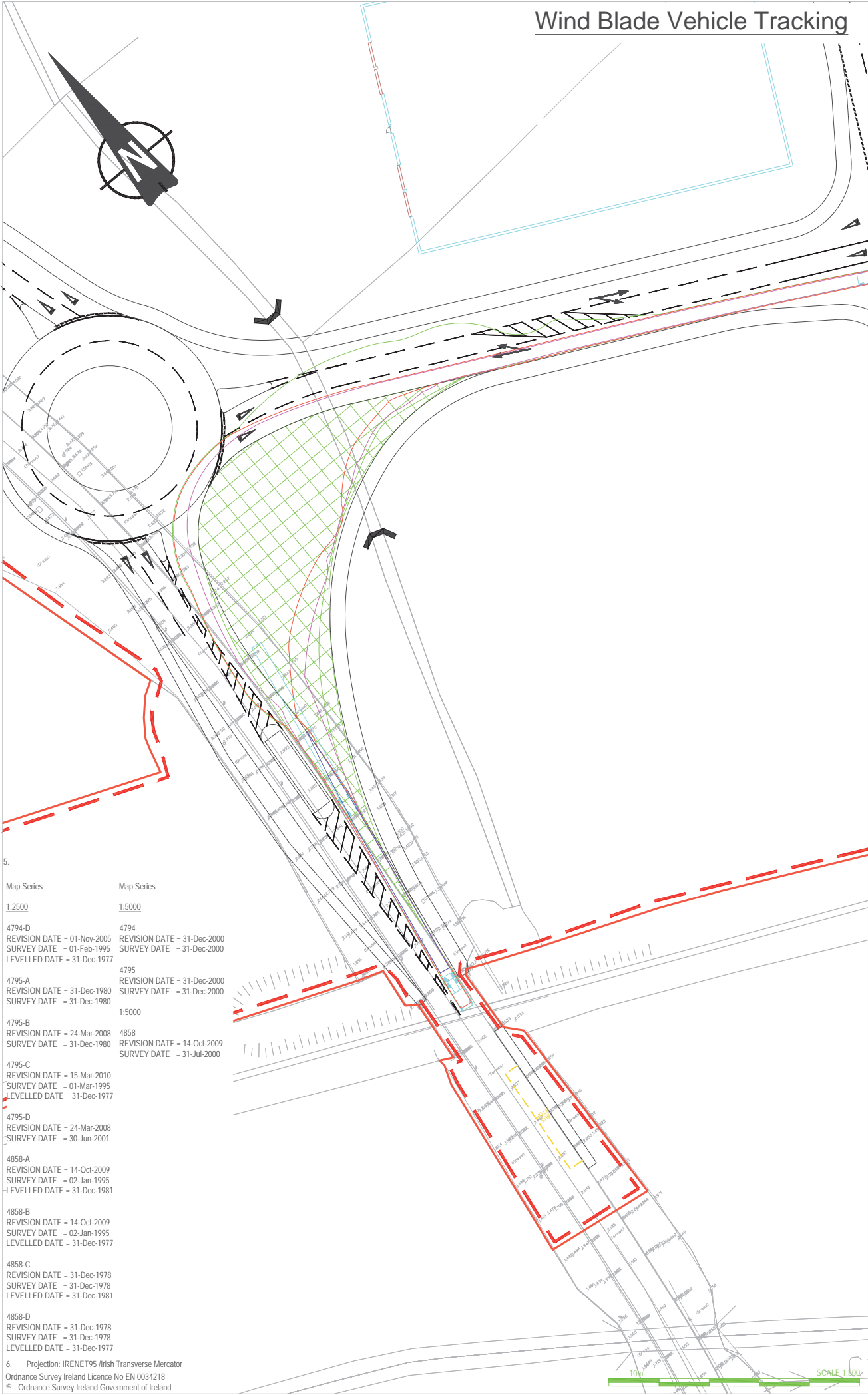
rev	amendments	drawn	date
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Client			
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Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Highway Layout - Sheet 4 of 4			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:500	
Drawing Number			Rev
H0548-RPS-XX-00-DR-HE-100-05			-
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



Artic Tracking for Proposed Barrier Entrance



Wind Blade Vehicle Tracking



NOTES

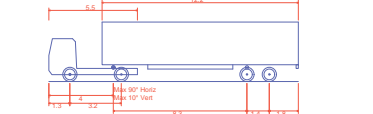
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4. Datum: Ordnance Datum Malin

Key	
Existing Layout	
Proposed Layout	



Custom 75 Meter Wind Blade (Rear Bogie Pivot Steer) \*Rear Steer Capable  
Overall Length 83.514m  
Overall Width 2.591m  
Overall Body Height 3.627m  
Min Body Ground Clearance 0.407m  
Track Width 2.438m  
Lock-to-lock time 12.00s  
Max Wheel Angle 40.00°



FTA Design Articulated Vehicle (1983)  
Overall Length 15.500m  
Overall Width 2.500m  
Overall Body Height 3.685m  
Min Body Ground Clearance 0.428m  
Track Width 2.500m  
Lock-to-lock time 6.00s  
Curb to Curb Turning Radius 6.750m

rev	amendments	drawn	date
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Project  
Capacity Extension at  
Shannon Foynes

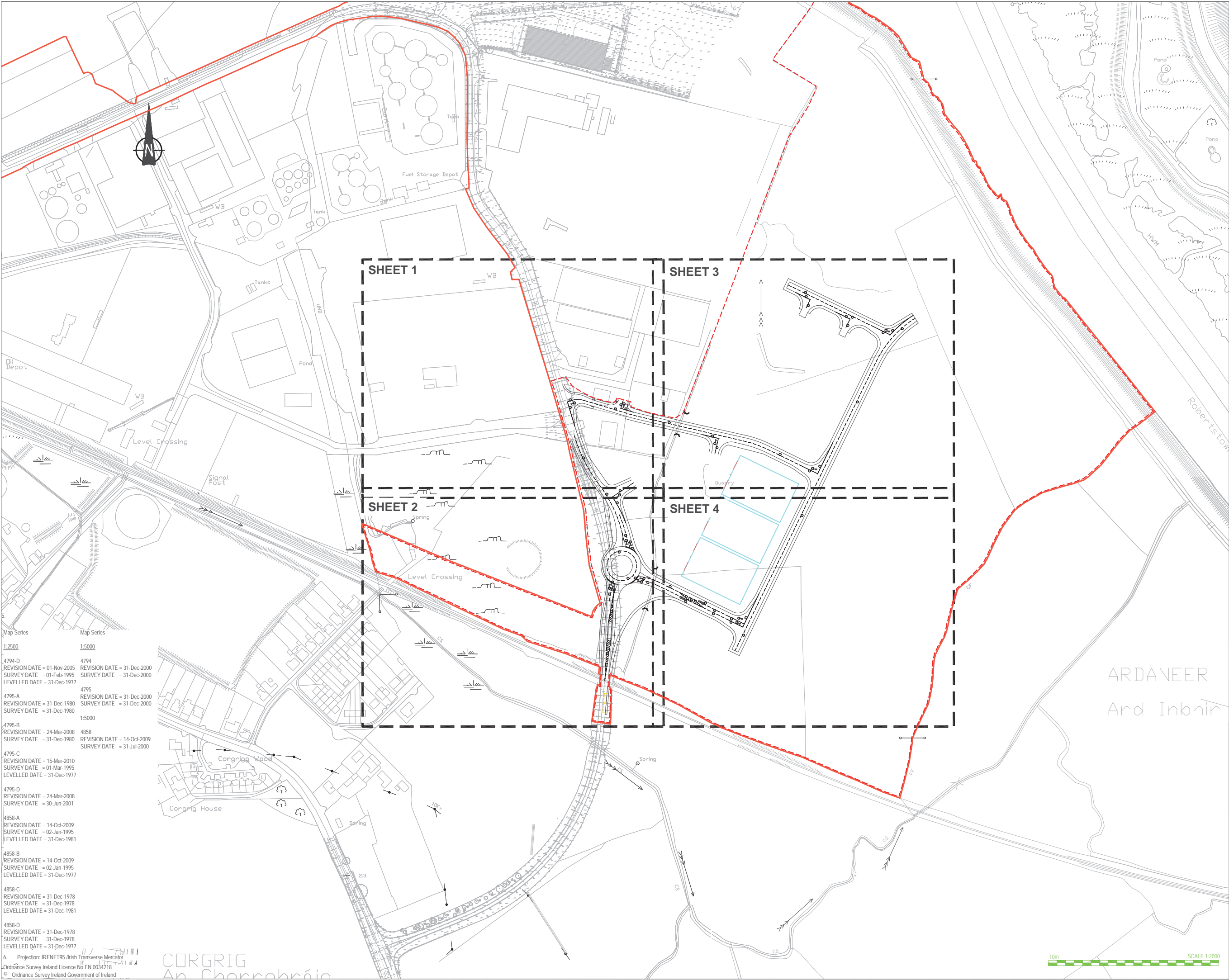
Title  
  
Proposed Tracking

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number  
H0548-RPS-XX-00-DR-HE-100-06

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB





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4. Datum: Ordnance Datum Malin

Key

Existing Layout

Proposed Layout

Proposed Retaining Wall

KEY TO ROAD MARKINGS

Road markings and traffic sign details to comply with the "Traffic signs Manual Chapter 7 (Republic of Ireland) subsequent amending regulations. Diagram numbers are referenced to this document.

Road markings shall be in thermoplastic screed to BS EN 1436 with applied solid glass beads to BS EN 1423.

The removal of all superseded road markings within the site boundary shall be carried out to the satisfaction of the engineer.

All road markings are subject to the approval of a representative of DRD Roads Service at the time of application.

ROAD MARKINGS:

1. DIAGRAM M 115:-  
Triangular Yield Marking - 3750mm long marking: 1250mm wide and 150mm thick.

2. DIAGRAM RRM 003B:-  
Hazard warning line - 1 No. 100mm wide line; 4000mm long mark, 2000mm long gap: colour white.

3. DIAGRAM RRM 018:-  
Yield Line - 1 No. 200mm wide line: 1000mm long mark, 1000mm long gap: Colour white.

4. DIAGRAM RRM 021:-  
Cross hatching (to restrict vehicular access) - 2 no. 100mm wide boundary lines (as per diagram 1004 above). 150mm wide cross hatching between boundary lines: cross hatching @ 45° to direction of flow with 3000mm between lines of hatching: colour white.

5. DIAGRAM RRM 019:-  
No Entry Line: 1 No. 200mm wide Continuous single line and 1 No. 200mm wide line: 1000mm long mark, 1000mm long gap. 300mm apart Colour white.

6. DIAGRAM RRM 017:-  
Stop Line, 1 no. 200mm Continuous single line, Colour White.

7. DIAGRAM R 102:-  
Bifurcation Arrow - 8000mm long arrow: Colour White.

rev

amendments

drawn

date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at  
Shannon Foynes

Title

Proposed Road Markings - Overall

Drawing Status

Sheet Size

Drawing Scale

Planning

A1

1:2000

Drawing Number

Rev

H0548-RPS-XX-00-DR-HE-110-01

-

Project Leader

Drawn By

Date

Initial Review

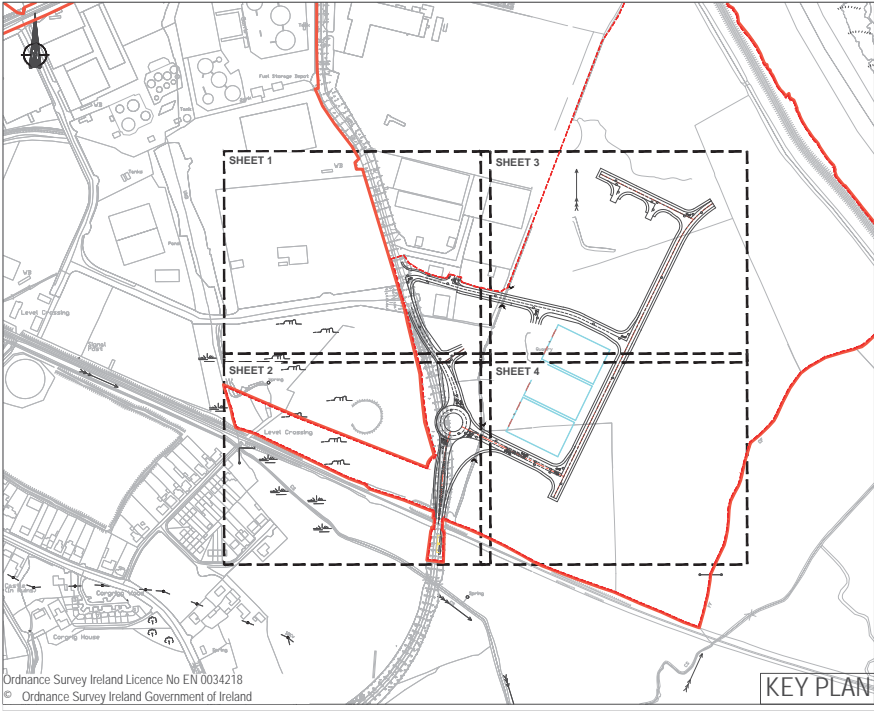
BD

MMcG

April 2018

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KEY PLAN



Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
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4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
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4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
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6	Projection: IRENET95 Irish Transverse Mercator
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- Datum: Ordnance Datum Malin

Key	
Existing Layout	
Proposed Layout	
Proposed Retaining Wall	

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No Entry Line: 1 No. 200mm wide Continuous single line and 1 No. 200mm wide line; 1000mm long mark, 1000mm long gap. 300mm apart. Colour white.
  - DIAGRAM RRM 017:-  
Stop Line, 1 no. 200mm Continuous single line, Colour White.
  - DIAGRAM R 102:-  
Bifurcation Arrow - 8000mm long arrow; Colour White.

rev	amendments	drawn	date
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Client  
**Shannon Foynes Port Company**

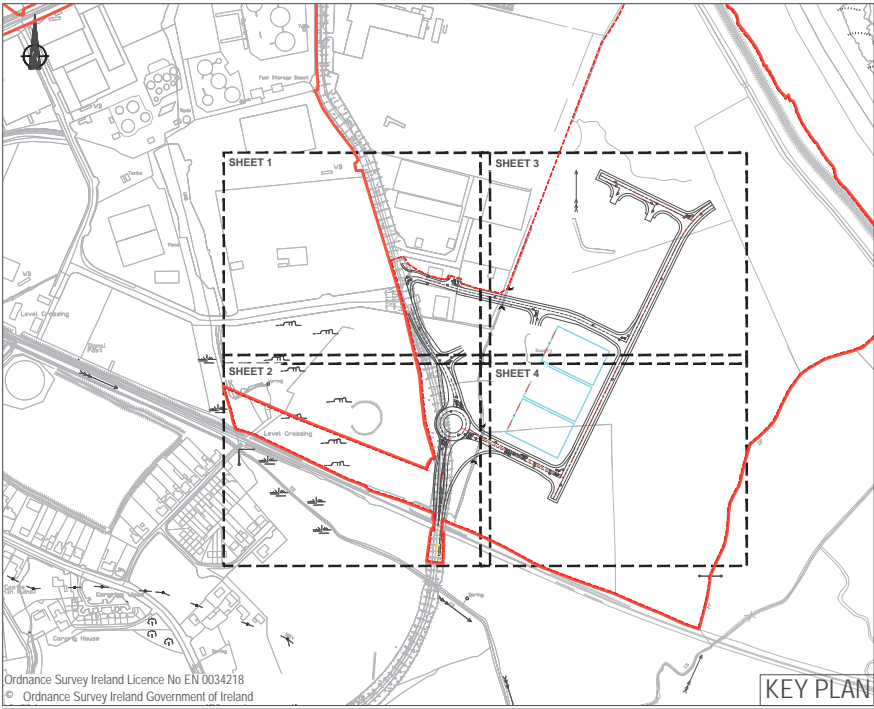
Project  
**Capacity Extension at Shannon Foynes**

Title  
**Proposed Road Markings - Sheet 1 of 4**

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-110-02	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB

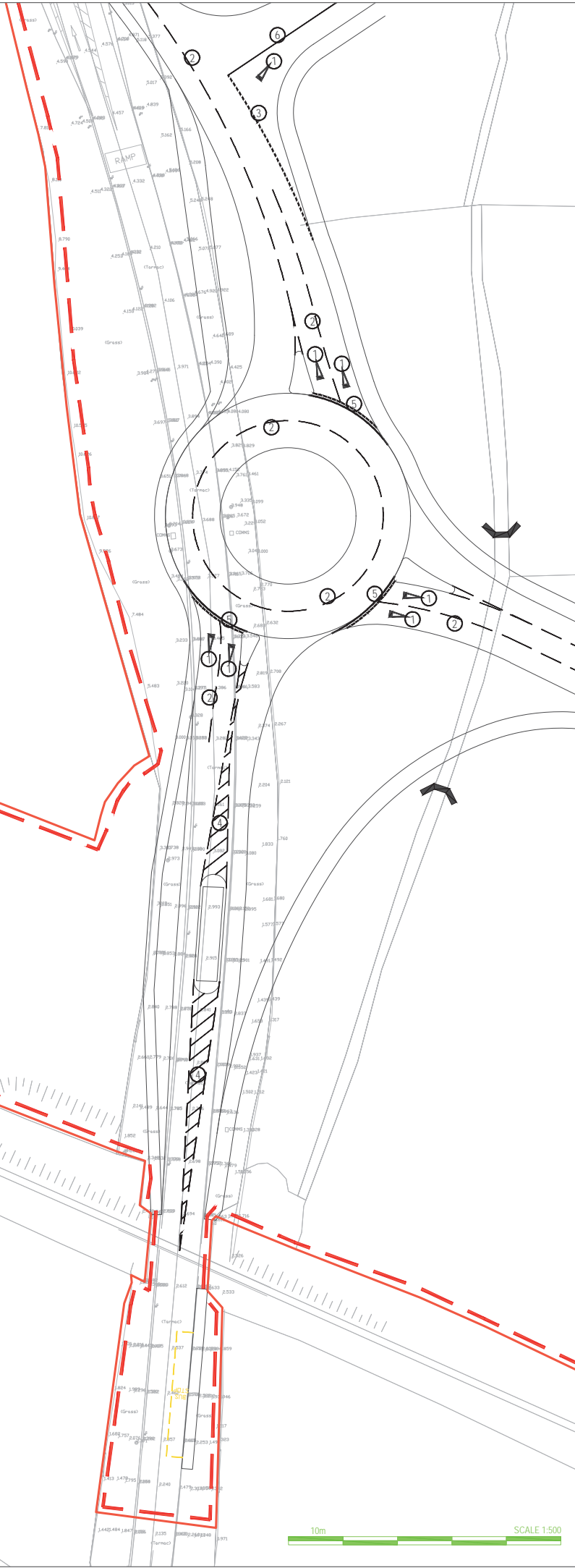
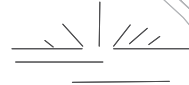
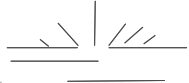
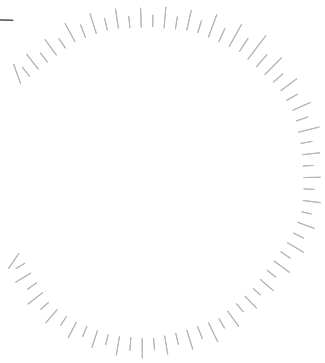


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KEY PLAN

Level Crossing

Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6. Projection: IRENET95 Irish Transverse Mercator	
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10m SCALE 1:500

## NOTES

- Verifying Dimensions.  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
- Existing Services.  
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- Datum: Ordnance Datum Malin

### Key

Existing Layout

Proposed Layout

Proposed Retaining Wall

### KEY TO ROAD MARKINGS

Road markings and traffic sign details to comply with the "Traffic signs Manual Chapter 7 (Republic of Ireland) subsequent amending regulations. Diagram numbers are referenced to this document.

Road markings shall be in thermoplastic screed to BS EN 1436 with applied solid glass beads to BS EN 1423.

The removal of all superseded road markings within the site boundary shall be carried out to the satisfaction of the engineer.

All road markings are subject to the approval of a representative of DRD Roads Service at the time of application.

### ROAD MARKINGS:

- DIAGRAM M 115:-  
Triangular Yield Marking - 3750mm long marking: 1250mm wide and 150mm thick.
- DIAGRAM RRM 003B:-  
Hazard warning line - 1 No. 100mm wide line; 4000mm long mark, 2000mm long gap; colour white.
- DIAGRAM RRM 018:-  
Yield Line - 1 No. 200mm wide line: 1000mm long mark, 1000mm long gap: Colour white.
- DIAGRAM RRM 021:-  
Cross hatching (to restrict vehicular access) - 2 no. 100mm wide boundary lines (as per diagram 1004 above): 150mm wide cross hatching between boundary lines: cross hatching @ 45° to direction of flow with 3000mm between lines of hatching: colour white.
- DIAGRAM RRM 019:-  
No Entry Line: 1 No. 200mm wide Continuous single line and 1 No. 200mm wide line: 1000mm long mark, 1000mm long gap. 300mm apart Colour white
- DIAGRAM RRM 017:-  
Stop Line, 1 no. 200mm Continuous single line, Colour White
- DIAGRAM R 102:-  
Bifurcation Arrow - 8000mm long arrow: Colour White

rev	amendments	drawn	date
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E ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project  
Capacity Extension at  
Shannon Foynes

Title

Proposed Road Markings - Sheet 2 of 4

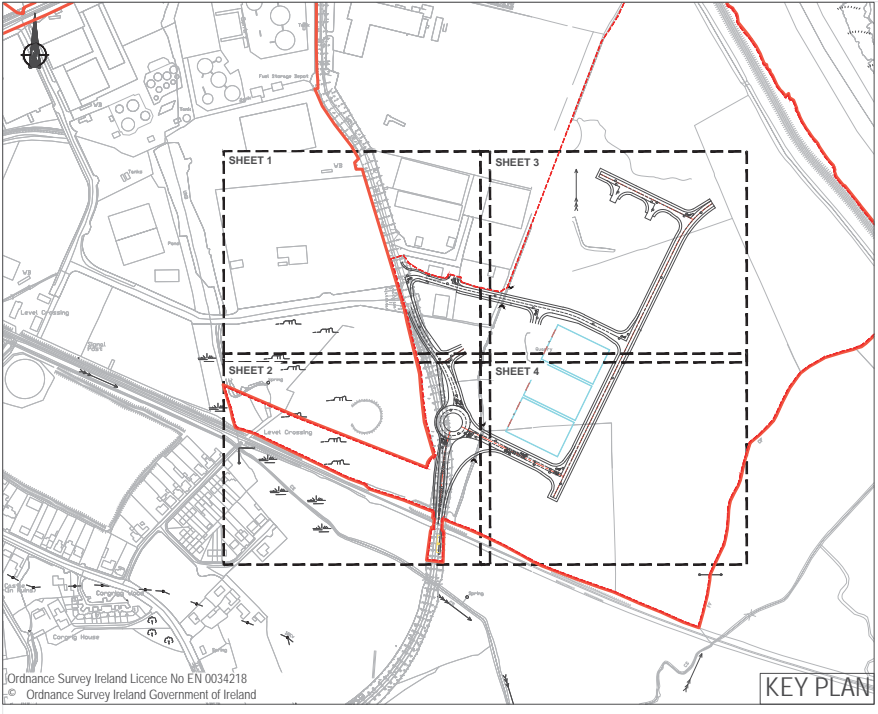
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
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H0548-RPS-XX-00-DR-HE-110-03

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB





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## NOTES

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- Datum: Ordnance Datum Malin

Key	
Existing Layout	
Proposed Layout	
Proposed Retaining Wall	

### KEY TO ROAD MARKINGS

Road markings and traffic sign details to comply with the "Traffic signs Manual Chapter 7 (Republic of Ireland) subsequent amending regulations. Diagram numbers are referenced to this document.

Road markings shall be in thermoplastic screed to BS EN 1436 with applied solid glass beads to BS EN 1423.

The removal of all superseded road markings within the site boundary shall be carried out to the satisfaction of the engineer.

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- DIAGRAM M 115:-  
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- DIAGRAM RRM 003B:-  
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- DIAGRAM RRM 018:-  
Yield Line - 1 No. 200mm wide line: 1000mm long mark, 1000mm long gap: Colour white.
- DIAGRAM RRM 021:-  
Cross hatching (to restrict vehicular access) - 2 no. 100mm wide boundary lines (as per diagram 1004 above): 150mm wide cross hatching between boundary lines: cross hatching @ 45° to direction of flow with 3000mm between lines of hatching: colour white.
- DIAGRAM RRM 019:-  
No Entry Line: 1 No. 200mm wide Continuous single line and 1 No. 200mm wide line: 1000mm long mark, 1000mm long gap. 300mm apart Colour white
- DIAGRAM RRM 017:-  
Stop Line, 1 no. 200mm Continuous single line, Colour White
- DIAGRAM R 102:-  
Bifurcation Arrow - 8000mm long arrow: Colour White

rev	amendments	drawn	date

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Client  
  
Shannon Foynes Port Company

Project  
Capacity Extension at  
Shannon Foynes

Title  
  
Proposed Road Markings - 3 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-110-04	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



Key

## KEY TO ROAD MARKINGS

Road markings and traffic sign details to comply with the "Traffic signs Manual Chapter 7 (Republic of Ireland) subsequent amending regulations. Diagram numbers are referenced to this document.

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ROAD MARKINGS:

1. **DIAGRAM M 115:**  
Triangular Yield Marking - 3750mm long marking: 1250mm wide and 1500mm thick
2. **DIAGRAM RRM 003B:**  
Hazard warning line: 1 No. 100mm wide line: 4000mm long marking, 2000mm long gap: colour white.
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Yield Line - 1 No. 200mm wide line: 1000mm long marking, 1000mm long gap: Colour white.
4. **DIAGRAM RRM 021:**  
Cross hatching (to restrict vehicular access) - 2 no. 100mm wide boundary lines (as per diagram 1004 above) 150mm wide cross hatching between boundary lines: cross hatching @ 45° to direction of flow with 3000mm between lines of hatching: colour white.
5. **DIAGRAM RRM 019:**  
No Entry Line: 1 No. 200mm wide Continuous single line and 1 No. 200mm wide line 1000mm long marking, 1000mm long gap. 300mm apart Colour white  
a) **Diagram RRM 019 (a)**  
Stop Line: 1 no. 200mm Continuous single line, Colour White
6. **DIAGRAM R 102:**  
Bifurcation Arrow - 8000mm long arrow: Colour White

Map Series	Map Series
<u>1:2500</u>	<u>1:5000</u>

4795-A  
REVISION DATE = 31-Dec-1980  
SURVEY DATE = 31-Dec-1980

REVISION DATE = 15-Mar-2010  
SURVEY DATE = 01-Mar-1995  
LEVELLED DATE = 31-Dec-1977

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Client

Shannon Foynes Port Company

Project

## Capacity Extension at Shannon Foynes

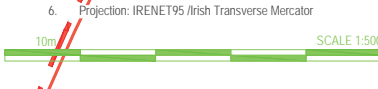
Title

## Proposed Road Markings - 4 of 4

Drawing Number	Rev
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H0548-RPS-XX-00-DR-HE-110-05

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB





VERTICAL - 1:100

Level Datum =0.000

MC10 LEVELS	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	3.319	3.469	3.593	3.636
GRADIENT		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10023.194	1.497	1.240	1.019
EXISTING LEVELS	2.660	2.683	2.723	2.785	2.847	2.895	2.988	3.071	3.176	3.315	3.476	3.378	3.378	3.142	
EXISTING LEVEL DIFF.												0.005	-0.008	0.215	
HORIZONTAL ALIGNMENT	L=81.479m										R=180.000m L=32.755m				
VERTICAL ALIGNMENT											G=1.514 L=15.292m R=15.431 L=11.250m				
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	114.235		

HORIZONTAL - 1:500

PROPOSED MC10 ROAD LONGSECTION

VERTICAL - 1:100

Level Datum =0.000


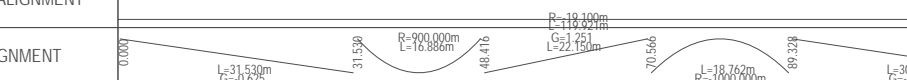
MC20 LEVELS	-999.000	-999.000	-999.000	-999.000	5.154	5.055	4.955	4.855	4.755	4.656	4.556	4.456	4.357	4.257	4.157	4.057	3.962	3.940	3.987
GRADIENT		0.000	0.000	0.000	10041.542	-0.997	-0.997	-0.997	-0.997	-0.997	-0.997	-0.997	-0.997	-0.997	-0.997	-0.997	-0.958	-0.216	0.647
EXISTING LEVELS	5.547	5.445	5.338	5.254	5.126	5.059	4.951	4.818	4.659	5.088	5.450	5.283	5.169	5.023	4.392	3.658	3.279	2.987	2.927
EXISTING LEVEL DIFF.					0.028	-0.004	0.004	0.038	-0.104	-0.432	-0.895	-0.827	-0.812	-0.767	-0.235	0.400	0.743	0.954	
HORIZONTAL ALIGNMENT	L=32.632m				R=180.000m L=65.275m				R=150.000m L=79.352m				R=1000.000m L=20.072m						
VERTICAL ALIGNMENT					32.632					L=124.555m G=-0.997				157.187					177.299
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	177.259

HORIZONTAL - 1:500

PROPOSED MC20 ROAD LONGSECTION

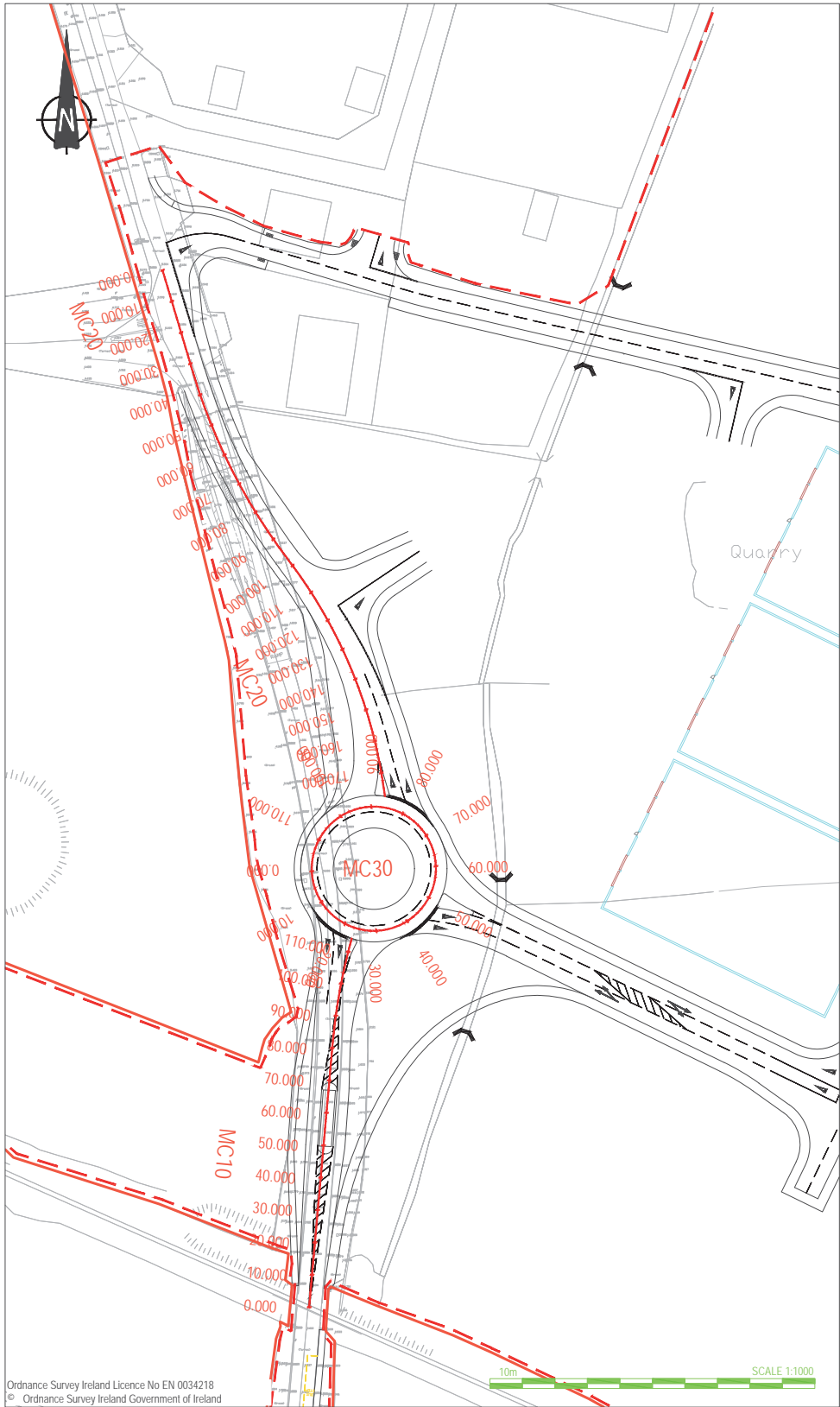
VERTICAL - 1:100

Level Datum =0.000

MC30 LEVELS	3.850	3.787	3.725	3.662	3.640	3.725	3.851	3.976	4.056	4.037	3.975	3.912	3.850
GRADIENT		-0.625	-0.625	-0.625	-0.227	0.857	1.251	1.251	0.806	-0.190	-0.625	-0.625	-0.625
EXISTING LEVELS	3.576	3.548	3.427	2.828	2.600	2.375	2.138	2.141	2.353	3.316	3.970	3.791	3.578
EXISTING LEVEL DIFF.	0.274	0.240	0.298	0.835	1.039	1.350	1.712	1.835	1.704	0.722	0.004	0.121	
HORIZONTAL ALIGNMENT													
VERTICAL ALIGNMENT													
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	119.921

HORIZONTAL - 1:500

PROPOSED MC30 ROAD LONGSECTION



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#### NOTES

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- Datum: Ordnance Datum Malin

#### Key

Existing Layout

Proposed Layout

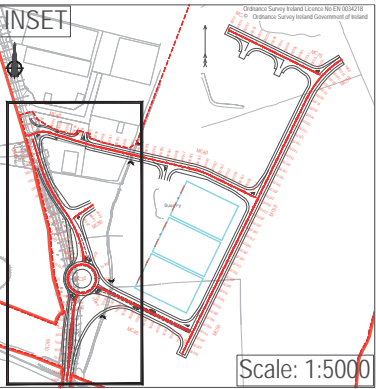
Proposed Layout

0.000 10.000 20.000

#### Longsection Key

Existing Layout

Proposed Layout



rev amendments drawn date

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E ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project  
Capacity Extension at  
Shannon Foynes

Title

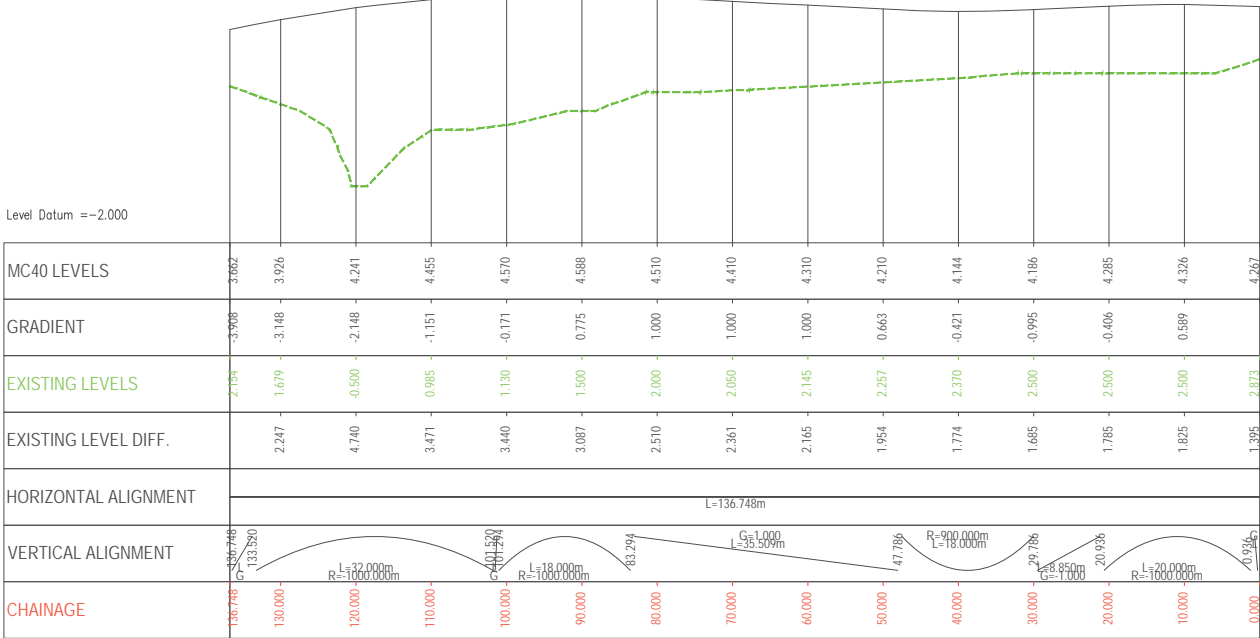
Proposed Longsection - Sheet 1 of 4

Drawing Status Planning Sheet Size A1 Drawing Scale As Shown

Drawing Number H0548-RPS-XX-00-DR-HE-130-01 Rev -

Project Leader BD Drawn By DMI Date April 2018 Initial Review JB

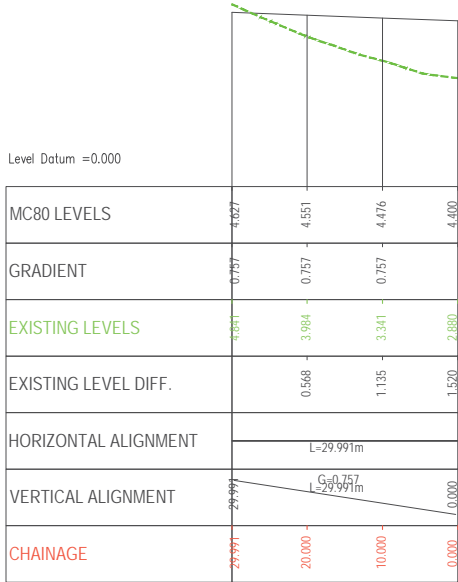
VERTICAL - 1:100



HORIZONTAL - 1:500

PROPOSED MC40 ROAD LONGSECTION

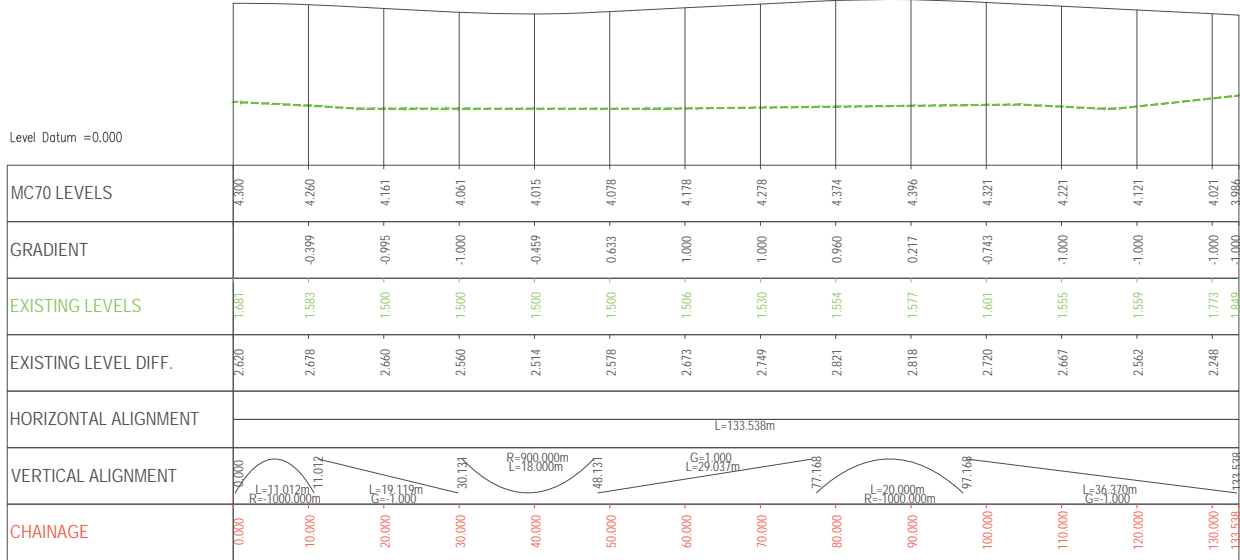
VERTICAL - 1:100



HORIZONTAL - 1:500

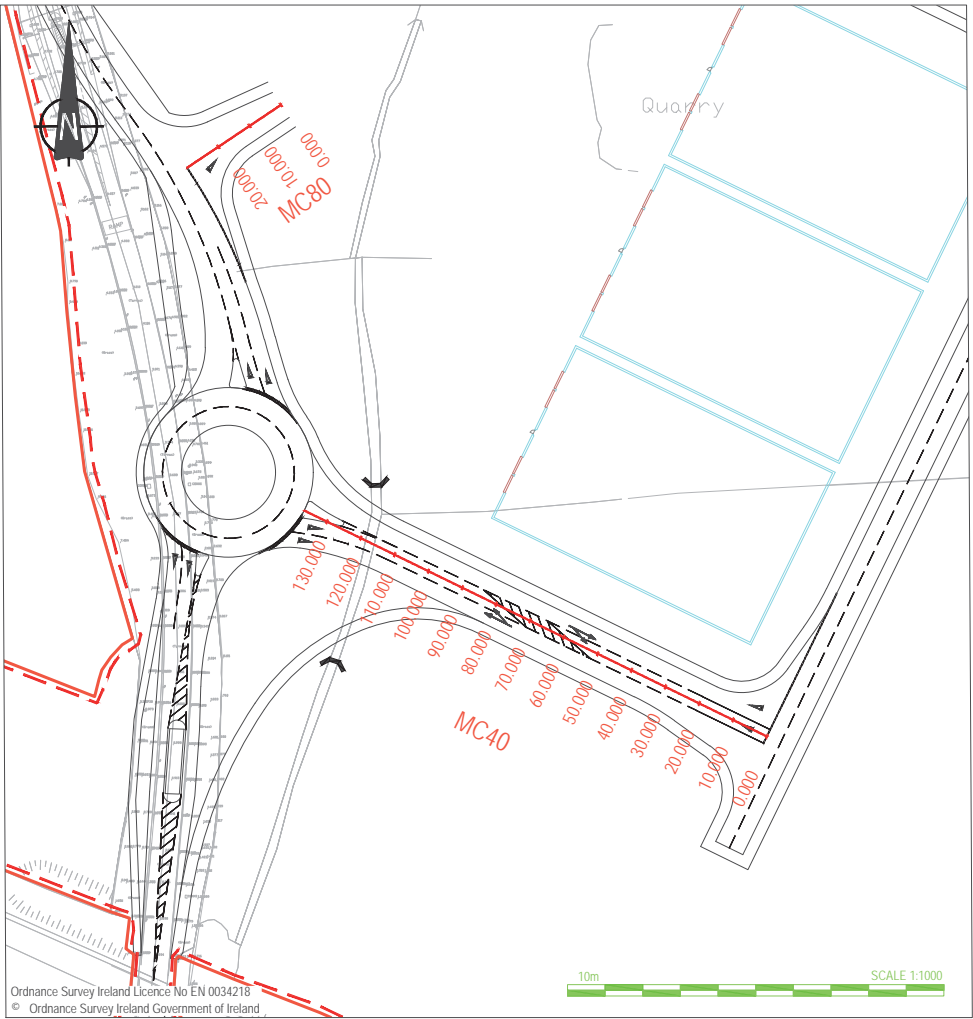
PROPOSED MC80 ROAD LONGSECTION

VERTICAL - 1:100

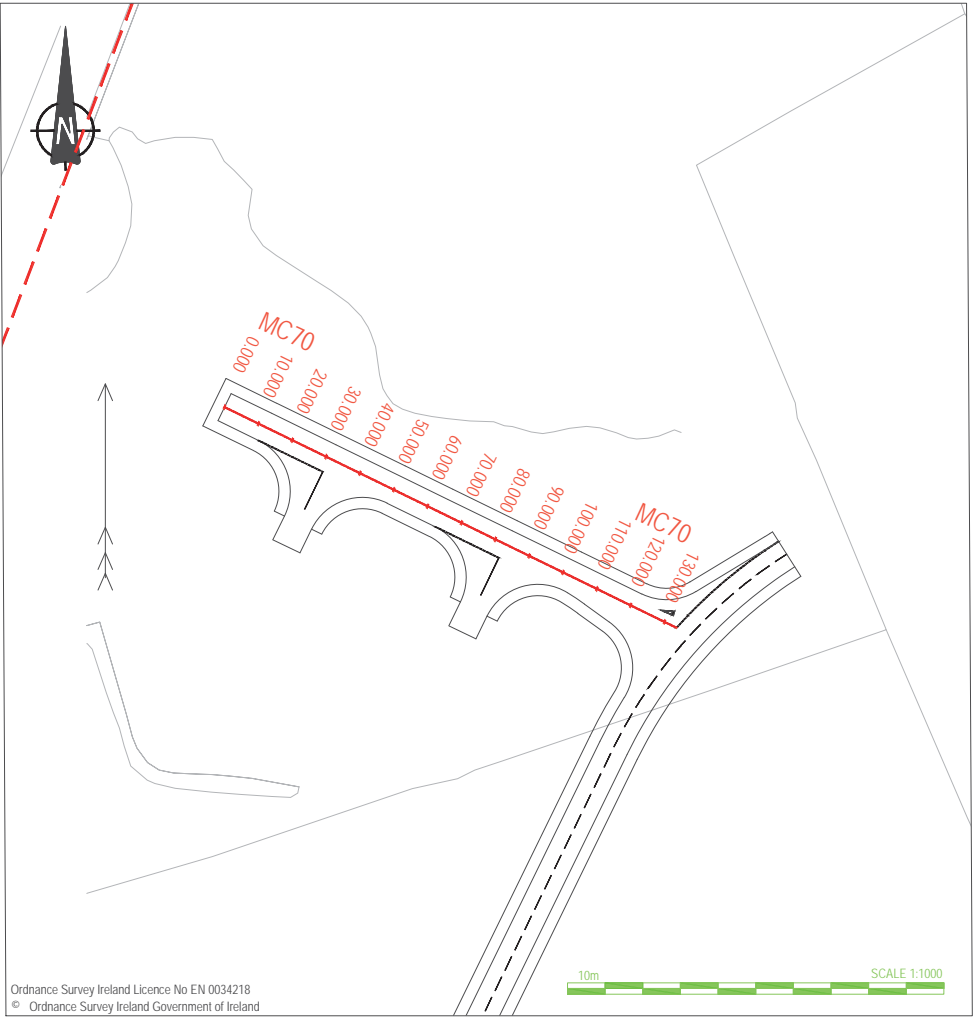


HORIZONTAL - 1:500

PROPOSED MC70 ROAD LONGSECTION



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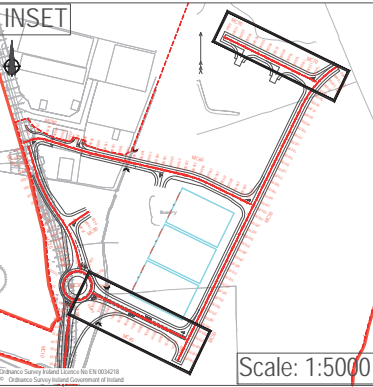
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## NOTES

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- Datum: Ordnance Datum Malin

Key	
Existing Layout	—
Proposed Layout	—
Proposed Layout	0.000 10.000 20.000
Longsection Key	
Existing Layout	—
Proposed Layout	—



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rev	amendments	drawn	date
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Client

Shannon Foynes Port Company

Project  
Capacity Extension at  
Shannon Foynes

Title

Proposed Longsection - Sheet 2 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

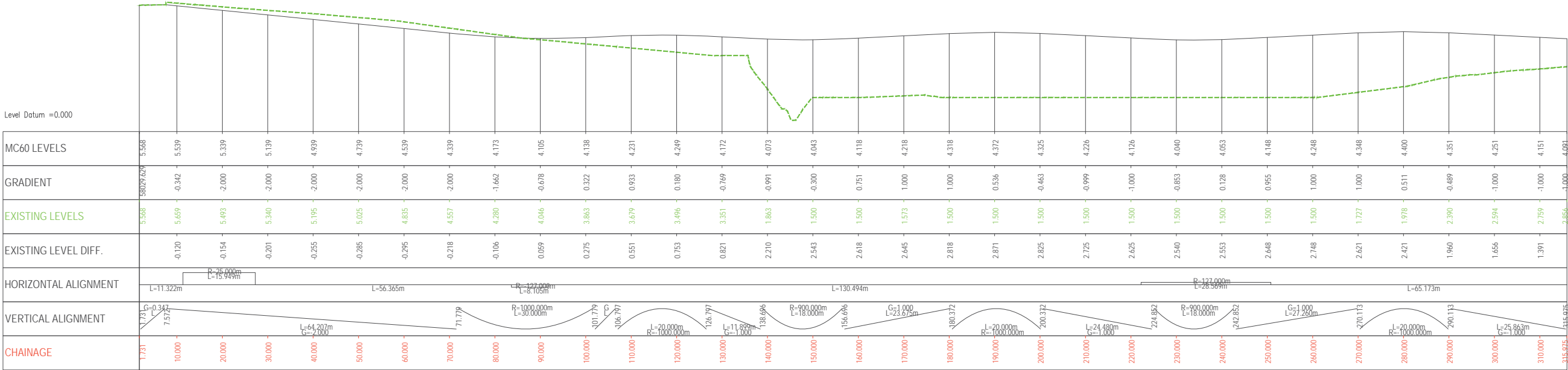
Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-130-02	-

Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB





VERTICAL - 1:100

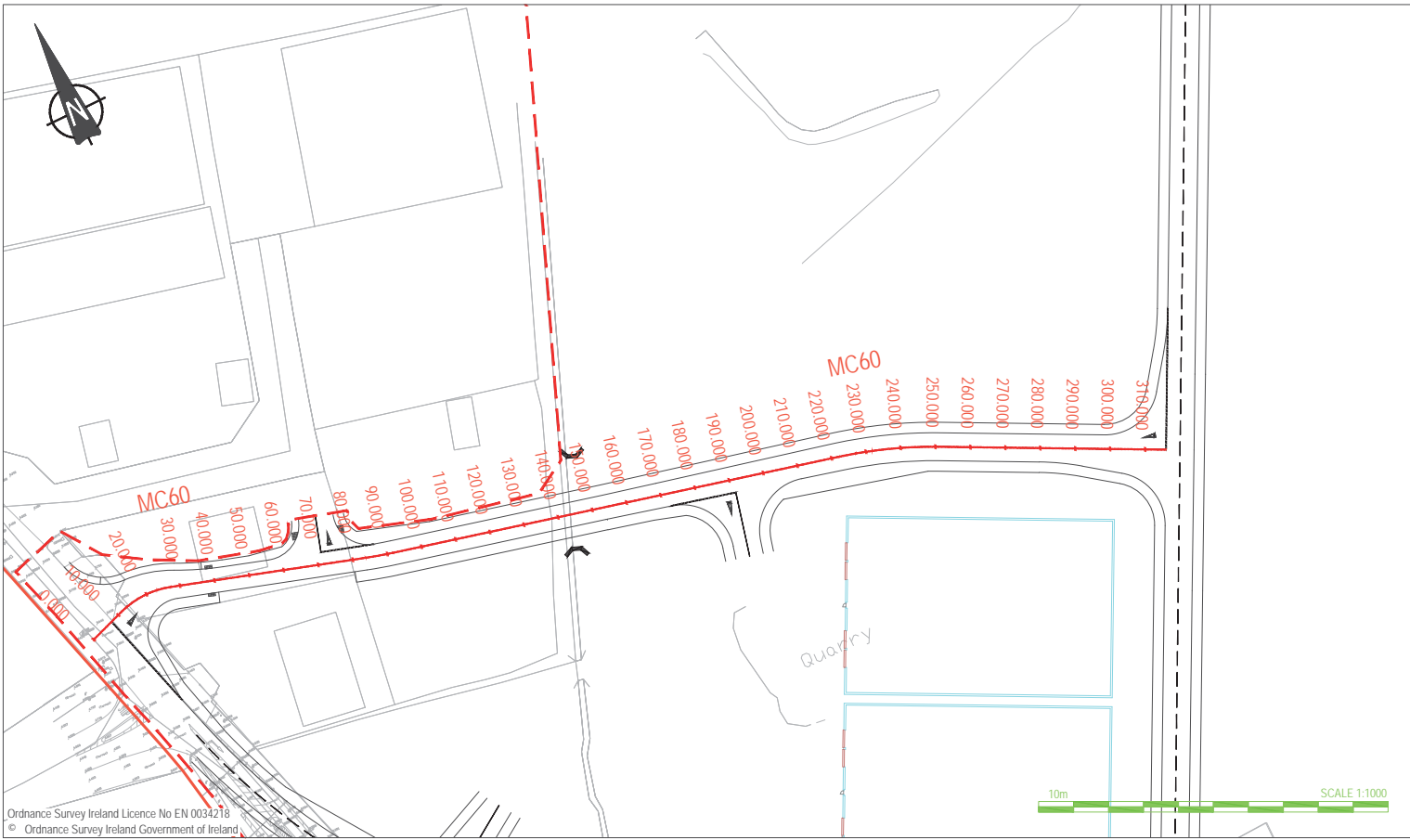
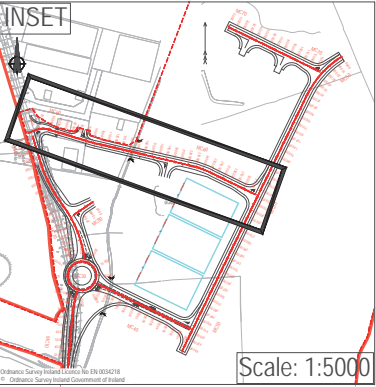
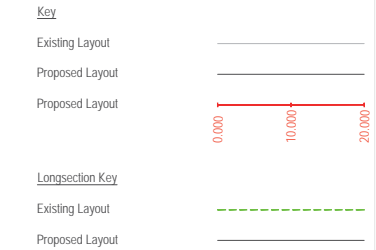


HORIZONTAL - 1:500

PROPOSED MC60 ROAD LONGSECTION

NOTES

- Verifying Dimensions.  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
- Existing Services.  
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- Datum: Ordnance Datum Malin

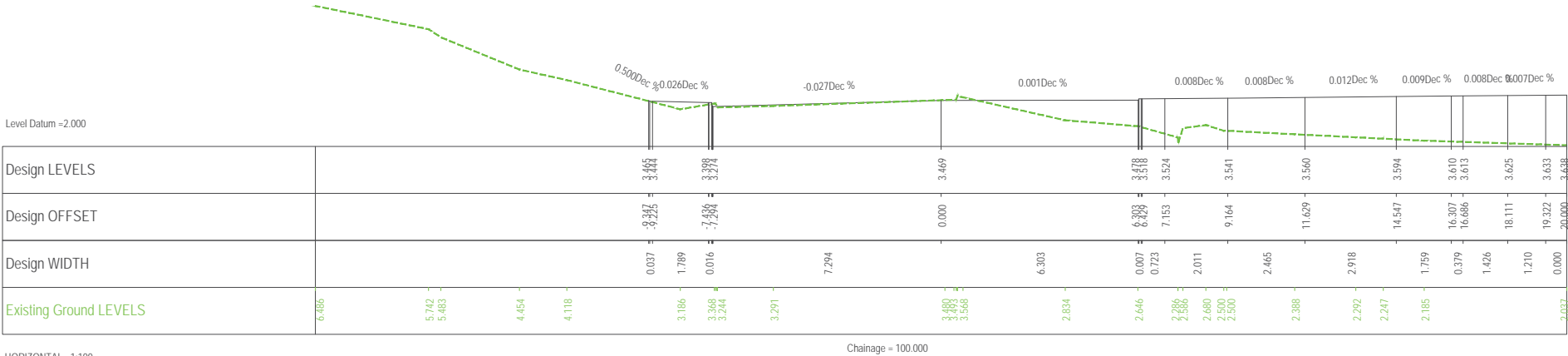


rev	amendments	drawn	date
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Longsection - Sheet 4 of 4			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number			Rev
H0548-RPS-XX-00-DR-HE-130-04			-
Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB

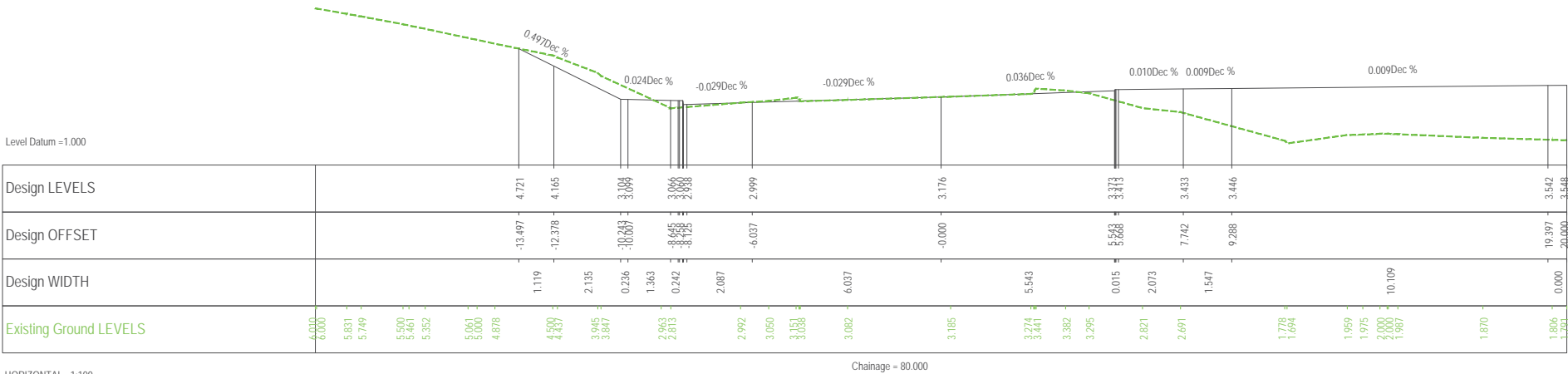




VERTICAL - 1:100

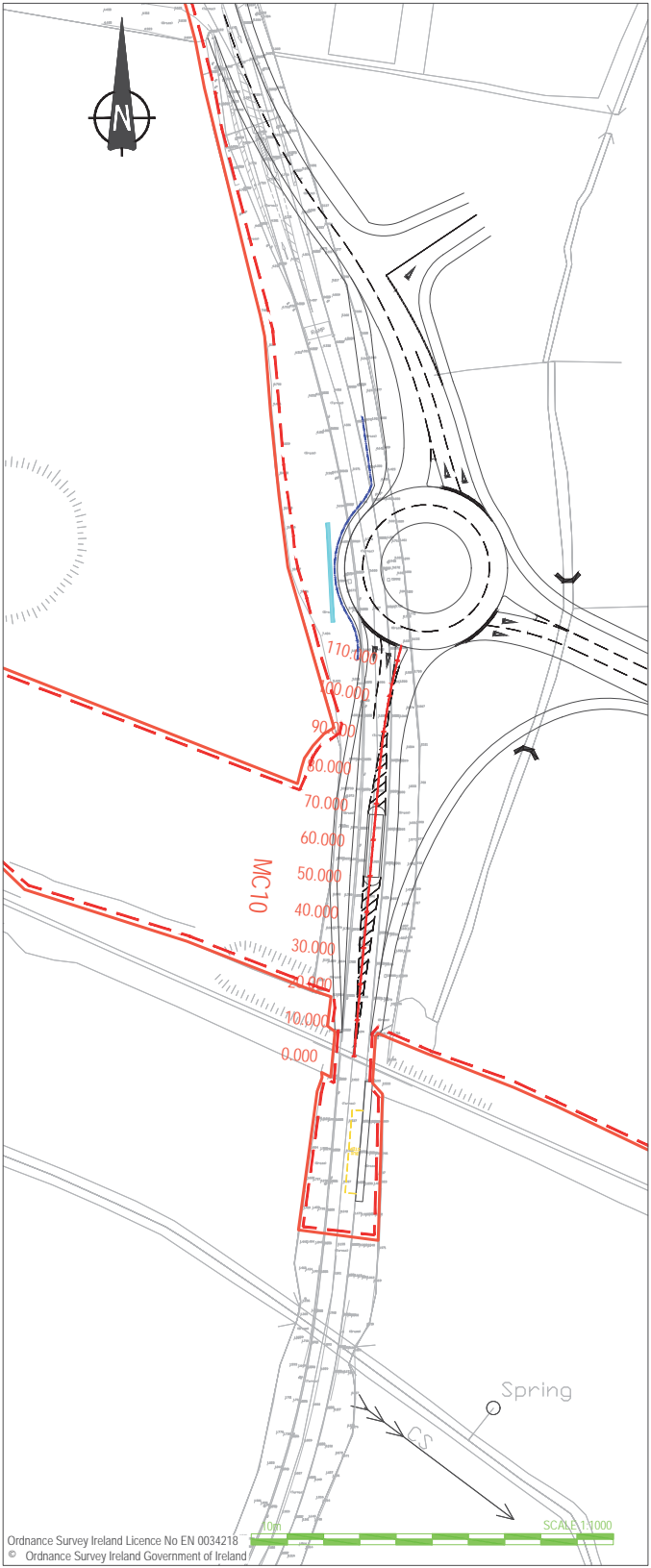


Level Datum = 1.000



VERTICAL - 1:100

HORIZONTAL - 1:100



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## NOTES

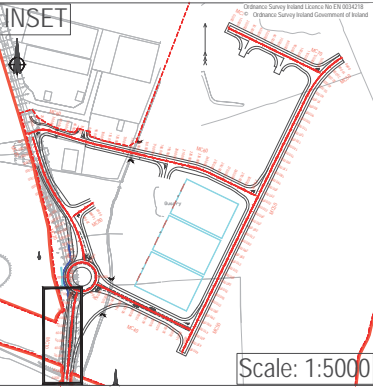
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- Existing Services.  
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- Issue of Drawings.  
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- Datum: Ordnance Datum Malin

### Key

Existing Layout  
Proposed Layout  
Proposed Layout

### Cross-Section Key

Existing Layout  
Proposed Layout



rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at  
Shannon Foynes

Title

Proposed Cross Section (MC10)  
- Sheet 2 of 2

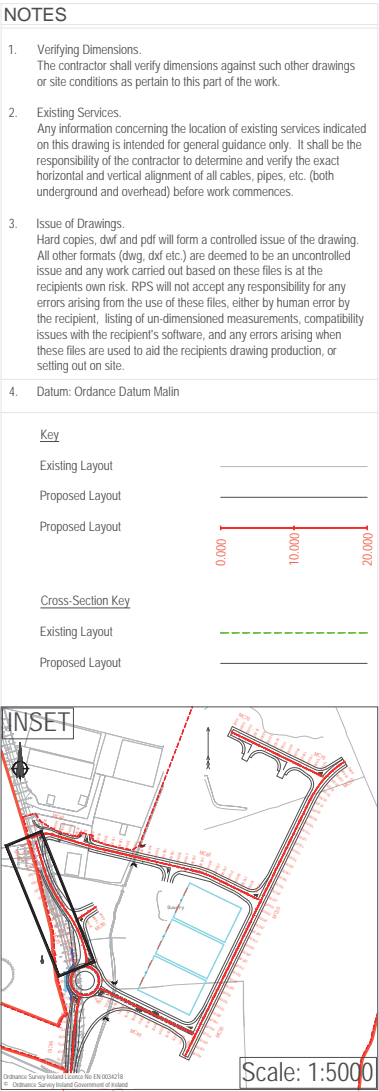
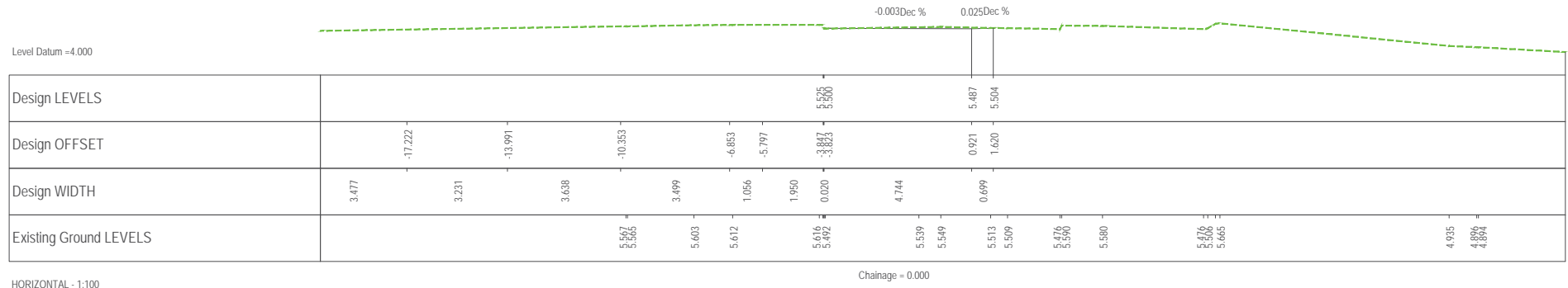
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Planning	A1	As Shown


Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-140-02	-

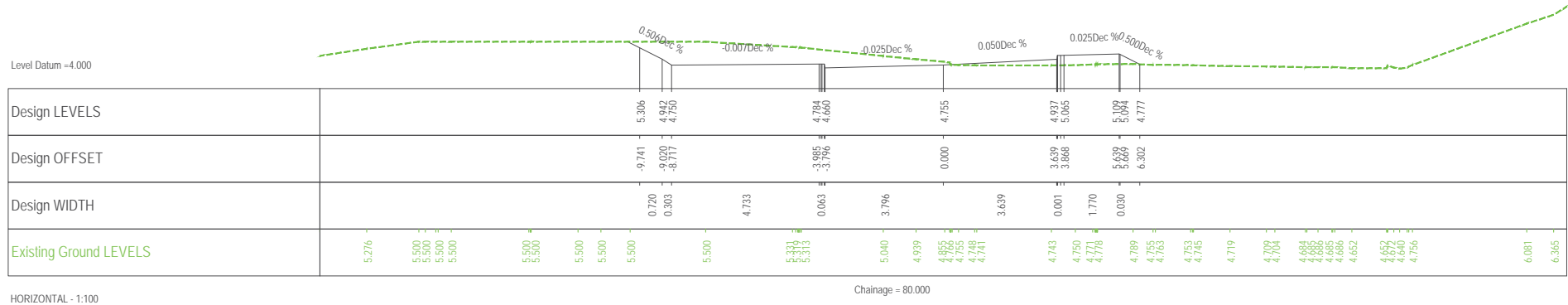
Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB



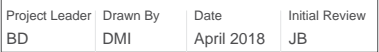
VERTICAL - 1:100



rev	amendments		drawn	date
 <div>             Elmwood House              74 Boucher Road              Belfast              BT12 6RZ           </div> <div> <b>T</b> +44 (0) 28 90 667914  <b>F</b> +44 (0) 28 90 668286  <b>W</b> <a href="http://www.rpsgroup.com">www.rpsgroup.com</a>  <b>E</b> <a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a> </div>				
Client				
Shannon Foynes Port Company				
Project				
Capacity Extension at Shannon Foynes				
Title				
Proposed Cross Section (MC20) - Sheet 1 of 3				
Drawing Status		Sheet Size		Drawing Scale
Planning		A1		As Shown
Drawing Number			Rev	-
H0548-RPS-XX-00-DR-HE-140-03				
Project Leader		Drawn By		Date
BD		DMI		April 2018
			Initial Review	
			JB	

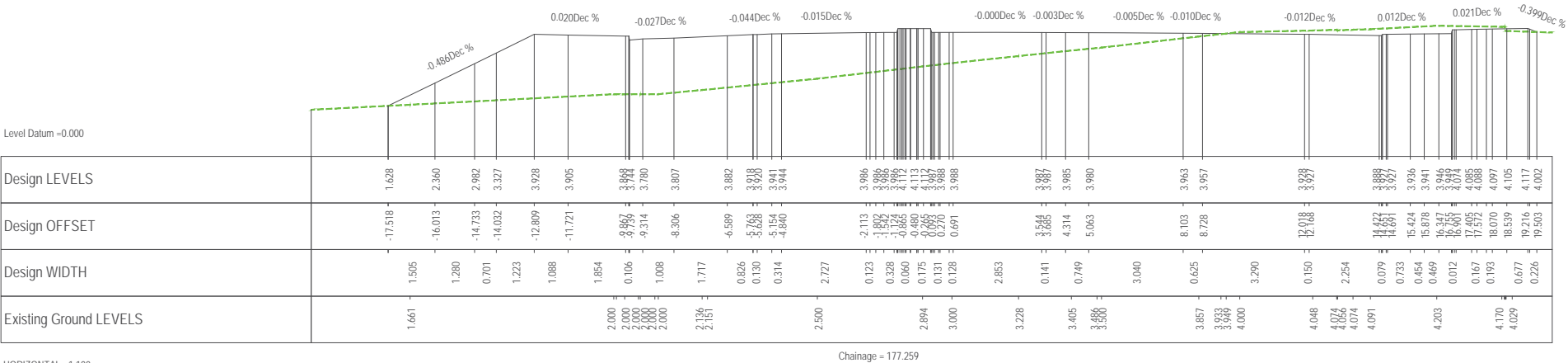


- Key
- Existing Layout \_\_\_\_\_
- Proposed Layout \_\_\_\_\_
- Proposed Layout \_\_\_\_\_
- 0.000 10.000 20.000
- Cross-Section Key
- Existing Layout - - - - -
- Proposed Layout \_\_\_\_\_

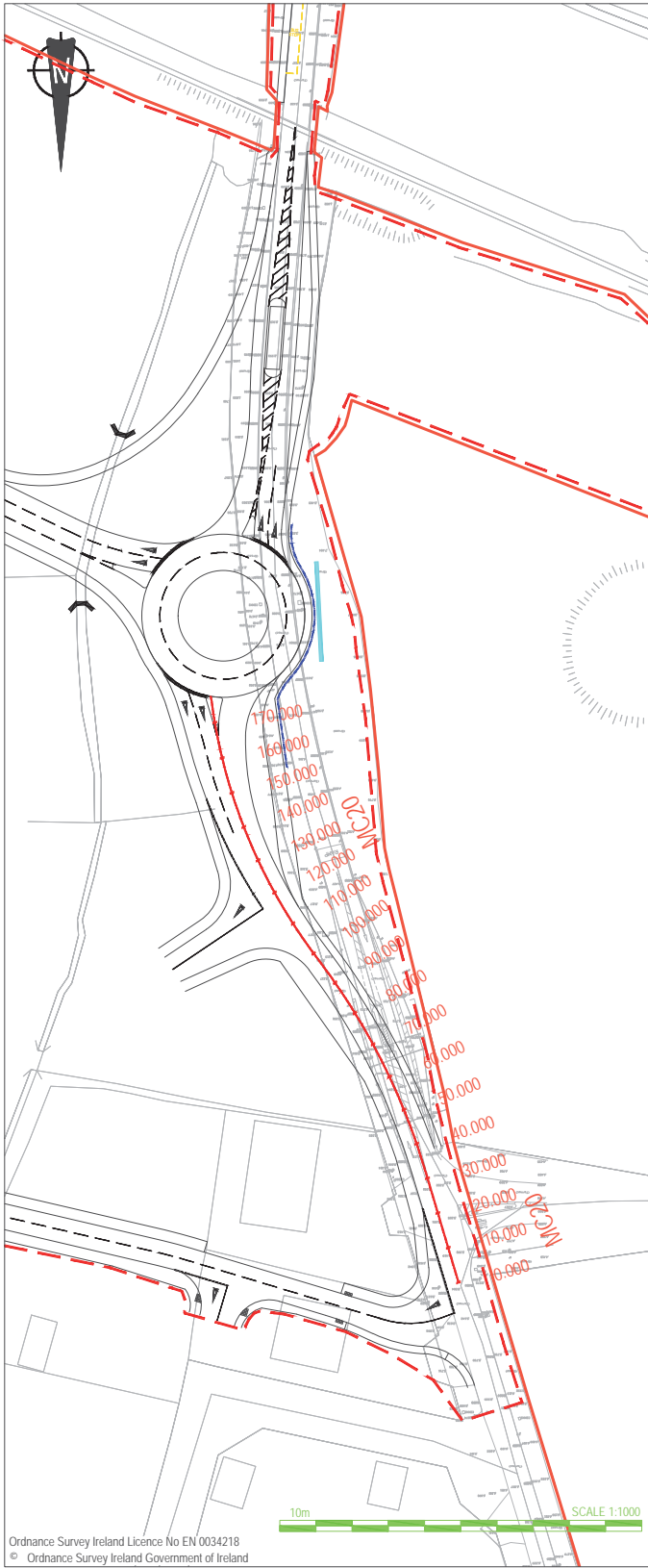
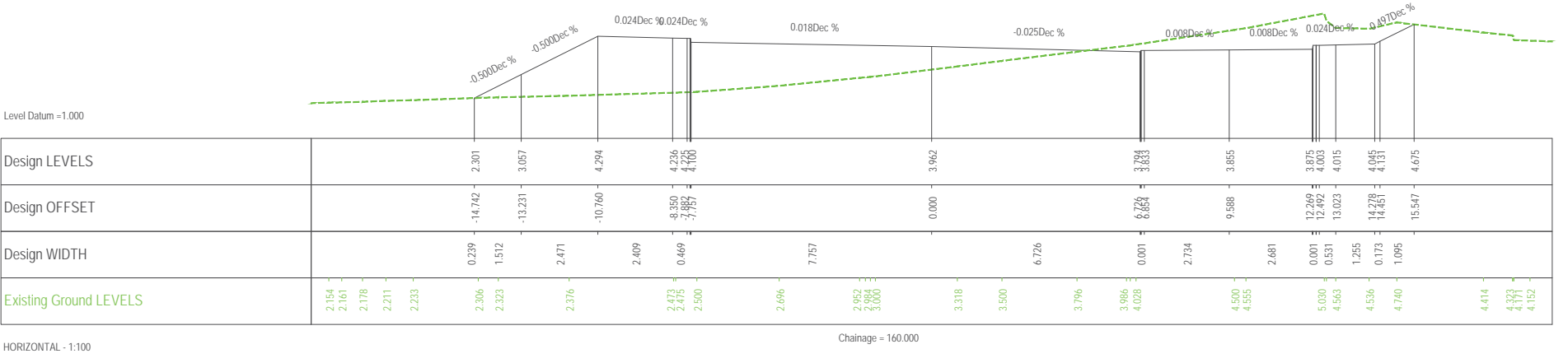




VERTICAL - 1:100



VERTICAL - 1:100

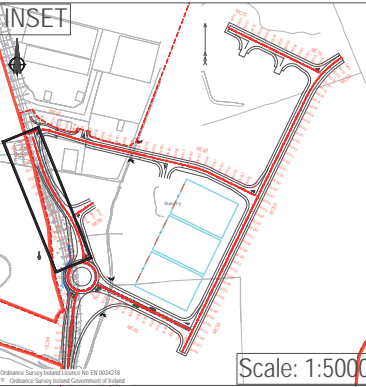


## NOTES

- Verifying Dimensions.  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
- Existing Services.  
Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.
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- Datum: Ordnance Datum Malin

Key	
Existing Layout	-----
Proposed Layout	-----
Proposed Layout	-----
Cross-Section Key	
Existing Layout	-----
Proposed Layout	-----



rev	amendments	drawn	date

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Client  
  
Shannon Foynes Port Company

Project  
  
Capacity Extension at  
Shannon Foynes

Title  
  
Proposed Cross Section (MC20)  
- Sheet 3 of 3

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number		Rev
H0548-RPS-XX-00-DR-HE-140-05		-

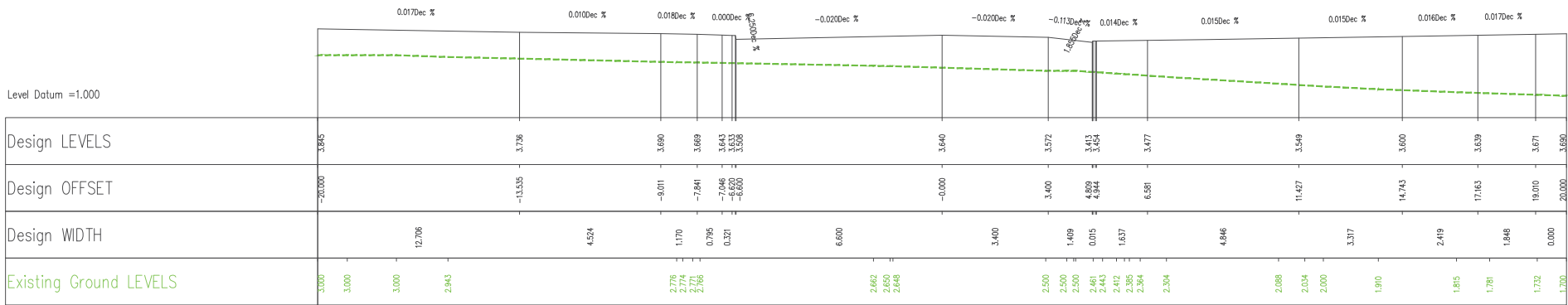
Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB



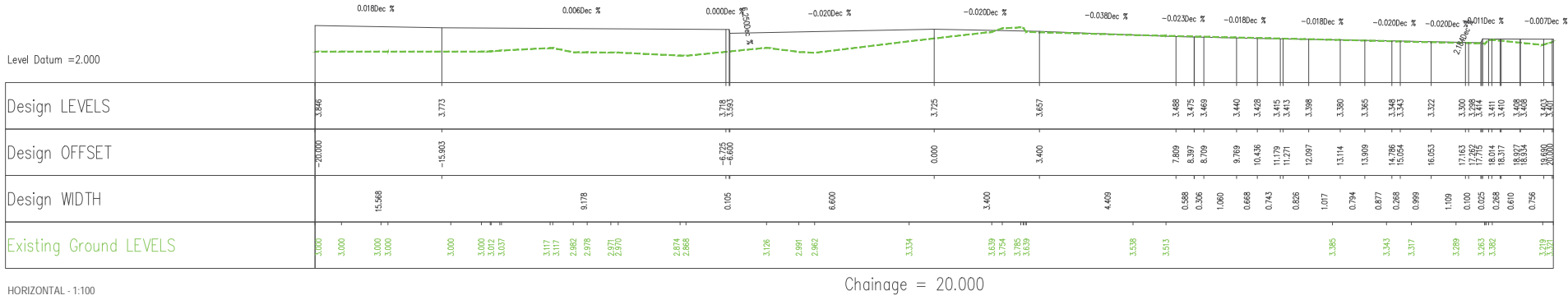




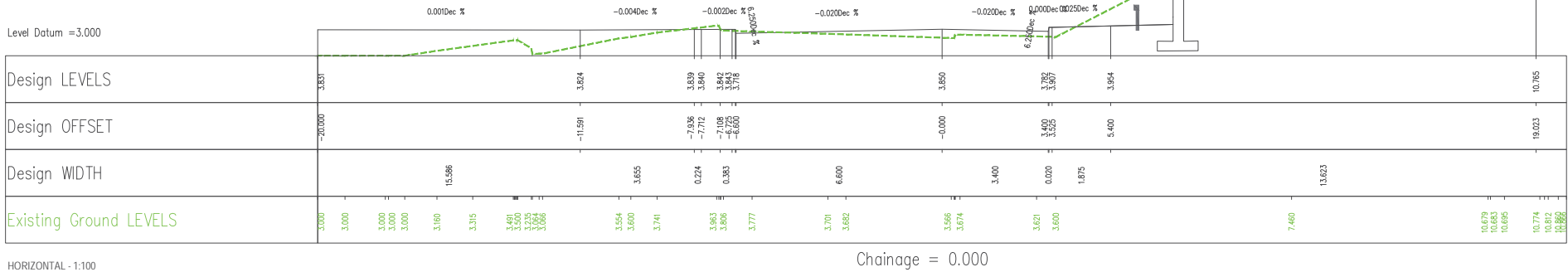
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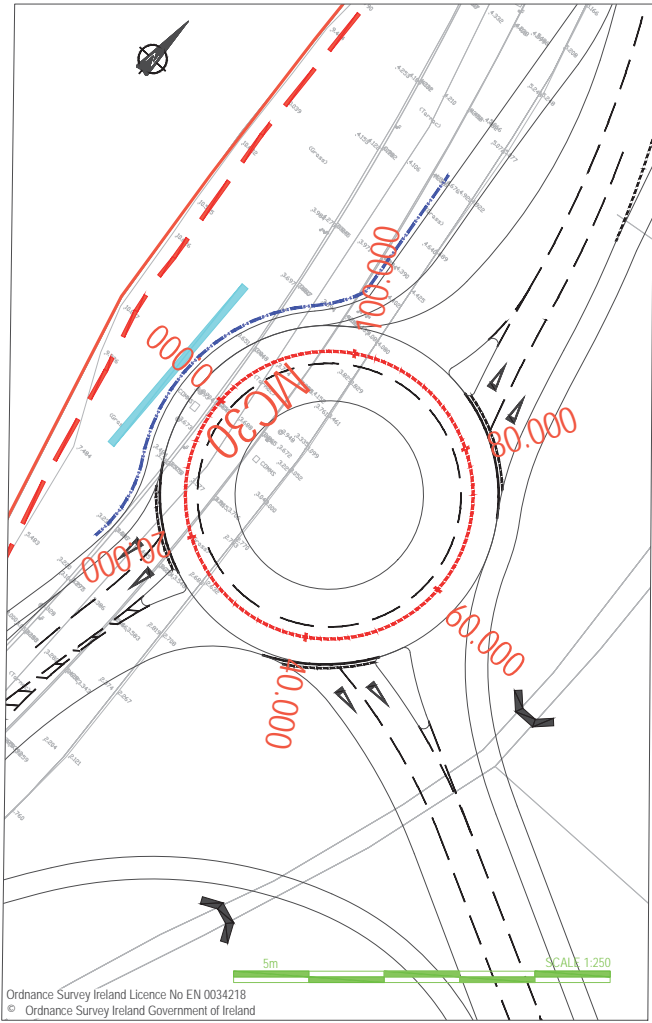
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VERTICAL - 1:100

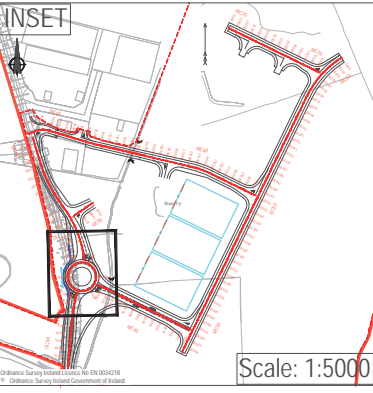
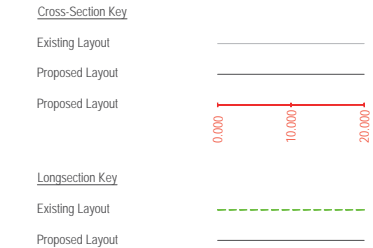


HORIZONTAL - 1:100



NOTES

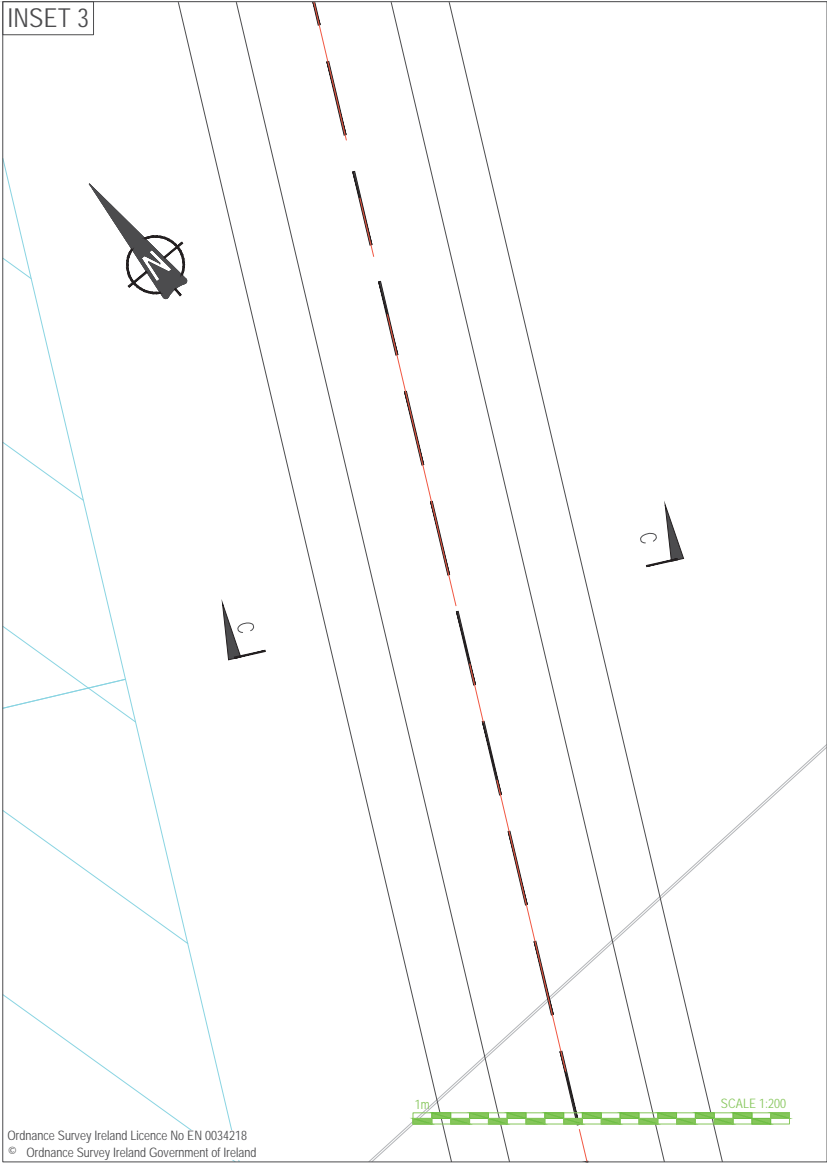
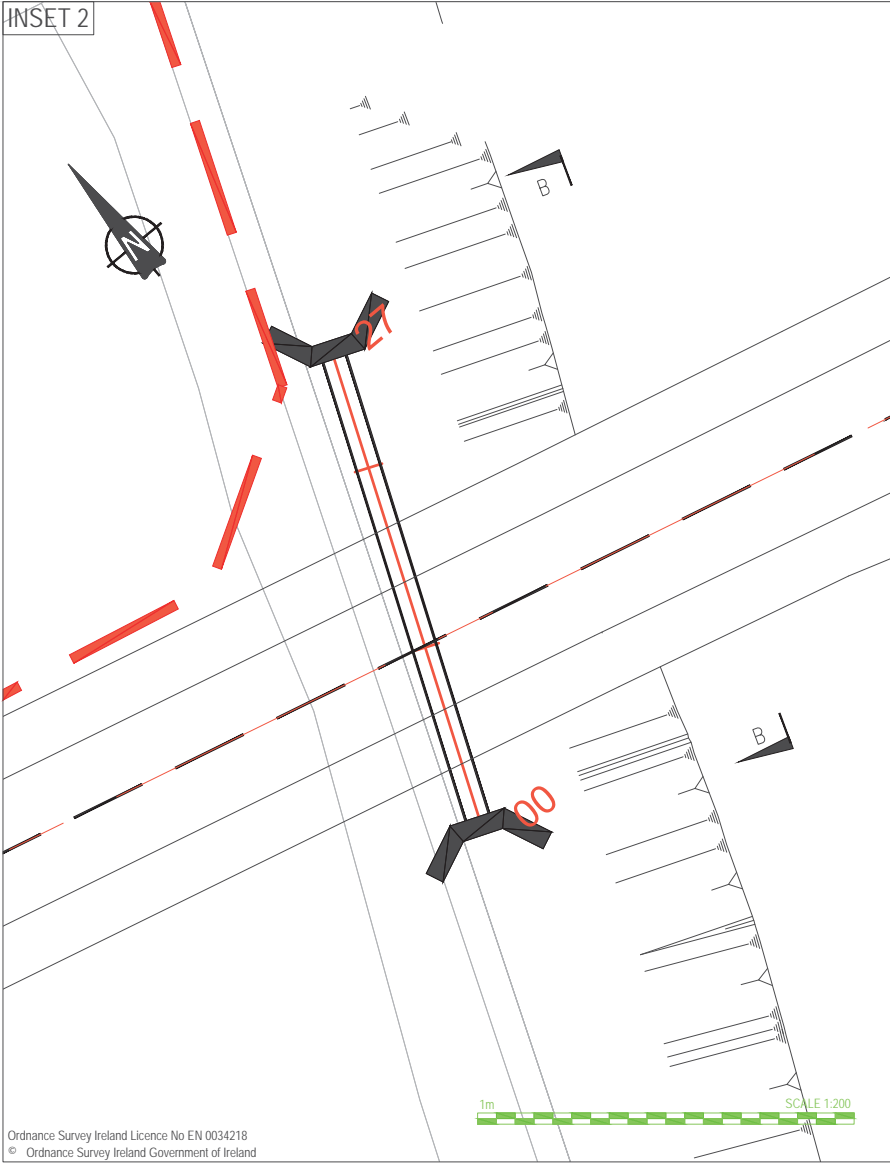
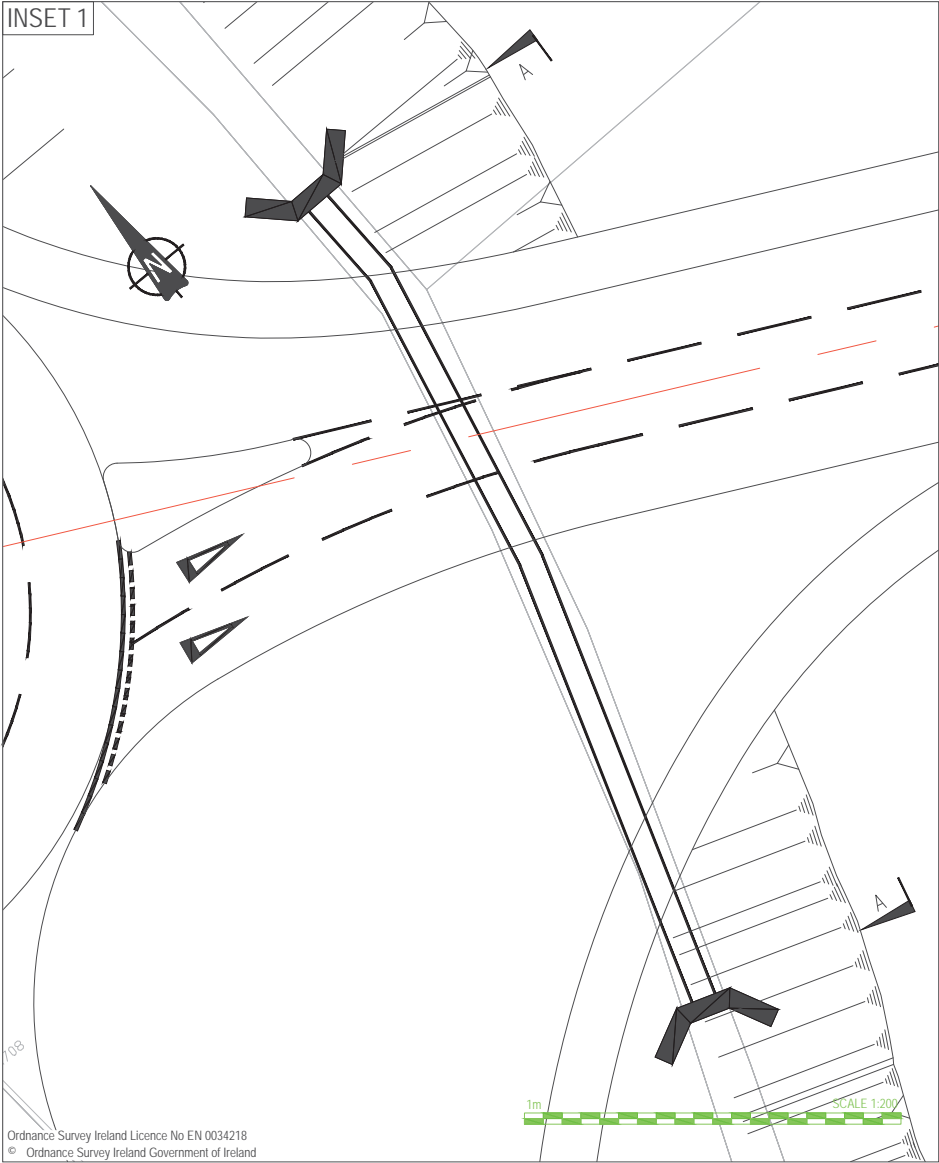
- Verifying Dimensions.  
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- Existing Services.  
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rev	amendments	drawn	date
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Cross Section (MC30) - Sheet 1 of 2			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number			Rev
H0548-RPS-XX-00-DR-HE-140-08			-
Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB





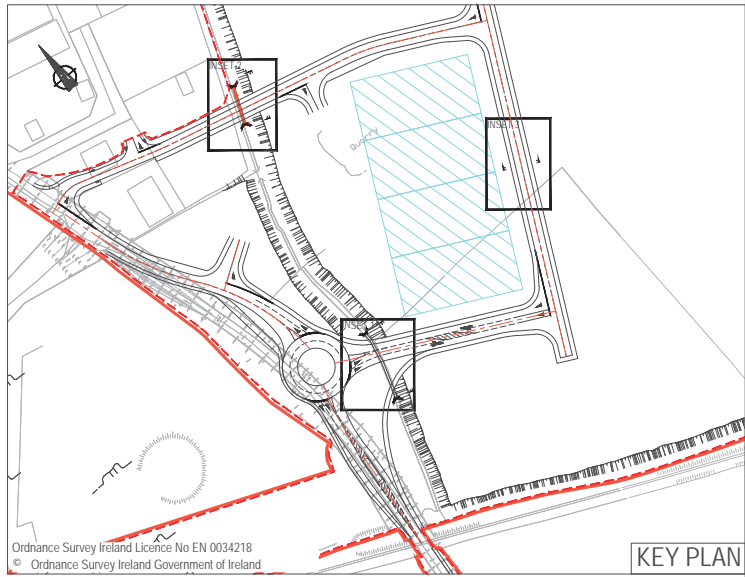
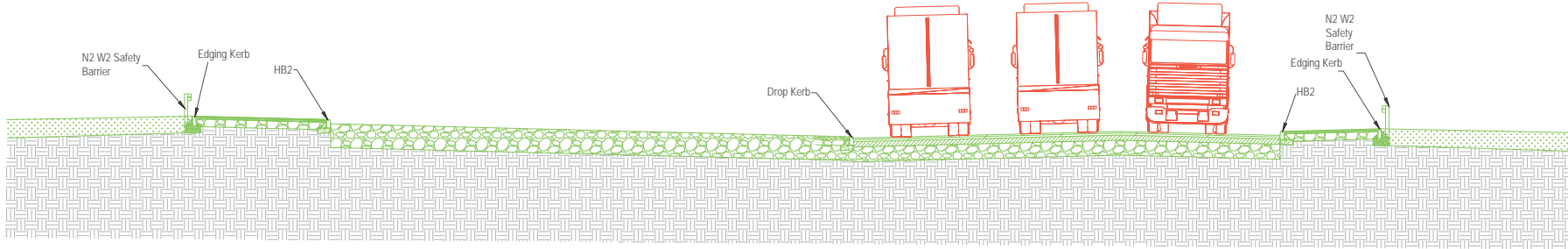


- NOTES
- Verifying Dimensions.  
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  - Existing Services.  
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  - Issue of Drawings.  
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  - Datum: Ordnance Datum Malin

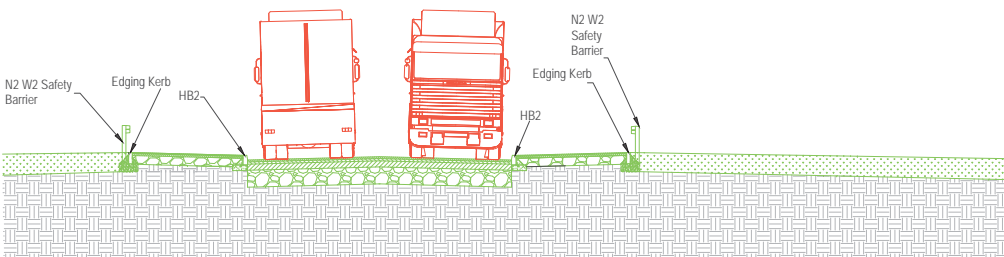
Key

Existing Layout	_____
Proposed Layout	_____
Proposed Culvert	_____
Proposed Headwall	_____

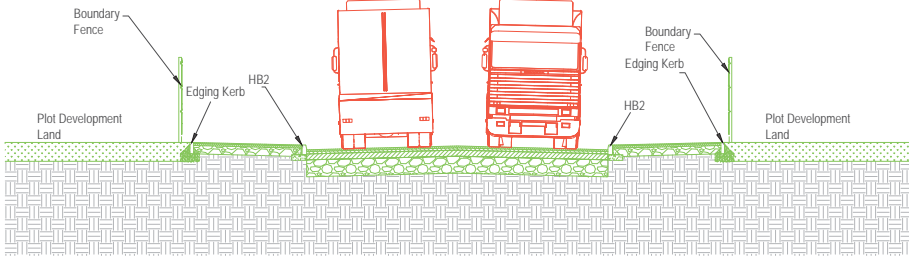
3.00m Combined Footway/Cycleway 15.88m Vehicle Overrun Area 12.00m Carriageway 3.00m Combined Footway/Cycleway



3.00m Combined Footway/Cycleway 7.00m Carriageway 3.00m Combined Footway/Cycleway



3.00m Combined Footway/Cycleway 8.00m Carriageway 3.00m Combined Footway/Cycleway



rev	amendments	drawn	date
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Client  
**Shannon Foynes Port Company**

Project  
**Capacity Extension at Shannon Foynes**

Title  
**Typical Cross Sections**

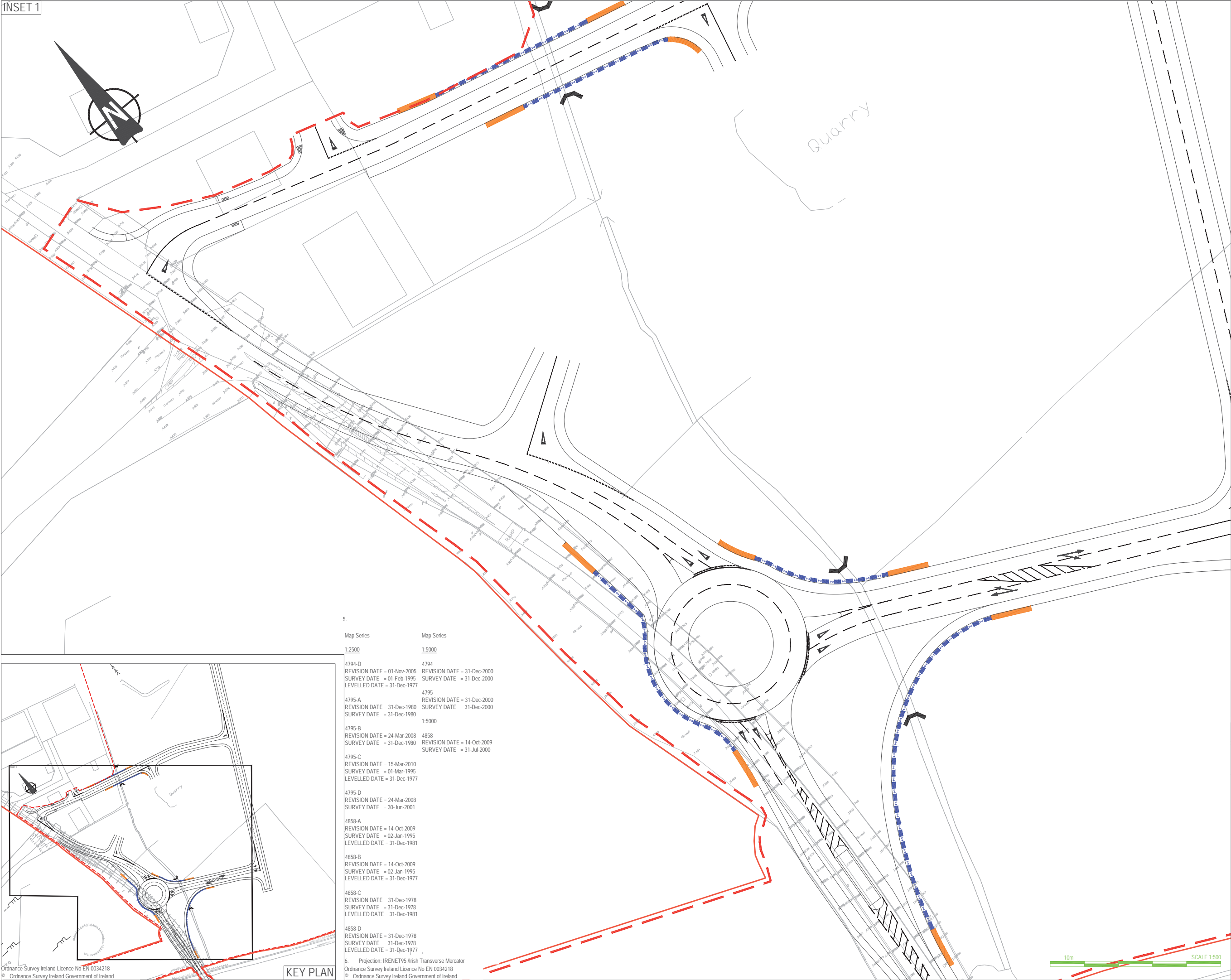
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number  
**H0548-RPS-XX-00-DR-HE-150-01**

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



INSET 1



NOTES

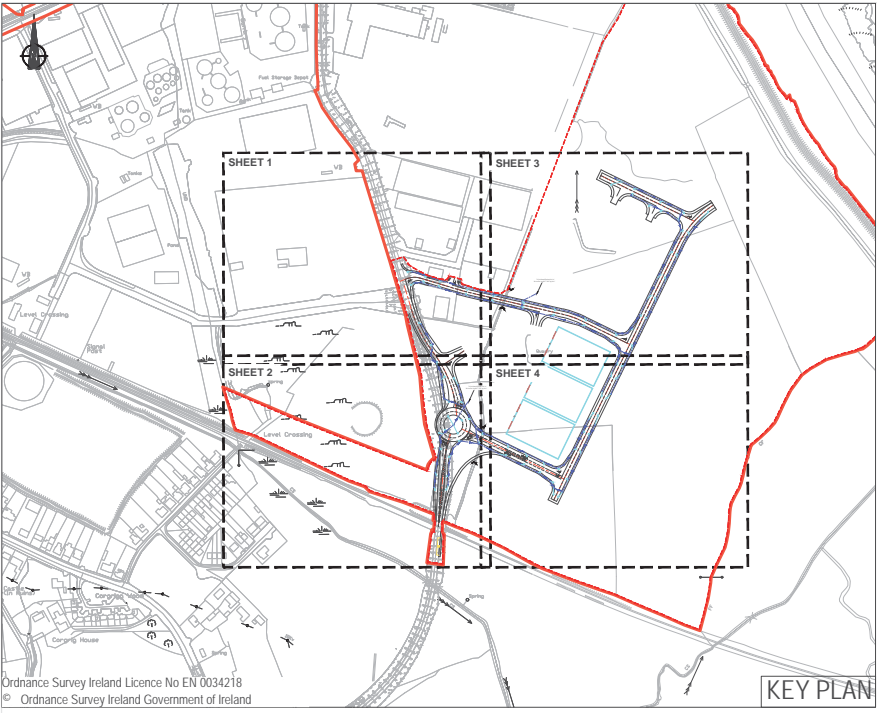
- Verifying Dimensions.  
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- Datum: Ordnance Datum Malin

Key	
Existing Layout	—
Proposed Layout	—
Proposed Retaining Wall	—
Proposed N2/W2 Safety Barrier	—
Proposed P4 Terminal End Barrier	—

rev	amendments	drawn	date
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Road Restraint Systems			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:500	
Drawing Number			Rev
H0548-RPS-XX-00-DR-HE-400-01			-
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	March 2018	JB







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KEY PLAN

Map Series

1:2500

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REVISION DATE = 01-Nov-2005  
SURVEY DATE = 01-Feb-1995  
LEVELLED DATE = 31-Dec-1977

4795-A  
REVISION DATE = 31-Dec-1980  
SURVEY DATE = 31-Dec-1980

4795-B  
REVISION DATE = 24-Mar-2008  
SURVEY DATE = 31-Dec-1980

4795-C  
REVISION DATE = 15-Mar-2010  
SURVEY DATE = 01-Mar-1995  
LEVELLED DATE = 31-Dec-1977

4795-D  
REVISION DATE = 24-Mar-2008  
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4858-A  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 02-Jan-1995  
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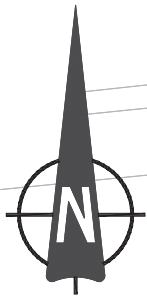
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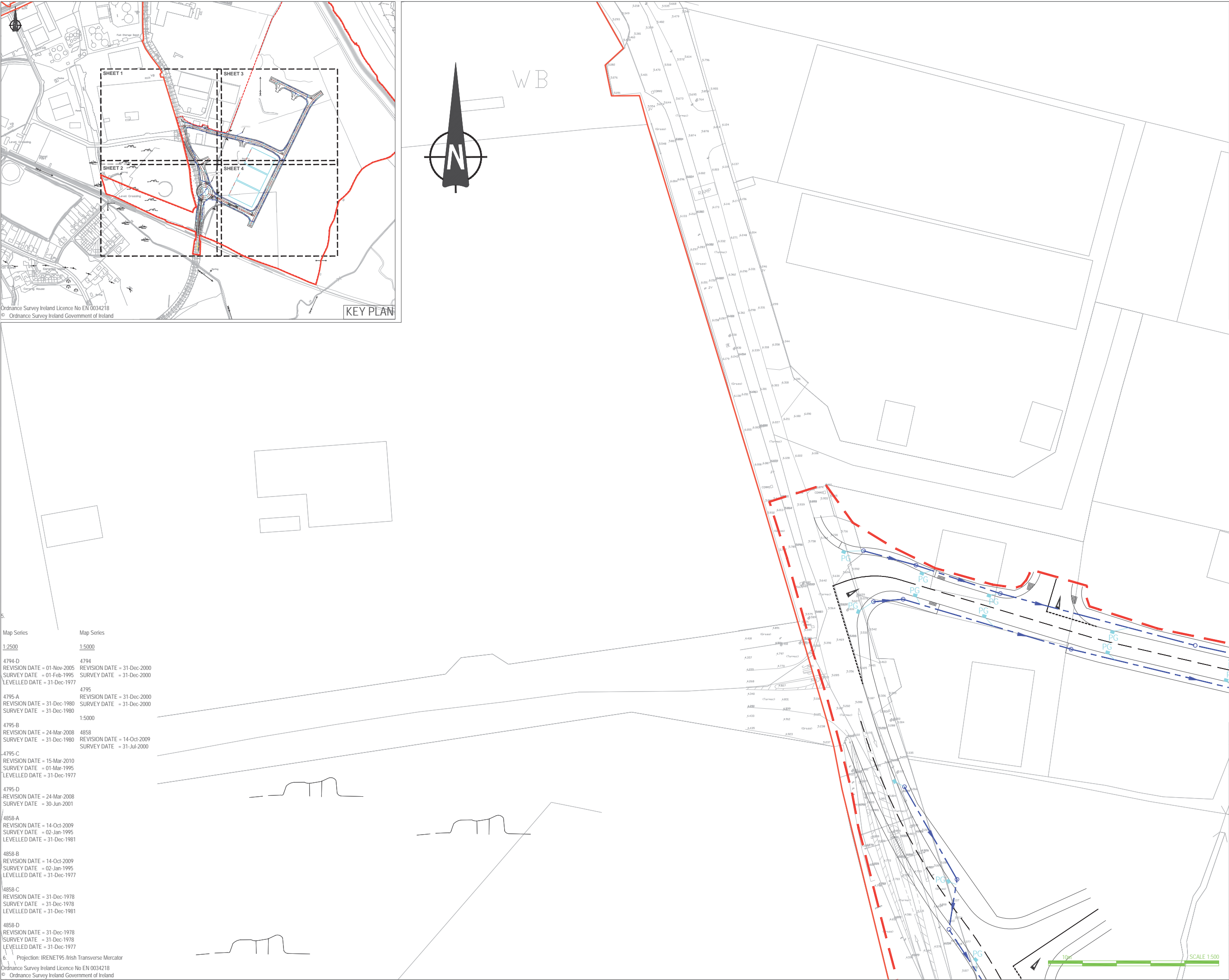
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Projection: IRENET95 / Irish Transverse Mercator

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WB



## NOTES

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- Datum: Ordnance Datum Malin

### Key

Existing Layout

Proposed Layout

Proposed Storm Drainage

Proposed Gully

PG

### DRAINAGE NOTES

- BEDDING AND SURROUND SHALL BE IN ACCORDANCE WITH SPEC CL 503, AS MCHW VOL. 3, DWG No. F1 & F2.
- GULLIES SHALL BE OF THE TRAPPED TYPE, PRECAST TO MCHW VOLUME 3, HIGHWAY CONSTRUCTION DETAILS, DWG NUMBER F13, WITH HEAVY DUTY DUCTILE IRON GRATING TO BS EN 124, CLASS C250. DOUBLE GULLIES SHALL BE PROVIDED AT SAG POINTS.
- PROPOSED ROAD DRAINAGE CHAMBERS SHALL BE MANHOLES AS MCHW VOL. 3, DWG No. F4, F5, F6 OR F7, WHERE THE INVERT OF THE OUTGOING PIPE IS GREATER THAN 20 DEEP MINIMUM CHAMBER RING DIAMETER AND MAXIMUM PIPE DIAMETER ALLOWANCES PER CHAMBER RING SHALL BE TO THE CHAMBER SUB-TYPE TABLE ON DWGS No. F4, F5, F6 AND F7.
- COVERS AND FRAMES TO ALL CATCHPIPS AND MANHOLE CHAMBERS SHALL BE HEAVY DUTY DUCTILE IRON TO BS EN 124, CLASS D 400.
- MANHOLES OR CATCHPIPS NOT IN PAVED AREAS, COVERS ARE TO BE SURROUNDED BY AN AREA OF 1.2m BY 1.2m CONCRETE.
- ABANDONED GULLIES: REMOVE EXISTING GRATING, CONNECTION TO BE CAPPED AND THE GULLY NOT FILLED WITH CONCRETE TO BASE COURSE LEVEL.
- ABANDONED EXISTING MANHOLES/CATCHPIPS: REMOVE EXISTING MANHOLE/CATCHPIPS COVER AND TOP 2 COURSES OF BRICKWORK. FILL WITH MASS CONCRETE TO BASE COURSE LEVEL.
- ANY ADDITIONAL CATCHPIPS DISCOVERED WITHIN PROPOSED AREAS OF NEW CARRIAGEWAY CONSTRUCTION SHALL BE REMOVED AS DESCRIBED ABOVE WITH A CONNECTION MADE TO NEW DRAIN SYSTEM PRIOR TO CAPPING.
- LAND FILTER DRAIN TO BE 150mm PERFORATED THERMOPLASTIC TYPE H BEDDING IN TRENCHES. CARRIAGEWAY CARRIER DRAIN, THERMOPLASTIC TO MCHW VOL. 3, CL 518, TYPE S BEDDING. CARRIAGEWAY CARRIER DRAIN PRECAST CONCRETE PIPE TO BS 5911, TYPE S BEDDING. CARRIAGEWAY FILTER DRAIN, THERMOPLASTIC TO MCHW VOL. 3, CL 518, TYPE I BEDDING. CARRIAGEWAY FILTER DRAIN PRECAST CONCRETE PIPE TO BS 5911, TYPE H BEDDING. ALTERNATIVE PIPE AND BEDDING COMBINATIONS ARE AS PER APPENDIX 5/1. ALL DRAINS TO BE TO THE STANDARDS AS STATED IN TABLE 5/1 OF THE MCHW VOL. 1, SERIES 500.
- ALL LAND FILTER DRAIN CHAMBERS SHALL BE CATCHPIPS AS PER MCHW VOL. 3, DWG No. F11. LAND FILTER DRAINS CONNECTING INTO MAIN ROAD DRAINAGE SYSTEM MUST PASS THROUGH A CATCHPIP WITH A MIN 300mm SLUMP PRIOR TO CONNECTING INTO THE MAIN ROAD DRAINAGE SYSTEM.
- CARRIAGEWAY FILTER DRAINS TO BE USED ALONG ALL VERGES. CARRIAGEWAY CARRIER DRAINS TO BE USED AT ROAD CROSSINGS. WHERE CARRIAGEWAY DRAINAGE BECOMES DEEPER THAN 2.5m, CARRIER PIPES SHOULD BE PROVIDED WITH A HIGHER LEVEL FILTER PIPE (150mm DIA). FILTER PIPE PROVIDED TO PICK UP GULLIES AND SURFACE DRAINAGE. THESE HIGHER LEVEL FILTER PIPES SHALL FOLLOW THE LONGITUDINAL PROFILE OF THE CARRIAGEWAY AT A GRADIENT OF NO LESS THAN 1:150 AND ARE TO DISCHARGE AT THE NEAREST MANHOLE.
- ALL PIPES UNDER THE CARRIAGEWAY LESS THAN 1.2m BELOW THE FINISHED ROAD LEVEL SHALL BE ENCASED IN CONCRETE OF MINIMUM THICKNESS OF 150mm AS PER MCHW VOL. 3, DWG F1, TYPE Z.

rev amendments drawn date

**RPS** Elmwood House  
74 Boucher Road  
Belfast  
BT12 6RZ  
T +44 (0) 28 90 667914  
F +44 (0) 28 90 668286  
W www.rpsgroup.com/ireland  
E ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project

Capacity Extension at  
Shannon Foynes

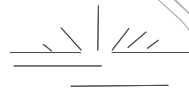
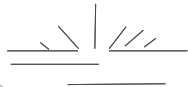
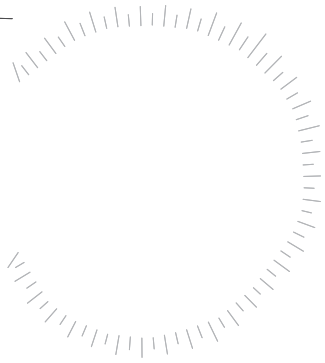
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Proposed Drainage Layout - Sheet 1 of 4

Drawing Status Sheet Size Drawing Scale  
Planning A1 1:500

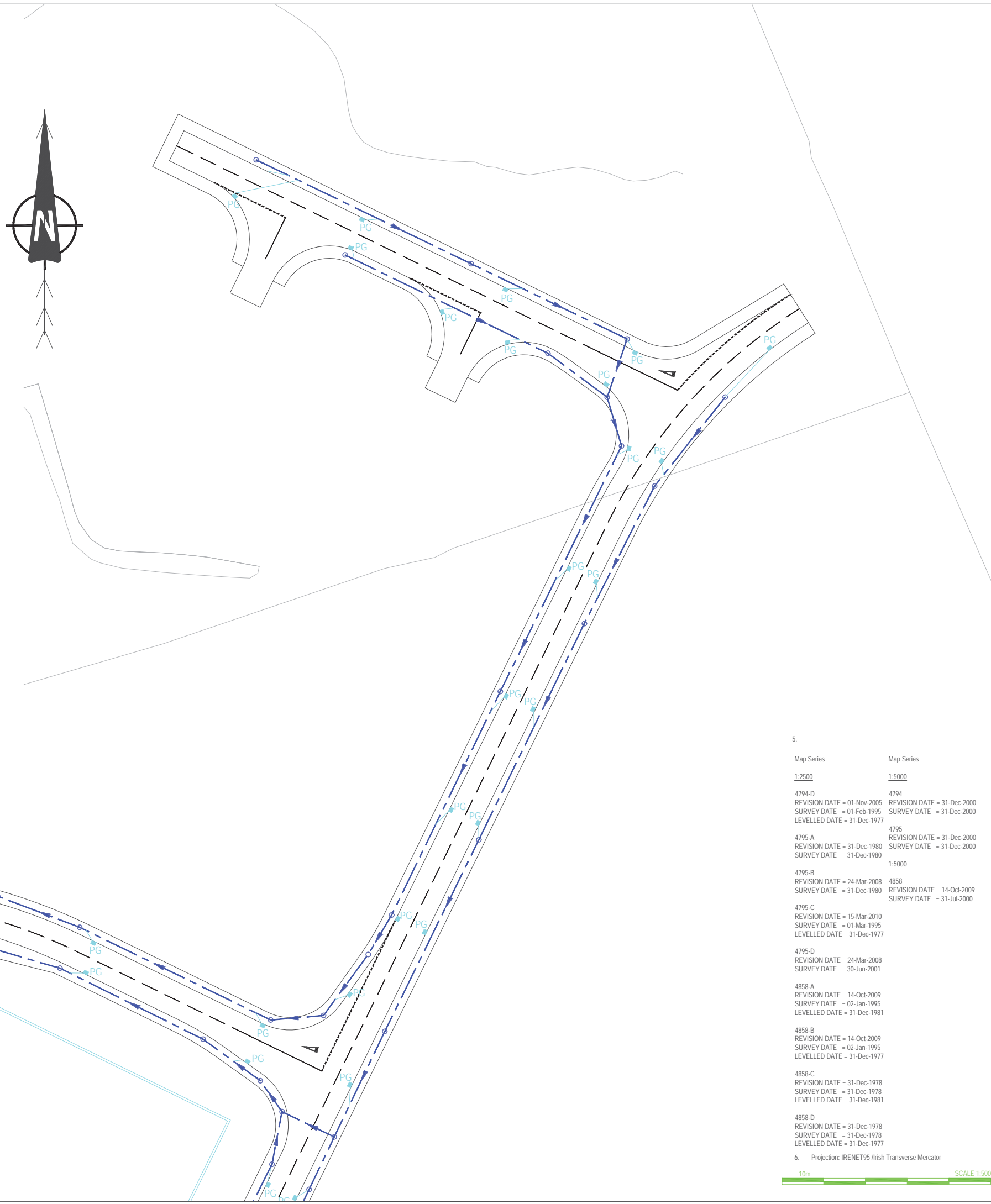
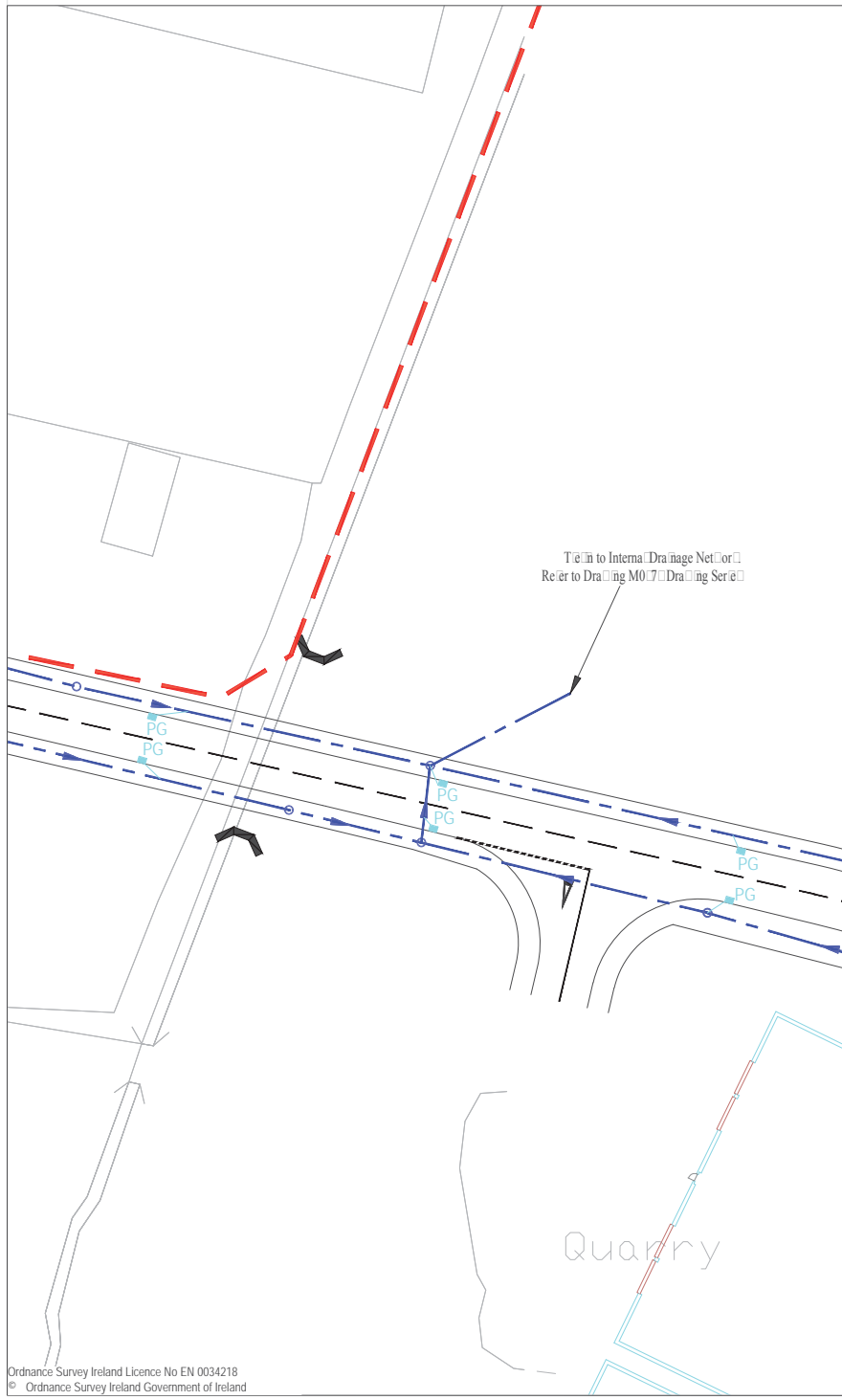
Drawing Number Rev  
H0548-RPS-XX-00-DR-HE-500-02


Project Leader Drawn By Date Initial Review  
BD MMCG March 2018 JB



Project Leader	Drawn By	Date	Initial Review
BD	MMcG	March 2018	JB





- Key
- Existing Layout
- Proposed Layout
- Proposed Storm Drainage
- Proposed Gully
- 

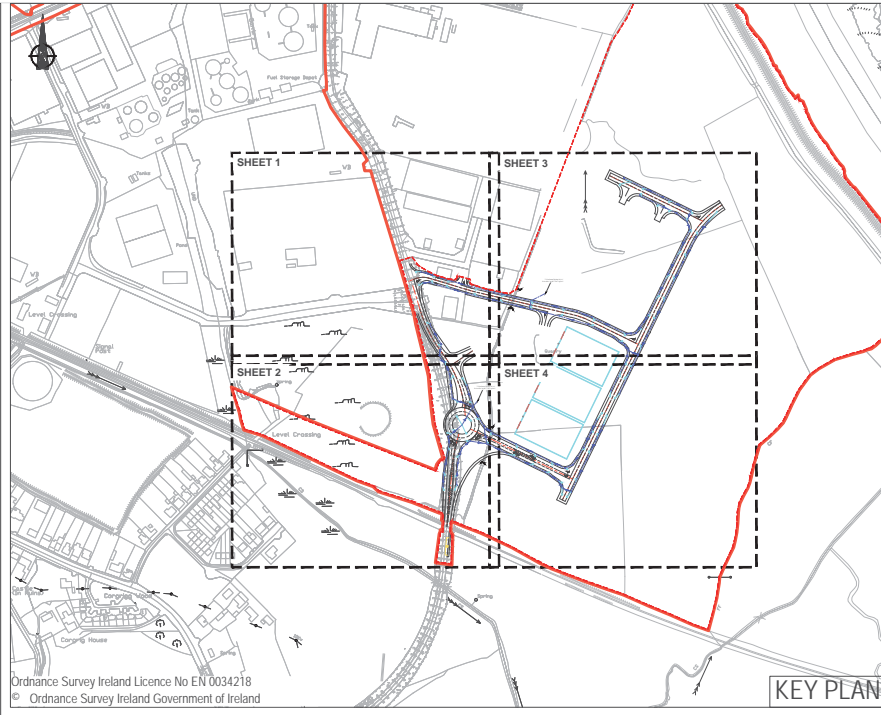
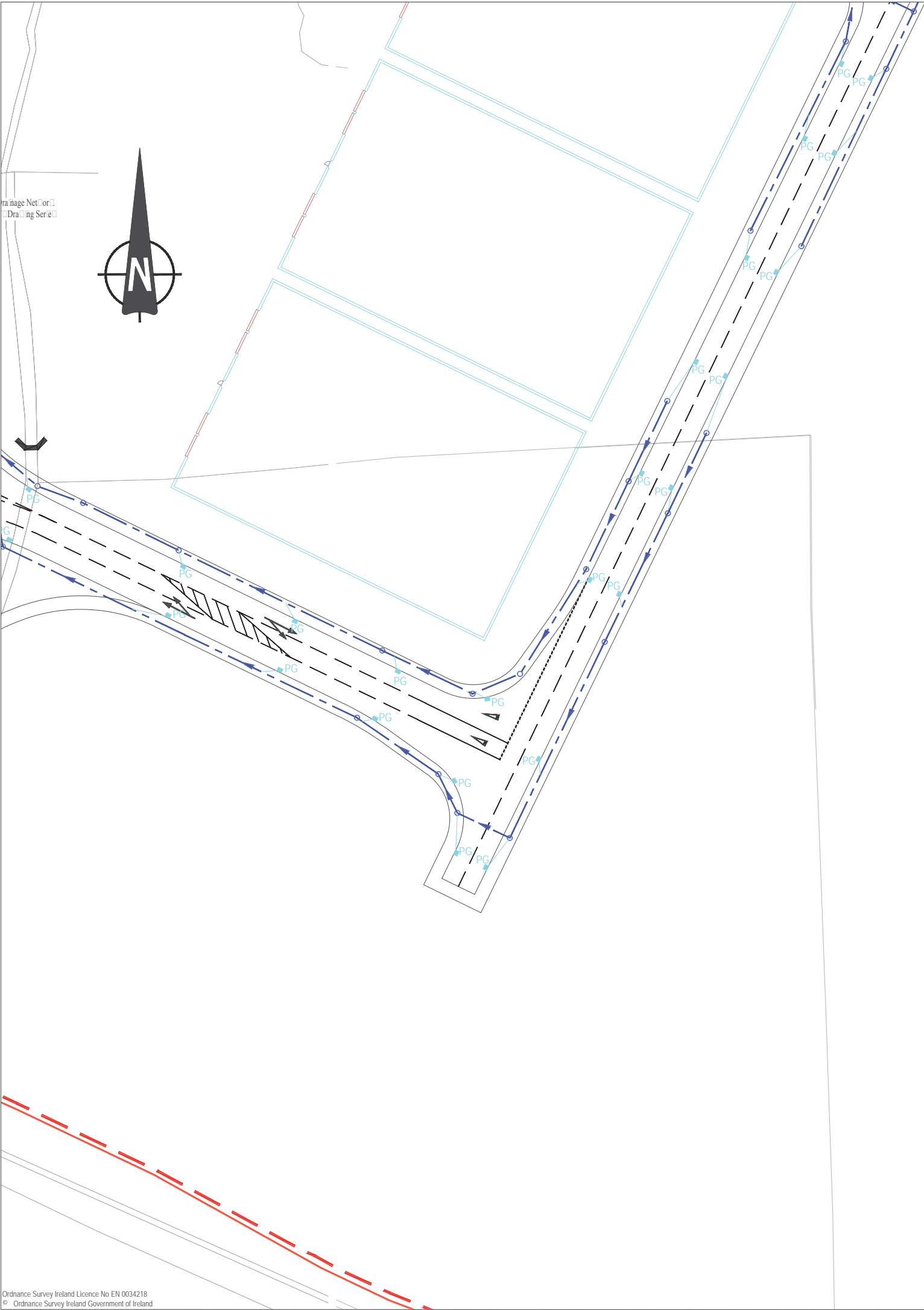
1. BEDDING AND SURROUND SHALL BE IN ACCORDANCE WITH SPEC. CL. 503, AS MCHM, VOL. 3, DWG. NO. F1.8.2.
2. GULLIES SHALL BE OF THE TRAPPED TYPE. PRECAST TO MCHM, VOLUME 1 HIGHWAY CONSTRUCTION DETAILS, DWG. NO. F1.11, WITH HEAVY DUTY DUCTILE IRON BODIES TO EN 124, CLASS C50 DOUBLE GULLIES SHALL BE PROVIDED AT SAG POINTS.
3. PROPOSED ROAD DRAINAGE CHAMBERS SHALL BE MANHOLE AS MCHM, VOL. 3, DWG. NO. F4, FS, OF F9, OR, WHERE THE INVERT OF THE OUTGOING PIPES IS GREATER THAN 2m DEEP, CONCRETE CAST IN PLACE CHAMBER AND INBOARD CHAMBER. ALL CHAMBERS SHALL BE TO CHAMBER RING SHALL BE TO THE CHAMBER SUB-TYPE TABLE ON DWG. NO. F4, FS AND F7.
4. COVERS AND FRAMES TO ALL CATCHPITS AND MANHOLE CHAMBERS SHALL BE HEAVY DUTY DUCTILE IRON TO EN 124, CLASS D 400.
5. MANHOLES OR CATCHPITS NOT IN PAVED AREAS, COVERS ARE TO BE SURROUNDED BY AN AREA OF 2m BY 1m CONC RETE.
6. ABANDONED GULLIES: REMOVE EXISTING GRATING, CONNECTION TO BE CAPPED AND THE GULLY POT FILLED WITH CONCRETE TO BASE COURSE LEVEL.
7. ABANDONED EXISTING MANHOLE/CATCHPITS: REMOVE EXISTING MANHOLE/CATCHPIT COVER AND TOP COURSE OF BRICKWORK. FILL WITH MASS CONCRETE TO BASE COURSE LEVEL.
8. ANY ADDITIONAL CATCHPITS DISCOVERED WITHIN PROPOSED AREAS OF NEW CARBIDEWAY CONSTRUCTION SHALL BE REMOVED AS DESCRIBED ABOVE WITH A CONNECTION MADE TO NEW DRAIN SYSTEM PRIOR TO CAPPING.
9. LAND FILTER DRAIN TO BE 150mm PERFORATED THERMOPLASTIC TYPE B BEDDING IN TRENCHES. CARBIDEWAY CARRIER DRAIN, THERMOPLASTIC TO MCHM VOL. 1, CL. 518, TYPE B BEDDING. CARBIDEWAY CARRIER DRAIN, THERMOPLASTIC TO MCHM VOL. 1, CL. 518, TYPE B BEDDING. CARBIDEWAY FILTER DRAIN, THERMOPLASTIC TO MCHM VOL. 1, CL. 518, TYPE B BEDDING. CARBIDEWAY FILTER DRAIN, PRECAST CONCRETE PIPE TO MCHM VOL. 1, TYPE B BEDDING. CARBIDEWAY PIPE AND BEDDING COMBINATIONS ARE AS PER APPENDIX 5.1. ALL DRAINS TO BE TO THE STANDARDS AS LISTED IN TABLE 5.1 OF THE OSDH, VOL. 1, SERIES 500.
10. ALL LAND FILTER DRAIN CHAMBERS SHALL BE CATCHPITS AS PER MCHM, VOL. 3, DWG. NO. F11. LAND FILTER DRAINS CONNECTING TO MAIN ROAD DRAINAGE SYSTEM MUST PASS THROUGH A CATCHPIT WITH A MIN 300mm SLUMP PIPE TO CONNECTING INTO THE MAIN ROAD DRAINAGE SYSTEM.
11. CARBIDEWAY FILTER DRAINS TO BE USED AT ALL VERGES. CARBIDEWAY CARRIER DRAINS TO BE USED AT ROAD CROSSINGS. WHERE CARBIDEWAY DRAINAGE BECOMES DEEPER THAN 2.5m, CARRIER PIPES SHOULD BE PROVIDED WITH A HIGHER LEVEL FILTER PIPE (150mm DIA). FILTER PIPES PROVIDED TO PICK UP GULLIES AND SUBSURFACE DRAINAGE. THESE HIGHER LEVEL FILTER PIPES SHALL FOLLOW THE LONGITUDINAL PROFILE OF THE CARBIDEWAY AT A GRADIENT OF NO LESS THAN 1:150 AND ARE TO BE FINISHED AT THE NEAREST MANHOLE.
12. ALL PIPES UNDER THE CARBIDEWAY LESS THAN 1.5m BELOW THE FINISHED ROAD LEVEL SHALL BE ENCASED IN CONCRETE OF MINIMUM THICKNESS OF 150mm AS PER MCHM, VOL. 3, DWG. F1, TYPE 2.

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Title			
Proposed Drainage Layout - □ of 4			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:500	
Drawing Number		Rev	-
H0548-RPS-XX-00-DR-HE-500-04			
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	March 2018	JB

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	March 2018	JB



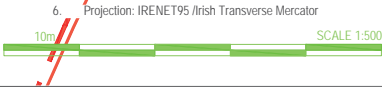
## NOTES


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- Existing Services.  
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4. Datum: Ordnance Datum Malin	
Key	
Existing Layout	_____
Proposed Layout	_____
Proposed Storm Drainage	_____
Proposed Gully	PG

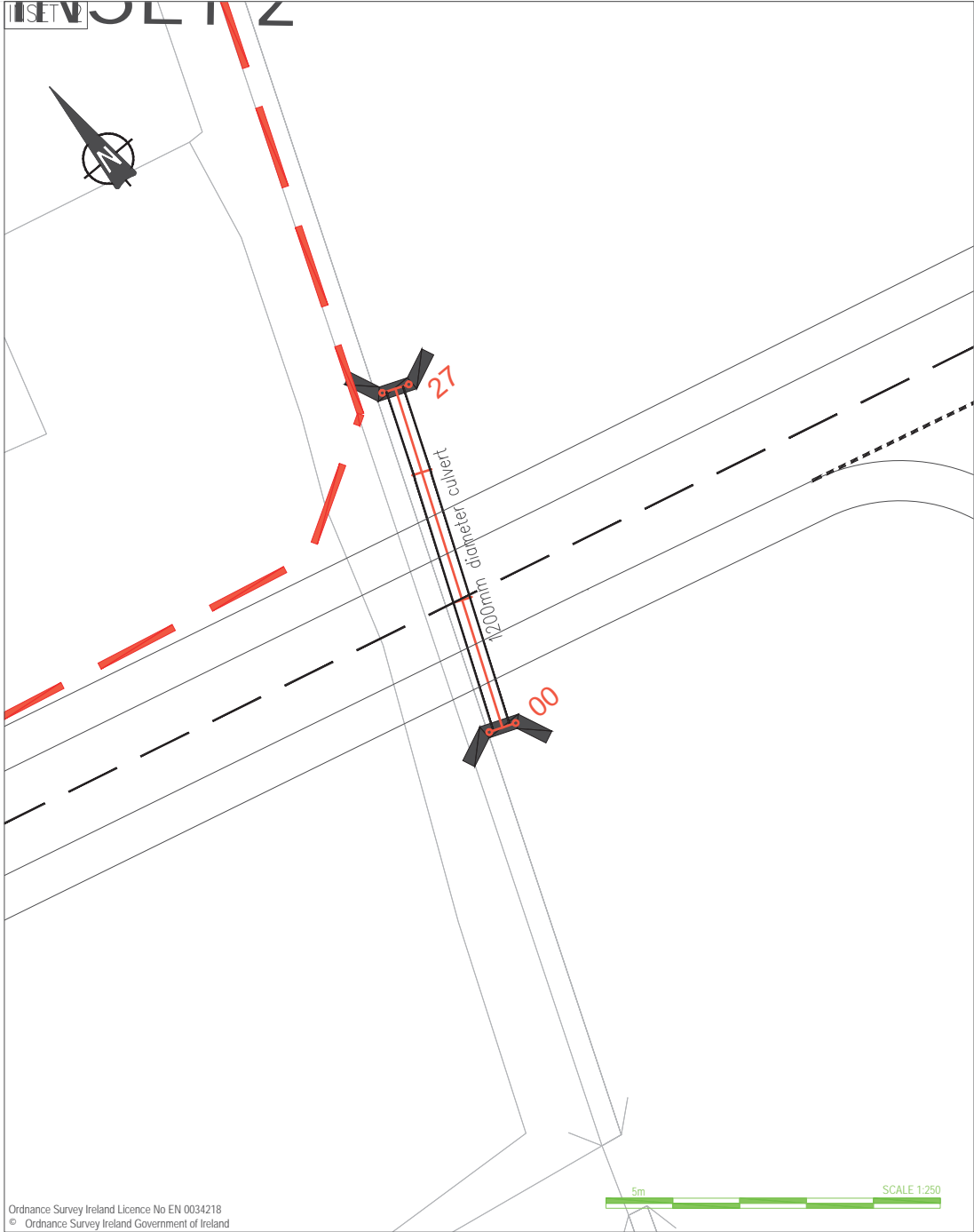
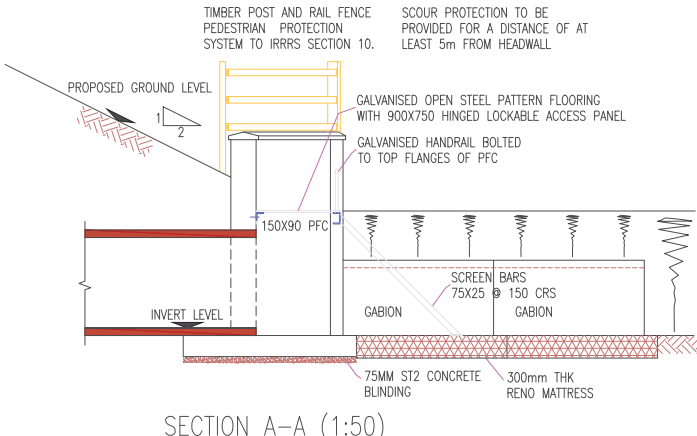
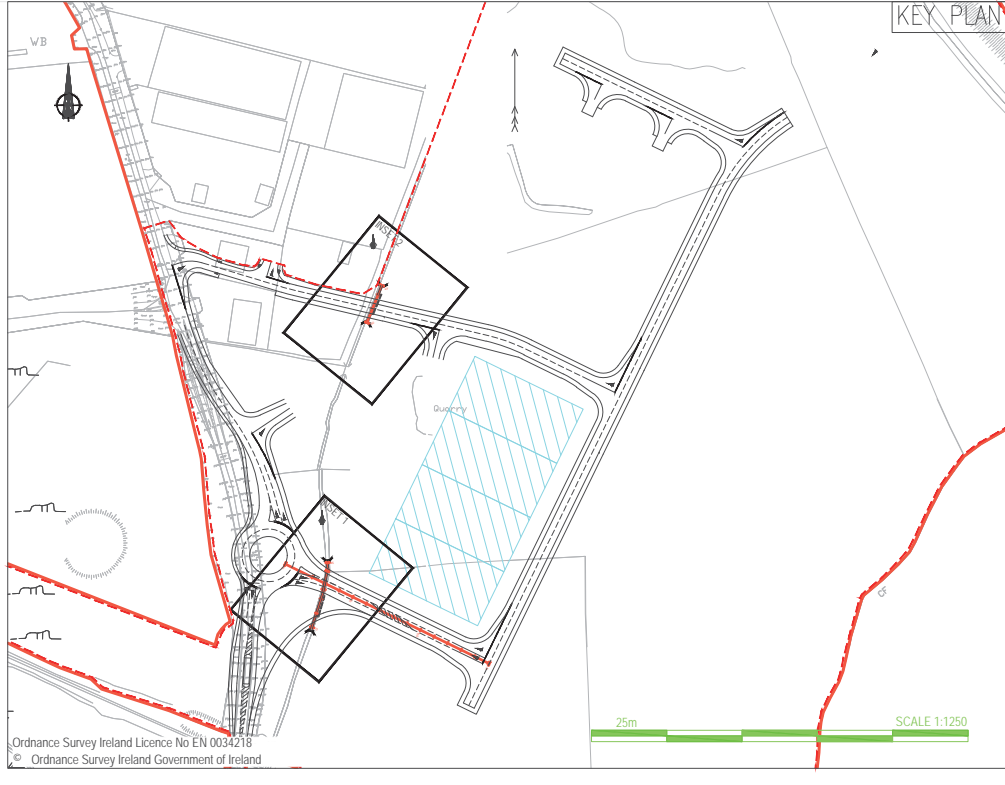
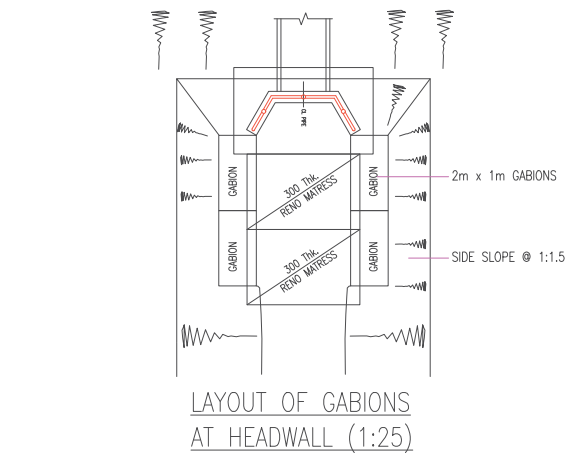
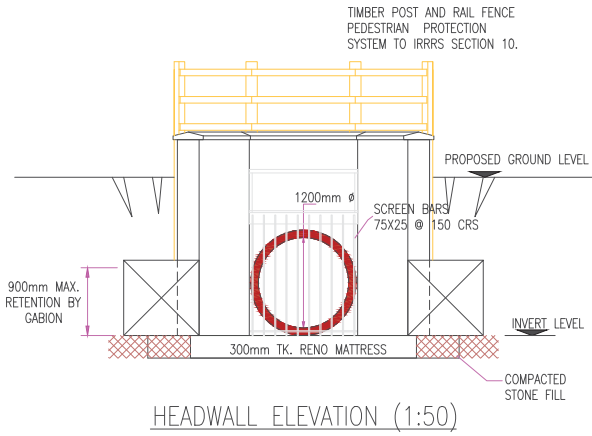
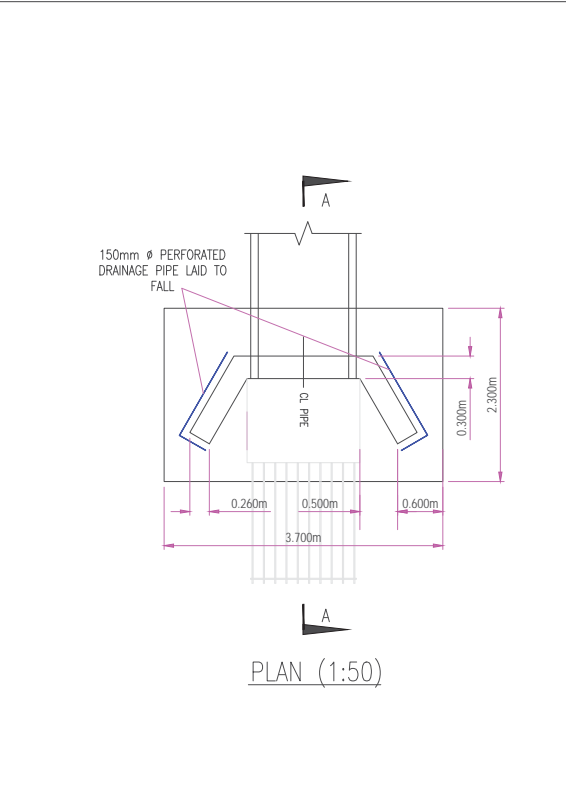
1. BEDDING AND SURROUND SHALL BE IN ACCORDANCE WITH SPEC CL 503, AS MCHW, VOL. 3, DWG No. F1 & F2.
2. GULLIES SHALL BE OF THE TRAPPED TYPE, PRECAST TO MCHW, VOLUME 3, HIGHWAY CONSTRUCTION DETAILS, DWG NUMBER F13, WITH HEAVY DUTY DUCTILE IRON GRATING TO BS EN 124, CLASS C250. DOUBLE GULLIES SHALL BE PROVIDED AT SAG POINTS.
3. PROPOSED ROAD DRAINAGE CHAMBERS SHALL BE MANHOLES AS MCHW, VOL. 3, DWG No. F4, F5, F6 OR F7, WHERE THE INVERT OF THE OUTGOING PIPE IS GREATER THAN 20 DEEP. MINIMUM CHAMBER RING DIAMETER AND MAXIMUM PIPE DIAMETER ALLOWANCES PER CHAMBER RING SHALL BE TO THE CHAMBER SUB-TYPE TABLE ON DWGS No. F4, F5, F6 AND F7.
4. COVERS AND FRAMES TO ALL CATCHPIT AND MANHOLE CHAMBERS SHALL BE HEAVY DUTY DUCTILE IRON TO BS EN 124, CLASS D 400.
5. MANHOLES OR CATCHPITS NOT IN PAVED AREAS, COVERS ARE TO BE SURROUNDED BY AN AREA OF 1.2m BY 1.2m CONCRETE.
6. ABANDONED GULLIES: REMOVE EXISTING GRATING, CONNECTION TO BE CAPPED AND THE GULLY NOT FILLED WITH CONCRETE TO BASE COURSE LEVEL.
7. ABANDONED EXISTING MANHOLES/CATCHPITS: REMOVE EXISTING MANHOLE/CATCHPIT COVER AND TOP 2 COURSES OF BRICKWORK. FILL WITH MASS CONCRETE TO BASE COURSE LEVEL.
8. ANY ADDITIONAL CATCHPIT'S DISCOVERED WITHIN PROPOSED AREAS OF NEW CARRIAGEWAY CONSTRUCTION SHALL BE REMOVED AS DESCRIBED ABOVE WITH A CONNECTION MADE TO NEW DRAIN SYSTEM PRIOR TO CAPPING.
9. LAND FILTER DRAIN TO BE 150mm PERFORATED THERMOPLASTIC, TYPE H BEDDING IN TRENCHES, CARRIAGEWAY CARRIER DRAIN, THERMOPLASTIC TO MCHW VOL. 1, CL 518, TYPE S BEDDING, CARRIAGEWAY CARRIER DRAIN PRECAST CONCRETE PIPE TO BS 5911, TYPE B BEDDING, CARRIAGEWAY FILTER DRAIN, THERMOPLASTIC TO MCHW VOL. 1, CL 518, TYPE I BEDDING, CARRIAGEWAY FILTER DRAIN PRECAST CONCRETE PIPE TO BS 5911, TYPE H BEDDING, ALTERNATIVE PIPE AND BEDDING COMBINATIONS ARE AS PER APPENDIX 5/1. ALL DRAINS TO BE TO THE STANDARDS AS STATED IN TABLE 5/1 OF THE MCHW, VOL. 1, SERIES 500.
10. ALL LAND FILTER DRAIN CHAMBERS SHALL BE CATCHPITS AS PER MCHW, VOL. 3, DWG No. F11. LAND FILTER DRAINS CONNECTING INTO MAIN ROAD DRAINAGE SYSTEM MUST PASS THROUGH A CATCHPIT WITH A MIN 300mm SLUMP PRIOR TO CONNECTING INTO THE MAIN ROAD DRAINAGE SYSTEM.
11. CARRIAGEWAY FILTER DRAINS TO BE USED ALONG ALL VERGES, CARRIAGEWAY CARRIER DRAINS TO BE USED AT ROAD CROSSINGS, WHERE CARRIAGEWAY DRAINAGE BECOMES DEEPER THAN 2.5m, CARRIER PIPES SHOULD BE PROVIDED WITH A HIGHER LEVEL FILTER PIPE (150mm DIA) FILTER PIPE PROVIDED TO PICK UP GULLIES AND SUBSURFACE DRAINAGE. THESE HIGHER LEVEL FILTER PIPES SHALL FOLLOW THE LONGITUDINAL PROFILE OF THE CARRIAGEWAY AT A GRADIENT OF NO LESS THAN 1:150 AND ARE TO DISCHARGE AT THE NEAREST MANHOLE.
12. ALL PIPES UNDER THE CARRIAGEWAY LESS THEN 1.2m BELOW THE FINISHED ROAD LEVEL SHALL BE ENCASED IN CONCRETE OF MINIMUM THICKNESS OF 150mm AS PER MCHW, VOL. 3, DWG F1, TYPE Z.

5.	
Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	1:5000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6.	Projection: IRENET95 Irish Transverse Mercator



rev	amendments	drawn	date
<div><div>Elmwood House 74 Boucher Road Belfast BT12 6RZ</div><div>T +44 (0) 28 90 667914 F +44 (0) 28 90 668286 W <a href="http://www.rpsgroup.com/ireland">www.rpsgroup.com/ireland</a> E <a href="mailto:ireland@rpsgroup.com">ireland@rpsgroup.com</a></div></div>			
Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Drainage Layout - 4 of 4			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:500	
Drawing Number		Rev	-
H0548-RPS-XX-00-DR-HE-500-05			
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	March 2018	JB





NOTES

1. Verifying Dimensions.  
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2. Existing Services.  
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4. Datum: Ordnance Datum Malin

KEY:

Existing Layout

Proposed Layout

Proposed Culvert

Proposed Headwall

NOTES:

1. ALL CONCRETE SURFACES TO BE CLASS F1/U1 FINISH UNLESS OTHERWISE SPECIFIED.

2. CONCRETE STRUCTURES SHALL BE WATERPROOFED BELOW GROUND USING TWO COATS OF WATERPROOF PAINT TO SERIES 2000 OF THE SHW.

3. ALL EXPOSED EDGES MUST HAVE A 25mm x 25mm CHAMFER

4. ALL PIPES SHALL BE 1200mm I/D SPIGOT AND SOCKET PIPES COMPLYING WITH BS 5911-1:2002 AND BS EN 1916:2002. STRENGTH CLASS 120.

5. EXCAVATION, BEDDING, LAYING AND BACKFILLING OF PIPES TO BE IN ACCORDANCE WITH SHW CLAUSE 2506. PIPE BEDDING TO BE TYPE S.

6. GABIONS AND RENO MATTRESSES BY MACCAFERRI, OR SIMILAR APPROVED. PRODUCTS MUST BE COVERED BY A CURRENT BBA CERTIFICATE AND INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. MAXIMUM ALLOWABLE RETENTION BY GABIONS TO BE 900mm.

7. MINIMUM FREEBOARD OF 300MM ABOVE Q100 DESIGN FLOW TO BE PROVIDED IN CULVERTS <1500mm DIA. MINIMUM FREEBOARD OF 600mm ABOVE Q100 DESIGN FLOW TO BE PROVIDED IN CULVERTS >1500mm DIA.

8. CULVERT INVERTS TO BE SET AT A MINIMUM LEVEL OF 150mm BELOW THE BED OF THE CHANNEL.

9. MAMMAL LEDGES IN SPECIFIED CULVERTS SHALL BE SET AT A MINIMUM LEVEL OF 250mm ABOVE Q10 DESIGN FLOW. THEY SHALL BE A MINIMUM WIDTH OF 500mm AND SHALL HAVE A MINIMUM HEADROOM OF 400mm

rev

amendments

drawn

date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Culvert Detail - Secondary Access - Sheet 2 of 2

Drawing Status

Sheet Size

Drawing Scale

Planning

A1

As Shown

Drawing Number

Rev

H0548-RPS-XX-00-DR-HE-510-02

-

Project Leader

Drawn By

Date

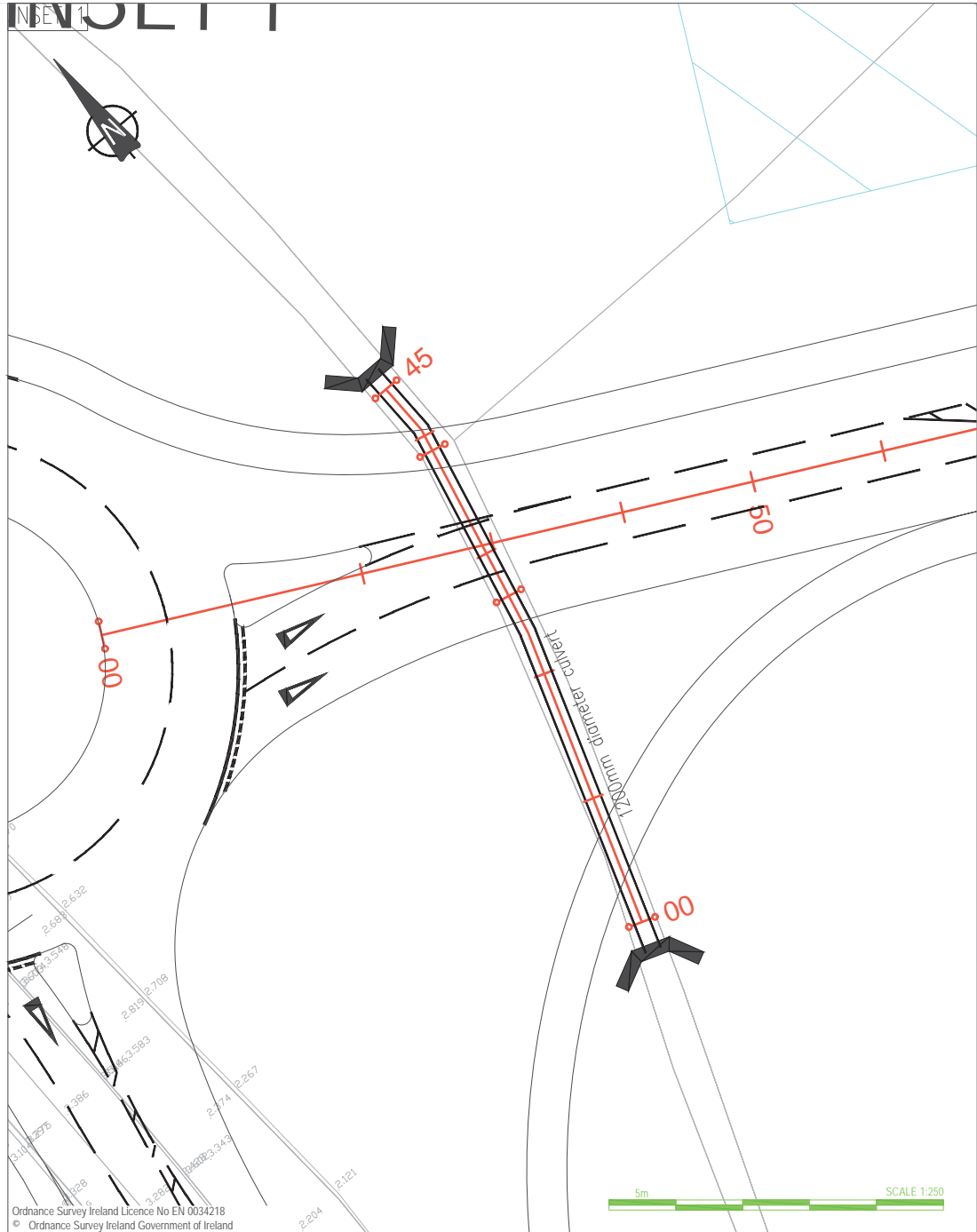
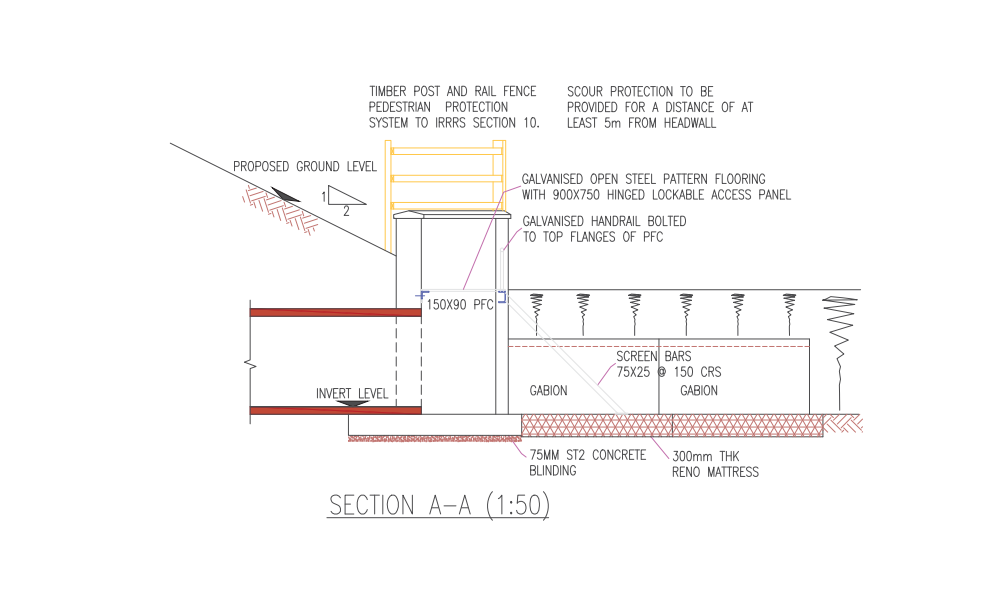
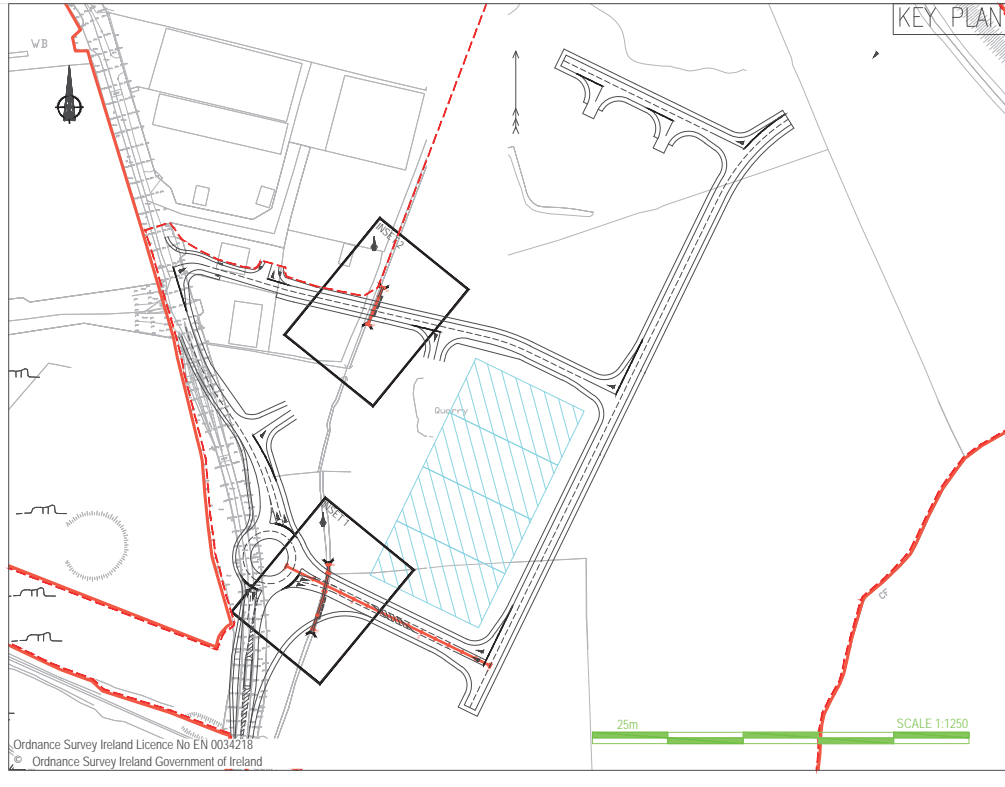
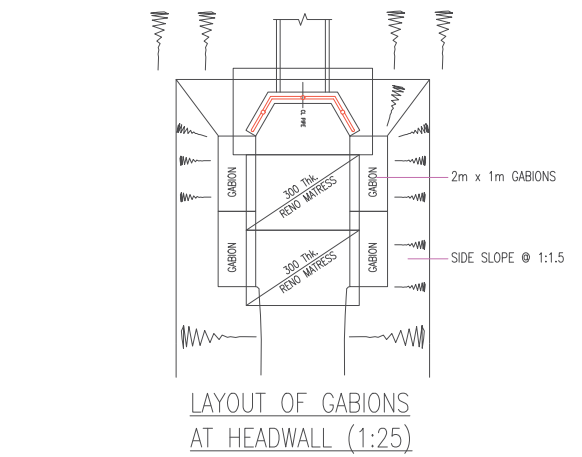
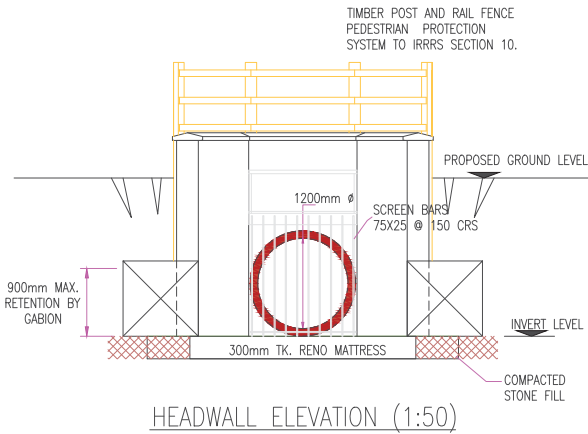
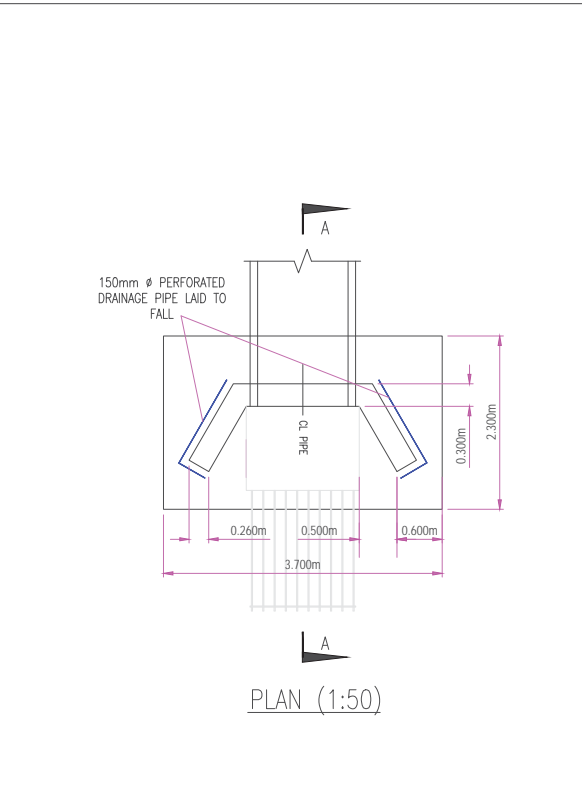
Initial Review

BD

KC

March 2018

JB



NOTES

1. Verifying Dimensions.  
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2. Existing Services.  
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4. Datum: Ordnance Datum Malin

KEY:

Existing Layout

Proposed Layout

Proposed Culvert

Proposed Headwall

NOTES:

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2. CONCRETE STRUCTURES SHALL BE WATERPROOFED BELOW GROUND USING TWO COATS OF WATERPROOF PAINT TO SERIES 2000 OF THE SHW.

3. ALL EXPOSED EDGES MUST HAVE A 25mm x 25mm CHAMFER

4. ALL PIPES SHALL BE 1200mm I/D SPIGOT AND SOCKET PIPES COMPLYING WITH BS 5911-1:2002 AND BS EN 1916:2002. STRENGTH CLASS 120.

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8. CULVERT INVERTS TO BE SET AT A MINIMUM LEVEL OF 150mm BELOW THE BED OF THE CHANNEL.

9. MAMMAL LEDGES IN SPECIFIED CULVERTS SHALL BE SET AT A MINIMUM LEVEL OF 250mm ABOVE Q10 DESIGN FLOW. THEY SHALL BE A MINIMUM WIDTH OF 500mm AND SHALL HAVE A MINIMUM HEADROOM OF 400mm

rev

amendments

drawn

date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Culvert Detail - Roundabout Access - Sheet 1 of 2

Drawing Status

Sheet Size

Drawing Scale

Planning

A1

As Shown

Drawing Number

Rev

H0548-RPS-XX-00-DR-HE-510-01

-

Project Leader

Drawn By

Date

Initial Review

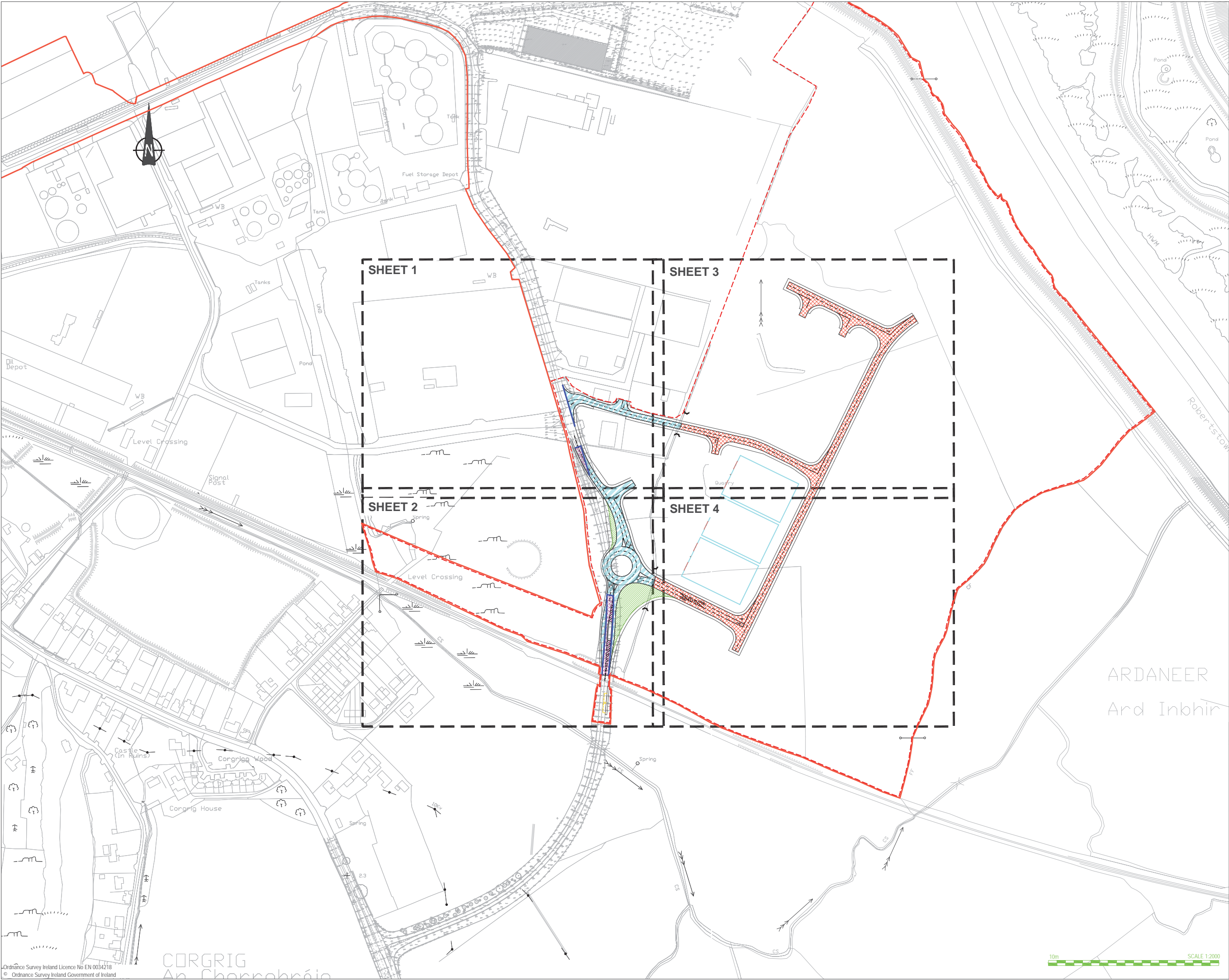
BD

KC

March 2018

JB





### NOTES

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- Datum: Ordnance Datum Malin
- Key**  

Existing Layout

Proposed Layout

Proposed Tactile Crossing  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D

Proposed External New Road  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail A. For widening less than 1.2m  
use narrow trench Detail I

Proposed External Overlay on  
Existing Road - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail B

Proposed External Vehicle Overrun  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail C

Proposed Internal New Road  
Construction Makeup - Refer to drawing  
M07679-RPS-00-PL-DR-C-0140

Proposed Construction Joint -  
Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail E

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Road Pavements - Overall

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2000

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-700-01	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB

10m

SCALE 1:2000

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CORGRIG  
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KEY PLAN

Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	1:5000
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6	Projection: IRENET95 Irish Transverse Mercator
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### NOTES

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- Datum: Ordnance Datum Malin
- Key**  

Existing Layout	_____
Proposed Layout	_____
Proposed Tactile Crossing Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail D	
Proposed External New Road Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail A. For widening less than 1.2m use narrow trench Detail I	
Proposed External Overlay on Existing Road - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail B	
Proposed External Vehicle Overrun Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail C	
Proposed Internal New Road Construction Makeup - Refer to drawing M07679-RPS-00-PL-DR-C-0140	
Proposed Construction Joint - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail E	

rev	amendments	drawn	date

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Client  
  
Shannon Foynes Port Company

Project  
  
Capacity Extension at  
Shannon Foynes

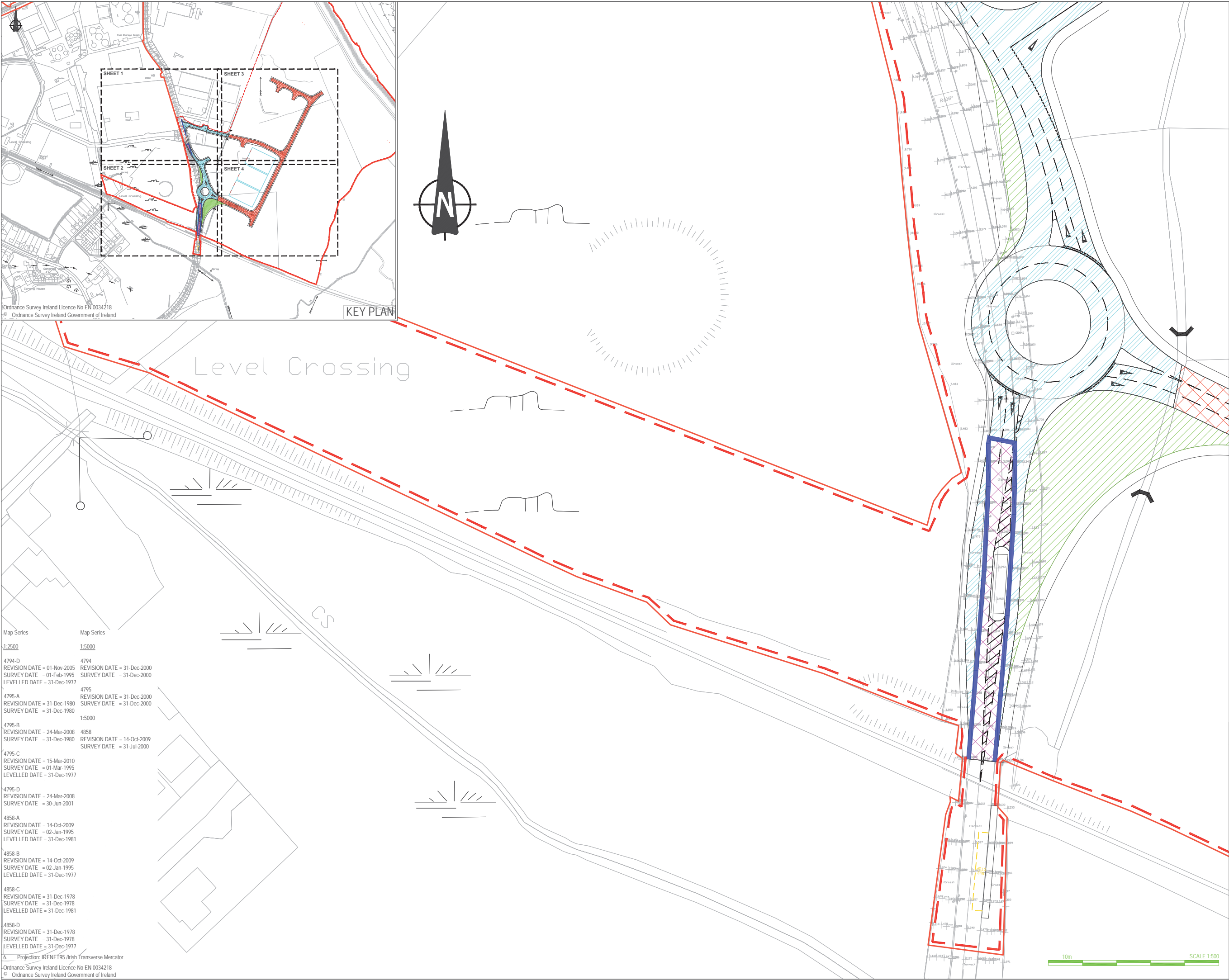
Title  
  
Proposed Road Pavements - Sheet 1 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-700-02	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB





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Map Series	Map Series
1:2500	1:5000
4794-D REVISION DATE = 01-Nov-2005 SURVEY DATE = 01-Feb-1995 LEVELLED DATE = 31-Dec-1977	4794 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6. Projection: IRENET95 Irish Transverse Mercator	
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### NOTES

- Verifying Dimensions.  
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- Datum: Ordnance Datum Malin
- Key**  

Existing Layout

Proposed Layout

Proposed Tactile Crossing  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D

Proposed External New Road  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail A. For widening less than 1.2m  
use narrow trench Detail I

Proposed External Overlay on  
Existing Road - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail B

Proposed External Vehicle Overrun  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail C

Proposed Internal New Road  
Construction Makeup - Refer to drawing  
M07679-RPS-00-PL-DR-C-0140

Proposed Construction Joint -  
Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail E

rev	amendments	drawn	date

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Client  
  
Shannon Foynes Port Company

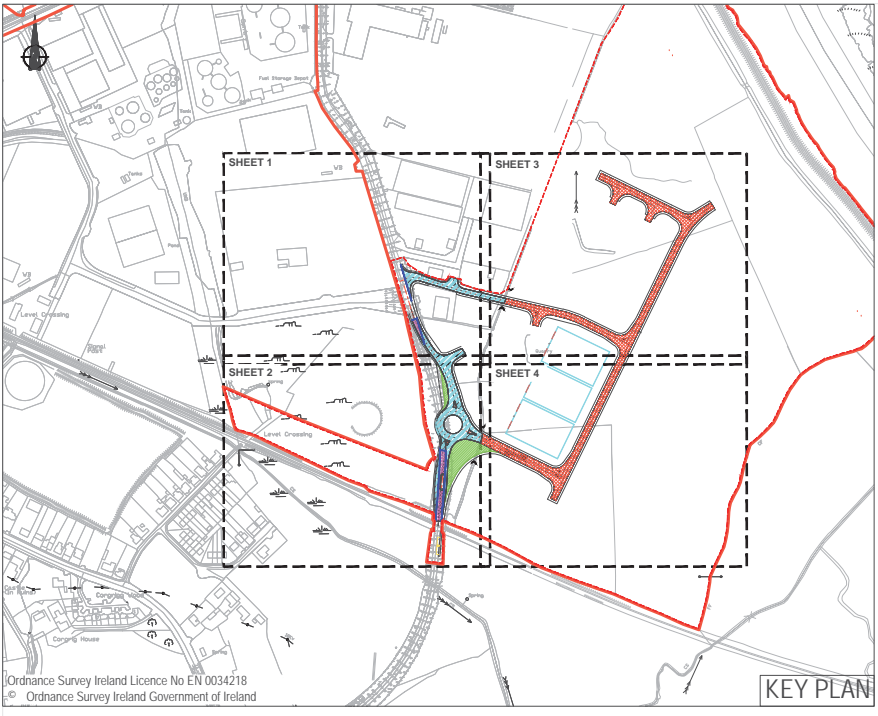
Project  
Capacity Extension at  
Shannon Foynes

Title  
  
Proposed Road Pavements - Sheet 2 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-700-03	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



Map Series	Map Series
1:2500	1:5000
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
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4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6. Projection: IRENET95 /Irish Transverse Mercator	

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- Datum: Ordnance Datum Malin
- Key**  

Existing Layout

Proposed Layout

Proposed Tactile Crossing  
Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail D

Proposed External New Road  
Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail A. For widening less than 1.2m use narrow trench Detail I

Proposed External Overlay on Existing Road - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail B

Proposed External Vehicle Overrun  
Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail C

Proposed Internal New Road  
Construction Makeup - Refer to drawing M07679-RPS-00-PL-DR-C-0140

Proposed Construction Joint - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail E

rev	amendments	drawn	date

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E [Ireland@rpsgroup.com](mailto:Ireland@rpsgroup.com)

Client  
  
Shannon Foynes Port Company

Project  
Capacity Extension at Shannon Foynes

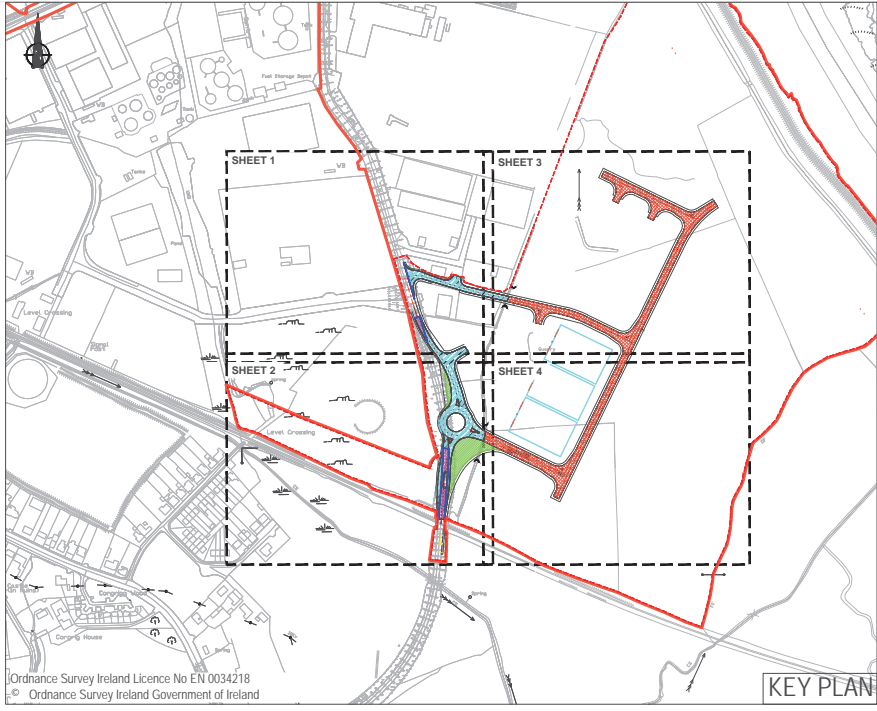
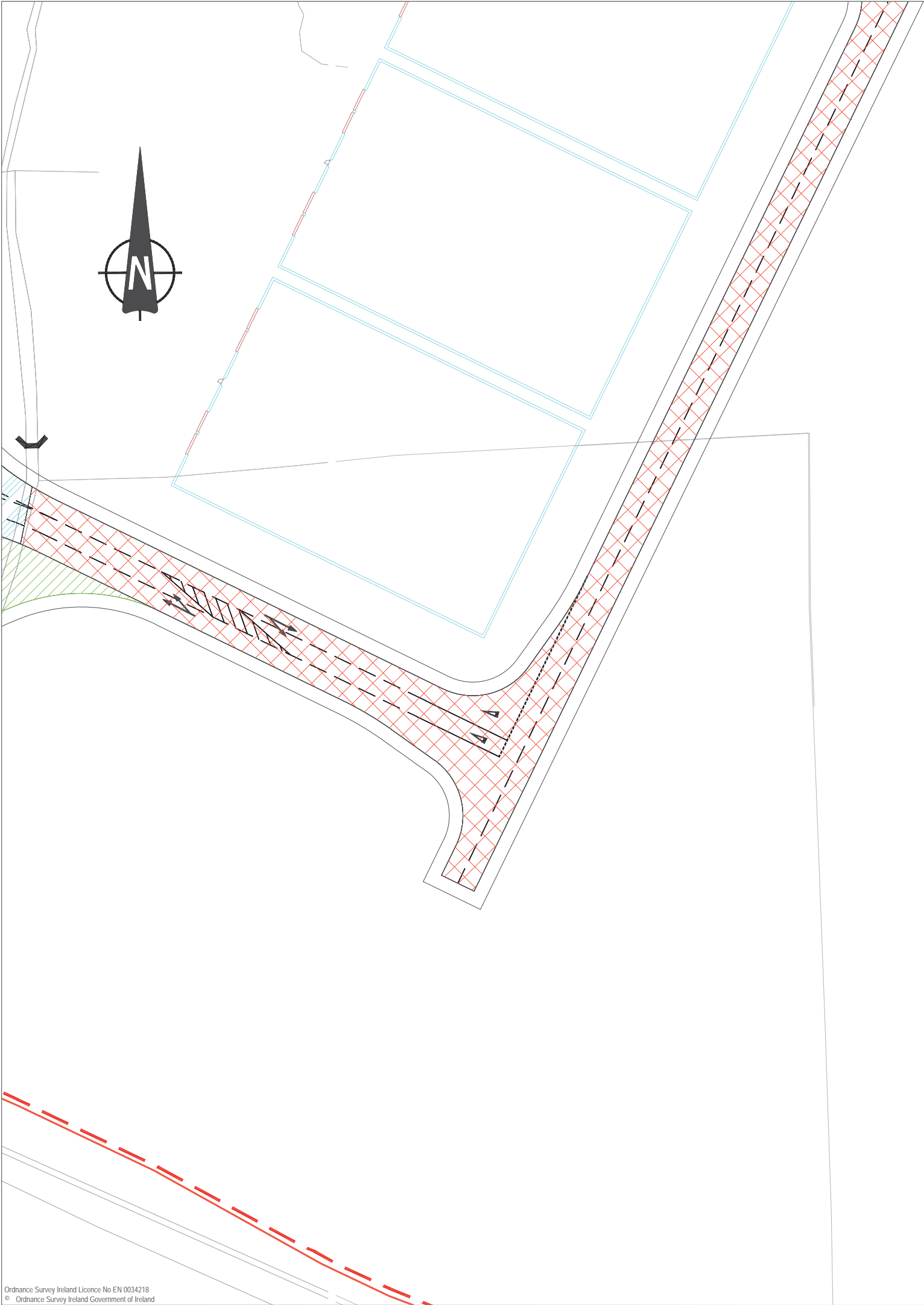
Title  
Proposed Road Pavements - Sheet 3 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-700-04	-

Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB





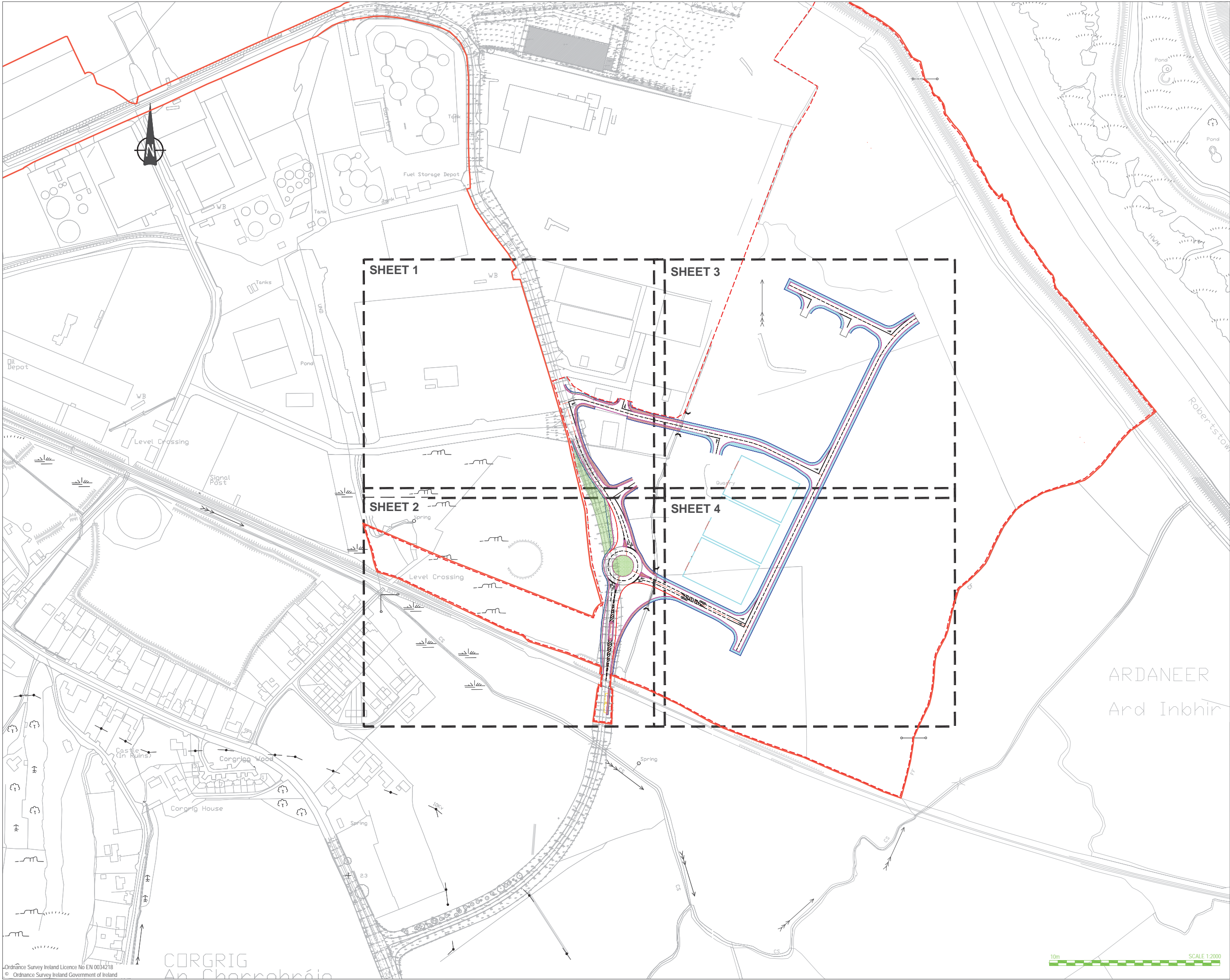
- NOTES**
- Verifying Dimensions.  
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  - Datum: Ordnance Datum Malin

5. <u>Key</u>	
Existing Layout	
Proposed Layout	
Proposed Tactile Crossing Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail D	
Proposed External New Road Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail A. For widening less than 1.2m use narrow trench Detail I	
Proposed External Overlay on Existing Road - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail B	
Proposed External Vehicle Overrun Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail C	
Proposed Internal New Road Construction Makeup - Refer to drawing M07679-RPS-00-PL-DR-C-0140	
Proposed Construction Joint - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail E	

Map Series	Map Series
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
4795-B REVISION DATE = 24-Mar-2008 SURVEY DATE = 31-Dec-1980	1:5000
4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
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4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6. Projection: IRENET95 /Irish Transverse Mercator	



rev	amendments	drawn	date
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Road Pavements - Sheet 4 of 4			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:500	
Drawing Number		Rev	
H0548-RPS-XX-00-DR-HE-700-05		-	
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



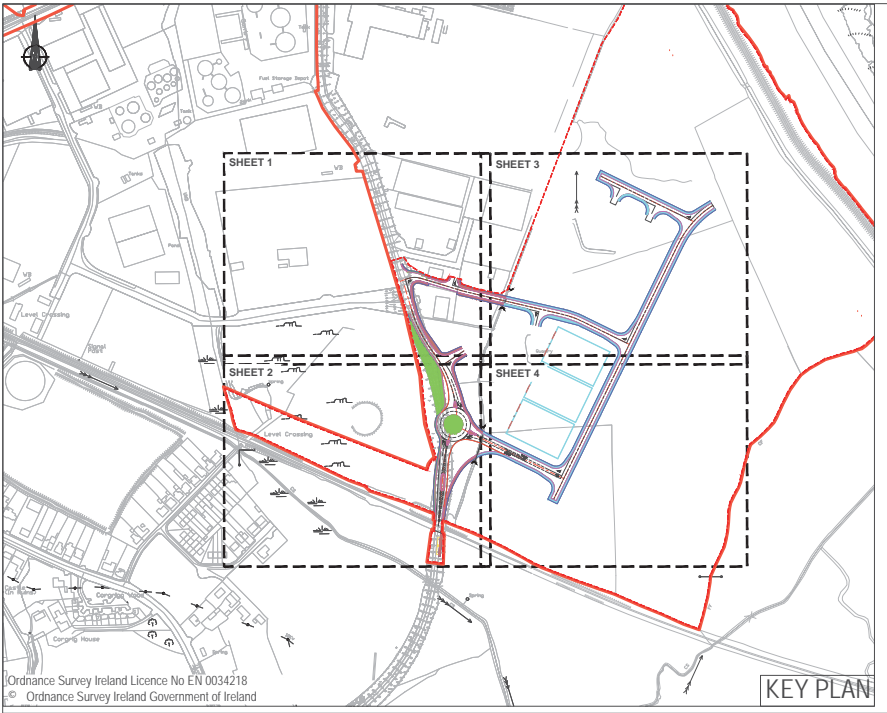
**NOTES**

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- Datum: Ordnance Datum Malin
- Key**

Existing Layout	
Proposed Layout	
HB2 Kerb - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail F	
EF Kerb - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail H	
Drop Kerb - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail G	
Proposed External Footway Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail D	
Proposed New Internal Footway Construction Makeup - Refer to drawing M07679-RPS-00-PL-DR-C-0140	
Proposed Grass Verge	
Proposed Tactile Crossing Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail D	

rev	amendments	drawn	date
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Kerbs, Footways and Paved Areas - Overall			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	1:2000	
Drawing Number		Rev	
H0548-RPS-XX-00-DR-HE-1100-01			
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



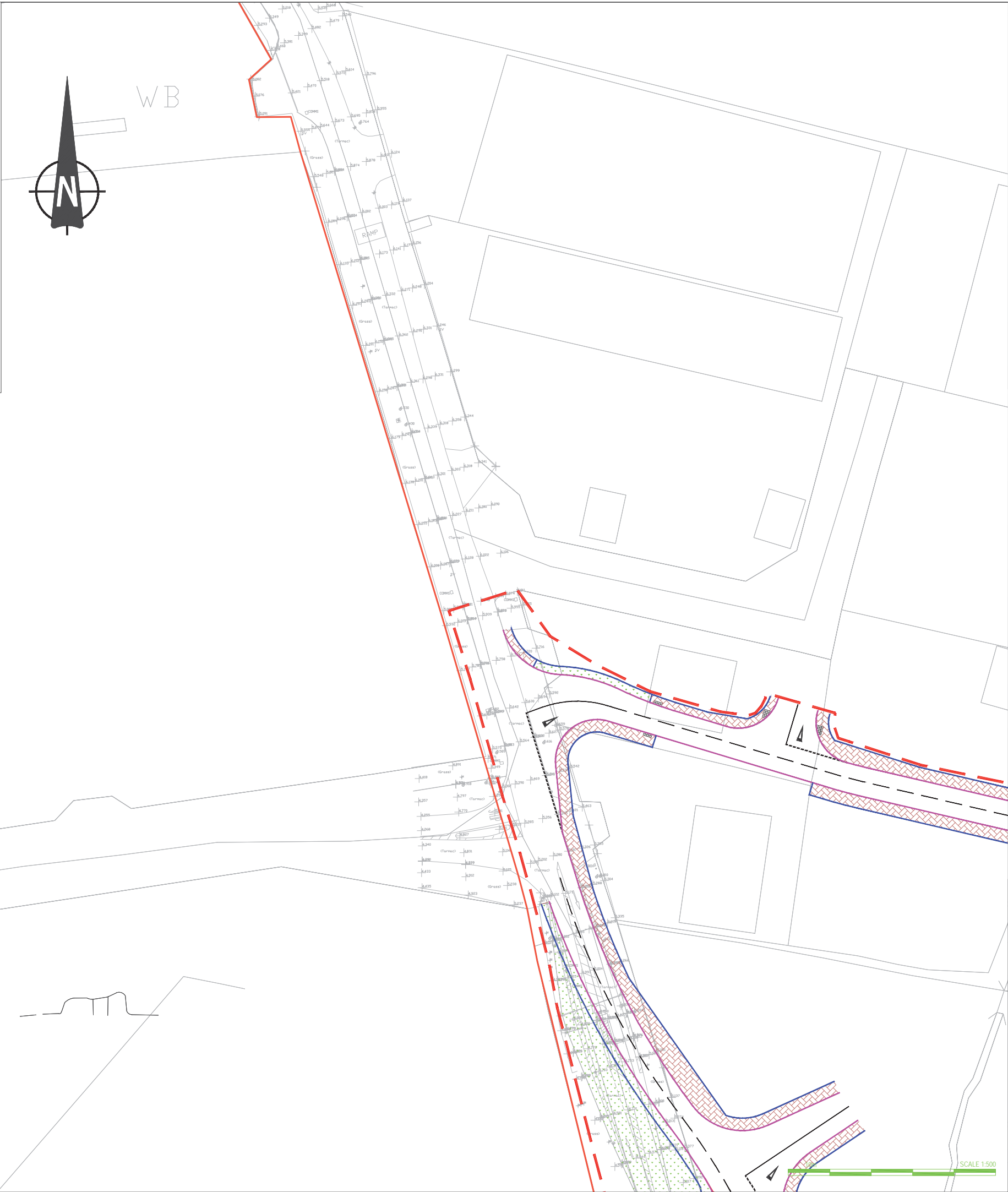


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KEY PLAN

Map Series	Map Series
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4795-A REVISION DATE = 31-Dec-1980 SURVEY DATE = 31-Dec-1980	4795 REVISION DATE = 31-Dec-2000 SURVEY DATE = 31-Dec-2000
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4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	
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4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
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6 Projection: IRENET95 Irish Transverse Mercator	
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NOTES

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4. Datum: Ordnance Datum Malin

5. Key  

Existing Layout

Proposed Layout

HB2 Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail F

EF Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail H

Drop Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail G

Proposed External Footway  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D

Proposed New Internal Footway  
Construction Makeup - Refer to drawing  
M07679-RPS-00-PL-DR-C-0140

Proposed Grass Verge

Proposed Tactile Crossing  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D

rev

amendments

drawn

date

RPS

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Client

Shannon Foynes Port Company

Project

Capacity Extension at  
Shannon Foynes

Title

Proposed Kerbs, Footways and Paved  
Areas - Sheet 1 of 4

Drawing Status

Sheet Size

Drawing Scale

Planning

A1

1:500

Drawing Number

Rev

H0548-RPS-XX-00-DR-HE-1100-02

Project Leader

Drawn By

Date

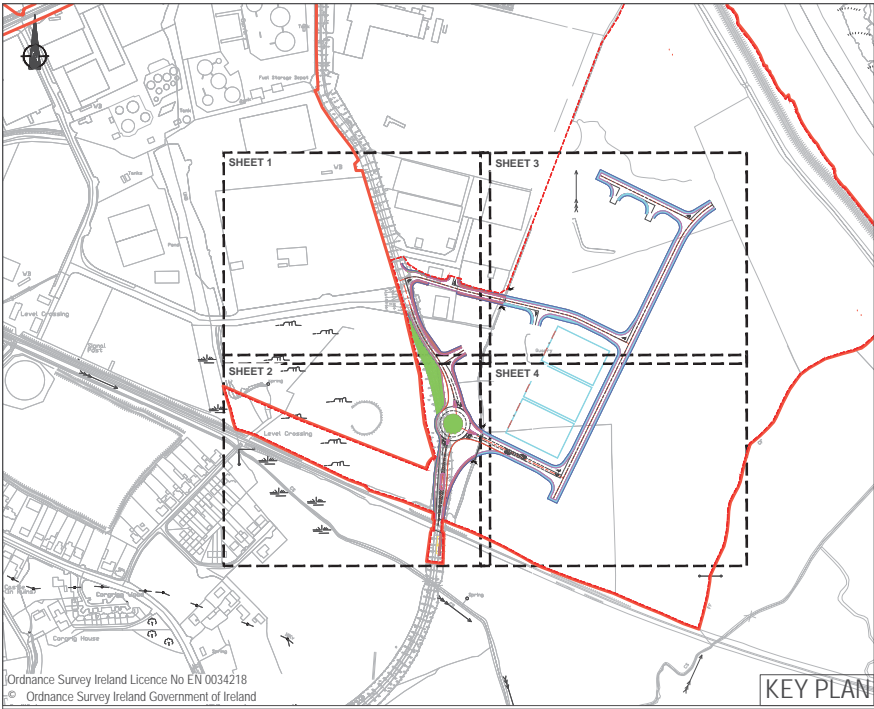
Initial Review

BD

MMcG

April 2018

JB



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KEY PLAN

Level Crossing

Map Series

1:2500

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REVISION DATE = 01-Nov-2005  
SURVEY DATE = 01-Feb-1995  
LEVELLED DATE = 31-Dec-1977

4795-A  
REVISION DATE = 31-Dec-1980  
SURVEY DATE = 31-Dec-1980

4795-B  
REVISION DATE = 24-Mar-2008  
SURVEY DATE = 31-Dec-1980

4795-C  
REVISION DATE = 15-Mar-2010  
SURVEY DATE = 01-Mar-1995  
LEVELLED DATE = 31-Dec-1977

4795-D  
REVISION DATE = 24-Mar-2008  
SURVEY DATE = 30-Jun-2001

4858-A  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 02-Jan-1995  
LEVELLED DATE = 31-Dec-1981

4858-B  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 02-Jan-1995  
LEVELLED DATE = 31-Dec-1977

4858-C  
REVISION DATE = 31-Dec-1978  
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LEVELLED DATE = 31-Dec-1981

4858-D  
REVISION DATE = 31-Dec-1978  
SURVEY DATE = 31-Dec-1978  
LEVELLED DATE = 31-Dec-1977

Projection: IRENET95 Irish Transverse Mercator

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Map Series

1:5000

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REVISION DATE = 31-Dec-2000  
SURVEY DATE = 31-Dec-2000

4795  
REVISION DATE = 31-Dec-2000  
SURVEY DATE = 31-Dec-2000

4858  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 31-Jul-2000



10m SCALE 1:500

## NOTES

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4. Datum: Ordnance Datum Malin

## 5. Key

- Existing Layout
- Proposed Layout
- HB2 Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail F
- EF Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail H
- Drop Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail G
- Proposed External Footway  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D
- Proposed New Internal Footway  
Construction Makeup - Refer to drawing  
M07679-RPS-00-PL-DR-C-0140
- Proposed Grass Verge
- Proposed Tactile Crossing  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D

rev amendments

drawn date

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BT12 6RZ

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W www.rpsgroup.com/ireland  
E ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project  
Capacity Extension at  
Shannon Foynes

Title

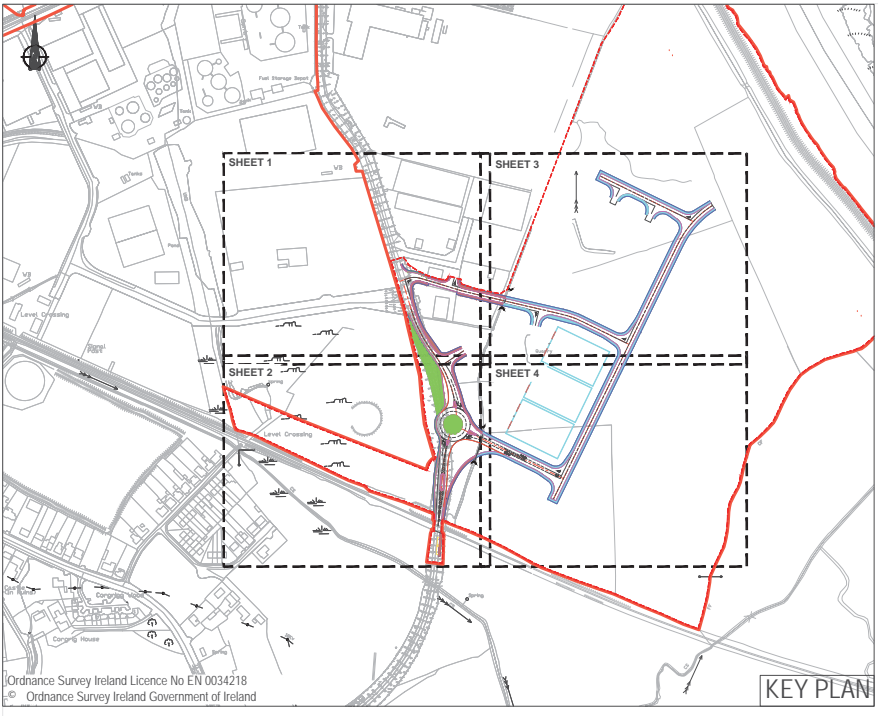
Proposed Kerbs, Footways and Paved  
Areas - Sheet 2 of 4

Drawing Status Sheet Size Drawing Scale  
Planning A1 1:500

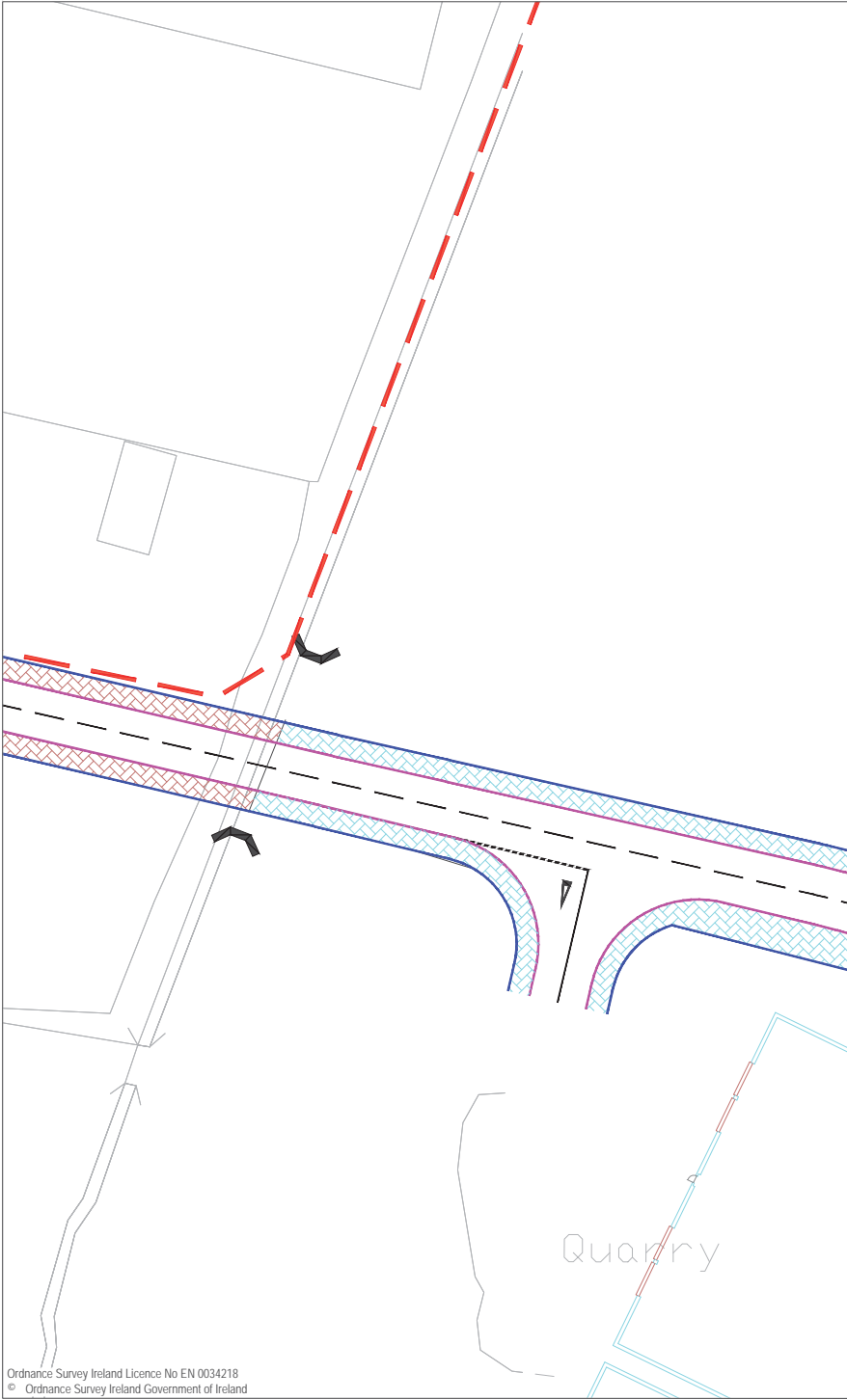
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Project Leader Drawn By Date Initial Review  
BD MMcG April 2018 JB

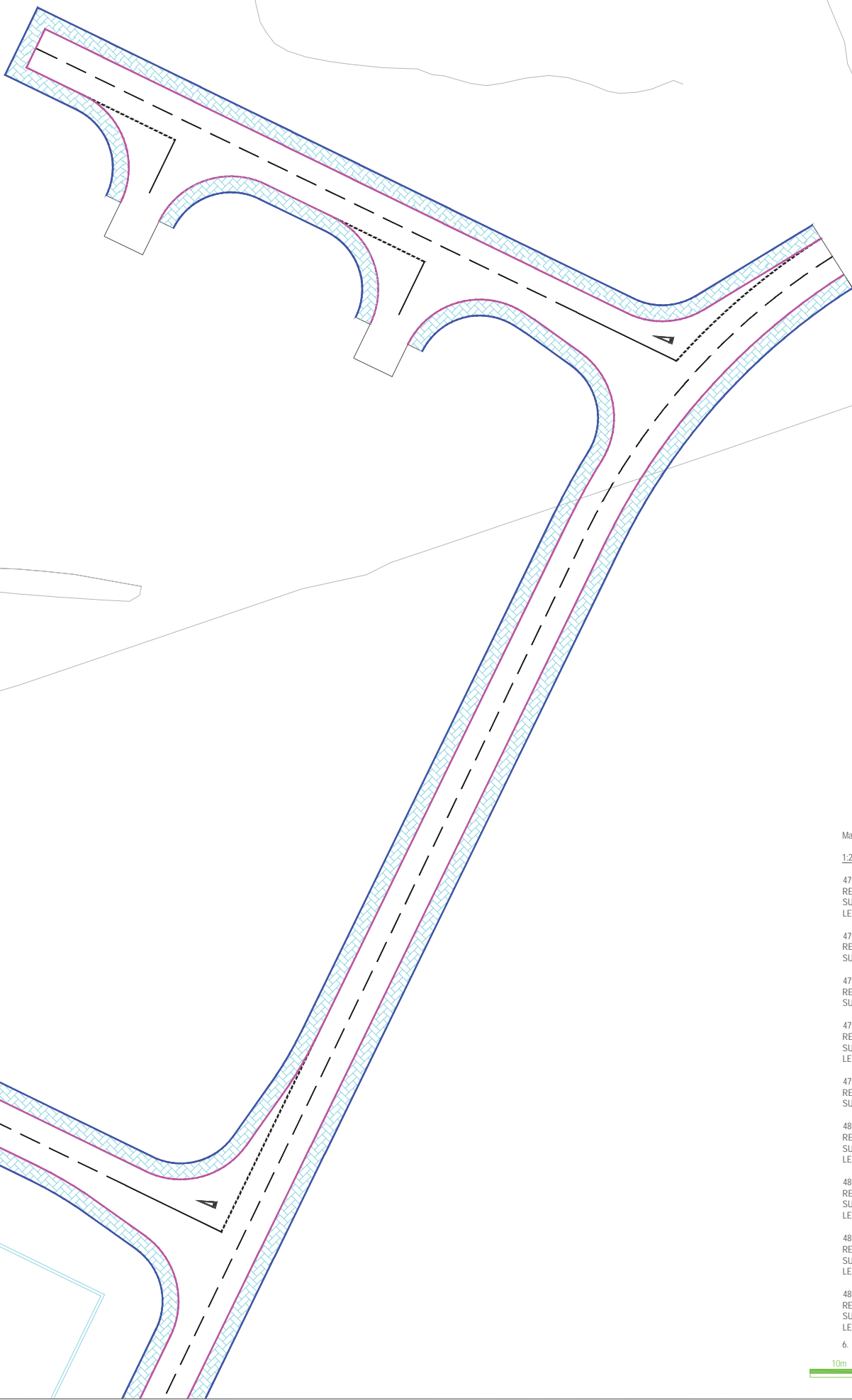




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Map Series	Map Series
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4795-C REVISION DATE = 15-Mar-2010 SURVEY DATE = 01-Mar-1995 LEVELLED DATE = 31-Dec-1977	4858 REVISION DATE = 14-Oct-2009 SURVEY DATE = 31-Jul-2000
4795-D REVISION DATE = 24-Mar-2008 SURVEY DATE = 30-Jun-2001	
4858-A REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1981	
4858-B REVISION DATE = 14-Oct-2009 SURVEY DATE = 02-Jan-1995 LEVELLED DATE = 31-Dec-1977	
4858-C REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1981	
4858-D REVISION DATE = 31-Dec-1978 SURVEY DATE = 31-Dec-1978 LEVELLED DATE = 31-Dec-1977	
6. Projection: IRENET95 /Irish Transverse Mercator	
10m SCALE 1:500	

NOTES

1.

Verifying Dimensions.  
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.

2.

Existing Services.  
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3.

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4.

Datum: Ordnance Datum Malin

5.

Key

Existing Layout

Proposed Layout

HB2 Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail F

EF Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail H

Drop Kerb - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
Detail G

Proposed External Footway  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D

Proposed New Internal Footway  
Construction Makeup - Refer to drawing  
M07679-RPS-00-PL-DR-C-0140

Proposed Grass Verge

Proposed Tactile Crossing  
Construction Makeup - Refer to drawing  
H0548-RPS-XX-00-DR-HE-1200  
- Detail D

rev

amendments

drawn

date

RPS

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BT12 6RZ

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ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project

Capacity Extension at  
Shannon Foynes

Title

Proposed Kerbs, Footways and Paved  
Areas - Sheet 3 of 4

Drawing Status

Sheet Size

Drawing Scale

Planning

A1

1:500

Drawing Number

Rev

H0548-RPS-XX-00-DR-HE-1100-04

-

Project Leader

Drawn By

Date

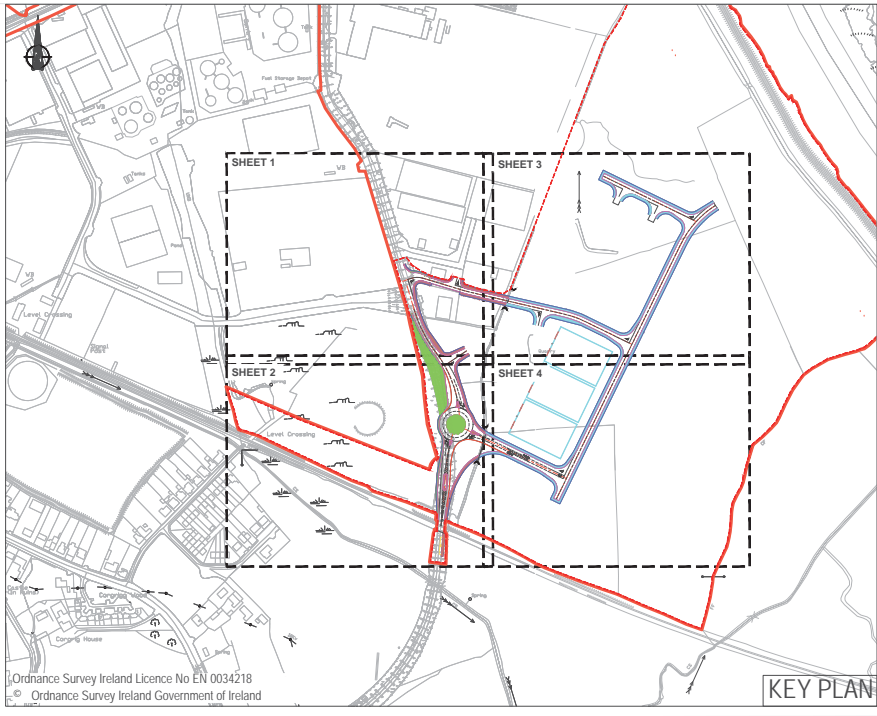
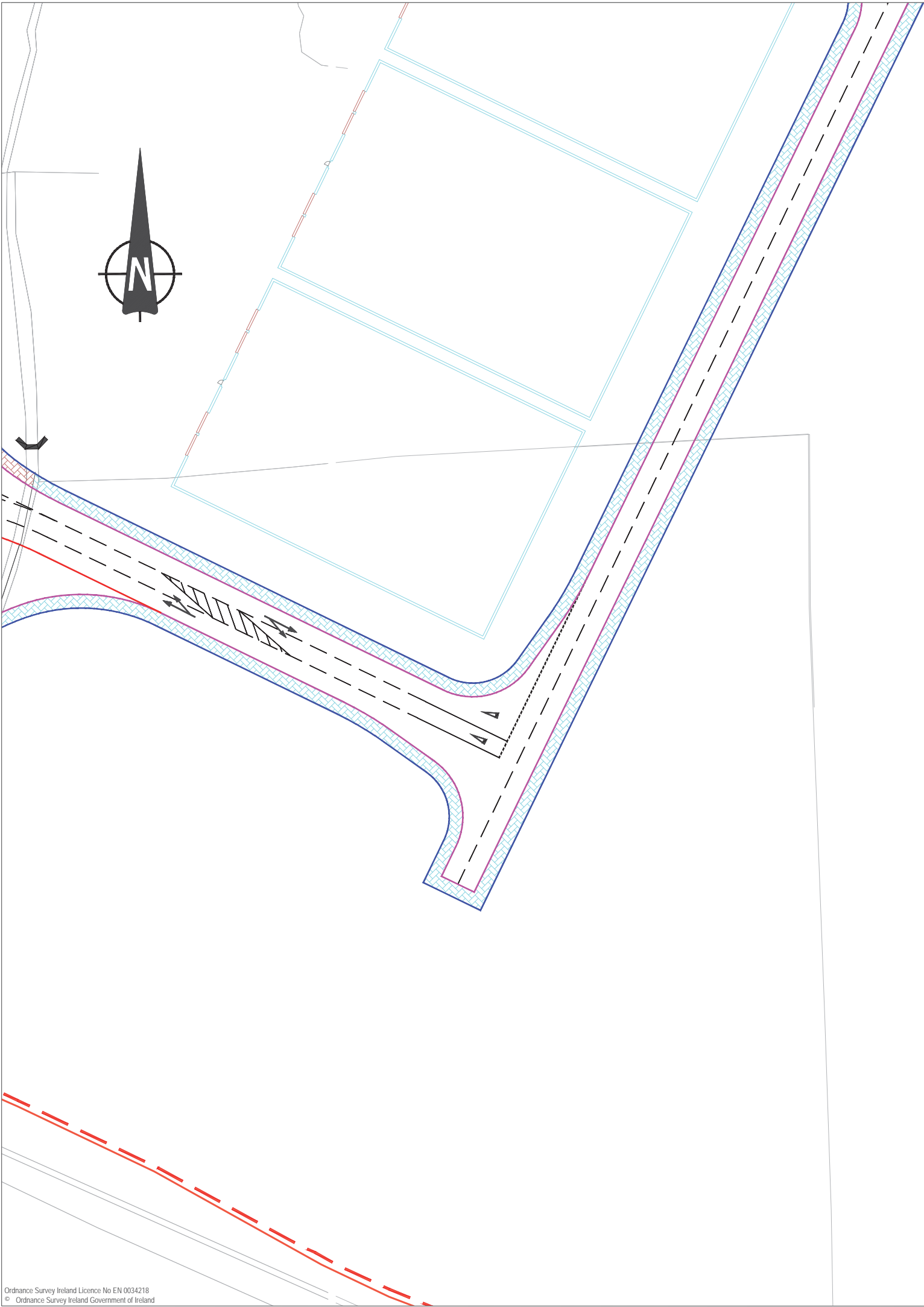
Initial Review

BD

MMcG

April 2018

JB



### NOTES

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- Datum: Ordnance Datum Malin
- Key**  

Existing Layout	_____
Proposed Layout	_____
HB2 Kerb - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail F	_____
EF Kerb - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail H	_____
Drop Kerb - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 Detail G	_____
Proposed External Footway Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail D	
Proposed New Internal Footway Construction Makeup - Refer to drawing M07679-RPS-00-PL-DR-C-0140	
Proposed Grass Verge	
Proposed Tactile Crossing Construction Makeup - Refer to drawing H0548-RPS-XX-00-DR-HE-1200 - Detail D	

rev	amendments	drawn	date

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Client  
  
**Shannon Foynes Port Company**

Project  
**Capacity Extension at Shannon Foynes**

Title  
**Proposed Kerbs, Footways and Paved Areas - Sheet 4 of 4**

Drawing Status <b>Planning</b>	Sheet Size <b>A1</b>	Drawing Scale <b>1:500</b>
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Drawing Number <b>H0548-RPS-XX-00-DR-HE-1100-05</b>	Rev <b>-</b>
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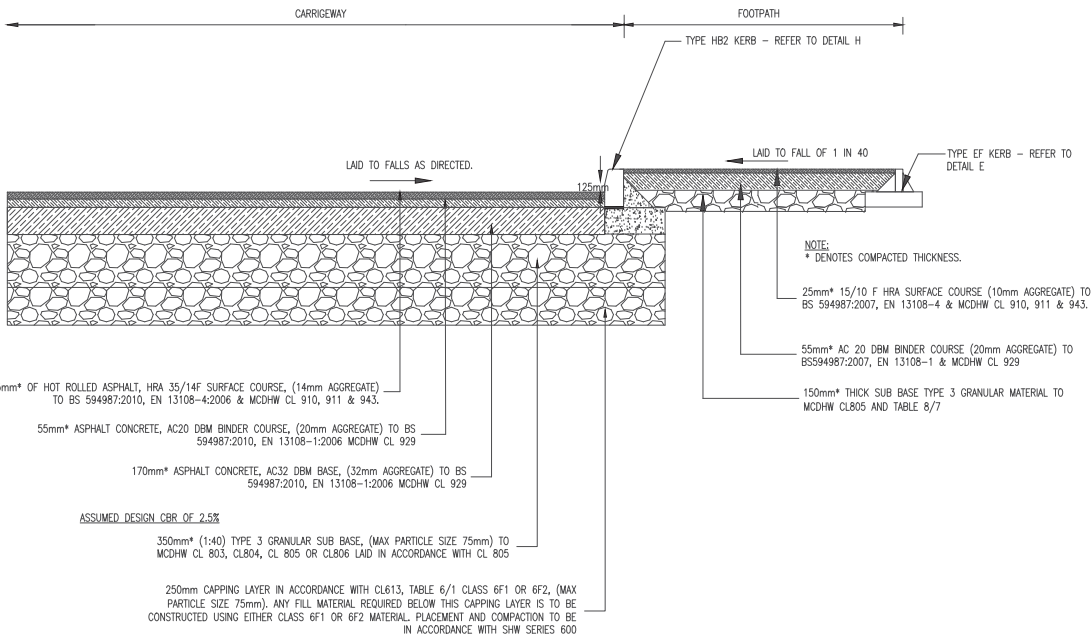
Project Leader <b>BD</b>	Drawn By <b>MMcG</b>	Date <b>April 2018</b>	Initial Review <b>JB</b>
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Map Series  
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4794-D  
REVISION DATE = 01-Nov-2005  
SURVEY DATE = 01-Feb-1995  
LEVELLED DATE = 31-Dec-1977  
  
4795-A  
REVISION DATE = 31-Dec-1980  
SURVEY DATE = 31-Dec-1980  
  
4795-B  
REVISION DATE = 24-Mar-2008  
SURVEY DATE = 31-Dec-1980  
  
4795-C  
REVISION DATE = 15-Mar-2010  
SURVEY DATE = 01-Mar-1995  
LEVELLED DATE = 31-Dec-1977  
  
4795-D  
REVISION DATE = 24-Mar-2008  
SURVEY DATE = 30-Jun-2001  
  
4858-A  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 02-Jan-1995  
LEVELLED DATE = 31-Dec-1981  
  
4858-B  
REVISION DATE = 14-Oct-2009  
SURVEY DATE = 02-Jan-1995  
LEVELLED DATE = 31-Dec-1977  
  
4858-C  
REVISION DATE = 31-Dec-1978  
SURVEY DATE = 31-Dec-1978  
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REVISION DATE = 31-Dec-1978  
SURVEY DATE = 31-Dec-1978  
LEVELLED DATE = 31-Dec-1977

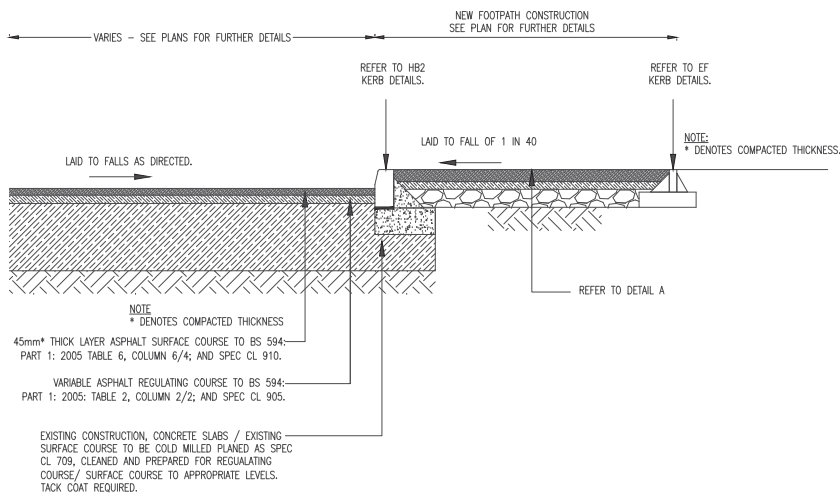
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SURVEY DATE = 31-Dec-2000  
  
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SURVEY DATE = 31-Jul-2000

Projection: IRENET95 /Irish Transverse Mercator

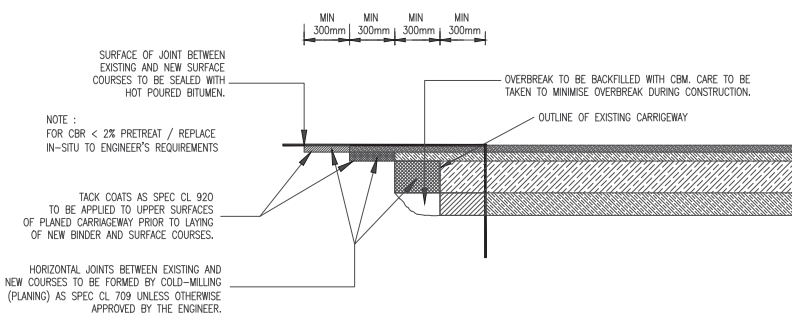




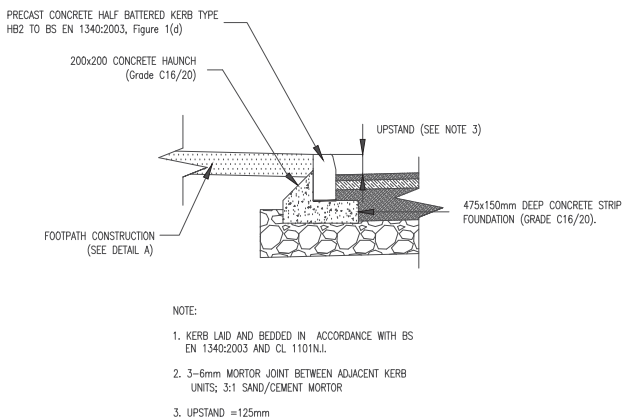
PROPOSED CARRIAGEWAY AND FOOTWAY CONSTRUCTION  
DETAIL A



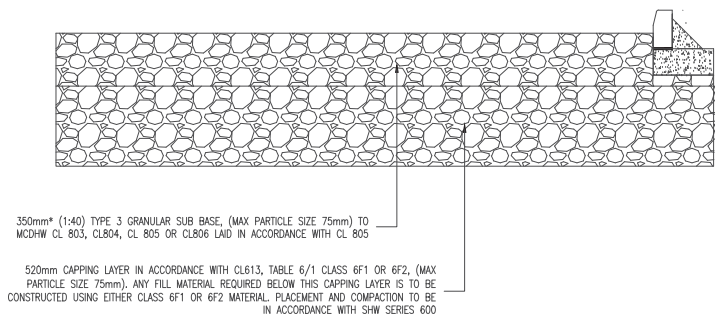
PROPOSED CARRIAGWAY OVERLAY ON EXISTING  
DETAIL B



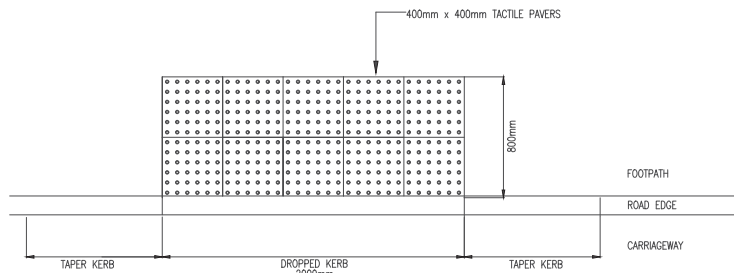
CONSTRUCTION JOINT DETAIL  
DETAIL E



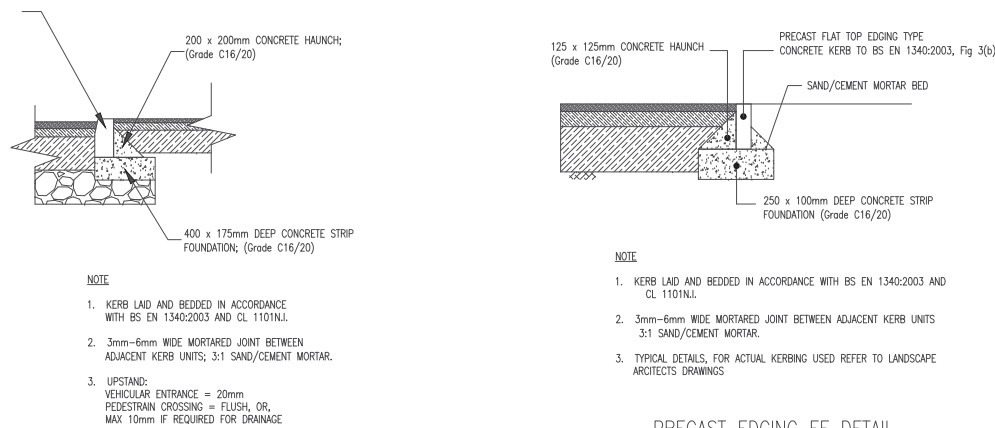
TYPICAL HB2 KERB DETAILS  
DETAIL F



PROPOSED VEHICLE OVER-RUN  
DETAIL C

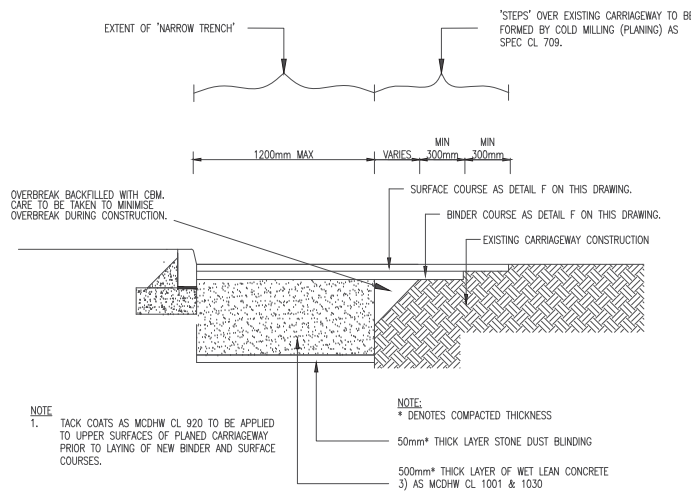


PLAN VIEW OF TACTILE CROSSING POINT  
DETAIL D



TYPICAL HB2 DK DROPPED KERB DETAILS  
DETAIL G

PRECAST EDGING EF DETAIL  
DETAIL H



NARROW TRENCH CONSTRUCTION  
DETAIL I



## NOTES

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- Datum: Ordnance Datum Malin

rev	amendments	drawn	date
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Client			
Shannon Foynes Port Company			
Project			
Capacity Extension at Shannon Foynes			
Title			
Proposed Construction Details			
Drawing Status	Sheet Size	Drawing Scale	
Planning	A1	As Shown	
Drawing Number			Rev -
H0548-RPS-XX-00-DR-HE-1200-01			
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	March 2018	JB

