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 Klosk 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

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Project
Capacity Extension at Shannon Foynes

Title
Planning Application Drawing List

Drawing Status	Sheet Size	Drawing Scale
Planning	A3	1:1

Drawing Number
M0679-RPS-00-PL-DR-C-0050

Rev -

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

480000.000 510000.000 540000.000

660000.000

630000.000



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Client
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Project
Capacity Extension at Shannon Foynes

Title
Location Map

Drawing Status	Sheet Size	Drawing Scale
Preliminary	A3	1:250,000

Drawing Number
M0679-RPS-00-PL-DR-C-0051

Rev -

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

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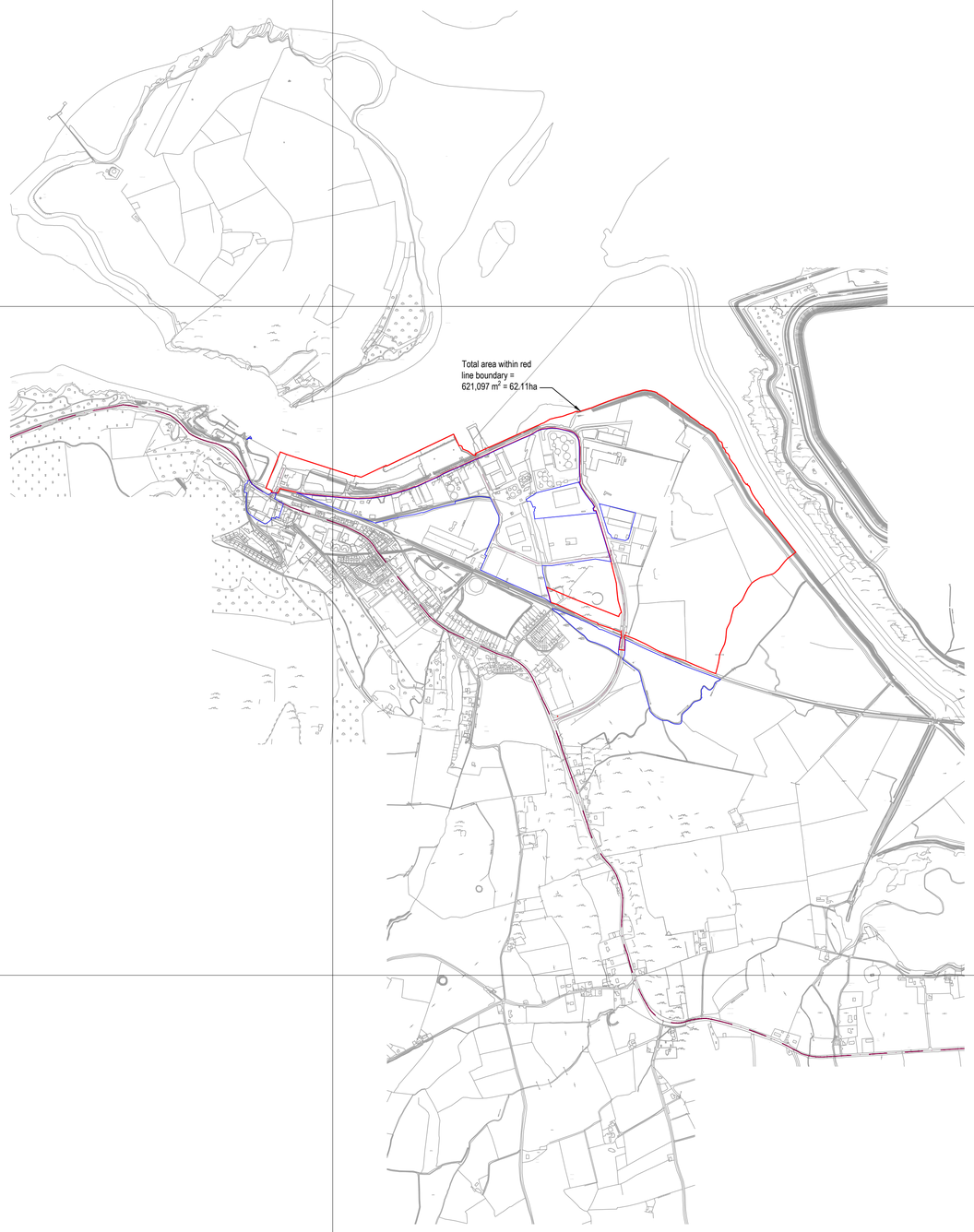

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4. DATUM: Ordnance Datum Malin

5. Map Series

Map Series 1:2500	Map Series 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 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
- Site Notice (4Nr in total)

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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
M0679-RPS-00-PL-DR-C-0100	-

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

525000.00 526000.00 527000.00

653000.00 652000.00 651000.00

PL-DR-C-0102
Sheet 1

PL-DR-C-0103
Sheet 2

Total area within red line boundary = 621,097 m² = 62.11ha

Site Notice Location 1

Site Notice Locations 2 & 3

Site Notice Location 4

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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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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

Title
Proposed Site Location Key Plan

Drawing Status	Sheet Size	Drawing Scale
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.

525000.00 525500.00 526000.00

652000.00 651500.00 651000.00

Total area within red line boundary = 621,097 m² = 62.11ha

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NOTES

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4. DATUM: Ordnance Datum Malin

5. Map Series

Map Series 1:2500	Map Series 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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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

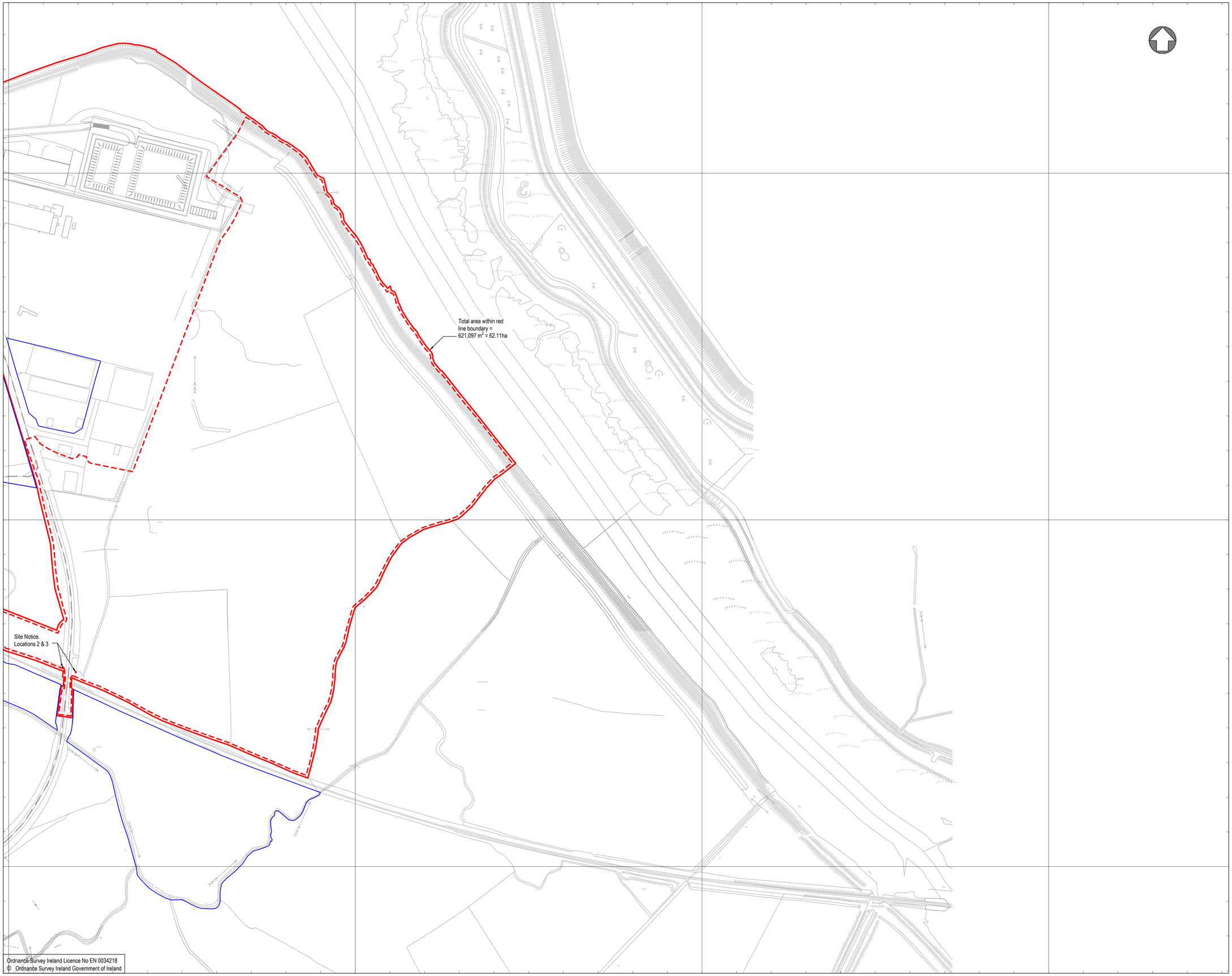
Project
Capacity Extension at Shannon Foynes

Title
Proposed Site Location Plan
Sheet 1

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2500

Drawing Number: M0679-RPS-00-PL-DR-C-0102
Rev -

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	Map Series 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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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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Client
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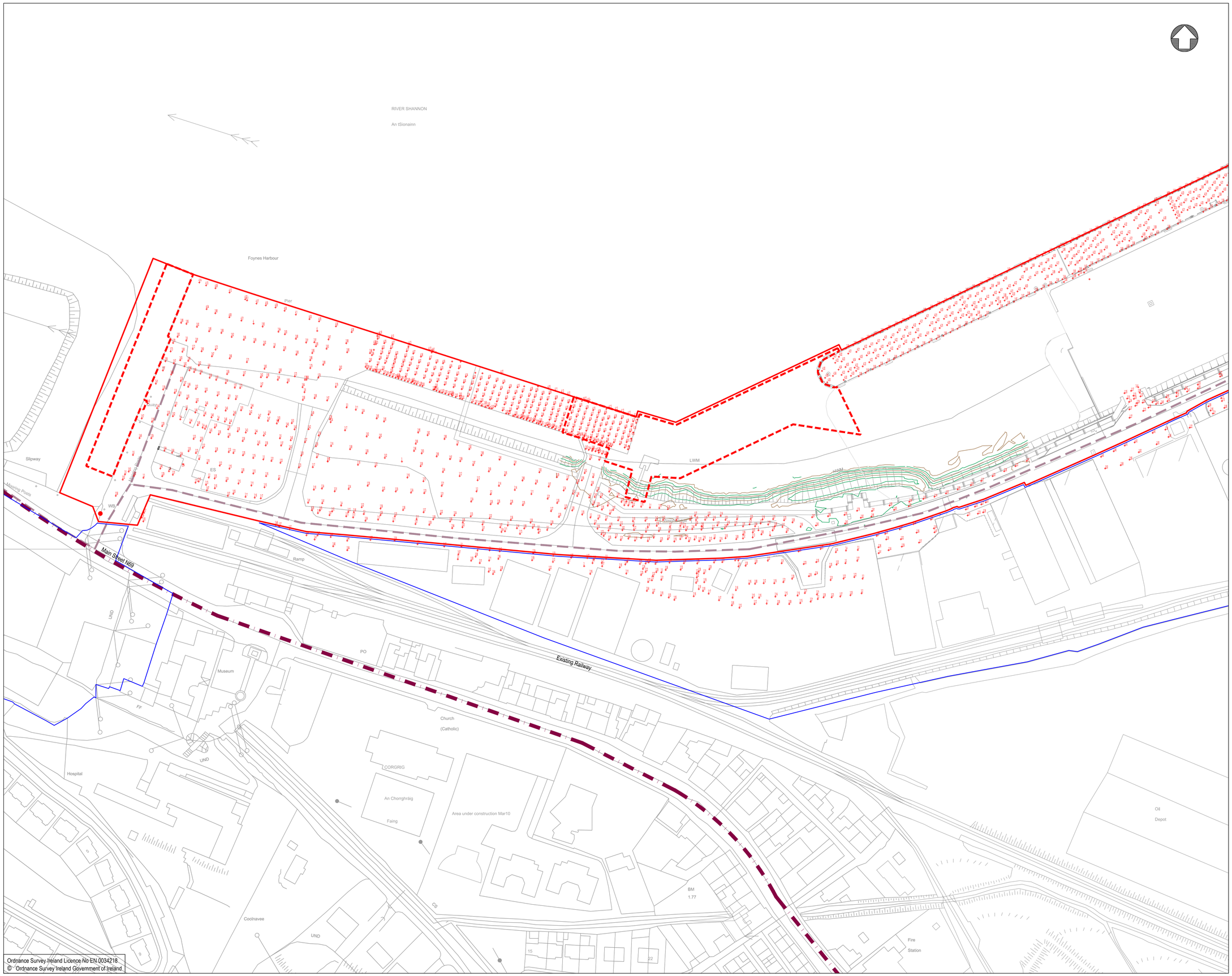
Project
Capacity Extension at Shannon Foynes

Title
Proposed Site Location Plan
Sheet 2

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0103	-

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



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4. DATUM: Ordnance Datum Malin

5. 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
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   SURVEY DATE = 31-Dec-1978
   LEVELLED DATE = 31-Dec-1981

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

   Map Series

   1:5000

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   SURVEY DATE = 31-Dec-2000

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

   1:5000

   4858
   REVISION DATE = 14-Oct-2009
   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

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

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

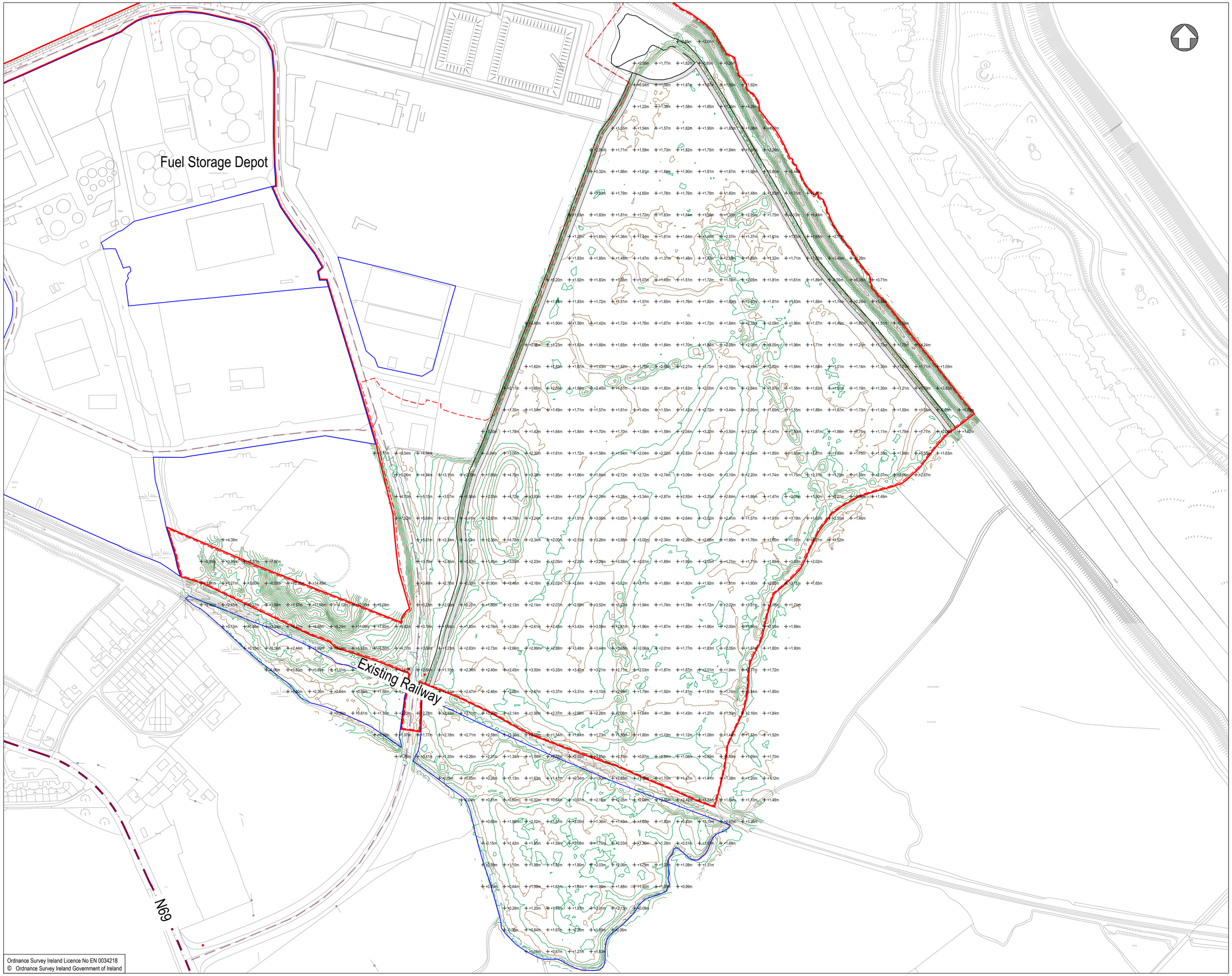
Title

Jetty Existing Survey

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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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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6. Projection: IRENET95 /Irish Transverse Mercator

Key:
- Planning Boundary
- Land in ownership of Applicant but not forming part of application
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Survey information base on:
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Murphys Survey Ref: 1692-001 and 002

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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

Title
Durnish Lands Existing Topographic Survey

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2000

Drawing Number: M0679-RPS-00-PL-DR-C-0105
Rev -

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	Map Series 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 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-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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SUMMARY OF CONSTRUCTION WORKS IN EACH PHASE

Phase 1A Construction

- Jetty Extension
- Pontoon Relocation
- Durnish 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

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

Phase 1C Construction

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

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
- Phase 1A
- Phase 1B
- Phase 1C

0 100 200 Meters

rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

Title
Proposed Phasing Plan for Construction

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2500

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0106	-

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	Map Series
1:2500	1:5000
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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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PHASE 2
(Use subject to future consent)

PHASE 1
Proposed Container Storage/
Open Storage Area

PHASE 3
(Use subject to future consent)

PHASE 1
Proposed Warehousing/
Covered Storage

PHASE 1
Proposed Open Storage Area

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
- Phase 1
- Phase 2
- Phase 3

0 100 200 Meters

rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

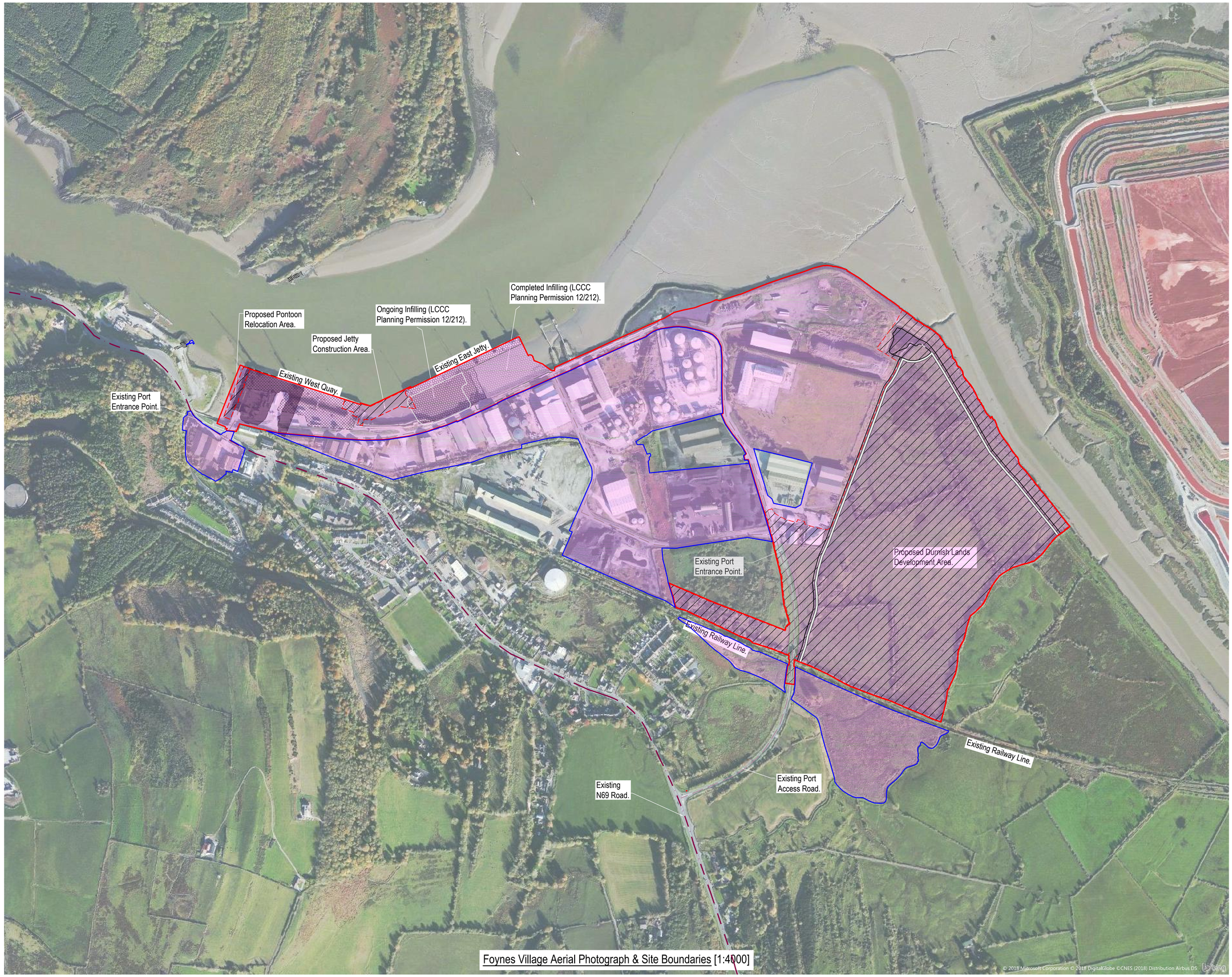
Project
Capacity Extension at
Shannon Foynes

Title
Proposed Phasing Plan
for Operational Uses

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2500

Drawing Number: M0679-RPS-00-PL-DR-C-0107 Rev -

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



Foynes Village Aerial Photograph & Site Boundaries [1:4000]

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

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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: M0679-RPS-00-PL-DR-C-0109 Rev -

Project Leader	Drawn By	Date	Initial Review
SAH	EH	March 2018	SAH

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652000.00

651000.00

PL-DR-C-0111 Sheet 1
PL-DR-C-0112 Sheet 2
PL-DR-C-0113 Sheet 3
PL-DR-C-0114 Sheet 4
PL-DR-C-0115 Sheet 5
PL-DR-C-0116 Sheet 6
PL-DR-C-0117 Sheet 7
PL-DR-C-0118 Sheet 8
PL-DR-C-0119 Sheet 9
PL-DR-C-0120 Sheet 10
PL-DR-C-0121 Sheet 11
PL-DR-C-0122 Sheet 12
PL-DR-C-0123 Sheet 13
PL-DR-C-0124 Sheet 14
PL-DR-C-0125 Sheet 15
PL-DR-C-0126 Sheet 16
PL-DR-C-0127 Sheet 17

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NOTES

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4. DATUM: Ordnance Datum Malin

5. 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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rev	amendments	drawn	date

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

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

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524800.00 524900.00 525000.00

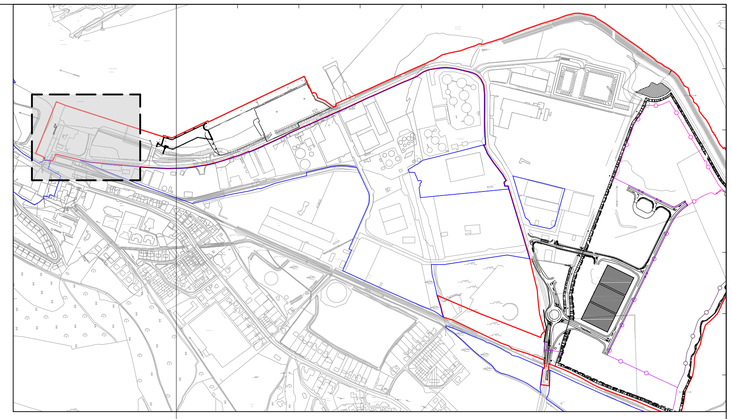
651900.00 651800.00 651700.00

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



Foynes Harbour
Pier
Existing West Quay Structure
54.92m
+4.07m
255.68m
Landing Pontoon (relocated from behind New Berth 4)
2Nr locating piles (as per original pontoon)
24.55m
Access Gangway
14.71m
Concrete bankseat cast into existing quay wall structure
63.98m
Quay
Mooring Posts
ES
WB
Site Notice Location 1
Port Road
Ramp
UND
PO
Museum
FF
WEST QUAY
Existing Revetment
Localised demolition of existing deck to facilitate connection to new structure
39.32m
Existing high mast light new location
Existing high mast light retained and relocated
21.91m
+4.07m
+4.00m
MH103
57.01m
36.11m
Port Road

NOTES

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Map Series 1:2500	Map Series 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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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

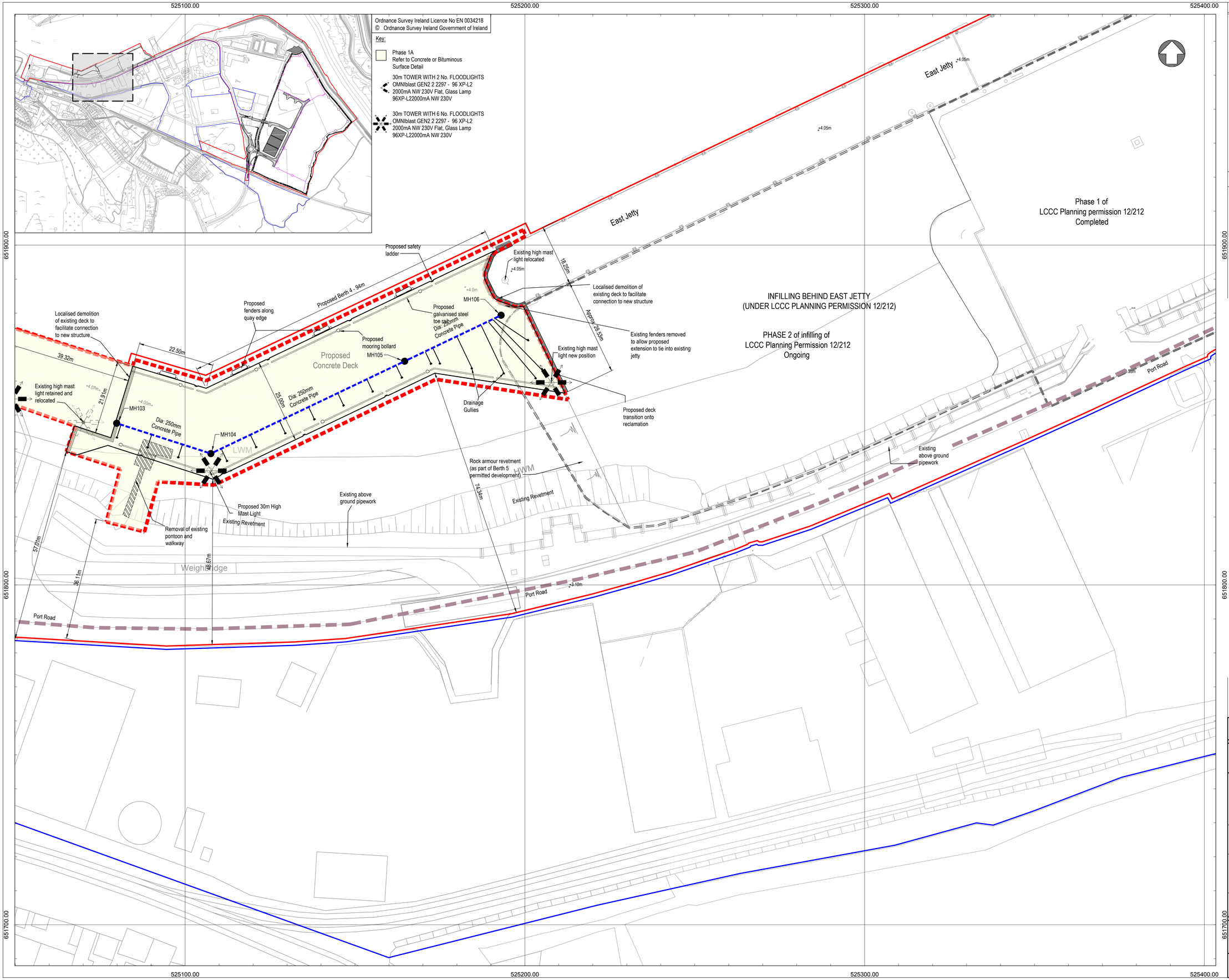
Project
Capacity Extension at Shannon Foynes

Title
Proposed Site Layout Plan Sheet 1

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number: M0679-RPS-00-PL-DR-C-0111
Rev -

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



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4. DATUM: Ordnance Datum Malin

5. 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
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LEVELLED DATE = 31-Dec-1977

4795-D
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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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

4858
REVISION DATE = 14-Oct-2009
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
- 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 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.

525400.00 525500.00 525600.00

652000.00

651900.00

651800.00

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Jetty

East Jetty +4.05m

East Jetty +4.05m

+4.05m

Existing Revetment

+2.89m

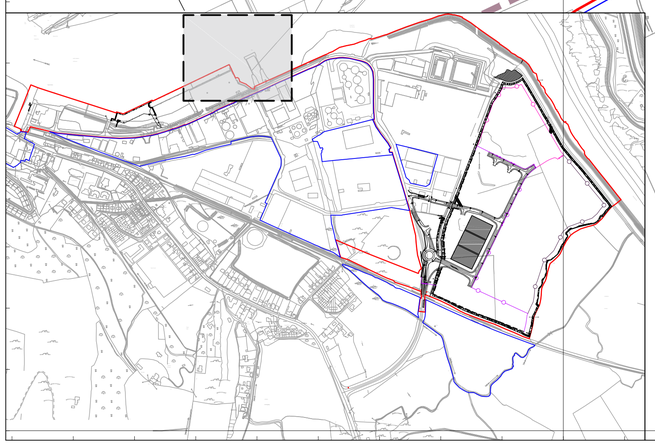
Port Road

Existing above ground pipework

Phase 1 of
LOCC Planning permission 12/212
Completed

No Works Proposed

WB



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4. DATUM: Ordnance Datum Malin

5. Map Series

1:2500

4794-D
REVISION DATE = 01-Nov-2005
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LEVELLED DATE = 31-Dec-1977

4795-A
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LEVELLED DATE = 31-Dec-1981

4858-B
REVISION DATE = 14-Oct-2009
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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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

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 3

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number
M0679-RPS-00-PL-DR-C-0113

Rev -

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

525500.00 525600.00 525700.00

651900.00 651800.00 651700.00

+2.89m

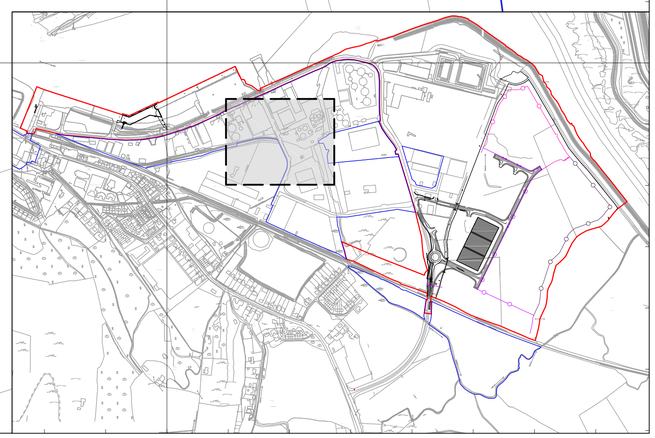
WB

Tank

Tanks

Area outside of
Planning Application Boundary

No Works
Proposed



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NOTES

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4. DATUM: Ordnance Datum Malin

5. 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
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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 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number
M0679-RPS-00-PL-DR-C-0114

Rev -

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

525500.00 525600.00 525700.00

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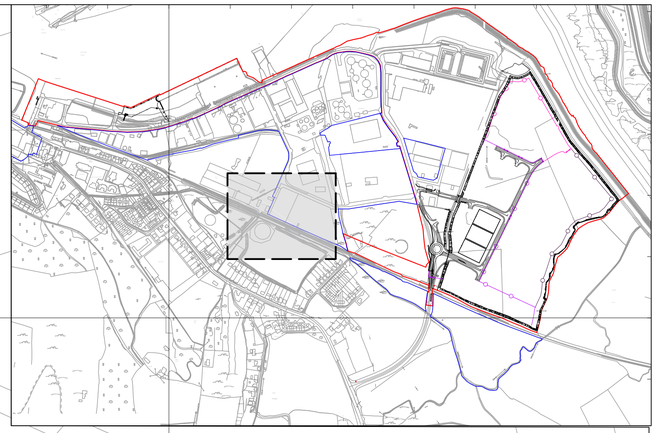

WB

Level Crossing

Signal Post

Port Road

Existing Road

Existing Railway Line

No Works Proposed

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4. DATUM: Ordnance Datum Malin

5. Map Series

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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 Layout Plan
Sheet 5

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number: M0679-RPS-00-PL-DR-C-0115
Rev -

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

525700.00 525800.00 525900.00 526000.00

652100.00

652000.00

LWM

Durnish Point

Rinn Dhairinse

HMW

Existing Revetment

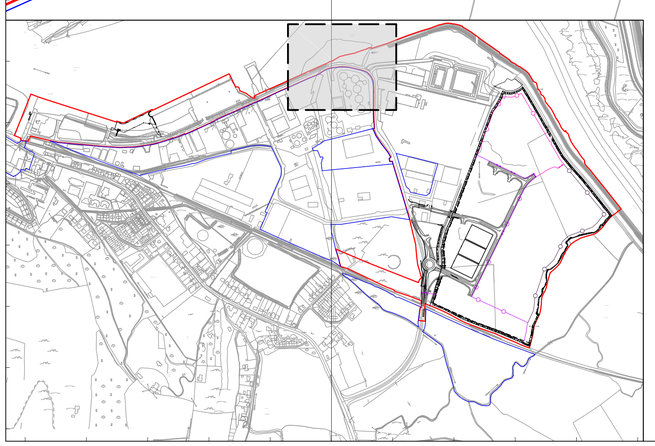
Port Road

Port Road

Gantry

Fuel Storage Depot

Tank



No Works Proposed

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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 Layout Plan
Sheet 6

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

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

525800.00 525900.00 526000.00 526100.00

651900.00 651800.00 651700.00

Fuel Storage Depot

Tank

Port Road

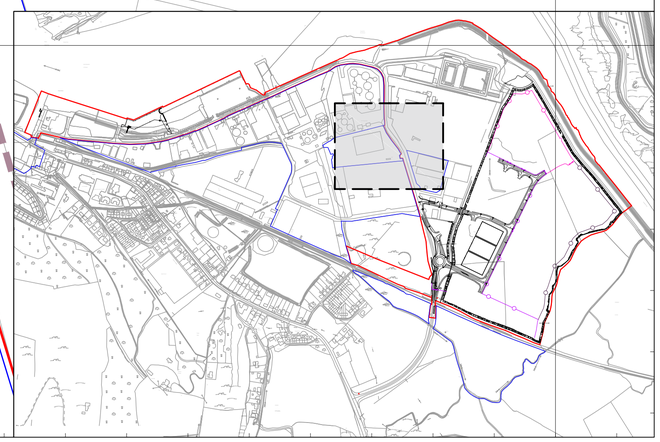
Area outside of
Planning Application Boundary

WB

Area outside of
Planning Application Boundary

Port Road

No Works
Proposed



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5. Map Series

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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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6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
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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 7

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

Rev -

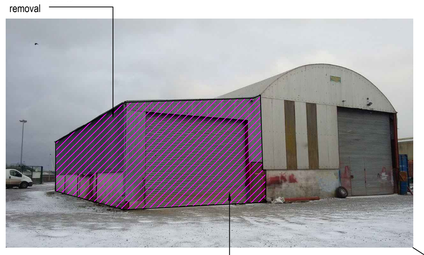
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.

525800.00 525900.00 526000.00 526100.00

651600.00 651500.00 651400.00

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 Intergrated 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



Lean-to Dimensions: 6.9mtr wide by 19.3mtr long.

Lean-to construction: Steel frame with single skin steel corrugated sheeting.

Refer to M0679-RPS-00-PL-DR-C-0166 and 167 for lean to details

Area outside of Planning Application Boundary

Proposed Footpath to tie into existing grass verge

8419

13224

Existing 'Foynes Engineering' lean to demolished

Existing 'Foynes Engineering' building

8m High street lighting column with lamp

Port Road

MH30

Dia: 250m Concrete P

Area outside of Planning Application Boundary

Spring

Level Crossing

Existing roadway realigned to allow access to Durnish Lands

Reinforced concrete retaining structure to facilitate roundabout

12080

Proposed new roundabout and approach lanes

36638

PHAS STORAG ST

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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

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Client
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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: M0679-RPS-00-PL-DR-C-0118
Rev -

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

525800.00 525900.00 526000.00 526100.00

651300.00 651200.00 651100.00

Area outside of
Planning Application Boundary

230

9828

Dia. 150mm uPVC/RE Pipe

Reinforced concrete retaining structure to facilitate roadworks

Port Security Kiosk with Access Barriers

MH

Existing access retained

Security gate

Proposed ESB Substation

Site Notice. Location 2

Site Notice. Location 3

Existing railway line retained insitu and unaffected by proposed works

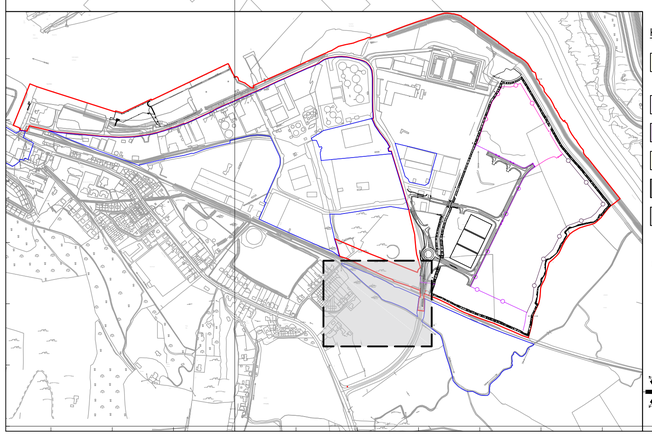
Existing Railway Line

Port Road

Existing access retained

Existing access retained

CS



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 Intergrated 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

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5. Map Series

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6. Projection: IRENET95 /Irish Transverse Mercator

Key:

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- Proposed Development Area
- Site Notice (4Nr in total)
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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

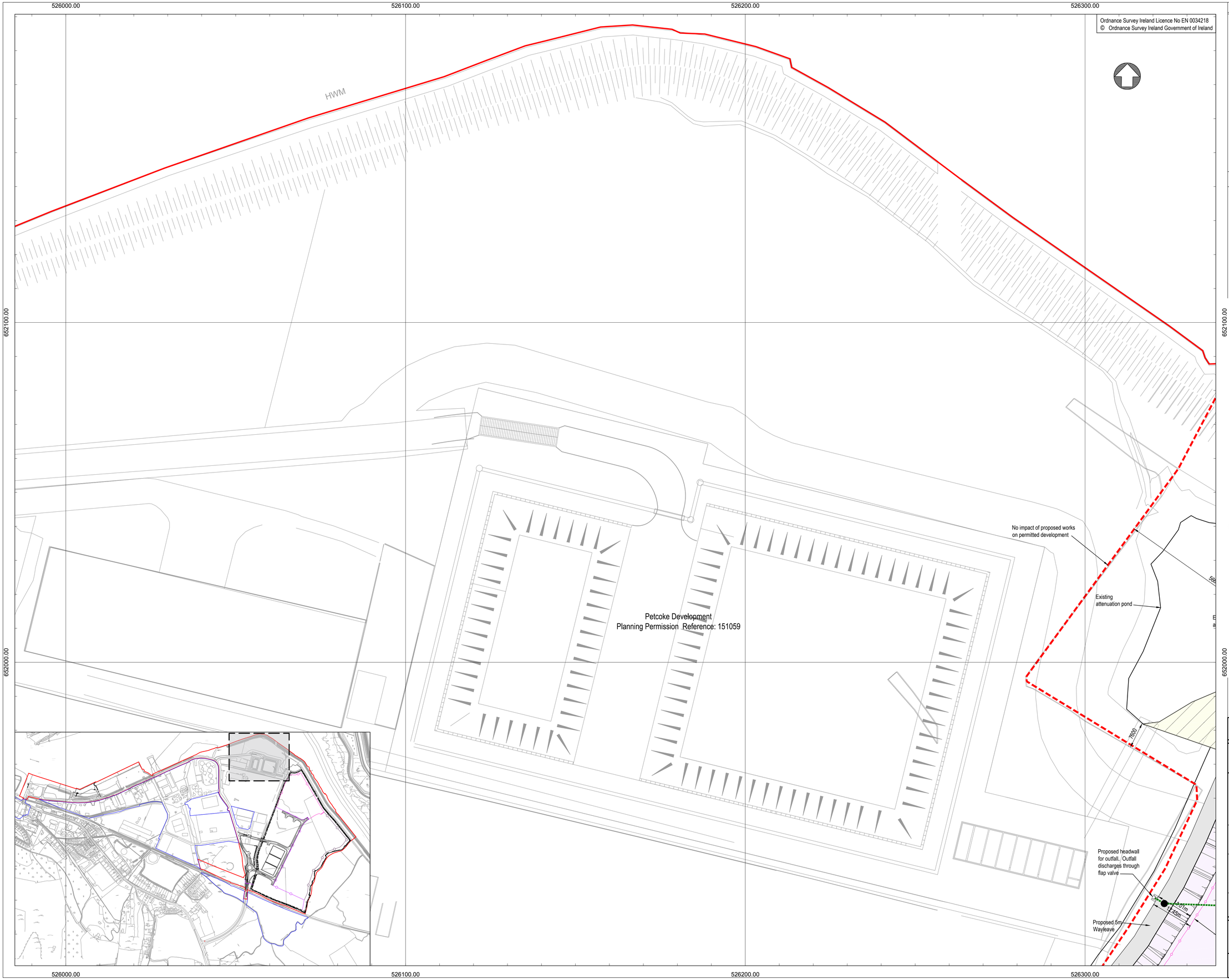
Title
Proposed Site Layout Plan Sheet 9

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

Rev -

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



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1:2500

4794-D
REVISION DATE = 01-Nov-2005
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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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

4858
REVISION DATE = 14-Oct-2009
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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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

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.

526200.00 526300.00 526400.00

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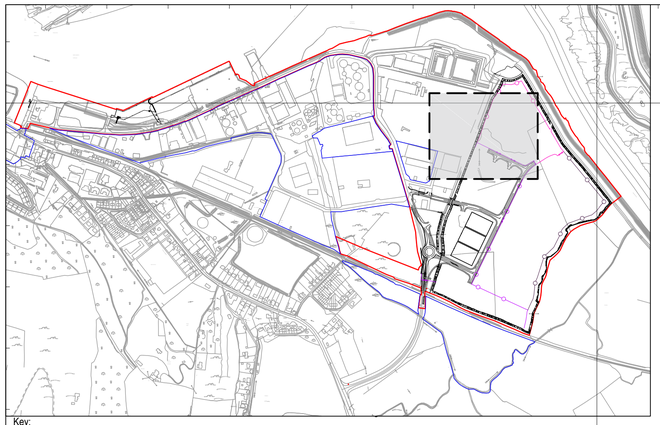

Key:

- 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 Intergrated 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

fencing
Proposed 5m Wide wayleave
Dia: 250mm uPVC Perforated Pipe
Dia: 250mm Concrete Pipe
Slope 1:2
OPW drainage channel and 5m wayleave
PHASE1B SERVICED LAND (LAND RAISING AND INFRASTRUCTURE)
Proposed headwall for outfall. Outfall discharges through flap valve
MH49
2.4m High Security fencing
MH60
Dia: 250mm uPVC Perforated Pipe
2.4m High Security fencing stops
Dia: 250mm Concrete Pipe
MH56
55136
4m High Noise barrier begins
1400
8400
Phase 1A Security gate
Dia: 250mm uPVC Perforated Pipe
Dia: 250mm Concrete Pipe
Proposed carriageway access road
Phase 1A Security gate
MH59
Proposed 30m high lighting mast. Lighting mast sits on 1m high concrete base
183274
3000
4800
14400
Phase 1 Security
MH54
Interceptor 05
Indicative Future Access
Dia: 250mm Concrete Pipe
PHASE1A OPEN STORAGE /CONTAINER STORAGE
Proposed HGV turning circle and unloading bay
8m High street lighting column with lamp
MH52
MH53
Proposed 5m Wide wayleave
4m High Noise barrier
Dia: 250mm Concrete Pipe

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NOTES

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4. DATUM: Ordnance Datum Malin
5. Map Series

Map Series 1:2500	Map Series 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 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	
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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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W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

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.

526100.00 526200.00 526300.00 526400.00

651600.00 651500.00 651400.00

PHASE1A OPEN STORAGE /CONTAINER STORAGE

PHASE1C SERVICED LAND (LAND RAISING AND INFRASTRUCTURE)

Proposed Storage Warehouse 1

Proposed Storage Warehouse 2

Proposed Storage Warehouse 3

Quarry

Proposed headwall for outfall. Outfall discharges through flap valve

Proposed 5m Wide wayleave

OPW drainage channel and 5m wayleave

MH148

Slope 1:2

Proposed sloped access to wayleave

Dia: 250mm uPVC Perforated Pipe

4m High Noise barrier

MH44

Dia: 250mm Concrete Pipe

Proposed drainage channel crossing structure

MH124

MH45

Dia: 250mm uPVC Perforated Pipe

Security gate to restrict access

MH126

171418

Proposed carriageway access road

Proposed cycle parking

MH43

Existing crossing retained for OPW access. Security gate installed to restrict access

Interceptor 03

MH31

5m Wide wayleave

Proposed headwall for outfall. Outfall discharges through flap valve

Proposed 30m high lighting mast. Lighting mast sits on 1m high concrete base

MH29

MH28

MH147

MH117

MH121

Foul Nework MH1

Dia: 225mm uPVC Foul Sewer

Dia: 300mm uPVC Perforated Pipe

2500

51075

76715

14000

8000

3000

MH41

MH123

Interceptor 04

MH38

MH39

MH40

MH37

8m High street lighting column with lamp

Phase 1A Security gate

Phase 1A perimeter security fencing

Dia: 250mm Concrete Pipe

Dia: 240mm Concrete Pipe

Dia: 300mm uPVC Perforated Pipe

Dia: 250mm uPVC Perforated Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm uPVC Perforated Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm Concrete Pipe

Dia: 250mm uPVC Perforated Pipe

Dia: 250mm uPVC Perforated Pipe

Dia: 250mm uPVC Perforated

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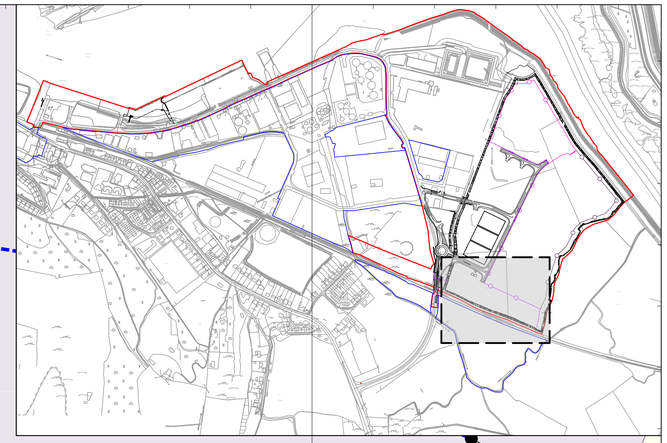

PHASE1C SERVICED LAND
(LAND RAISING AND
INFRASTRUCTURE)

PHASE1A OPEN
STORAGE /CONTAINER
STORAGE

Area outside of
Planning Application Boundary

Existing Railway Line

Spring

Package treatment Plant as Kingspan Klargester BE or similar model

60m² stratified sand polishing filter as per EPA CoP Fig 8.5

Proposed drainage channel crossing structure

Proposed 4m Wide wayleave

Proposed headwall for outfall. Outfall discharges through flap valve

OPW drainage channel and 5m wayleave

Indicative pumping house

2Nr. 4.3m Dia x 2m high water storage tanks for fire fighting

Proposed carriageway access road

Phase 1A perimeter security fencing

4m High Noise barrier

Proposed 30m high lighting mast. Lighting mast sits on 1m high concrete base

Phase 1C 2.4m High Security fencing

2.4m High Security fencing stops

Landscaping. Refer to planting drawings for details

4m High Noise barrier begins

Interceptor 01

Interceptor 02

MH01 MH02 MH03 MH04 MH05 MH06 MH08 MH110 MH111 MH115 MH12 MH13 MH14 MH15 MH17 MH19 MH20 MH21 MH146

Dia: 150mm uPVC/PE Pipe

Dia: 225mm uPVC/PE Pipe

Dia: 250mm uPVC Perforated Pipe

Dia: 250mm Concrete Pipe

Slope 1:2

10457 8451 4 12507 12849 12553 22875 202430

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 Intergrated 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

Water Storage Tank for fire fighting. Exact location and size of storage tanks to be agreed at detailed design stage with Limerick Fire and Rescue Service

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NOTES

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4. DATUM: Ordnance Datum Malin

5. Map Series

Map Series 1:2500	Map Series 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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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

Client
Shannon Foynes Port Company

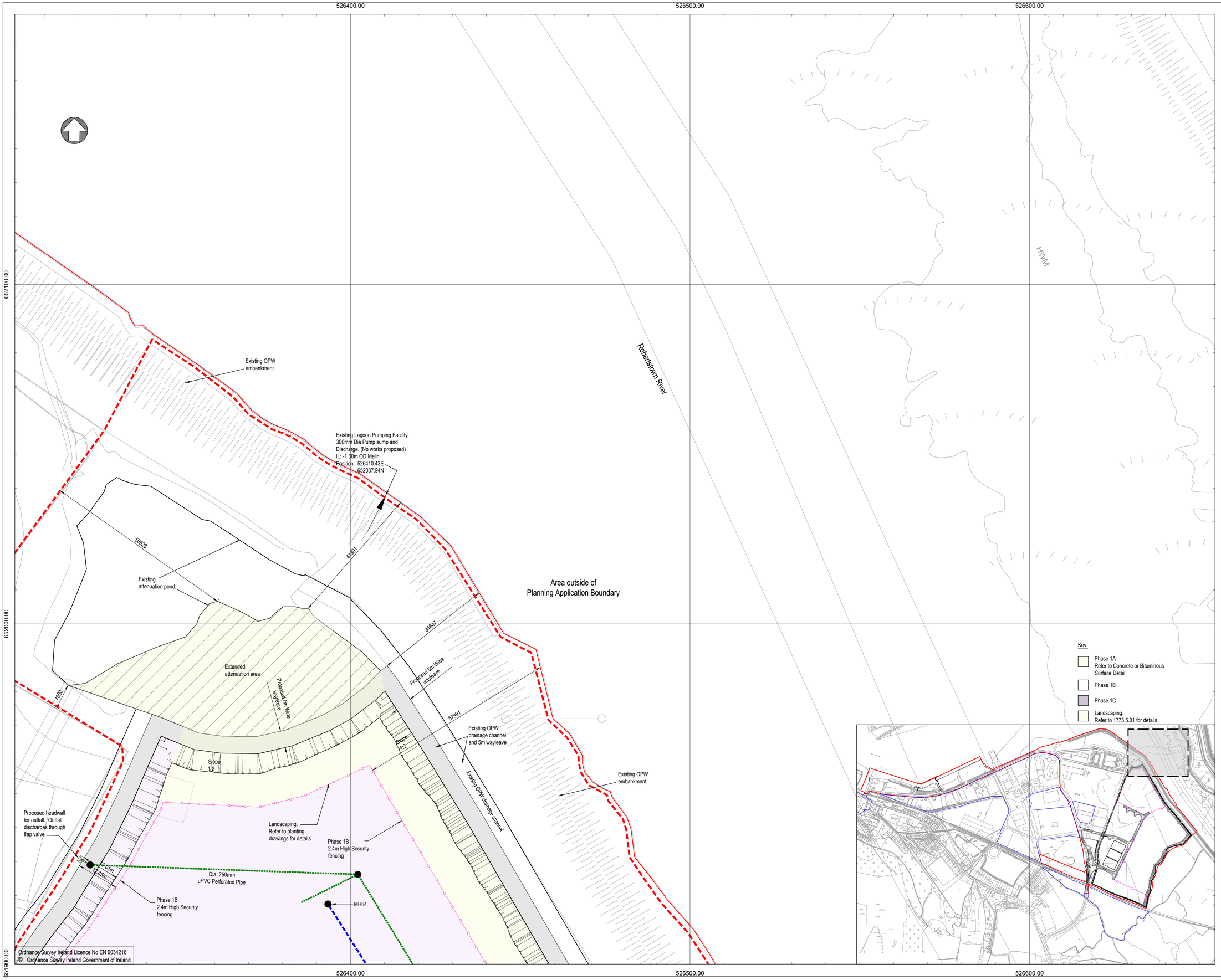
Project
Capacity Extension at Shannon Foynes

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.



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4. DATUM: Ordnance Datum Malin

5. Map Series

1:2500

4794-D
REVISION DATE = 01-Nov-2005
SURVEY DATE = 01-Feb-1995
LEVELLED DATE = 31-Dec-1977

4795-A
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4858-A
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SURVEY DATE = 02-Jan-1995
LEVELLED DATE = 31-Dec-1981

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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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

4858
REVISION DATE = 14-Oct-2009
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
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- National Road
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- 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 14

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

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

526500.00 526600.00 526700.00

651900.00 651800.00 651700.00

Pond

Robertstown River

HWM

Slope 1:2

Slope 1:2

Existing OPW drainage channel

Existing OPW embankment

Proposed 5m Wide wayleave

Access up and over landscape berm for OPW access to wayleave

Security gate to restrict access

Phase 1B 2.4m High Security fencing

Dia: 250mm uPVC Perforated Pipe

Dia: 250mm Concrete Pipe

Interceptor 06

MH62

Landscaping. Refer to planting drawings for details

Phase 1B Security gate

MH93

MH95

Phase 1A Security gate

Phase 1B perimeter security fencing

Phase 1A perimeter security fencing

Phase 1C 2.4m High Security fencing

PHASE1C SERVICED LAND
(LAND RAISING AND
INFRASTRUCTURE)

Area outside of
Planning Application Boundary

54187

42515

36723

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 Intergrated 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
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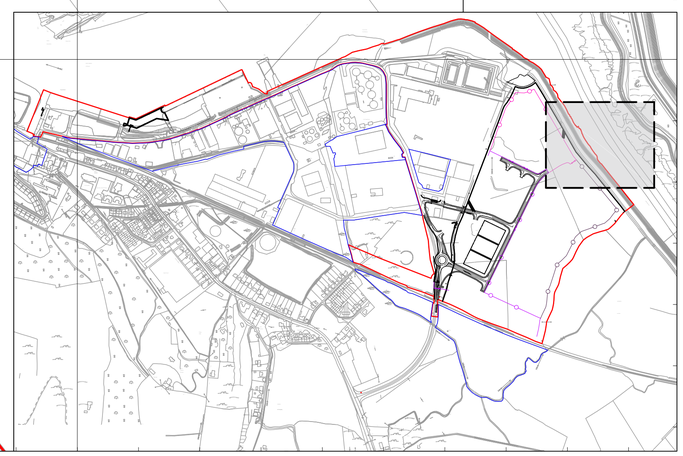

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5. Map Series

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6. Projection: IRENET95 /Irish Transverse Mercator

Key:

- Planning Boundary
- Land in ownership of Applicant but not forming part of application
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- Site Notice (4Nr in total)
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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: M0679-RPS-00-PL-DR-C-0125

Rev -

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

526500.00 526600.00 526700.00

651600.00 651500.00 651400.00

Dia: 250mm Concrete Pipe

MH51

Dia: 250mm Concrete Pipe

Dia: 250mm Concrete Pipe

Phase 1C
2.4m High
Security fencing

MH92

Dia: 250mm Concrete Pipe

MH91

Landscaping.
Refer to planting
drawings for details

Existing OPW drainage channel

Proposed 5m Wide
anyleve

Existing OPW
embankment

51807

41866

36060

Robertstown River

PHASE1C SERVICED LAND
(LAND RAISING AND
INFRASTRUCTURE)

Dia: 250mm Concrete Pipe

MH49

MH50

Dia: 250mm Concrete Pipe

Phase 1C
2.4m High
Security fencing

Dia: 250mm Concrete Pipe

MH48

1:2 Slope

Area outside of
Planning Application Boundary

Landscaping.
Refer to planting
drawings for details

MH35

Dia: 250mm Concrete Pipe

MH36

22180

7872

1:2 Slope

MH34

Dia: 250mm Concrete Pipe

Area outside of
Planning Application Boundary

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NOTES

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4. DATUM: Ordnance Datum Malin

5. 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 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	

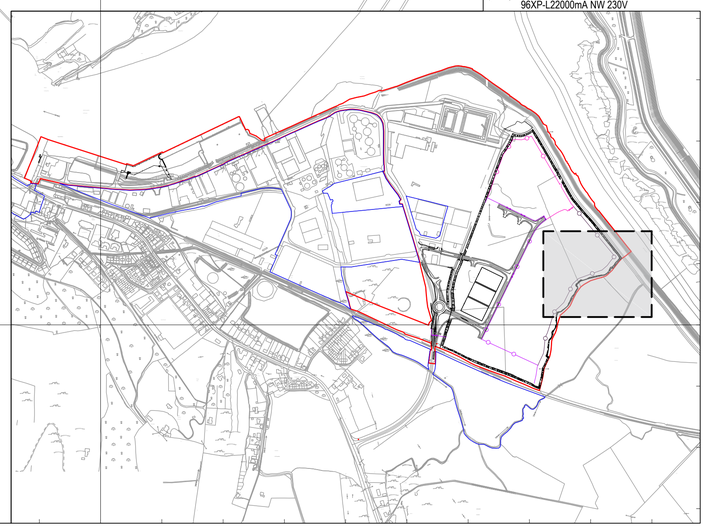
6. Projection: IRENET95 /Irish Transverse Mercator

Key:

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 Intergrated 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

- 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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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
M0679-RPS-00-PL-DR-C-0126

Rev -

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

526500.00 526600.00 526700.00 526800.00

651300.00

651200.00

Phase 1C
2.4m High
Security fencing

PHASE1C SERVICED LAND (LAND RAISING AND INFRASTRUCTURE)

Slope 1:2

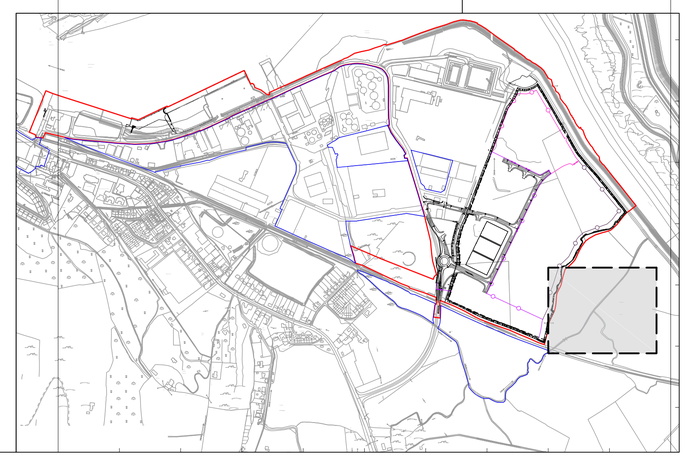
Landscaping.
Refer to planting drawings for details

24823
8168
6780
7749
22392
11862

Area outside of
Planning Application Boundary

ARDANEER

Ard Inbhir



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 Intergrated 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

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NOTES

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4. DATUM: Ordnance Datum Malin

5. Map Series

Map Series 1:2500	Map Series 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
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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-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

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Client
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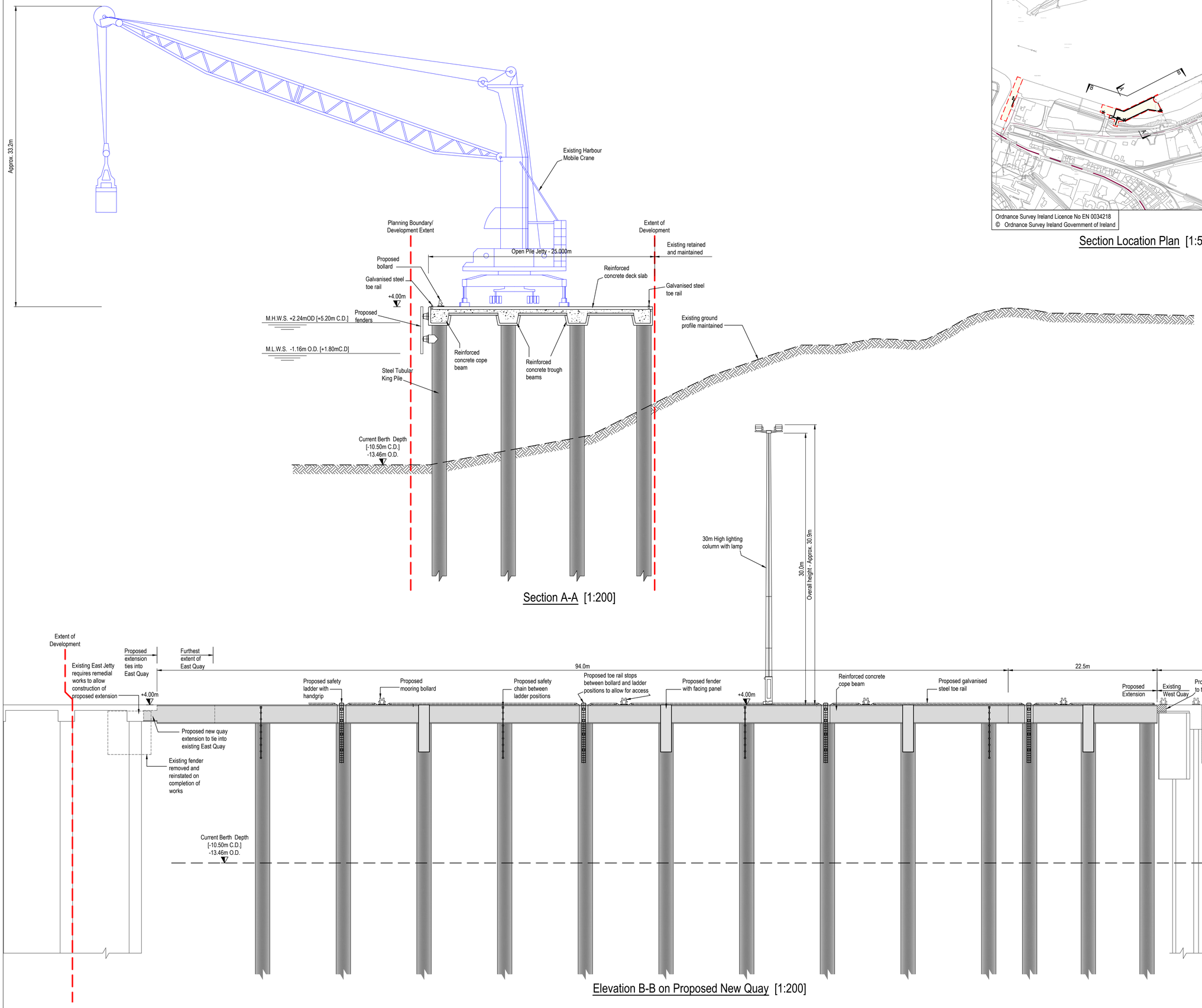
Project
Capacity Extension at Shannon Foynes

Title
Proposed Site Layout Plan
Sheet 17

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

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



Section A-A [1:200]

Elevation B-B on Proposed New Quay [1:200]

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Section Location Plan [1:5000]

NOTES

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4. DATUM: Ordnance Datum Malin

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Client
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Project
Capacity Extension at Shannon Foynes

Title
Jetty-Typical Section and Elevation

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:200 U.N.O.

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0130	-

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



Section Location Plan [1:5000]

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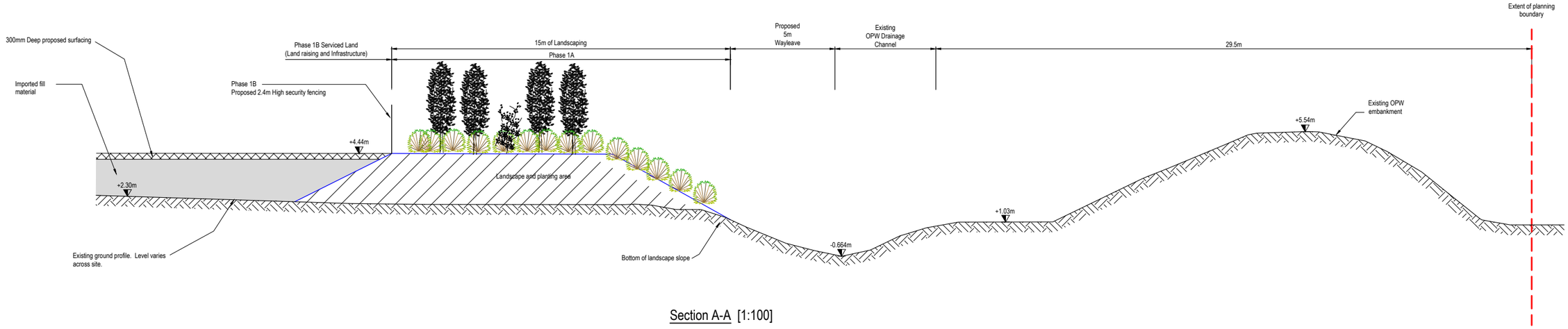
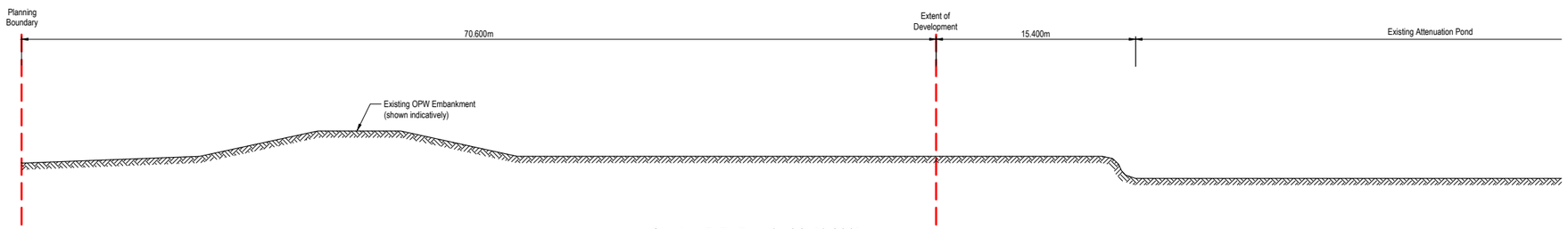
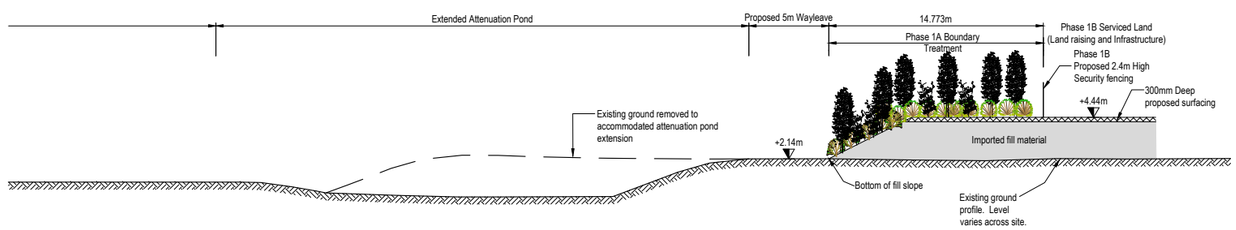


Section A-A [1:100]



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



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

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Project
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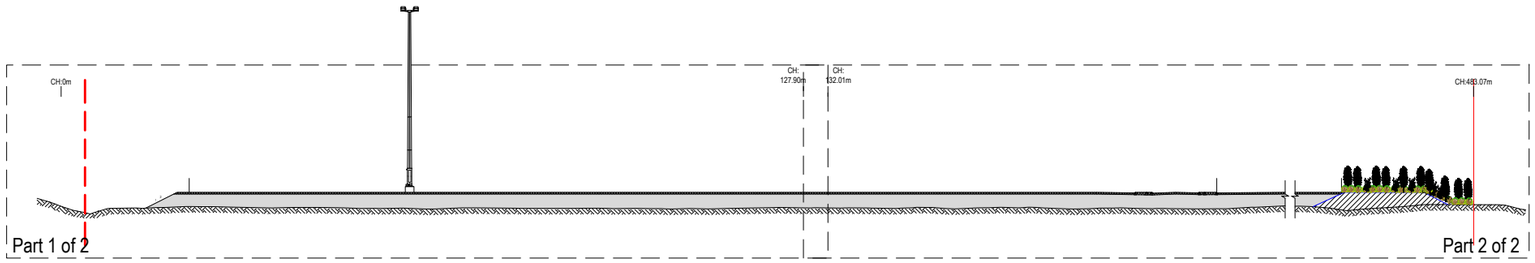
Title
Durnish Lands Typical Sections Sheet 1

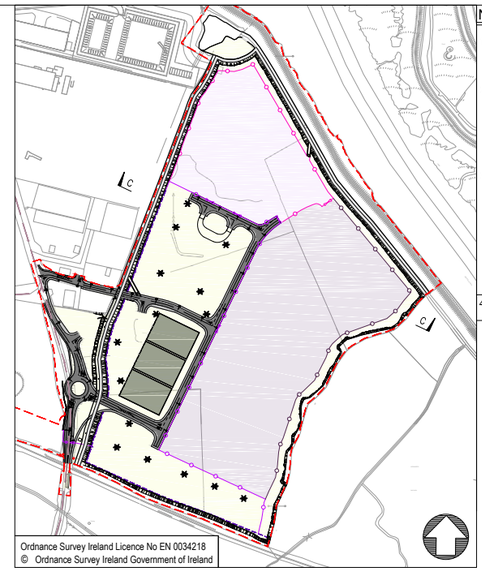
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As shown

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0131	-

Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.



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



Section Location Plan [1:5000]

NOTES

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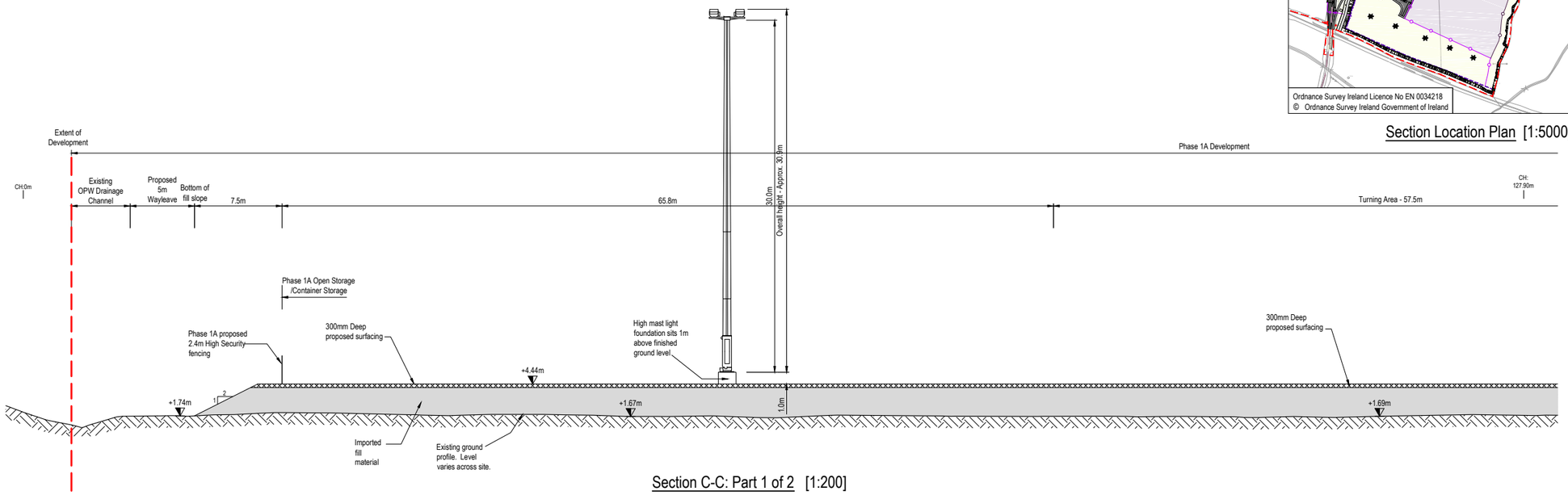
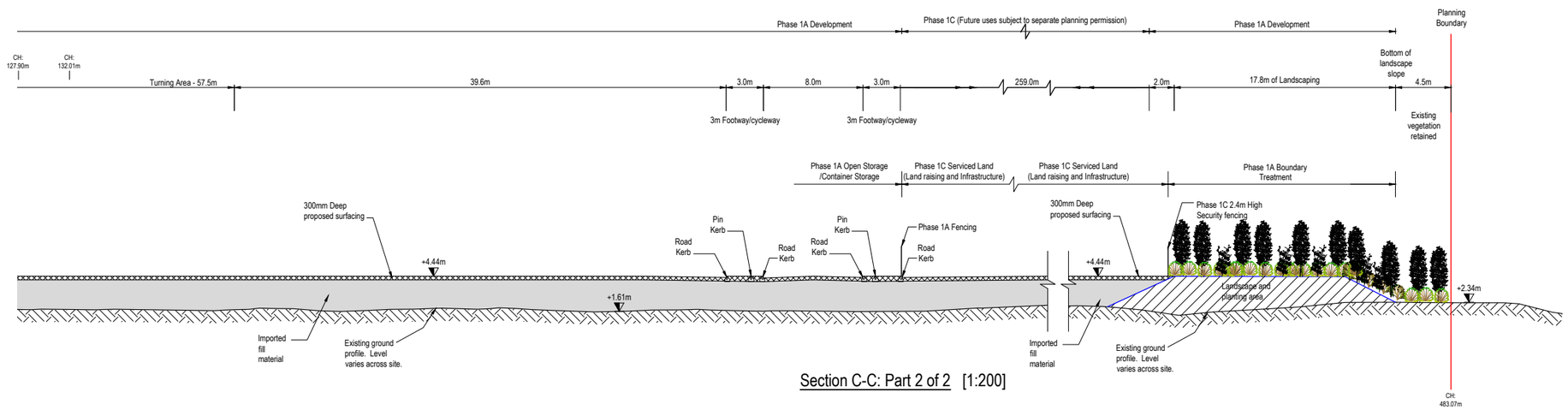


Section C-C: Part 1 of 2 [1:200]



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

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Project
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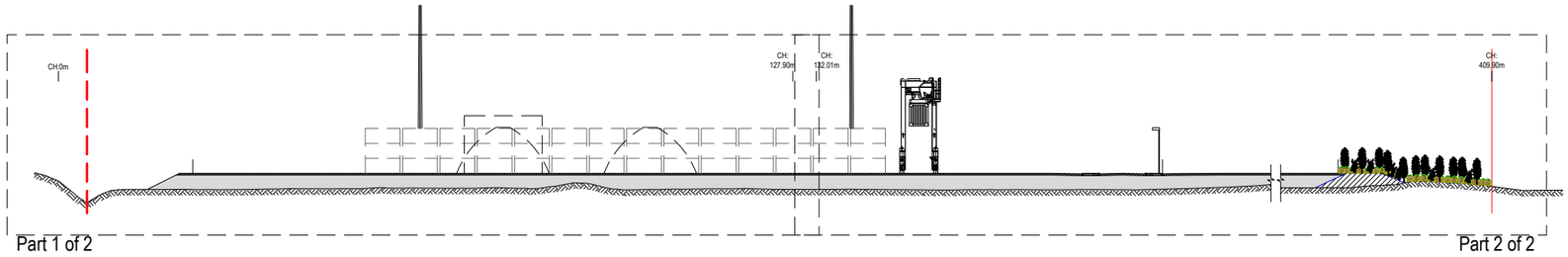
Title
Durnish Lands Typical Sections Sheet 2

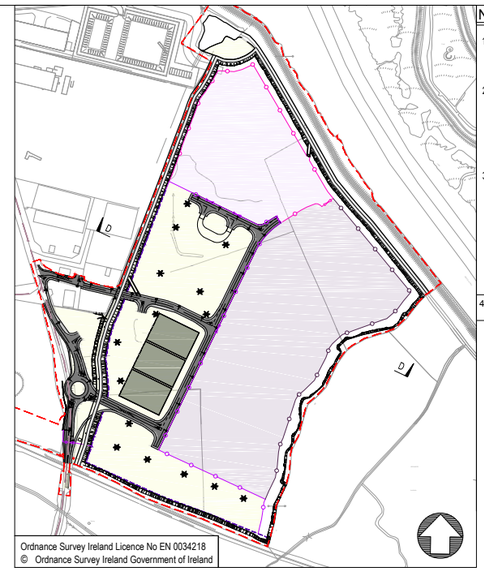
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number: M0679-RPS-00-PL-DR-C-0132
Rev -

Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.



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



Section Location Plan [1:5000]

NOTES

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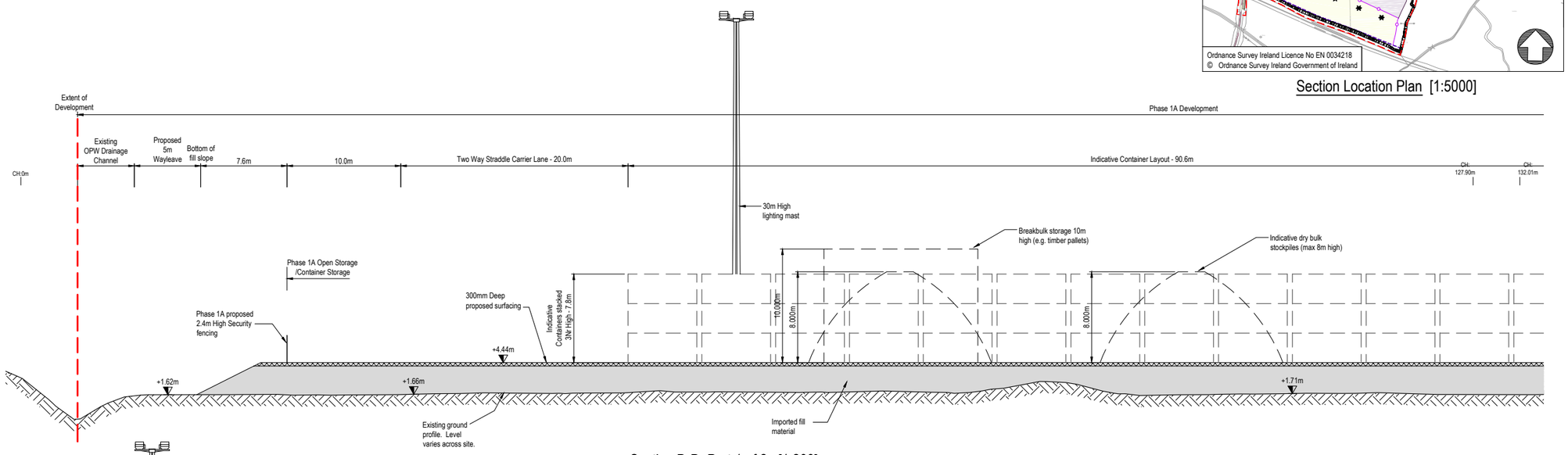
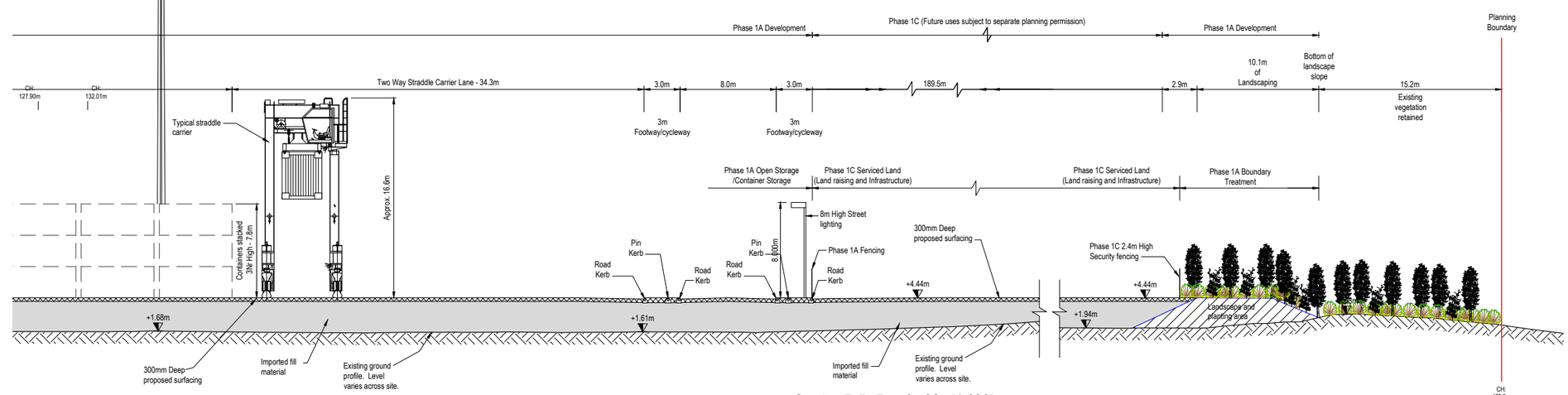
4. DATUM: Ordnance Datum Malin



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



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

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Project
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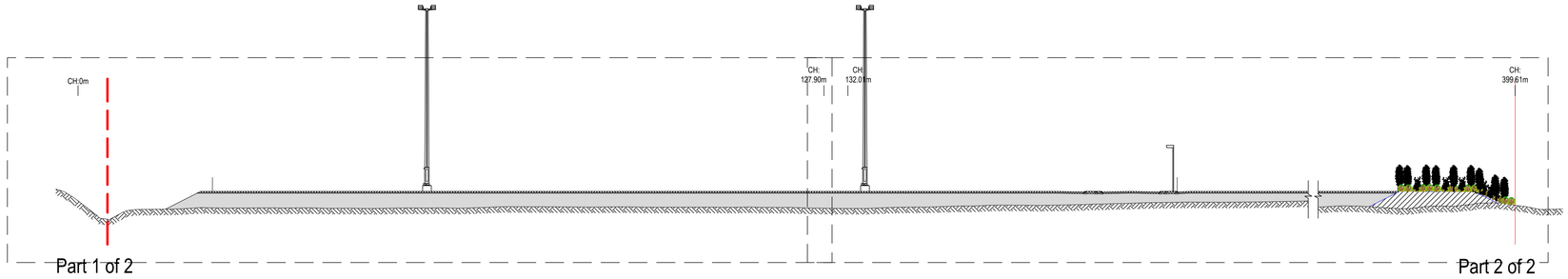
Title
Durnish Lands Typical Sections Sheet 3

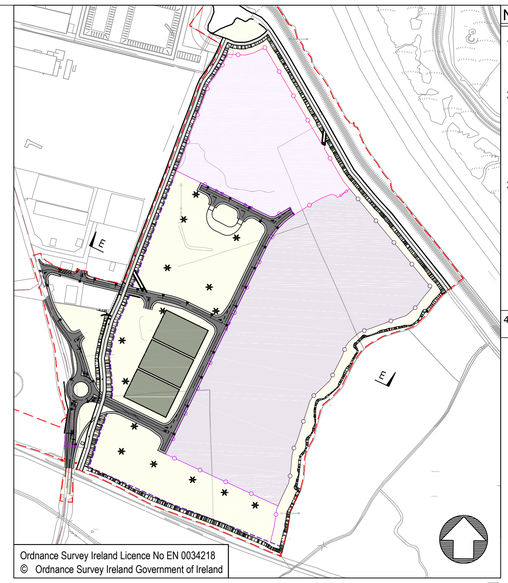
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number: M0679-RPS-00-PL-DR-C-0133
Rev -

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

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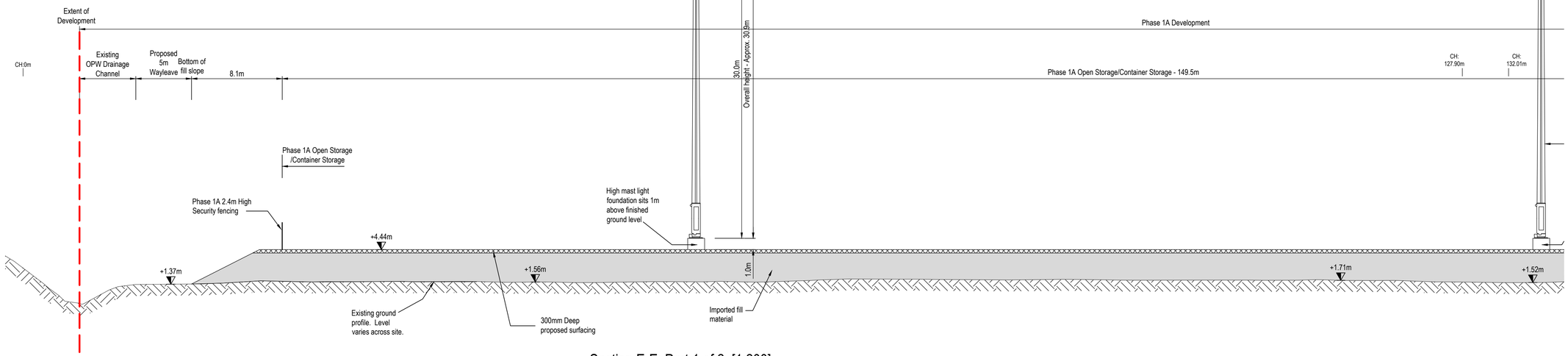
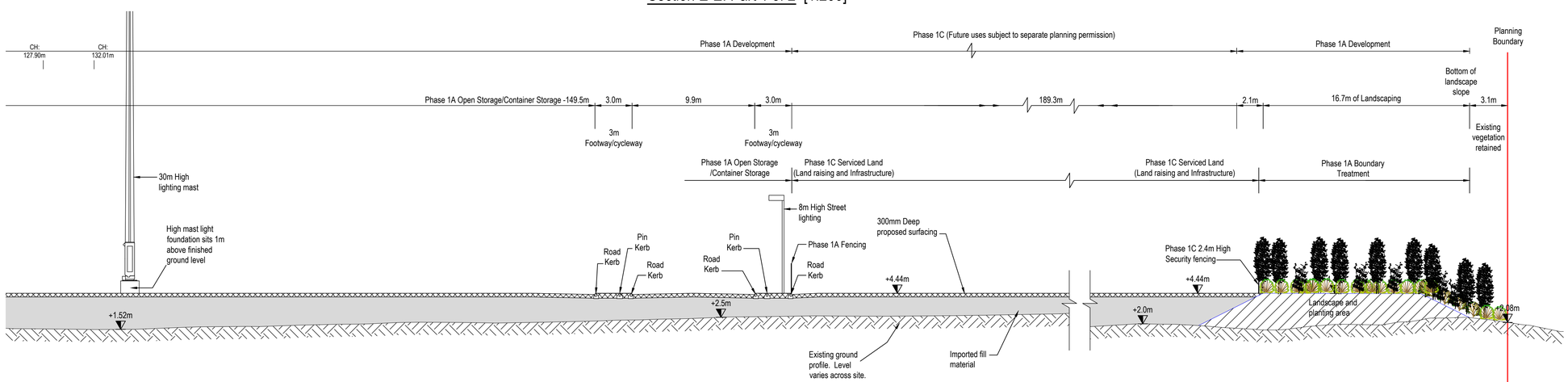


Section E-E: Part 1 of 2 [1:200]



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

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Project
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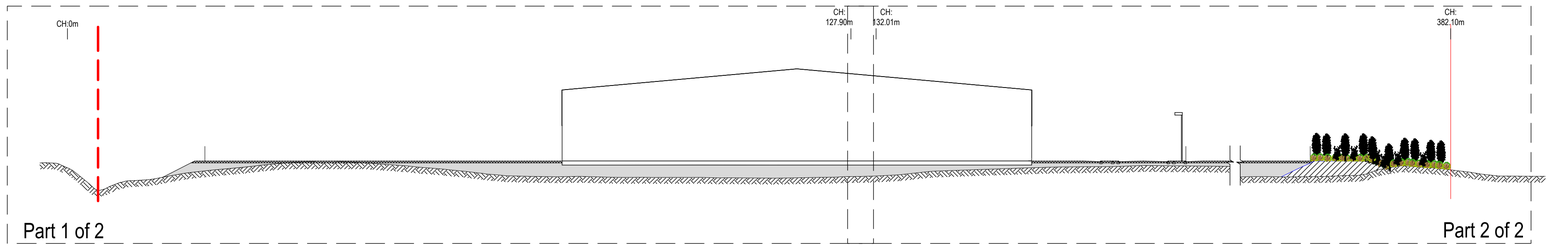
Title
Durnish Lands Typical Sections Sheet 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

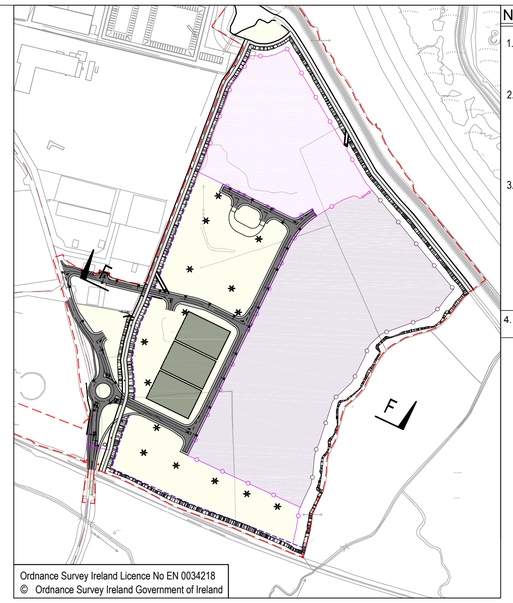
Drawing Number
M0679-RPS-00-PL-DR-C-0134

Rev -

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]

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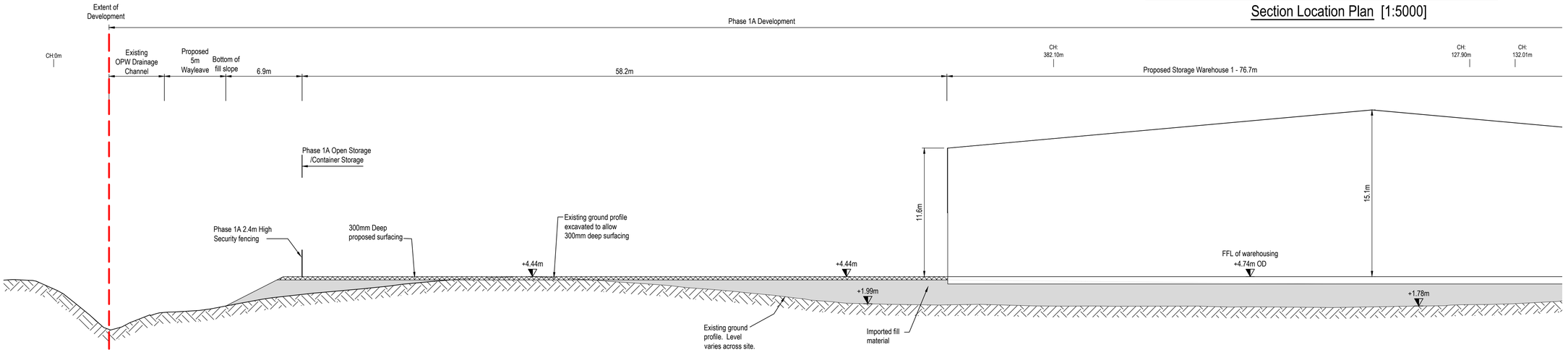
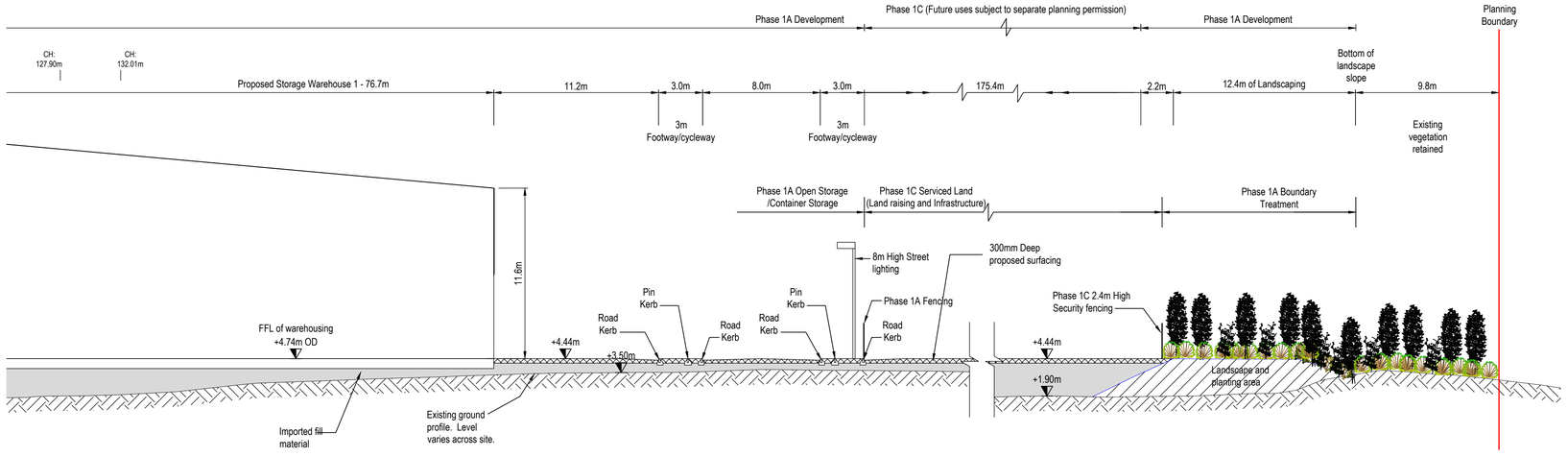
4. DATUM: Ordnance Datum Malin



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



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

rev	amendments	drawn	date

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Client
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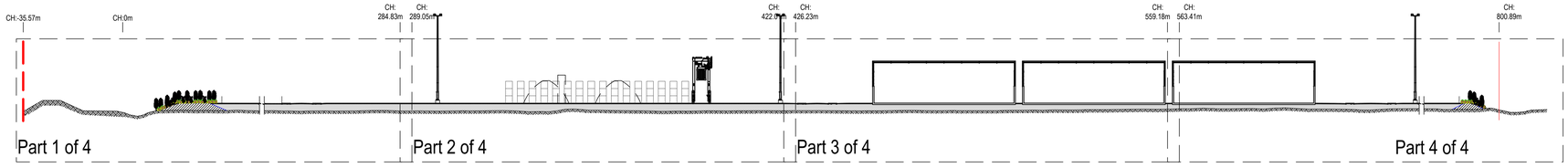
Project
Capacity Extension at Shannon Foynes

Title
Durnish Lands Typical Sections Sheet 5

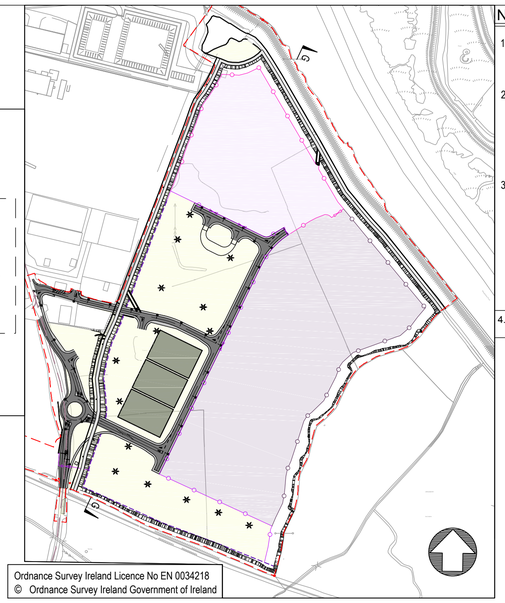
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number: M0679-RPS-00-PL-DR-C-0135
Rev -

Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.



Section G-G: Key Plan [1:1000]



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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.
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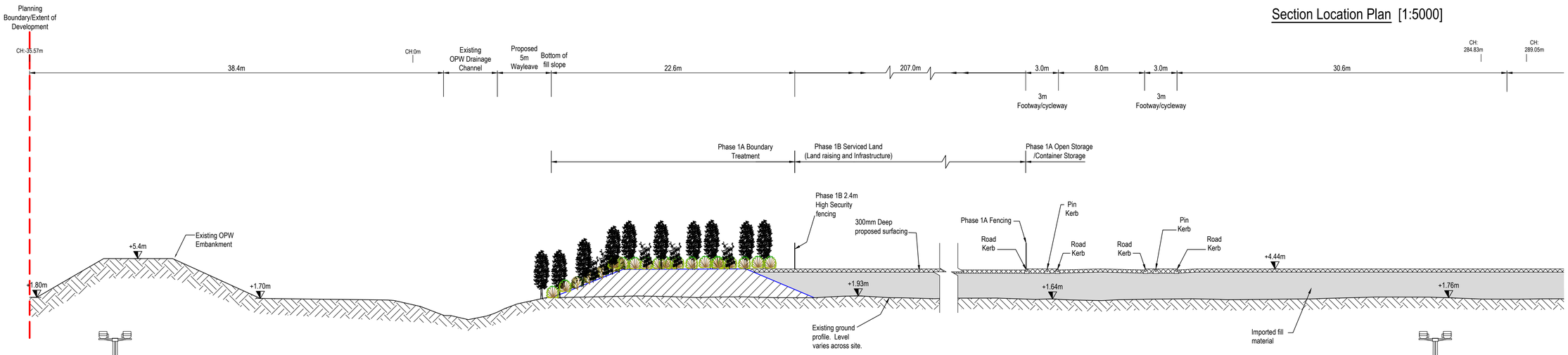
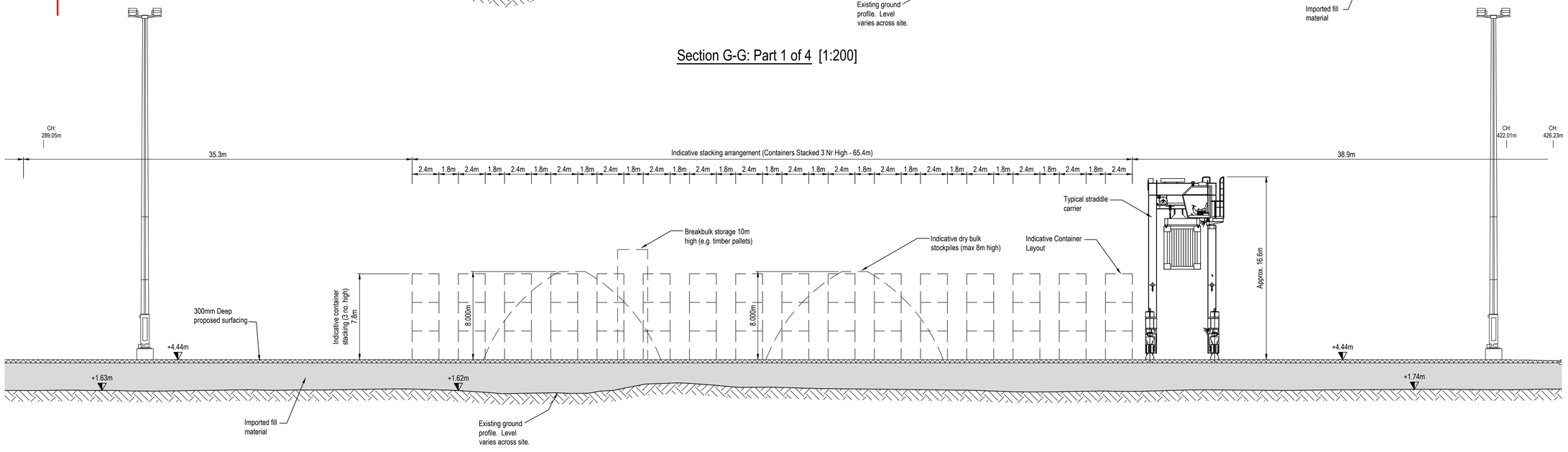
4. DATUM: Ordnance Datum Malin



Section G-G: Part 1 of 4 [1:200]



Section G-G: Part 2 of 4 [1:200]

rev	amendments	drawn	date

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Client
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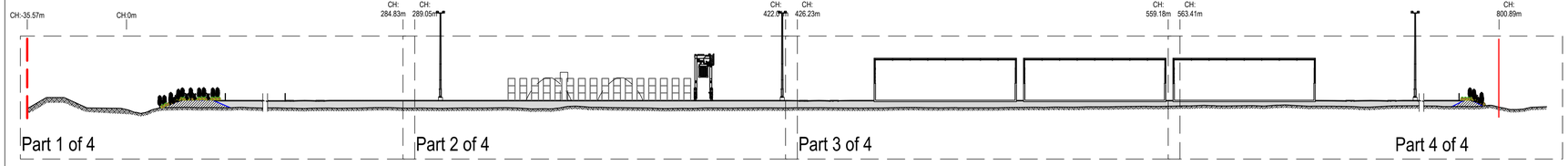
Project
Capacity Extension at Shannon Foynes

Title
Durnish Lands Typical Sections Sheet 6

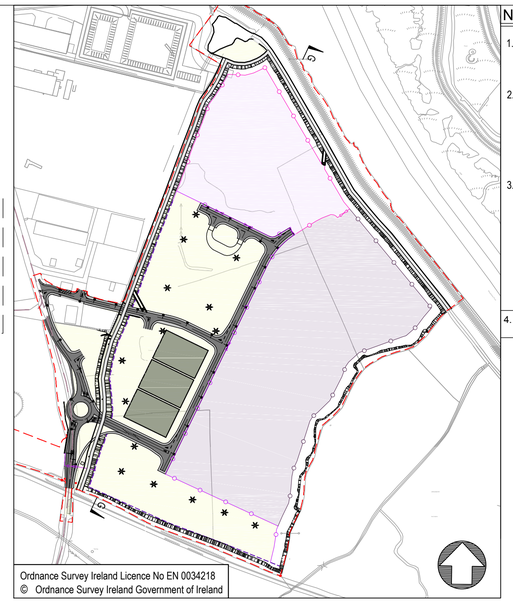
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number: M0679-RPS-00-PL-DR-C-0136 | Rev -

Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.



Section G-G: Key Plan [1:1000]



Section Location Plan [1:5000]

NOTES

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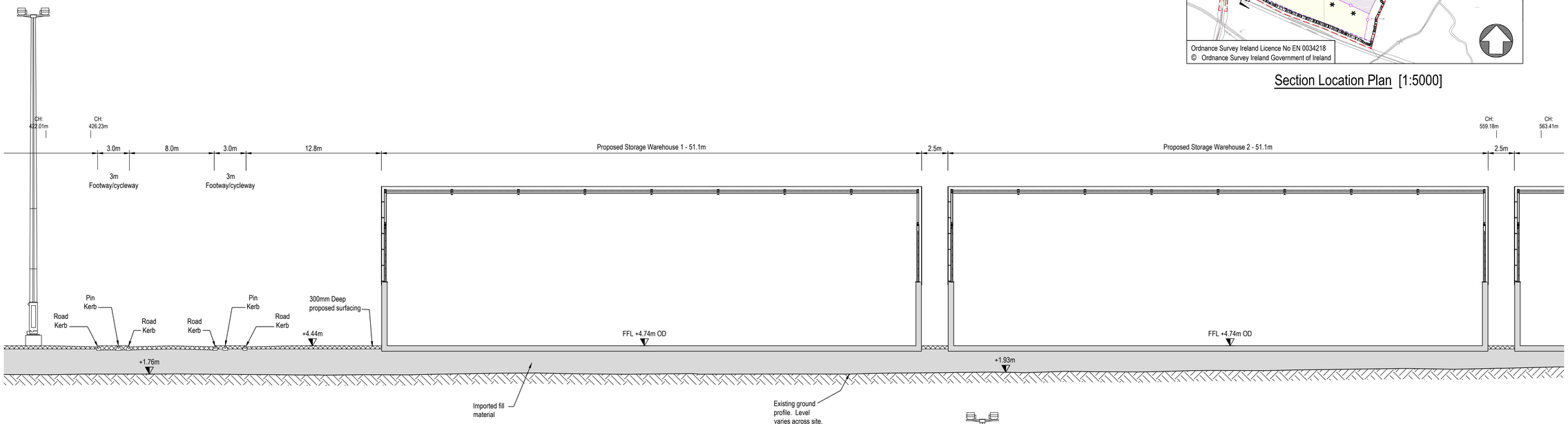
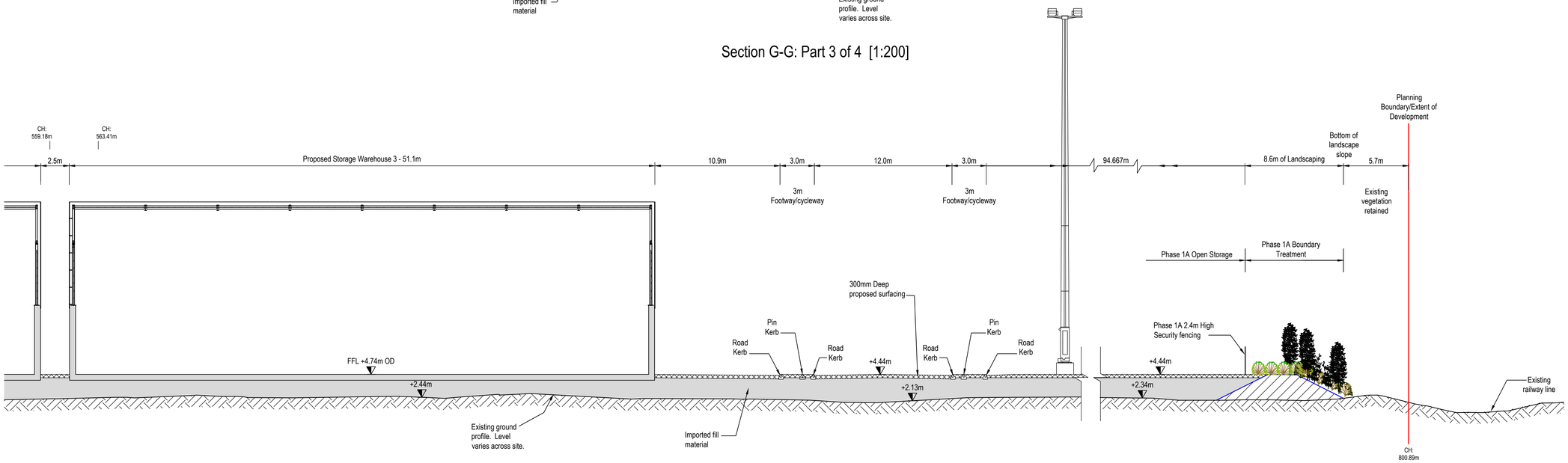
4. DATUM: Ordnance Datum Malin



Section G-G: Part 3 of 4 [1:200]



Section G-G: Part 4 of 4 [1:200]

rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

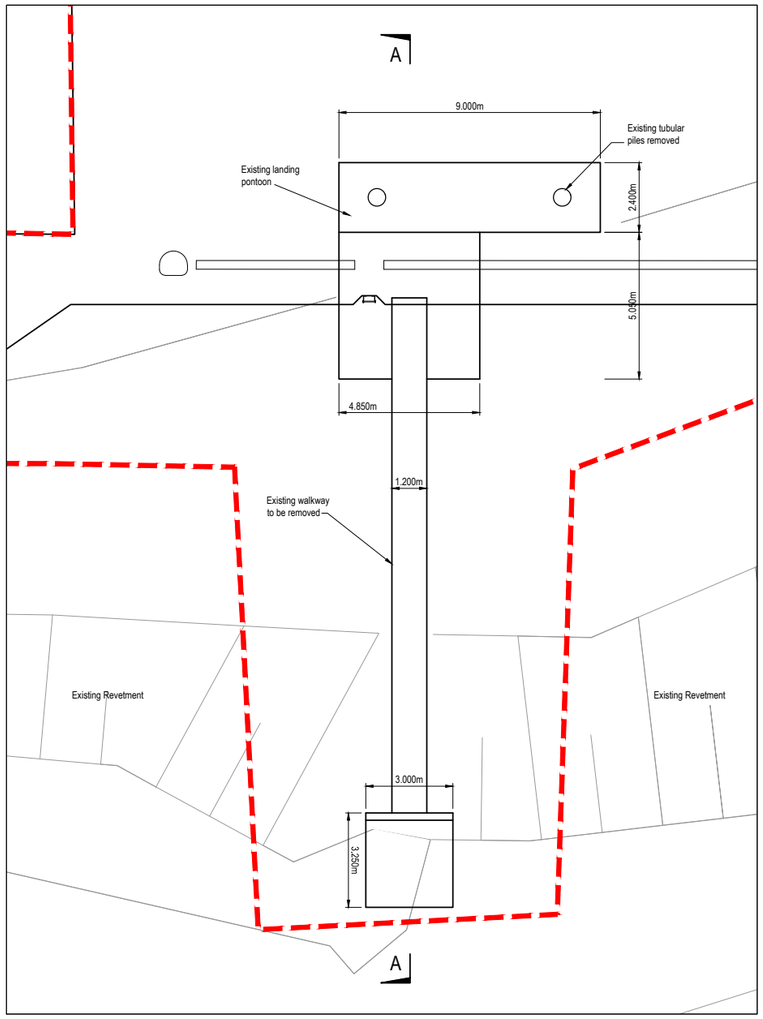
Project
Capacity Extension at Shannon Foynes

Title
Durnish Lands Typical Sections Sheet 7

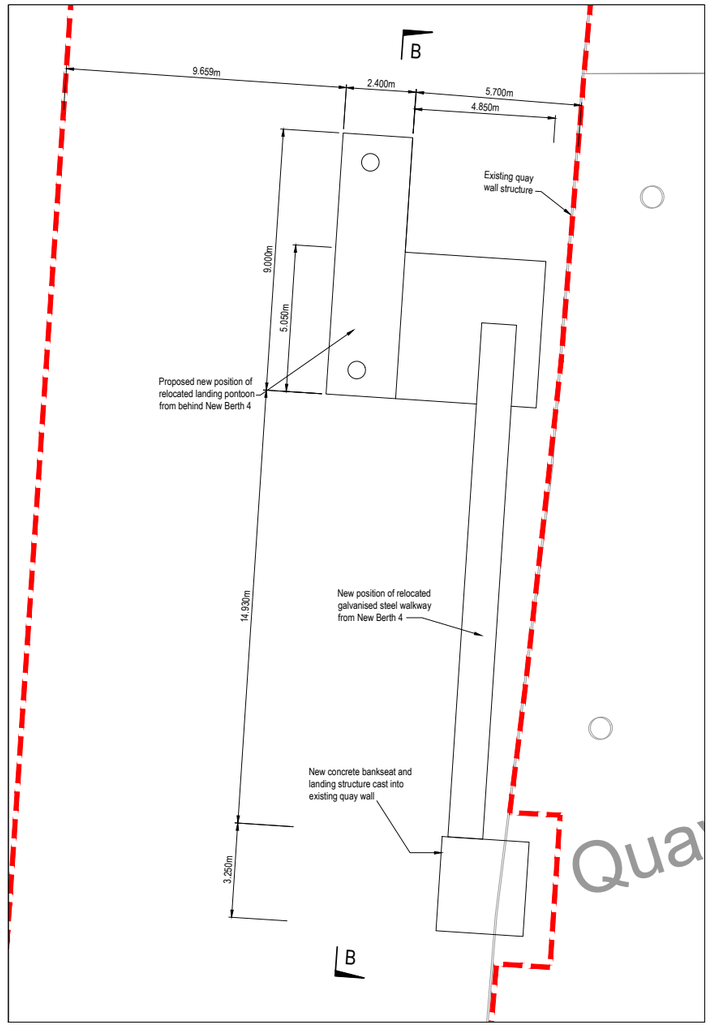
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number	Rev
M0679-RPS-00-PL-DR-C-0137	-

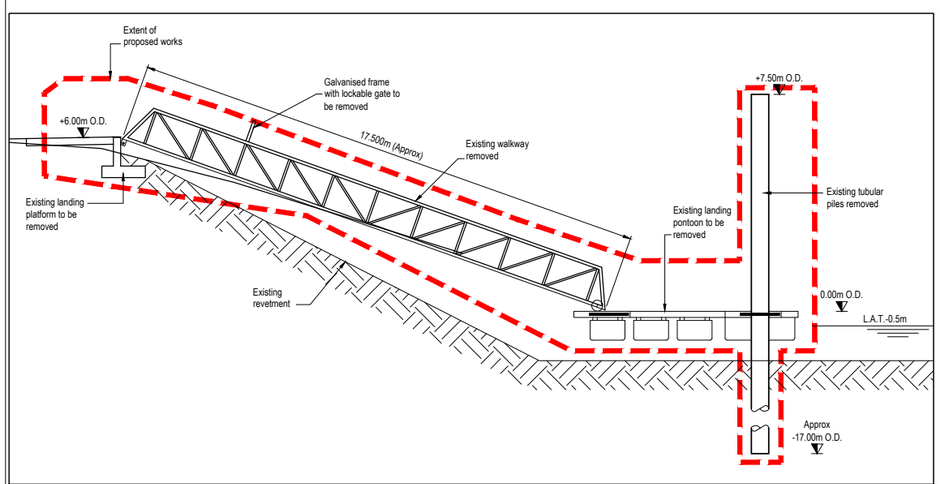
Project Leader	Drawn By	Date	Initial Review
S.H.	N.M.K.	02/03/2018	E.H.



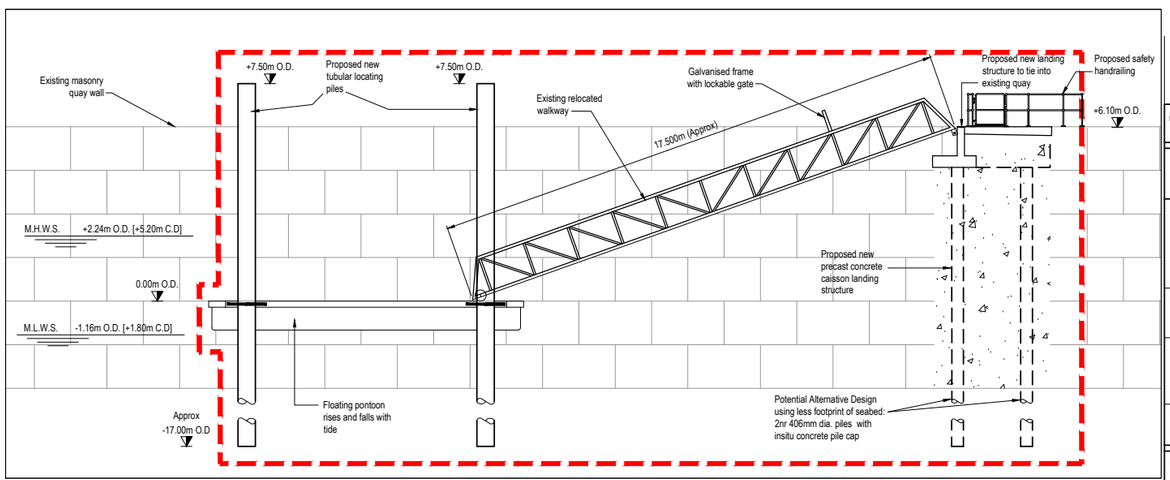
Existing Pontoon Plan [1:100]
(TO BE REMOVED)



Proposed Pontoon Plan [1:100]



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



Proposed Pontoon Section B-B [1:100]

NOTES

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

rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

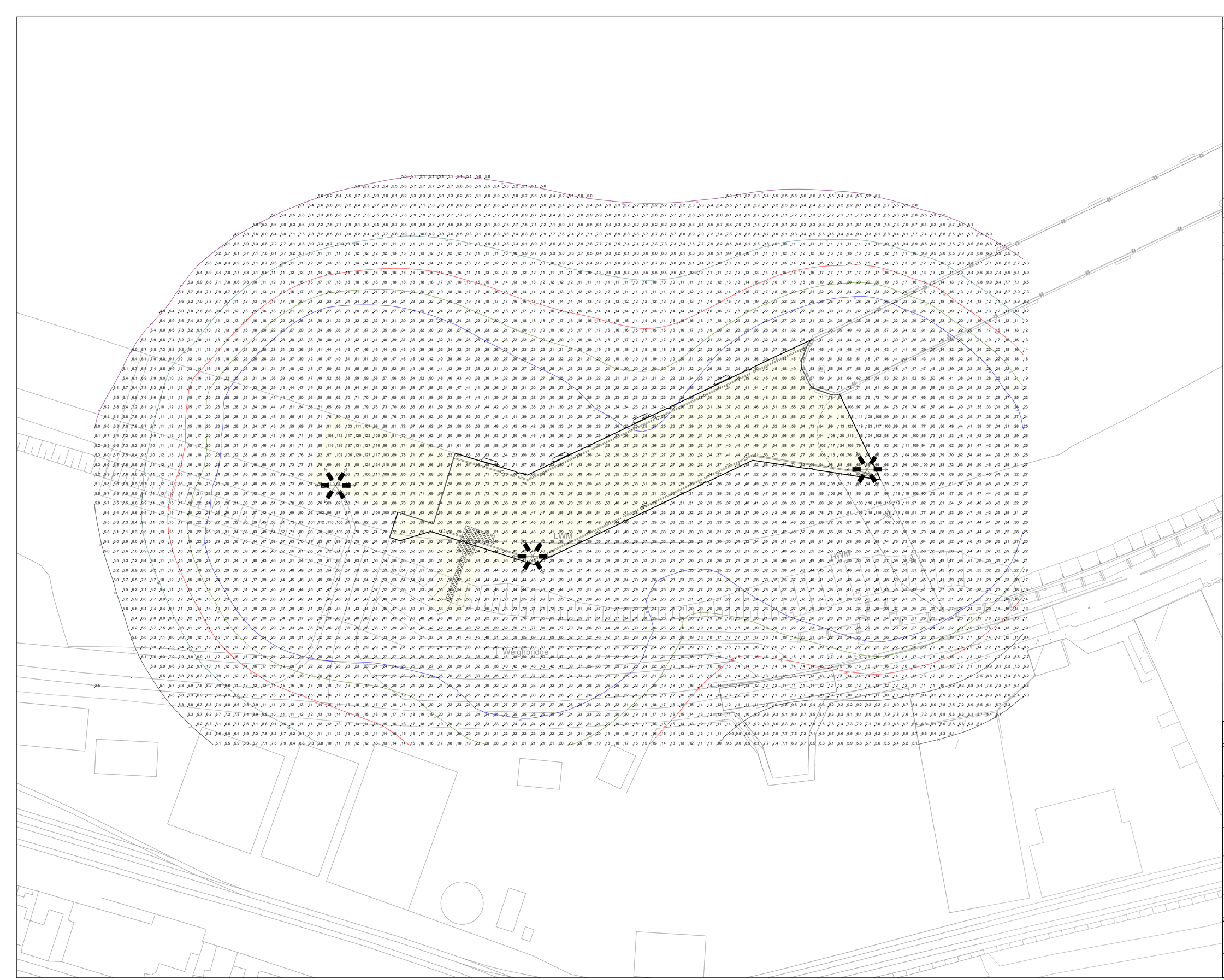
Project
Capacity Extension at Shannon Foynes

Title
Existing and Proposed Pontoon

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:100

Drawing Number: M0679-RPS-00-PL-DR-C-0138
Rev -

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

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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
M0679-RPS-00-PL-DR-C-0144

Rev -

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 Intergrated Lenses 230V

rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

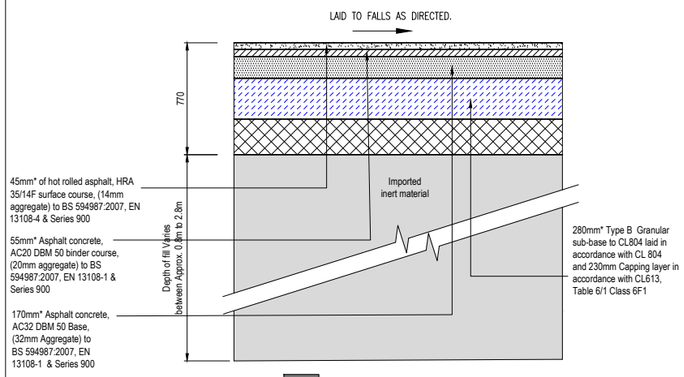
Title
Proposed Lux Levels at Durnish Lands

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:1250

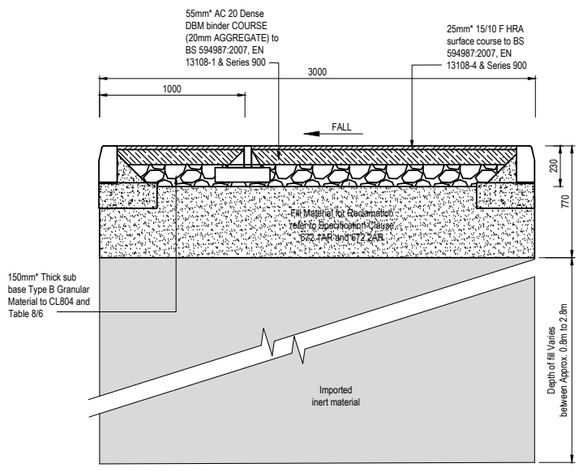
Drawing Number
M0679-RPS-00-PL-DR-C-0145

Rev -

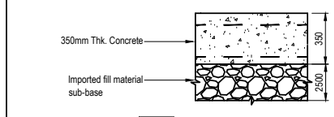
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



New Carriageway Construction Make-up [1:20]

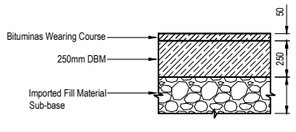


New Footway Construction Make-up [1:20]



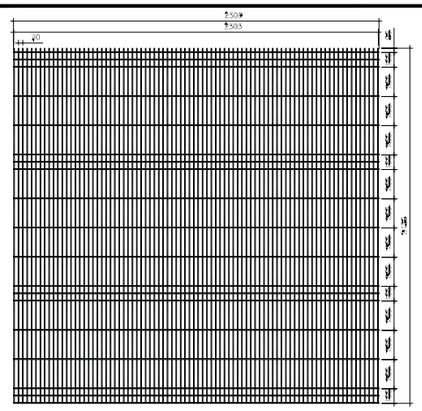
Heavy Duty Rigid Surfacing-Concrete [1:20]

OR

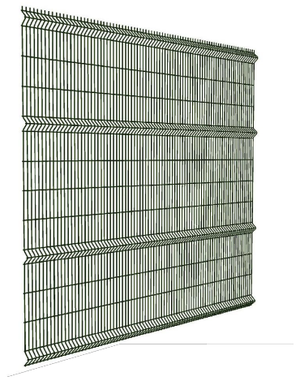


Flexible Heavy Duty Surfacing-Bituminas Surfacing [1:20]

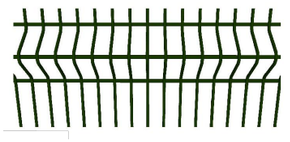
Surfacing Details for Container Storage Area Phase 1



Elevation [1:20]



Perspective [N.T.S.]



Perspective [N.T.S.]

Horizontal wires: 5mm Dia

Vertical wires: 5mm Dia 30mm centres

Aperture Size: 200x25mm

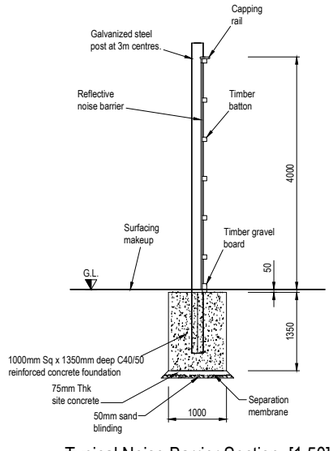
Finish: Polyester coating over a galvanised substrate

Colour: RAL 6000

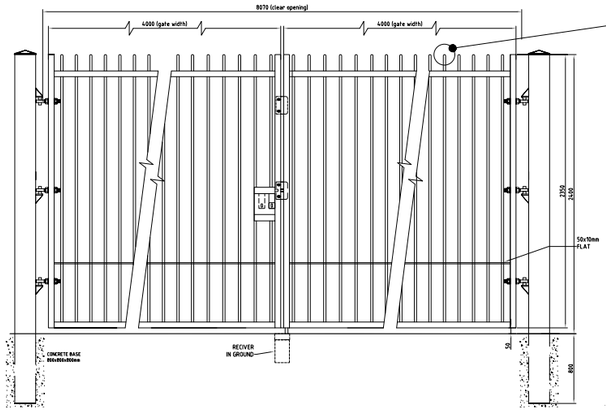
Security Fencing Details [1:20]



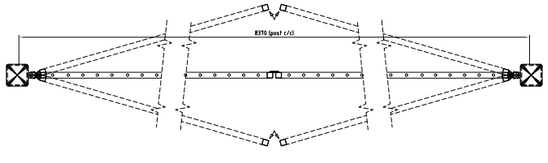
JNC Fencing



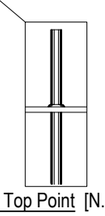
Typical Noise Barrier Section [1:50]



Security Gates 8m Wide Flat Top [1:25]



Security Gates 8m Wide Flat Top-Typical Plan [1:25]



Flat Top Point [N.T.S.]

NOTES

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

rev	amendments	drawn	date

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E ireland@rpsgroup.com

Client: Shannon Foynes Port Company

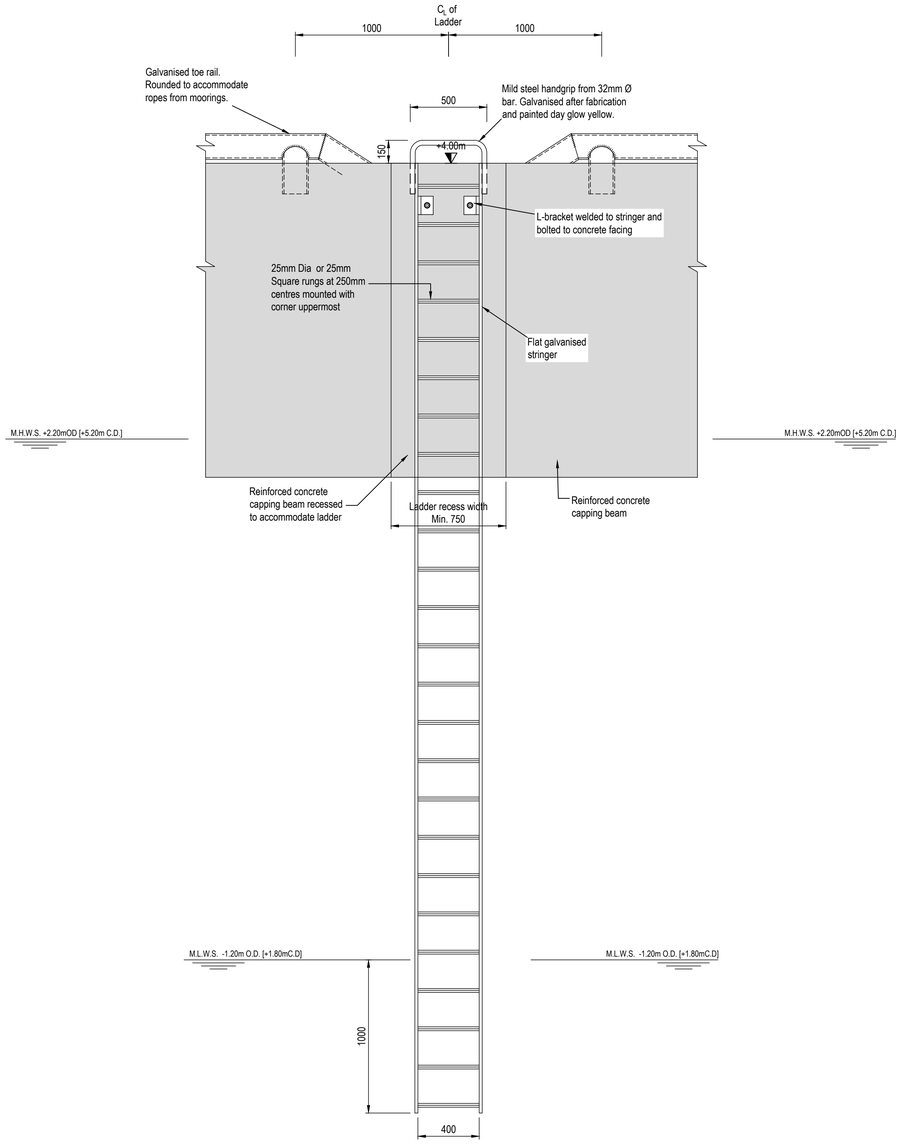
Project: Capacity Extension at Shannon Foynes

Title: Surfacing and Fencing Details

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As shown

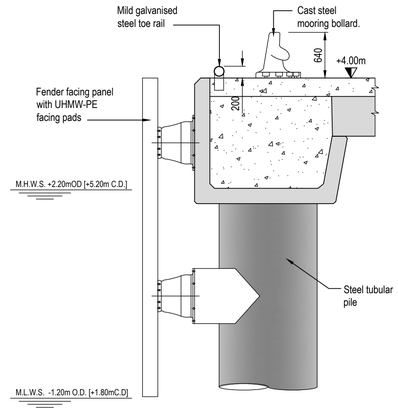
Drawing Number: M0679-RPS-00-PL-DR-C-0160 Rev -

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



Typical Ladder Elevation [1:20]

(All steelwork galvanised)



Typical Fender, Bollard and Toe Rail Arrangement [1:50]

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

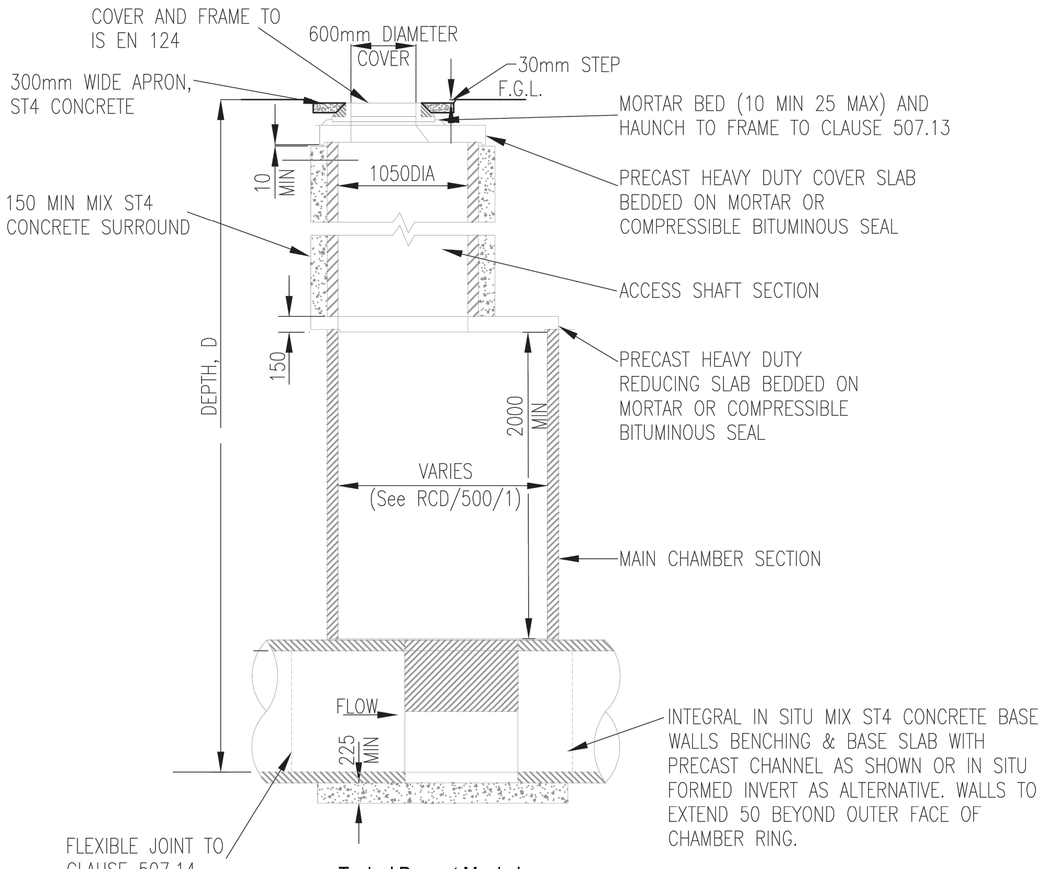
Title: Quay Furniture Details

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:20 UNO

Drawing Number: M0679-RPS-00-PL-DR-C-0161

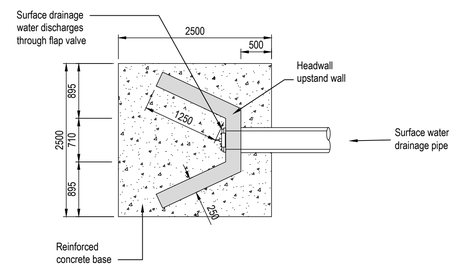
Rev -

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



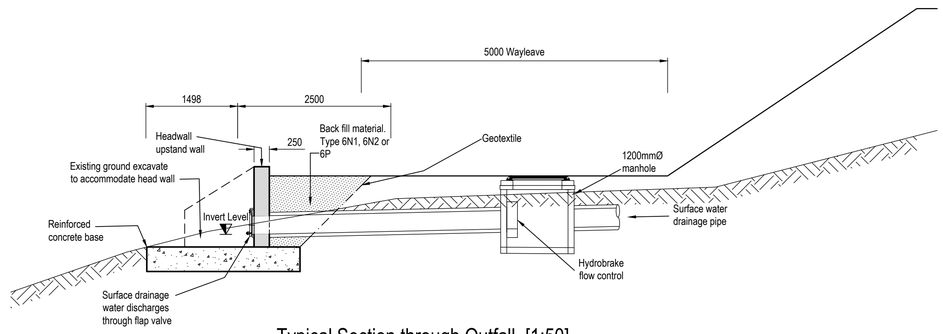
Typical Precast Manhole Detail [1:20]

(As per T.I.I. Detail Nr: CC-SCD-00505)



Headwall Outfall Detail [1:50]

(As per T.I.I. Detail Nr: CC-SCD-0553)



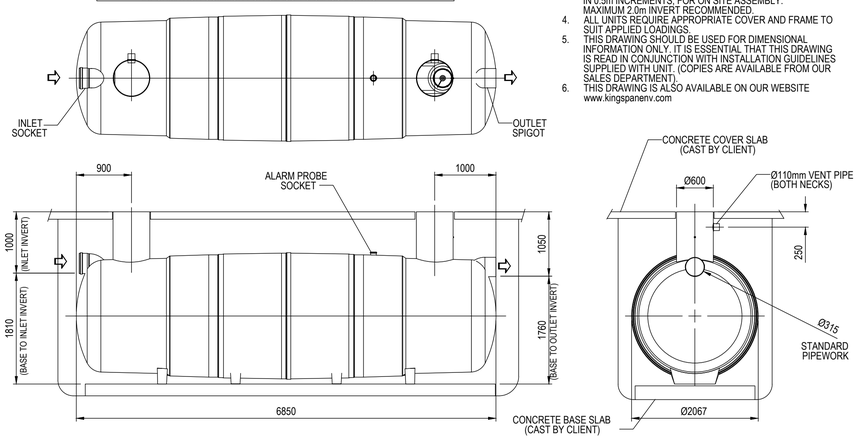
Typical Section through Outfall [1:50]

(As per T.I.I. Detail Nr: CC-SCD-0553)

Typical Interceptor Details [NTS]

UNIT REF.	NOMINAL FLOW RATE (L/s)	APPROX. EMPTY WEIGHT (kg)	OVERALL LENGTH 'L'
NSFA020	20	575	3200
NSFA030	30	665	3915
NSFA040	40	740	4640
NSFA050	50	985	5425
NSFA065	65	1145	6850
INFORMATION COMMON FOR CLASS 1 & CLASS 2 UNITS			

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



Please check with Environmental Treatment Services Ltd that this drawing is the latest issue.			
Issue	Date	Drawn by	Description
02	29.01.09	JC	Update Border
01	30.04.08	T.Kelly	CC465 - Initial Release

All dimensions in mm

Scale: Not to scale

Material : Various	Tolerance : ± 5mm	Drawing : DS0911P Page 1 of 1
Finish : n/a	Thickness : n/a	NSFA020 - NSFA065 Full Retention Separators
Weight : n/a	Surface Area : n/a	

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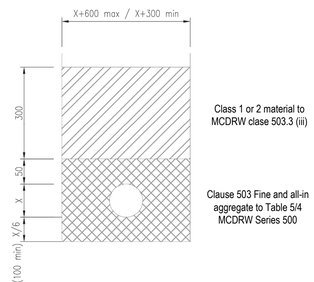
R:\Engineering\Drawing Data\02 - Sales Drawings\DS\DS - DS\DS091P NSFA020 - 065 Full Retention Separators



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

rev	amendments	drawn	date

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

Client: Shannon Foynes Port Company

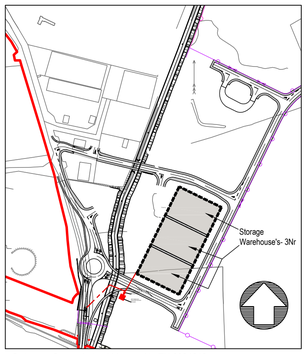
Project: Capacity Extension at Shannon Foynes

Title: Drainage Details

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number: M0679-RPS-00-PL-DR-C-0162 Rev -

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



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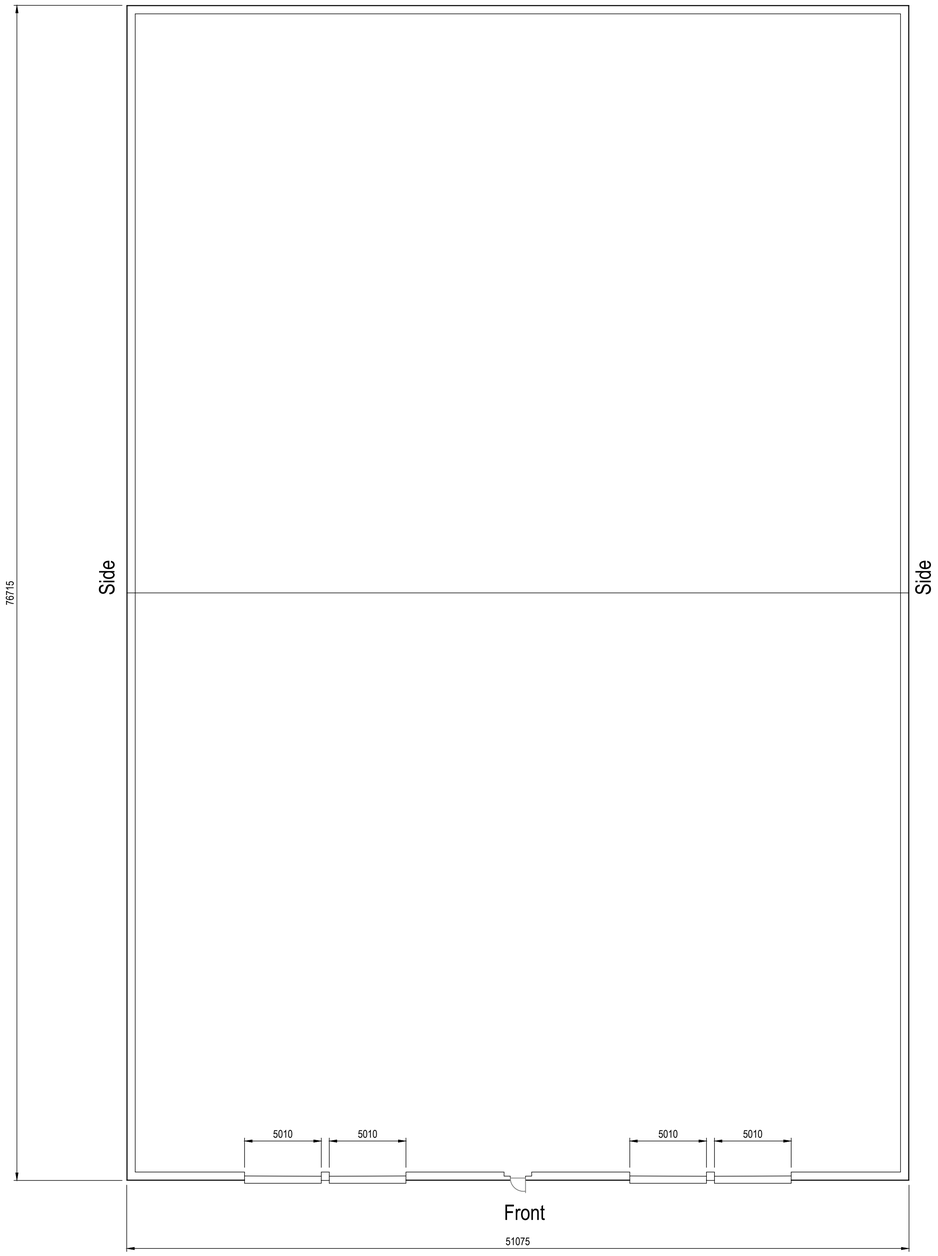
Location Plan [1:5000]



Photo of Typical Warehousing Proposed [NTS]

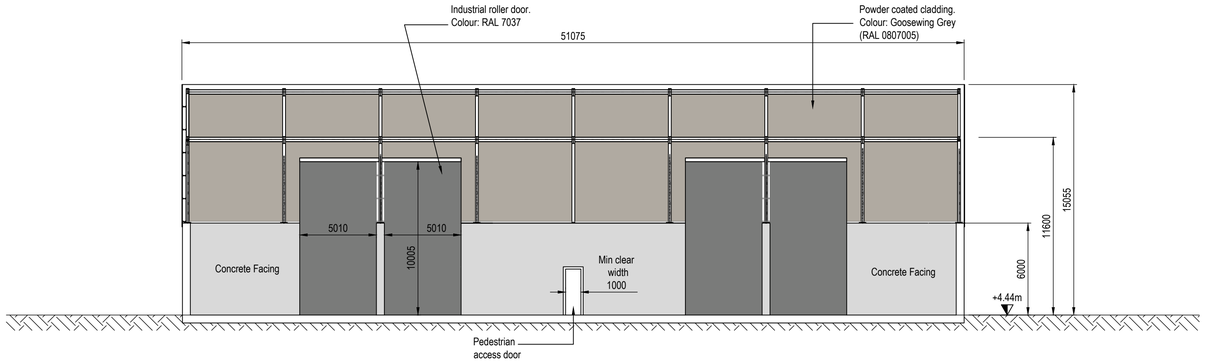
A

Rear



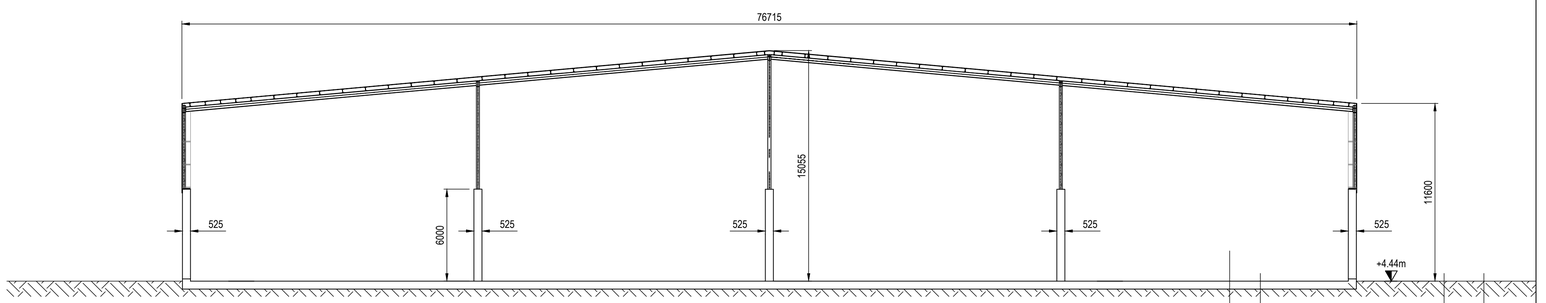
A

Storage Warehouse-3Nr Total [1:200]

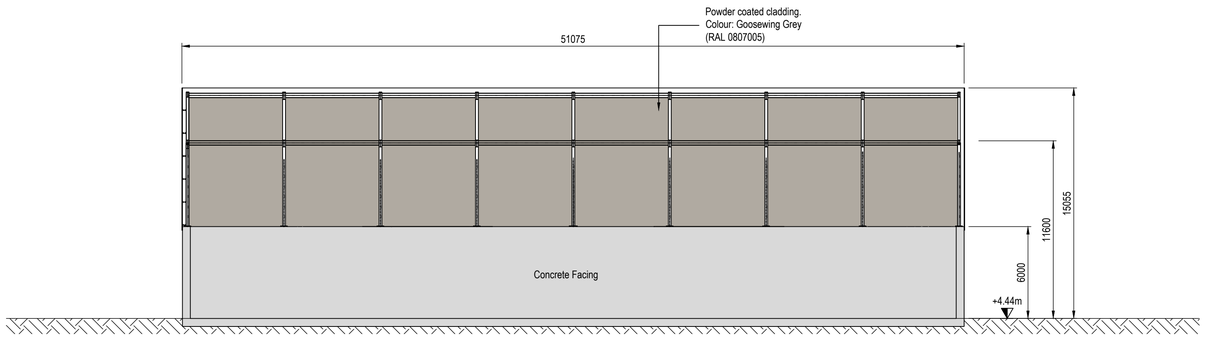


Typical Elevation on Front of Building [1:200]

Typical Elevation on Sides of Building [1:200]



Typical Section through Building [1:200]



Typical Elevation on Rear of Building [1:200]

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rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

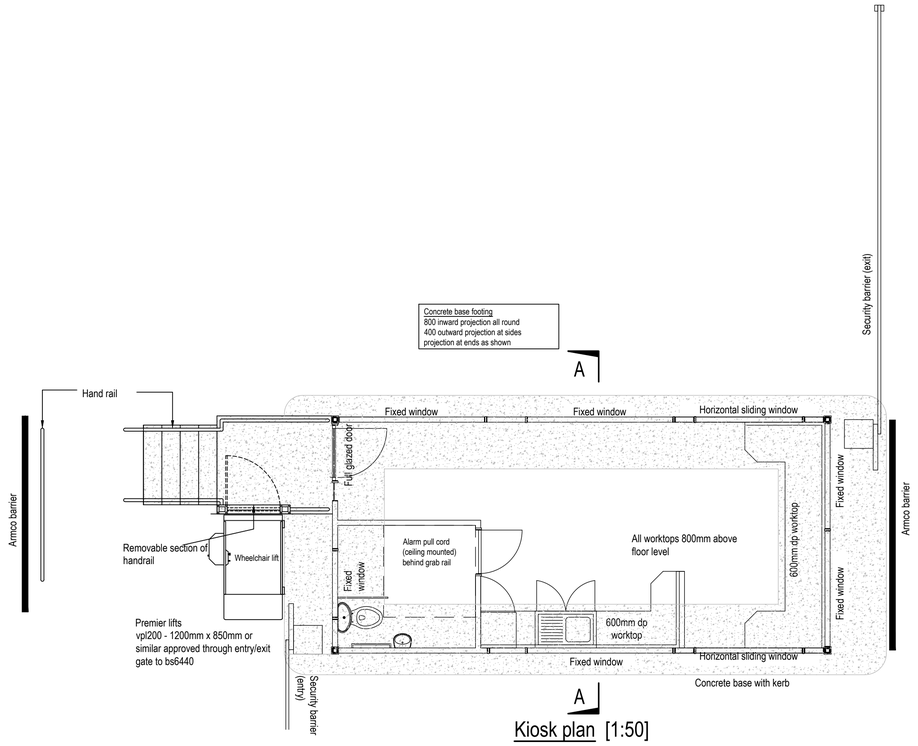
Title
Storage Warehouse Typical Plan and Elevations

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:200

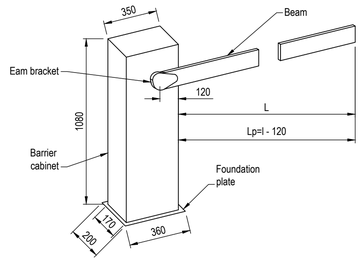
Drawing Number
M0679-RPS-00-PL-DR-C-0163

Rev -

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



Kiosk plan [1:50]



Barrier Dimensions [N.T.S]

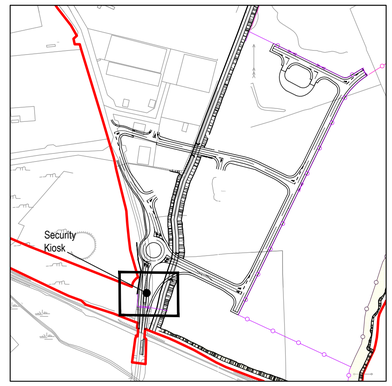


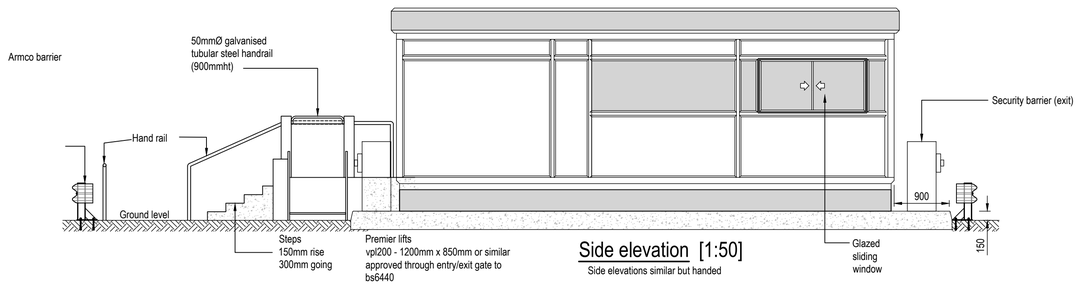
Photo of Typical Automatic Barrier [NTS]

Notes:
kiosk should be 'glasdon 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

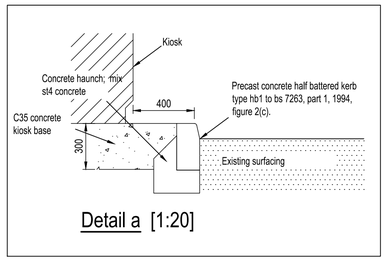
-ramp or level access
-300mm leading edge to doors
-anti-sun solar control glass to all windows and door
-double glazing to all windows and door
-glazing to comply with vision zones
-vision panels to corridor doors
-accessible workbench and kitchen
-max 15mm threshold
-accessible door and toilet furniture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



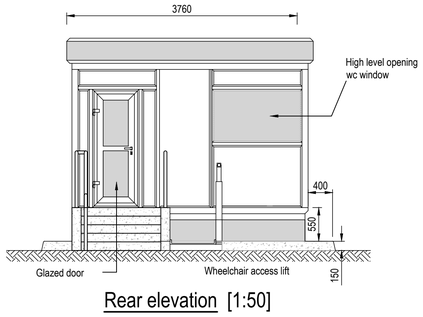


Side elevation [1:50]

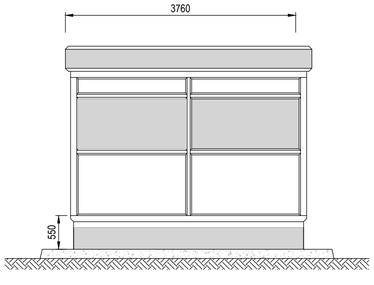
Side elevations similar but handed



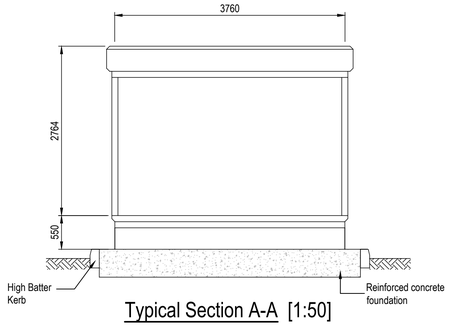
Detail a [1:20]



Rear elevation [1:50]



Front elevation [1:50]



Typical Section A-A [1:50]

NOTES

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4. DATUM: Ordnance Datum Malin

rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

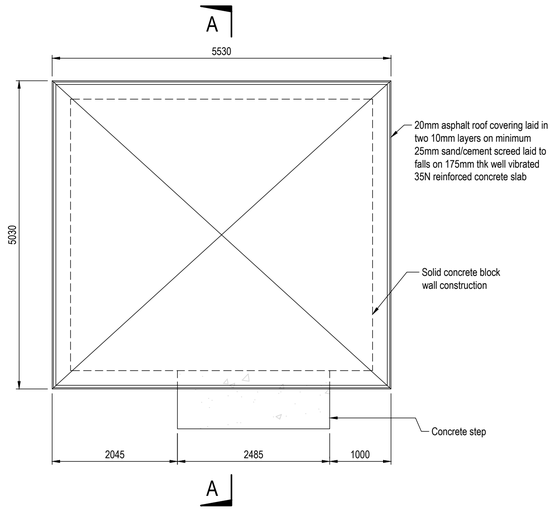
Title
Security Kiosk and Details

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:50

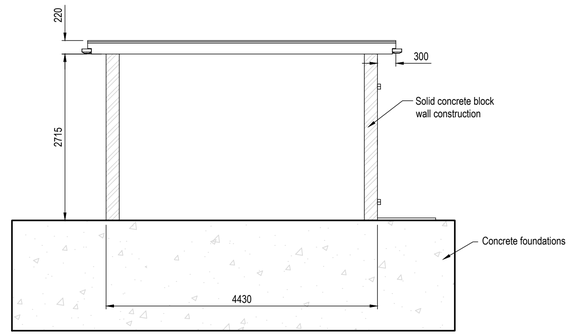
Drawing Number
M0679-RPS-00-PL-DR-C-0164

Rev -

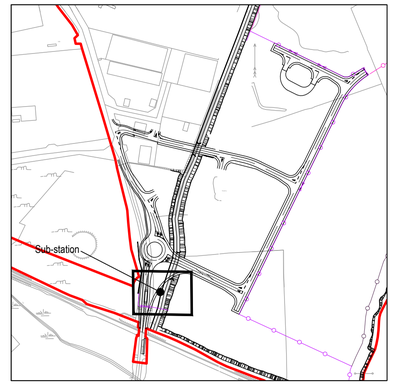
Project Leader	Drawn By	Date	Initial Review
S.H.	M.H.	March 2018	E.H.



Plan [1:50]



Section A'A [1:50]



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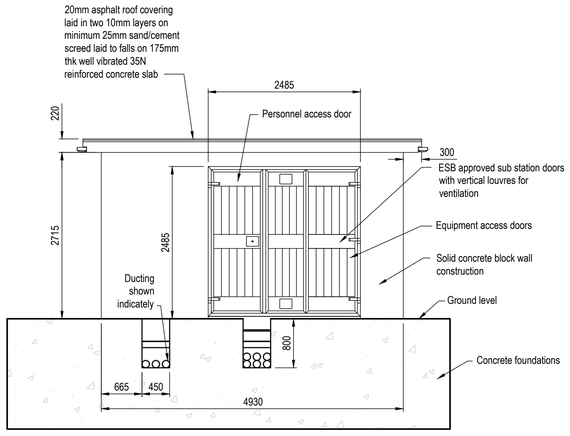
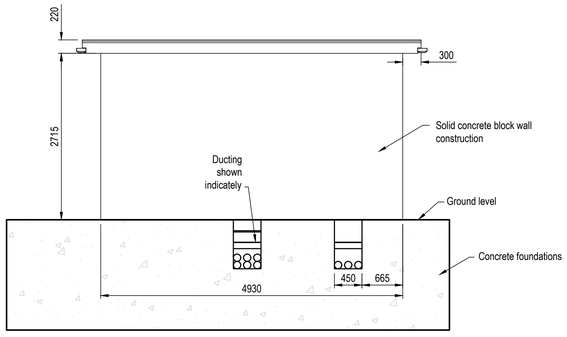
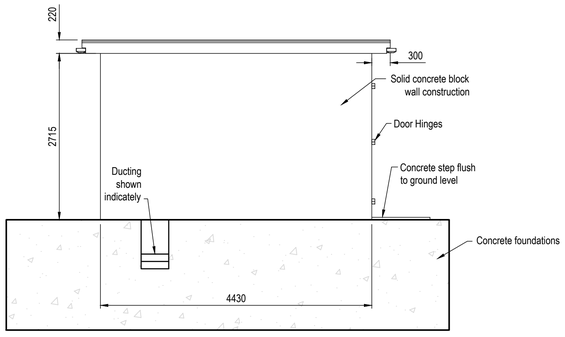


Front Elevation [1:50]



Back Elevation [1:50]



Side Elevation [1:50]

rev	amendments	drawn	date

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Client
Shannon Foynes Port Company

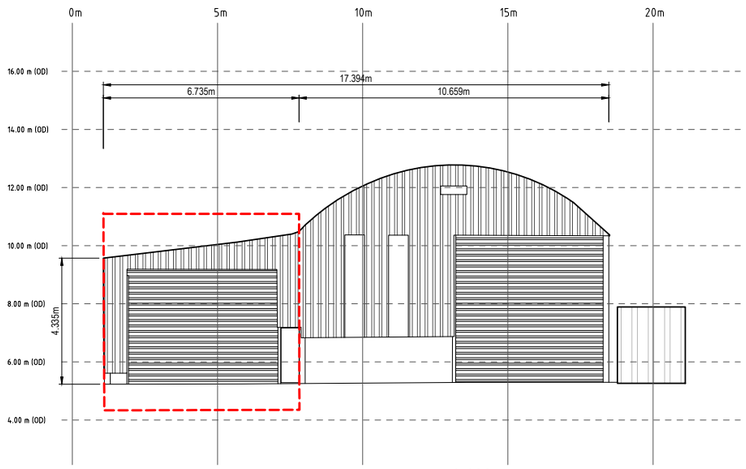
Project
Capacity Extension at Shannon Foynes

Title
Proposed Sub-Station Details

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:50

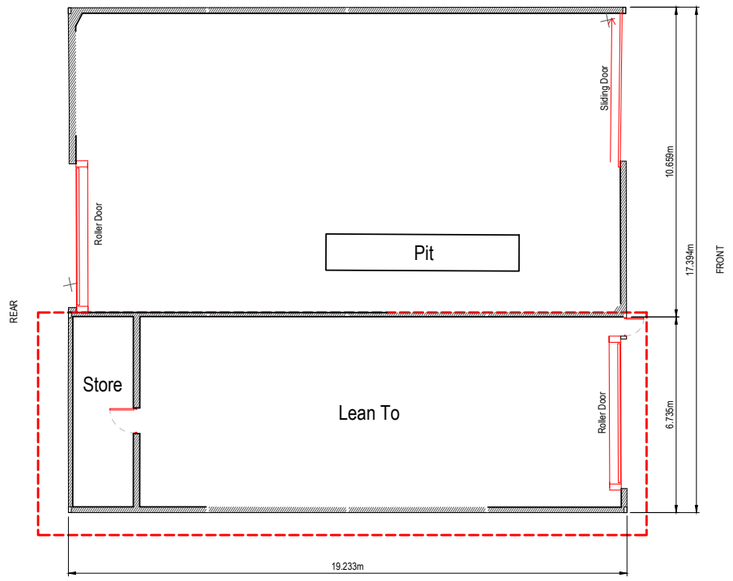
Drawing Number: M0679-RPS-00-PL-DR-C-0165
Rev -

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

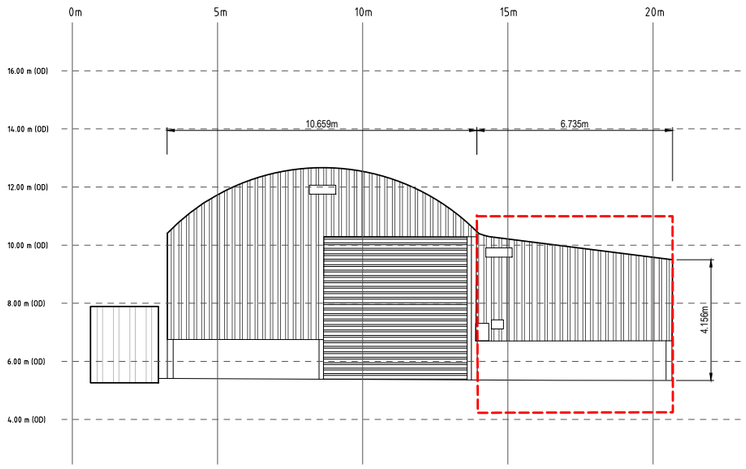


Existing Front Elevation [1:100]

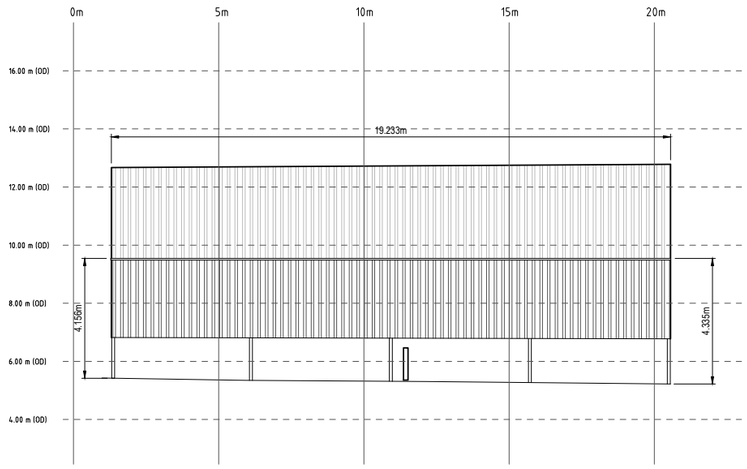




Existing Plan [1:100]



Existing Rear Elevation [1:100]



Existing Side Elevation [1:100]

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Client
Shannon Foynes Port Company

Project
Capacity Extension at Shannon Foynes

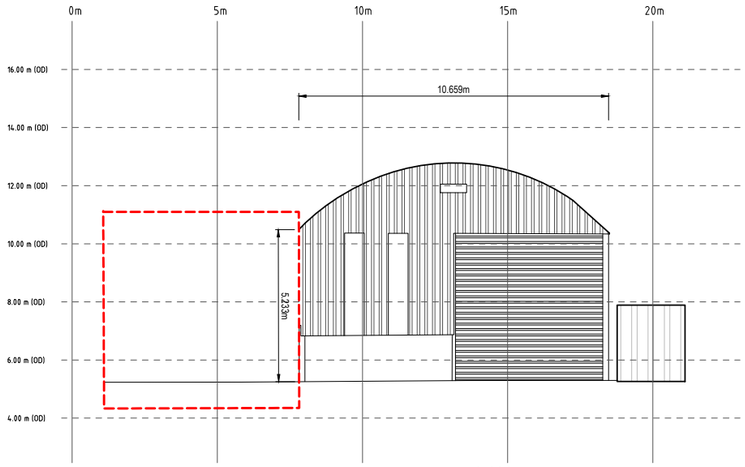
Title
Existing Lean To Details

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:100

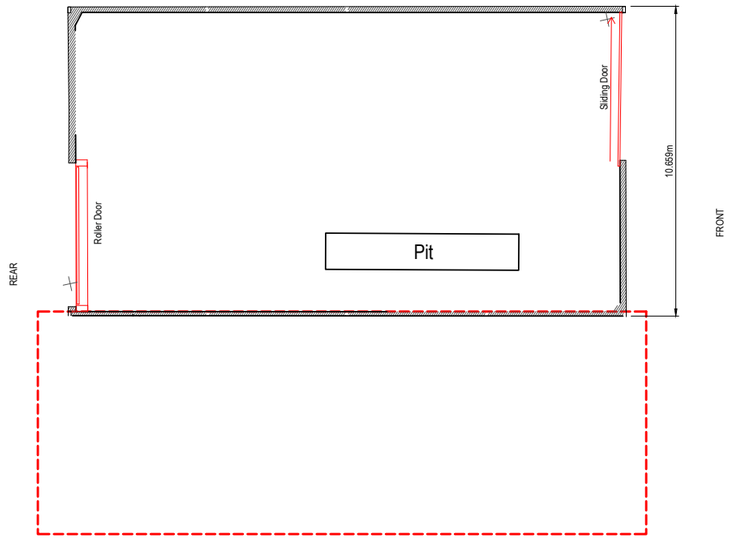
Drawing Number
M0679-RPS-00-PL-DR-C-0166

Rev -

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



Proposed Front Elevation [1:100]



Proposed Plan [1:100]

NOTES

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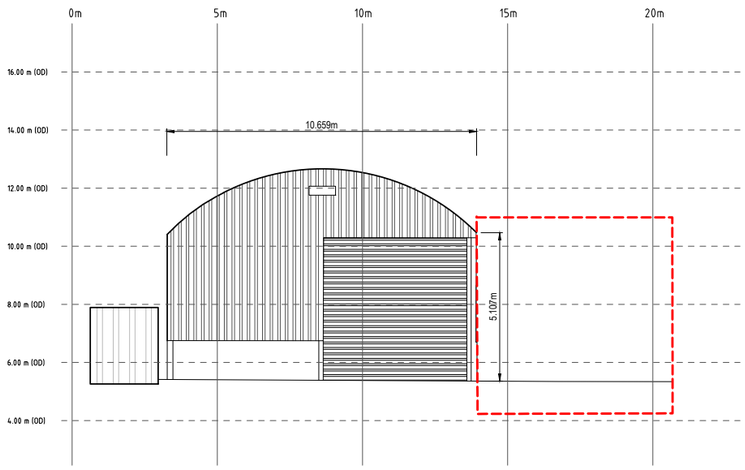
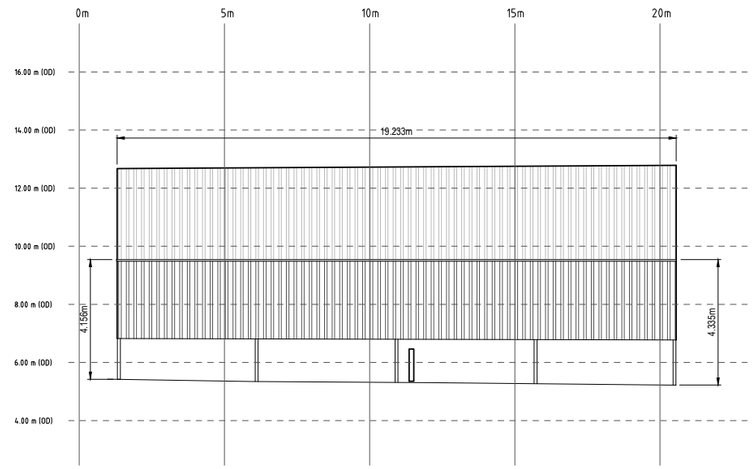
4. DATUM: Ordnance Datum Malin

5. CONCRETE	MIX TYPE	COVER	FINISH



Proposed Rear Elevation [1:100]



Proposed Side Elevation [1:100]

rev	amendments	drawn	date

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Client
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Project
Capacity Extension At Shannon Foynes

Title
Proposed Lean To Details

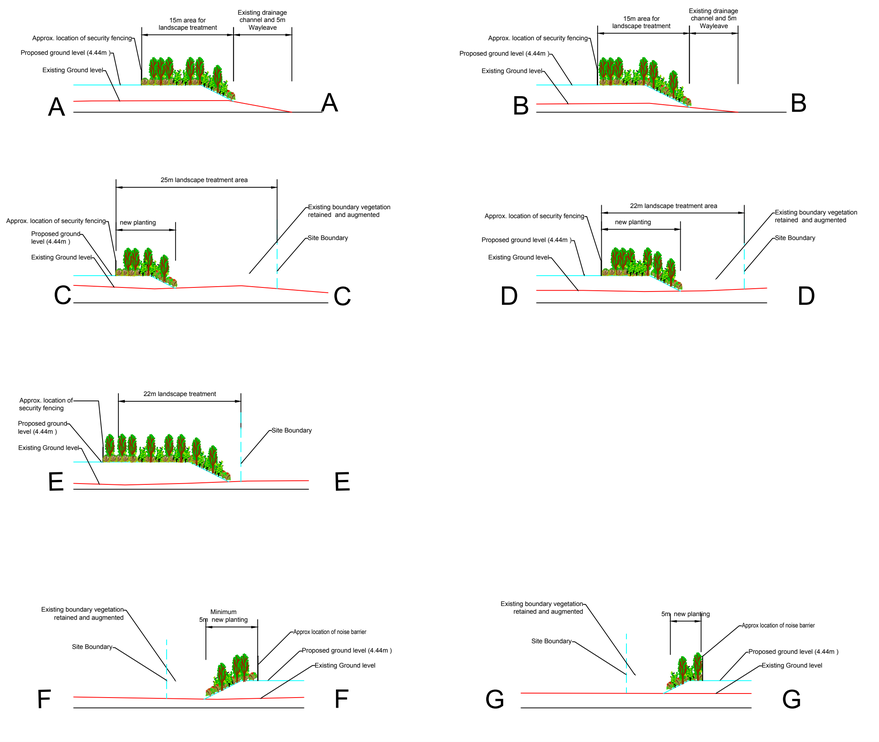
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:100

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

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



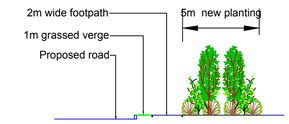
Proposed Boundary Treatment Plan
Scale 1:2500



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		Totals
								Total Area (M2)	19600	19600
								Clearing Area (M2)	0	0
								Area for Planting (	19600	19600
Betula pubescens	Minimum 2.50cm	Bare Root	Standard	8 - 10cm	2x Transplanted	3.0m	25%		539	539
Quercus robur	Minimum 4.25cm	Bare Root	Extra Heavy Standard	14 - 14cm	3x Transplanted	3.0m	20%		431	431
Pinus sylvestis	80 - 100cm	Rootballed	Leader and Laterals		2x Transplanted	3.0m	15%		323	323
Crataegus monogyna	80 - 100cm	Bare Root	Transplant	1 + 1		1.0m	10%		1960	1,960
Prunus spinosa	60 - 80cm	Bare Root	Transplant	1 + 1		1.0m	5%		980	980
Corylus avellana	60 - 80cm	Bare Root	Transplant	1 + 1		1.0m	5%		980	980
Ilex aquifolium	60 - 80cm	Container	Container grown, 3Lt Pot			1.0m	7.5%		1470	1,470
Ligustrum vulgare	60 - 80cm	Bare Root	Transplant	1 + 1	Branched, 3 breaks	1.0m	5%		980	980
Prunus laurocerasus	40 - 60cm	Bare Root	Transplant			1.0m	7.5%		1470	1,470
									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		Totals
								Total Area (M2)	4295	4295
								Clearing Area (M2)	0	0
								Area for Planting (M2)	4295	4295
Betula pubescens	Minimum 2.50cm	Bare Root	Standard	8 - 10cm	2x Transplanted	3.0m	15%		71	71
Pinus sylvestis	80 -100cm	Rootballed	Leader and Laterals		2x Transplanted	3.0m	15%		71	71
Crataegus monogyna	80 -100cm	Bare Root	Transplant	1 + 1		1.0m	25%		1074	1074
Prunus spinosa	60 - 80cm	Bare Root	Transplant	1 + 1		1.0m	5%		215	215
Corylus avellana	60 - 80cm	Bare Root	Transplant	1 + 1		1.0m	15%		644	644
Ilex aquifolium	60 - 80cm	Container	Container grown, 3Lt Pot			1.0m	15%		644	644
Ligustrum vulgare	60 - 80cm	Bare Root	Transplant	1 + 1	Branched, 3 breaks	1.0m	5%		215	215
Prunus laurocerasus	40 - 60cm	Bare Root	Transplant			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 the 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

rev	amendments	drawn	date
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

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Project
Capacity Extension at
Shannon Foynes

Title
Proposed Boundary Treatments

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2500

Drawing Number	Rev
1773.5.01	H

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

IBH0533 Shannon Foynes Port Extension

				23/04/2018
	Project	**Drawing Number**	**Title**	**Revision**
Planning				
	IBH0548	RPS-XX-00-DR-HE-100-01	Proposed Highway Layout - Overall	
	IBH0548	RPS-XX-00-DR-HE-100-02	Proposed Layout Sheet 2 of 5	
	IBH0548	RPS-XX-00-DR-HE-100-03	Proposed Layout Sheet 3 of 5	
	IBH0548	RPS-XX-00-DR-HE-100-04	Proposed Layout Sheet 4 of 5	
	IBH0548	RPS-XX-00-DR-HE-100-05	Proposed Layout Sheet 5 of 5	
	IBH0548	RPS-XX-00-DR-HE-100-06	Proposed Tracking	
	IBH0548	RPS-XX-00-DR-HE-110-01	Proposed Road Markings - Overall	
	IBH0548	RPS-XX-00-DR-HE-110-02	Proposed Road Markings - Sheet 1 of 4	
	IBH0548	RPS-XX-00-DR-HE-110-03	Proposed Road Markings - Sheet 2 of 4	
	IBH0548	RPS-XX-00-DR-HE-110-04	Proposed Road Markings - Sheet 3 of 4	
	IBH0548	RPS-XX-00-DR-HE-110-05	Proposed Road Markings - Sheet 4 of 4	
	IBH0548	RPS-XX-00-DR-HE-130-01	Proposed Longsection - Sheet 1 of 4	
	IBH0548	RPS-XX-00-DR-HE-130-02	Proposed Longsection - Sheet 2 of 4	
	IBH0548	RPS-XX-00-DR-HE-130-03	Proposed Longsection - Sheet 3 of 4	
	IBH0548	RPS-XX-00-DR-HE-130-04	Proposed Longsection - Sheet 4 of 4	
	IBH0548	RPS-XX-00-DR-HE-140-01	Proposed Cross Section (MC10) -Sheet 1 of 2	
	IBH0548	RPS-XX-00-DR-HE-140-02	Proposed Cross Section (MC10) -Sheet 2 of 2	
	IBH0548	RPS-XX-00-DR-HE-140-03	Proposed Cross Section (MC20) -Sheet 1 of 3	
	IBH0548	RPS-XX-00-DR-HE-140-04	Proposed Cross Section (MC20) -Sheet 2 of 3	
	IBH0548	RPS-XX-00-DR-HE-140-05	Proposed Cross Section (MC20) -Sheet 3 of 3	
	IBH0548	RPS-XX-00-DR-HE-140-06	Proposed Cross Section (MC40) -Sheet 1 of 2	
	IBH0548	RPS-XX-00-DR-HE-140-07	Proposed Cross Section (MC40) -Sheet 2 of 2	
	IBH0548	RPS-XX-00-DR-HE-140-08	Proposed Cross Section (MC30) -Sheet 1 of 2	
	IBH0548	RPS-XX-00-DR-HE-140-09	Proposed Cross Section (MC30) -Sheet 2 of 2	
	IBH0548	RPS-XX-00-DR-HE-140-09	Typical Cross Sections	
	IBH0548	RPS-XX-00-DR-HE-400-01	Proposed Road Restraint Systems	
	IBH0548	RPS-XX-00-DR-HE-500-01	Proposed Drainage Layout - Overall	
	IBH0548	RPS-XX-00-DR-HE-500-02	Proposed Drainage Layout - Sheet 1 of 4	
	IBH0548	RPS-XX-00-DR-HE-500-03	Proposed Drainage Layout - Sheet 2 of 4	
	IBH0548	RPS-XX-00-DR-HE-500-04	Proposed Drainage Layout - Sheet 3 of 4	
	IBH0548	RPS-XX-00-DR-HE-500-05	Proposed Drainage Layout - Sheet 4 of 4	
	IBH0548	RPS-XX-00-DR-HE-510-01	Proposed Culvert Detail - Roundabout Access - Sheet 1 of 2	
	IBH0548	RPS-XX-00-DR-HE-510-02	Proposed Culvert Detail - Roundabout Access - Sheet 2 of 2	
	IBH0548	RPS-XX-00-DR-HE-700-01	Proposed Road Pavements - Overall	
	IBH0548	RPS-XX-00-DR-HE-700-02	Proposed Road Pavements - Sheet 1 of 4	
	IBH0548	RPS-XX-00-DR-HE-700-03	Proposed Road Pavements - Sheet 2 of 4	
	IBH0548	RPS-XX-00-DR-HE-700-04	Proposed Road Pavements - Sheet 3 of 4	
	IBH0548	RPS-XX-00-DR-HE-700-05	Proposed Road Pavements - Sheet 4 of 4	
	IBH0548	RPS-XX-00-DR-HE-1100-01	Proposed Kerbs, Footways and Paved Areas - Overall	
	IBH0548	RPS-XX-00-DR-HE-1100-02	Proposed Kerbs, Footways and Paved Areas - Sheet 1 of 4	
	IBH0548	RPS-XX-00-DR-HE-1100-03	Proposed Kerbs, Footways and Paved Areas - Sheet 2 of 4	
	IBH0548	RPS-XX-00-DR-HE-1100-04	Proposed Kerbs, Footways and Paved Areas - Sheet 3 of 4	
	IBH0548	RPS-XX-00-DR-HE-1100-05	Proposed Kerbs, Footways and Paved Areas - Sheet 4 of 4	
	IBH0548	RPS-XX-00-DR-HE-1200-01	Proposed Construction Details	

NOTES

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4. Datum: Ordance Datum Malin

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Project
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Title
Cover Page

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	-

Drawing Number — Rev -
H0548-RPS-XX-00-DR-HE-001

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

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Key

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

SHEET 1

SHEET 2

SHEET 3

SHEET 4

5.

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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

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10m SCALE 1:2000

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Project

Capacity Extension at Shannon Foynes

Title

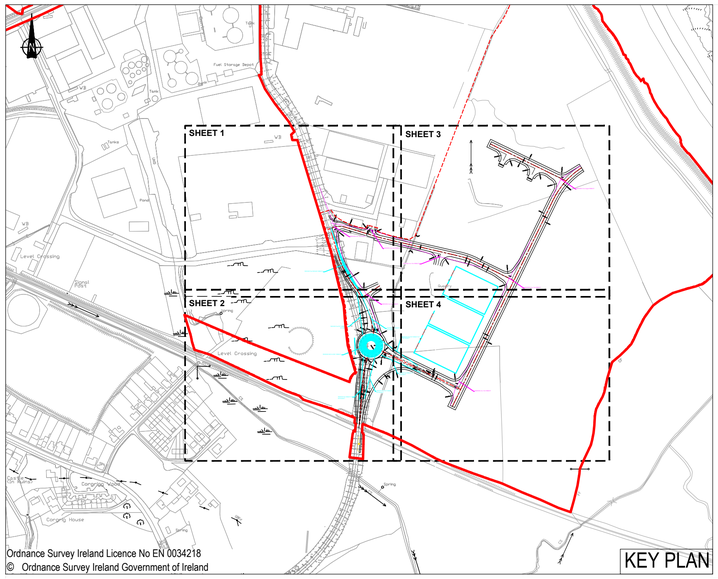
Proposed Highway Layout - Overall

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2000

Drawing Number: H0548-RPS-XX-00-DR-HE-100-01

Rev: -

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



KEY PLAN

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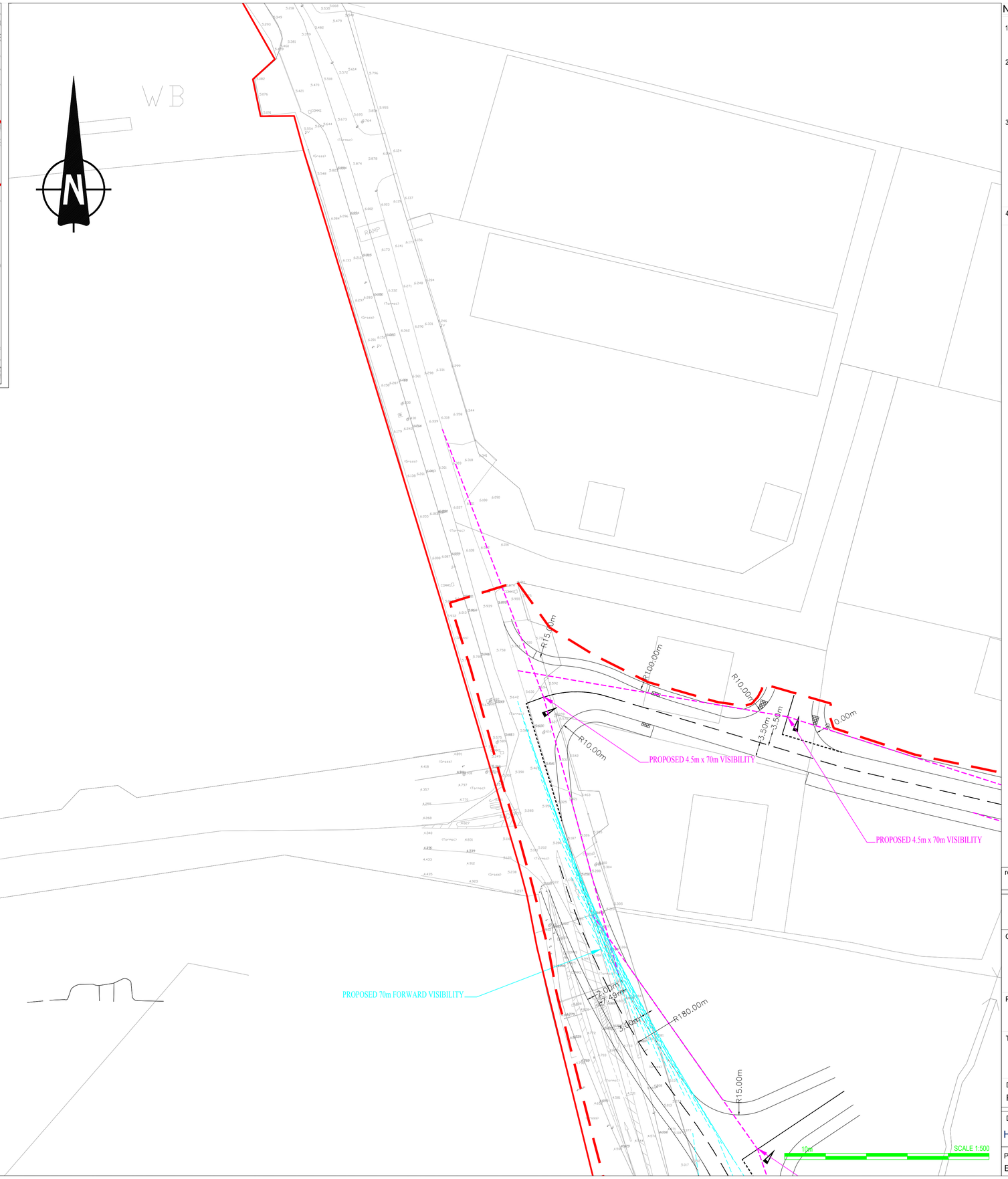

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Map Series	Map Series
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LEVELLED DATE = 31-Dec-1977	4795
4795-A	REVISION DATE = 31-Dec-2000
REVISION DATE = 31-Dec-1980	SURVEY DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-1980	1:5000
4795-B	4858
REVISION DATE = 24-Mar-2008	REVISION DATE = 14-Oct-2009
SURVEY DATE = 31-Dec-1980	SURVEY DATE = 31-Jul-2000
4795-C	
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	
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REVISION DATE = 14-Oct-2009	
SURVEY DATE = 02-Jan-1995	
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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	

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4. Datum: Ordance 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

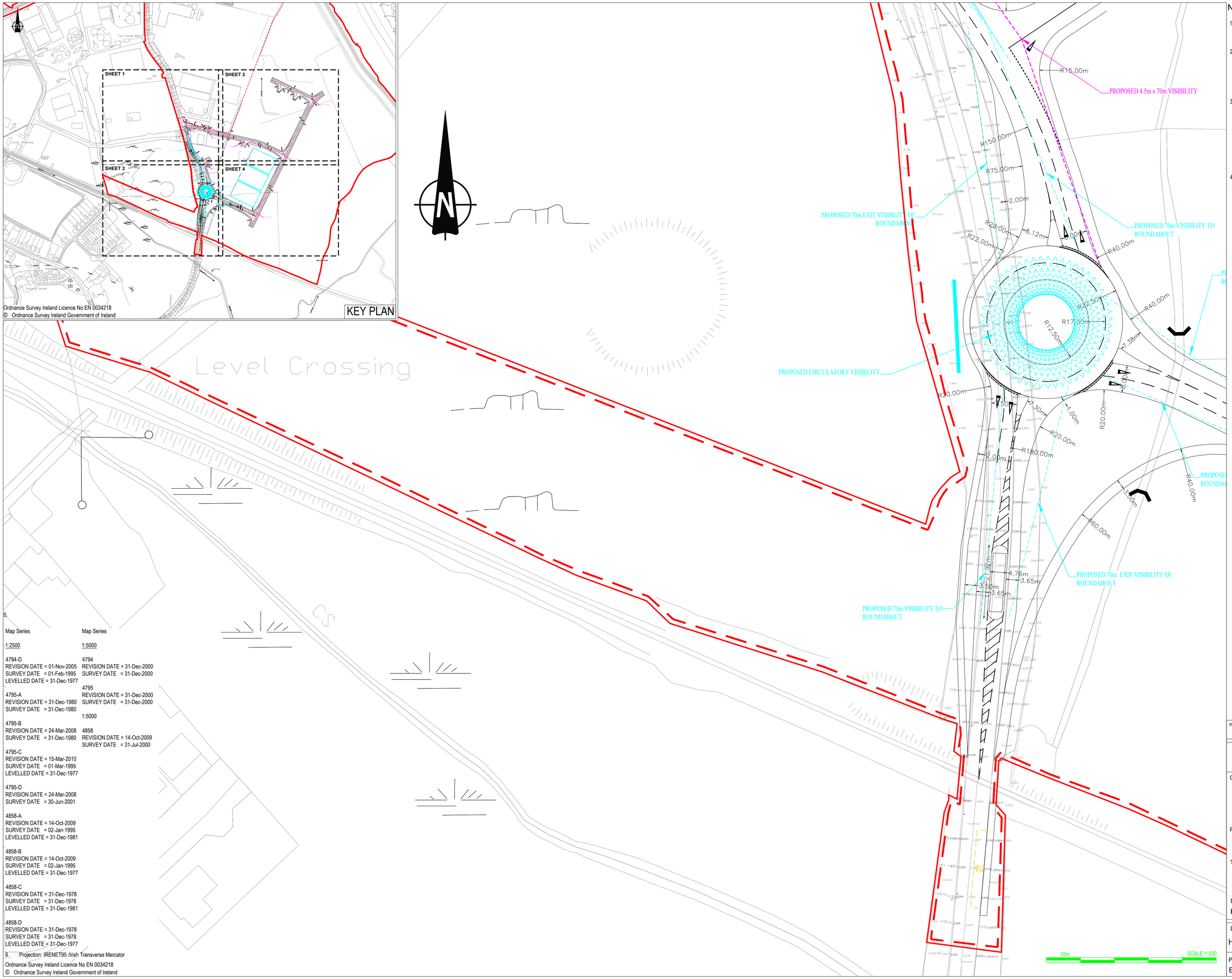
Title

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



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
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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4. Datum: Ordance Datum Malin

Key

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

rev	amendments	drawn	date

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Project
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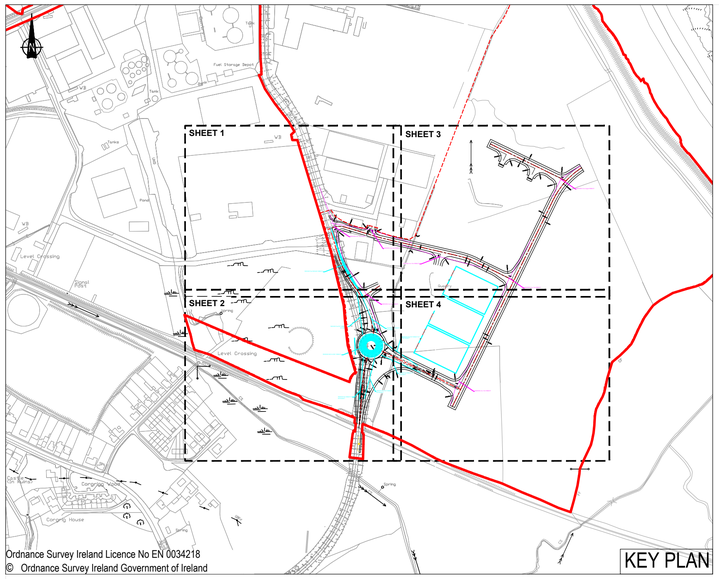
Title
Proposed Highway Layout - Sheet 2 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-100-03	-

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



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NOTES

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4. Datum: Ordance Datum Malin

Key

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

5.

Map Series 1:2500	Map Series 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 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	
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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

10m SCALE 1:500

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: H0548-RPS-XX-00-DR-HE-100-04
Rev: -

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

70m VISIBILITY

ED 70m VISIBILITY TO
ABOUT

PROPOSED 70m EXIT VISIBILITY OF
ROUNDABOUT

.00m

PROPOSED 70m VISIBILITY TO
ROUNDABOUT

R40.00m

4.00m
4.00m
12.00m

R15.00m

3.00m
8.00m
3.00m

PROPOSED 4.5m x 70m VISIBILITY

R15.00m

TY OF

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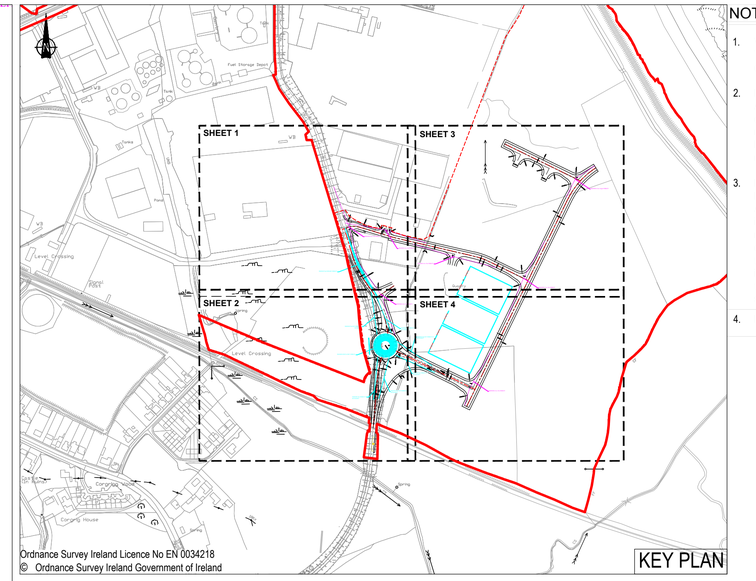

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4. Datum: Ordnance Datum Malin

Key

- Existing Layout
- Proposed Layout
- Proposed Retaining Wall
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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

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

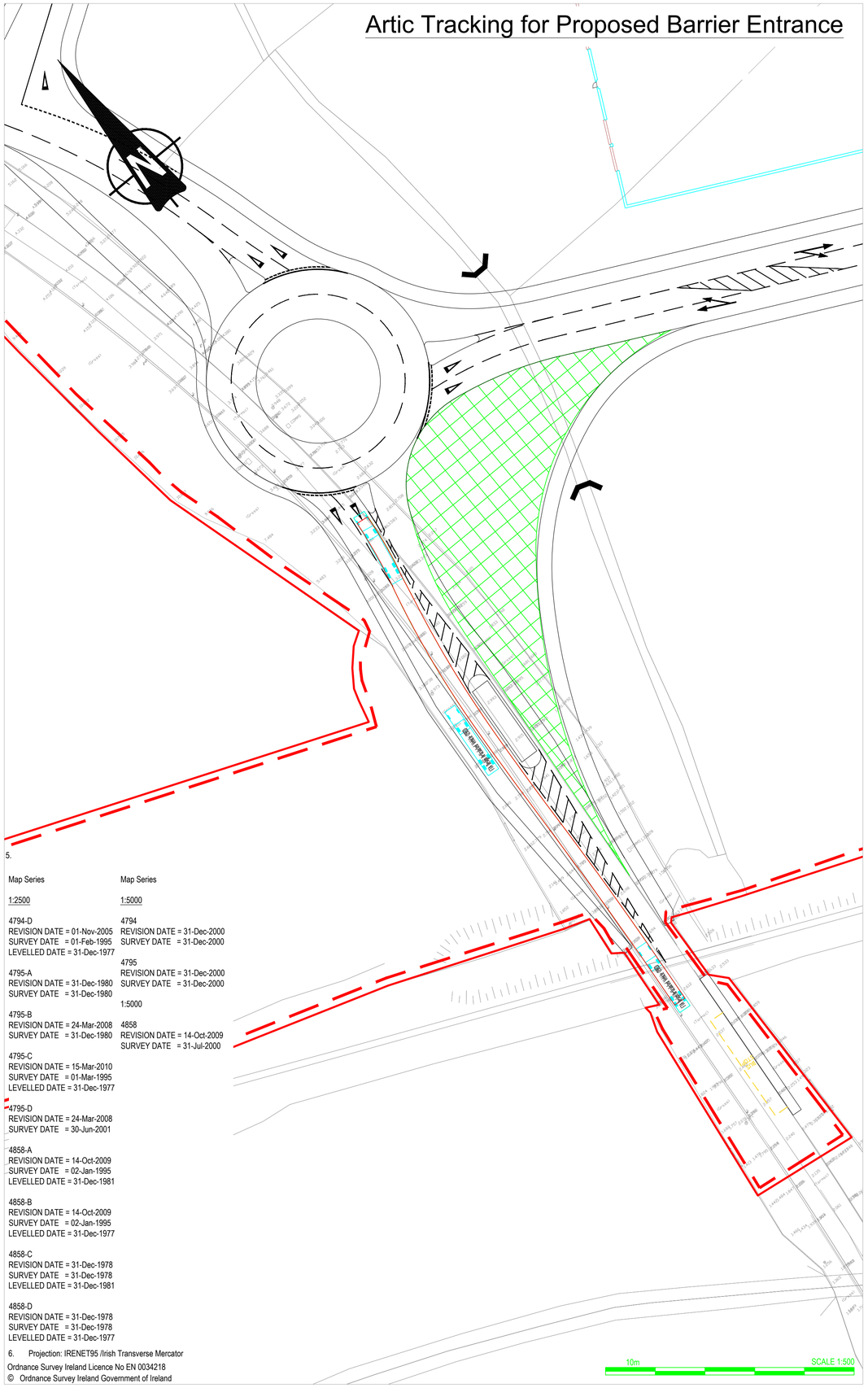
Proposed Highway Layout - Sheet 4 of 4

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



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Map Series 1:2500	Map Series 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: IRENET95 /Irish Transverse Mercator

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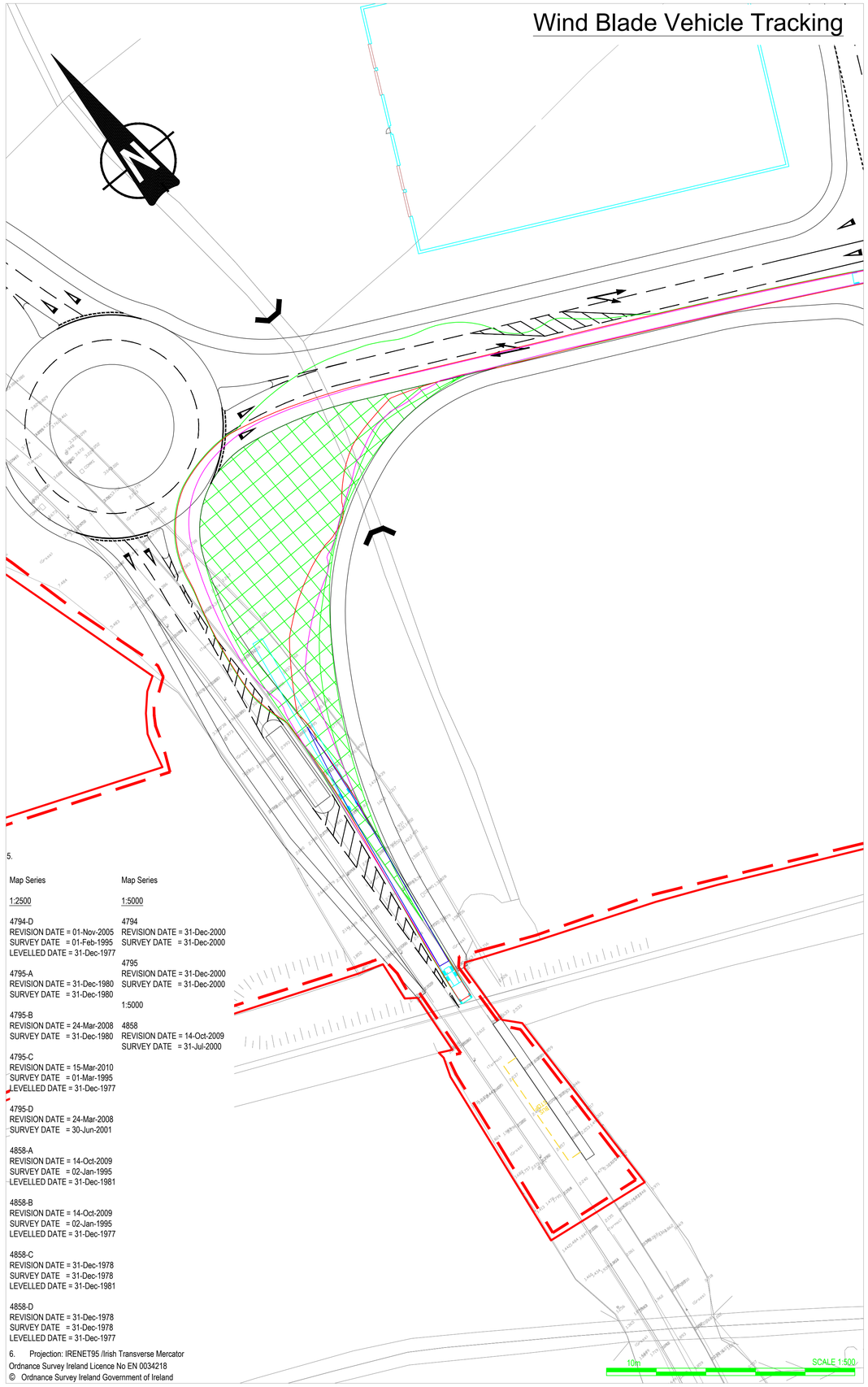
Wind Blade Vehicle Tracking



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Map Series 1:2500	Map Series 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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6. Projection: IRENET95 /Irish Transverse Mercator

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4. Datum: Ordance Datum Malin

Key

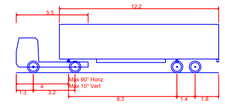
Existing Layout

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	3.695m
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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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

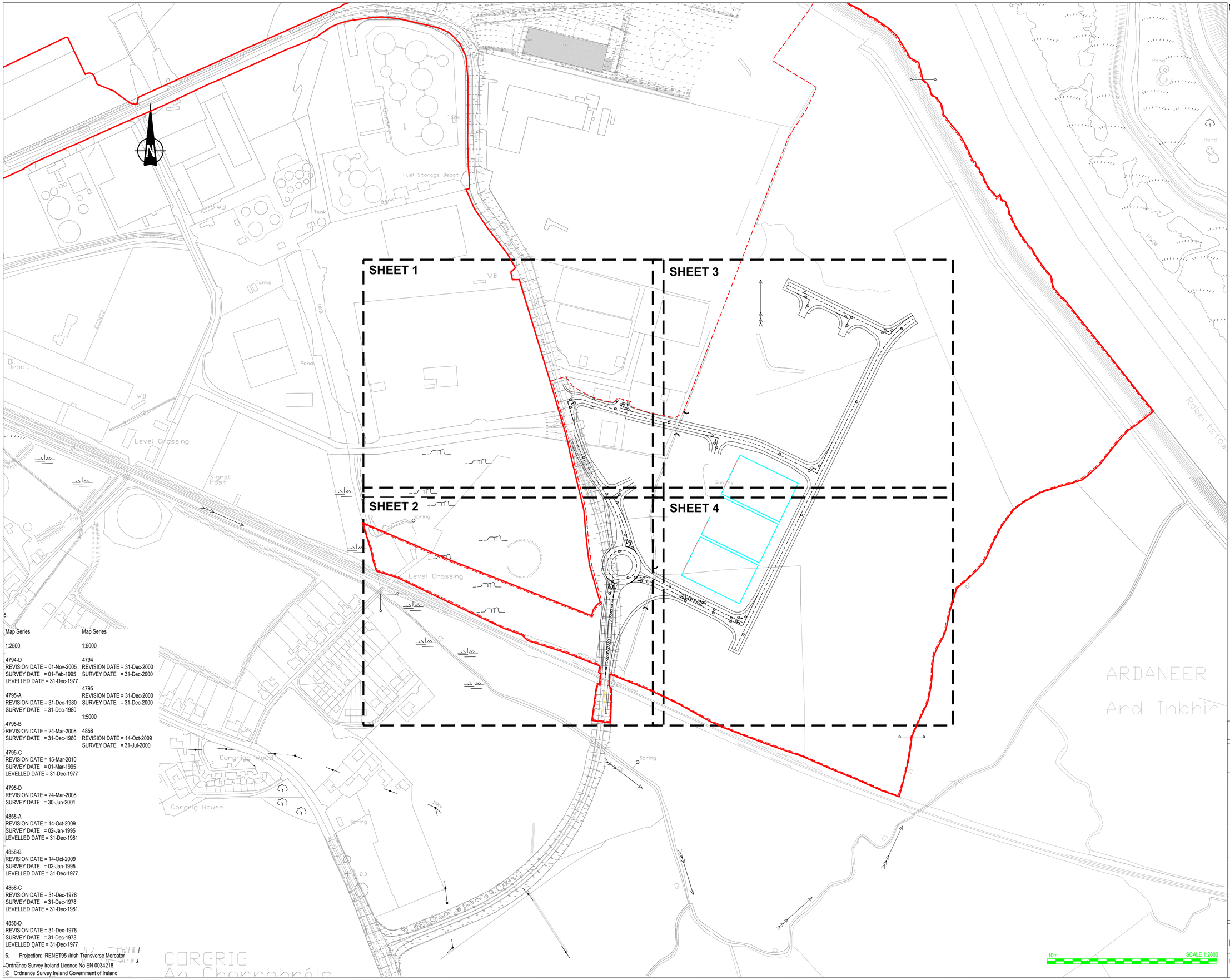
Proposed Tracking

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

Rev -

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



5.

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
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SURVEY DATE = 31-Dec-1980

4795-C
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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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

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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 wth applied solid glass beads to BS EN 1423.

The removal of all superseeded 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 dirtection 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

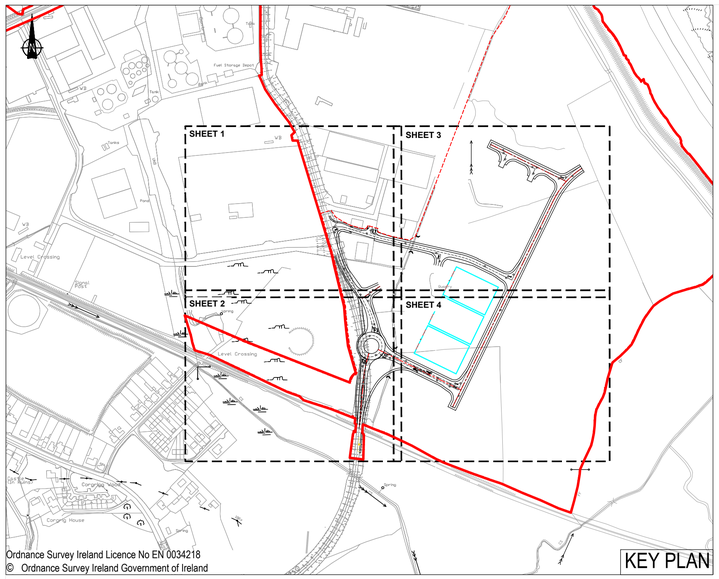
Title

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	JB







5.

Map Series	Map Series
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SURVEY DATE = 01-Feb-1995	SURVEY DATE = 31-Dec-2000
LEVELLED DATE = 31-Dec-1977	
	4795
4795-A	REVISION DATE = 31-Dec-2000
REVISION DATE = 31-Dec-1980	SURVEY DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-1980	
	1:5000
4795-B	
REVISION DATE = 24-Mar-2008	4858
SURVEY DATE = 31-Dec-1980	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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Key

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Proposed Layout

Proposed Retaining Wall

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rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

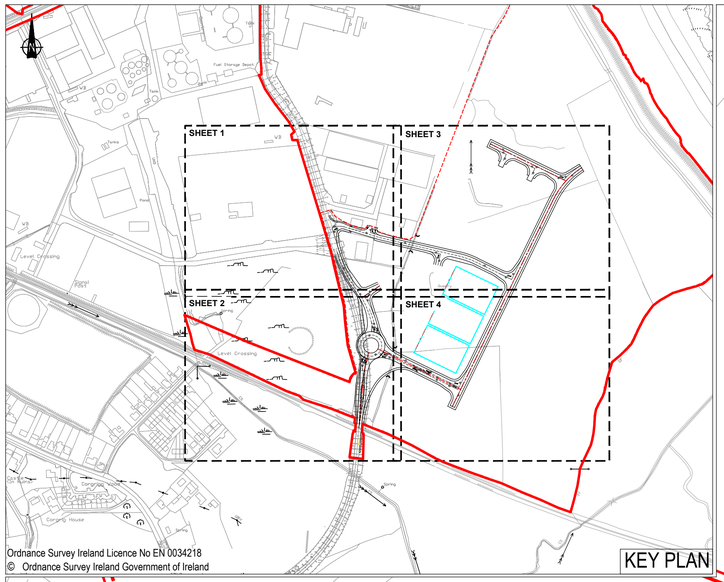
Title

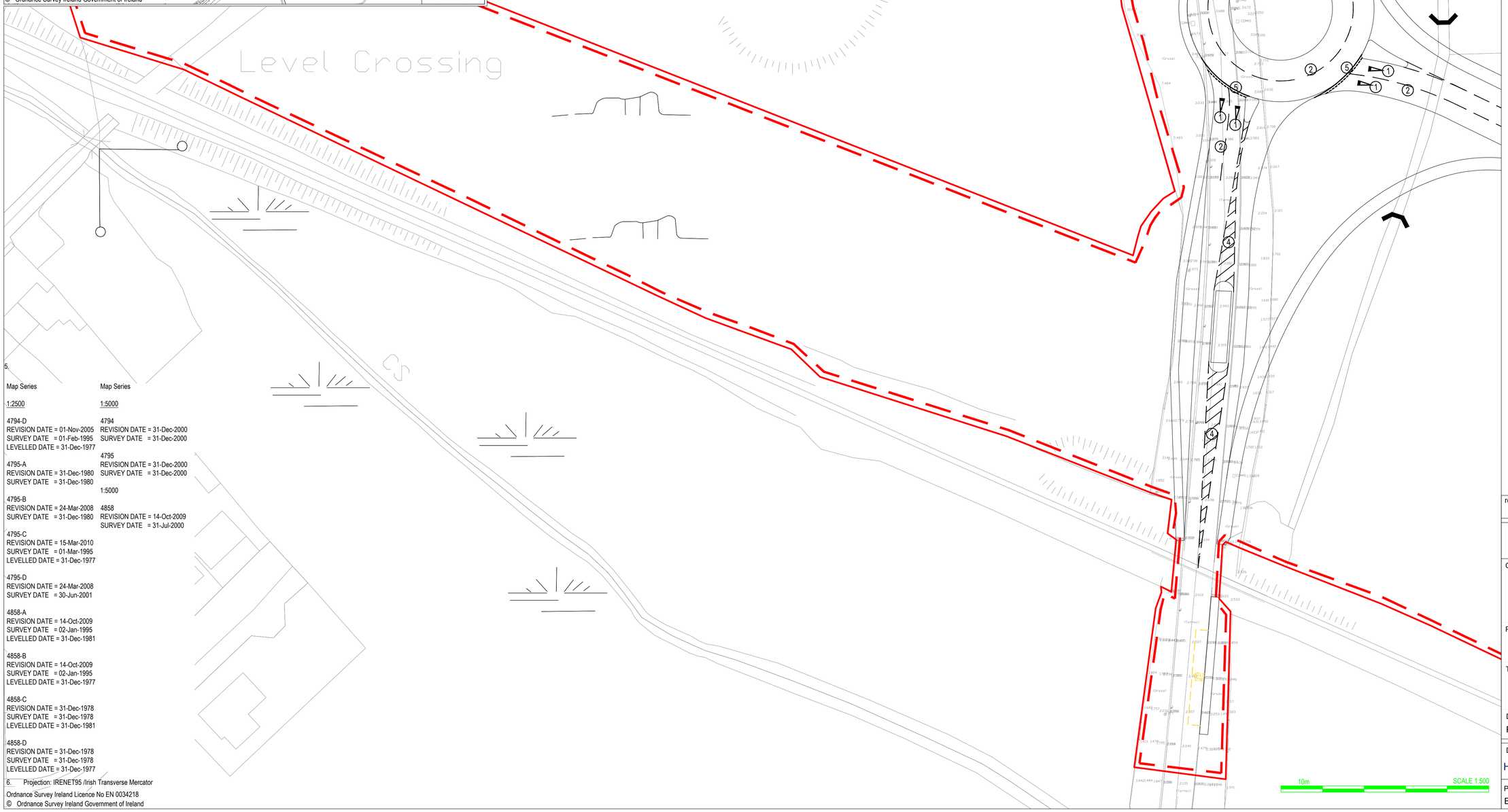
Proposed Road Markings - Sheet 1 of 4

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





5.

Map Series	Map Series
1:2500	1:5000
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6. Projection: IRENET95 /Irish Transverse Mercator

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4. Datum: Ordance 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.

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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 dirtection 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

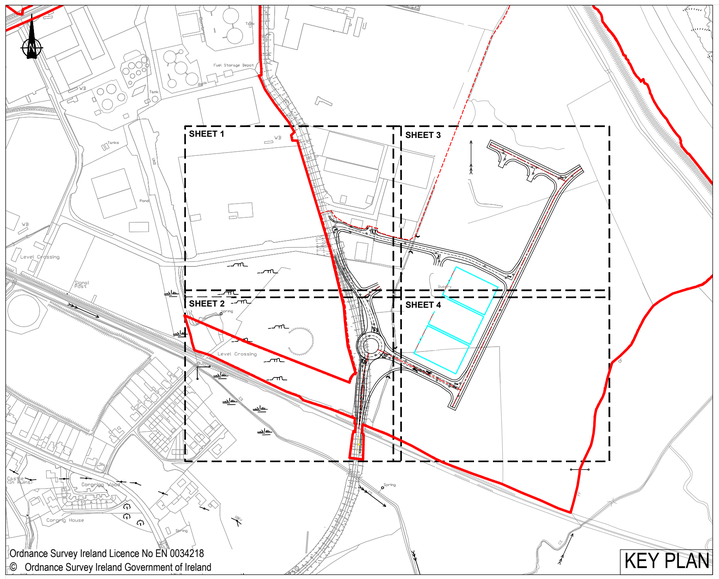
Title

Proposed Road Markings - Sheet 2 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

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





NOTES

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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

Proposed Retaining Wall

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   Bifurcation Arrow - 8000mm long arrow: Colour White

5.

Map Series 1:2500	Map Series 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 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

10m SCALE 1:500

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

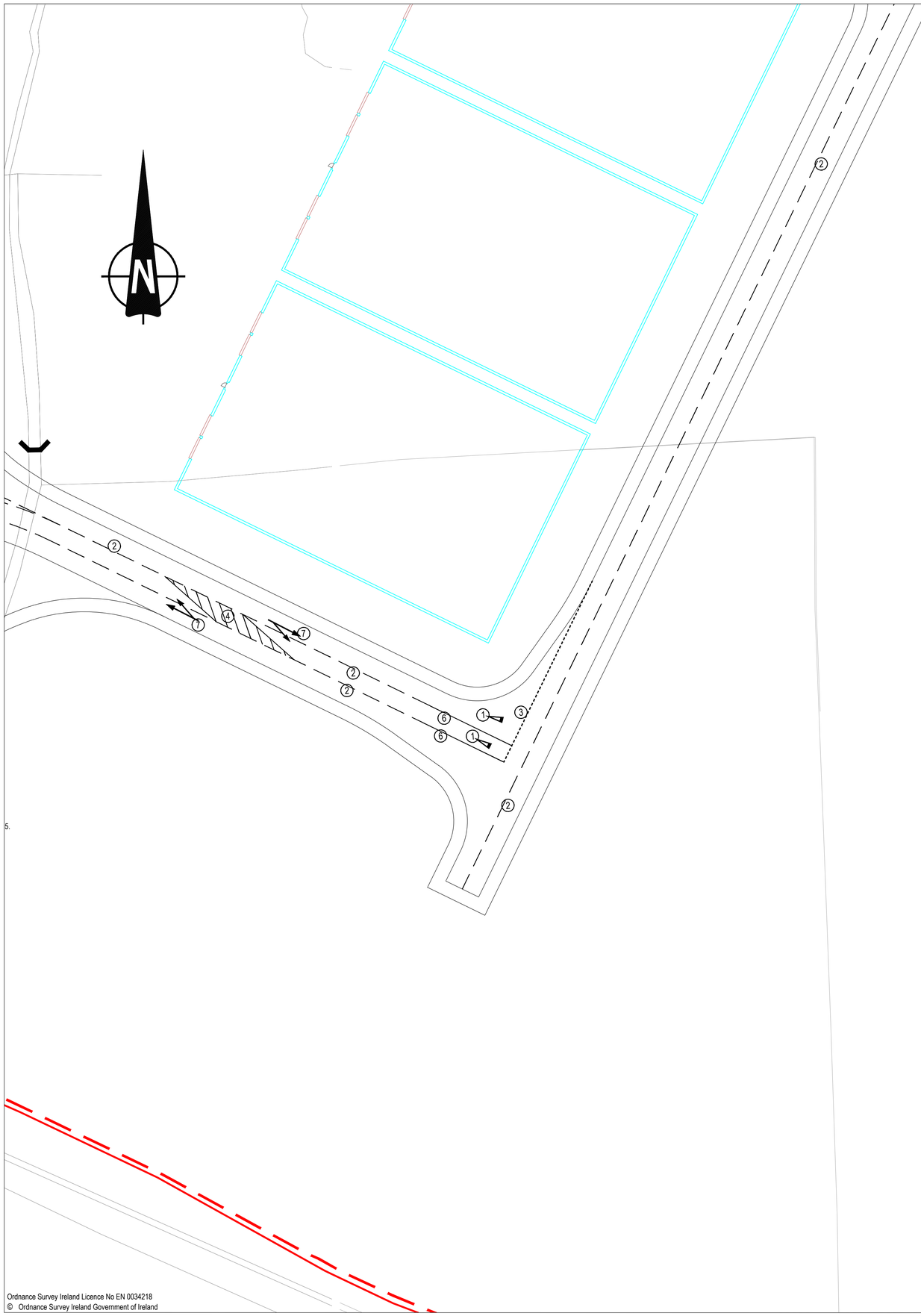
Proposed Road Markings - 3 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

Rev -

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



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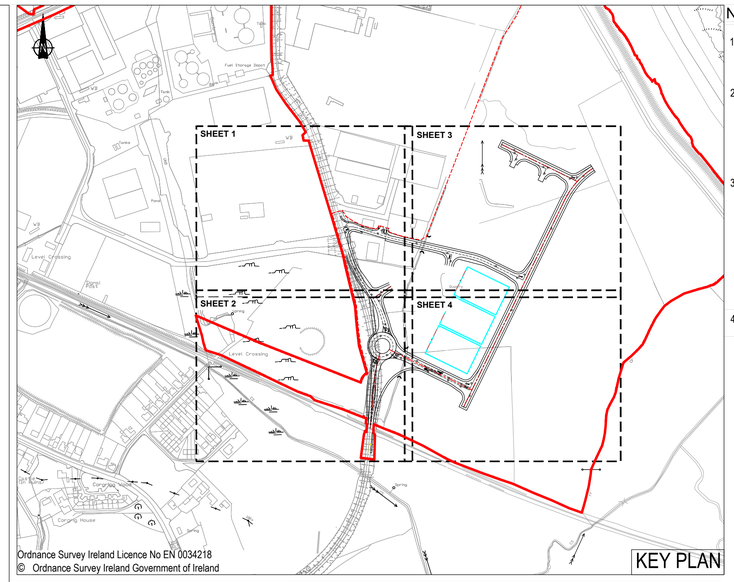

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KEY PLAN

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4. Datum: Ordnance Datum Malin

Key

Existing Layout

Proposed Layout

Proposed Retaining Wall

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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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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

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

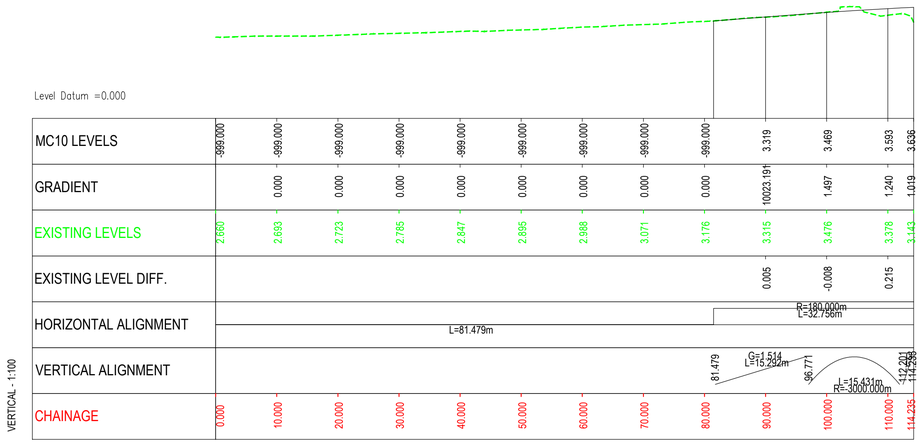
Title

Proposed Road Markings - 4 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

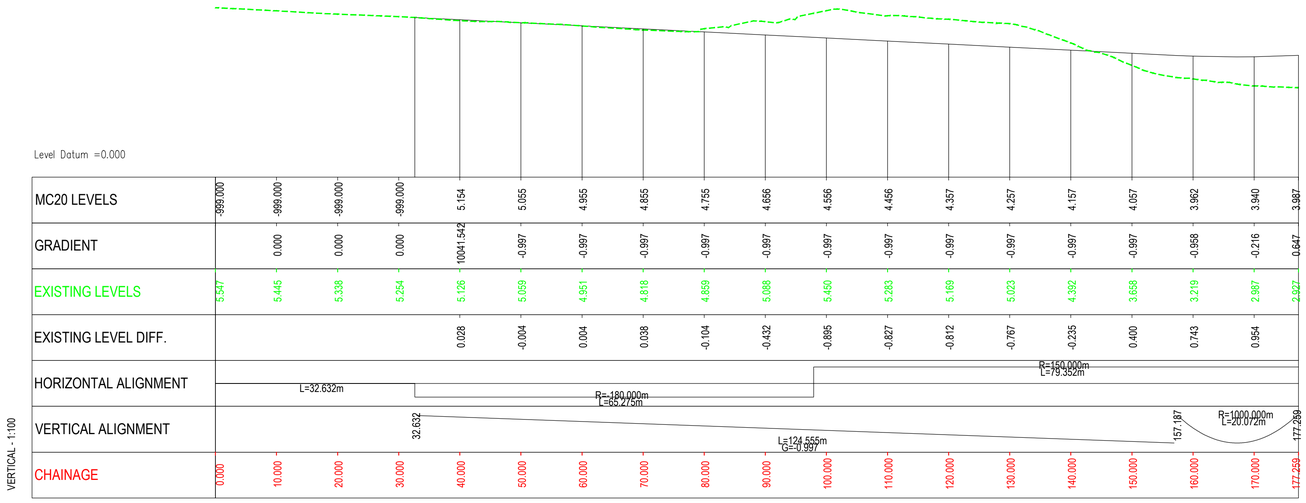
Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-110-05	-

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



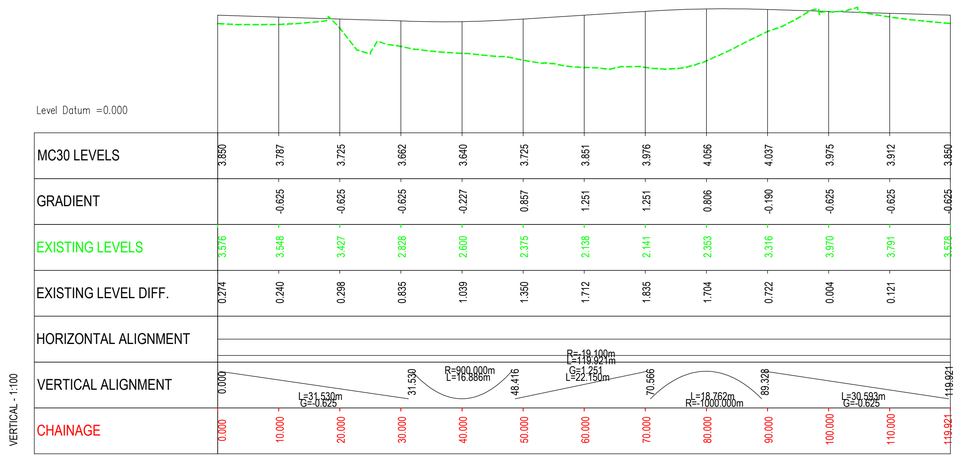
HORIZONTAL - 1:500

PROPOSED MC10 ROAD LONGSECTION



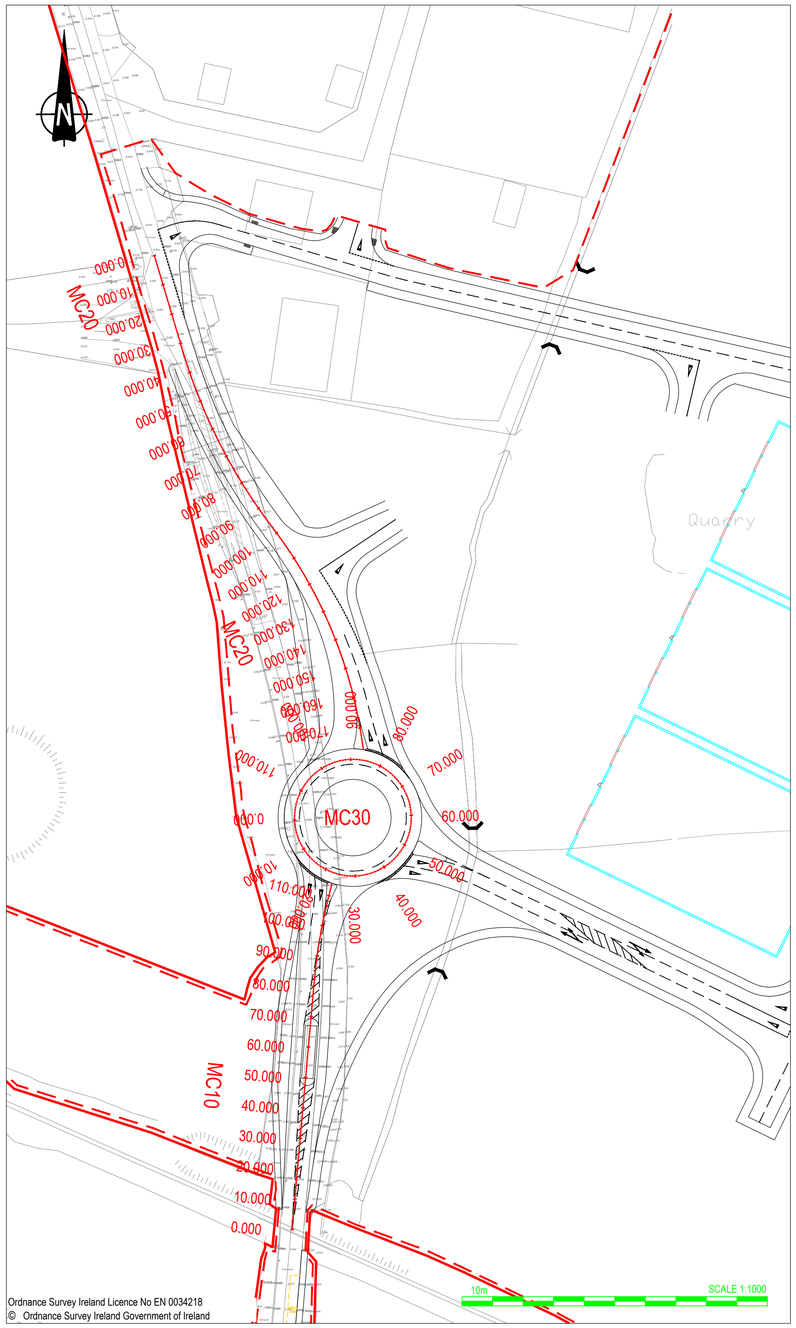
HORIZONTAL - 1:500

PROPOSED MC20 ROAD LONGSECTION



HORIZONTAL - 1:500

PROPOSED MC30 ROAD LONGSECTION



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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

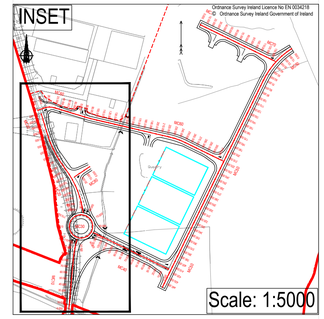
Proposed Layout

0.000 10.000 20.000

Longsection Key

Existing Layout

Proposed Layout



rev	amendments	drawn	date

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Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

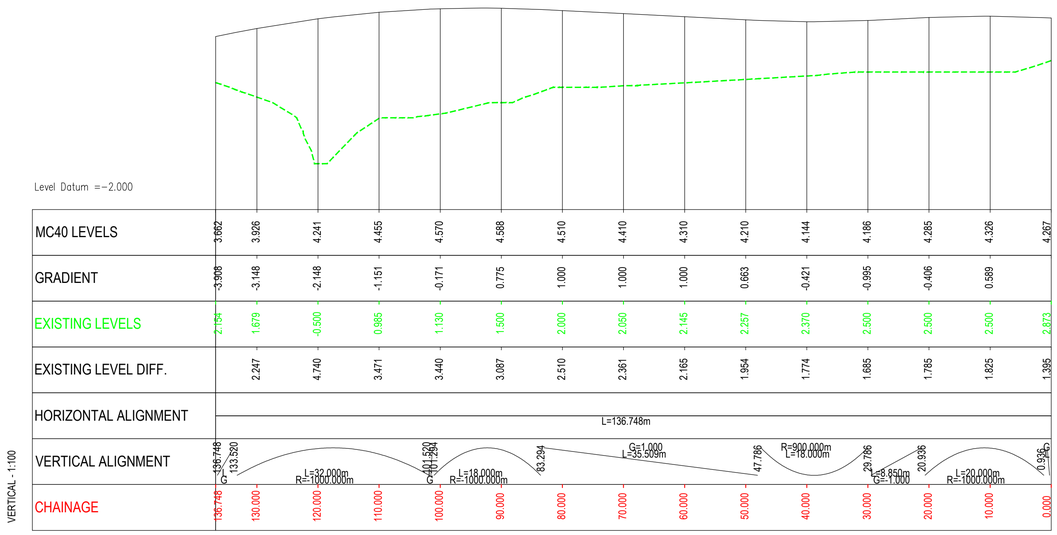
Proposed Longsection - Sheet 1 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

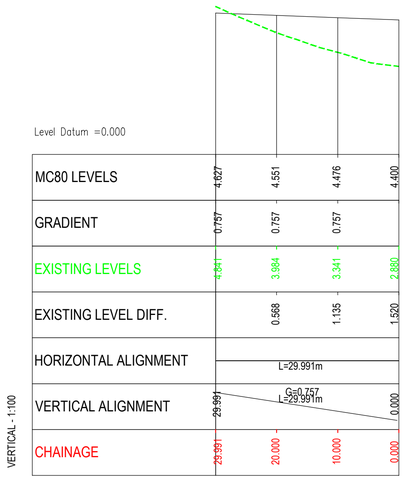
Drawing Number — Rev -

H0548-RPS-XX-00-DR-HE-130-01

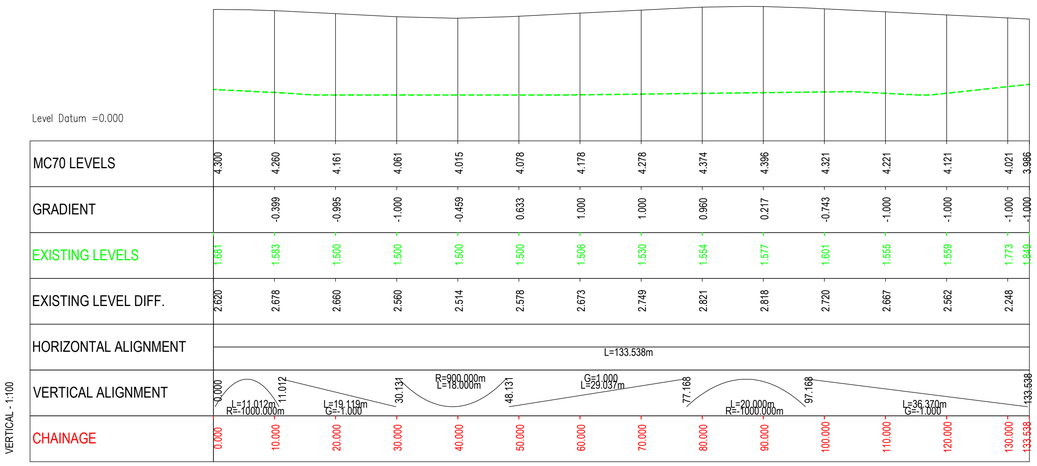
Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB



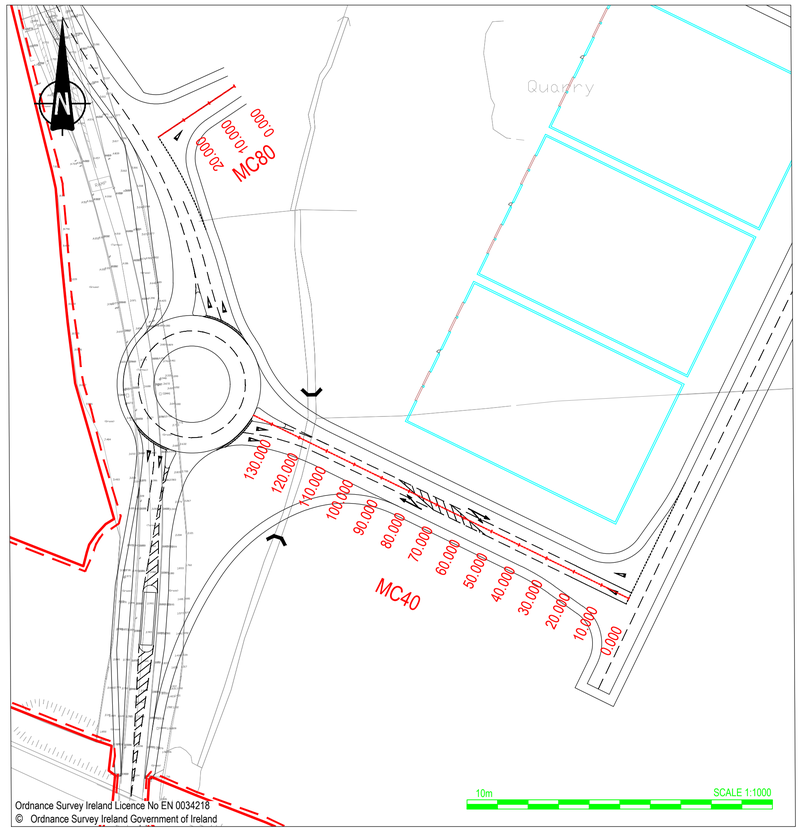
PROPOSED MC40 ROAD LONGSECTION

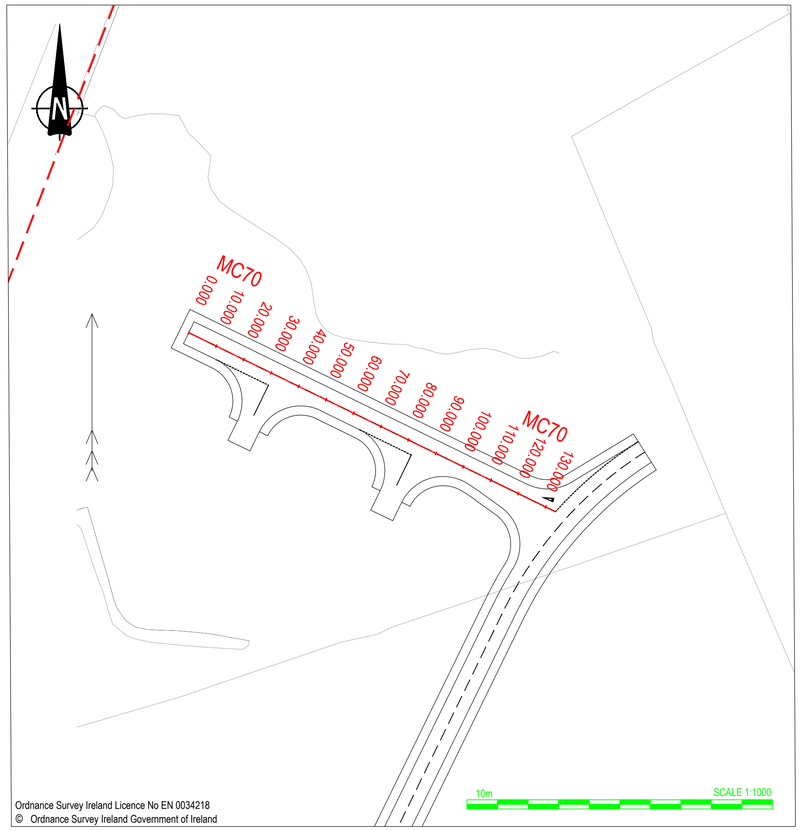


PROPOSED MC80 ROAD LONGSECTION



PROPOSED MC70 ROAD LONGSECTION





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Key

Existing Layout

Proposed Layout

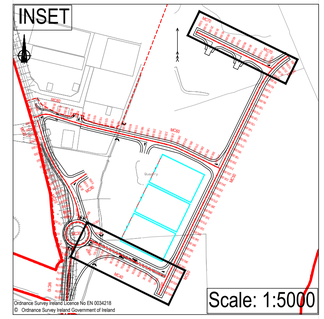
Proposed Layout

0.000 10.000 20.000

Longsection Key

Existing Layout

Proposed Layout



rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

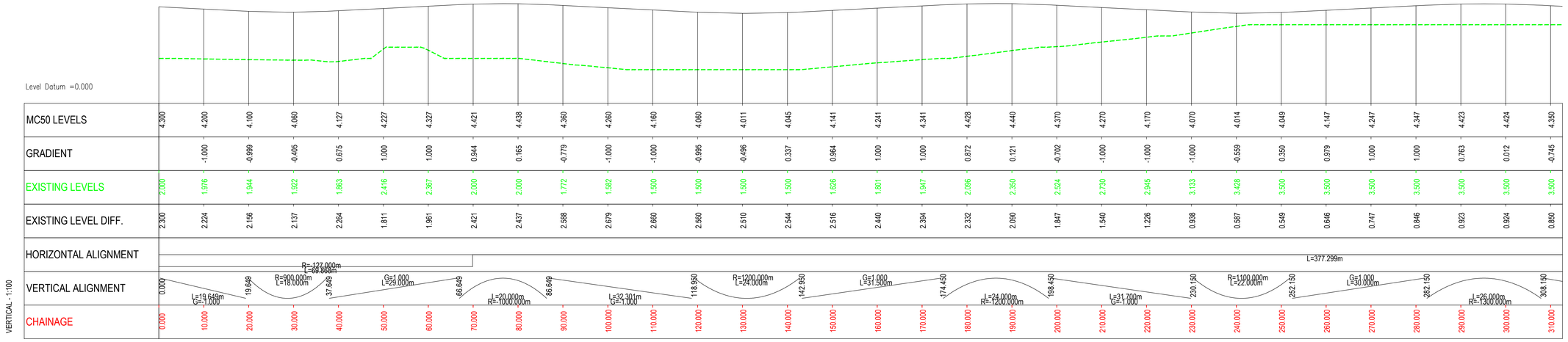
Proposed Longsection - Sheet 2 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

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

Rev -

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



HORIZONTAL - 1:500

PROPOSED MC50 ROAD LONGSECTION

PROPOSED MC50 ROAD LONGSECTION

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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

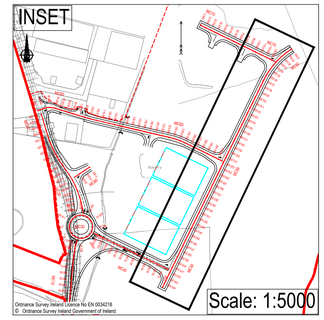
Proposed Layout

0.000 10.000 20.000

Longsection Key

Existing Layout

Proposed Layout



rev	amendments	drawn	date

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Client

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Capacity Extension at Shannon Foynes

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Proposed Longsection - Sheet 3 of 4

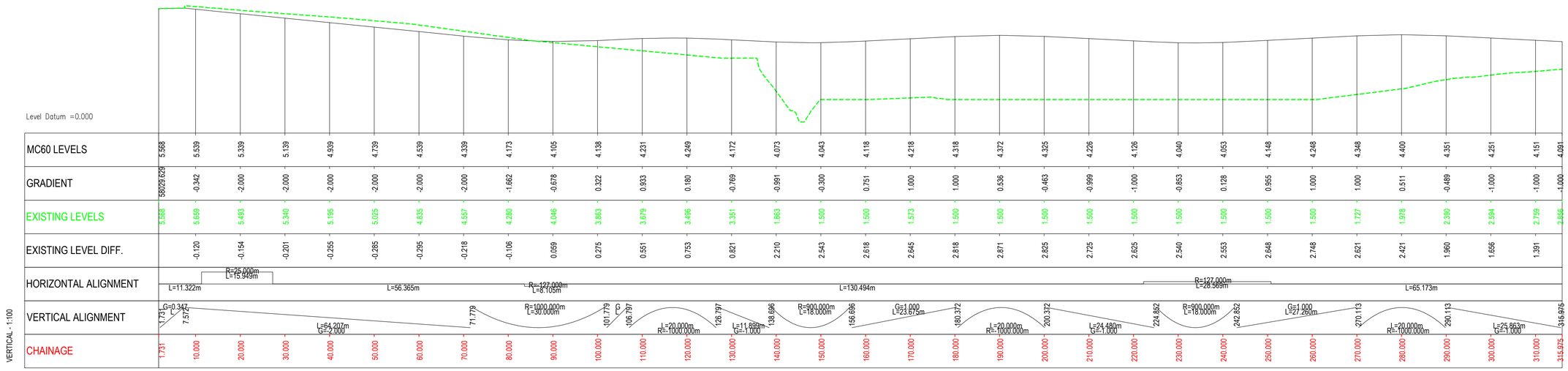
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number

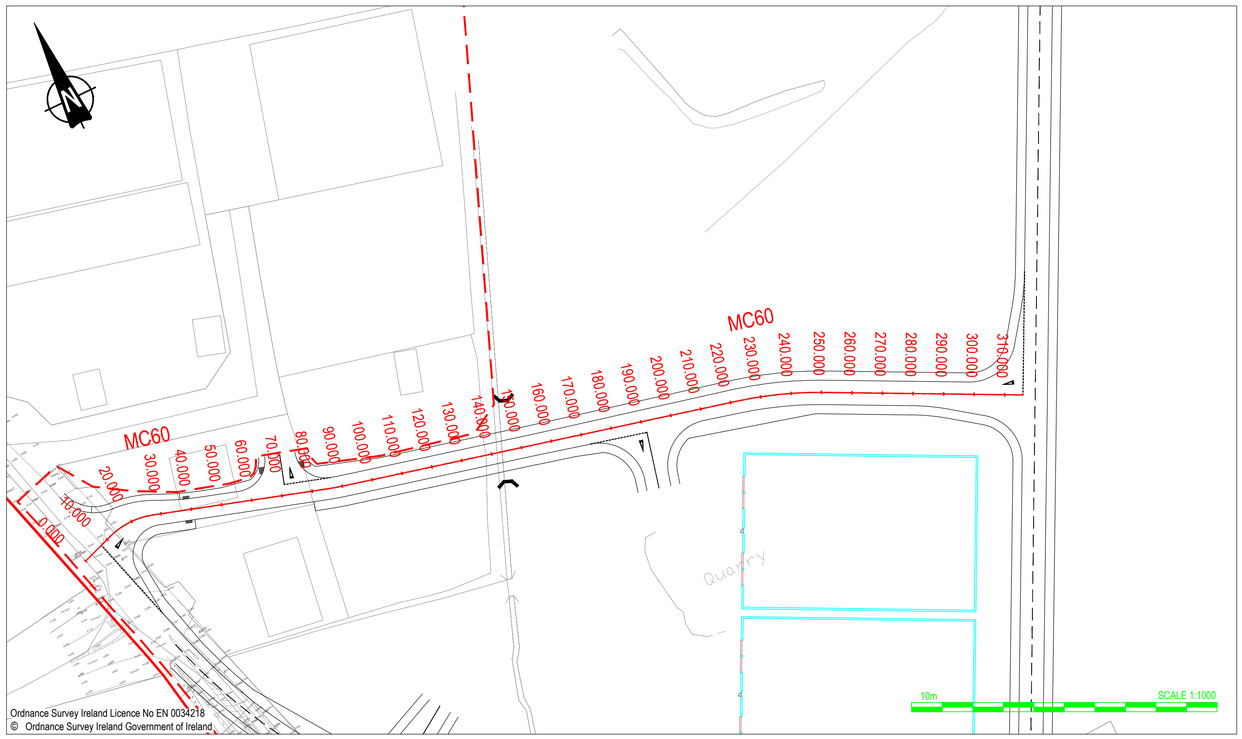
H0548-RPS-XX-00-DR-HE-130-03

Rev -

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



PROPOSED MC60 ROAD LONGSECTION



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Existing Layout

Proposed Layout

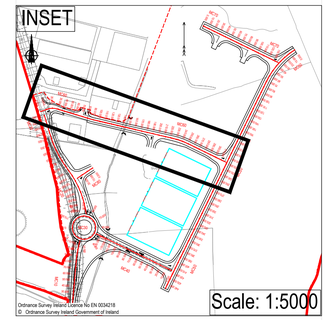
Proposed Layout

0.000 10.000 20.000

Longsection Key

Existing Layout

Proposed Layout



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Client

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Project

Capacity Extension at Shannon Foynes

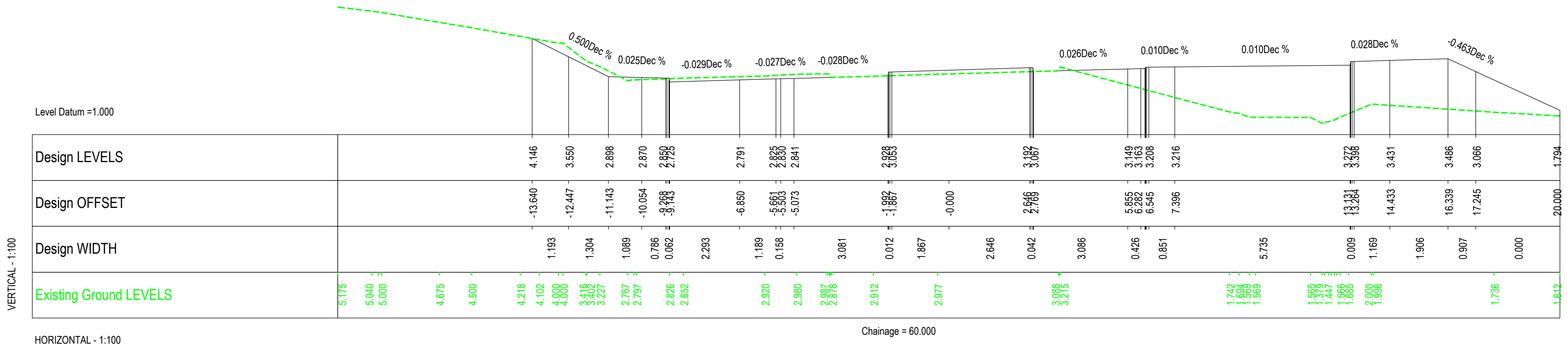
Title

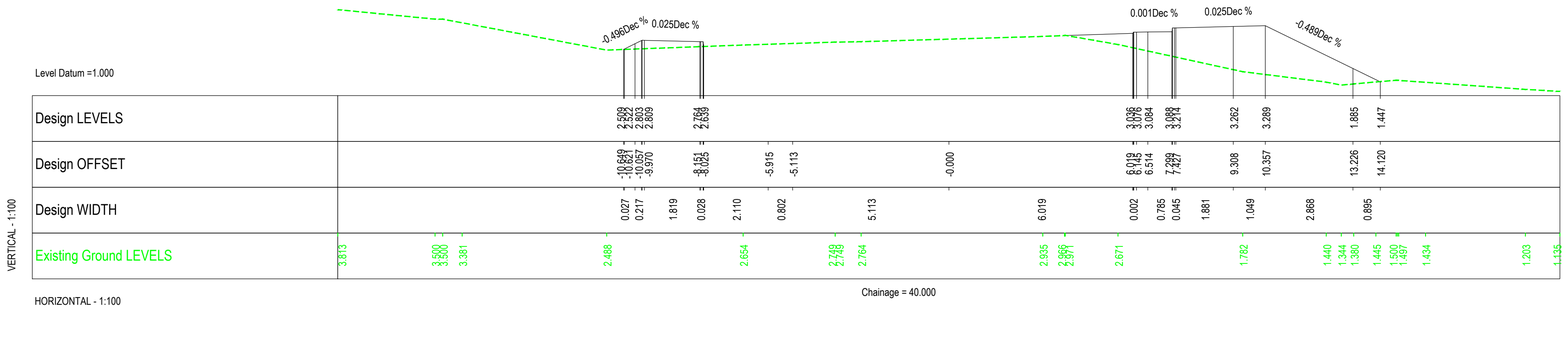
Proposed Longsection - Sheet 4 of 4

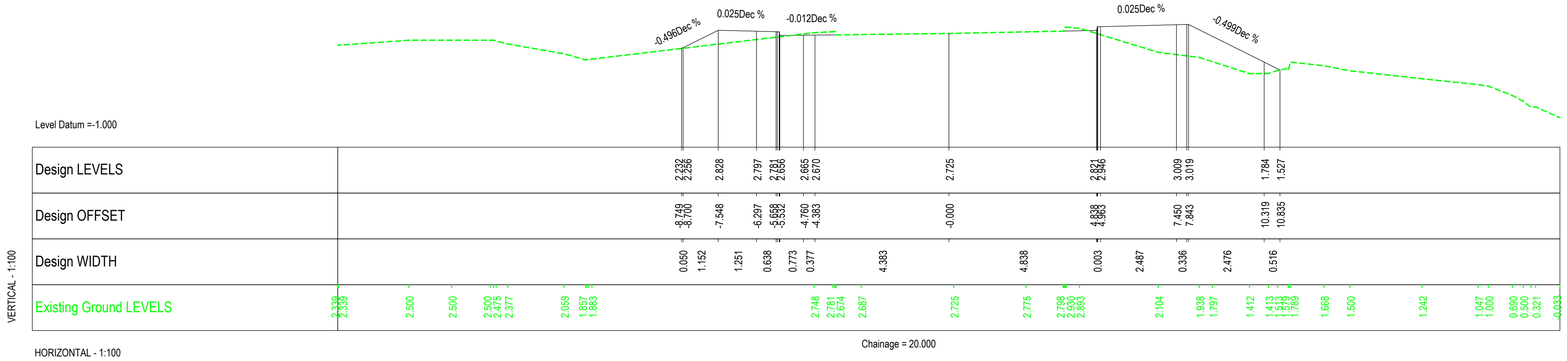
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

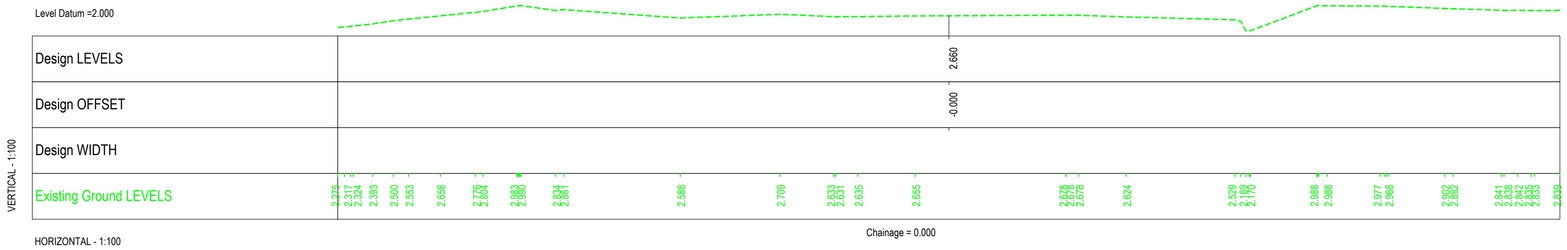
Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-130-04	-

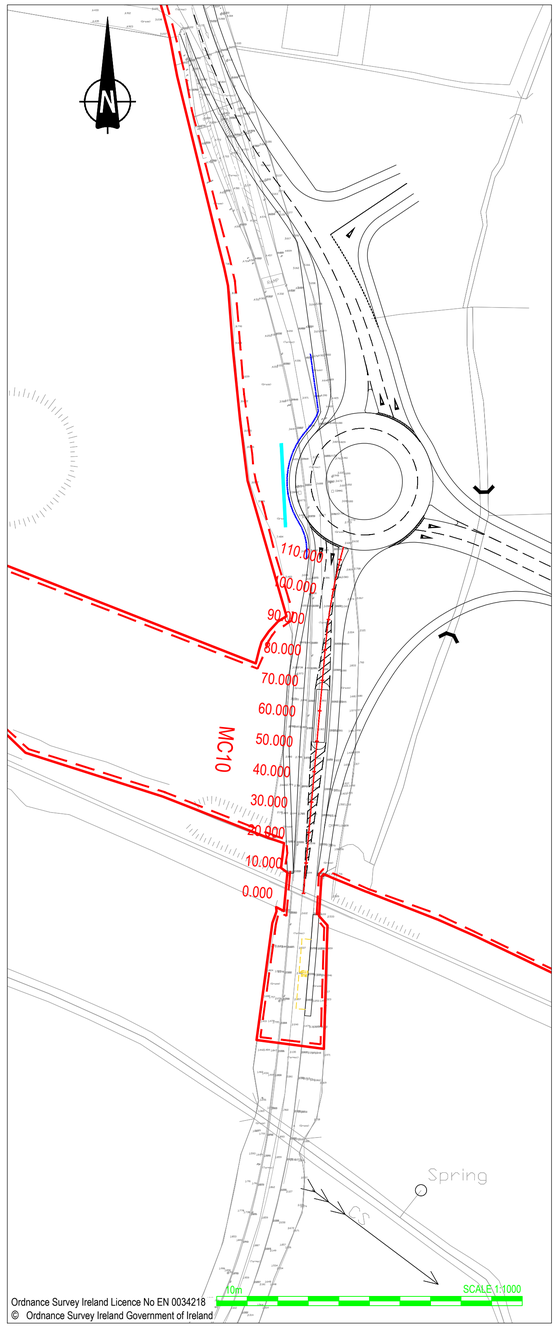
Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB











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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

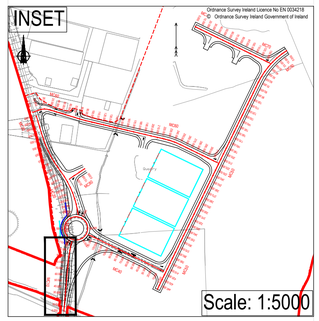
Proposed Layout

0.000 10.000 20.000

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 1 of 2

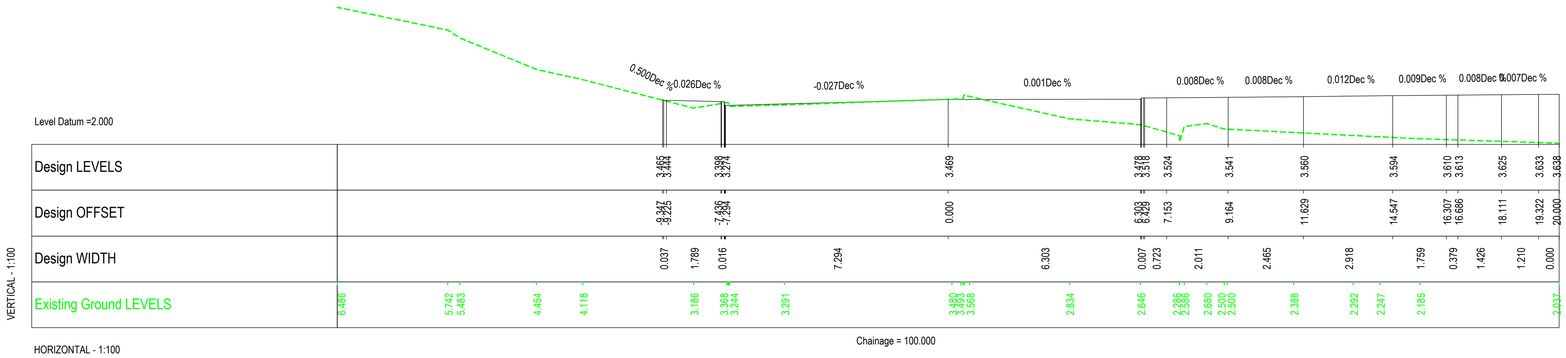
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

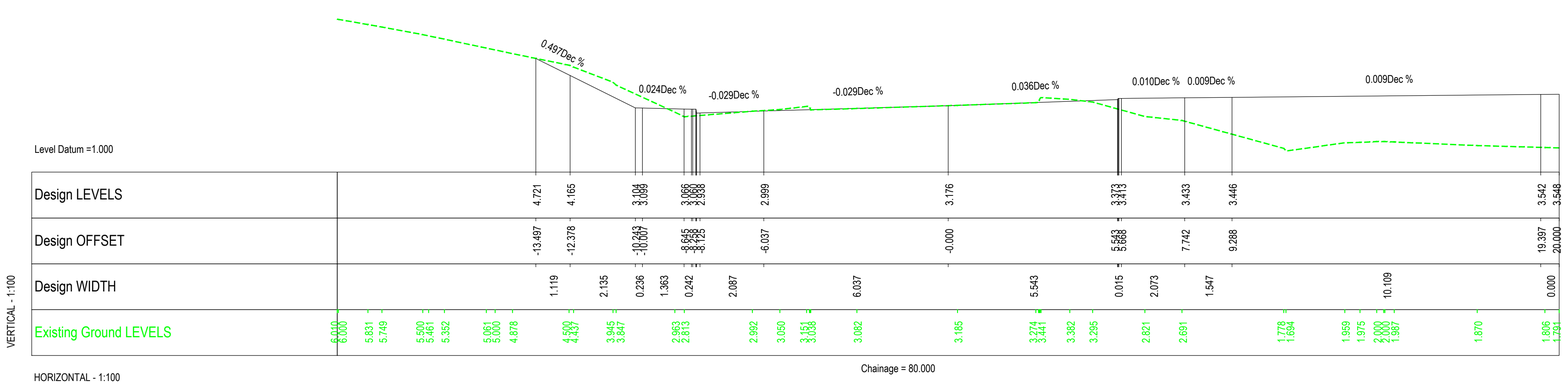
Drawing Number

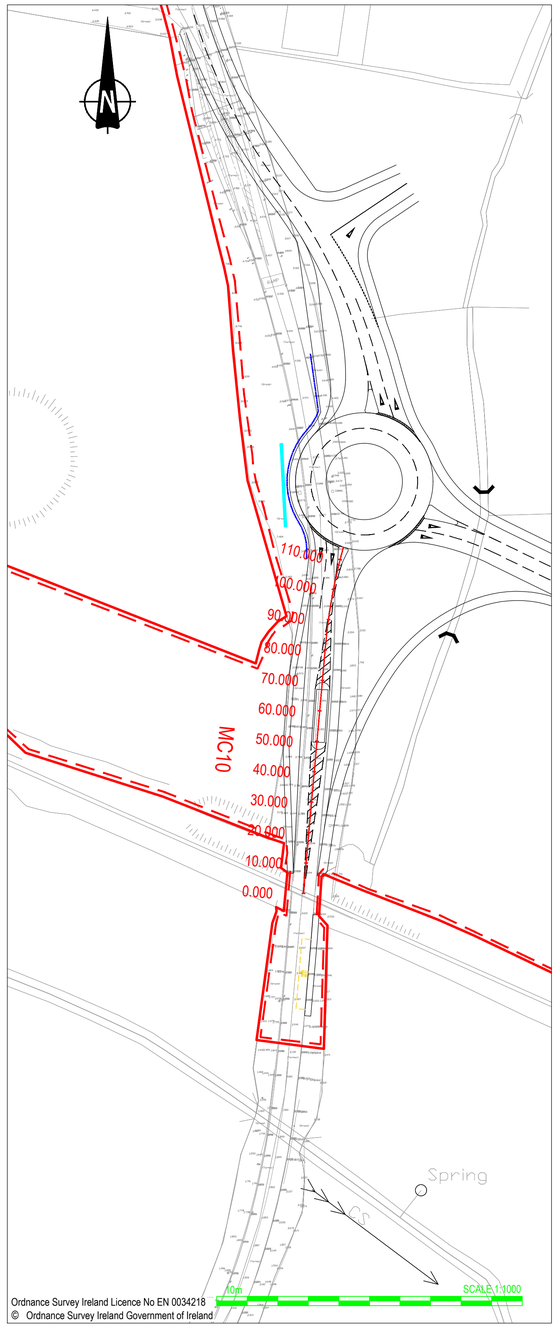
H0548-RPS-XX-00-DR-HE-140-01

Rev -

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







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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

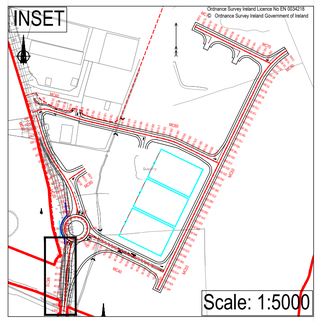
Proposed Layout

0.000 10.000 20.000

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

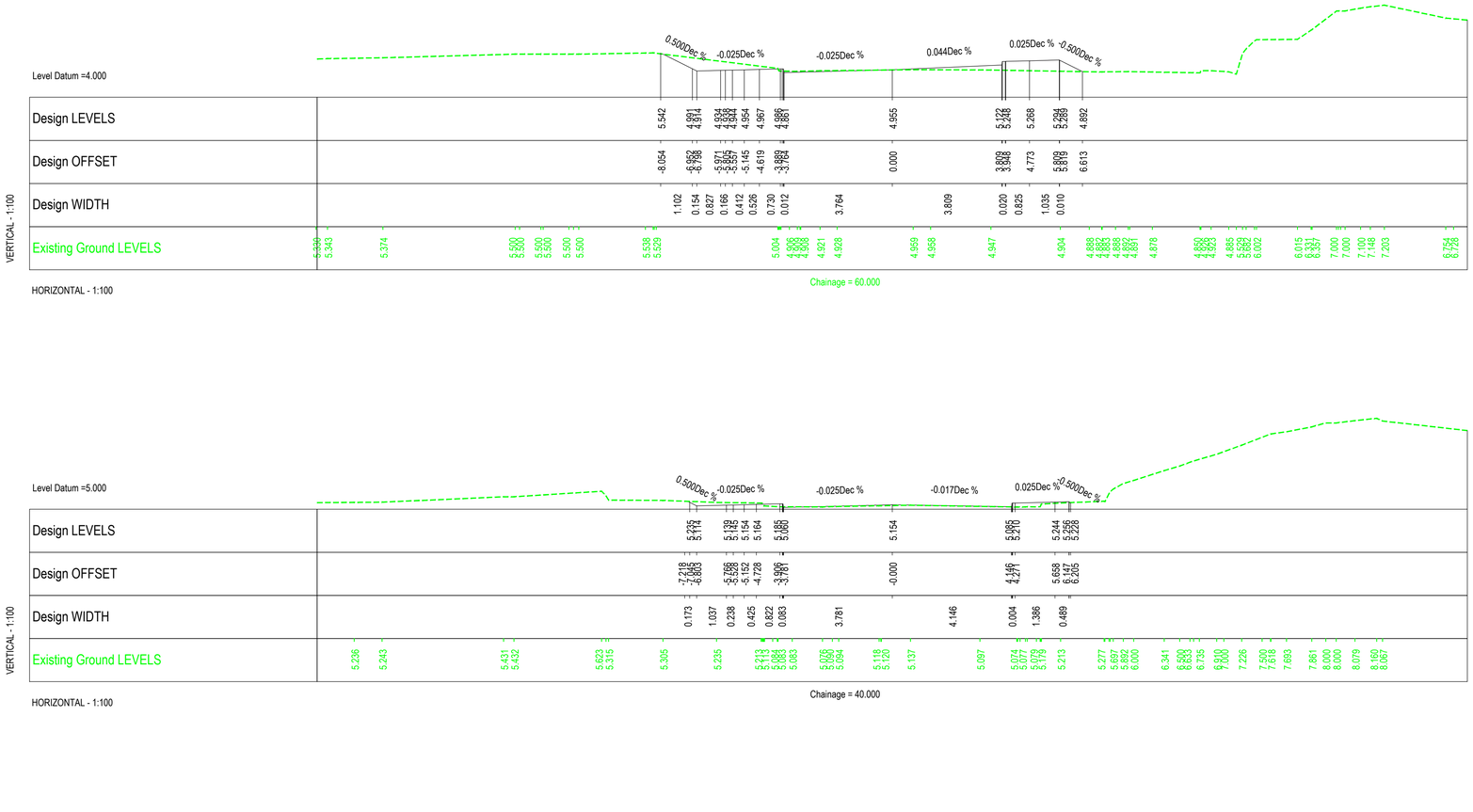
Proposed Cross Section (MC10) - Sheet 2 of 2

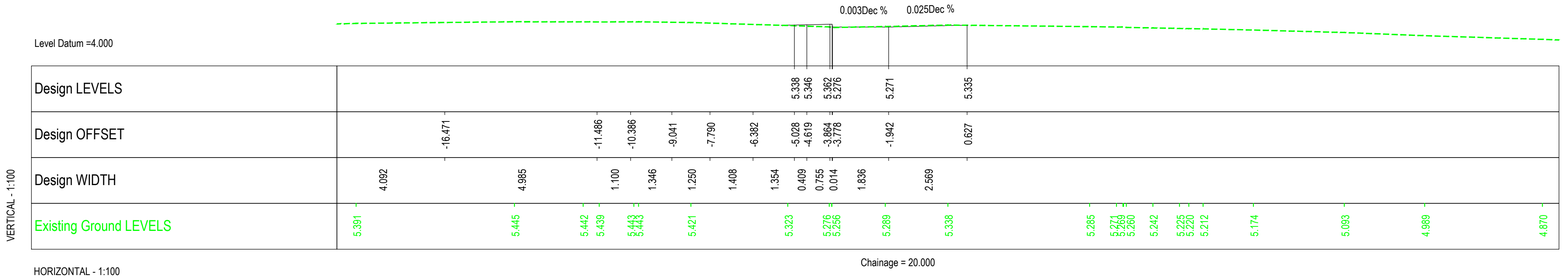
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

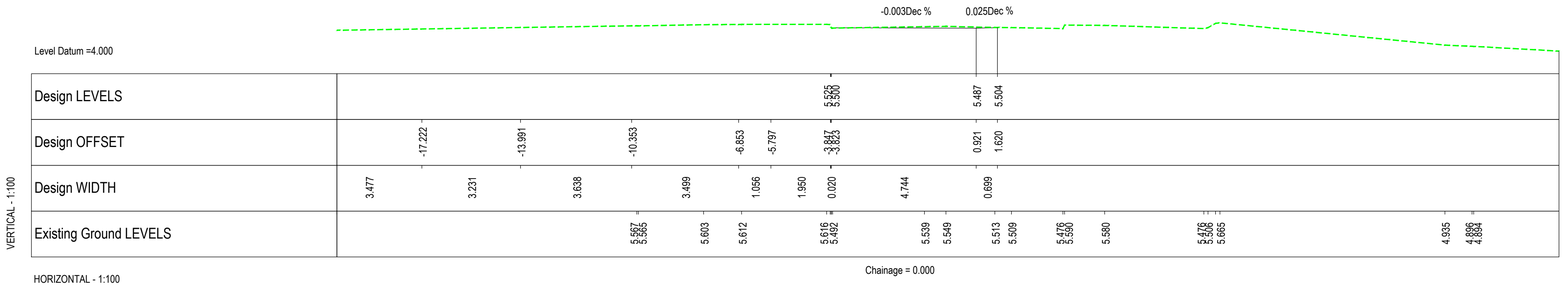
Drawing Number — Rev -

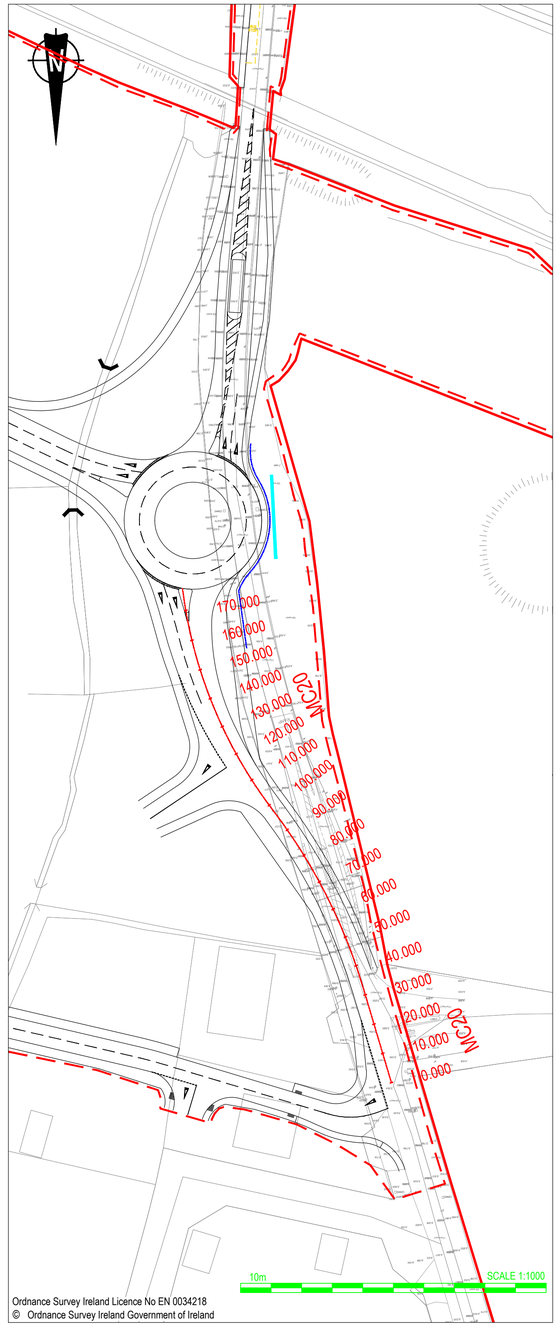
H0548-RPS-XX-00-DR-HE-140-02

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









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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

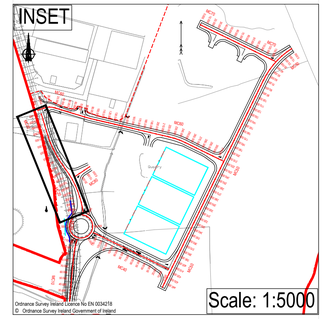
Proposed Layout

0.000 10.000 20.000

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

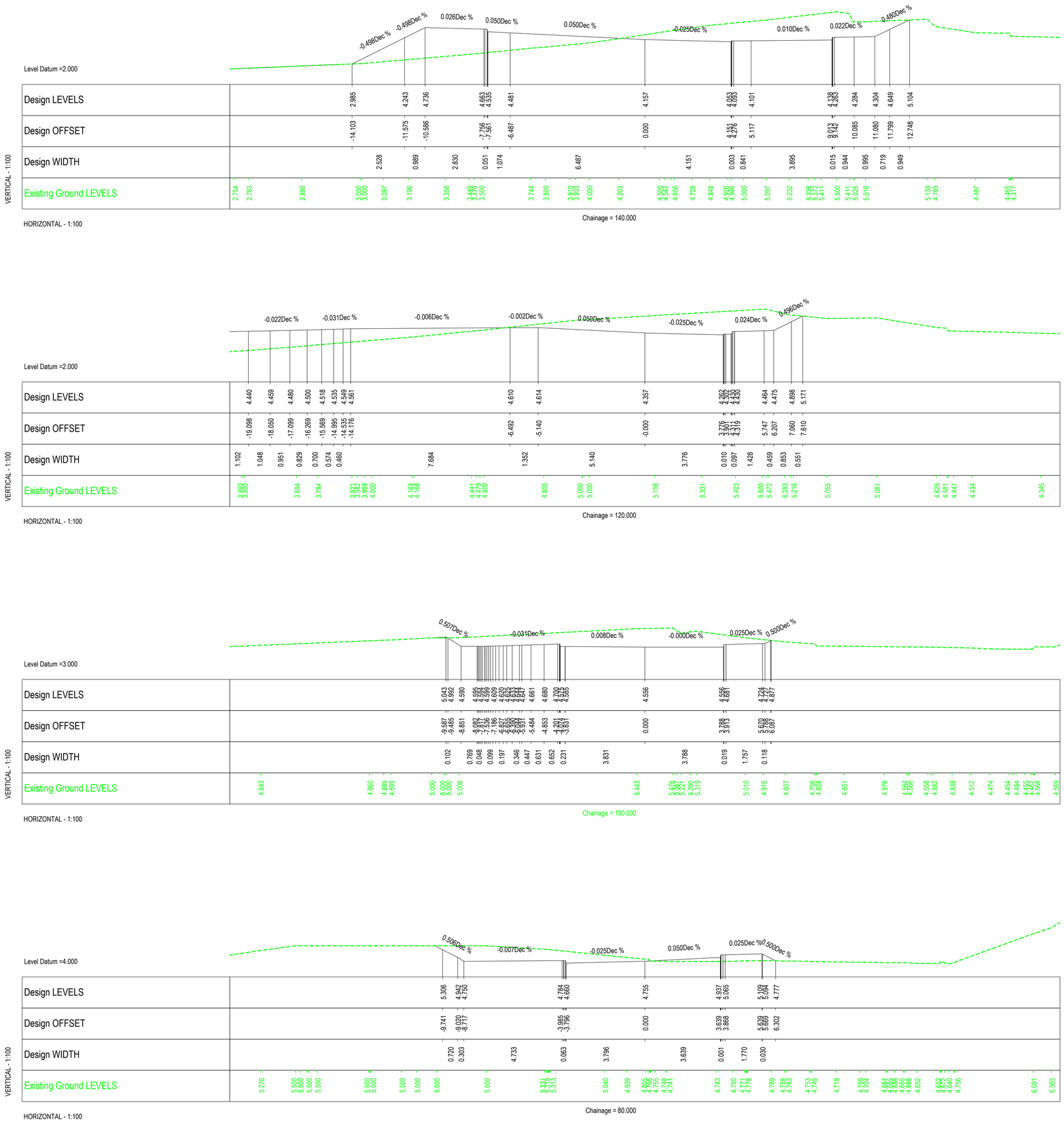
Title

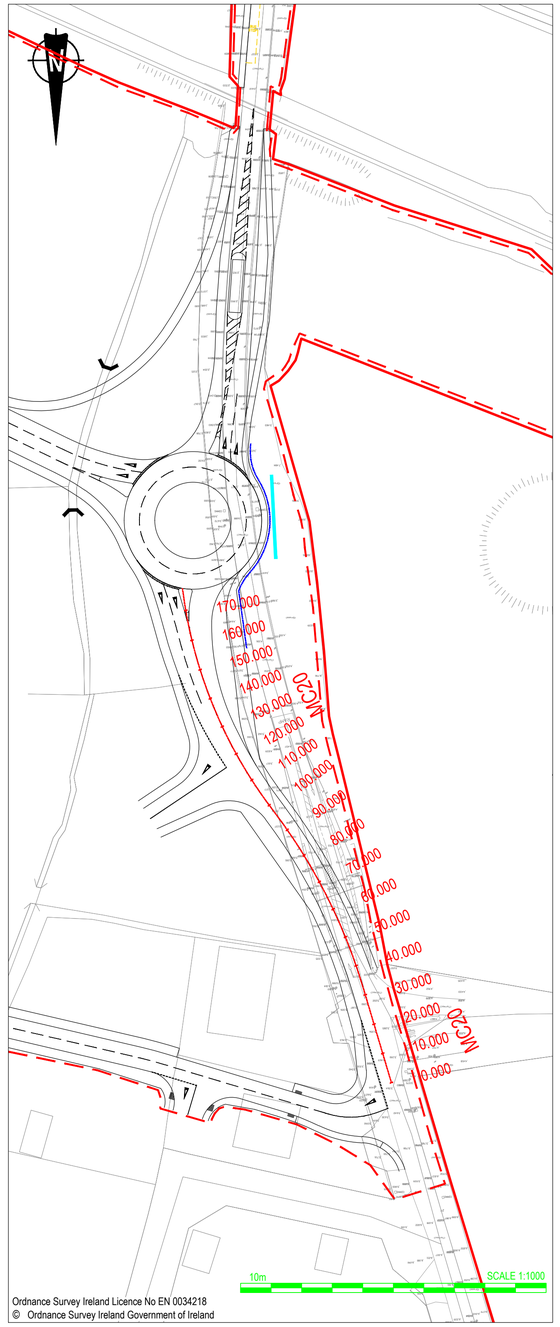
Proposed Cross Section (MC20) - Sheet 1 of 3

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	Initial Review
BD	DMI	April 2018	JB





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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

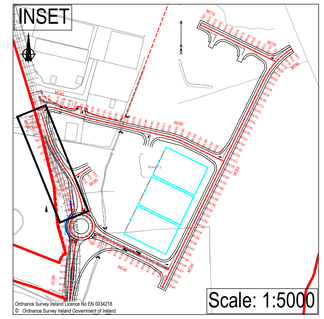
Proposed Layout

0.000 10.000 20.000

Cross-Section Key

Existing Layout

Proposed Layout



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Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

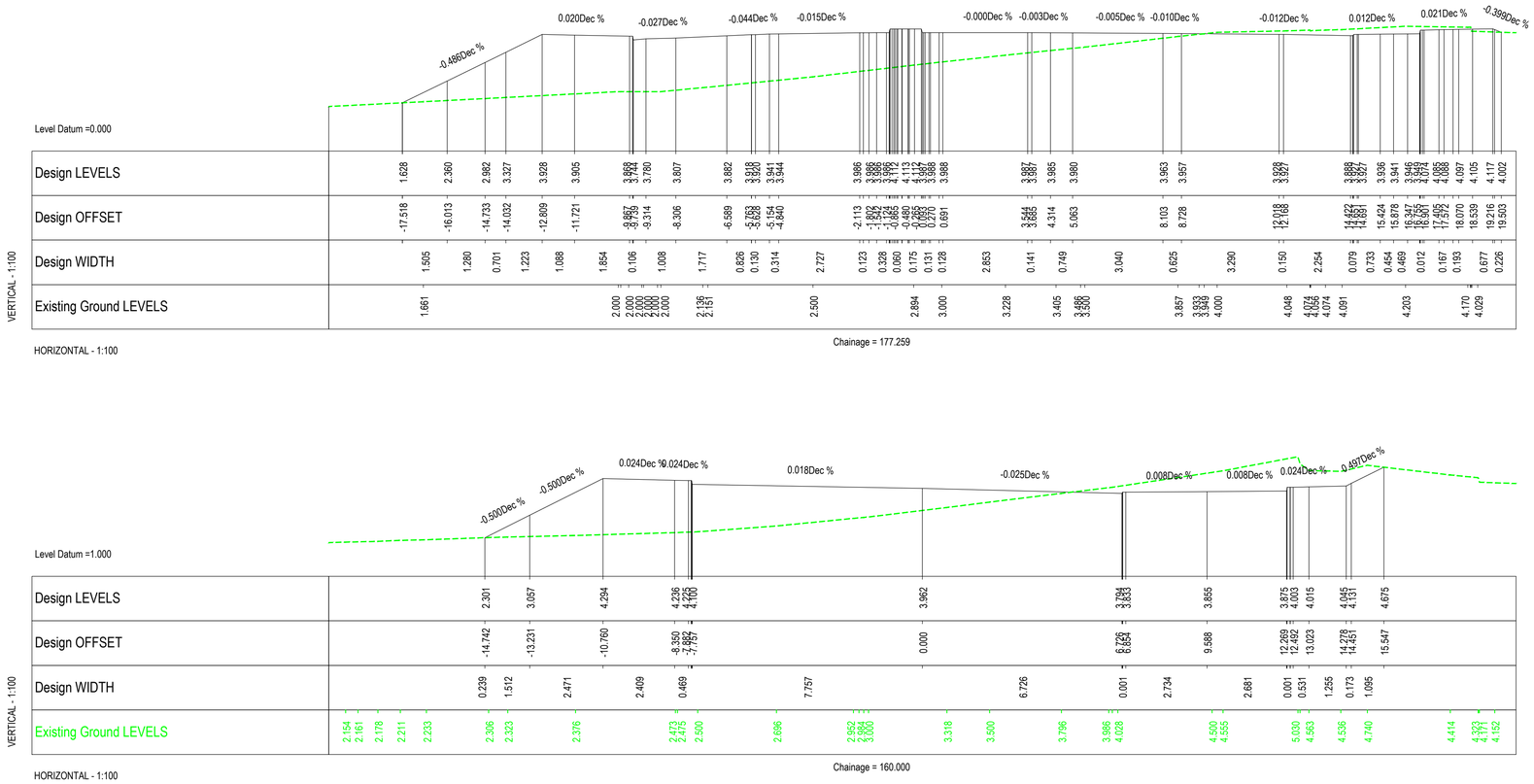
Proposed Cross Section (MC20) - Sheet 2 of 3

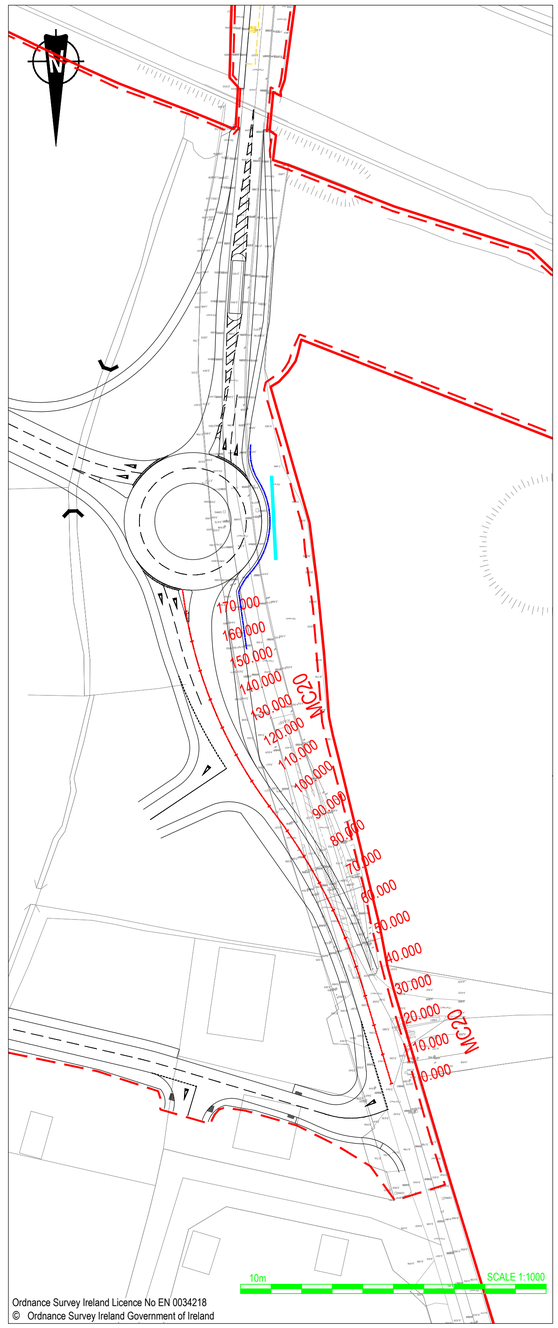
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number — Rev -

H0548-RPS-XX-00-DR-HE-140-04

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





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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

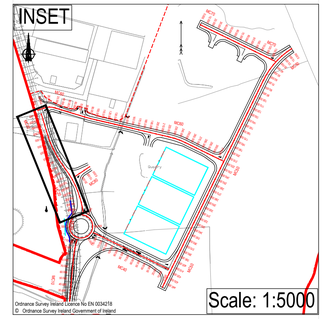
Proposed Layout

0.000 10.000 20.000

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

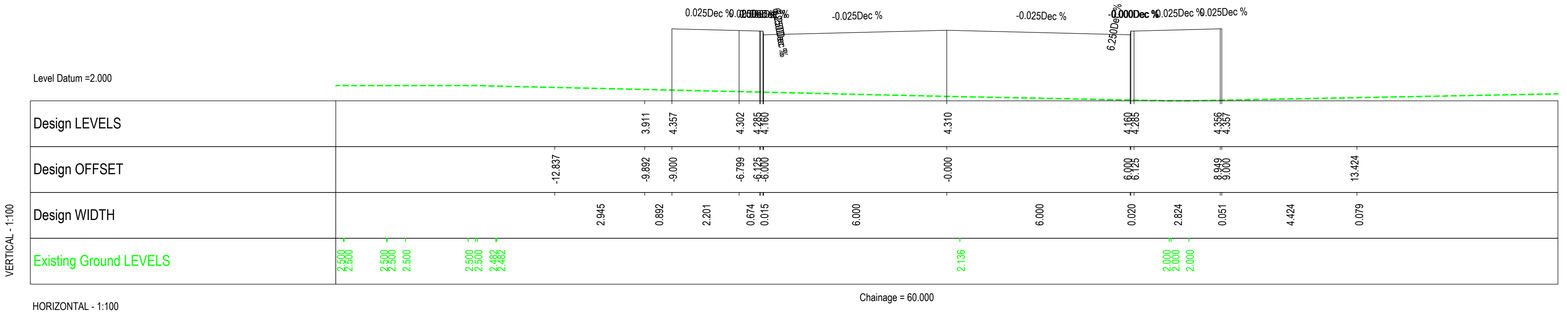
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

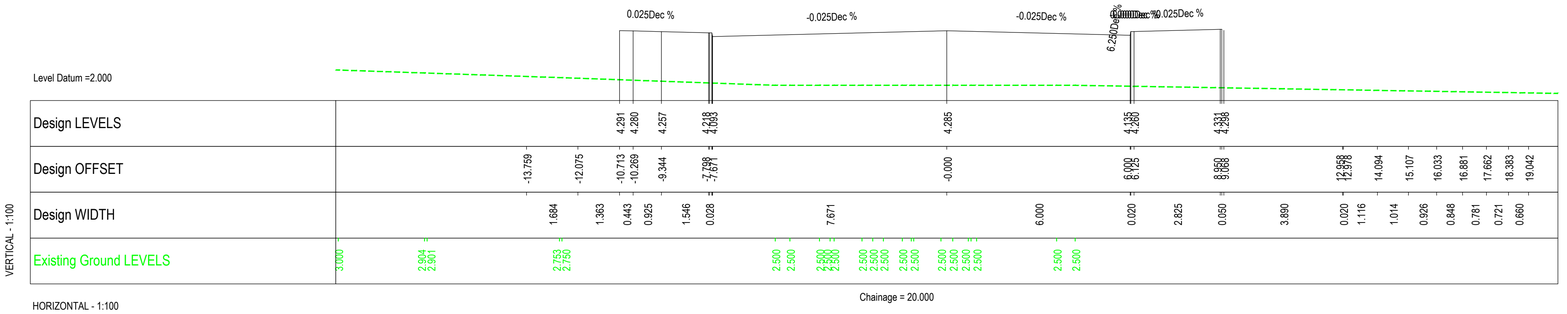
Drawing Number

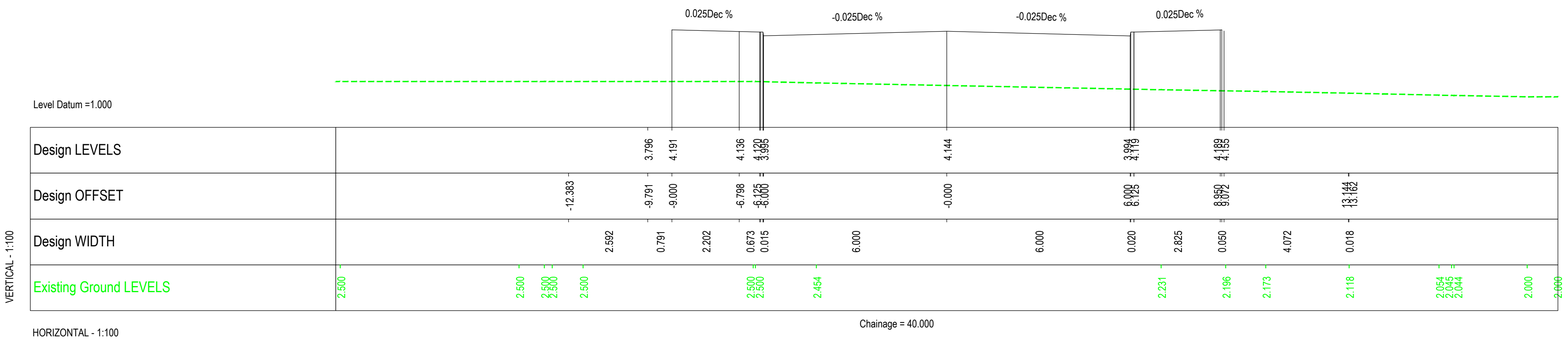
H0548-RPS-XX-00-DR-HE-140-05

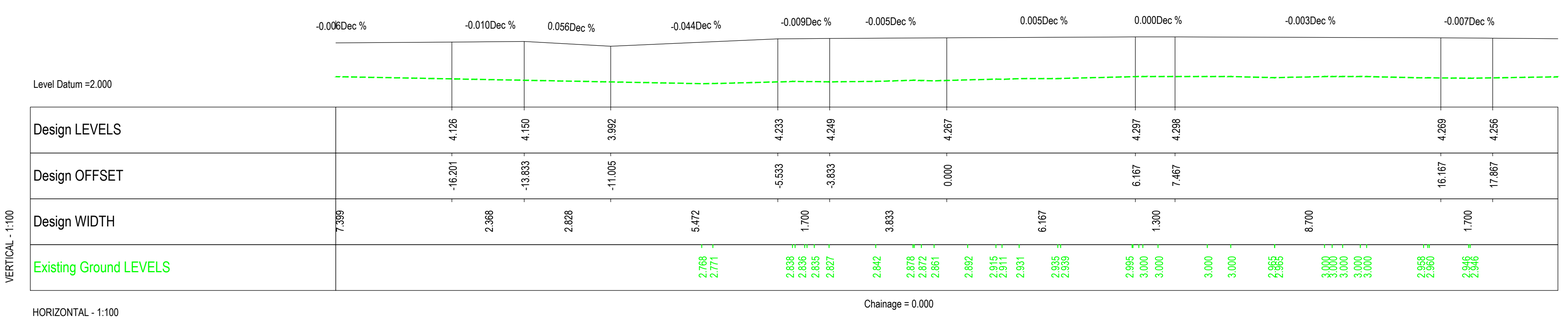
Rev -

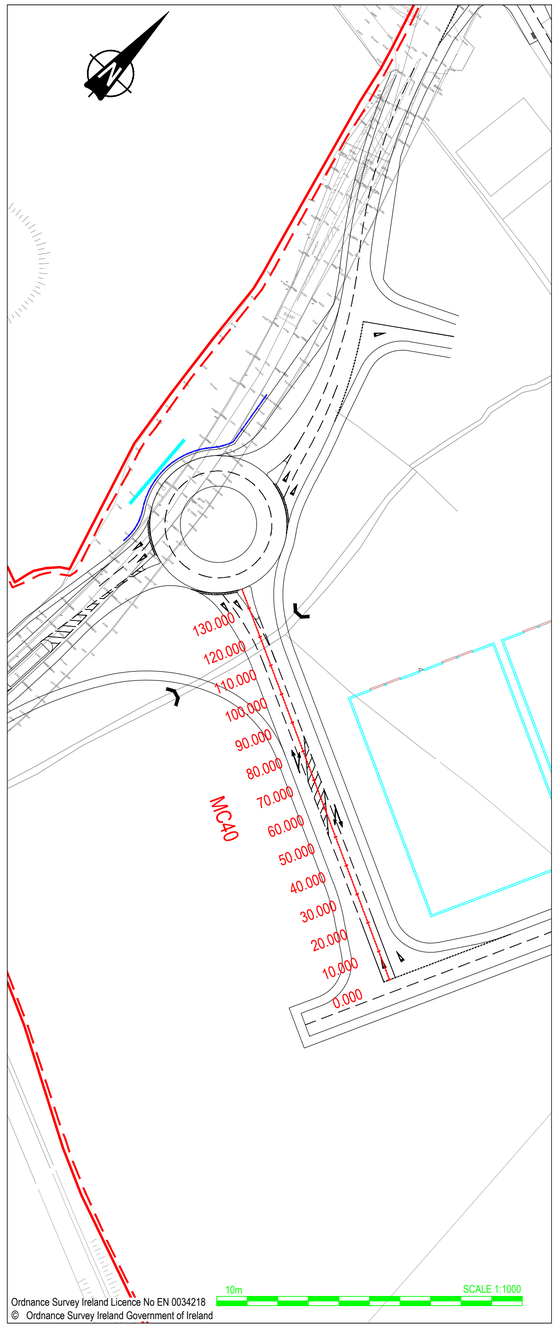
Project Leader	Drawn By	Date	Initial Review
BD	DMI	April 2018	JB











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Key

Existing Layout

Proposed Layout

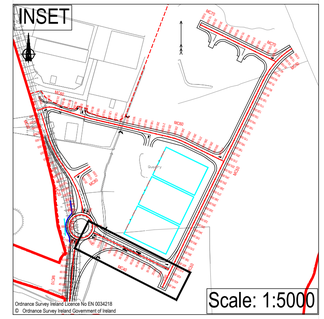
Proposed Layout

0.000 10.000 20.000

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

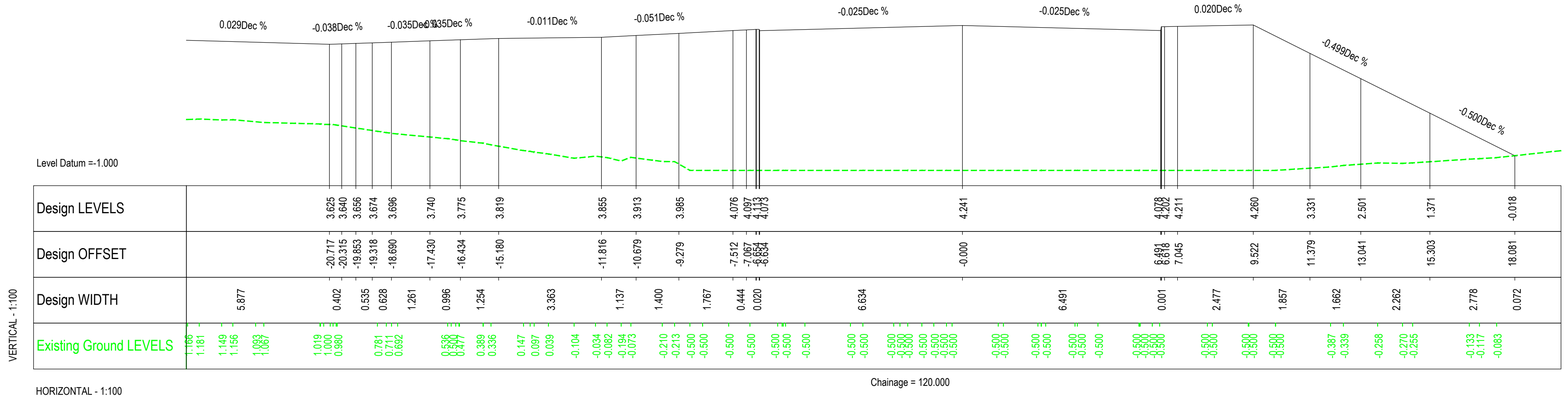
Proposed Cross Section (MC40) - Sheet 1 of 2

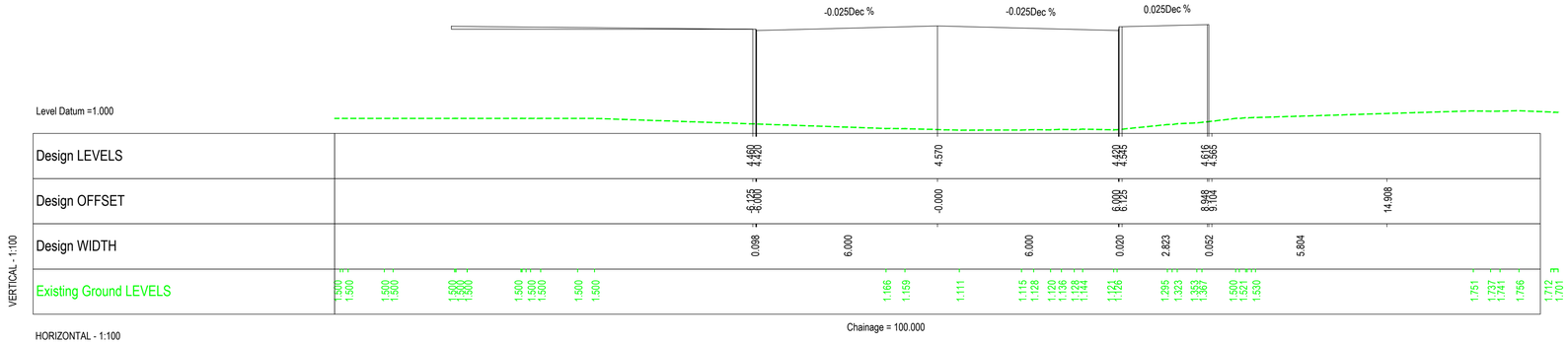
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

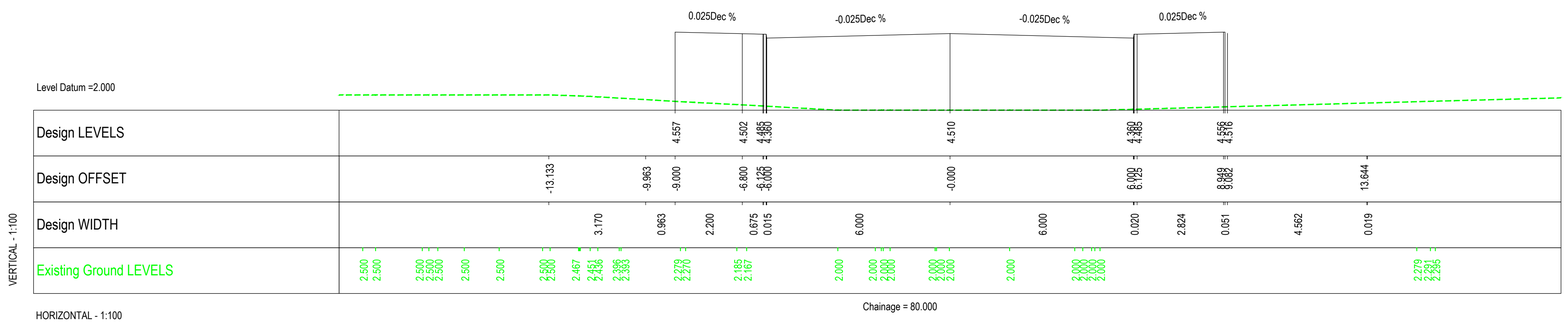
Drawing Number — Rev -

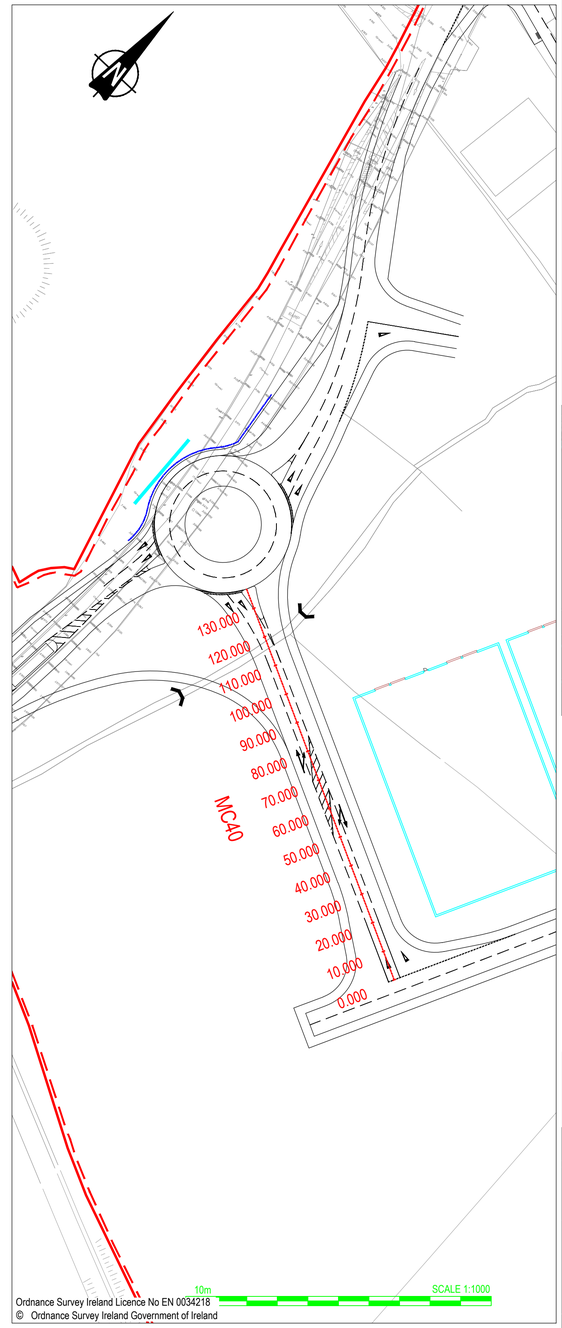
H0548-RPS-XX-00-DR-HE-140-06

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









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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

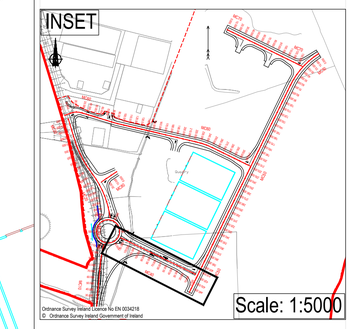
Proposed Layout

0.000 10.000 20.000

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 (MC40) - Sheet 2 of 2

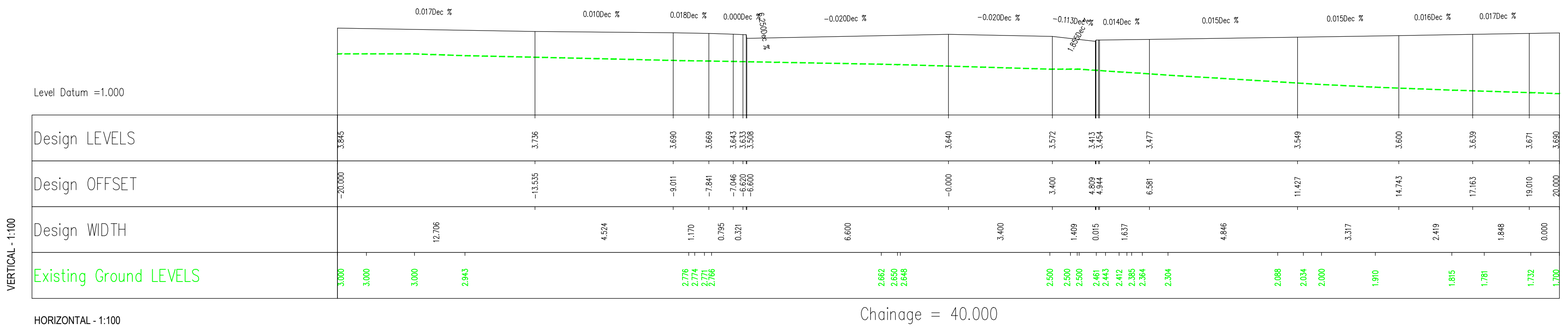
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

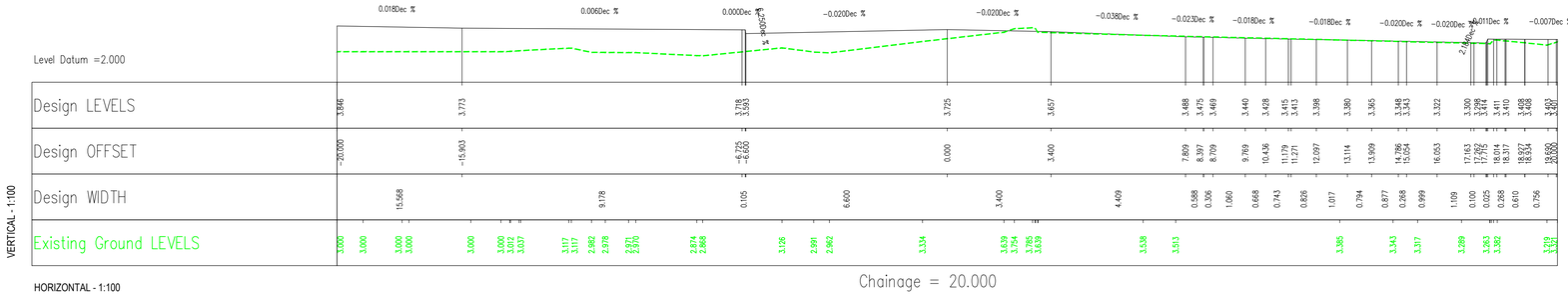
Drawing Number

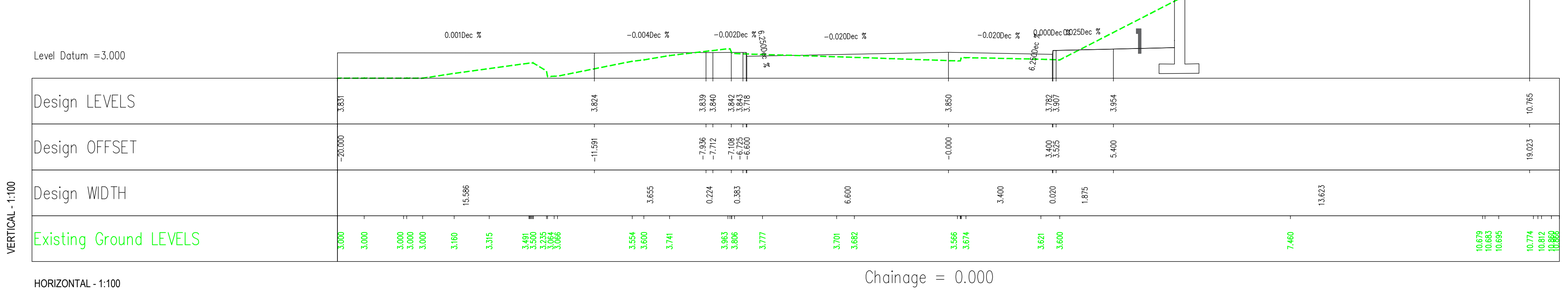
H0548-RPS-XX-00-DR-HE-140-07

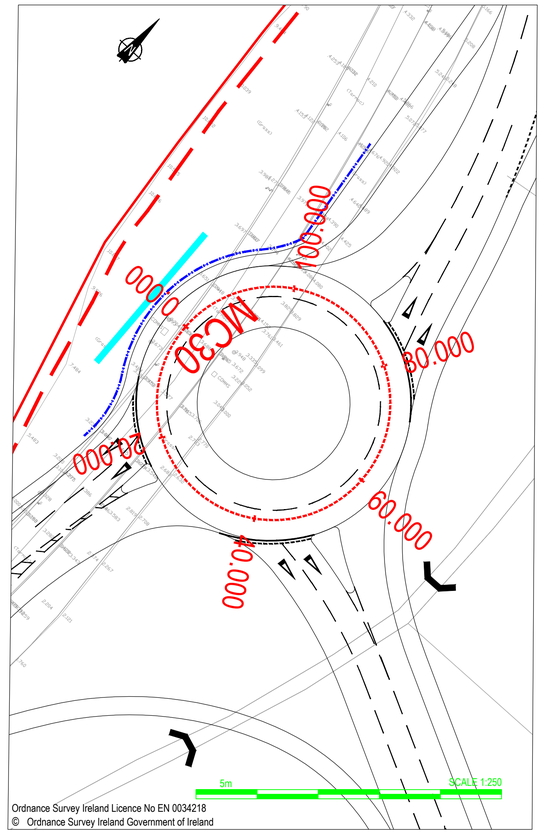
Rev -

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









NOTES

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4. Datum: Ordance Datum Malin

Cross-Section Key

Existing Layout

Proposed Layout

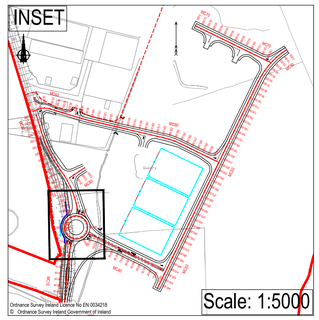
Proposed Layout

0.000 10.000 20.000

Longsection Key

Existing Layout

Proposed Layout



rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

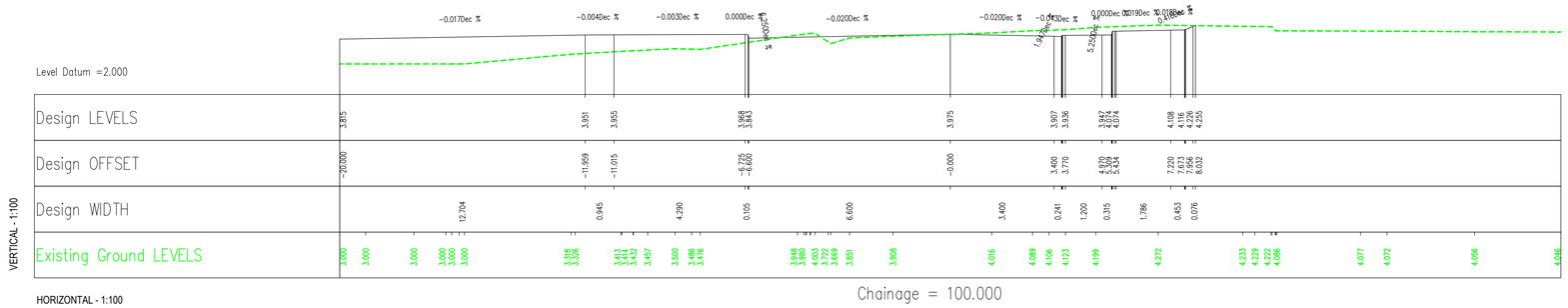
Proposed Cross Section (MC30) - Sheet 1 of 2

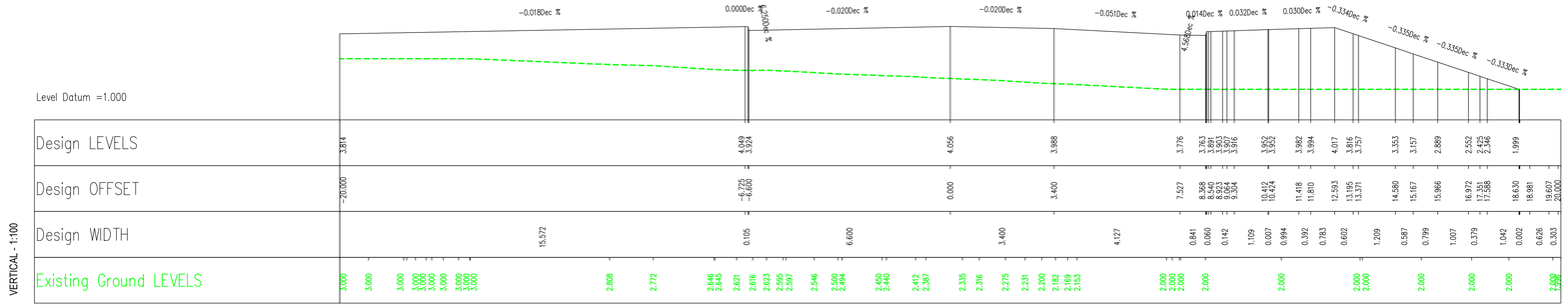
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

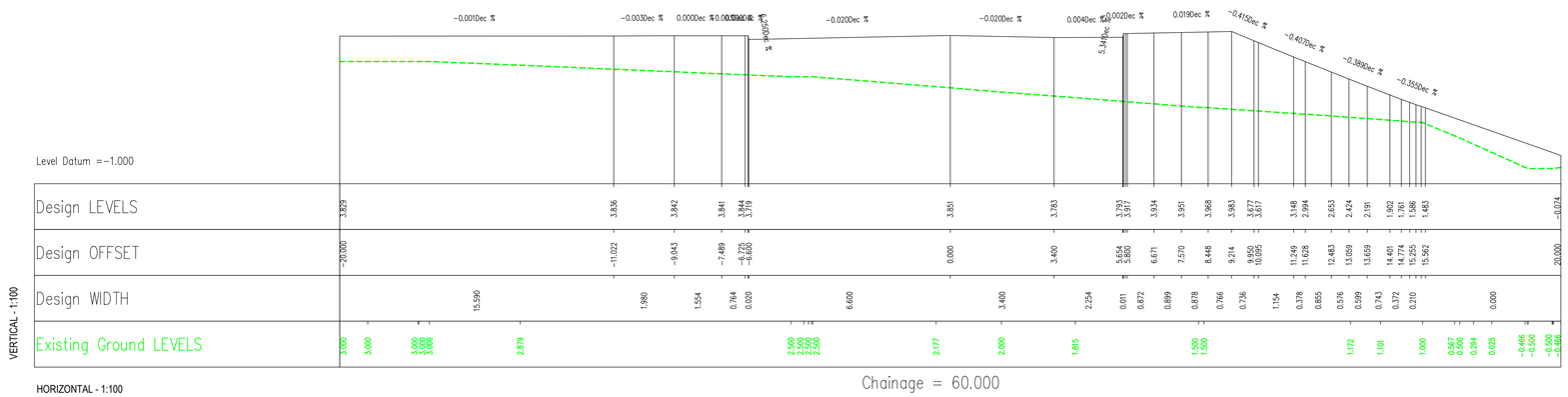
Drawing Number — Rev -

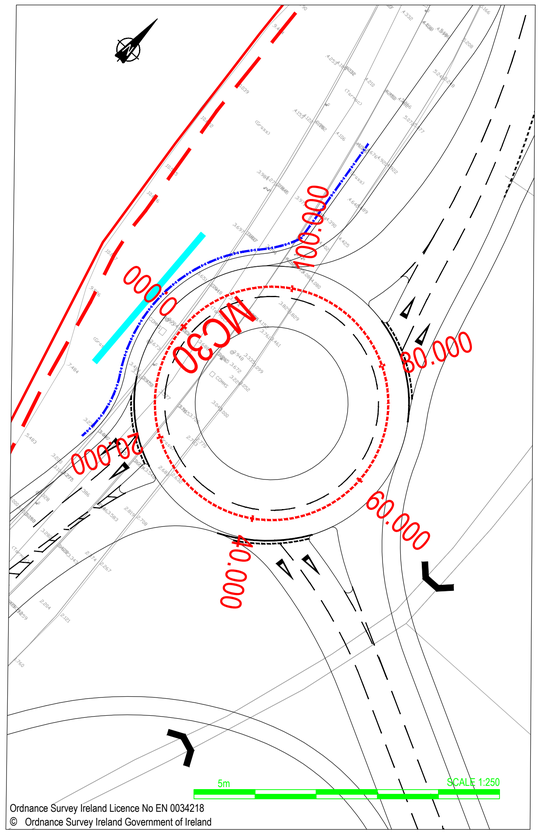
H0548-RPS-XX-00-DR-HE-140-08

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









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4. Datum: Ordance Datum Malin

Cross-Section Key

Existing Layout

Proposed Layout

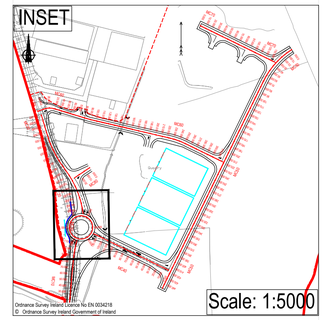
Proposed Layout

0.000 10.000 20.000

Longsection Key

Existing Layout

Proposed Layout



rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

Proposed Cross Section (MC30) - Sheet 2 of 2

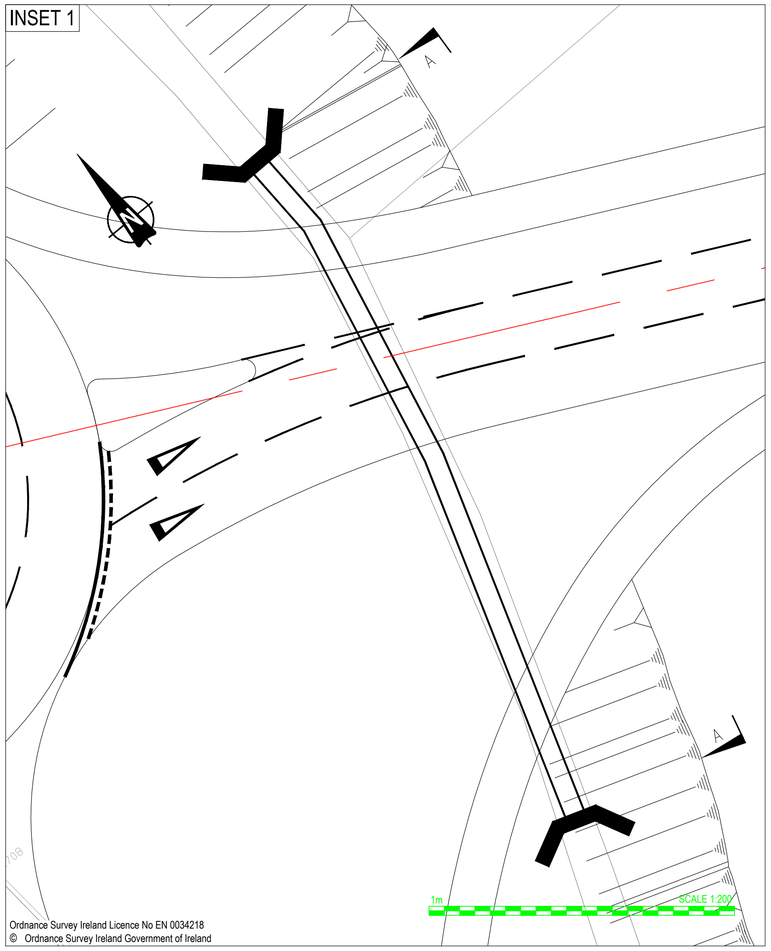
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number — Rev -

H0548-RPS-XX-00-DR-HE-140-09

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

INSET 1



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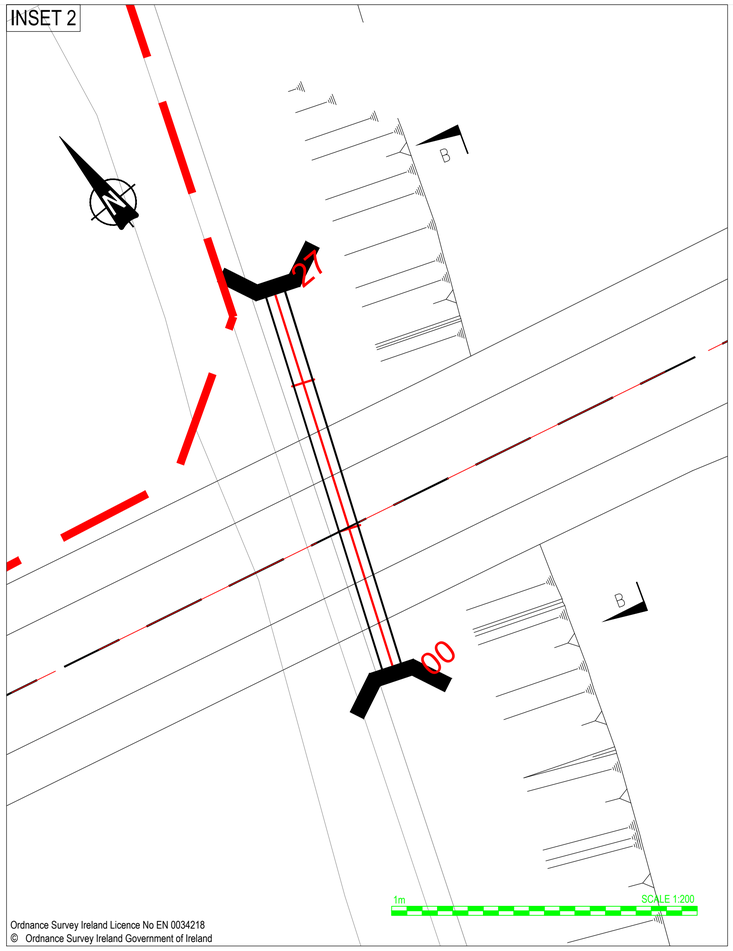
INSET 2



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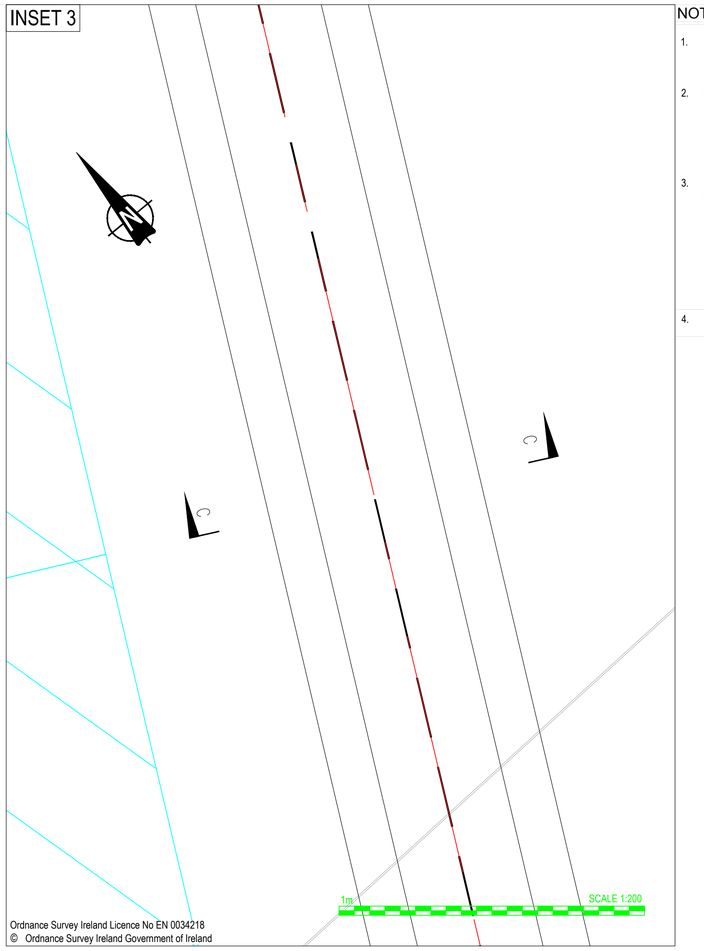
INSET 3



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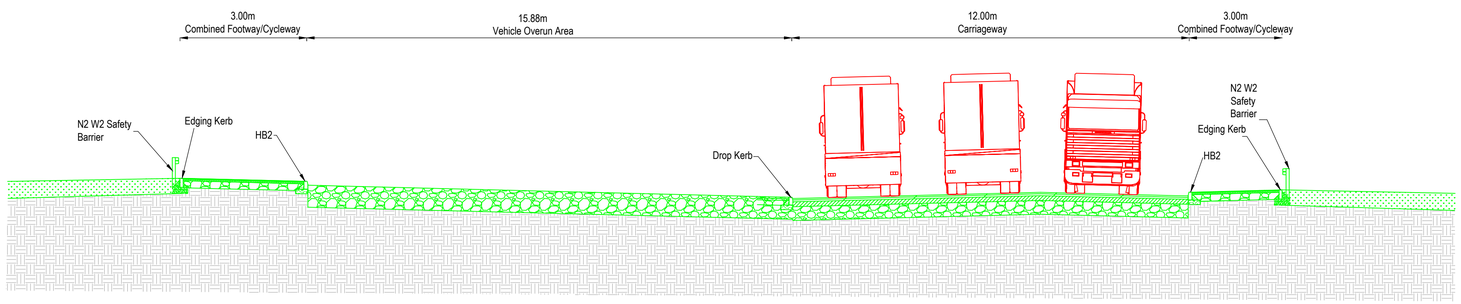
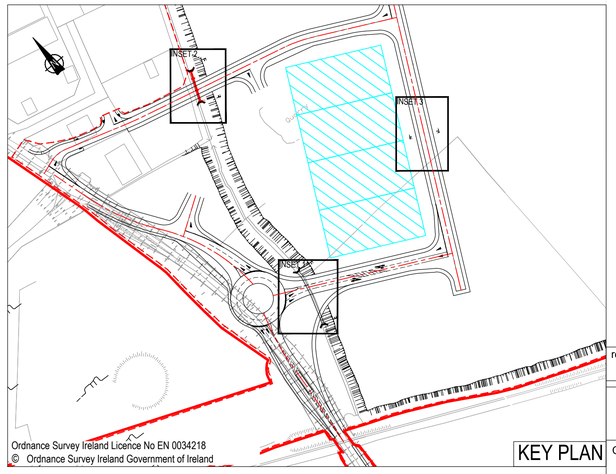
4. Datum: Ordance Datum Malin

Key

- Existing Layout
- Proposed Layout
- Proposed Culvert
- Proposed Headwall



Section A-A (Scale 1:100) - Typical Road Section



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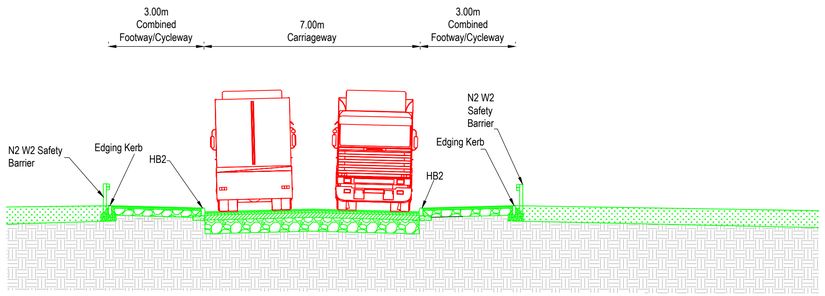
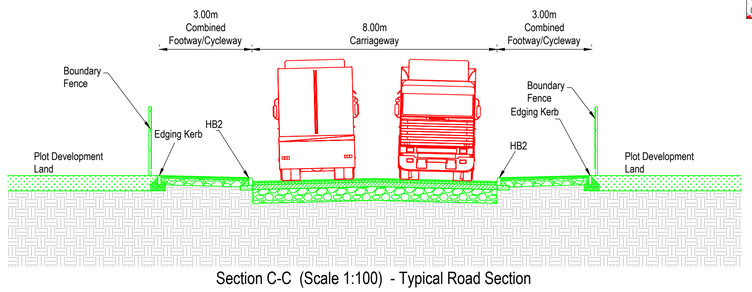
KEY PLAN



Section B-B (Scale 1:100) - Typical Road Section



Section C-C (Scale 1:100) - Typical Road Section

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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	Rev
H0548-RPS-XX-00-DR-HE-150-01	-

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

INSET 1

Quarry

NOTES

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4. Datum: Ordance Datum Malin

Key

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

5.

Map Series 1:2500	Map Series 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 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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KEY PLAN

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10m SCALE 1:500

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

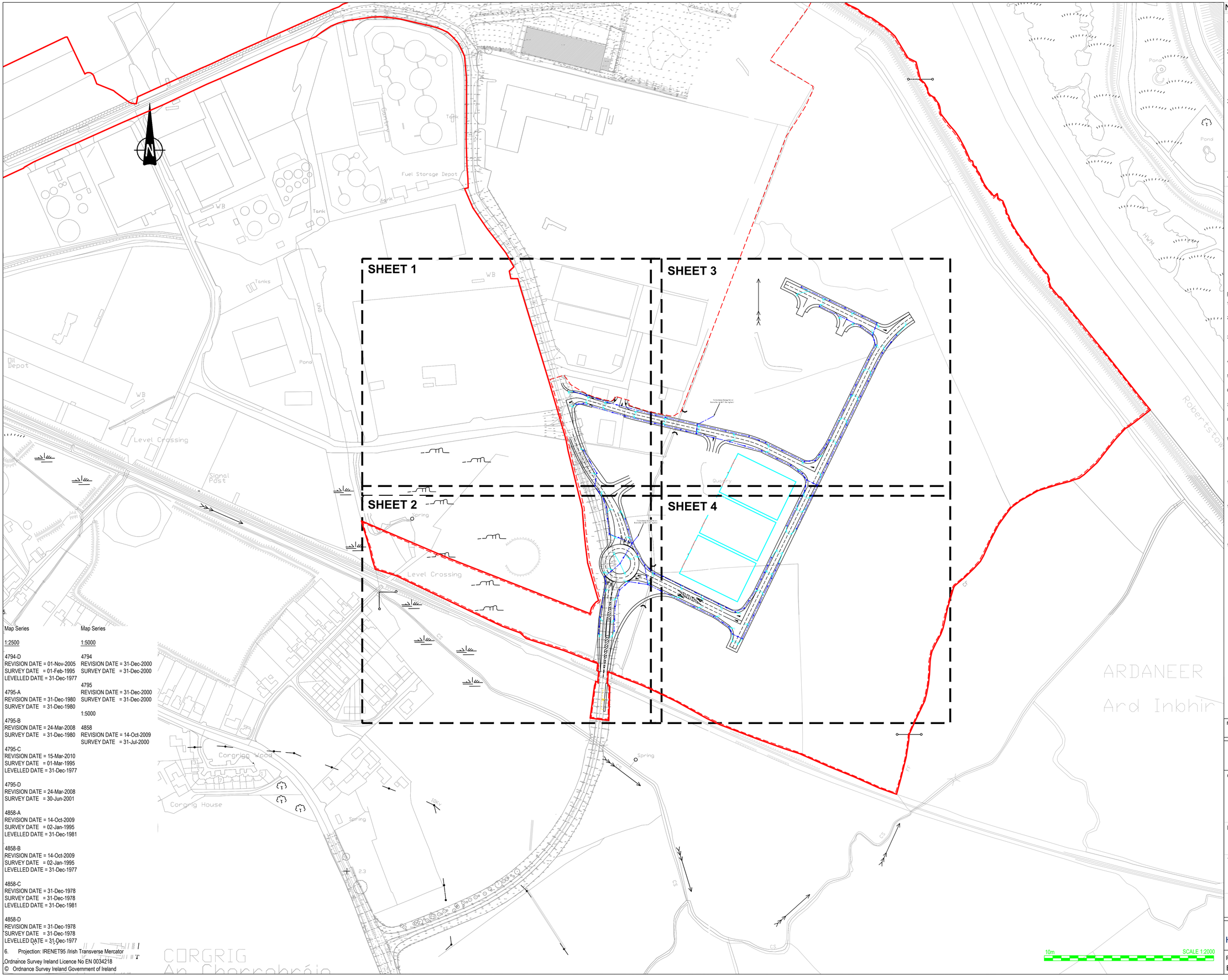
Proposed Road Restraint Systems

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number: H0548-RPS-XX-00-DR-HE-400-01

Rev -

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



5.

Map Series 1:2500	Map Series 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 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	
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6. Projection: IRENET95 /Irish Transverse Mercator

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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

Proposed Storm Drainage

Proposed Gully PG

DRAINAGE NOTES:

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 2m 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 POT 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 CATCHPITS DISCOVERED WITHIN PROPOSED AREAS OF NEW CARRIGEWAY 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 MCDHW VOL1, CL 518, TYPE S BEDDING; CARRIAGEWAY CARRIER DRAIN PRECAST CONCRETE PIPE TO BS 5911, TYPE B BEDDING. CARRIAGEWAY FILTER DRAIN, THERMOPLASTIC TO MCDHW 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 MCDHW, VOL 1, SERIES 500.
10. ALL LAND FILTER DRAIN CHAMBERS SHALL BE CATCHPITS AS PER MCDHW, VOL 3, DWG No. F11. LAND FILTER DRAINS CONNECTING INTO MAIN ROAD DRAINAGE SYSTEM MUST PASS THROUGH A CATHCHPIT WITH A MIN 300mm SUMP 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 MCDHW, VOL 3, DWG F1, TYPE Z.

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

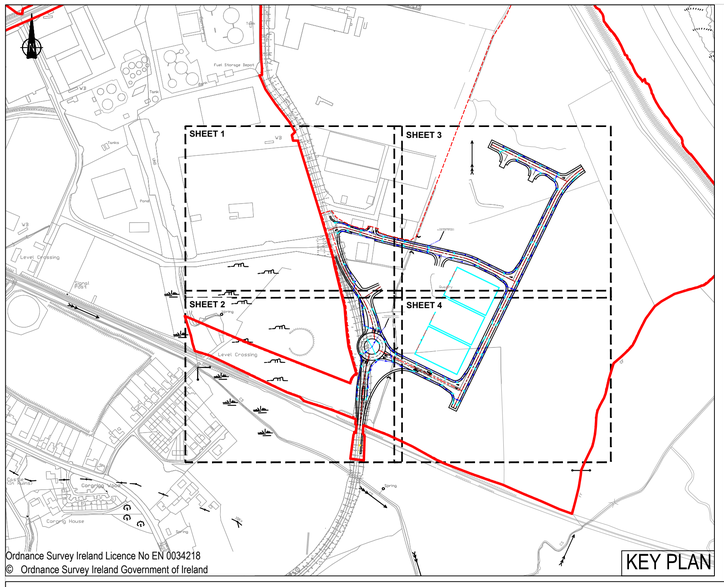
Title

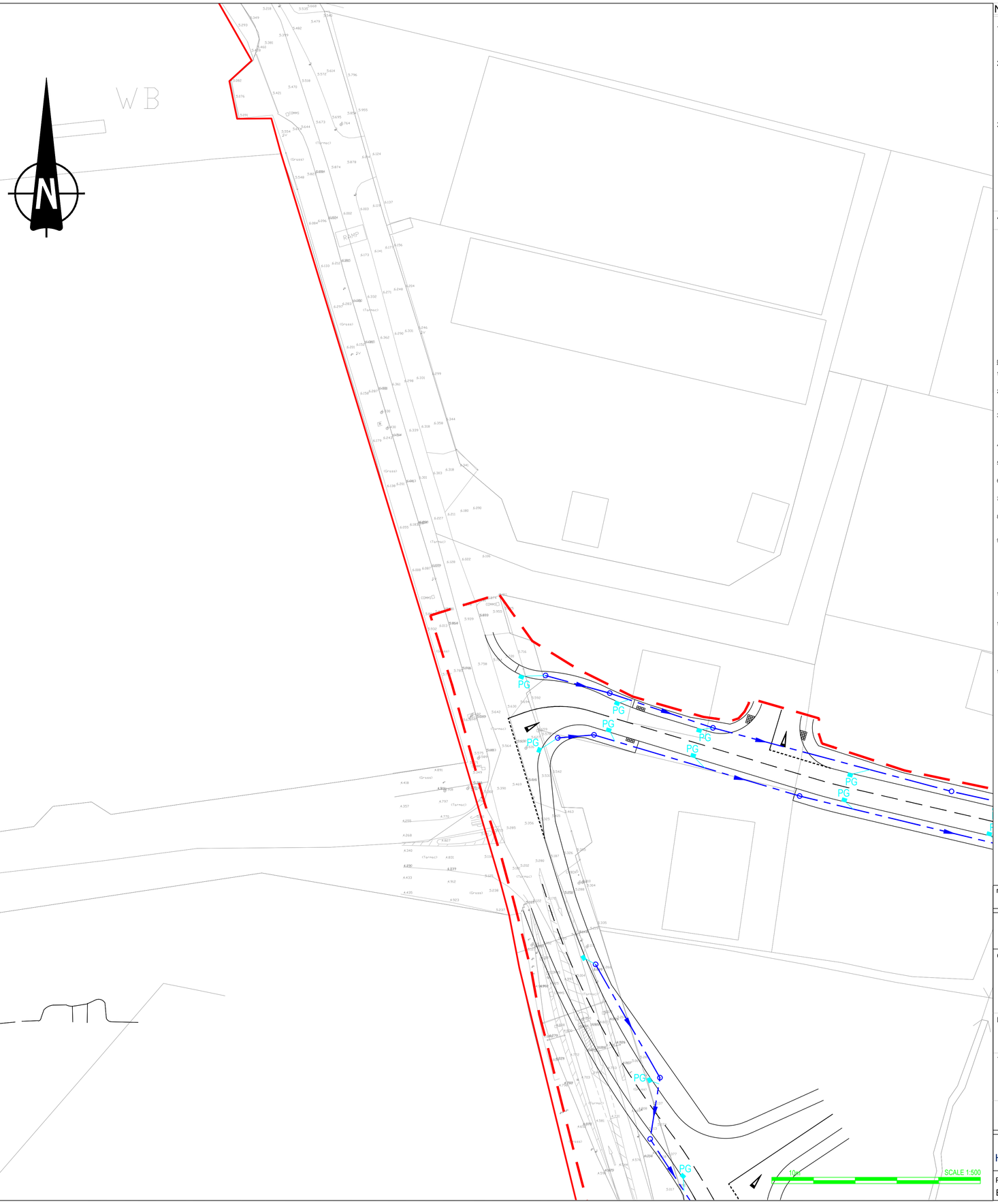
Proposed Drainage Layout - Overall

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2000

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-500-01	-

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





5.

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

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Key

Existing Layout

Proposed Layout

Proposed Storm Drainage

Proposed Gully

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rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

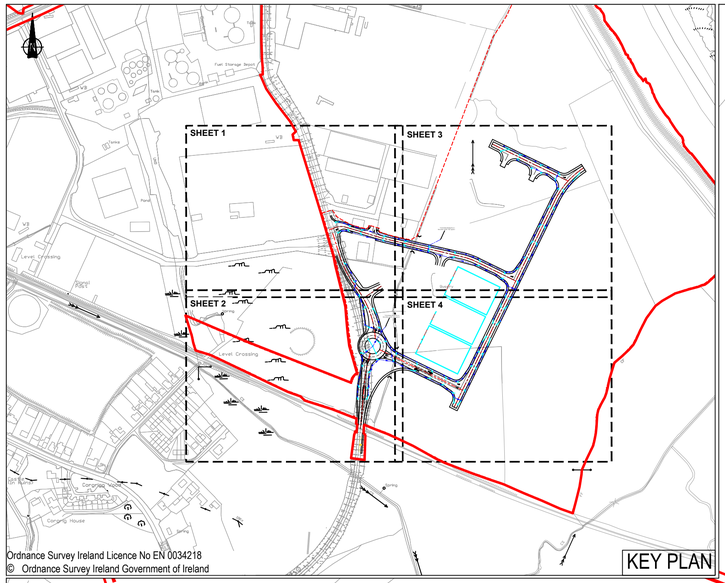
Title

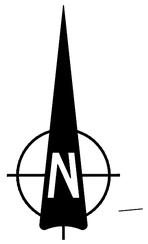
Proposed Drainage Layout - Sheet 1 of 4

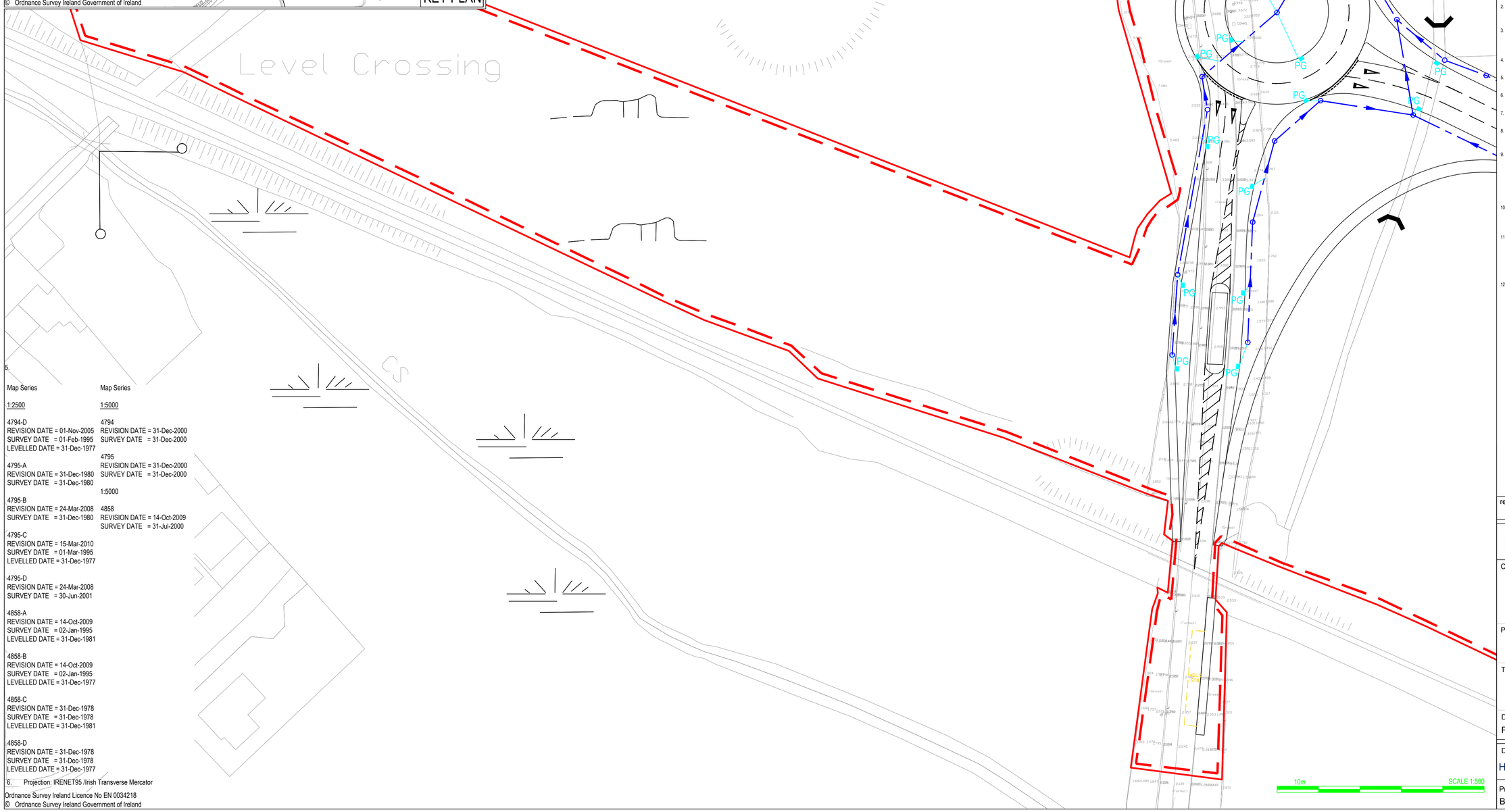
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

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

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







5.

Map Series	Map Series
1:2500	1:5000
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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
4795-A	REVISION DATE = 31-Dec-2000
REVISION DATE = 31-Dec-1980	SURVEY DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-1980	
	1:5000
4795-B	
REVISION DATE = 24-Mar-2008	4858
SURVEY DATE = 31-Dec-1980	REVISION DATE = 14-Oct-2009
	SURVEY DATE = 31-Jul-2000
4795-C	
REVISION DATE = 15-Mar-2010	
SURVEY DATE = 01-Mar-1995	
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4795-D	
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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	

6. Projection: IRENET95 /Irish Transverse Mercator

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4. Datum: Ordance Datum Malin

Key

- Existing Layout
- Proposed Layout
- Proposed Storm Drainage
- Proposed Gully PG

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rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

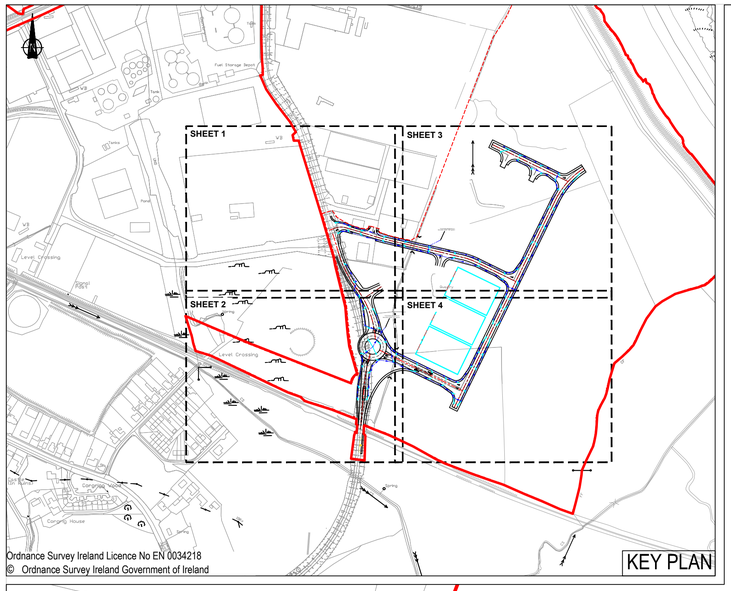
Title

Proposed Drainage Layout - Sheet 2 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-500-0	-

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



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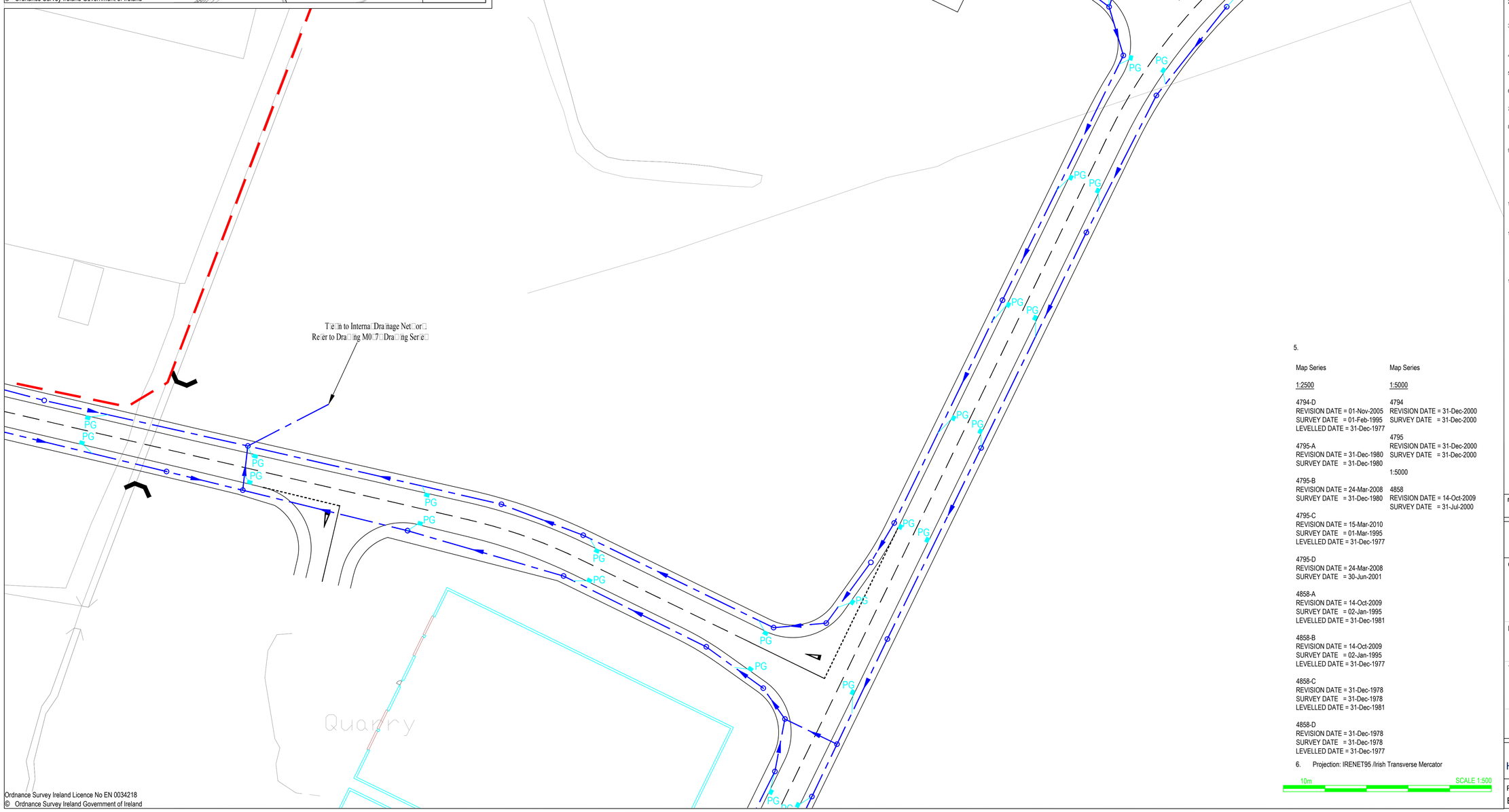

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4. Datum: Ordance Datum Malin

Key

Existing Layout

Proposed Layout

Proposed Storm Drainage

Proposed Gully PG

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5.

Map Series 1:2500	Map Series 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
	1:5000
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	
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6. Projection: IRENET95 /Irish Transverse Mercator

10m SCALE 1:500

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

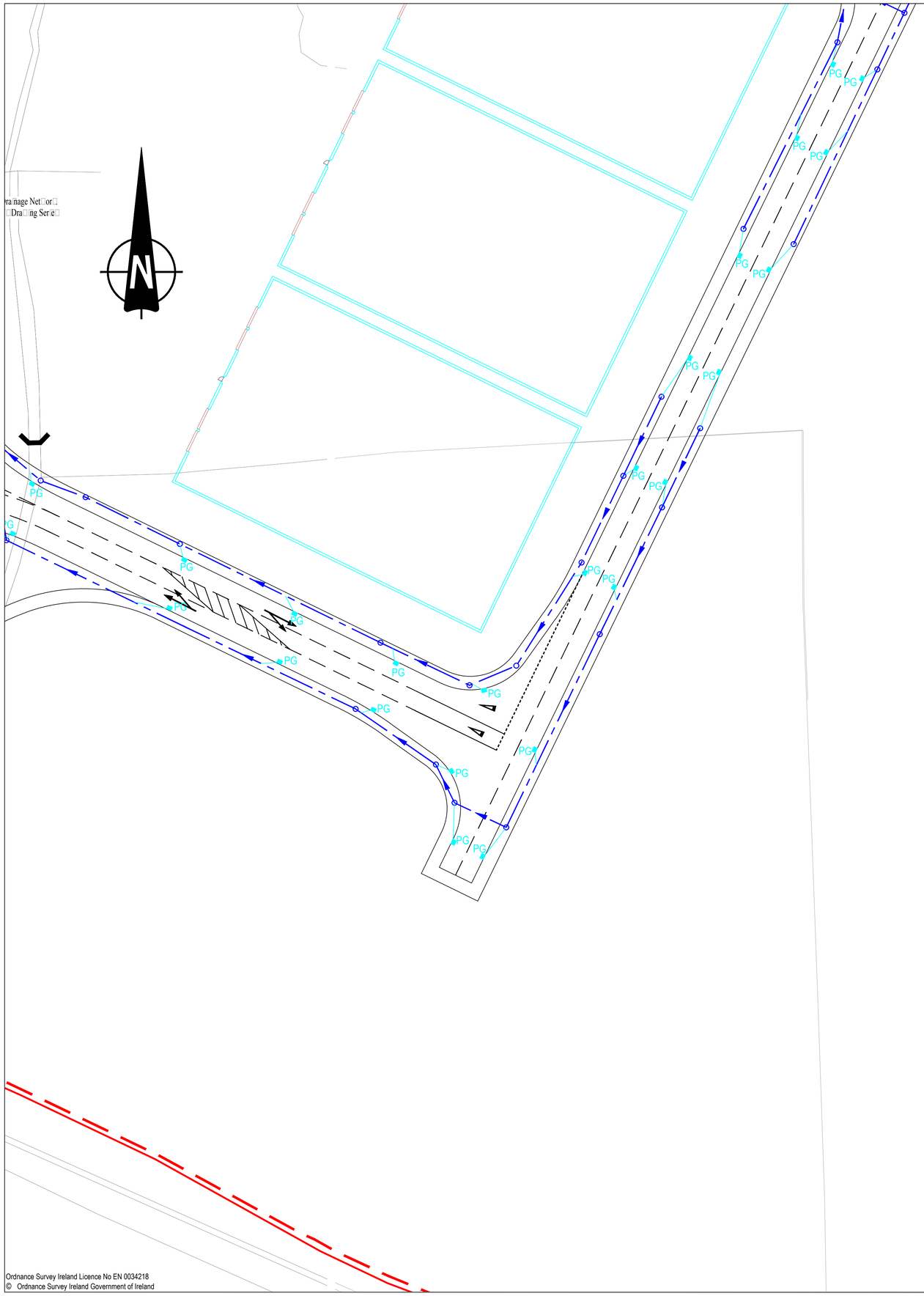
Title

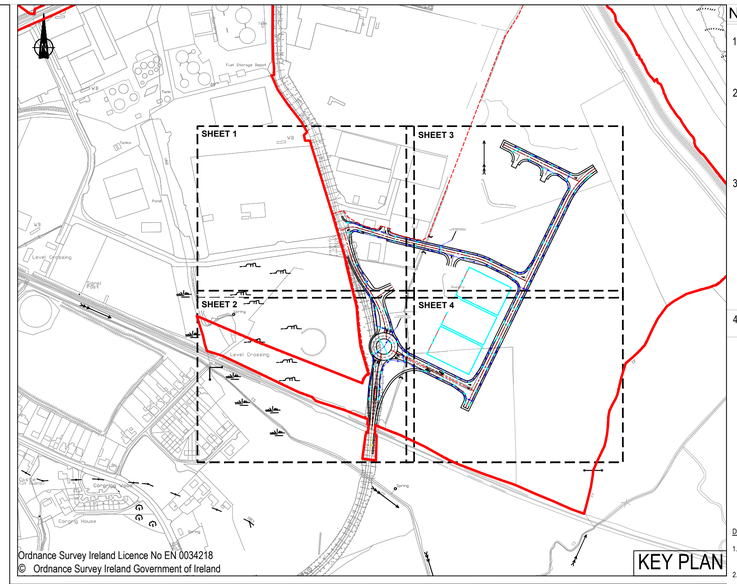
Proposed Drainage Layout - □ of 4

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





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Key

Existing Layout

Proposed Layout

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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

10m SCALE 1:500

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

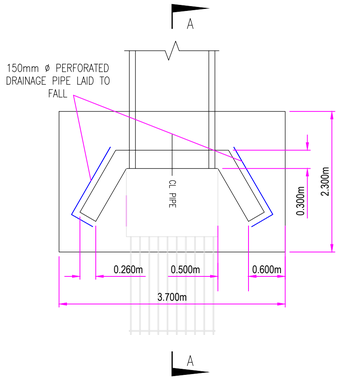
Title

Proposed Drainage Layout - 4 of 4

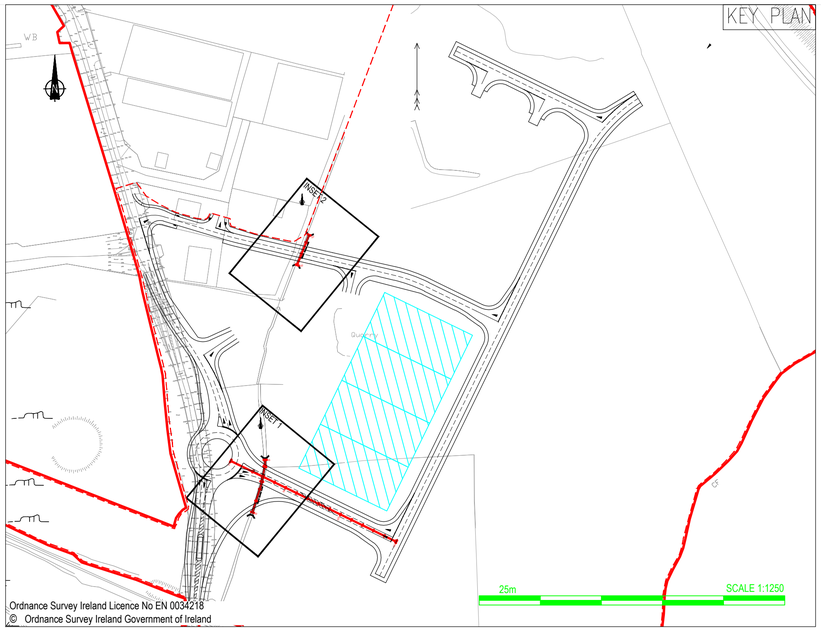
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

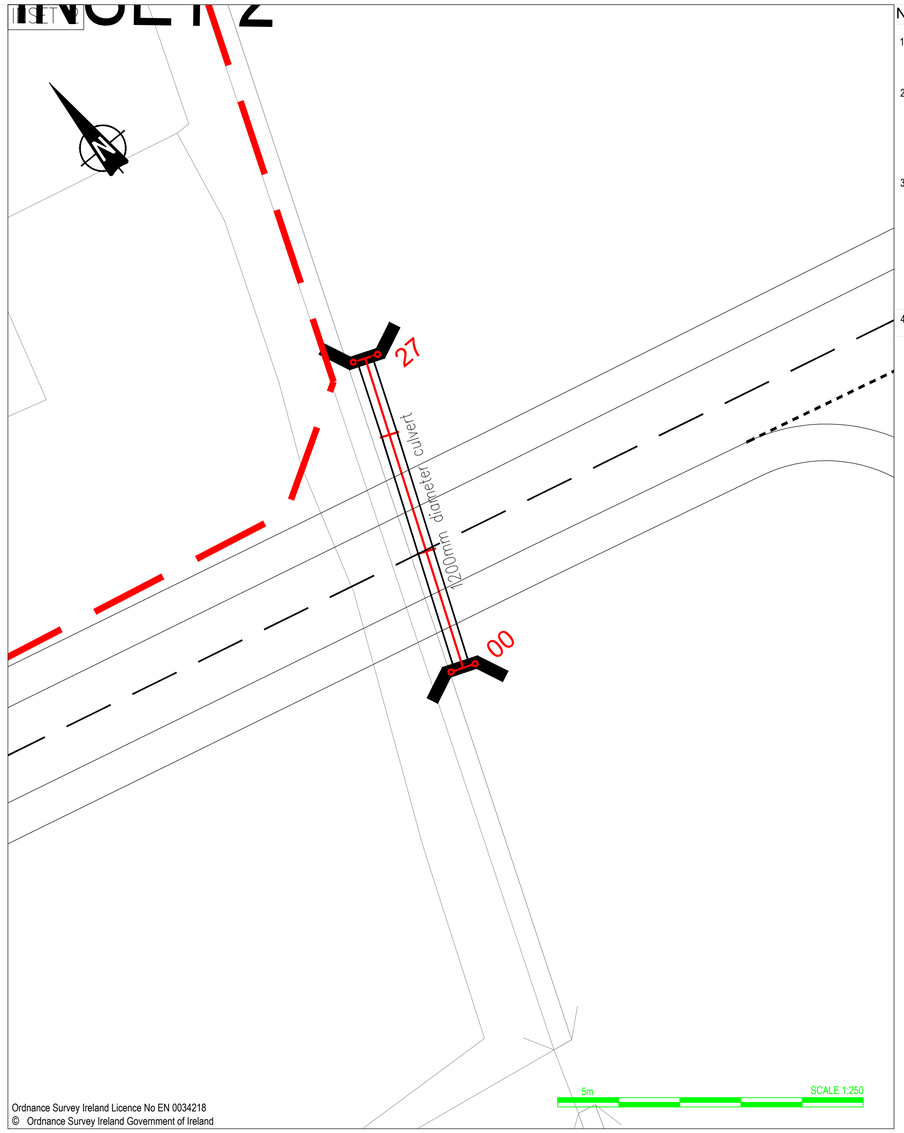
Drawing Number	Rev
H0548-RPS-XX-00-DR-HE-500-05	-

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



PLAN (1:50)





NOTES

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4. Datum: Ordance 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.

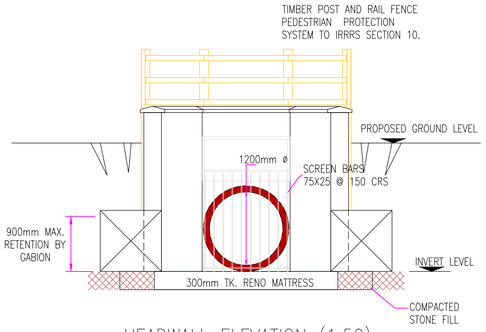
5. EXCAVATION, BEDDING, LAYING AND BACKFILLING OF PIPES TO BE IN ACCORDANCE WITH SHW CLAUSE 2506. PIPE BEDDING TO BE TYPE S.

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.

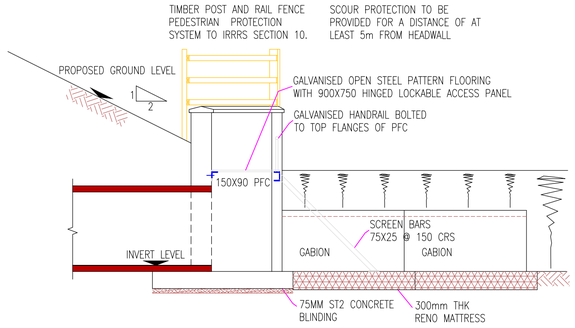
7. MINIMUM FREEBOARD OF 300MM ABOVE Q100 DESIGN FLOW TO BE PROVIDED IN CULVERTS <1500mm DIA. MINIMUM FREEBOARD OF 600mm ABOVE Q100 DESIGN FLOW TO BE PROVIDED IN CULVERTS >1500mm DIA.

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

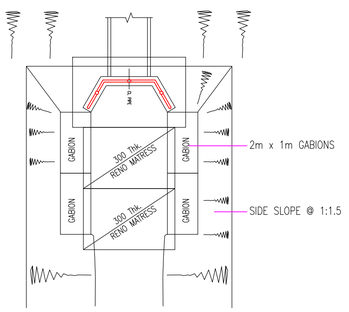
9. MAMMAL LEDGES IN SPECIFIED CULVERTS SHALL BE SET AT A MINIMUM LEVEL OF 250mm ABOVE Q10 DESIGN FLOW. THEY SHALL BE A MINIMUM WIDTH OF 500mm AND SHALL HAVE A MINIMUM HEADROOM OF 400mm



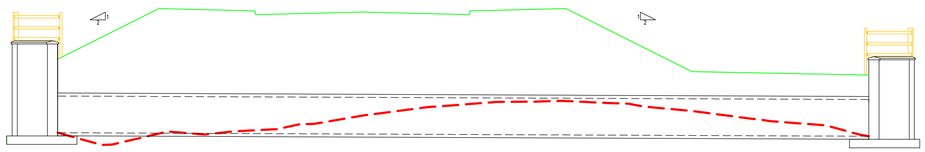
HEADWALL ELEVATION (1:50)



SECTION A–A (1:50)



LAYOUT OF GABIONS AT HEADWALL (1:25)



LEVEL DATUM = -3.000m

EXISTING LEVELS	-0.000	0.583	0.782
MAINLINE LEVELS	2.405	3.949	2.281
CULVERT INVERT LEVELS	-0.000	-0.043	-0.087
CHAINAGE	0.000	10.000	20.000

VERTICAL 1:100

HORIZONTAL 1:100

PROPOSED 1200mm INTERNAL DIAMETER PIPED CULVERT LONGITUDINAL SECTION

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

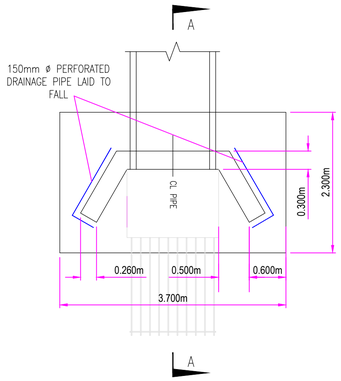
Proposed Culvert Detail - Secondary Access - Sheet 2 of 2

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

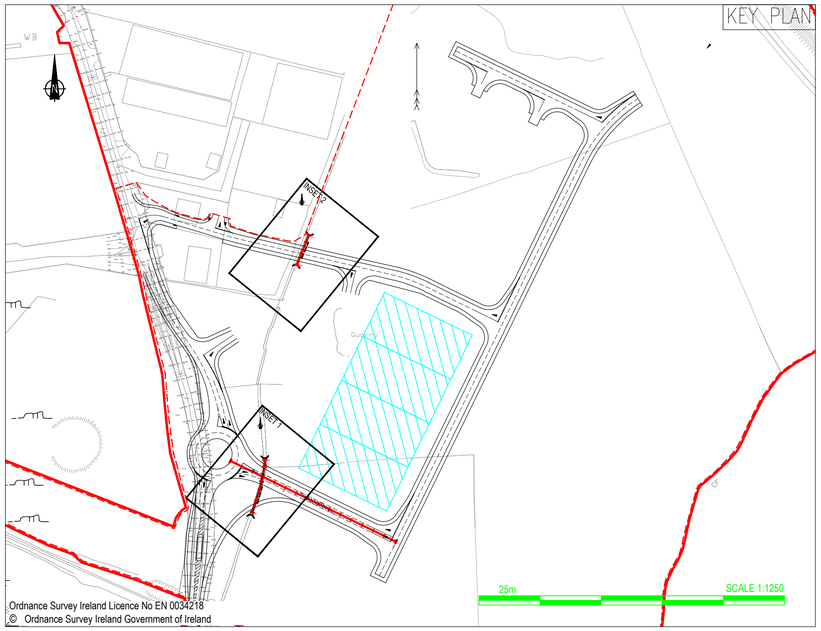
Drawing Number — Rev -

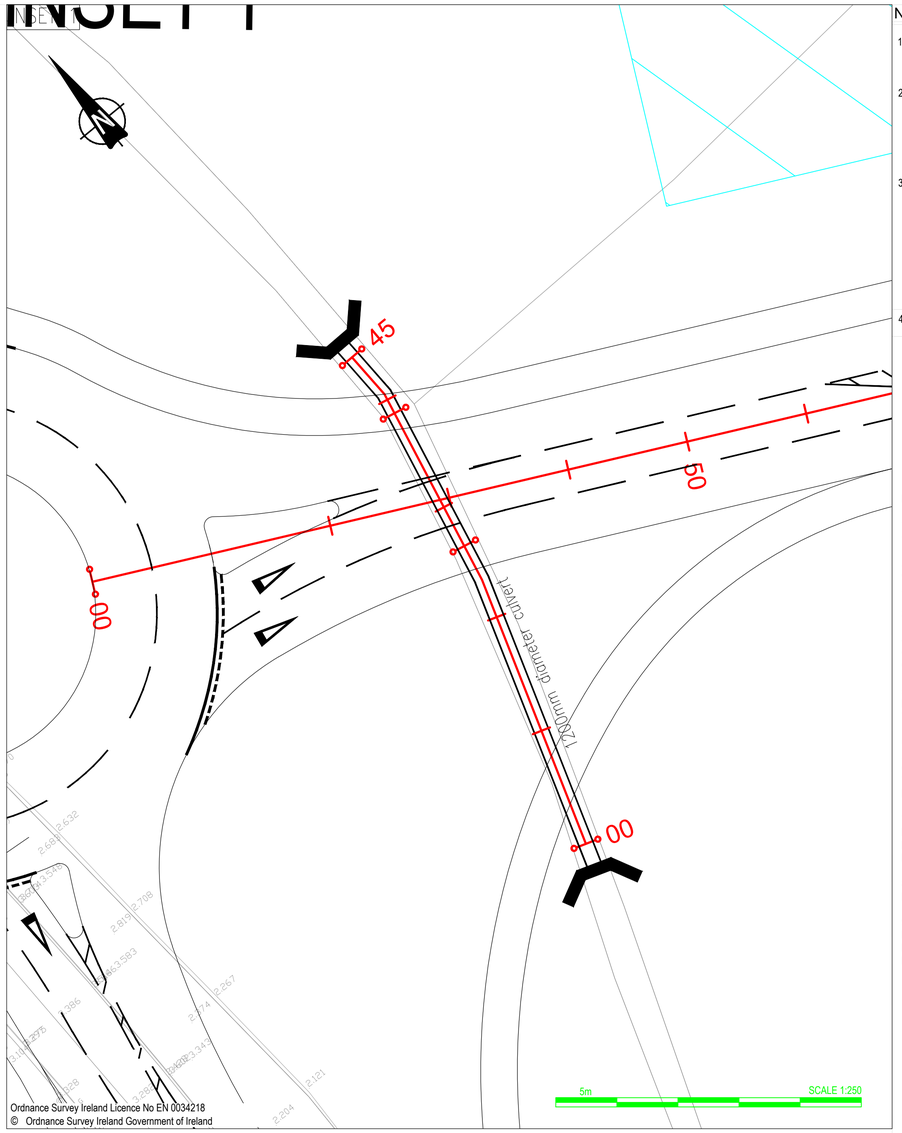
H0548-RPS-XX-00-DR-HE-510-02

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



PLAN (1:50)





NOTES

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2. Existing Services.
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4. Datum: Ordance 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.

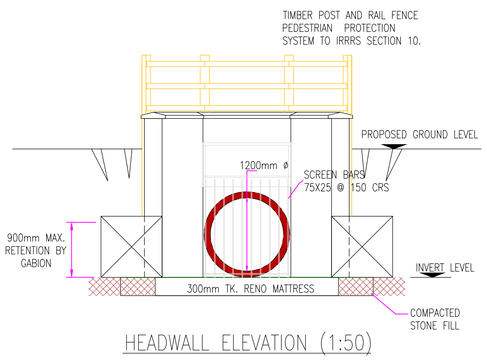
5. EXCAVATION, BEDDING, LAYING AND BACKFILLING OF PIPES TO BE IN ACCORDANCE WITH SHW CLAUSE 2506. PIPE BEDDING TO BE TYPE S.

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.

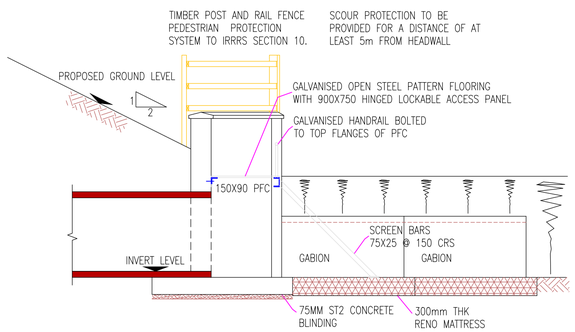
7. MINIMUM FREEBOARD OF 300MM ABOVE Q100 DESIGN FLOW TO BE PROVIDED IN CULVERTS <1500mm DIA. MINIMUM FREEBOARD OF 600mm ABOVE Q100 DESIGN FLOW TO BE PROVIDED IN CULVERTS >1500mm DIA.

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

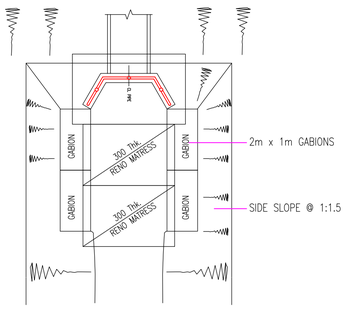
9. MAMMAL LEDGES IN SPECIFIED CULVERTS SHALL BE SET AT A MINIMUM LEVEL OF 250mm ABOVE Q10 DESIGN FLOW. THEY SHALL BE A MINIMUM WIDTH OF 500mm AND SHALL HAVE A MINIMUM HEADROOM OF 400mm



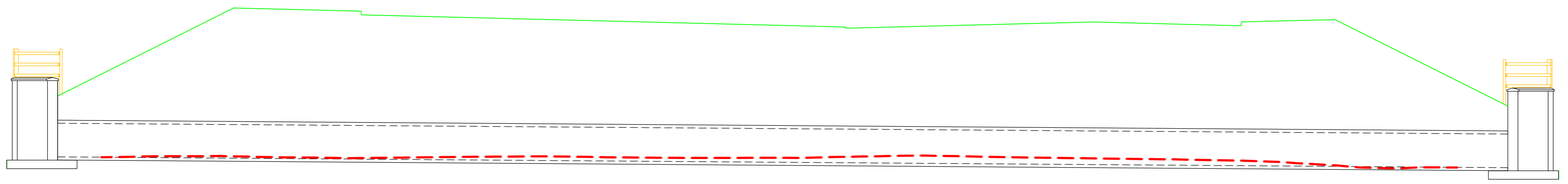
HEADWALL ELEVATION (1:50)



SECTION A–A (1:50)



LAYOUT OF GABIONS AT HEADWALL (1:25)



LEVEL DATUM = -3.000m

EXISTING LEVELS	-0.225	-0.234	-0.345	-0.226	-0.467
MAINLINE LEVELS	2.456	4.476	4.226	4.139	4.269
CULVERT INVERT LEVELS	-0.222	-0.230	-0.371	-0.445	-0.512
CHAINAGE	0.000	10.000	20.000	30.000	40.000

VERTICAL 1:100

HORIZONTAL 1:100

PROPOSED 1200mm INTERNAL DIAMETER PIPED CULVERT LONGITUDINAL SECTION

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

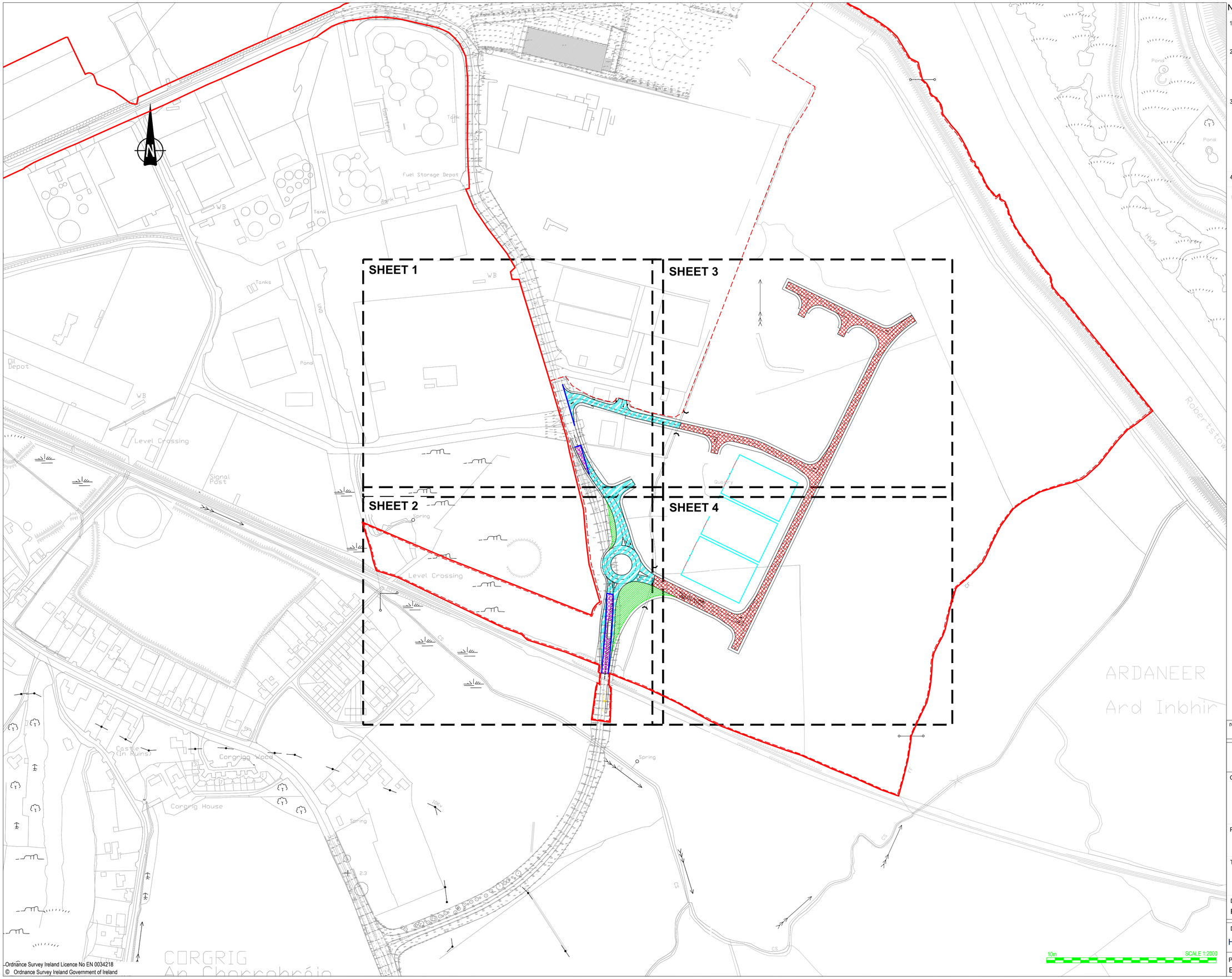
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	As Shown

Drawing Number

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

Rev -

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



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NOTES

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4. Datum: Ordance Datum Malin
5. 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

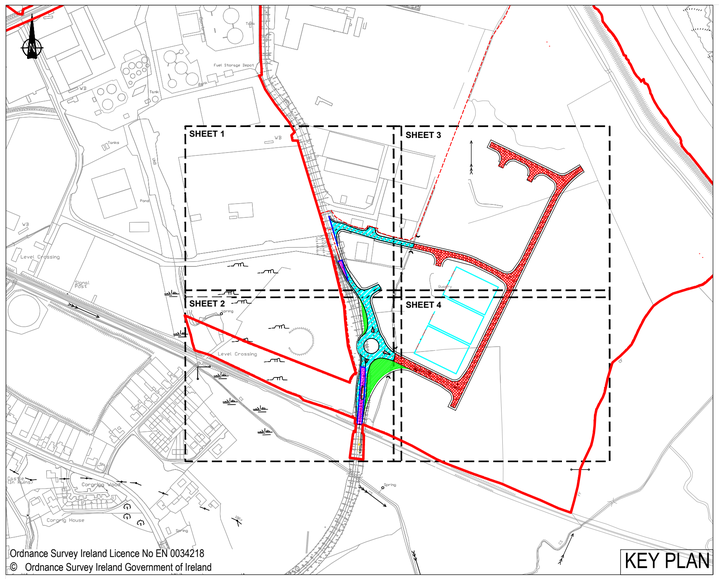
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:2000

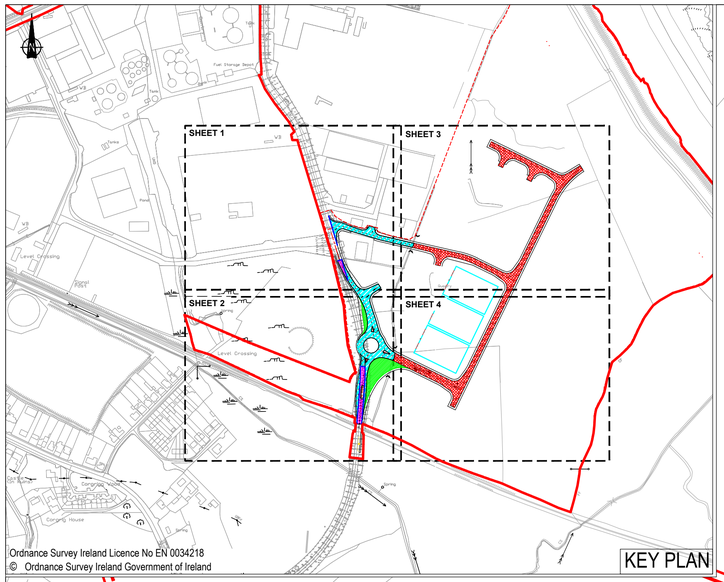
Drawing Number

H0548-RPS-XX-00-DR-HE-700-01

Rev -

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


SHEET 1
SHEET 2
SHEET 3
SHEET 4
Level Crossing
Level Crossing
Level Crossing
Fuel Storage Depot
Cargo Shed
Cargo Shed
Cargo House
Cargo House
Cargo House



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Level Crossing

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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

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10m SCALE 1:500

NOTES

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4. Datum: Ordance Datum Malin

5. 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

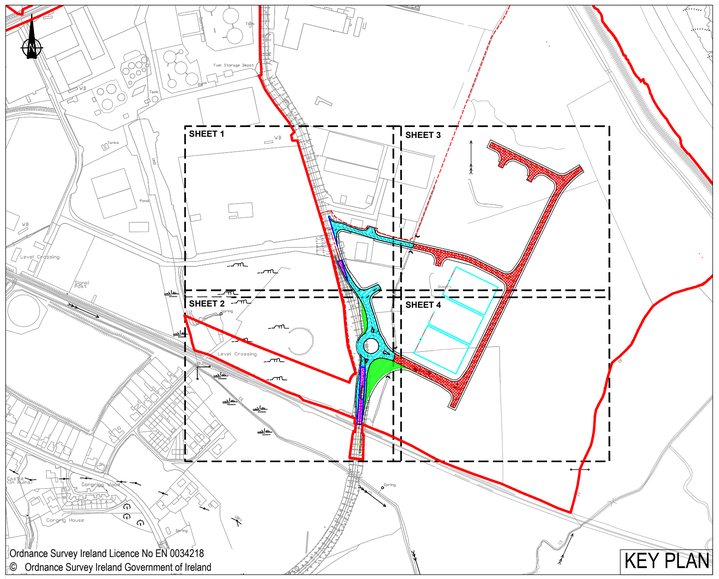
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number

H0548-RPS-XX-00-DR-HE-700-03

Rev -

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





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5. Key

Existing Layout

Proposed Layout

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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

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
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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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

10m SCALE 1:500

rev	amendments	drawn	date

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Elmwood House
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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 Road Pavements - Sheet 3 of 4

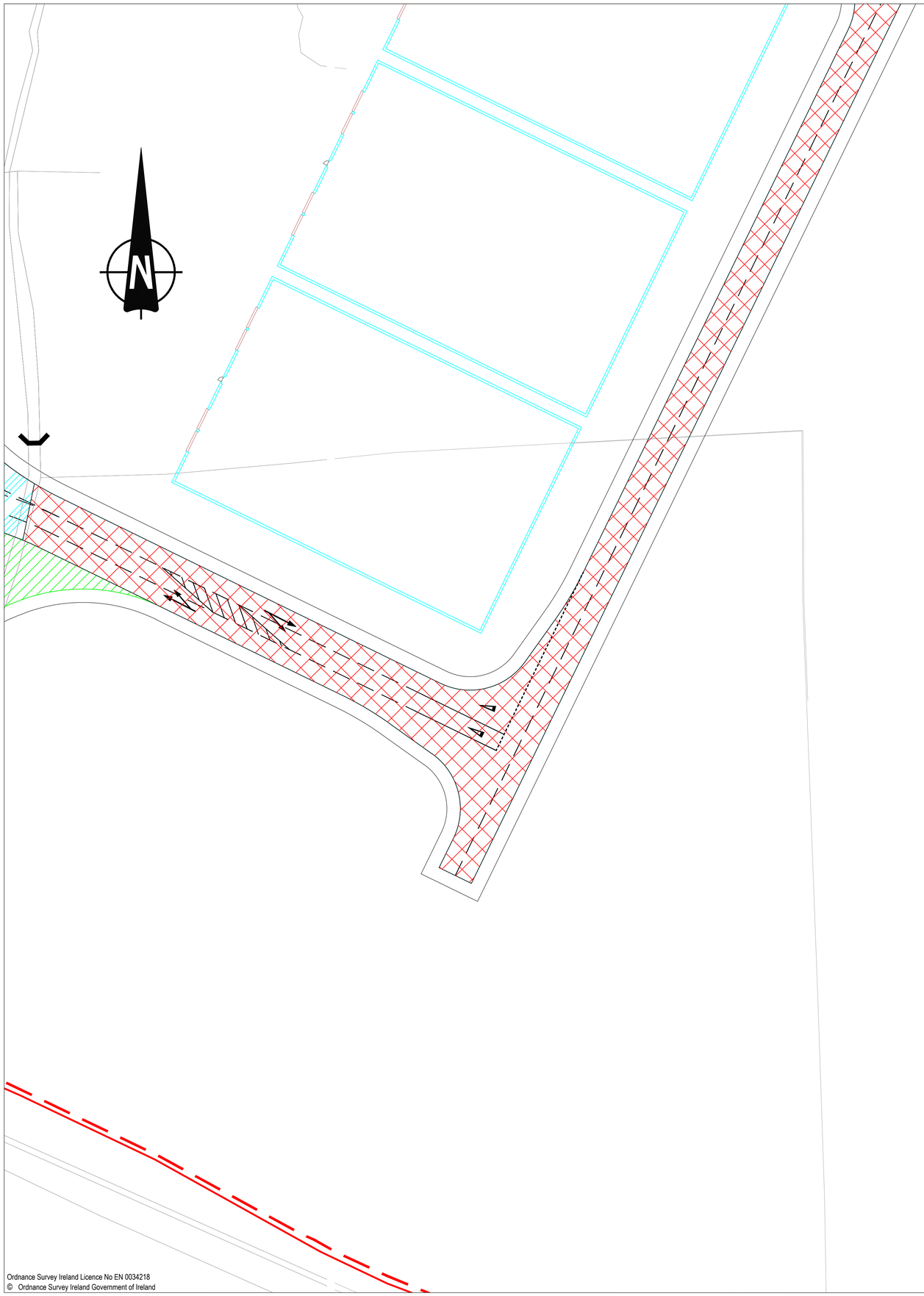
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

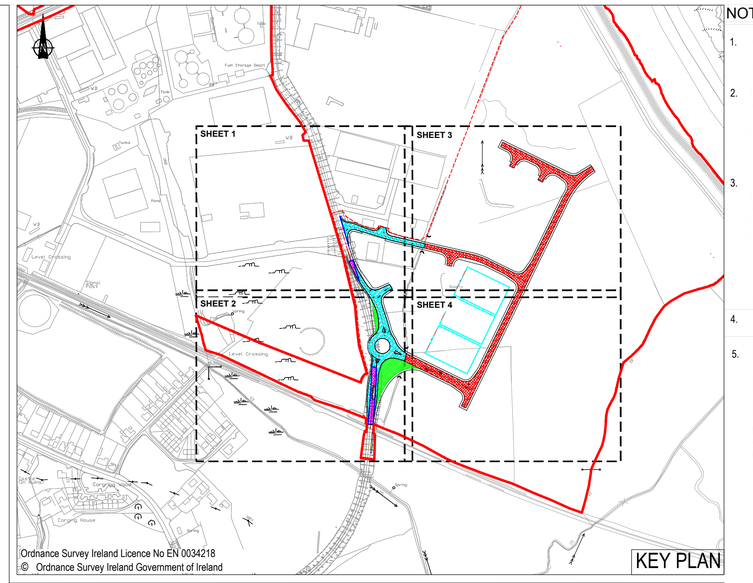
Drawing Number

H0548-RPS-XX-00-DR-HE-700-04

Rev -

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





KEY PLAN

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NOTES

1. Verifying Dimensions.
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4. Datum: Ordance Datum Malin

5. 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

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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

10m SCALE 1:500

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

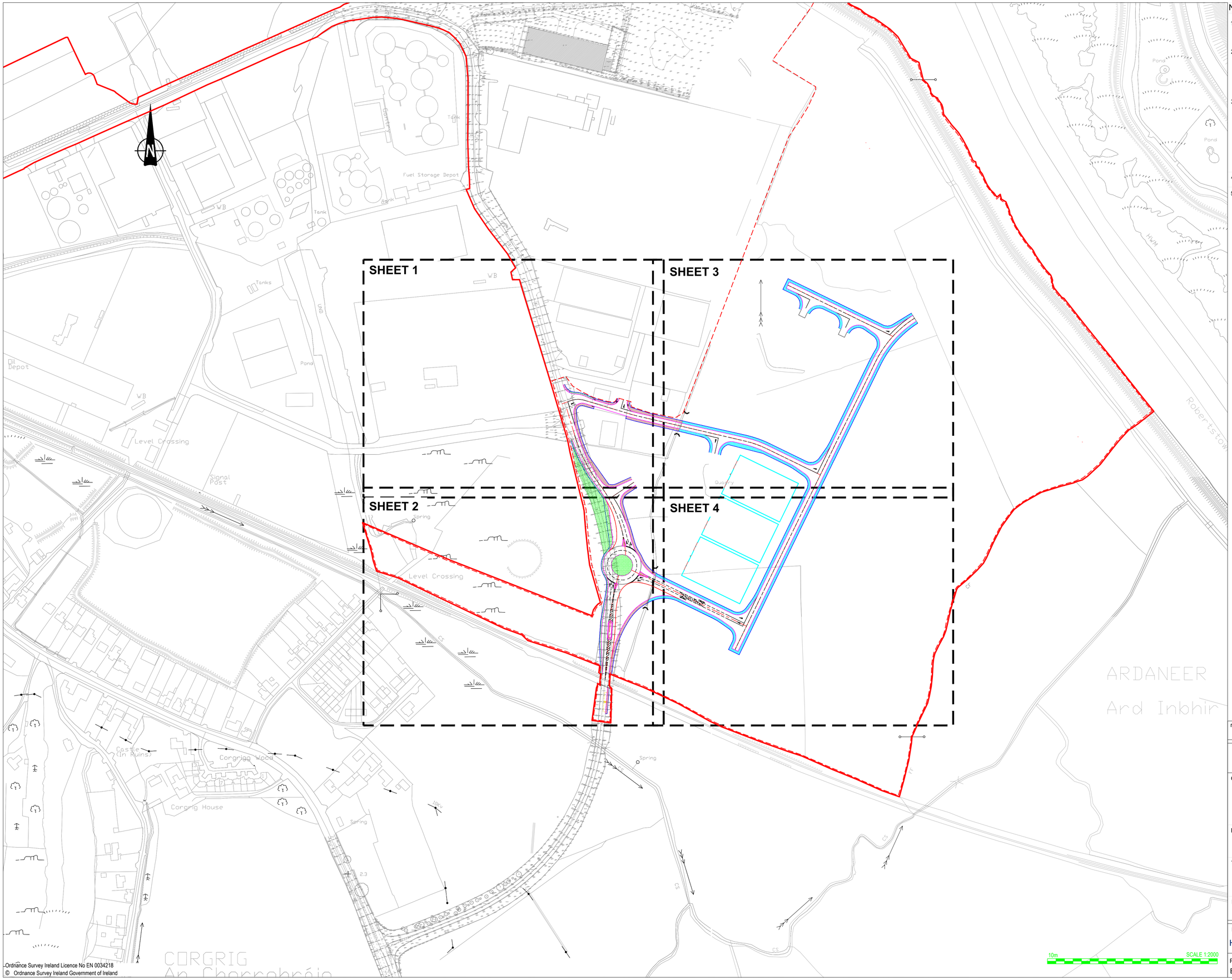
Title

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



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4. Datum: Ordance 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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E ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

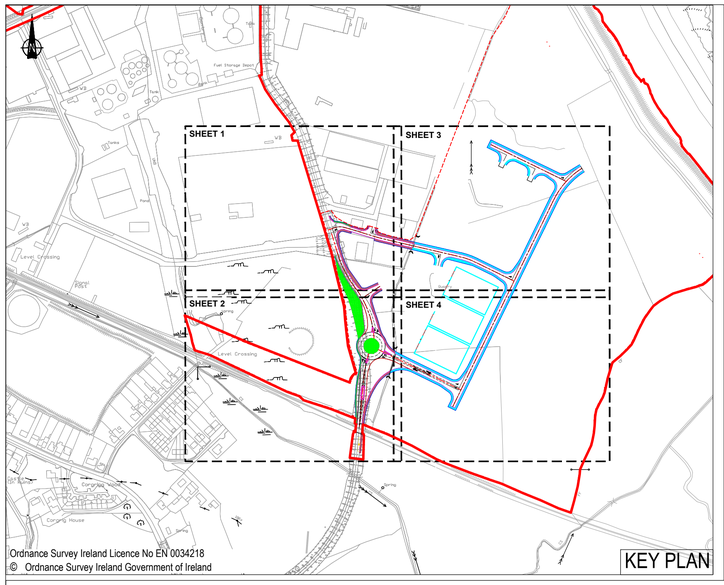
Title

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





WB

RAMP

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
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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

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SCALE 1:500

NOTES

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4. Datum: Ordance 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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E ireland@rpsgroup.com

Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

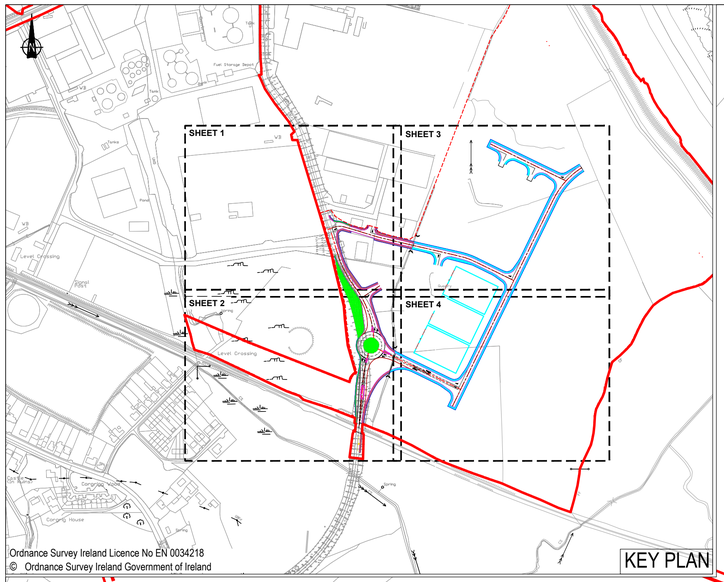
Title

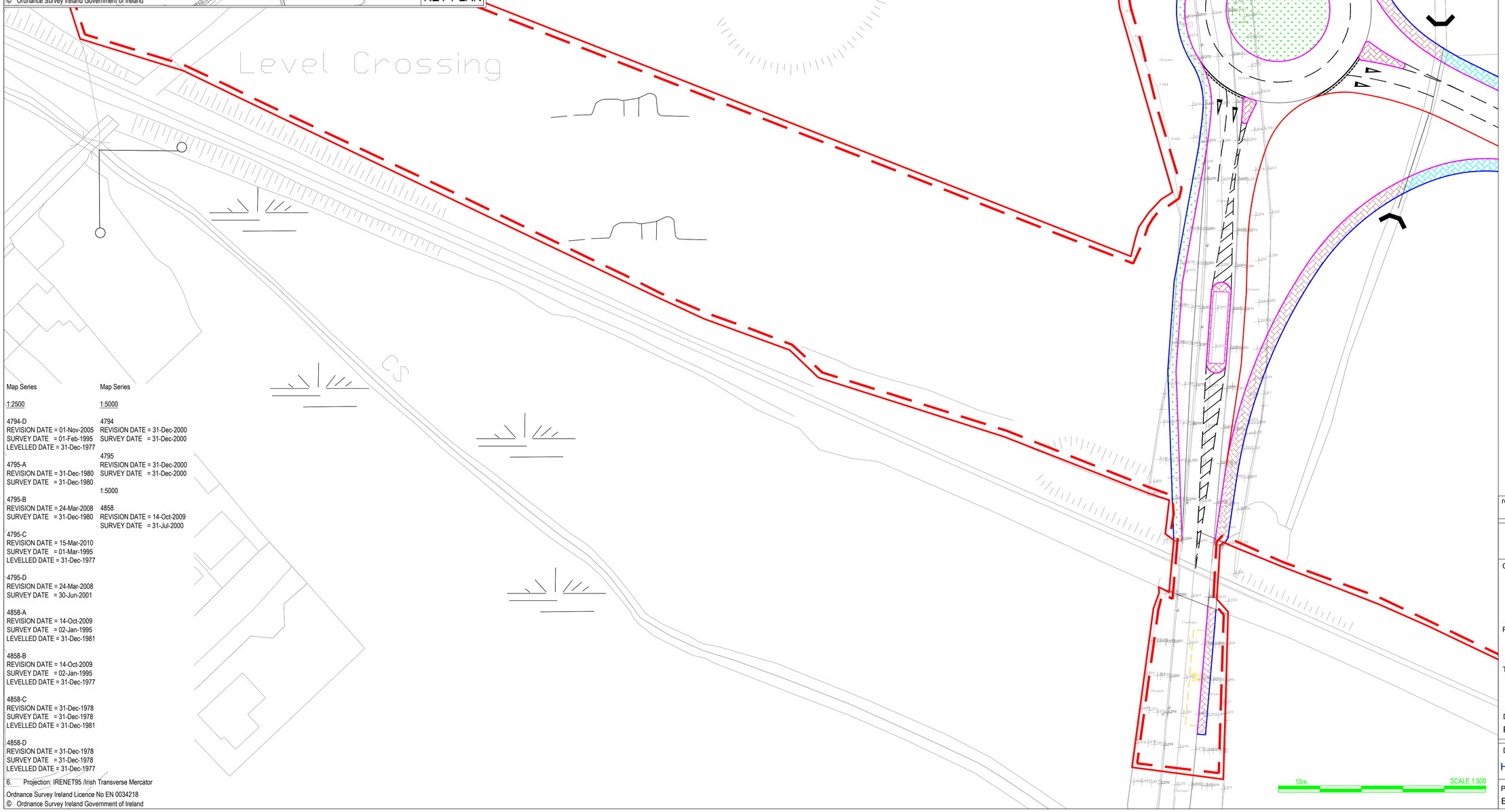
Proposed Kerbs, Footways and Paved Areas - Sheet 1 of 4

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





Map Series

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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
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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

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NOTES

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4. Datum: Ordance 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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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

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

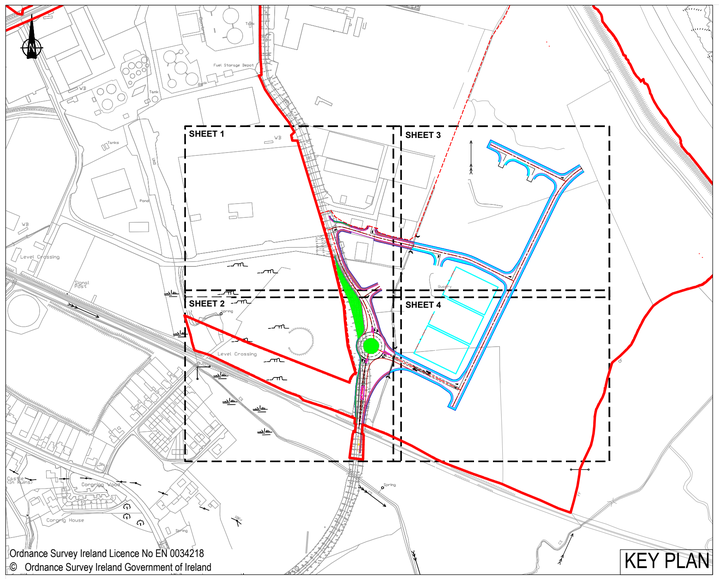
Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

Drawing Number

H0548-RPS-XX-00-DR-HE-1100-03

Rev -

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



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4. Datum: Ordance 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

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
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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

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

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

1:5000

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

6. Projection: IRENET95 /Irish Transverse Mercator

10m SCALE 1:500

rev	amendments	drawn	date

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Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

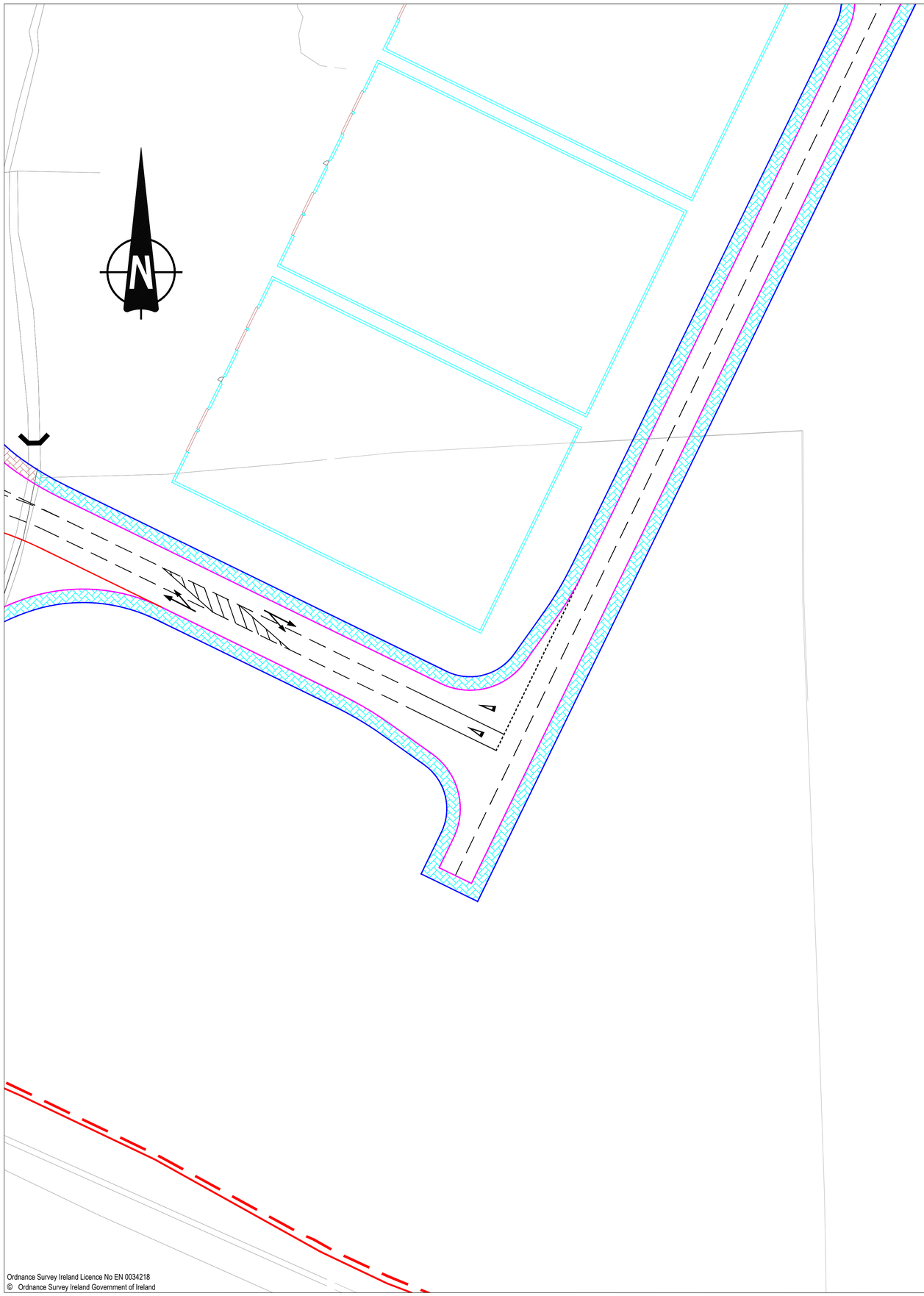
Title

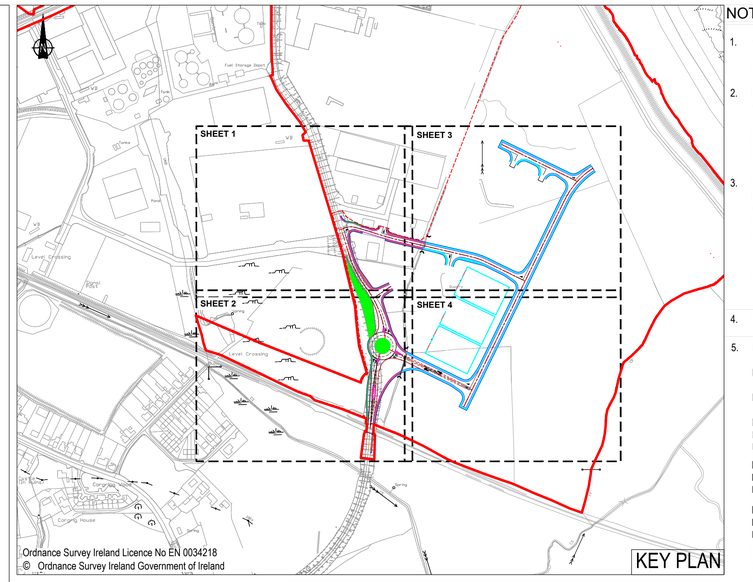
Proposed Kerbs, Footways and Paved Areas - Sheet 3 of 4

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





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4. Datum: Ordance 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

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
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LEVELLED DATE = 31-Dec-1977

Map Series

1:5000

4794
REVISION DATE = 31-Dec-2000
SURVEY DATE = 31-Dec-2000

4795
REVISION DATE = 31-Dec-2000
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1:5000

4858
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6. Projection: IRENET95 /Irish Transverse Mercator

10m SCALE 1:500

rev	amendments	drawn	date

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Client

Shannon Foynes Port Company

Project

Capacity Extension at Shannon Foynes

Title

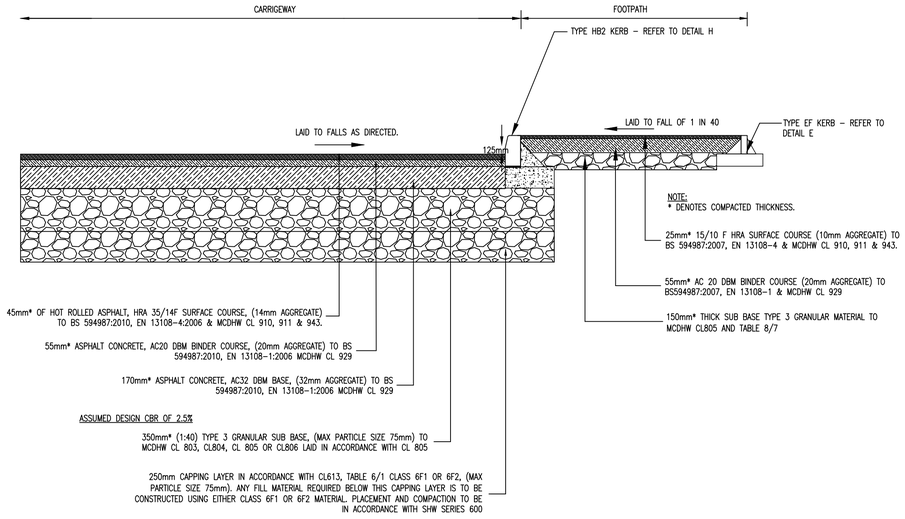
Proposed Kerbs, Footways and Paved Areas - Sheet 4 of 4

Drawing Status	Sheet Size	Drawing Scale
Planning	A1	1:500

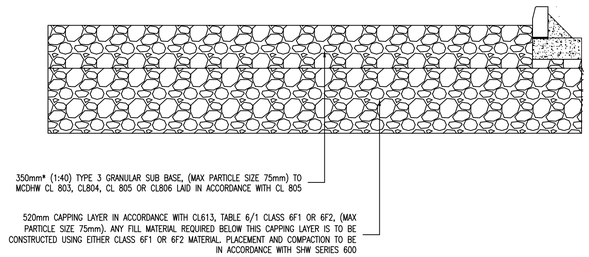
Drawing Number H0548-RPS-XX-00-DR-HE-1100-05

Rev -

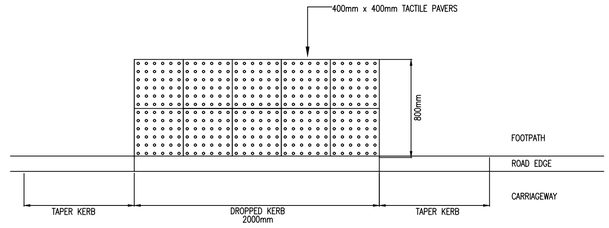
Project Leader	Drawn By	Date	Initial Review
BD	MMcG	April 2018	JB



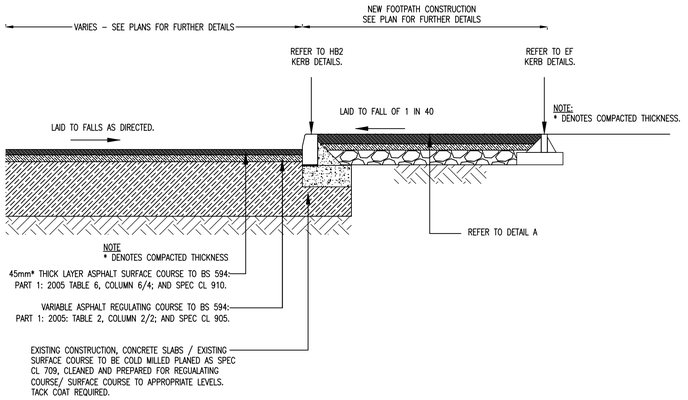
PROPOSED CARRIAGEWAY AND FOOTWAY CONSTRUCTION
DETAIL A



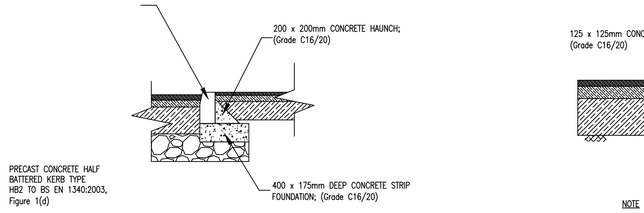
PROPOSED VEHICLE OVER-RUN
DETAIL C



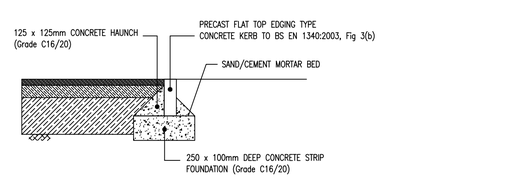
PLAN VIEW OF TACTILE CROSSING POINT
DETAIL D



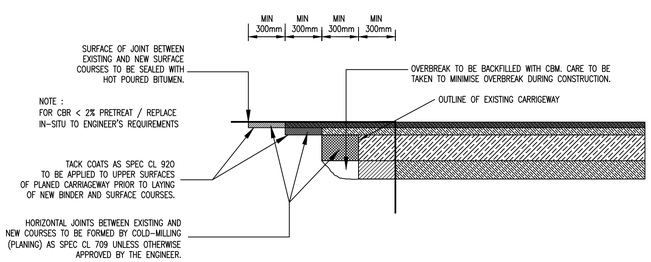
PROPOSED CARRIAGWAY OVERLAY ON EXISTING
DETAIL B



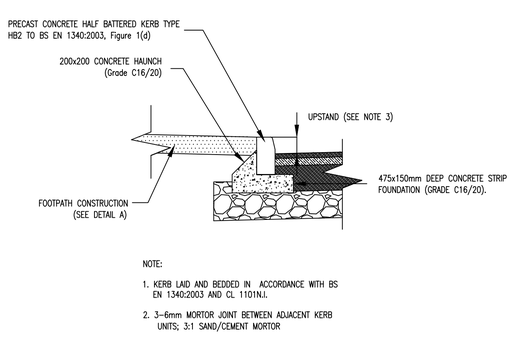
TYPICAL HB2 DK DROPPED KERB DETAILS
DETAIL G



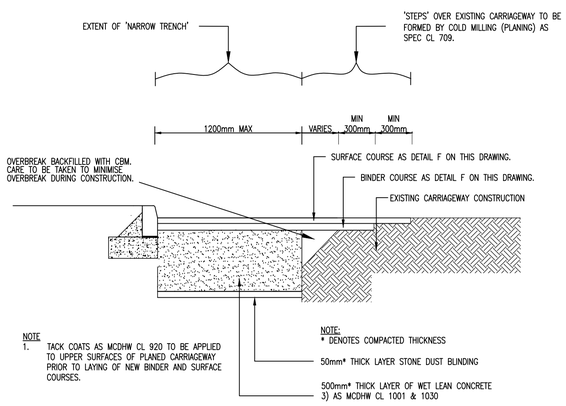
PRECAST EDGING EF DETAIL
DETAIL H



CONSTRUCTION JOINT DETAIL
DETAIL E



TYPICAL HB2 KERB DETAILS
DETAIL F



NARROW TRENCH CONSTRUCTION
DETAIL I

10m SCALE 1:2000

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 recipients 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 recipients drawing production, or setting out on site.
4. Datum: Ordance 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: H0548-RPS-XX-00-DR-HE-1200-01
Rev -

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