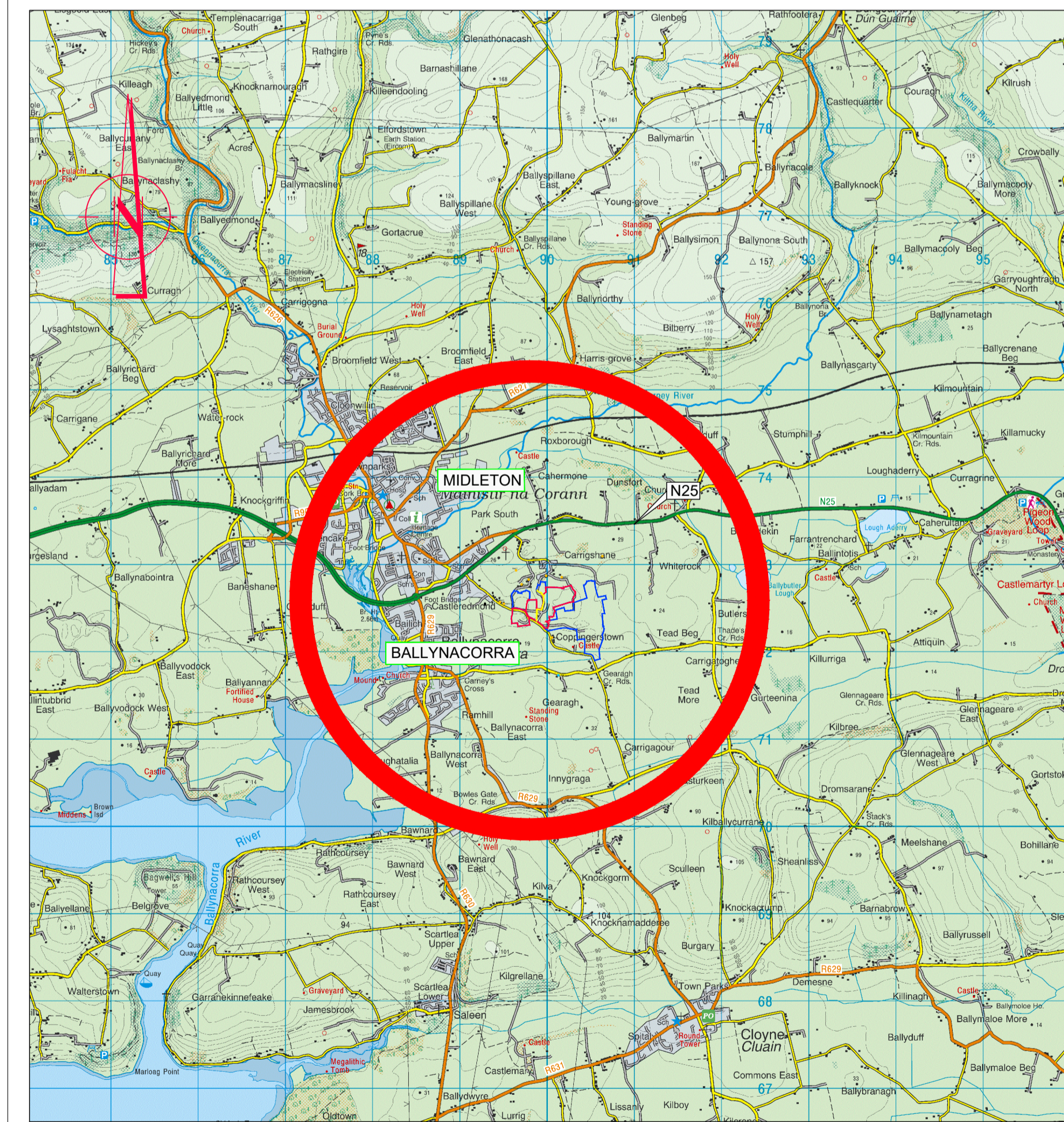
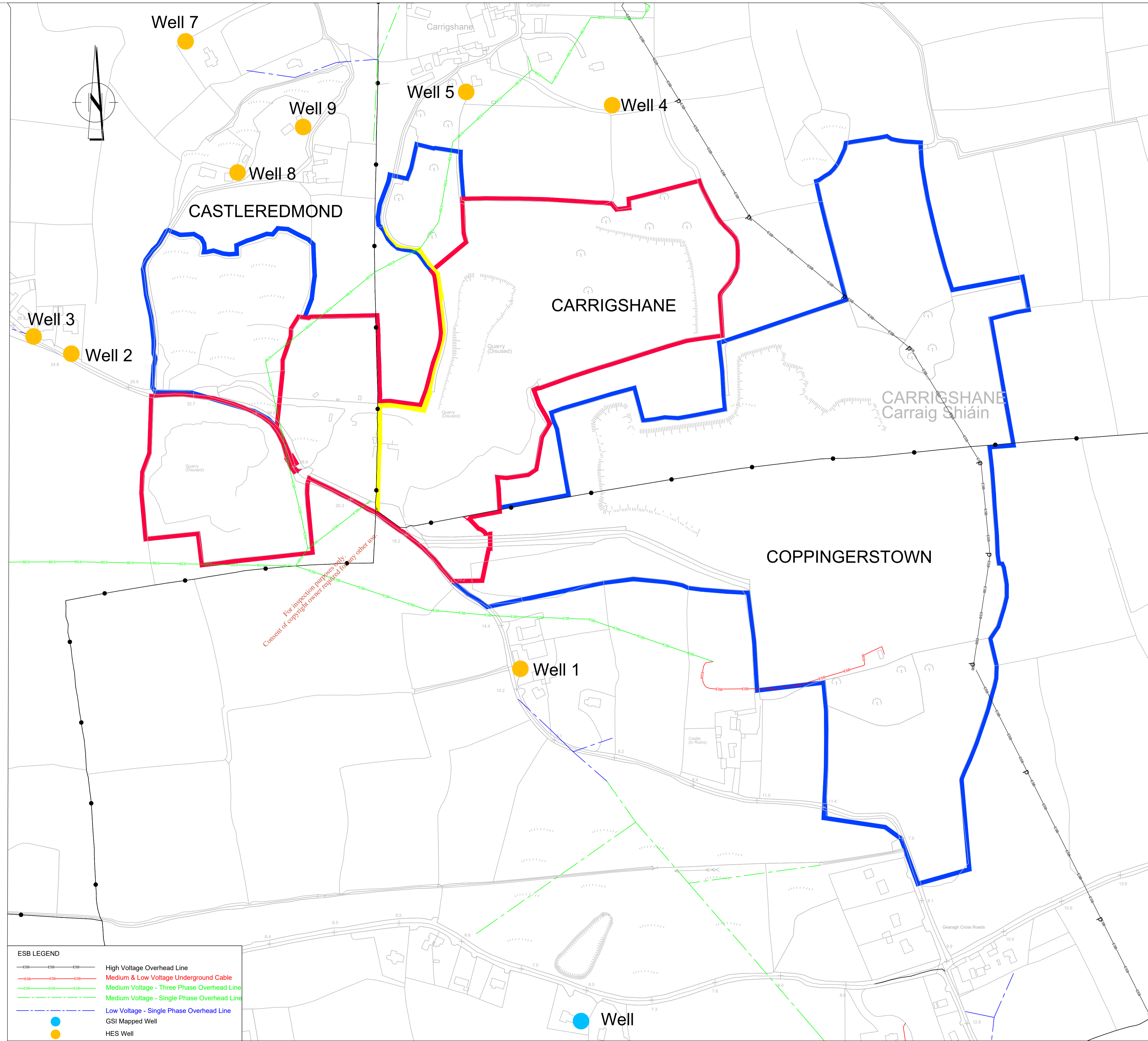


LOCATION PLAN
(Scale 1: 1500000)



LOCATION PLAN
(Scale 1: 50000)



SITE PLAN
(Scale 1: 2500)

NOTES

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- Datum: Ordnance Survey Datum, Malin Head.
- Final Technical layout to be agreed with Planning Authority prior to construction.
- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

WAYLEAVE

OSI VECTOR MAPPING TILES :- OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :- OS1806_D

SITE AREA :- 157,237m²

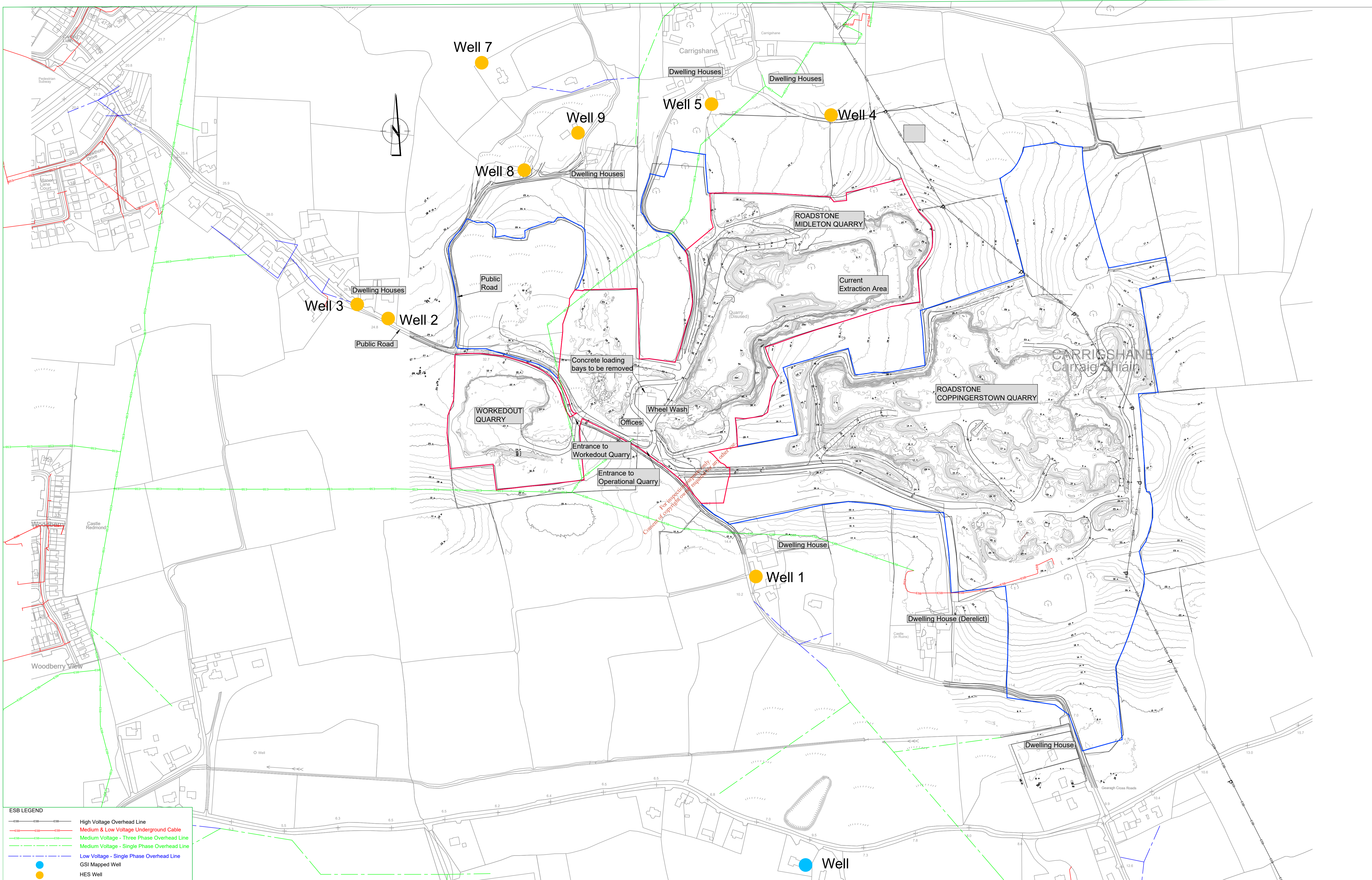
MAPPING CENTER :- 589960 E, 572543 N (ITM)

No.	Date	DRN/CHK	ISSUE FOR PLANNING	M.L.
P01	12.04.18	M.T./M.G.	ISSUE FOR PLANNING	M.L.
			Amendment / Issue	App

Client			
Roadstone Limited			
Drawn By	Checked By	Approved By	Date
KT	M.S.	M.L.	Dec. '19

Project		Roadstone Midleton Site	
Drawing Status		Sheet Size	
Draft		A1	
Scale		As Shown @ A1 Half @ A3	

Drawing Number	Rev
CP17028 WL0001	P01
Title	
SITE LOCATION MAP WITH SERVICES	



ESB LEGEND

	High Voltage Overhead Line
	Medium & Low Voltage Underground Cable
	Medium Voltage - Three Phase Overhead Line
	Medium Voltage - Single Phase Overhead Line
	Low Voltage - Single Phase Overhead Line
	GSI Mapped Well
	HES Well

- NOTES**
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 - Final Technical layout to be agreed with Planning Authority prior to construction.
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LEGEND :-

	APPLICATION SITE AREA (157,237m ²)
	LANDS IN CONTROL OF LANDOWNERS (465846m ²)

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

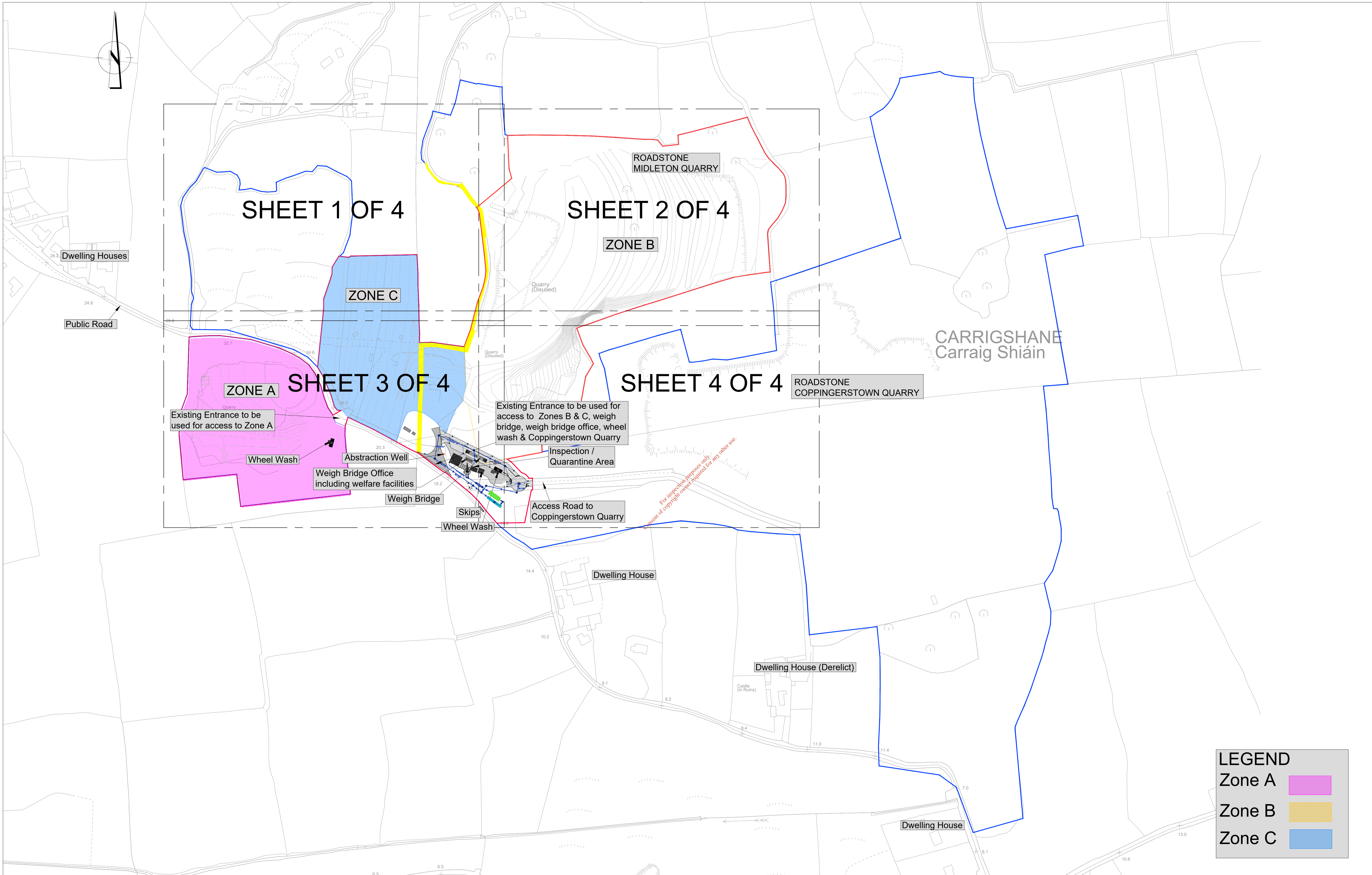
No.	Date	Amendment / Issue
P01	12.12.19	ISSUE FOR PLANNING

Client	Roadstone Limited
Drawn By	KT
Checked By	SOM
Approved By	M.L.
Date	Dec. '19

Project	Roadstone Midleton Site
Drawing Status	Draft
Sheet Size	A1
Scale	1:2500 @ A1 Half @ A3

Drawing Number	CP17028 WL0002
Rev	P01
Title	EXISTING SITE LAYOUT PLAN WITH CONTOURS AND SERVICES

Client	Roadstone Limited
Drawn By	KT
Checked By	SOM
Approved By	M.L.
Date	Dec. '19



LEGEND

Zone A

Zone B

Zone C

NOTES

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- Datum: Ordnance Survey Datum, Malin Head.
- Final Technical layout to be agreed with Planning Authority prior to construction.
- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

WAYLEAVE

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

No.	Date	By	Amendment / Issue
P01	11.07.19	M.L.	ISSUE FOR WASTE LICENCE

Client
Roadstone Limited

Drawn By: KT
Checked By: MS
Approved By: M.L.
Date: Dec. '19

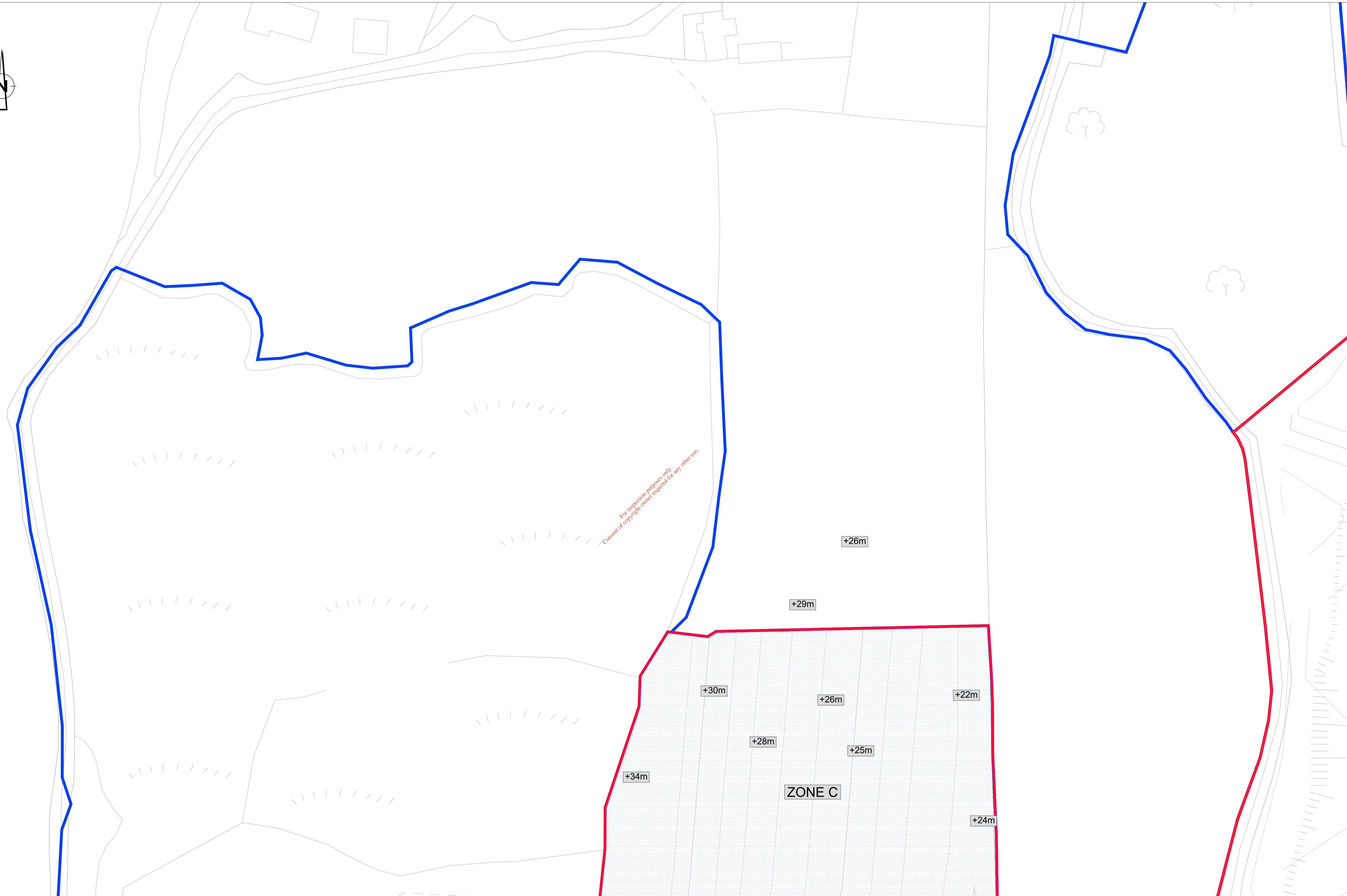
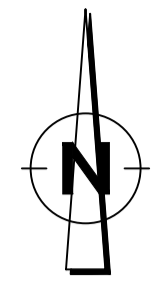
RPS Inishmore, Ballincollig, Co. Cork, Ireland
T: +353 21 4865900
F: +353 21 4873742
W: www.rpsgroup.com/ireland
E: ireland@rpsgroup.com

Project: **Roadstone Midleton Site**

Drawing Status: Draft
Sheet Size: A1
Scale: 1:2000 @ A1

Drawing Number: **CP17028 WL0003**
Rev: **P01**

Title: **PROPOSED SITE LAYOUT COVER SHEET**



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- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

WAYLEAVE

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

No.	Date	By	For	Amendment / Issue	App
P01	11.07.19	KT	MS	ISSUE FOR WASTE LICENCE	M.L.

Client
Roadstone Limited

Drawn By: KT
Checked By: MS
Approved By: M.L.
Date: Dec. '19

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F: +353 21 4873742
W: www.rpsgroup.com/ireland
E: ireland@rpsgroup.com

Project: **Roadstone Midleton Site**

Drawing Status: Draft
Sheet Size: A1
Scale: 1:500 @ A1 Half @ A3

Drawing Number: **CP17028WL0004**
Rev: **P01**

Title: **PROPOSED SITE LAYOUT**
Sheet 1 of 4



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- Datum: Ordnance Survey Datum, Malin Head.
- Final Technical layout to be agreed with Planning Authority prior to construction.
- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²) —

LANDS IN CONTROL OF LANDOWNERS (465846m²) —

WAYLEAVE —

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

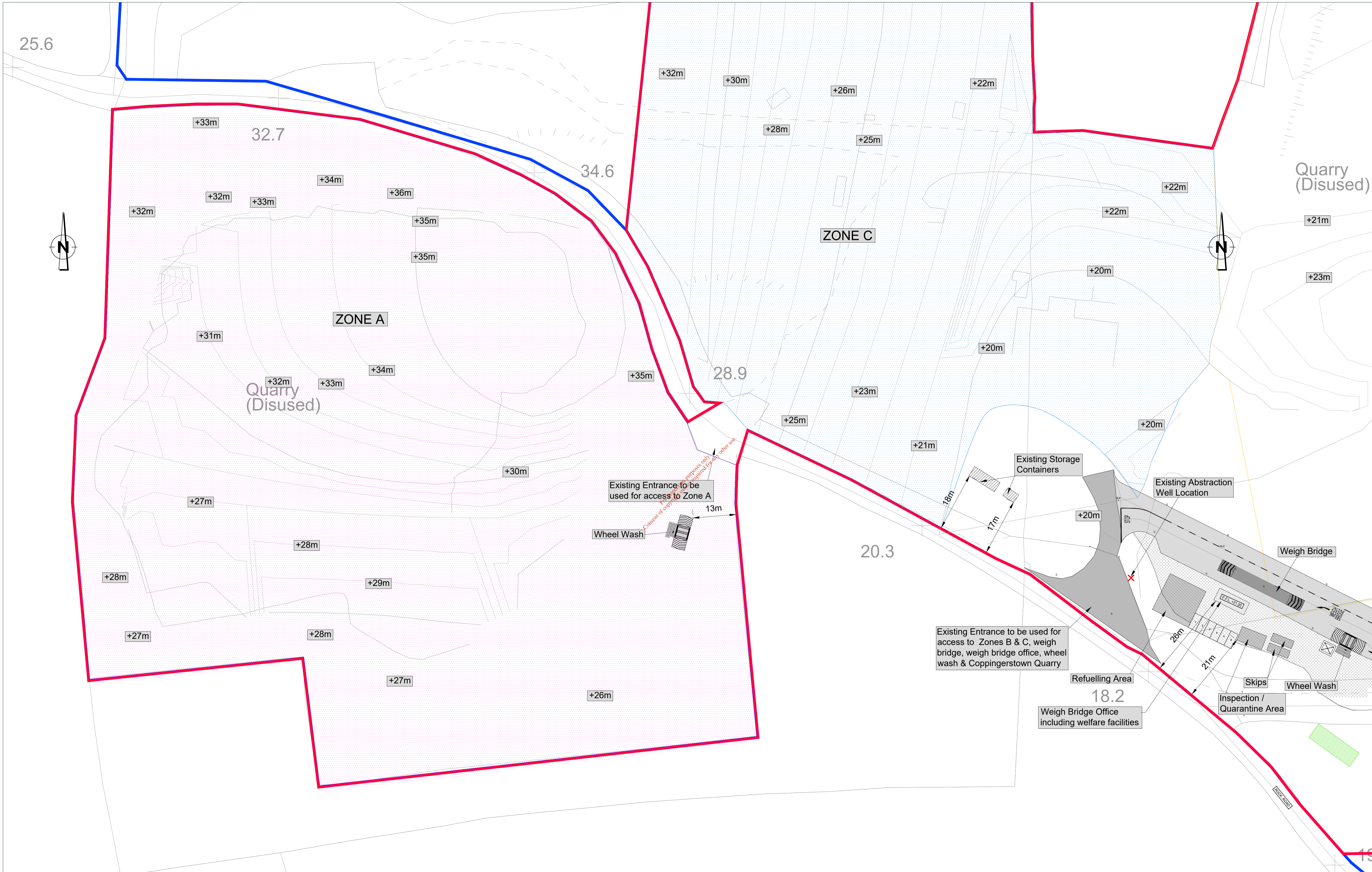
MAPPING CENTER :-
589960 E, 572543 N (ITM)

No.	Date	By	Amendment / Issue	App
P01	11.07.19	M.S.	ISSUE FOR WASTE LICENCE	M.L.

Client	
Roadstone Limited	
Drawn By	Checked By
KT	MS
Approved By	Date
M.L.	Dec. '19

Project	
Roadstone Midleton Site	
Drawing Status	Sheet Size
Draft	A1
Scale	1:500 @ A1 Half @ A3

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Drawing Number		CP17028WL0005		Rev P01	
Title		PROPOSED SITE LAYOUT Sheet 2 of 4			



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- Datum: Ordnance Survey Datum, Malin Head.
- Final Technical layout to be agreed with Planning Authority prior to construction.
- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²) —

LANDS IN CONTROL OF LANDOWNERS (465846m²) —

WAYLEAVE —

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

No.	Date	By	App	Amendment / Issue
P01	11.07.19	K.T. MS		ISSUE FOR WASTE LICENCE

Client		Roadstone Limited	
Drawn By	Checked By	Approved By	Date
KT	MS	M.L.	Dec. '19

Project		Roadstone Midleton Site	
Drawing Status	Sheet Size	Scale	
Draft	A1	1:500 @ A1 Half @ A3	

Drawing Number		CP17028WL0006	
Rev		P01	
Title			
PROPOSED SITE LAYOUT Sheet 3 of 4			

Client: Roadstone Limited

Project: Roadstone Midleton Site

Drawing Status: Draft

Sheet Size: A1

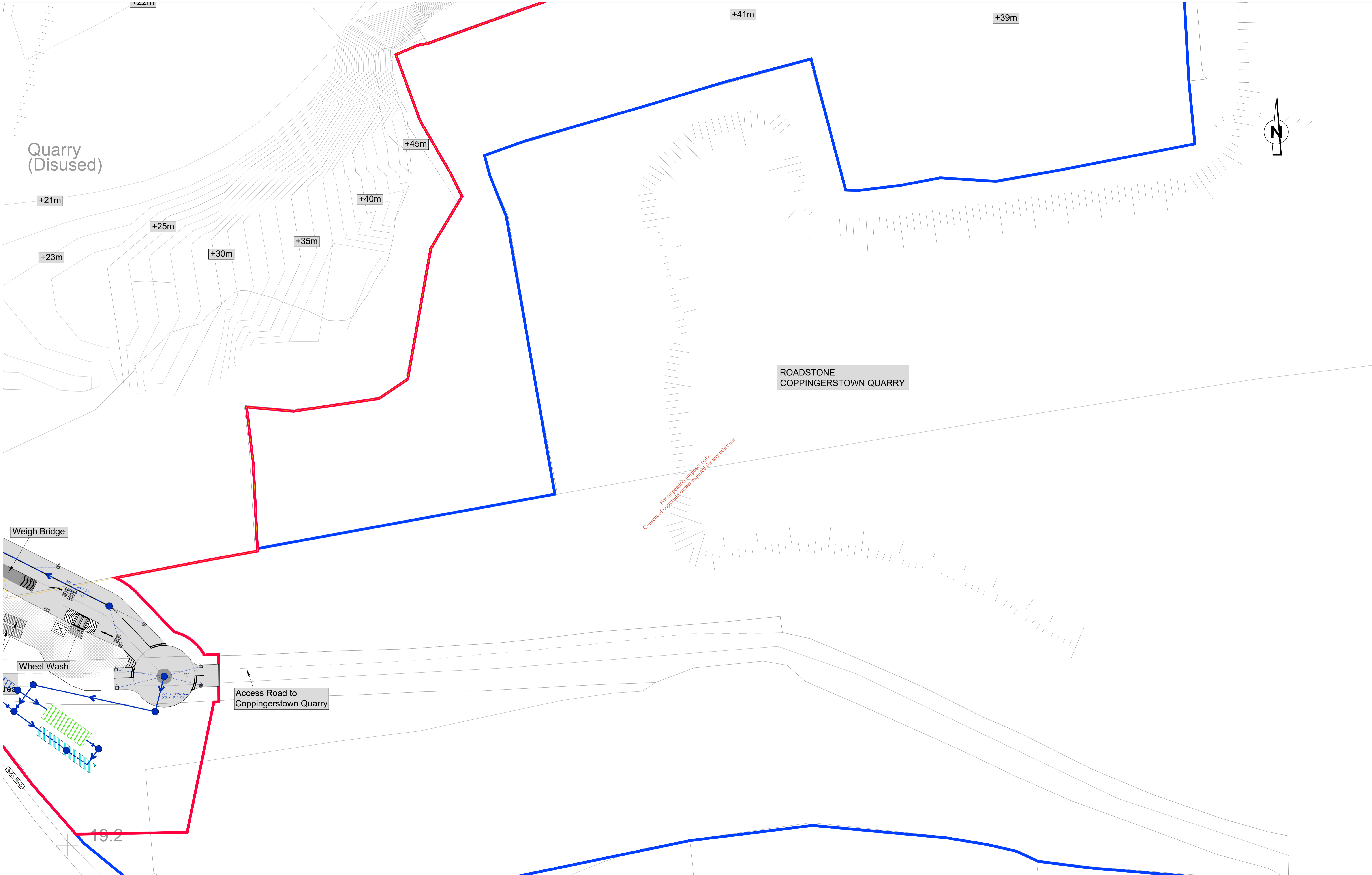
Scale: 1:500 @ A1, Half @ A3

Drawing Number: CP17028WL0006

Rev: P01

Title: PROPOSED SITE LAYOUT Sheet 3 of 4

Half @ A3



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- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

WAYLEAVE

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

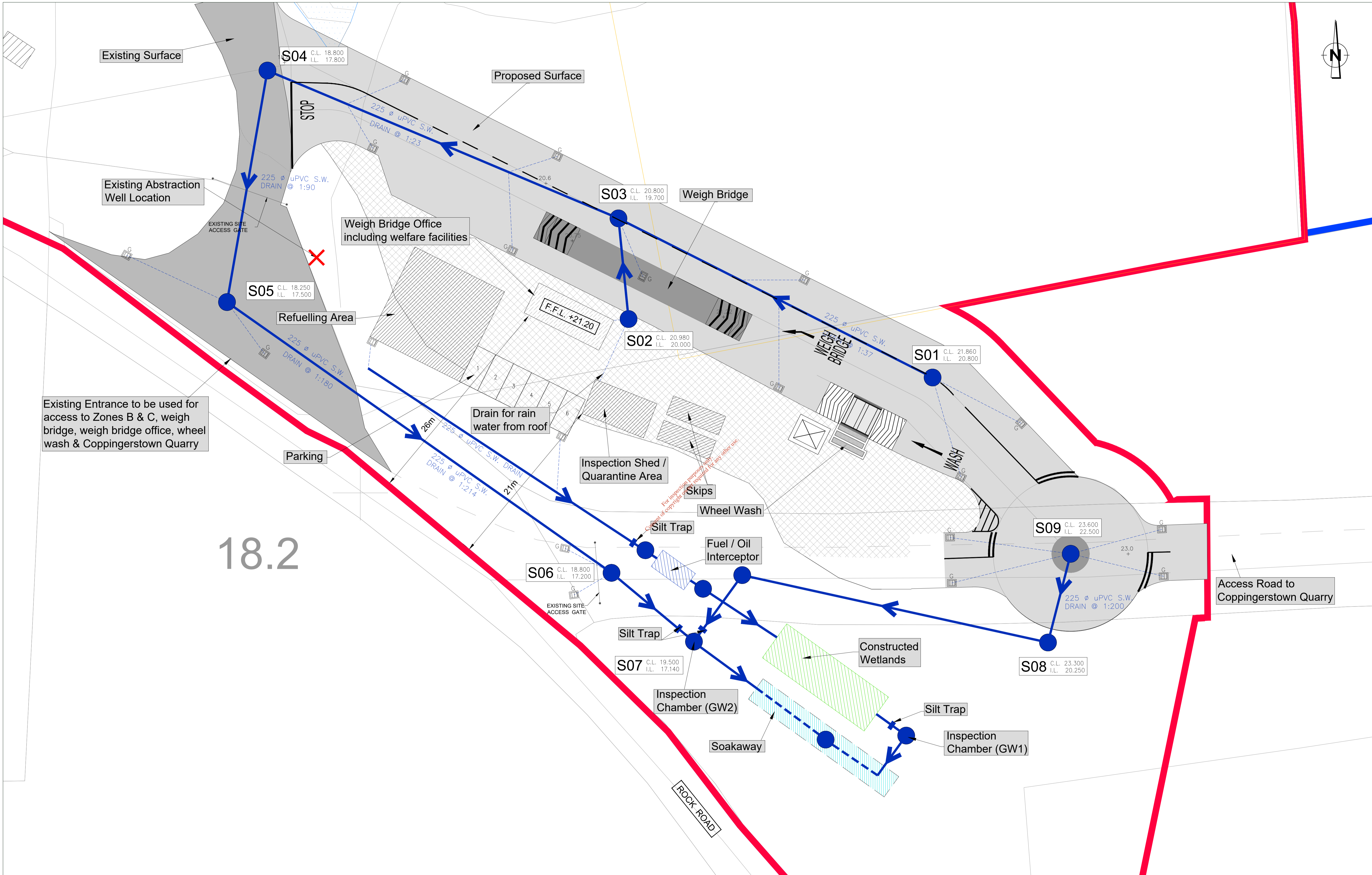
No.	Date	Drawn By	Checked By	Amendment / Issue
P01	11.07.19	KT	MS	ISSUE FOR WASTE LICENCE

Client	
Roadstone Limited	
Drawn By	Checked By
KT	MS
Approved By	Date
M.L.	Dec. '19

Project	
Roadstone Midleton Site	
Drawing Status	Sheet Size
Draft	A1
Scale	1:500 @ A1 Half @ A3

RPS		Innishmore Ballincollig Co. Cork Ireland		T +353 21 4865900 F +353 21 4873742 W www.rpsgroup.com/ireland E ireland@rpsgroup.com	
Drawing Number		CP17028WL0007		Rev	
Title		PROPOSED SITE LAYOUT		Sheet 4 of 4	

Client	
Roadstone Limited	
Drawn By	Checked By
KT	MS
Approved By	Date
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18.2

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- Datum: Ordnance Survey Datum, Malin Head.
- Final Technical layout to be agreed with Planning Authority prior to construction.
- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDOWNERS IN CONTROL OF LANDOWNERS (465846m²)

WAYLEAVE

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

No.	Date	App	Amendment / Issue
P01	12.12.19	KT	ISSUE FOR WASTE LICENCE

Client
Roadstone Limited

Drawn By: KT
Checked By: MS
Approved By: M.L.
Date: Dec. '19

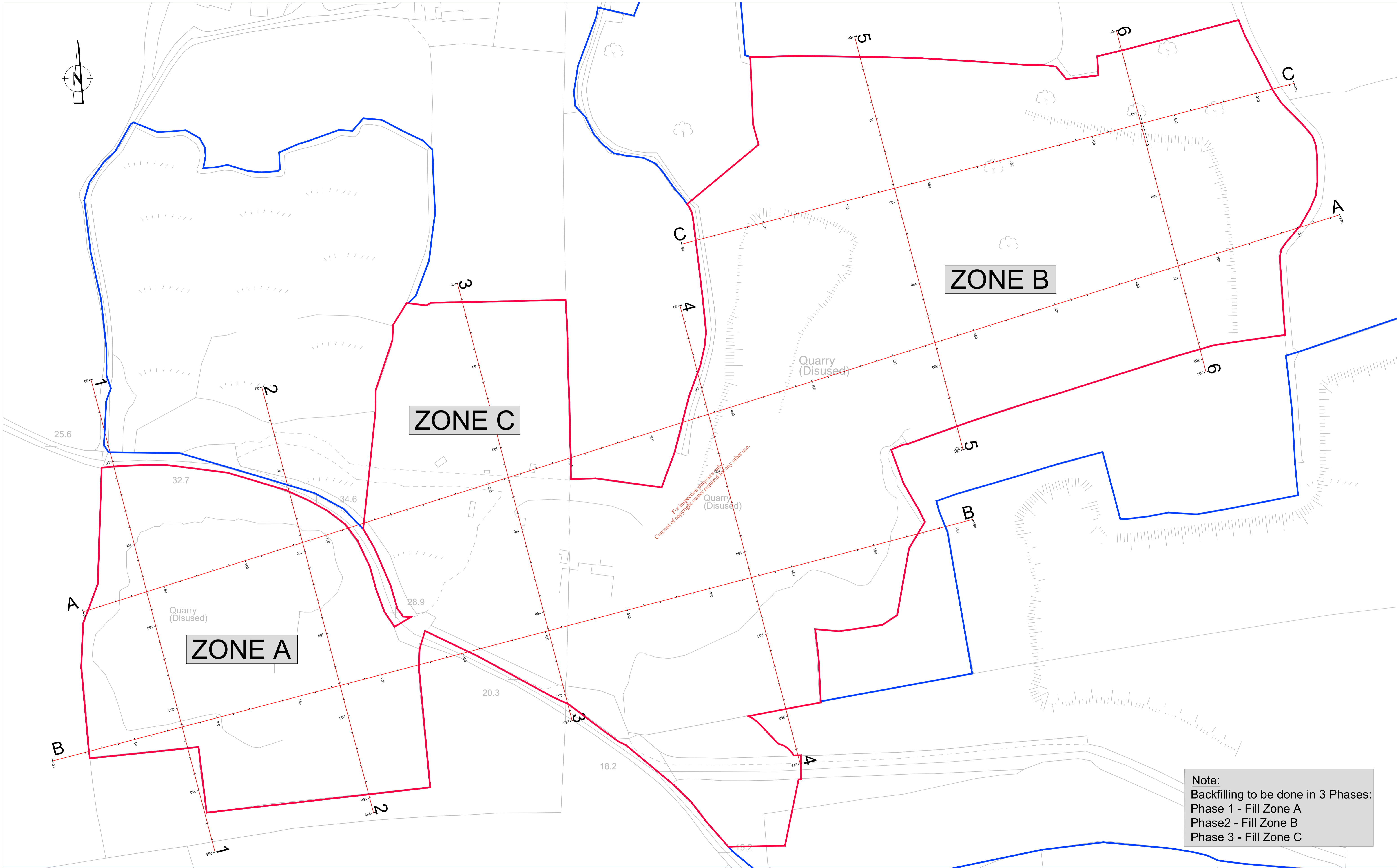
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Project: **Roadstone Midleton Site**

Drawing Status: Draft
Sheet Size: A1
Scale: 1:200 @ A1 Half @ A3

Drawing Number: **CP17028WL0008**
Rev: **P01**

Title: **PROPOSED SITE LAYOUT AT HARDSTANDING AREA AND PROPOSED DRAINAGE**



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- Datum: Ordnance Survey Datum, Malin Head.
- Final Technical layout to be agreed with Planning Authority prior to construction.
- All Dimensions are indicative only and depend on the final system selected.

LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

No.	Date	Drawn By	Amendment / Issue	App
P01	12.12.19	M.S.	ISSUE FOR WASTE LICENCE	M.L.

Client
Roadstone Limited

Drawn By: KT
Checked By: M.S.
Approved By: M.L.
Date: Dec. '19

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

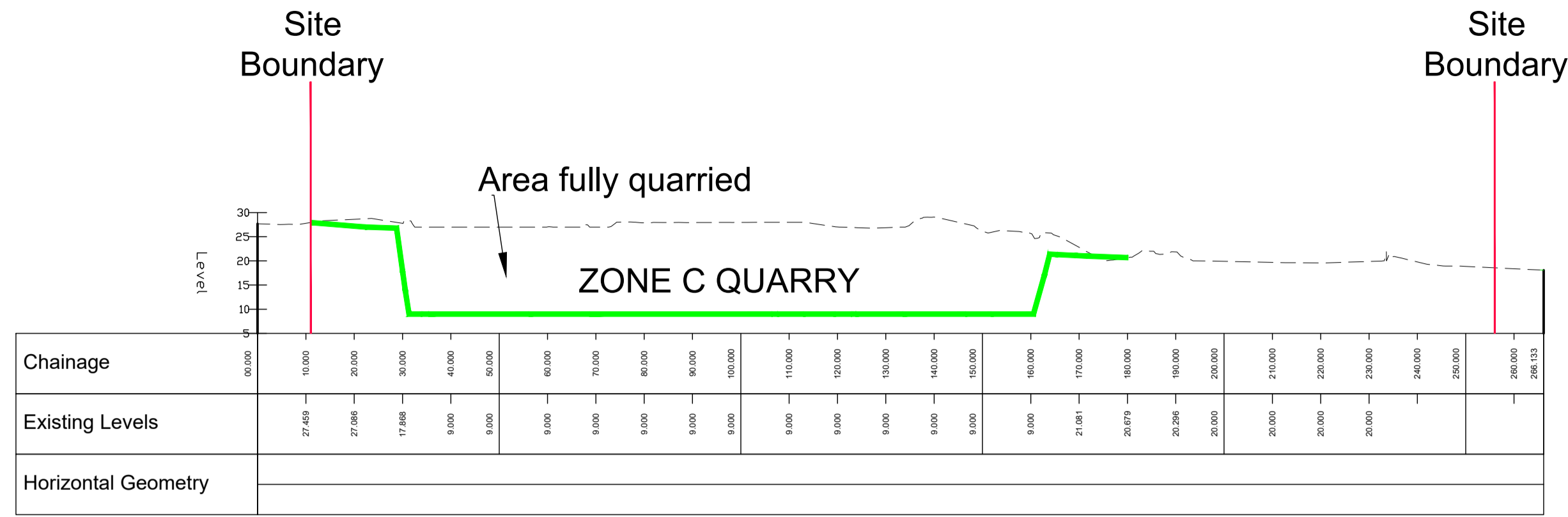
Project: **Roadstone Midleton Site**

Drawing Status: Draft
Sheet Size: A1
Scale: 1:1000 @ A1 Half @ A3

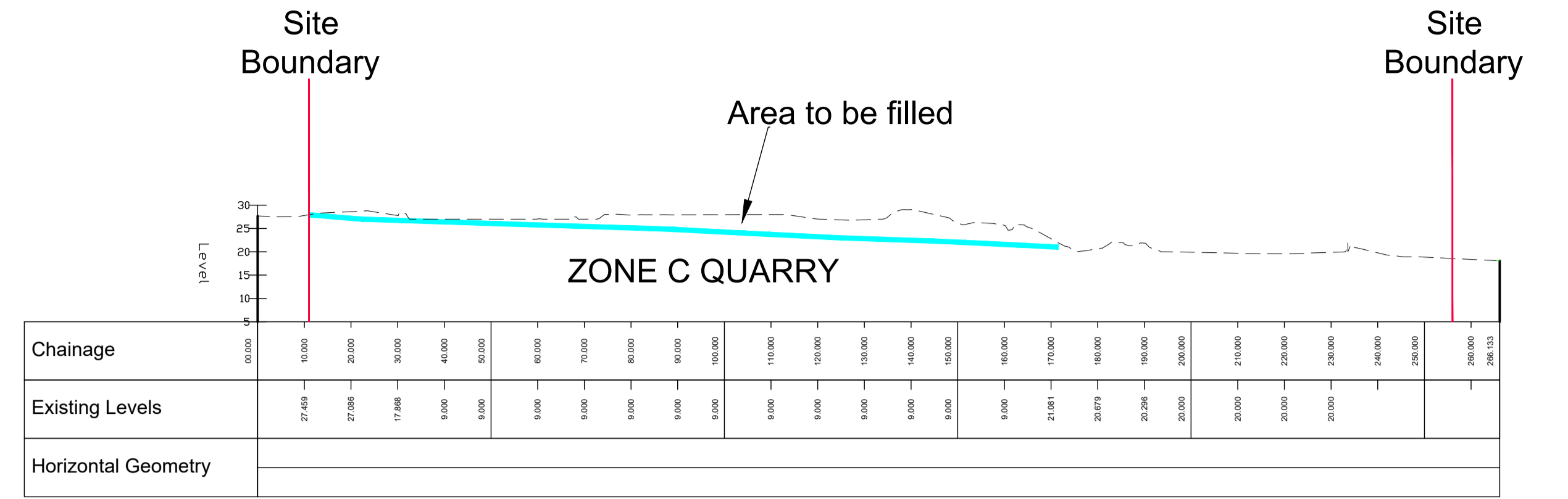
Drawing Number: **CP17028 WL0009**

Rev: **P01**

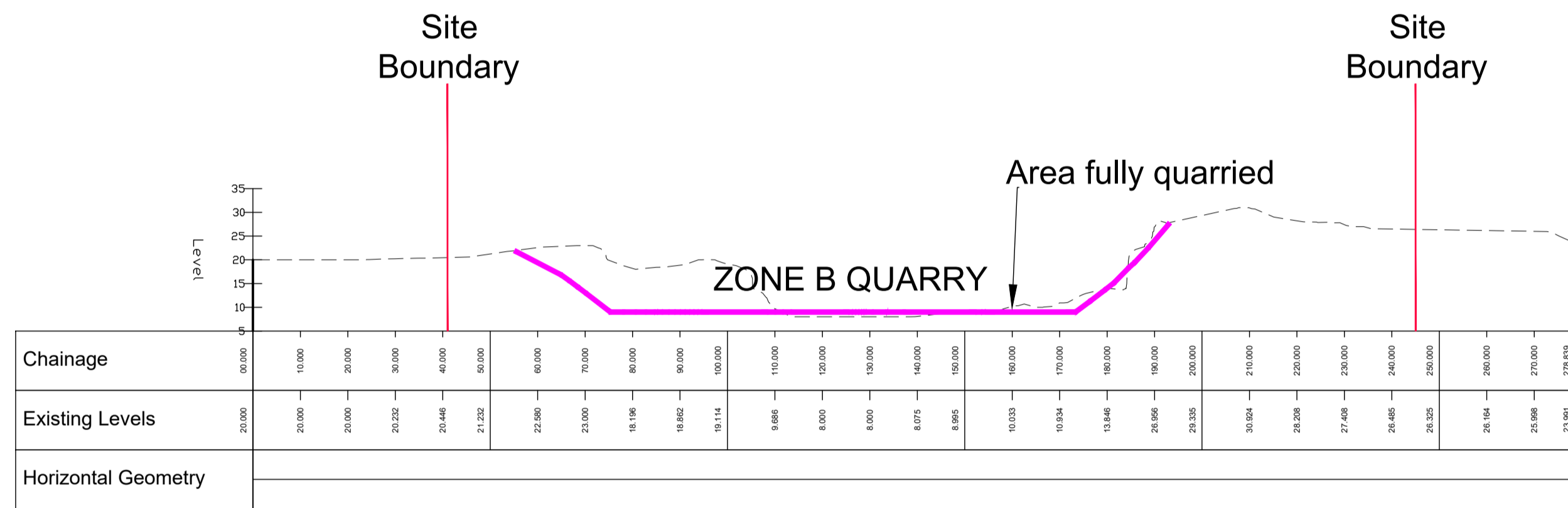
Title: **SECTION LOCATIONS**



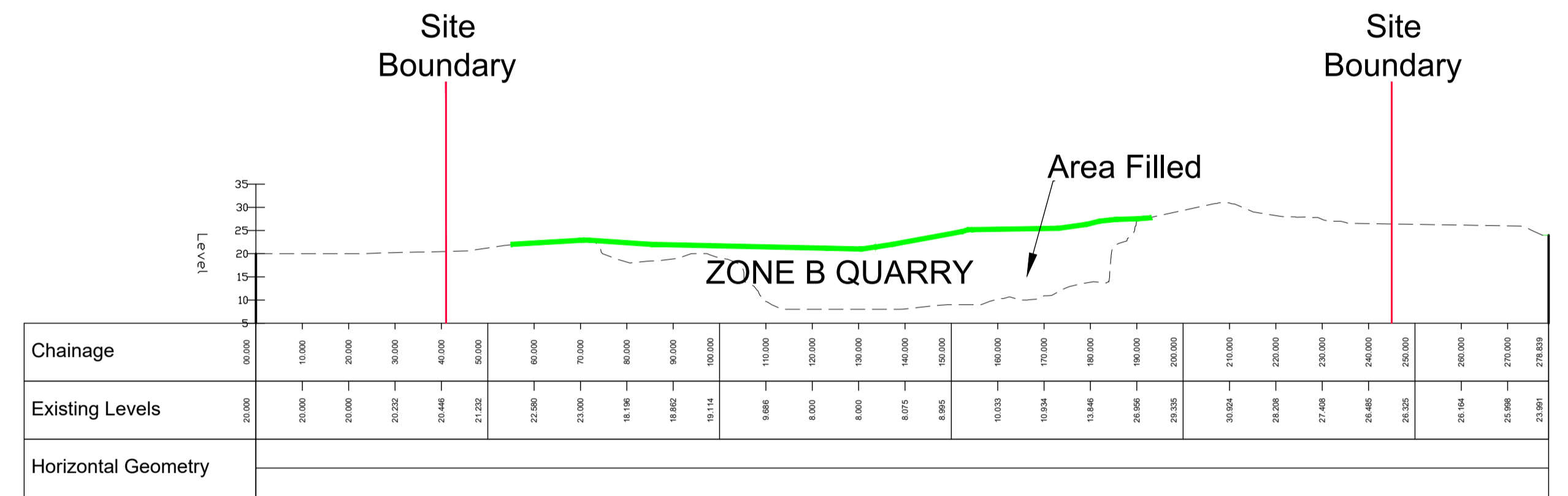
SECTION 3-3 - PHASE 2



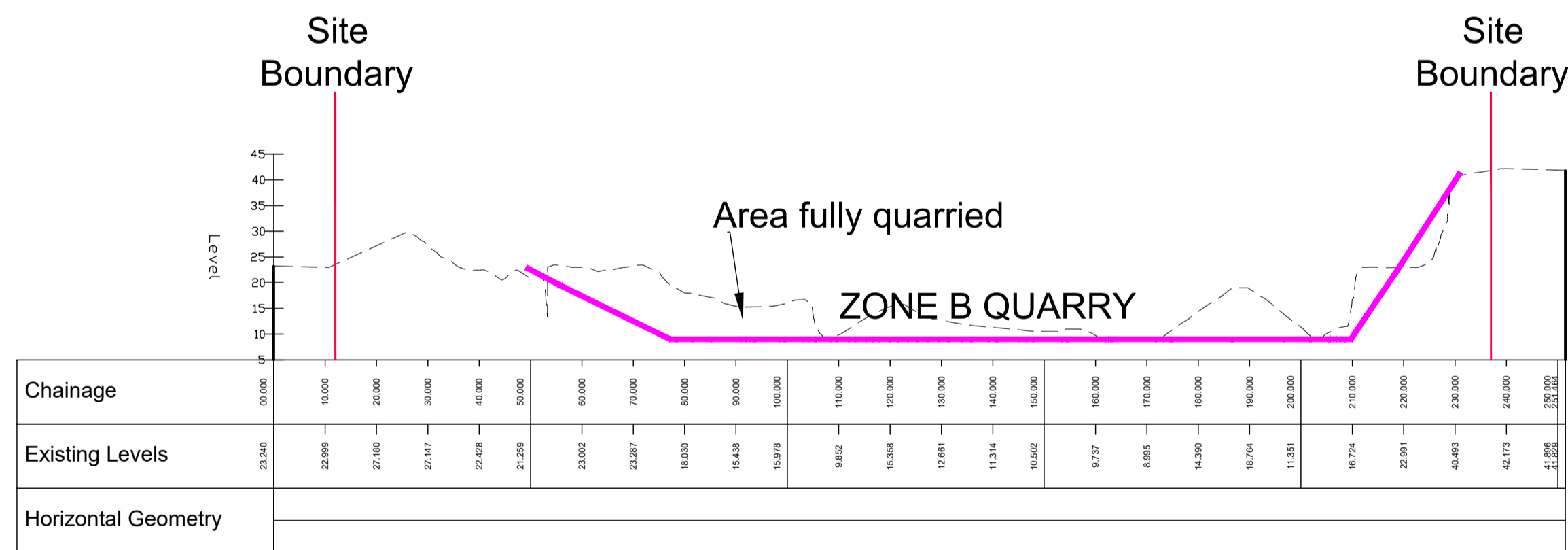
SECTION 3-3 - PHASE 3



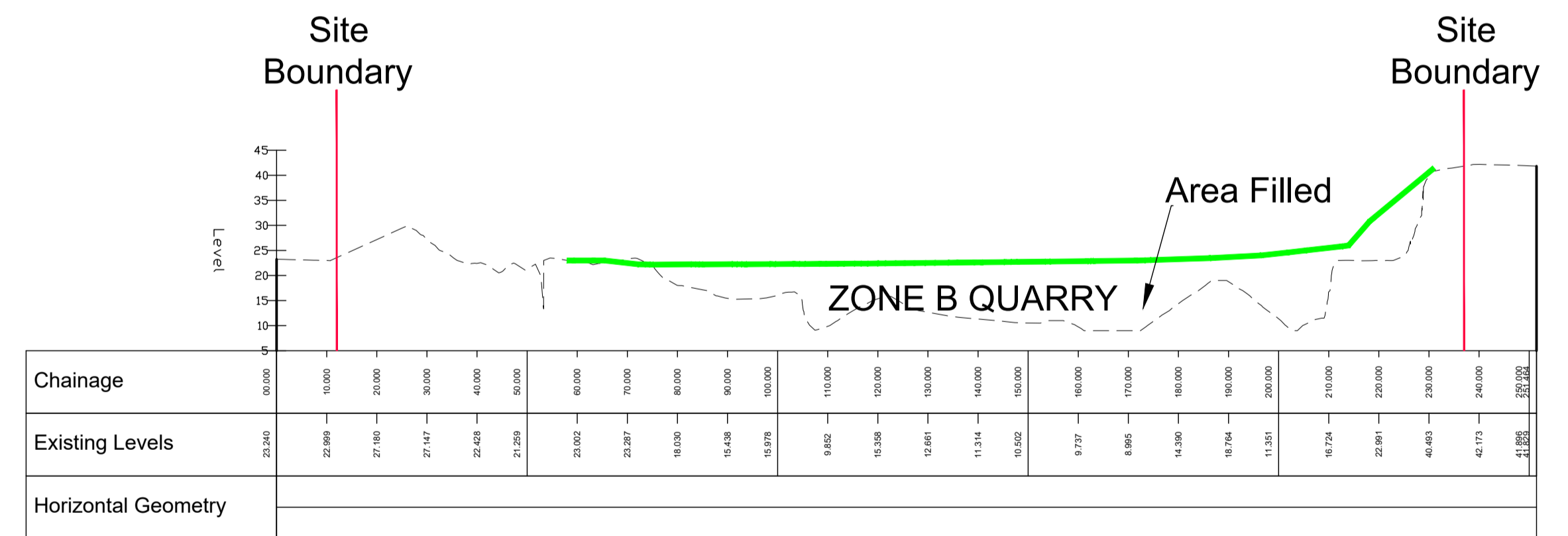
SECTION 4-4 - PHASE 1



SECTION 4-4 - PHASE 2



SECTION 5-5 - PHASE 1



SECTION 5-5 - PHASE 2

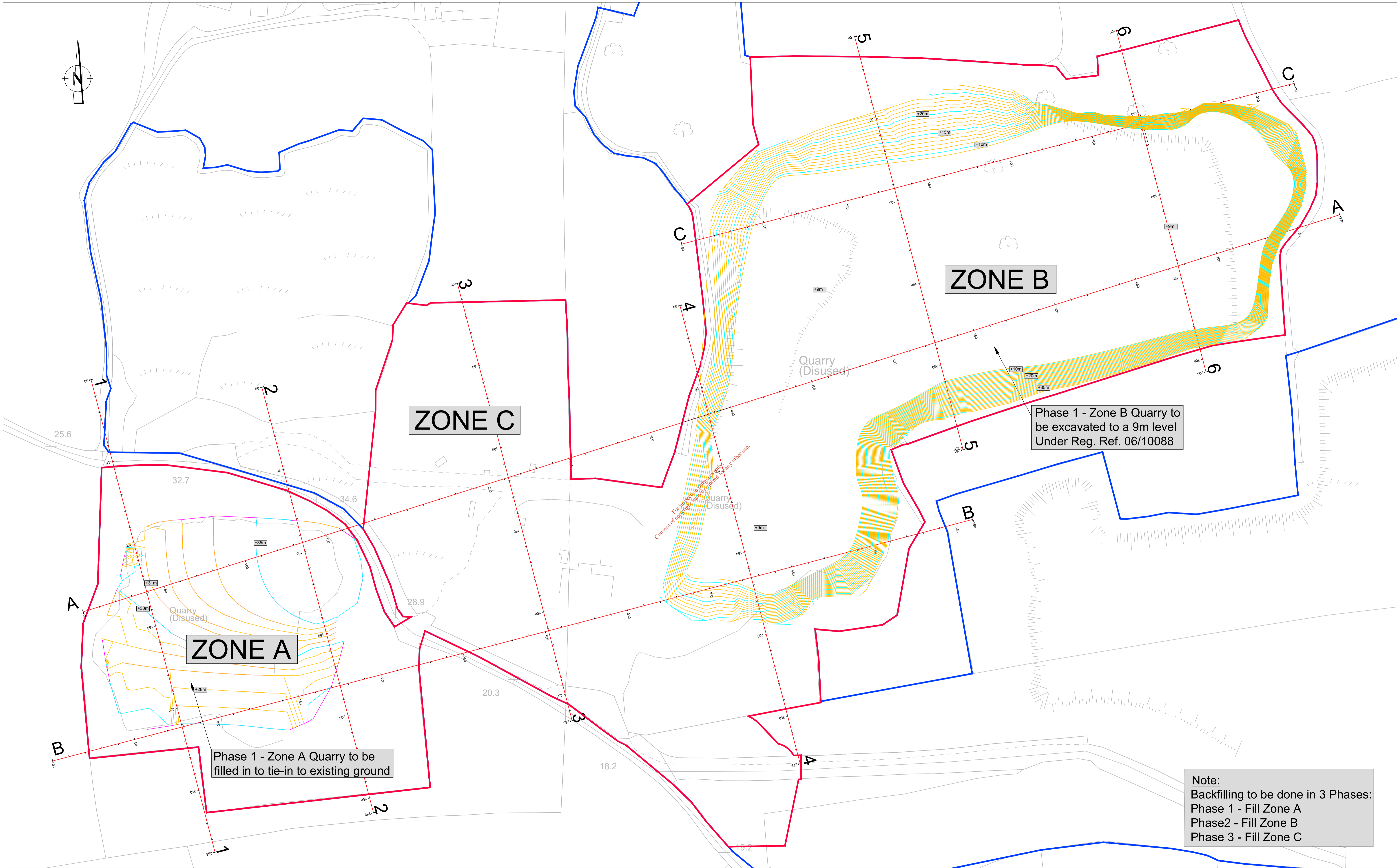
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Legend			
	Existing Ground		Phase 1 Level
	Phase 2 Level		Phase 3 Level

Scale Horizontal : 1:1000
Scale Vertical : 1:1000

Notes
 Phase 1 - 100000m³ approx. required to fill Zone A to tie in to surrounding ground
 Phase 1 - 298000m³ approx. to be extracted to take Zone B to 9m ground level
 Phase 2 - 1100000m³ approx. required to fill Zone B from 9m level to tie in to surrounding ground
 Phase 2 - 195000m³ approx. to be extracted to take Zone C to 9m ground level
 Phase 3 - 147000m³ approx. required to fill Zone C from 9m level to tie in to surrounding ground
 Indicative extraction cut - actual form of cut will be benched and not smooth sloped

<p>NOTES</p> <ol style="list-style-type: none"> This drawing is the property of RPS Group PLC, it is a confidential document and must not be copied, used, or its content divulged without prior written consent. Verifying Dimensions. The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work. Existing Services. Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences. Issue of Drawings. Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg, dxf etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipient's own risk. RPS will not accept any responsibility for any errors arising from the use of these files, either by human error by the recipient, listing of un-dimensioned measurements, compatibility issues with the recipient's software, and any errors arising when these files are used to aid the recipient's drawing production, or setting out on site. Datum: Ordnance Survey Datum, Malin Head. Final Technical layout to be agreed with Planning Authority prior to construction. All Dimensions are indicative only and depend on the final system selected. 	<p>LEGEND :-</p> <p>APPLICATION SITE AREA (157,237m²)</p> <p>LANDS IN CONTROL OF LANDOWNERS (465846m²)</p>	<p>OSI VECTOR MAPPING TILES :- OS6388-A, OS6388-B</p> <p>OSI DISCOVERY MAPPING TILE :- OS1806_D</p> <p>SITE AREA :- 157,237m²</p> <p>MAPPING CENTER :- 589960 E, 572543 N (ITM)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>No.</td> <td>Date</td> <td>By</td> <td>Amendment / Issue</td> </tr> <tr> <td>P01</td> <td>12.12.19</td> <td>M.L.</td> <td>ISSUE FOR WASTE LICENCE</td> </tr> </table>	No.	Date	By	Amendment / Issue	P01	12.12.19	M.L.	ISSUE FOR WASTE LICENCE								
No.	Date	By	Amendment / Issue																
P01	12.12.19	M.L.	ISSUE FOR WASTE LICENCE																
<p>Client</p> <p>Roadstone Limited</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"> <p>RPS Inishmore T +353 21 4865900 Ballincellig F +353 21 4873742 Co. Cork W www.rpsgroup.com/ireland Ireland E ireland@rpsgroup.com</p> </td> <td> <p>Drawing Number CP17028 WL0012</p> </td> <td> <p>Rev P01</p> </td> </tr> <tr> <td colspan="2"> <p>Project Roadstone Midleton Site</p> </td> <td colspan="2"> <p>Title LONG SECTIONS THROUGH SITE (SHEET 3 OF 4)</p> </td> </tr> <tr> <td> <p>Drawing Status Draft</p> </td> <td> <p>Sheet Size A1</p> </td> <td> <p>Scale As Shown @ A1 Half @ A3</p> </td> <td></td> </tr> </table>		<p>RPS Inishmore T +353 21 4865900 Ballincellig F +353 21 4873742 Co. Cork W www.rpsgroup.com/ireland Ireland E ireland@rpsgroup.com</p>		<p>Drawing Number CP17028 WL0012</p>	<p>Rev P01</p>	<p>Project Roadstone Midleton Site</p>		<p>Title LONG SECTIONS THROUGH SITE (SHEET 3 OF 4)</p>		<p>Drawing Status Draft</p>	<p>Sheet Size A1</p>	<p>Scale As Shown @ A1 Half @ A3</p>					
<p>RPS Inishmore T +353 21 4865900 Ballincellig F +353 21 4873742 Co. Cork W www.rpsgroup.com/ireland Ireland E ireland@rpsgroup.com</p>		<p>Drawing Number CP17028 WL0012</p>	<p>Rev P01</p>																
<p>Project Roadstone Midleton Site</p>		<p>Title LONG SECTIONS THROUGH SITE (SHEET 3 OF 4)</p>																	
<p>Drawing Status Draft</p>	<p>Sheet Size A1</p>	<p>Scale As Shown @ A1 Half @ A3</p>																	
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Drawn By	Checked By	Approved By	Date																
KT	M.S.	M.L.	Dec. '19																
No.	Date	By	Amendment / Issue																



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LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

OSI VECTOR MAPPING TILES :-
OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :-
OS1806_D

SITE AREA :-
157,237m²

MAPPING CENTER :-
589960 E, 572543 N (ITM)

No.	Date	Drawn By	Checked By	Approved By	Date	Amendment / Issue
P01	14.08.18	KT	M.S.	M.L.	Dec. '19	ISSUE FOR WASTE LICENCE

Client
Roadstone Limited

Drawn By: KT
Checked By: M.S.
Approved By: M.L.
Date: Dec. '19

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E: ireland@rpsgroup.com

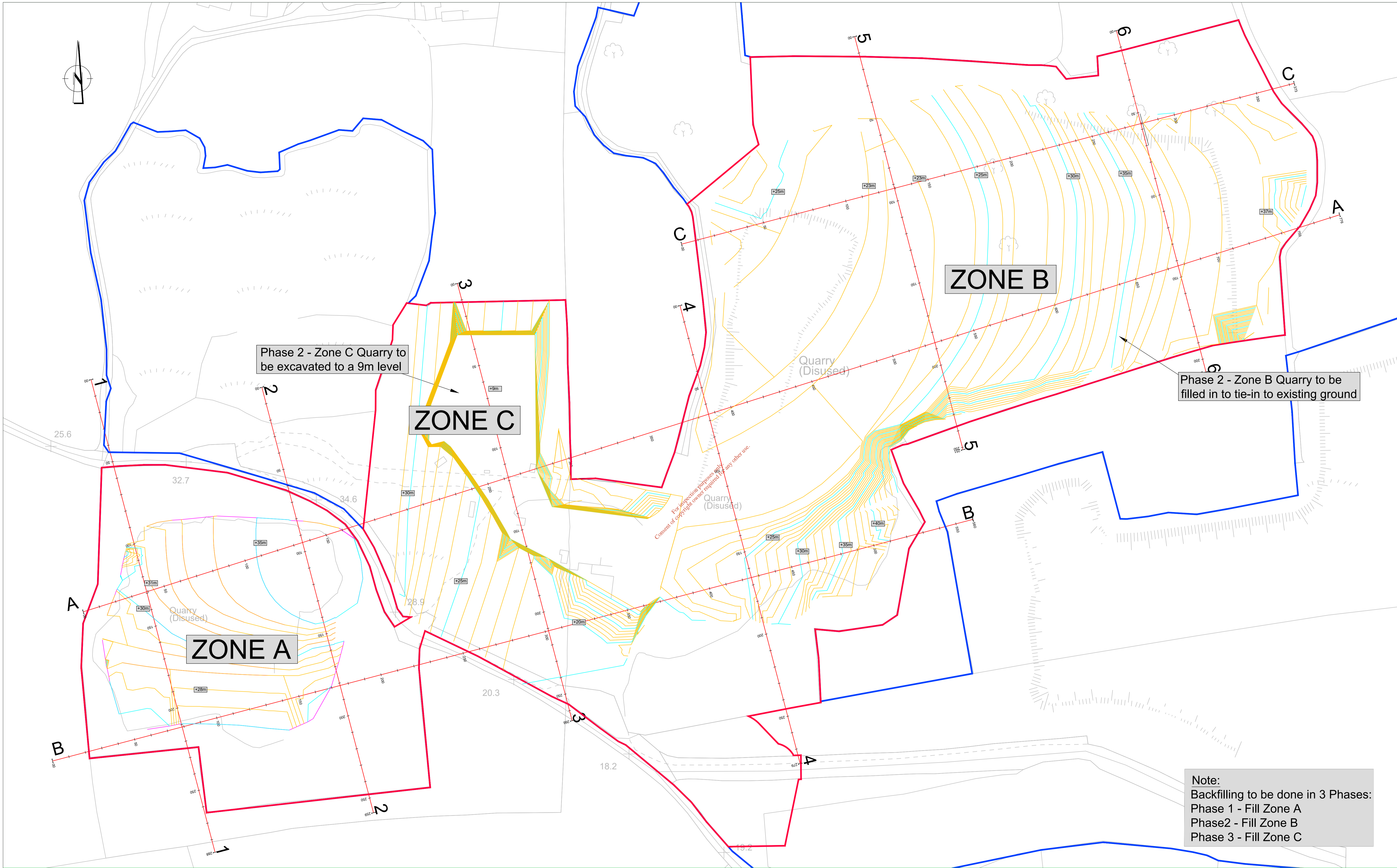
Project: **Roadstone Midleton Site**

Drawing Status: Draft
Sheet Size: A1
Scale: 1:1000 @ A1 Half @ A3

Drawing Number: **CP17028 WL0014**
Rev: **P01**

Title: **PHASE 1 - Backfilling Zone A
Extracting Zone B to 9m**

Note:
Backfilling to be done in 3 Phases:
Phase 1 - Fill Zone A
Phase 2 - Fill Zone B
Phase 3 - Fill Zone C



- NOTES**
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LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

OSI VECTOR MAPPING TILES :- OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :- OS1806_D

SITE AREA :- 157,237m²

MAPPING CENTER :- 589960 E, 572543 N (ITM)

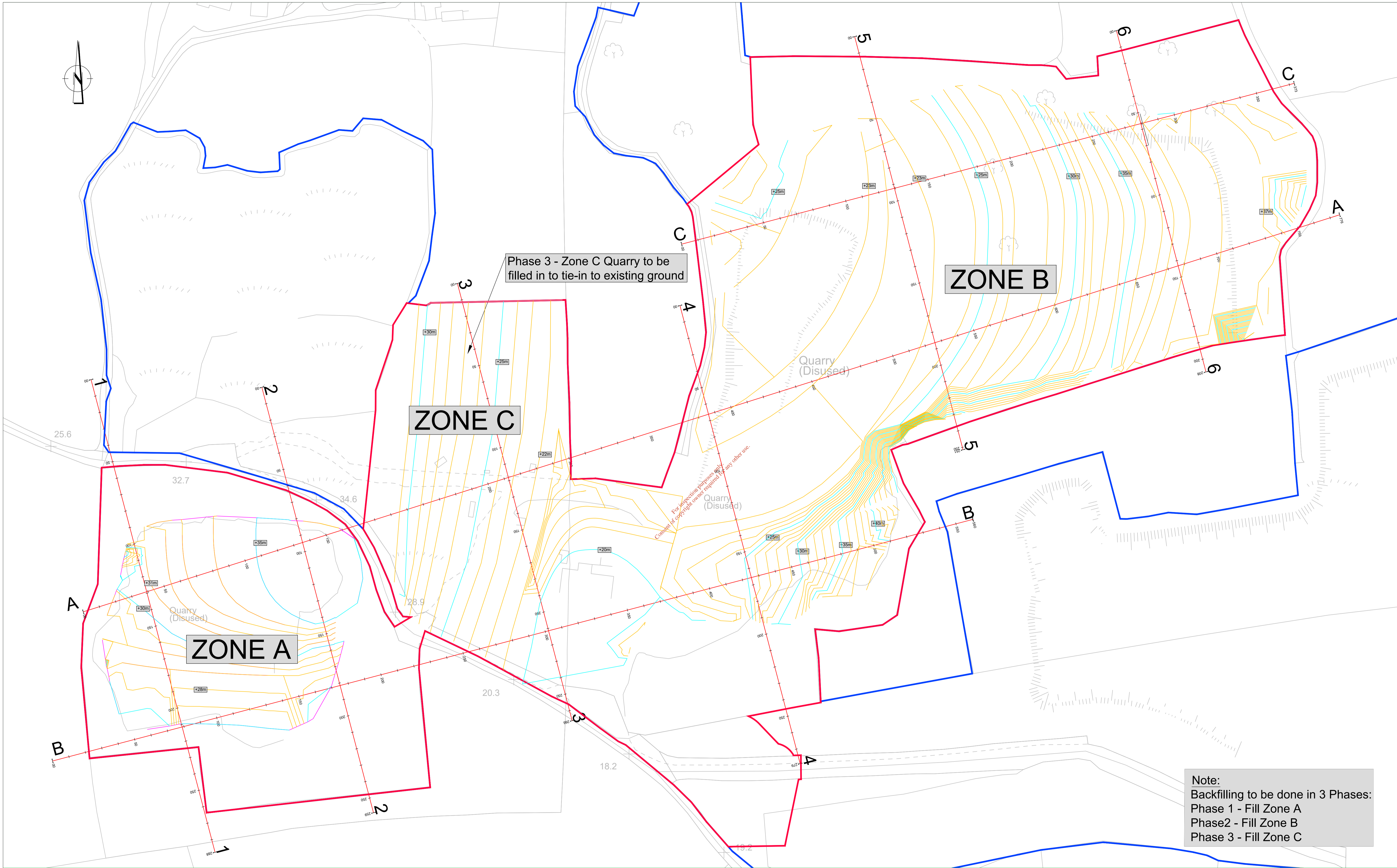
No.	Date	By	Amendment / Issue
P01	14.08.18	M.S.	ISSUE FOR WASTE LICENCE

Client			
Roadstone Limited			
Drawn By	Checked By	Approved By	Date
KT	M.S.	M.L.	Dec. '19

Project		Roadstone Midleton Site	
Drawing Status	Sheet Size	Scale	
Draft	A1	1:1000 @ A1 Half @ A3	

RPS		Innishmore Ballincollig Co. Cork Ireland		T +353 21 4865900 F +353 21 4873742 W www.rpsgroup.com/ireland E ireland@rpsgroup.com	
Drawing Number		CP17028 WL0015		Rev P01	
Title		PHASE 2 - Backfilling Zone B Extracting Zone C to 9m Zone A Filling Complete			

Note: Backfilling to be done in 3 Phases:
 Phase 1 - Fill Zone A
 Phase 2 - Fill Zone B
 Phase 3 - Fill Zone C



Phase 3 - Zone C Quarry to be filled in to tie-in to existing ground

ZONE B

ZONE C

ZONE A

Note:
Backfilling to be done in 3 Phases:
Phase 1 - Fill Zone A
Phase 2 - Fill Zone B
Phase 3 - Fill Zone C

- NOTES**
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LEGEND :-

APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

OSI VECTOR MAPPING TILES :- OS6388-A, OS6388-B

OSI DISCOVERY MAPPING TILE :- OS1806_D

SITE AREA :- 157,237m²

MAPPING CENTER :- 589960 E, 572543 N (ITM)

No.	Date	By	Amendment / Issue
P01	14.08.18	M.S.	ISSUE FOR WASTE LICENCE

Client
Roadstone Limited

Drawn By: KT
Checked By: M.S.
Approved By: M.L.
Date: Dec. '19

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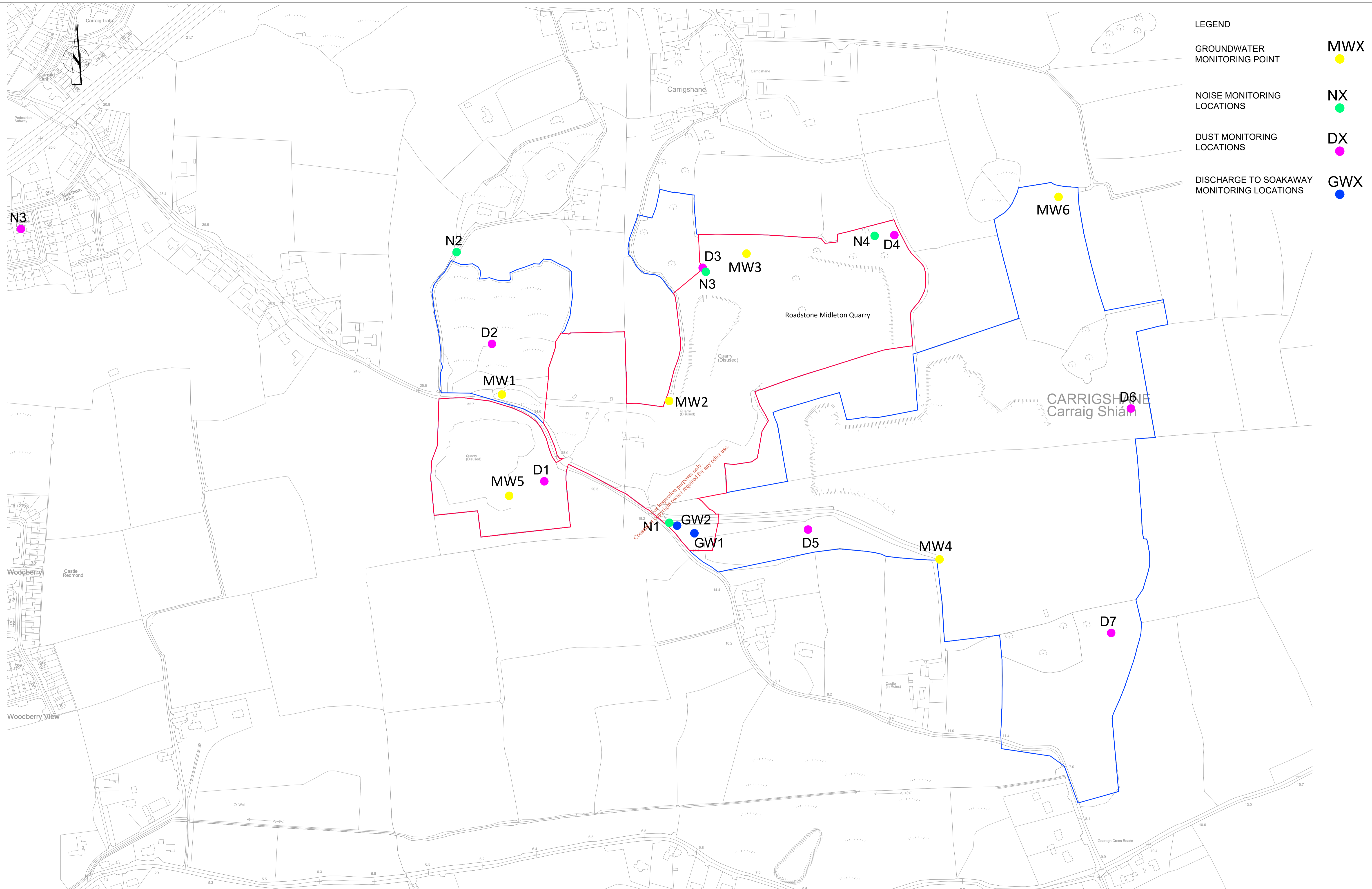
Project: **Roadstone Midleton Site**

Drawing Status: Draft
Sheet Size: A1
Scale: 1:1000 @ A1 Half @ A3

Drawing Number: **CP17028 WL0016**

Rev: **P01**

Title: **PHASE 3 - Backfilling Zone C
Fillings Zones A & B Complete**



LEGEND	
GROUNDWATER MONITORING POINT	MWX ●
NOISE MONITORING LOCATIONS	NX ●
DUST MONITORING LOCATIONS	DX ●
DISCHARGE TO SOAKAWAY MONITORING LOCATIONS	GWX ●

- NOTES**
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APPLICATION SITE AREA (157,237m²)

LANDS IN CONTROL OF LANDOWNERS (465846m²)

OSI VECTOR MAPPING TILES :- OS6388-A, OS6388-B	
OSI DISCOVERY MAPPING TILE :- OS1806_D	
SITE AREA :- 157,237m ²	MAPPING CENTER :- 589960 E, 572543 N (ITM)

No.	Date	By	Amendment / Issue	App
P01	12.12.19	KT	ISSUE FOR WASTE LICENSE	M.L.

Client Roadstone Limited			
Drawn By	Checked By	Approved By	Date
KT	M.S	M.L.	Dec. '19

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Project	Roadstone Midleton Site
Drawing Status	Sheet Size
	A1
Scale	1:2000 @ A1 Half @ A3

Drawing Number	Rev
CP17028WL0017	P01
Title PROPOSED ENVIRONMENTAL MONITORING LOCATIONS	



- Legend**
- Site Boundary
 - Lands in control of landowners
 - Existing vegetation to be retained
 - Proposed hedgerow (Refer Table 1 this sheet)
 - Proposed agricultural grass (Refer to Table 2 this sheet)
 - Proposed amenity grass (Refer to Table 3 this sheet)



NOTE
Final restoration works to be done in 2 Phases.
Phase 1 Restoration: Zone A
Phase 2 Restoration: Zone B and Zone C

Revision	Date	Description	Drawn	Chk'd
C	16.01.19	Phasing note added to drawing	SA	RH
B	16.01.19	Drawing updated to reflect boundary amendments	SA	RH
A	05.12.18	Restoration plan updated	SA	RH

STATUS
For Planning



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PROJECT
Roadstone Midleton Site

TITLE
Proposed Restoration Plan
Phase 1 (Zone A)

SCALE/PAPER SIZE DRAWN BY
1:500 @A1 SA

DATE CHECKED BY
12.11.2018 RH

PROJECT NUMBER DRAWING NUMBER REVISION
NI2021 2021.5.01 C

Table 1: Hedgerow Planting

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	2x Transplanted	2.0 - 2.5m	Bare Root	1.0m centres	45%
<i>Ulex europaeus</i> (Gorse)	Container Grown		60 - 80 cm	7.5Lt Pot	1.0m centres	25%
<i>Prunus spinosa</i> (Blackthorn)	Container Grown		1.75 - 2.0m	12 Lt Pot	1.0m centres	30%

Table 2 - Grass Seed Mixture

Agricultural Grass Seeding	Sowing Rate
Grass for Restoration of Fields (BS Cut and Graze - Long Term, 3 - 5 year Ley Mixture as available from Boston Seeds)	
35% Hybrid Ryegrass	As per manufacturers instructions
28% Intermediate Perennial Ryegrass	
32% Late Perennial Ryegrass	
5% White Clover	

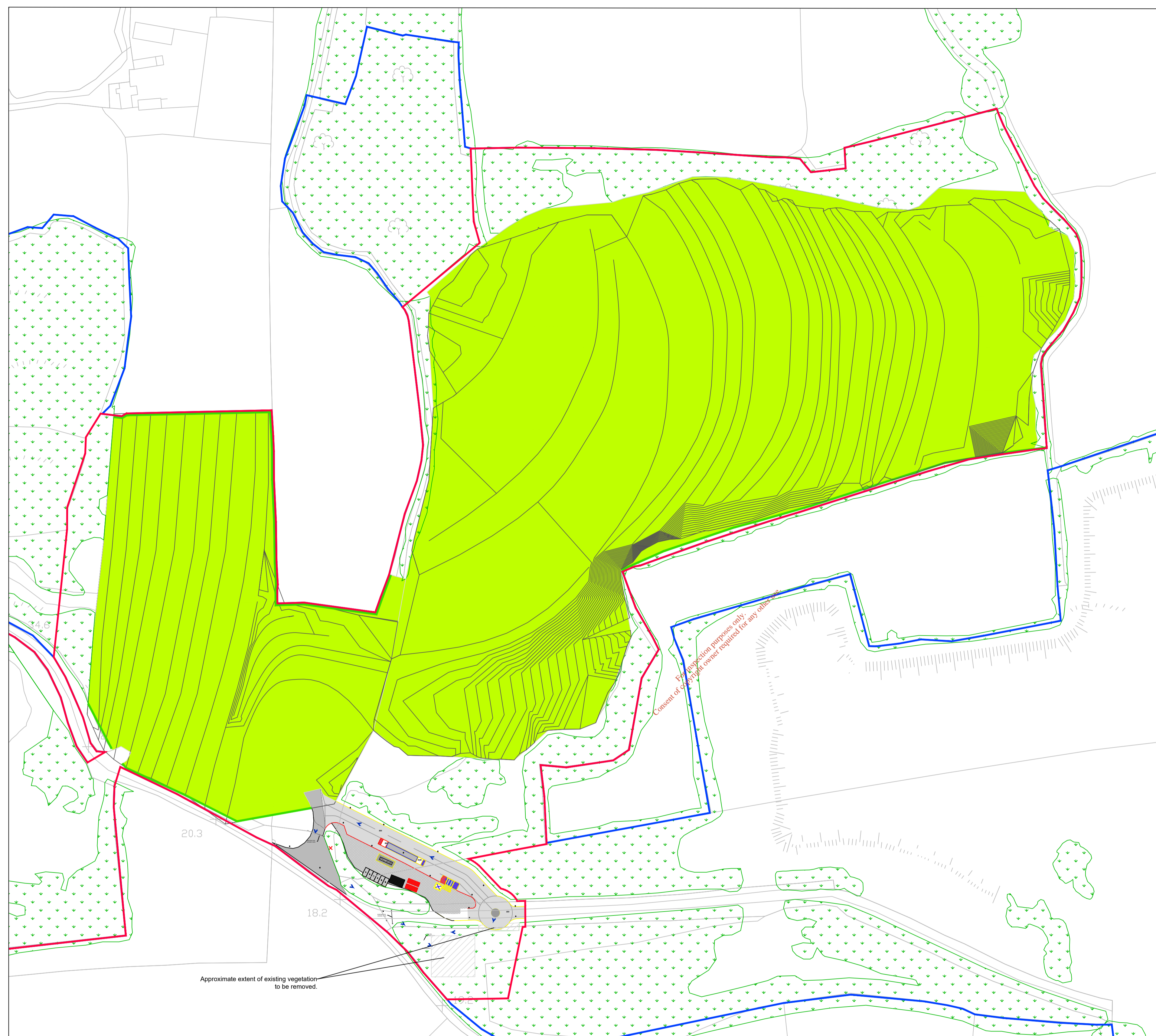
Table 3 - Grass Seed Mixture

Amenity Grass Seeding	Sowing Rate
Grass for general areas (Coburns Irish Premier Low Maintenance Mixture, as supplied by Coburns)	
20% Hard Fescue	As per manufacturers instructions
30% Strong Creeping Red Fescue	
15% Smooth Stalked Meadow Grass	
20% Chewings Fescue	
15% Browntop Bentgrass	



Legend

- Site Boundary
- Lands in control of landowners
- Existing vegetation to be removed
- Existing vegetation to be retained
- Proposed hedgerow (Refer Table 1 this sheet)
- Proposed grass (Refer to Table 2 this sheet)



NOTE
Final restoration works to be done in 2 Phases.
Phase 1 Restoration: Zone A
Phase 2 Restoration: Zone B and Zone C

Revision	Date	Description	Drawn	Chk
C	16.01.19	Phasing note added to drawing	SA	RH
B	16.01.19	Site Boundary lines updated	SA	RH
A	05.12.18	Restoration plan updated	SA	RH

STATUS
For Planning



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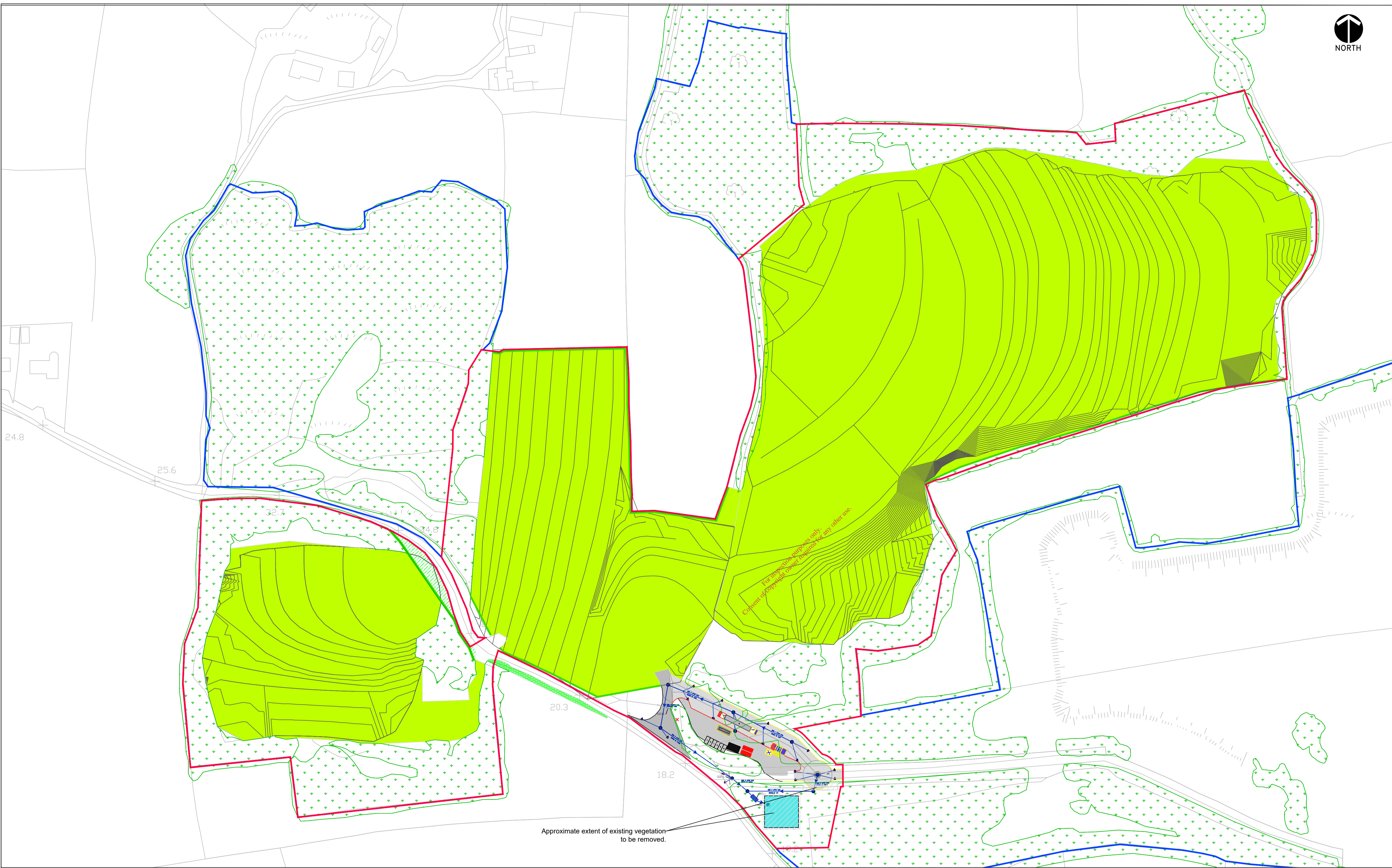
PROJECT	Roadstone Midleton Site		
TITLE	Proposed Restoration Plan Phase 2 (Zone B and Zone C) Wheelwash Facility Retained		
SCALE/PAPER SIZE	1:1000 @A1	DRAWN BY	SA
DATE	12.11.2018	CHECKED BY	RH
PROJECT NUMBER	NI2021	DRAWING NUMBER	2021.5.02
REVISION			C

Table 1: Hedgerow Planting

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	2x Transplanted	2.0 - 2.5m	Bare Root	1.0m centres	45%
<i>Ulex europaeus</i> (Gorse)	Container Grown		60 - 80 cm	7.5Lt Pot	1.0m centres	25%
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Table 2 - Grass Seed Mixture

Agricultural Grass Seeding	Sowing Rate
Grass for Restoration of Fields (BS Cut and Graze - Long Term, 3 - 5 year Ley Mixture as available from Boston Seeds)	
35% Hybrid Ryegrass	As per manufacturers instructions
28% Intermediate Perennial Ryegrass	
32% Late Perennial Ryegrass	
5% White Clover	



Legend

- Site Boundary
- Lands in control of landowners
- Existing vegetation to be retained
- Existing vegetation to be removed
- Proposed hedgerow (Refer Table 1 this sheet)
- Proposed agricultural grass (Refer to Table 2 this sheet)
- Proposed amenity grass (Refer to Table 3 this sheet)

NOTE
Final restoration works to be done in 2 Phases.
Phase 1 Restoration: Zone A
Phase 2 Restoration: Zone B and Zone C

Revision	Date	Description	Drawn	Chk'd
C	16.01.19	Phasing note added to drawing	SA	RH
B	16.01.19	Site Boundary lines updated	SA	RH
A	05.12.18	Restoration plan updated	SA	RH

STATUS
For Planning

Table 1: Hedgerow Planting

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	2x Transplanted	2.0 - 2.5m	Bare Root	1.0m centres	45%
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Table 2 - Grass Seed Mixture

Agricultural Grass Seeding	Sowing Rate
Grass for Restoration of Fields (BS Cut and Graze - Long Term, 3 - 5 year Ley Mixture as available from Boston Seeds)	
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Table 3 - Grass Seed Mixture

Amenity Grass Seeding	Sowing Rate
Grass for general areas (Coburns Irish Premier Low Maintenance Mixture, as supplied by Coburns)	
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20% Chewings Fescue	
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PROJECT
Roadstone Midleton Site

TITLE
Proposed Restoration Plan
Overall - Completed Phase 1 and Phase 2
Wheelwash Facility Retained

SCALE/PAPER SIZE
1:1000 @A1

DATE
12.11.2018

PROJECT NUMBER
NI2021

DRAWN BY
SA

CHECKED BY
RH

DRAWING NUMBER
2021.5.03

REVISION
C



Legend

- Site Boundary
- Lands in control of landowners
- Existing vegetation to be retained
- Proposed Scrub Planting (Refer Table 4 this sheet)
- Proposed hedgerow (Refer Table 1 this sheet)
- Proposed grass (Refer to Table 2 this sheet)



NOTE
Final restoration works to be done in 2 Phases.

Phase 1 Restoration: Zone A
Phase 2 Restoration: Zone B and Zone C

Revision	Date	Description	Drawn	Check
C	16.01.19	Phasing note added to drawing	SA	RH
B	16.01.19	Site Boundary lines updated	SA	RH
A	05.12.18	Restoration plan updated	SA	RH

STATUS
For Planning



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PROJECT
Roadstone Midleton Site

TITLE
Proposed Restoration Plan
Phase 2 (Zone B and Zone C)
Wheelwash Facility Removed

SCALE/PAPER SIZE DRAWN BY
1:1000 @A1 SA

DATE CHECKED BY
12.11.2018 RH

PROJECT NUMBER DRAWING NUMBER REVISION
NI2021 2021.5.04 C

RPS

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	2x Transplanted	2.0 - 2.5m	Bare Root	1.0m centres	45%
<i>Ulex europaeus</i> (Gorse)	Container Grown		60 - 80 cm	7.5Lt Pot	1.0m centres	25%
<i>Prunus spinosa</i> (Blackthorn)	Container Grown		1.75 - 2.0m	12 Lt Pot	1.0m centres	30%

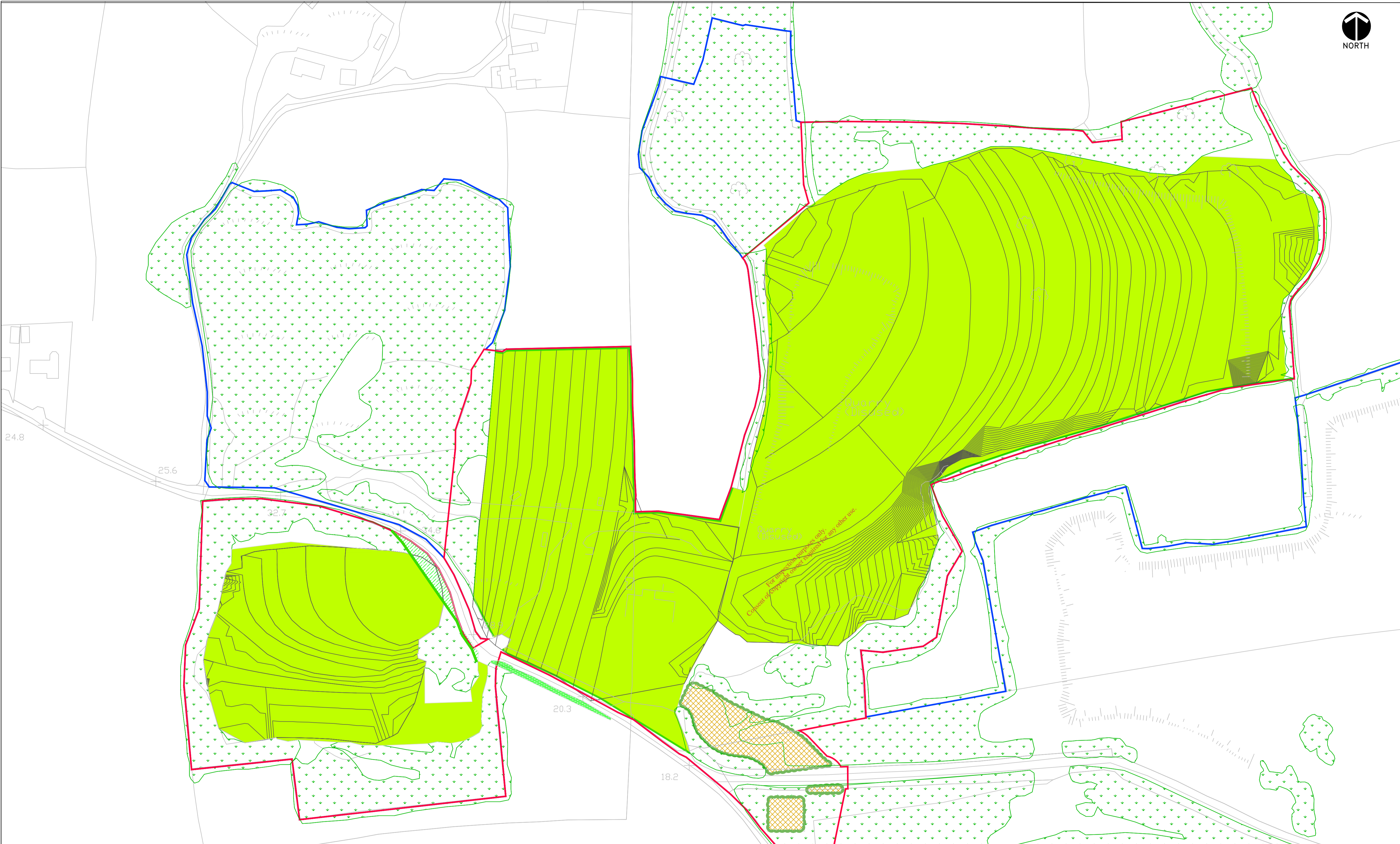
Agricultural Grass Seeding	Sowing Rate
Grass for Restoration of Fields (BS Cut and Graze - Long Term, 3 - 5 year Ley Mixture as available from Boston Seeds)	
35% Hybrid Ryegrass	As per manufacturers instructions
28% Intermediate Perennial Ryegrass	
32% Late Perennial Ryegrass	
5% White Clover	

Common Name	Botanical Name	Height (cms) (min)	Root condition	Form/ Habit	Age	Spacing	% Mix
Hawthorn	<i>Crataegus mongyina</i>	60 - 80	Bare Root	Transplant, seed raised	1 + 1	1.0m	40%
Blackthorn	<i>Prunus spinosa</i>	60 - 80	Bare Root	Branched, 2 breaks minimum	1 + 1	1.0m	20%
Bramble	<i>Rubus fruticosus</i>	40 - 60	Bare Root	Transplant; seed raised	1 + 0	1.5m	10%
Elder	<i>Sambucus nigra</i>	40 - 60	Bare Root	Transplant; seed raised	1 + 0	1.5m	15%
Dog Rose	<i>Rosa canina</i>	60 - 80	Bare Root	Transplant; seed raised	1 + 1	1.5m	15%



Legend

- Site Boundary
- Lands in control of landowners
- Existing vegetation to be retained
- Proposed Scrub Planting (Refer Table 4 this sheet)
- Proposed hedgerow (Refer Table 1 this sheet)
- Proposed grass (Refer to Table 2 this sheet)
- Proposed amenity grass (Refer to Table 3 this sheet)



NOTE
Final restoration works to be done in 2 Phases.
Phase 1 Restoration: Zone A
Phase 2 Restoration: Zone B and Zone C

C	16.01.19	Phasing note added to drawing	SA	RH
B	16.01.19	Site Boundary lines updated	SA	RH
A	05.12.18	Restoration plan updated	SA	RH
Revision	Date	Description	Drawn	Chk'd

STATUS
For Planning

Table 1: Hedgerow Planting

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	2x Transplanted	2.0 - 2.5m	Bare Root	1.0m centres	45%
<i>Ulex europaeus</i> (Gorse)	Container Grown		60 - 80 cm	7.5Lt Pot	1.0m centres	25%
<i>Prunus spinosa</i> (Blackthorn)	Container Grown		1.75 - 2.0m	12 Lt Pot	1.0m centres	30%

Table 2 - Grass Seed Mixture

Agricultural Grass Seeding	Sowing Rate
Grass for Restoration of Fields (BS Cut and Graze - Long Term, 3 - 5 year Ley Mixture as available from Boston Seeds)	
35% Hybrid Ryegrass	As per manufacturers instructions
28% Intermediate Perennial Ryegrass	
32% Late Perennial Ryegrass	
5% White Clover	

Table 3 - Grass Seed Mixture

Amenity Grass Seeding	Sowing Rate
Grass for general areas (Coburns Irish Premier Low Maintenance Mixture, as supplied by Coburns)	
20% Hard Fescue	As per manufacturers instructions
30% Strong Creeping Red Fescue	
15% Smooth Stalked Meadow Grass	
20% Chewsings Fescue	
15% Browntop Bentgrass	

Table 4 - Scrub Planting

Common Name	Botanical Name	Height (cms) (min)	Root condition	Form/Habit	Age	Spacing	% Mix
Hawthorn	<i>Crataegus mongyna</i>	60 - 80	Bare Root	Transplant, seed raised	1 + 1	1.0m	40%
Blackthorn	<i>Prunus spinosa</i>	60 - 80	Bare Root	Branched, 2 breaks minimum	1 + 1	1.0m	20%
Bramble	<i>Rubus fruticosus</i>	40 - 60	Bare Root	Transplant; seed raised	1 + 0	1.5m	10%
Elder	<i>Sambucus nigra</i>	40 - 60	Bare Root	Transplant; seed raised	1 + 0	1.5m	15%
Dog Rose	<i>Rosa canina</i>	60 - 80	Bare Root	Transplant; seed raised	1 + 1	1.5m	15%

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ALL DIMENSIONS TO BE CHECKED ON SITE. DISCREPANCIES, AMBIGUITIES AND/OR OMISSIONS BETWEEN THIS DRAWING AND INFORMATION GIVEN ELSEWHERE MUST BE REPORTED IMMEDIATELY TO THIS OFFICE FOR CLARIFICATION BEFORE PROCEEDING.

PROJECT
Roadstone Midleton Site

TITLE
Proposed Restoration Plan
Overall - Completed Phase 1 and Phase 2
Wheelwash Facility Removed

SCALE/PAPER SIZE DRAWN BY
1:1000 @A1 SA

DATE CHECKED BY
12.11.2018 RH

PROJECT NUMBER DRAWING NUMBER REVISION
N12021 2021.5.05 C

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