

Land Use, Economic and Transport Planning Department,
County Hall,
Town Centre
Tallaght,
Dublin 24.

Dated: 24th May 2022

Reference: Written agreement of conditions as requested in Grant Permission SD21A/0171

Dear Sir/Madam,

Please find a below written agreement of six conditions as requested in Grant Permission SD21A/0171 issued on 28th February 2022 and in Final Grant issued on 17th May by South Dublin County Council.

This document has been prepared by Rowan Engineering Consultants Ltd. (Rowan) on behalf of Coffey Construction Ltd. It provides confirmation to each of the conditions outlined in the Grant of Permission issued by SDDC. For the reader's convenience, the SDCC text for each of the Conditions has been included ahead of each response in *italics* with Rowans Response in dark blue colour font.

It should be noted that multiple requests for engagement on the conditions with SDCC was attempted by Rowan Engineering during the period between issue of grant permission and final grant however little to no communication was received from SDCC.

Response to Request for Further Information

Condition 15

15. Construction Traffic Management Plan.

(a) Prior to commencement of works, the applicant shall obtain the written agreement of the Planning Authority (following consultation with the Roads Department as necessary), to a revised Construction Traffic Management Plan. The revised plan shall include provision for the relevant points in part (b).

(b) The following traffic management measures shall be undertaken on-site:

(i) Traffic Management measures shall be implemented for the full duration of the haulage in line with the DOT Chapter 8 of the Traffic Signs Manual, relating to Temporary Traffic Measures and Signs for Roadworks. Due to the close proximity to the Slae Road junction, measures will require that the Traffic Management is non-automated, and that Traffic Management operatives supervise the Traffic Management at all times.

(ii) Road congestion is to be monitored during the works. If excessive congestion is observed, the planning authority reserves the right to reduce the number of truck trips per day.

Forensic & Environmental Engineering

Head Office: Unit 14 Scurlockstown Business Park, Trim, Co. Meath, C15 H008, Ireland.

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Galway Office: Unit 17, N17 Business Park, Tuam, Co Galway, H54 X578, Ireland.

(iii) A road sweeper must be on site at all times to ensure the road surface remains clean, and that there is no build-up of material in the road's surface course at any point along the road.

A record of daily checks that the works are being undertaken in accordance with the site specific Construction Traffic Management Plan shall be kept for inspection by the Planning Authority.

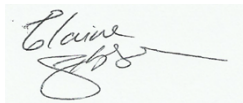
Storage of construction materials is not permitted on any public road or footpath, unless agreed in writing with the Planning Authority, having regard to the prior reasonable justification and circumstances of any such storage.

REASON: In the interests of residential amenity, public safety, compliance with Development Plan policy and the proper planning and sustainable development of the area.

The Construction Traffic Management Plan submitted as part of the planning application aligns with DOT Chapter 8 of the Traffic Signs Manual, relating to Temporary Traffic Measures and Signs for Roadworks and the above requirements and is reattached in **Appendix C** for reference. Traffic Management will be non-automated, and Traffic Management operatives shall supervise the Traffic Management at all times. Road congestion will be monitored during the works and a record of daily checks that the works are being undertaken in accordance with the site specific Construction Traffic Management Plan will be kept for inspection by the Planning Authority.

Should you have any queries please don't hesitate to contact, me.

Best Regards,

A handwritten signature in black ink on a light green rectangular background. The signature appears to read 'Elaine Gibson' with a stylized flourish at the end.

Elaine Gibson

Environment Manager

Rowan Engineering Consultants Ltd.

Head Office: Unit 14, Scurlockstown Business Park, Trim, Co. Meath, C15 H008.

Mob: 0857620906

Email: Elaine.Gibson@rec.ie

Appendices Register

Appendix Number	Description
Appendix C	(i) Risk Assessment Method Statement, (ii) Construction Traffic Management Plan, (iii) Construction Environment Management Plan, (iv) Construction & Demolition Waste Demolition Plan.

Appendix C:

(ii) Construction Traffic Management Plan



Construction Stage Traffic Management Plan

Saggart Reservoir Contract

Project Reference J1387

NOTE: The plan is a working document that evolves during the course of the works. As such, it may be amended so as to incorporate any changes in design or work procedures and the various appendices will be supplemented with relevant information as the contract progresses. This plan will be maintained in the main site office where it may be inspected at any time.

Rev	Originator	Approver	Date	Description
00	Pearse Scanlon	Tony Croke	25-05-2021	Rev 00
01	Pearse Scanlon	Tony Croke	09-06-2021	Rev 01
02	Ulick Hannon	Tony Croke	28/01/2022	Rev 02

1.0 PURPOSE

The purpose of this Construction Stage Traffic Management Plan is to detail the Measure Coffey will take to comply with Planning Condition 6 of the Final Planning Decision Ref SD18A/0180.

The measures required relate to Construction Traffic arising from the site and shall be managed in accordance with the plan and with the requirements of SDCC Traffic Section.

Coffey will submit a site-specific Construction Traffic Management Plan to SDCC Traffic Section for written approval.

Coffey commit to carry out the development in accordance with this Traffic Management Plan.

2.0 SUMMARY

Please refer to Appendix A – Saggart – Site Layout – Rev 11.

Appendix A shows the proposed site layout and details measures to be taken to adhere to the requirements of the planning condition.

Please refer to Appendix B – Saggart – Site Fencing Layout

Please refer to Appendix C – J – Traffic Management Plans.

Appendix C to Appendix F details the proposed traffic routes to be taken for site construction traffic for access / egress to the site. The TM drawings detail the routes from both the Castle Road Entrance and the Pairc Mhuire entrance to the N7 and the N81.

Appendix G details the traffic route to be taken for material disposal to the adjacent Tertrach site.

Appendix H details the route to be taken for disposal of material off site only.

3.0 WHEELWASH FACILITIES

A wheel wash will be set up at the Castle Road site entrance. As shown in the Site Layout Drawing.

All trucks leaving site will utilise the wheel wash.



Fig 1 – Wheel being set up on site.



4.0 DUST SUPPRESSION AND NOISE MONITORING

Dust Suppression

As the works will be undertaken in close proximity to a residential area (Saggart Village), all necessary precautions to contain dust arising from excavations and construction works will be taken so as to prevent a nuisance being caused to occupiers of buildings and properties in the vicinity of the works.

During construction best practicable means will be employed to minimise airblown dust being emitted from the site. This will include covering skips and slack heaps, daily washing down of haul routes and the use of wheel washing facilities.

CCIL will sample and test dust levels in accordance with best practice. We will establish at least eight key monitoring points on the site. A report on dust sampling and testing results will be provided to Employer's Representative monthly.

A road sweeper will be on site full time. The road sweeper will be utilized to spray the haul roads to suppress dust and clean the roads at the site entrances.

In periods of extended dry weather additional dust suppression measures may be required. In this event a water bowser will be utilized to on site to suppress the dust.

CCIL will set up noise monitoring stations and record the noise levels throughout construction.

For the period during construction, CCIL will ensure that the impact of noise due to construction activities is minimized through the use of good site management, plant maintenance and communications with adjoining property owners.

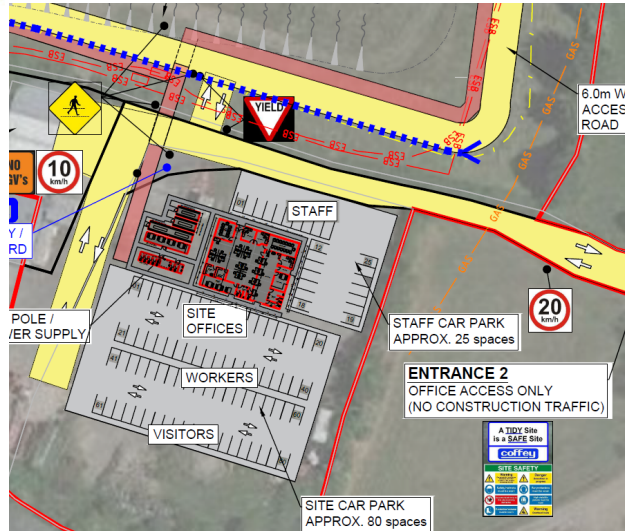
We will engage in local consultation in respect of any noise sensitive location within 30m of the site prior to construction activities commencing.

Sensitive locations will be provided with the following information in advance:

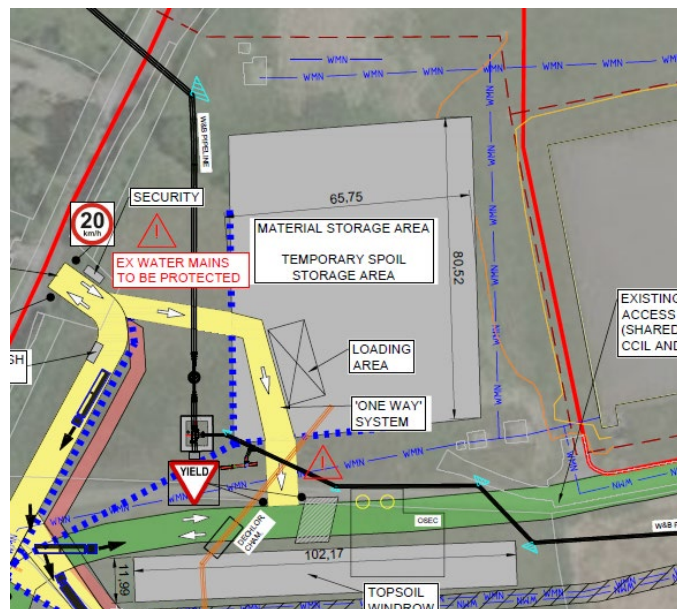
- Schedule of works to include time periods and duration.
- Name and contact details of person nominated to manage noise complaints.
- Hours of operation including any scheduled times for the use of equipment likely to be a source of significant noise.

5.0 SITE WELFARE / PARKING, SITE SET UP

- Site parking facilities will be provided in the Site Compound. This is detailed in Appendix A



- The location of stockpiles, material storage, site welfare is shown in Appendix A.



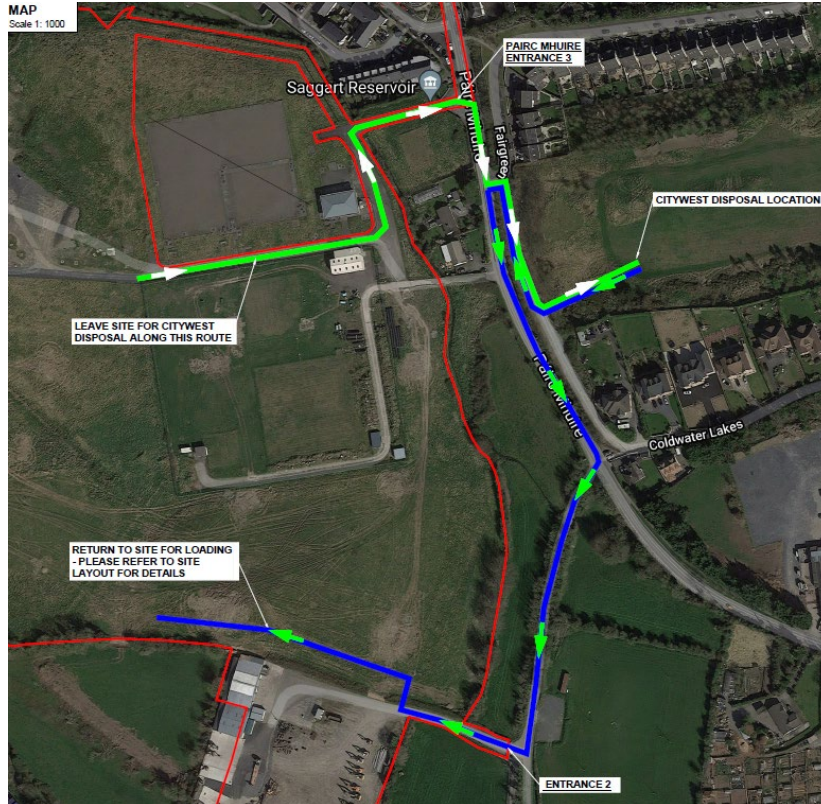
- Details of security fencing is shown in Appendix B.

6.0 USE AND CONTROL OF SPOIL

The material on site has been analyzed in several locations and is considered inert as per Waste Acceptance Criteria.

In summary the arisings from excavations will be as follows: -

- Total excavation will be c. 150,000m³.
- c.100,000m³ of material will be exported from site to a licensed facility.
- c.50,000m³ will be stored on site in stockpiles in the temporary spoil storage area. Standard stockpile management process will be used for the use and maintenance of the stockpiles.



Hurley's Field

Coffey's are currently preparing a Planning Application for submission to SDCC for the temporary storage and permanent disposal of arisings in the adjacent field. The location of the field is shown in Appendix J. The current proposed volume of material which can be deposited in the field is c. 24,000m³. This would reduce the number of truck movements through Saggart Village by 3000Nr truck movements.





Traffic Management will be non-automated, and that Traffic Management operatives shall supervise the Traffic Management at all times. Road congestion will be monitored during the works and a record of daily checks that the works are being undertaken in accordance with the site specific Construction Traffic Management Plan will be kept for inspection by the Planning Authority.

7.0 TRAFFIC ROUTES / QUEING TRAFFIC

The proposed Traffic Management routes for materials delivered to site and export of arisings off site are detailed in Appendix C to Appendix I. The main construction access will be on Castle Road with traffic routes to the N81 and the N7. A second alternative access using the existing gate on Pairc Mhuire is also detailed.

The traffic routes will be advised to the material suppliers and included within our purchase order with them. We will also advise the suppliers to avoid deliveries during peak times to minimize congestion.

The main bulk off material on / off site is the disposal of the excavated material, which requires the disposal of c.100,000m³ of material off site or 11,764 Nr truck movements. As above 25,000m³ will be going to the adjacent Tetrarch site, 24,000m³ to Hurley's field, 34,000m³ to Hinch's field and the remaining balance going to licensed facilities further afield. It is expected that most of this traffic will access and exit using the N7.

Appendix H shows the proposed route which would effectively be a 1-way system in and out of the site. Trucks accessing the site from the N7 would use the Rathcoole junction and travel up Mill Road onto Pairc Mhuire, going straight through the junction in the village. Traffic exiting the site will turn right onto Castle road and down Garter Lane to the N7 junction at Citywest.

This splits the traffic numbers equally at two separate junctions and avoids any turns at the junction in the village.

It also avoids the passing of any trucks on the road network and greatly reduces congestion and the also avoids trucks meeting at the site entrance or the junction in the village. This is a very important safety control.

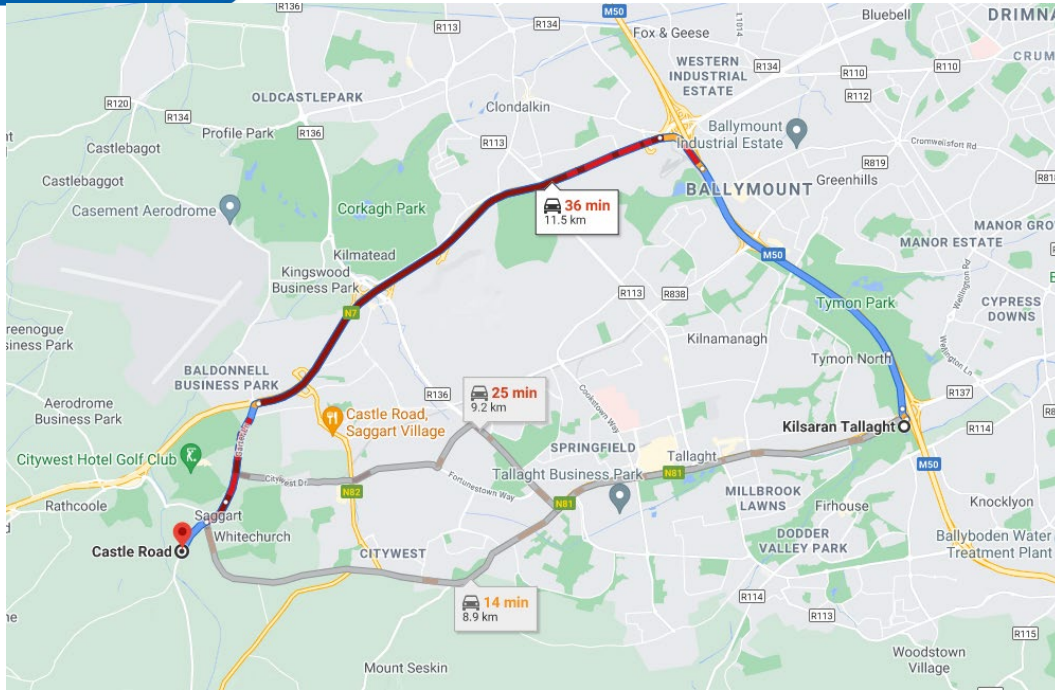
When arisings are being taken from site the trucks will be loaded to provide a 10-minute gap between each truck as they leave site. The gate man will monitor this.



8.0 DELIVERIES

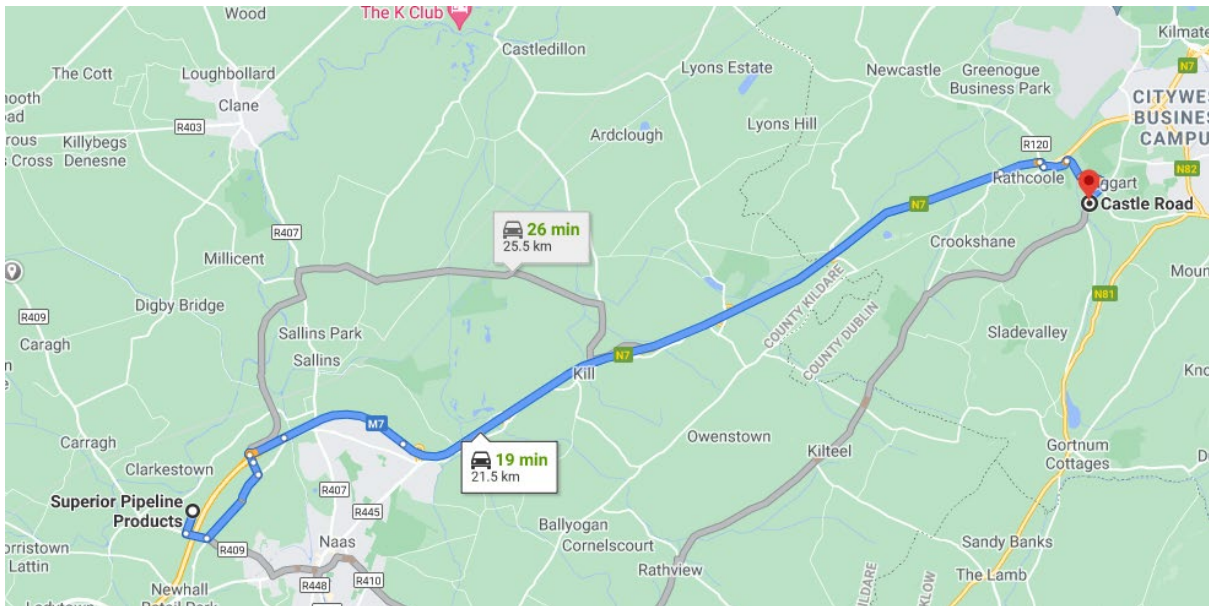
Concrete Deliveries

- 26,000m³ of concrete to be delivered = 3058 truck movements
- The concrete will be delivered from Tallaght Batching plant
- 20Nr Reservoir Base pours @ 650m³ each = 80Nr trucks per day for each base slab pour
- This will require an early start with first delivery at 6am.



Pipelines Deliveries

- Pipeline materials are being delivered from our supplier SPP in Naas.
- Phase 1 Delivery June'21 – 25Nr truck movements over 1 week period
- Phase 2 Delivery Mar'21 to Seb '22 – 100Nr truck movements



9.0 COMMUNICATIONS

All issues (such as monitoring, complaints, or incidents) specific to the project will be recorded and communicated to Irish Water. All communication records will be documented in the Environmental File and recorded in the CCIL Site Correspondence Log on the server for receiving, documenting, and responding to communications (internal and external) from relevant interested parties concerning the sites, project and contract environmental effects and management.



Appendix A – - Saggart - Site Layout - REV 7

Appendix B - Saggart - Site Fencing - REV3

Appendix C - J1387-TM-002 - N7 - Castle Rd rev2

Appendix D - J1387-TM-003 - N7 - Pairc Mhuire rev2

Appendix E - J1387-TM-004 - N81 - Castle Rd rev2

Appendix F - J1387-TM-005 - N81 - Pairc Mhuire rev2

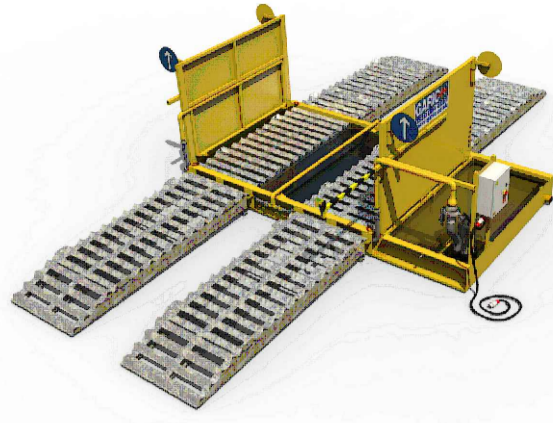
Appendix G - J1387-TM-007 - Citywest Material Disposal

Appendix H - J1387-TM-008 - N7 Material Disposal

Appendix I - J1387-TM-006 - Saggart CTM Site Entrances

Appendix J – J1387- TM – 010 – P. Hurley

DETAIL 1 - VEHICLE CLEANSING



- Automated wheel wash station will be located adjacent to main site entrance
- Maintenance at regular basis (visual inspection every week, records of inspections kept in site office)
- In case of changes required to site layout, wheel wash station will be relocated to alternative site entrance
- All water from the unit will be desilted via settlement pond prior to discharge

DETAIL 2 - DUST SUPPRESSION & ROAD SWEEPER



- Road sweeper available on site when required
- Road sweeper will be used to provide dust suppression during extended dry weather periods
- Dust monitoring station (8no.) to monitor effectiveness
- Road sweeper will be used to clean out gullies within 200m of site entrances.

DETAIL 3 - SECURITY FENCING



- Panels 3.45m wide x 2m tall
- All panels double clipped
- Panels set up as triangle shape every 4 panels to ensure stability
- Regular inspections of the fencing every week
- HERAS Panel fencing erected where there is no existing fence
- Signage will be installed as identified and required by CCIL.

DETAIL 4 - GATES



- Automated Gate will be erected at ENTRANCE 2 to Site Compound
- Access gates at ENTRANCE 2 & 3 will be manually operated.
- Please refer to plan for location.

DETAIL 5 - SILT FENCING



- Silt fencing will be erected where there is a risk of water runoff from site to adjacent watercourses.
- Please refer to plan for location.
- Where higher effectiveness of the silt fence is required, 2no. lines of the fence will be erected. Bales of straw will be used to help with filtration.

SITE LAYOUT

Scale 1:1000 (A1)



CF-QA-154(12)

NOTES:

- ALL DIMENSIONS ARE IN METRES (mm) UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES AND RELATE TO THE ORDINANCE SURVEY DATUM MALIN HEAD (m) UNLESS NOTED OTHERWISE.
- ENSURE THIS DRAWING IS THE RELEVANT REVISION AND READ IN CONJUNCTION WITH ALL RELEVANT DOCUMENTS.
- TO BE VIEWED ON A1 PAPER SIZE.

KEY / SYMBOLS:

- SITE BOUNDARY / FENCE
- SURFACE WATER DRAIN
- FILTER DRAIN
- SILT FENCE
- ESB
- GAS
- 70bar GAS MAIN
- SITE ACCESS RD
- PEDESTRIAN ACCESS
- EXISTING SITE ACCESS RD
- FILL AREA

NOTES:

- All excavated spoil material to be stored at designated locations only (see layout - banded area) and sealed. Minimum distance from the site boundary to be kept. For Waste Management please refer to Waste Management File.
- All site gates to be set back min 6m from edge of carriageway to avoid queuing construction traffic on public roads.
- ESB underground cable and high pressure gas main to be marked and protected if required.
- TMP to be read in conjunction with the CCIL Waste Management Plan and Construction Environmental Plan

SITE TEAM CONTACT DETAILS:

Anthony Croke - Contracts Manager
Phone: +353 86 387 4495
Email: acroke@coffeygroup.com

Pearse Scanlon - Project Manager
Phone: +353 86 8509045
Email: pscanlon@coffeygroup.com

REV.	DESCRIPTION	DATE	BY	CHECK
11	ACCESS RD UPDATE	06/12/21	PW	AC
10	ACCESS TO L HINGH	14/10/21	PW	AC
09	DRAINAGE & RD LAYOUT	17/06/21	PW	AC
08	MINOR AMENDMENTS 3	25/05/21	PW	AC
07	CON. SLAB, SET. POND	09/05/21	PW	AC
06	PROP. STRUCTURES ADD.	24/04/21	PW	AC
05	SITE OFFICE CHANGED	21/04/21	PW	AC
04	MINOR AMENDMENTS 2	26/03/21	PW	AC
01	FOR INFORMATION	12/02/21	PW	AC

APPROVED BY:	SIGNED:	DATE:
AC		06/12/21
CHECKED BY:	SIGNED:	DATE:
PS		06/12/21
DRAWN BY:	SIGNED:	DATE:
PW		06/12/21

CONFIDENTIALITY NOTE

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CLIENT:

IRISH WATER COLVIL HOUSE, 24-26 TALBOT STREET, MOUNTJOY, DUBLIN 1. D01 NP86

CLIENTS REPRESENTATIVE:

CONTRACTOR:

Athlery, Co. Galway
Tel: 091-844356
Fax: 091-844619
Web: www.coffeygroup.com

PROJECT: SAGGART RESERVOIR DESIGN AND BUILT CONTRACT

PROJECT NO.: J1387

TITLE: SITE LAYOUT GENERAL ARRANGEMENT

STATUS: FOR INFORMATION

DRAWING NO.: J1387-CCL-10-SL-DR-001

REVISION: 11

FENCE TYPE 1 - SECURITY FENCING



- Panels 3.45m wide x 2m tall
- All panels double clipped
- Panels set up as triangle shape every 4 panels to ensure stability
- HERAS Panel fencing erected where there is no existing fence

FENCE TYPE 1
TOTAL LENGTH: 890.0 m

FENCE TYPE 2 - POST & WIRE



- Post & Wire fence erected where there is no existing fence. Please refer to Plan.

FENCE TYPE 2
TOTAL LENGTH: n/a

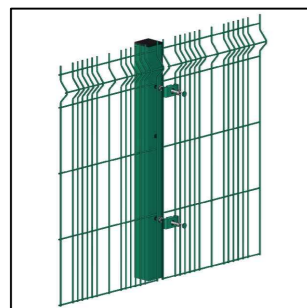
FENCE TYPE 3 - SILT FENCING



- Silt fencing will be erected where there is a risk of water runoff from site to adjacent watercourses.
- Please refer to plan for location.
- Where higher effectiveness of the silt fence is required, 2no. lines of the fence will be erected. Bales of straw will be used to help with filtration.

FENCE TYPE 3 - SILT FENCE
TOTAL LENGTH: 595.0 m

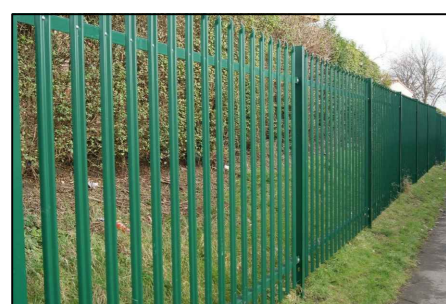
FENCE TYPE 4 - PALLADINE FENCING



- Please refer to plan for location.
- **FENCE TYPE 4 - EXISTING**
- **FENCE TYPE 4 - PROPOSED**

TOTAL LENGTH: 147.0m (for site compound)

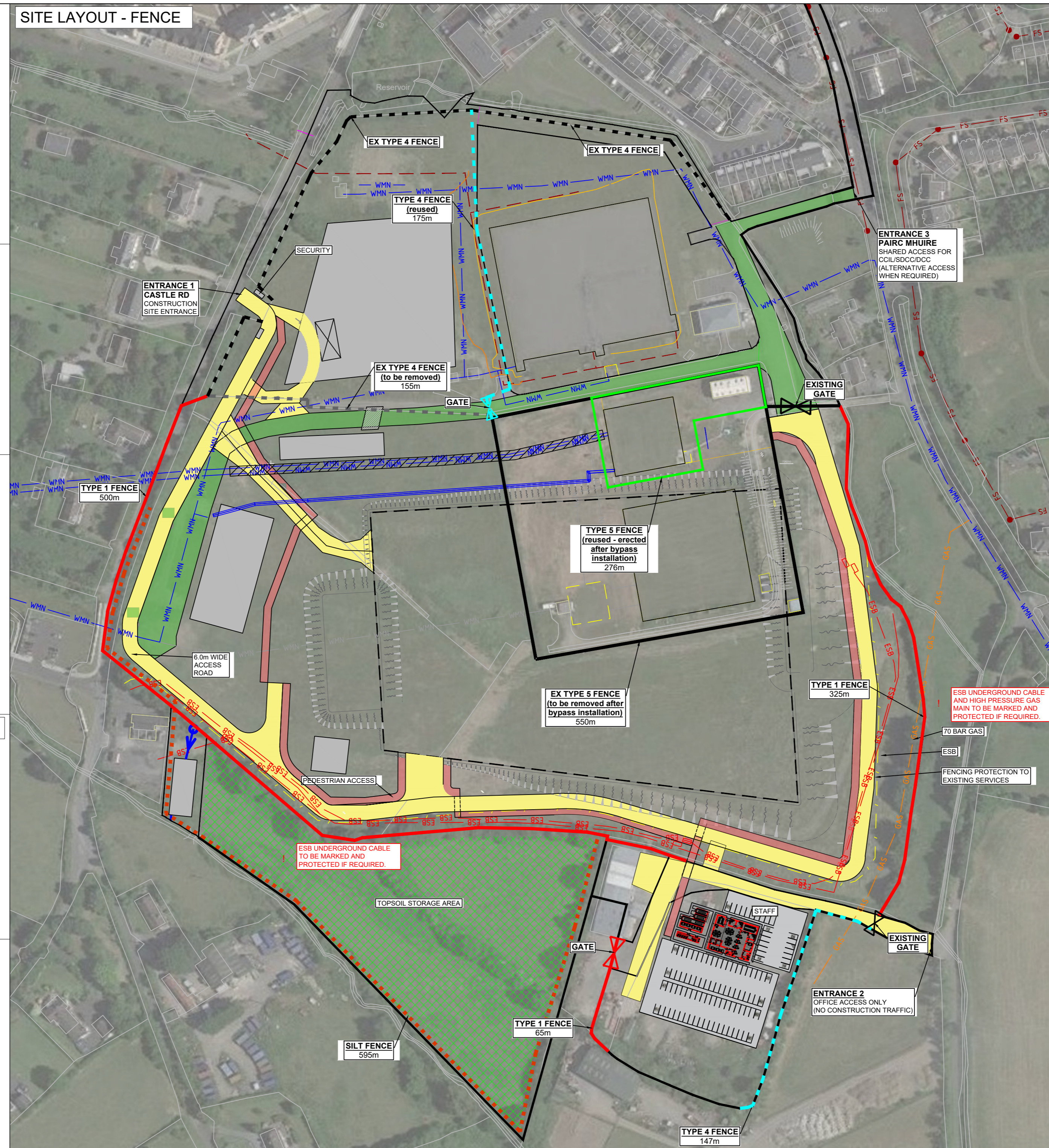
FENCE TYPE 5 - PALISADE FENCING



- Please refer to plan for location.
- **FENCE TYPE 5 - EXISTING**
- **FENCE TYPE 5 - PROPOSED**

TOTAL LENGTH: n/a all reused

SITE LAYOUT - FENCE



All dimensions in meters.
SCALE 1:1500 @A2

- KEY / SYMBOLS:**
- ESB
 - GAS
 - 70bar GAS MAIN
 - SITE ACCESS RD
 - PEDESTRIAN ACCESS
 - EXISTING SITE ACCESS RD
 - MATERIAL STORAGE AREA

EX FENCING:

- SITE BOUNDARY / EX FENCE

- PROPOSED FENCING:**
- FENCE TYPE 1
 - FENCE TYPE 2
 - FENCE TYPE 3 - SILT FENCE
 - FENCE TYPE 4 - EXISTING
 - FENCE TYPE 4 - PROPOSED
 - FENCE TYPE 5 - EXISTING
 - FENCE TYPE 5 - PROPOSED

NOTES:
1. All dimensions in meters [m].

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REV	DATE	DESCRIPTION	DRAW	CHK2	CHK2	APPR
03	26/04/21	MINOR CHANGES	PW	PS	-	AC
02	24/04/21	DETAILS ADDED	PW	PS	-	AC
01	19/04/21	FOR INFOMATION	PW	PS	-	AC

REVISIONS

Coffey Construction
Coffey Construction (I) Ltd.
Moanbaun, Athenry,
Co. Galway,
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H65 Y078

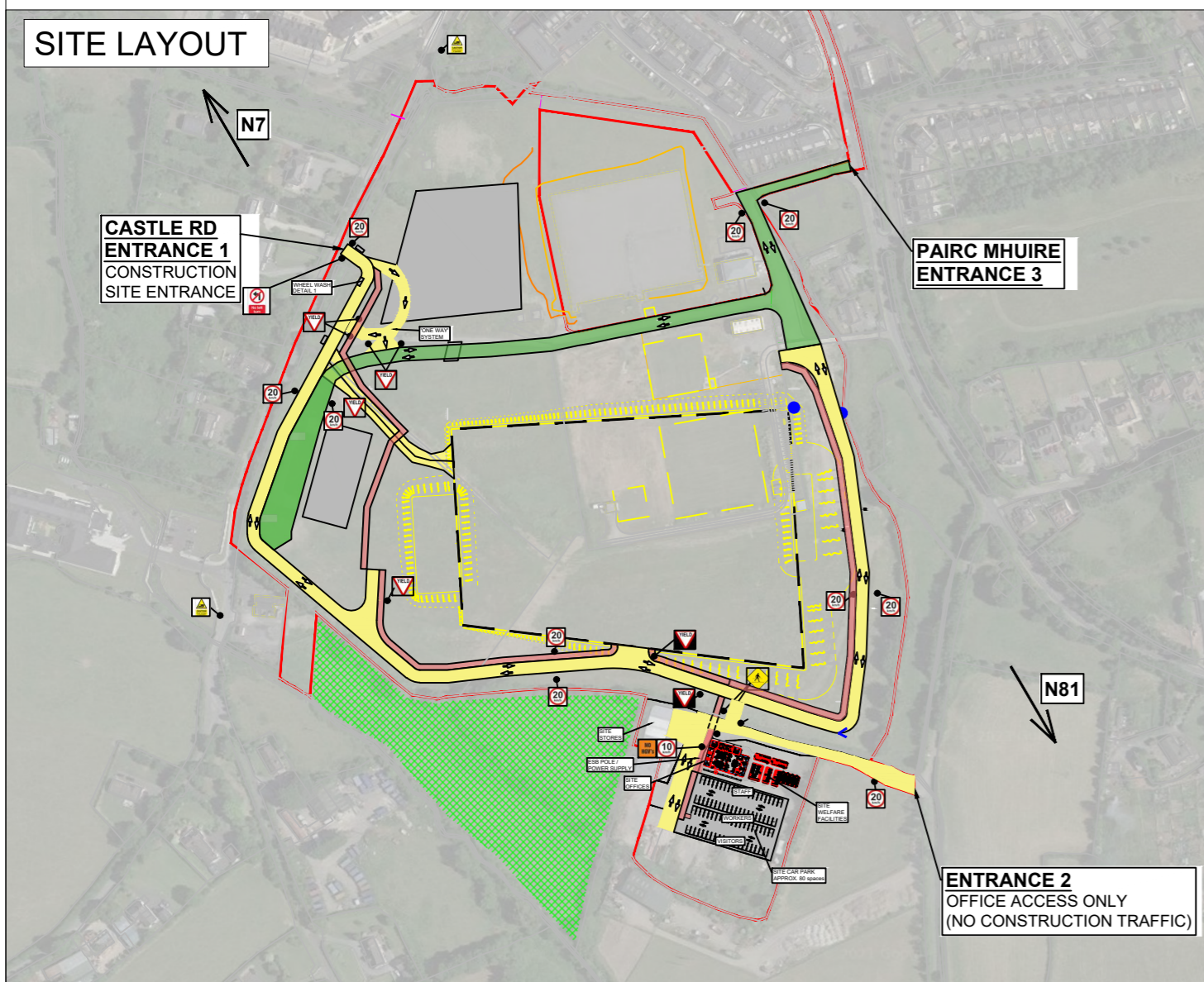
Tel: +353 91 844 356
Fax: +353 91 844 519
e-mail: info@coffeygroup.com
website: www.coffeygroup.com

PROJECT No:	J1387				
PROJECT TITLE:	ULVSS_2B				
CLIENT:	IRISH WATER				
LOCATION:	SAGGART_RESERVOIR_PROJECT				
ORIGINATOR:	AC	19/04/21	DRAWN BY:	PW	19/04/21
DRAWING TITLE:	SAGGART_RESERVOIR_PROJECT SITE_LAYOUT FENCING				
SHEET SIZE:	A2	DRAWING No:	1	REV:	03
CAD FILE:					SCALE: 1:1500

SITE ENTRANCE - TM PLAN



SITE LAYOUT



MAP



All dimensions in meters.
SCALE 1:4000 @A2

- NOTES:**
1. TMP to be read in conjunction with the CCIL Waste Management Plan and Construction Environmental Plan

- KEY / SYMBOLS:**
- SITE ACCESS RD
 - PEDESTRIAN ACCESS
 - EXISTING ACCESS RD
 - MATERIAL STORAGE AREA

SITE TEAM CONTACT DETAILS:

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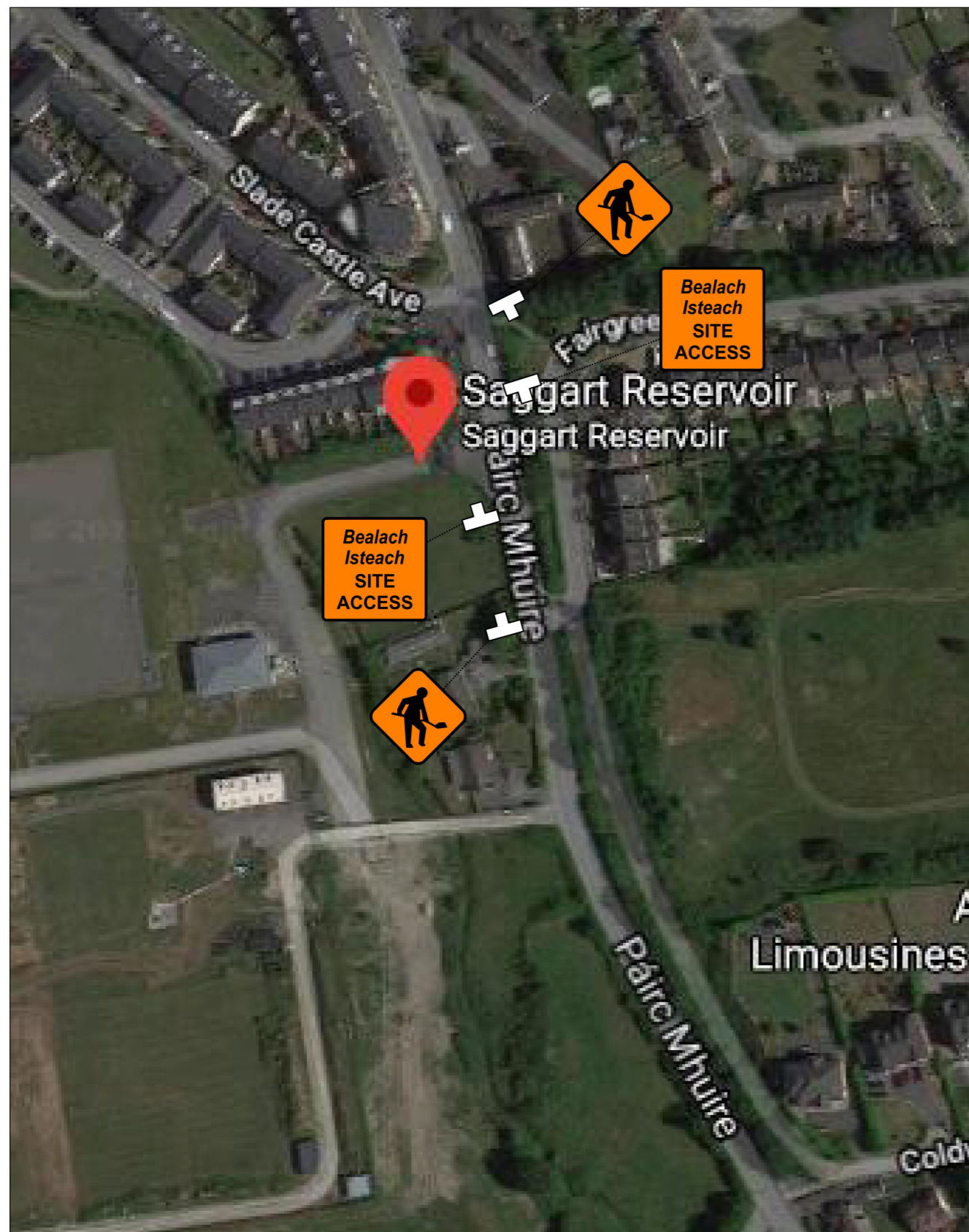
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02	26/02/21	AS PER COMMENTS	PW	PS	-	AC
01	12/02/21	FOR INFROMATION	PW	PS	-	AC

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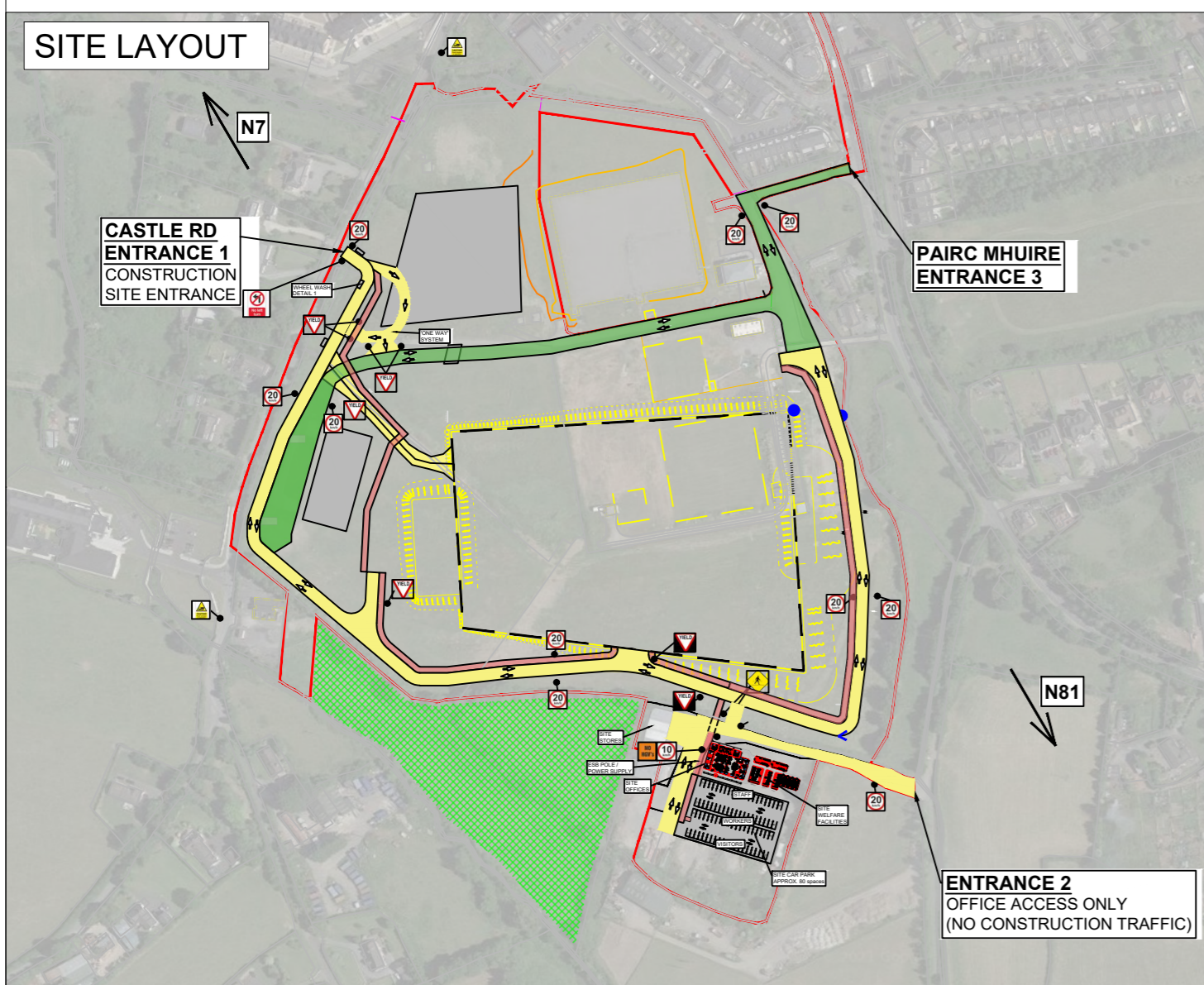
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website: www.coffeygroup.com

PROJECT No:	J1387				
PROJECT TITLE:	ULVSS_2B				
CLIENT:	IRISH WATER				
LOCATION:	SAGGART RESERVOIR PROJECT				
ORIGINATOR:	AC	16/02/20	DRAWN BY:	PW	16/02/20
DRAWING TITLE:	SAGGART RESERVOIR PROJECT CONS. STAGE TRAFFIC MANAGEMENT PLAN N7 - CASTLE RD ENTRANCE				
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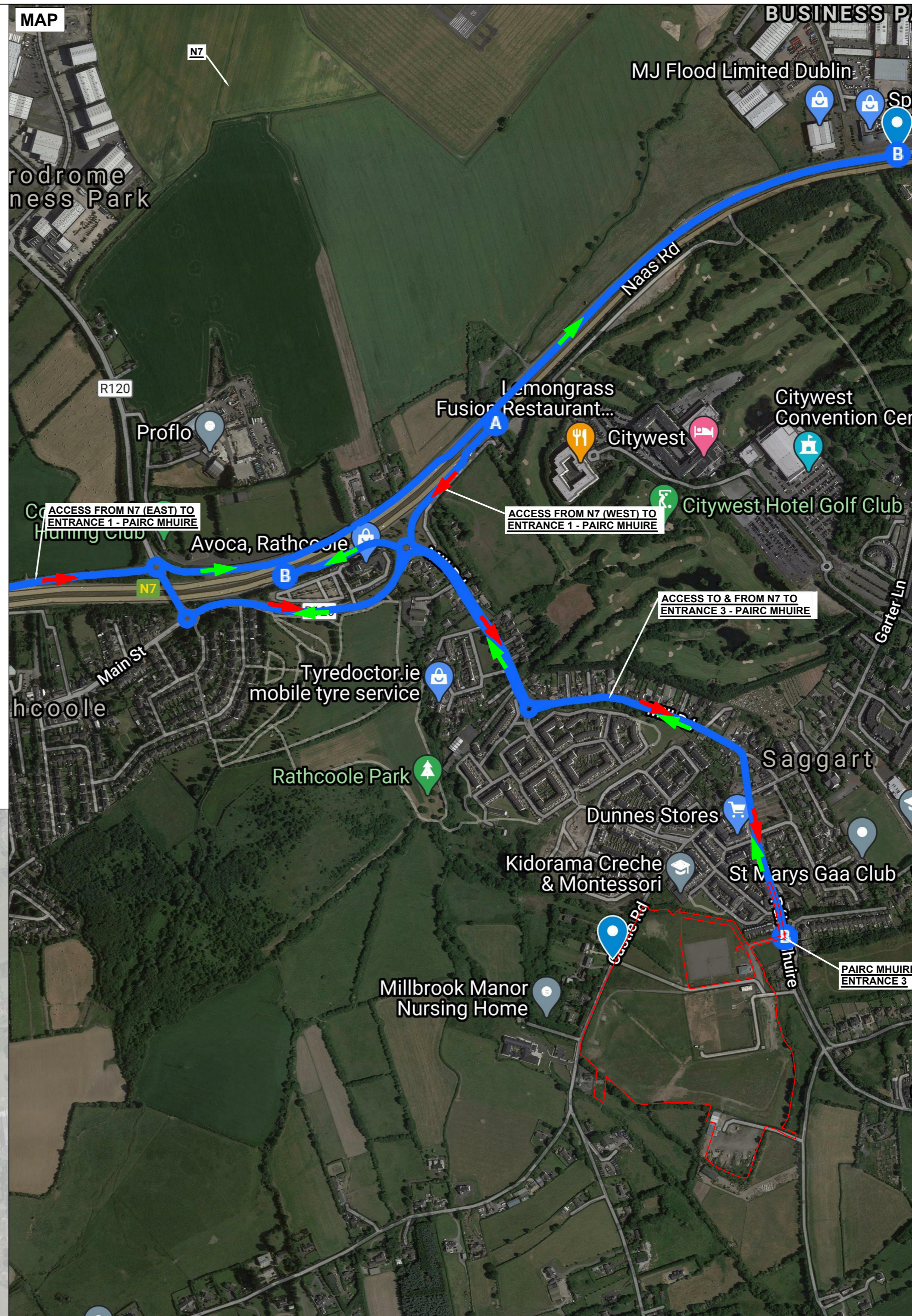
SITE ENTRANCE - TM PLAN



SITE LAYOUT



MAP



All dimensions in meters.
SCALE 1:4000 @A2

ENTRANCE 3 - PAIRC MHUIRE



- NOTES:**
1. TMP to be read in conjunction with the CCIL Waste Management Plan and Construction Environmental Plan

KEY / SYMBOLS:

	SITE ACCESS RD
	PEDESTRIAN ACCESS
	EXISTING ACCESS RD
	MATERIAL STORAGE AREA

SITE TEAM CONTACT DETAILS:

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REV	DATE	DESCRIPTION	DRAW	CHK2	CHK1	APPR
02	26/02/21	AS PER COMMENTS	PW	PS	-	AC
01	12/02/21	FOR INFORMATION	PW	PS	-	AC

△ REVISIONS

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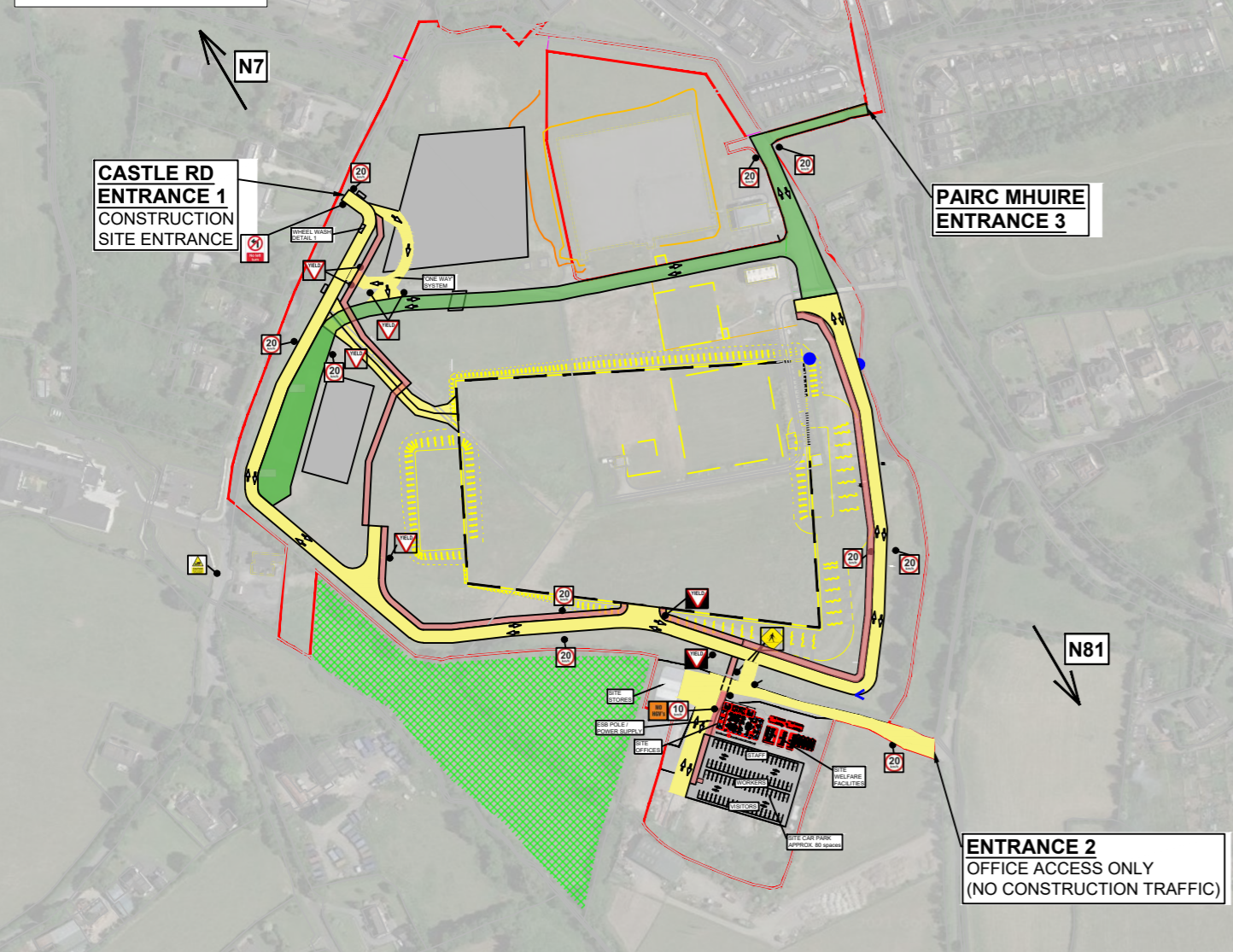
Tel: +353 91 844 356
Fax: +353 91 844 519
e-mail: info@coffeygroup.com
website: www.coffeygroup.com

PROJECT No:	J1387				
PROJECT TITLE:	ULVSS_2B				
CLIENT:	IRISH WATER				
LOCATION:	SAGGART RESERVOIR PROJECT				
ORIGINATOR:	AC	16/02/20	DRAWN BY:	PW	16/02/20
DRAWING TITLE:	SAGGART RESERVOIR PROJECT CONS_STAGE_TRAFFIC_MANAGEMENT_PLAN N7_-_PAIRC_MHUIRE_ENTRANCE				
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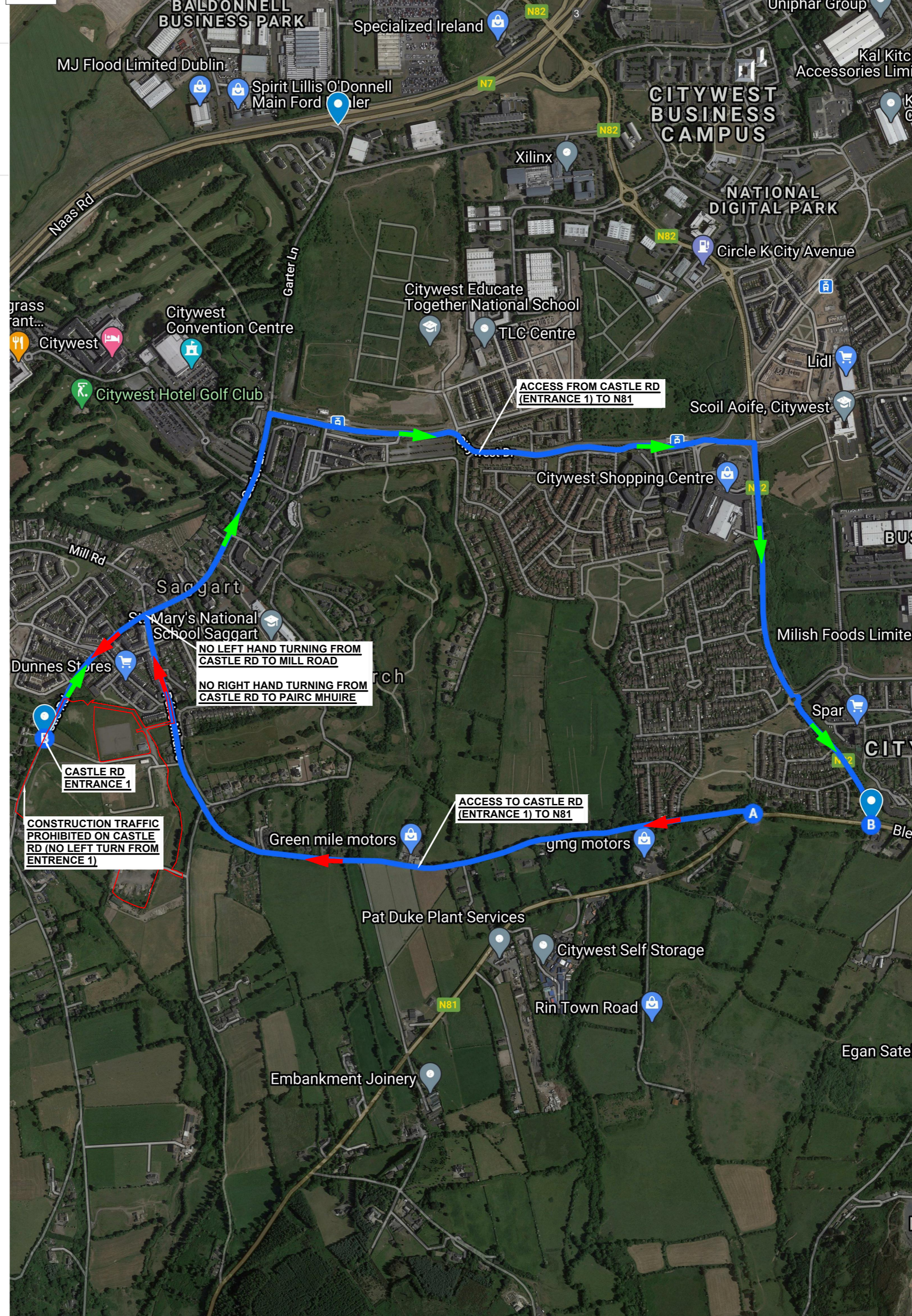
SITE ENTRANCE - TM PLAN



SITE LAYOUT



MAP



All dimensions in meters.

NOTES:

1. TMP to be read in conjunction with the CCIL Waste Management Plan and Construction Environmental Plan

KEY / SYMBOLS:

- SITE ACCESS RD
- PEDESTRIAN ACCESS
- EXISTING ACCESS RD
- MATERIAL STORAGE AREA

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REV	DATE	DESCRIPTION	DRAW	CHK2	CHK2	CHK2	APPR
02	26/02/21	AS PER COMMENTS	PW	PS	-	-	AC
01	12/02/21	FOR INFOMATION	PW	PS	-	-	AC

REVISIONS



Coffey Construction

Coffey Construction (I) Ltd.
 Moanbaun, Athenry,
 Co. Galway,
 Ireland
 H65 Y078

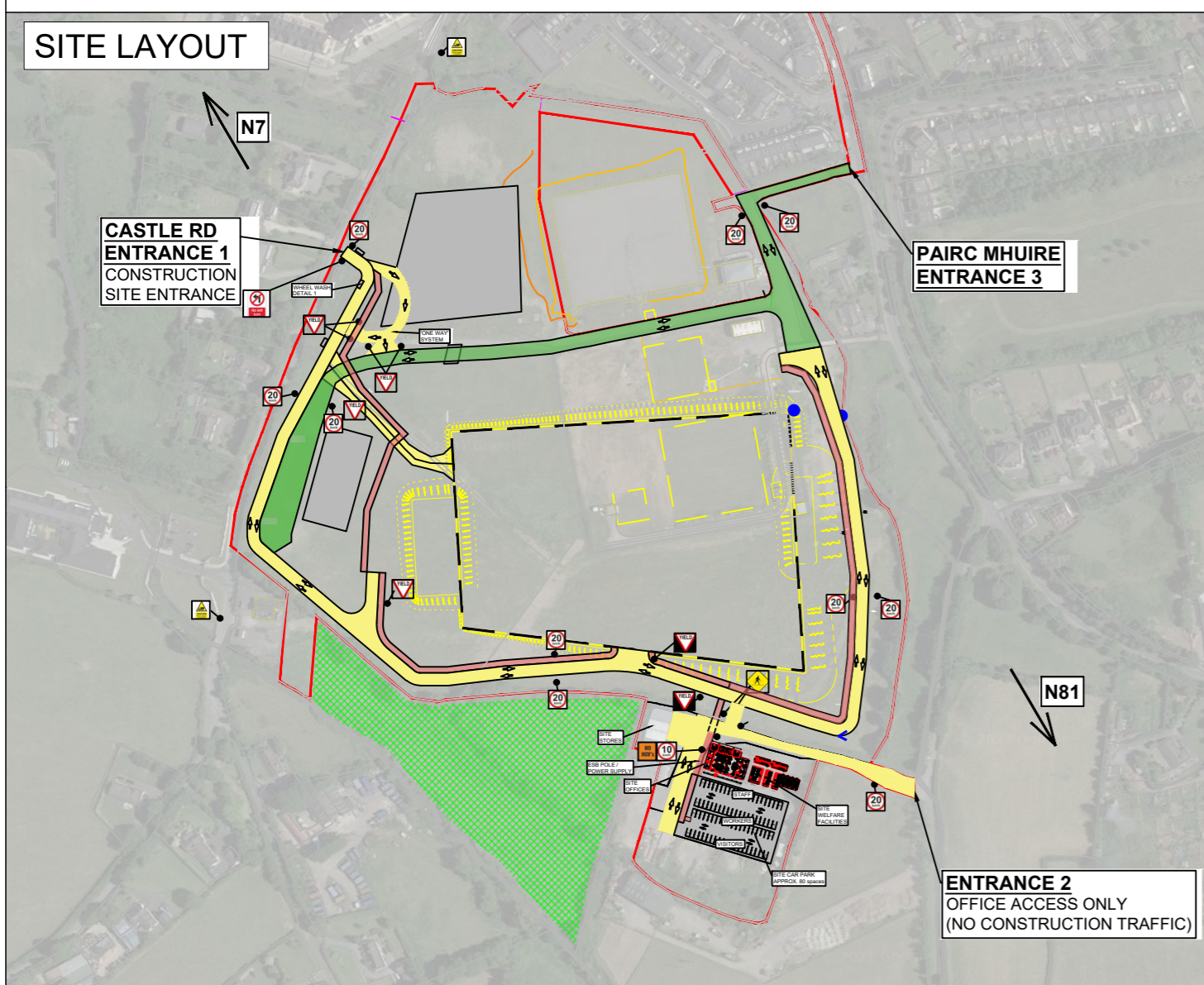
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 Fax: +353 91 844 519
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 website: www.coffeygroup.com

PROJECT No:	J1387						
PROJECT TITLE:	ULVSS_2B						
CLIENT:	IRISH WATER						
LOCATION:	SAGGART_RESERVOIR_PROJECT						
ORIGINATOR:	AC	16/02/20	DRAWN BY:	PW	16/02/20		
DRAWING TITLE:	SAGGART_RESERVOIR_PROJECT CONS_STAGE_TRAFFIC_MANAGEMENT_PLAN N81_-_CASTLE_RD_ENTRANCE						
SHEET SIZE:	A2	DRAWING No:	J1387-TM-004	REV:	01	SCALE:	1:4000

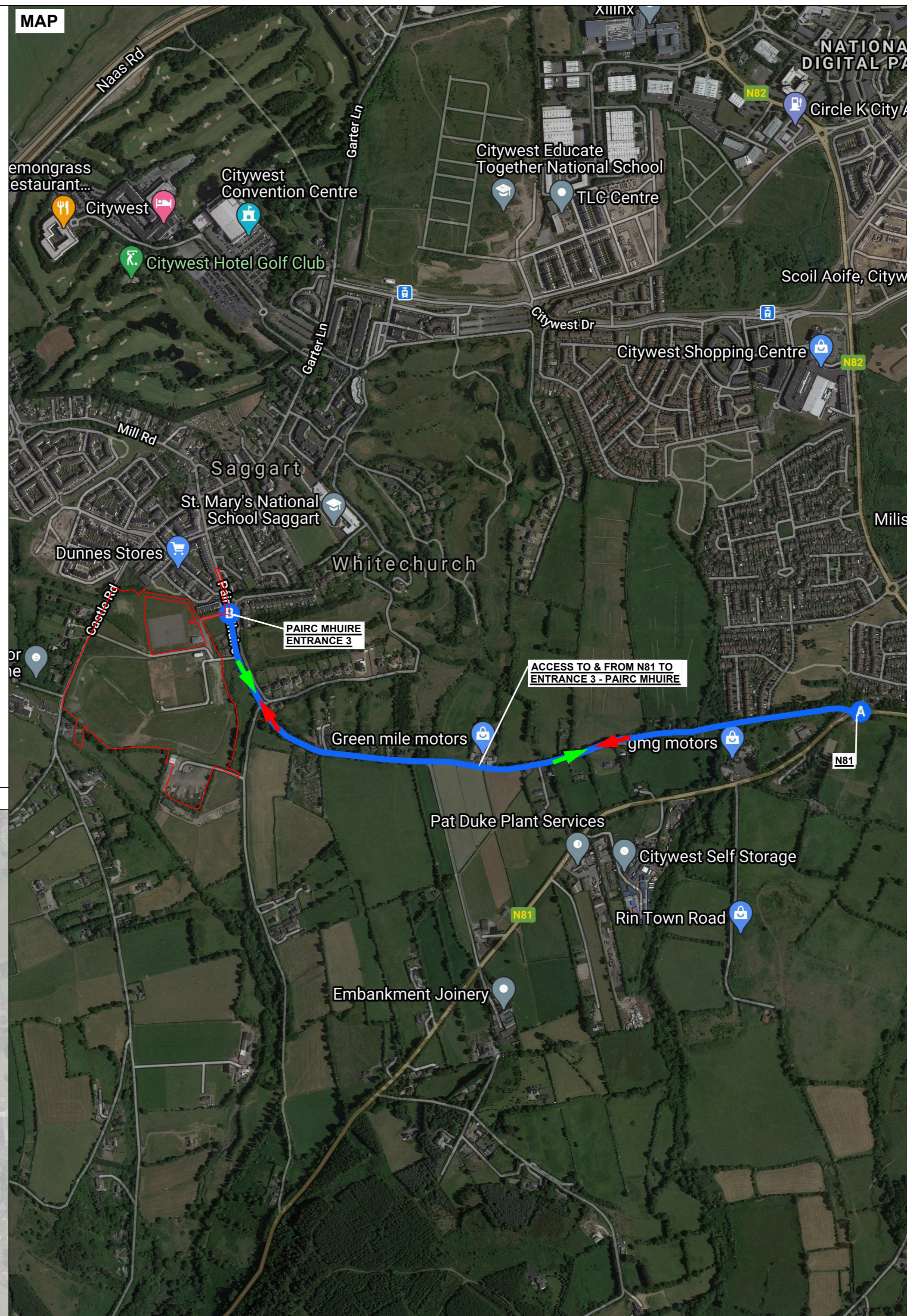
SITE ENTRANCE - TM PLAN



SITE LAYOUT



MAP



All dimensions in meters.
SCALE 1:4000 @A2

ENTRANCE 3 - PAIRC MHUIRE



NOTES:

1. TMP to be read in conjunction with the CCIL Waste Management Plan and Construction Environmental Plan

KEY / SYMBOLS:

- SITE ACCESS RD
- PEDESTRIAN ACCESS
- EXISTING ACCESS RD
- MATERIAL STORAGE AREA

SITE TEAM CONTACT DETAILS:

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01	12/02/21	FOR INFOMATION	PW	PS	-	-	AC

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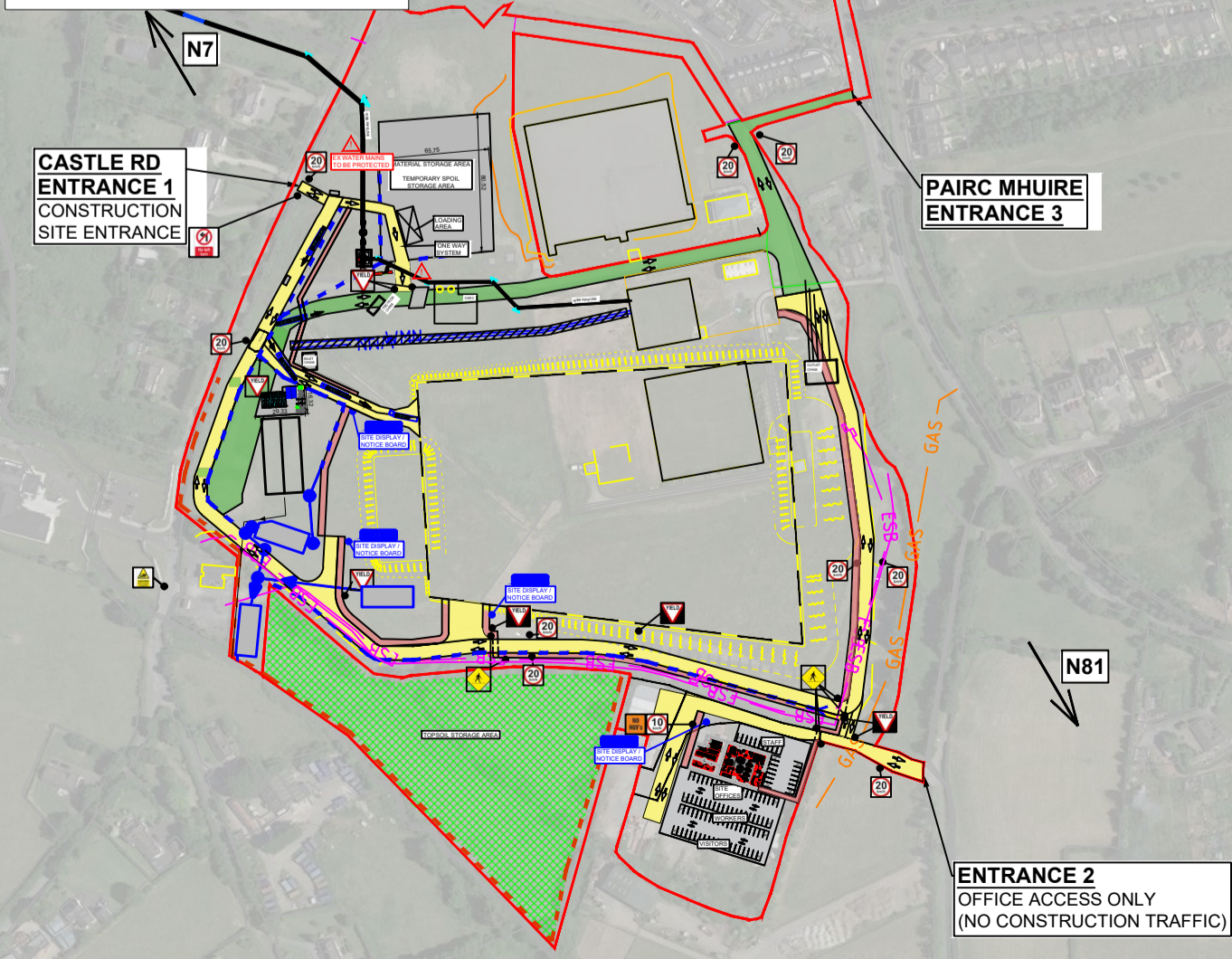
PROJECT No:	J1387		
PROJECT TITLE:	ULVSS_2B		
CLIENT:	IRISH WATER		
LOCATION:	SAGGART_RESERVOIR_PROJECT		
ORIGINATOR:	AC	16/02/20	DRAWN BY: PW 16/02/20
DRAWING TITLE:	SAGGART_RESERVOIR_PROJECT CONS_STAGE_TRAFFIC_MANAGEMENT_PLAN N81_-_PAIRC_MHUIRE_ENTRANCE		
SHEET SIZE:	DRAWING No:	REV:	
A2	J1387-TM-005	02	
CAD FILE:		SCALE:	1:4000

SITE ENTRANCES - TM PLANS

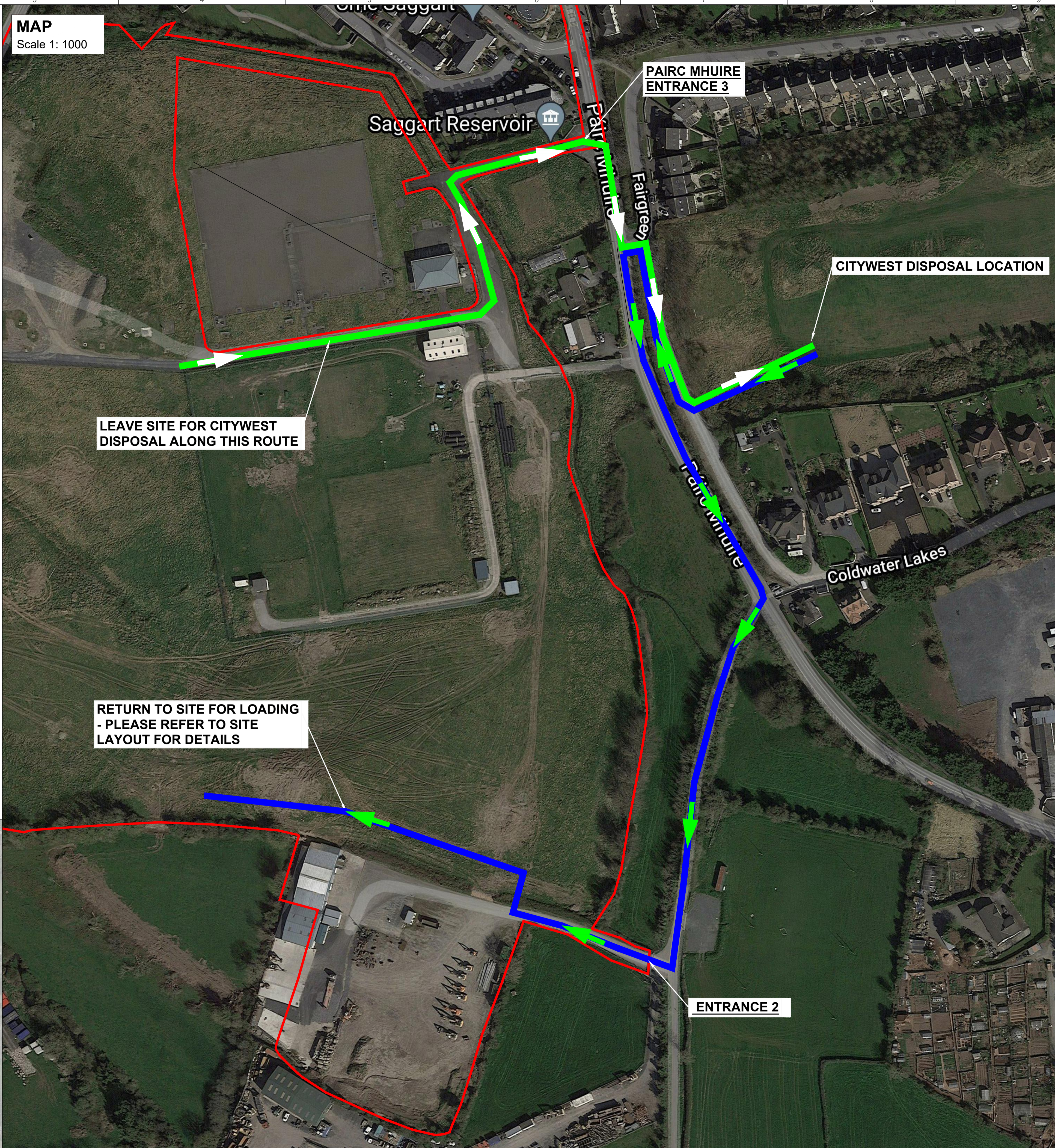


SITE LAYOUT

Scale 1:4000



MAP
Scale 1: 1000



- CF-QA-154(12)
- NOTES:
1. ALL DIMENSIONS ARE IN METRES (mm) UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES AND RELATE TO THE ORDNANCE SURVEY DATUM MALIN HEAD (m) UNLESS NOTED OTHERWISE.
 3. ENSURE THIS DRAWING IS THE RELEVANT REVISION AND READ IN CONJUNCTION WITH ALL RELEVANT DOCUMENTS.
 4. TO BE VIEWED ON A1 PAPER SIZE.

ENTRANCE 3 - PAIRC MUIRE



KEY / SYMBOLS:

- SITE BOUNDARY / FENCE
- SITE ACCESS RD
- PEDESTRIAN ACCESS
- EXISTING SITE ACCESS RD
- MATERIAL STORAGE AREA

- NOTES:
1. TMP to be read in conjunction with the CCIL Waste Management Plan and Construction Environmental Plan

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REV.	DESCRIPTION	DATE	BY	AC	CHECK
01	FOR INFORMATION	09/06/21	PW	AC	

APPROVED BY:	AC	SIGNED:	DATE:
CHECKED BY:	PS	SIGNED:	DATE:
DRAWN BY:	PW	SIGNED:	DATE:

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CLIENT:

IRISH WATER
COLVIL HOUSE,
24-26 TALBOT STREET,
MOUNTJOY,
DUBLIN 1. D01 NP86

CLIENT'S REPRESENTATIVE:

CONTRACTOR:

Athlone, Co. Galway
Tel: 01-844556
Fax: 01-844519
Web: www.coffeygroup.com

PROJECT:
**SAGGART RESERVOIR
DESIGN AND BUILT CONTRACT**

PROJECT NO.:
J1387

TITLE:
**CONSTRUCTION STAGE TM PLAN
CITYWEST MATERIAL DISPOSAL**

STATUS:
FOR INFORMATION

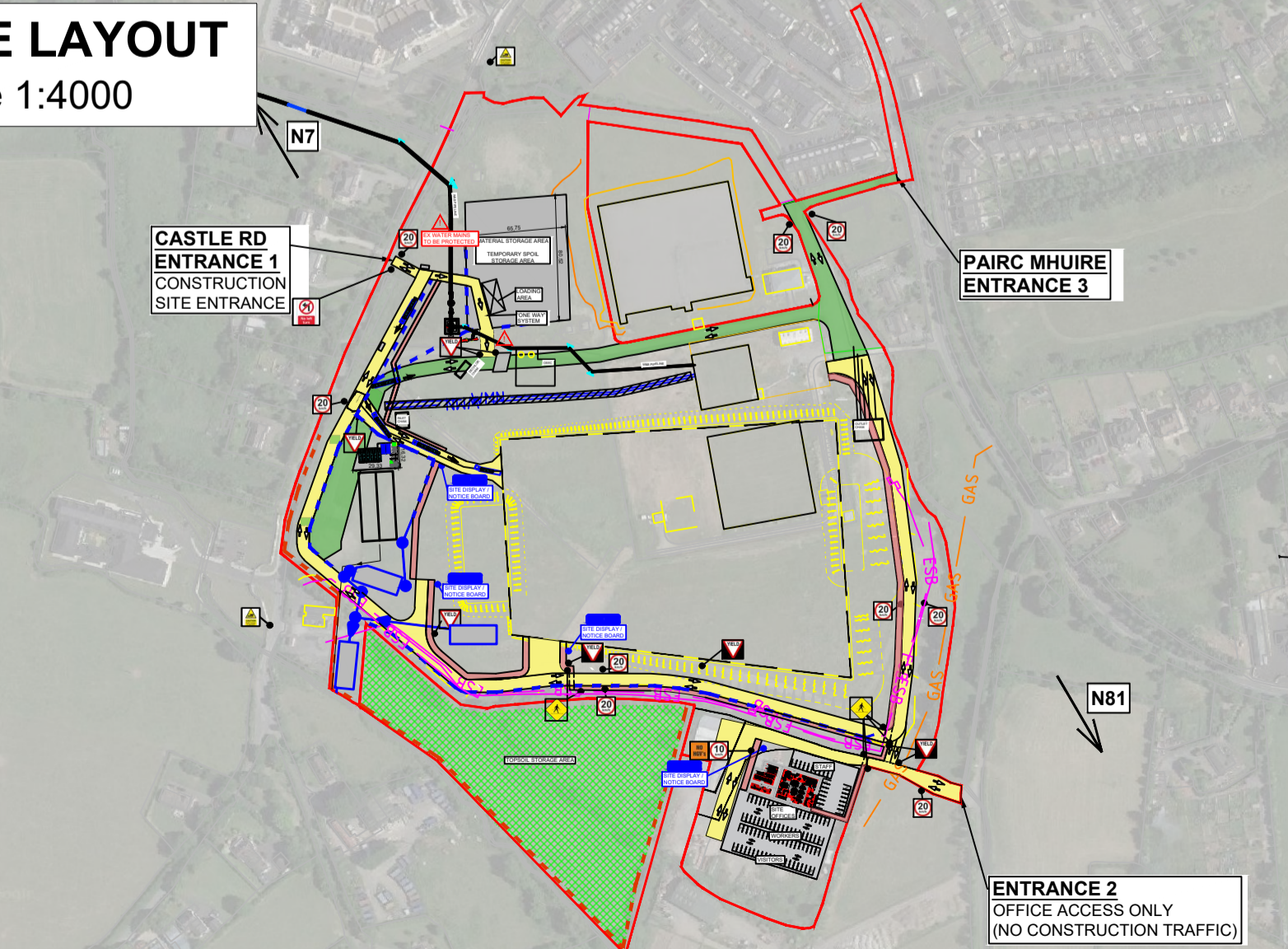
DRAWING NO.:
J1387-TM-007

REVISION:
01

SITE ENTRANCES - TM PLANS



SITE LAYOUT
Scale 1:4000



MAP
Scale 1: 5000



CF-QA-154(12)

NOTES:
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KEY / SYMBOLS:

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- SITE ACCESS RD
- PEDESTRIAN ACCESS
- EXISTING SITE ACCESS RD
- MATERIAL STORAGE AREA

NOTES:
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REV.	DESCRIPTION	DATE	BY	AC	CHECK
01	FOR INFORMATION	09/06/21	PW	AC	

APPROVED BY:	SIGNED:	DATE:
AC		09/06/21
CHECKED BY:	SIGNED:	DATE:
PS		09/06/21
DRAWN BY:	SIGNED:	DATE:
PW		09/06/21

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CLIENT'S REPRESENTATIVE:

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Tel: 01-844556
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PROJECT:
SAGGART RESERVOIR
DESIGN AND BUILT CONTRACT

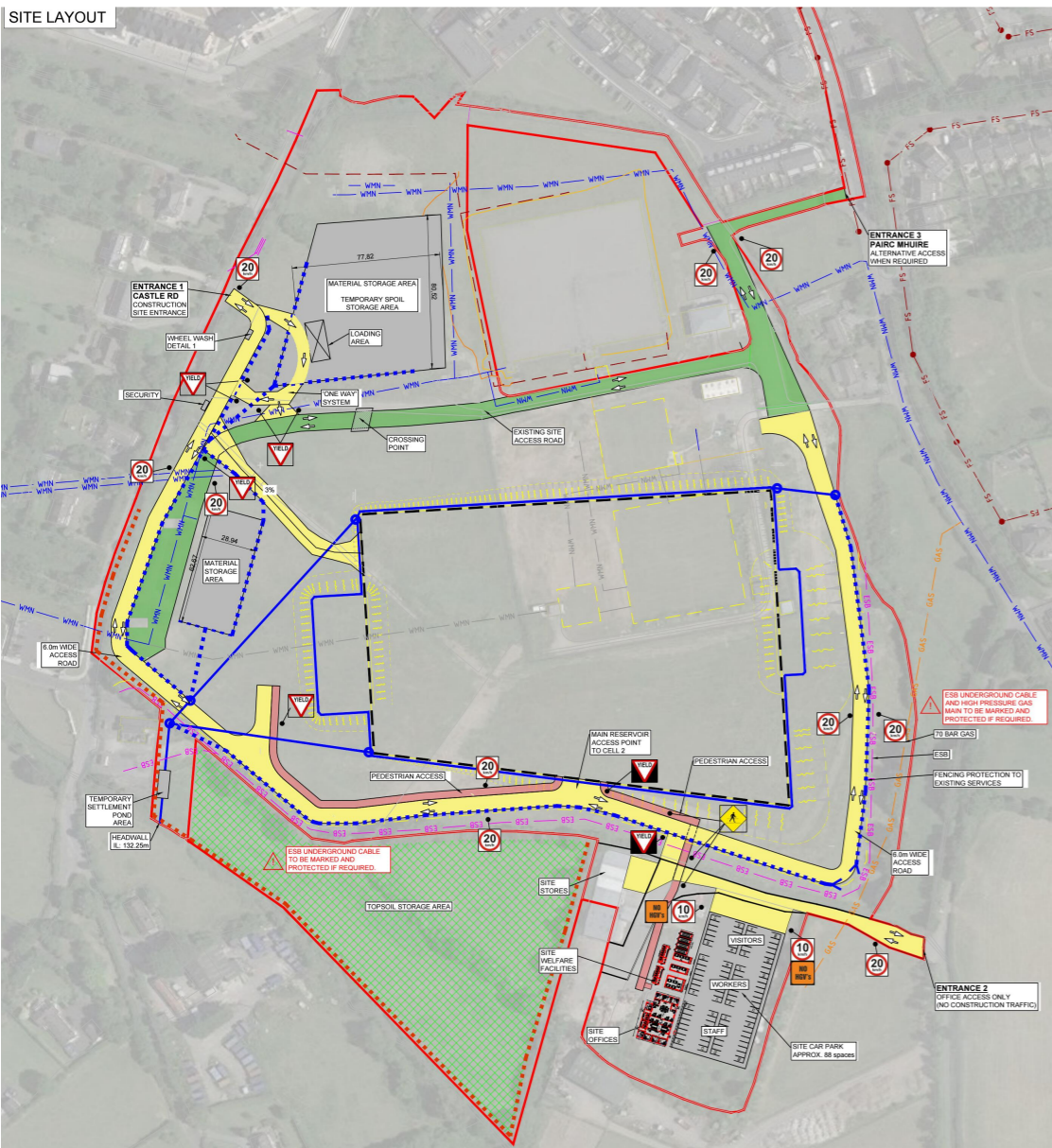
PROJECT NO.:
J1387

TITLE:
CONSTRUCTION STAGE TM PLAN
N7 MATERIAL DISPOSAL ONLY ROUTE

STATUS:
FOR INFORMATION

DRAWING NO.:
J1387-TM-008

REVISION:
01



DESIGN PARAMETERS

ROAD / WORKS CHARACTERISTICS

Road Level	Roadworks Type	Speed Limit
1(iii)	A	50
Single or Multi-Lane / Dual		Sign Size
Single		600mm

TEMPORARY SIGNS

Sign Visibility	Number of Signs	Sign Spacing
50m	2	20m

MIN. RATE OF TAPER

Taper at Lane	Taper At Hard Shoulder	Transition Length
1 in 5	1 in 5	N/A

SAFETY ZONES & LANE WIDTH

Longitudinal Safety Zone	Lateral Safety Zone	Minimum Lane Width
5m	0.5m	3m

CONE SIZE & SPACING

Minimum Cone Height	Spacing at Tapers	Longitudinal Spacing
750mm	3m	3m

LAMP SPACING

Lamp Spacing at Tapers	Longitudinal Lamp Spacing
6m	6m

LEGEND

- Sign Location
- Road Cones
- Works Areas
- Longitudinal Safety Zone
- Lateral Safety Zone

PROJECT INFORMATION

Client:

Project: Saggart Reservoir J1387

Title: Site Entrances

Dwg No: J1387_TM_001

Date: 18/02/2021 Rev: 00 Scale: N.T.S.

Drawn: P. Daly Checked: P. Scanlon Approved: A. Croke

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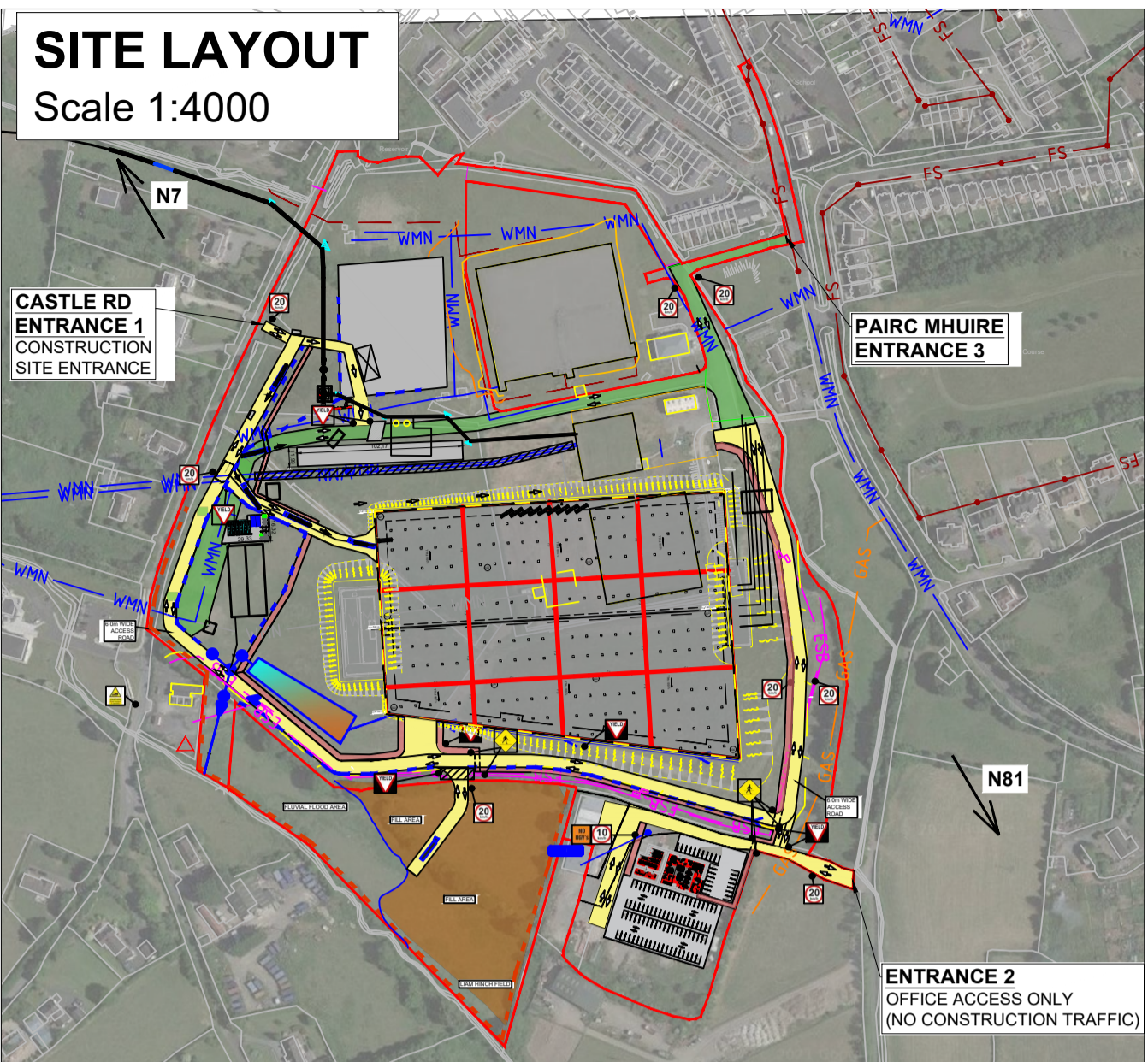
GENERAL NOTES:

- 1) All works to be carried out in accordance with the latest revisions of Chapter 8 of the Traffic Signs Manual and the Temporary Traffic Management Operations Guidance.
- 2) The Temporary traffic management plan may only be implemented by a qualified Temporary Traffic Operations Supervisor (TTOS). The TTOS is to be in possession of the relevant CSCS signing lighting and guarding at road works card.
- 3) TTOS shall be available at all times when traffic management is in operation. Designated personnel to hold Health and Safety at Road Works CSCS card if applicable.
- 4) Inspections of the traffic management layout are to be carried out on a daily basis to ensure the TM equipment has been set out as specified in the temporary traffic management plan (TTMP) and to ensure the TTMP is operating effectively.
- 5) Maintenance of the traffic management equipment to be carried out on an on-going basis throughout the duration of the works.
- 6) Sign faces shall be of retro-reflective material and the retro-reflectivity, colours, chromaticity and luminance factors shall be as specified in the TII Publication on Specification for Roadworks Series 1200 (CC-SPW-01200) or any further amendments or replacement.
- 7) Designated works access locations are to be clearly signposted using sign WK 052 as required. Exact location of access signage to be determined by the TTOS on site, referring to Chapter 8 of the Traffic Signs Manual for usage. A supplementary colour code or numbering system may be used with this sign.
- 8) The layouts and diagrams shown in chapter 8 of the traffic signs manual are based on directing traffic through roadworks using delineators and safety zones rather than on the use of restraint systems. Safety barriers should only be used where the benefits outweigh the risks involved in their installation and use. Risk assessment to be undertaken by the relevant supervisor in relation to excavations in the vicinity of the existing roadway.
- 9) It is envisaged that unobstructed access shall be maintained for the emergency services for the duration of the works. Should access be required to the site / works areas then this shall be via agreed site access points.
- 10) Access to local residence and business properties to be maintained at all times and to be coordinated by the TTOS on site.
- 11) Pedestrian routes to be maintained during the works. Pedestrian routes to be coordinated by the TTOS on site and signed accordingly.

DRAWING HISTORY:

Rev.	Date	Comment
00	18/02/2021	Original Issue





MAP
Scale 1: 1000



- CF-QA-154(12)
- NOTES:
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 - EXISTING SITE ACCESS RD
 - MATERIAL STORAGE AREA

- NOTES:
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REV.	DESCRIPTION	DATE	BY	AC	CHECK
01	FIRST ISSUE	29/11/21	PW	AC	

APPROVED BY:	AC	SIGNED:	DATE:
CHECKED BY:	PS	SIGNED:	DATE:
DRAWN BY:	PW	SIGNED:	DATE:

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CONTRACTOR:

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Web: www.coffeygroup.com

PROJECT:

SAGGART RESERVOIR
DESIGN AND BUILT CONTRACT

PROJECT NO.:

J1387

TITLE:

CONSTRUCTION STAGE TM PLAN
ACCESS TO P. HURLEY'S FIELD

STATUS:

FOR INFORMATION

DRAWING NO.:

J1387-TM-010

REVISION:

01