

# Carrigtwohill URDF Initiative - Urban Expansion Area (UEA) Infrastructure

Drawings Pursuant to the Requirements of Part 8, Article 83 of the Planning and Development Regulations, 2001, as amended.

## 1) Overall Project Objectives:

- To support **regeneration, compact growth and sustainable development** in Carrigtwohill;
- To support the achievement of a sustainable residential community and other development in the UEA by providing **high quality, attractive and sustainable connectivity** between the UEA and Carrigtwohill, public transport hubs (Carrigtwohill Train Station), educational facilities, existing development south of the railway line and employment centres;
- To provide **pedestrian, cyclist and vehicular access and services** to development lands in the Carrigtwohill UEA to facilitate the development of housing while encouraging sustainable modes of transport by reducing car dominance and providing high quality, safe pedestrian and cyclist facilities;
- To provide for **green open spaces** within the proposals and to **protect and enhance areas of local biodiversity value** within the UEA to serve the needs of communities and as a key contributor to climate mitigation and climate adaptation;
- **Co-ordination and integration** of proposals with other proposed infrastructure projects in Carrigtwohill.

## 2) Scheme Includes:

- > 3.5 km of new Services Corridor Link Road, including footpaths and cycle tracks on both sides and all ducts and services to facilitate future UEA development.
- > 2 km of road upgrades, including footpaths and cycle tracks on both sides and all ducts and services to facilitate future UEA development.
- 2 no. Pedestrian / Cycle Bridges over the Cork to Midleton Railway Line
- 9 no. junction upgrades.
- 4 no. surface water detention ponds.
- 2 no. shared paths connecting the UEA Infrastructure to the planned Carrigtwohill to Midleton Inter-urban Cycle Route.
- 5.5 hectares of passive green open space located in different areas of the UEA to enhance local biodiversity as appropriate for each area.



**ATKINS**

Member of the SNC-Lavalin Group

Atkins House, 150-155 Arside Business Park, Swords, Co. Dublin  
Tel (+353) 01 810 8000  
Fax (+353) 01 810 8001

Unit 2B, 2200 Cork Airport Business Park, Cork  
Tel (+353) 021 429 0300  
Fax (+353) 021 429 0300

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Tel (+353) 091 780 050  
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DO NOT SCALE

File: 5194601-HTR\_DR\_0001.dwg  
Date: May 15, 2023 - 5:42pm  
Plotted by: F.MendozaDiaz

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### DRAWING LIST

DRAWING NUMBER	DRAWING TITLE	REV
5194601-HTR_DR_0000	COVER SHEET	A
5194601-HTR_DR_0001	DRAWING INDEX SHEET	A
5194601-HTR_DR_0002	SITE LOCATION MAP	A
5194601-HTR_DR_0003	SITE LOCATION MAP - KEY PLAN	A
5194601-HTR_DR_0004	SITE LOCATION MAP - SHEET 1 OF 2	A
5194601-HTR_DR_0005	SITE LOCATION MAP - SHEET 2 OF 2	A
5194601-HTR_DR_0006	PROJECT LOCATIONS PLAN	A
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5194601-HTR_DR_0011	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - KEY PLAN - SHEET 2 OF 2	D
5194601-HTR_DR_0012	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 1 OF 25	D
5194601-HTR_DR_0013	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 2 OF 25	D
5194601-HTR_DR_0014	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 3 OF 25	D
5194601-HTR_DR_0015	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 4 OF 25	D
5194601-HTR_DR_0016	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 5 OF 25	D
5194601-HTR_DR_0017	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 6 OF 25	D
5194601-HTR_DR_0018	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 7 OF 25	D
5194601-HTR_DR_0019	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 8 OF 25	D
5194601-HTR_DR_0020	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 9 OF 25	D
5194601-HTR_DR_0021	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 10 OF 25	D
5194601-HTR_DR_0022	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 11 OF 25	D
5194601-HTR_DR_0023	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 12 OF 25	D
5194601-HTR_DR_0024	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 13 OF 25	D
5194601-HTR_DR_0025	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 14 OF 25	D
5194601-HTR_DR_0026	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 15 OF 25	D
5194601-HTR_DR_0027	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 16 OF 25	D
5194601-HTR_DR_0028	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 17 OF 25	D
5194601-HTR_DR_0029	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 18 OF 25	D
5194601-HTR_DR_0030	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 19 OF 25	D
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5194601-HTR_DR_0036	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE - SHEET 25 OF 25	D
5194601-HTR_DR_0040	TYPICAL CROSS SECTIONS - SHEET 1 OF 3	-
5194601-HTR_DR_0041	TYPICAL CROSS SECTIONS - SHEET 2 OF 3	-
5194601-HTR_DR_0042	TYPICAL CROSS SECTIONS - SHEET 3 OF 3	-

#### GENERAL NOTES

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- ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
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Purpose ISSUED FOR INFORMATION

Title DRAWING INDEX SHEET

Clients CORK COUNTY COUNCIL

Project CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE

Original Scale	Des/Drawn	Checked	Authorised
NTS	FMD	JOC	RAN
Date 31/03/23	Date 31/03/23	Date 31/03/23	Date 31/03/23
Status	Drawing Number	Rev	
P	5194601 / HTR / DR / 0001	A	

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Rev	Description	By	Date	Chk'd	Auth
A	ISSUED FOR REVISION	FMD	04/23	JOC	RAN
-	ISSUED FOR REVISION	FMD	03/23	JOC	RAN

Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
Tel (+353) 01 810 8000 Fax (+353) 01 810 8001

Unit 2B, 2200 Cork Airport Business Park, Cork  
Tel (+353) 021 429 0300 Fax (+353) 021 429 0360

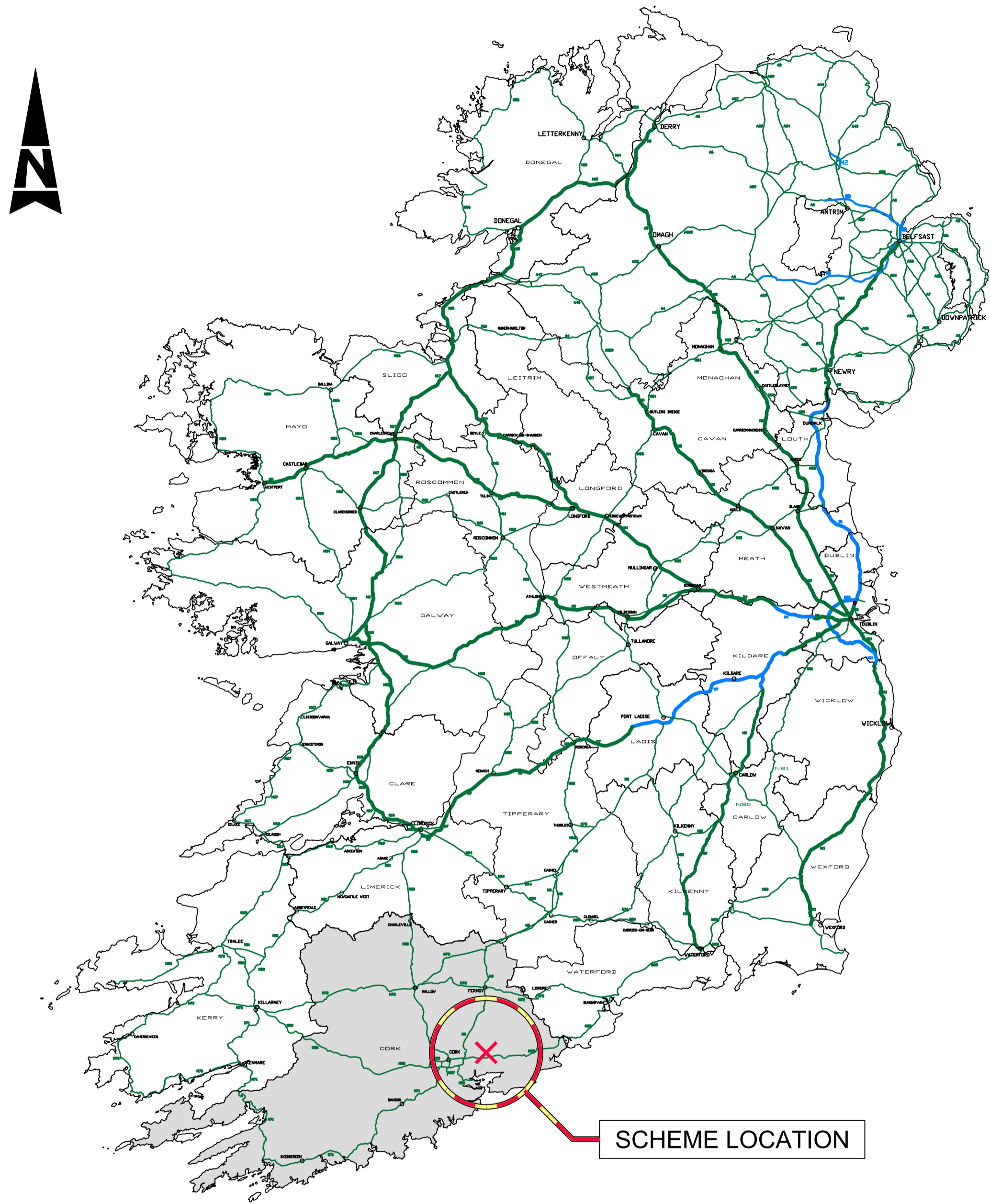
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Tel (+353) 091 786 0500 Fax (+353) 091 779 830



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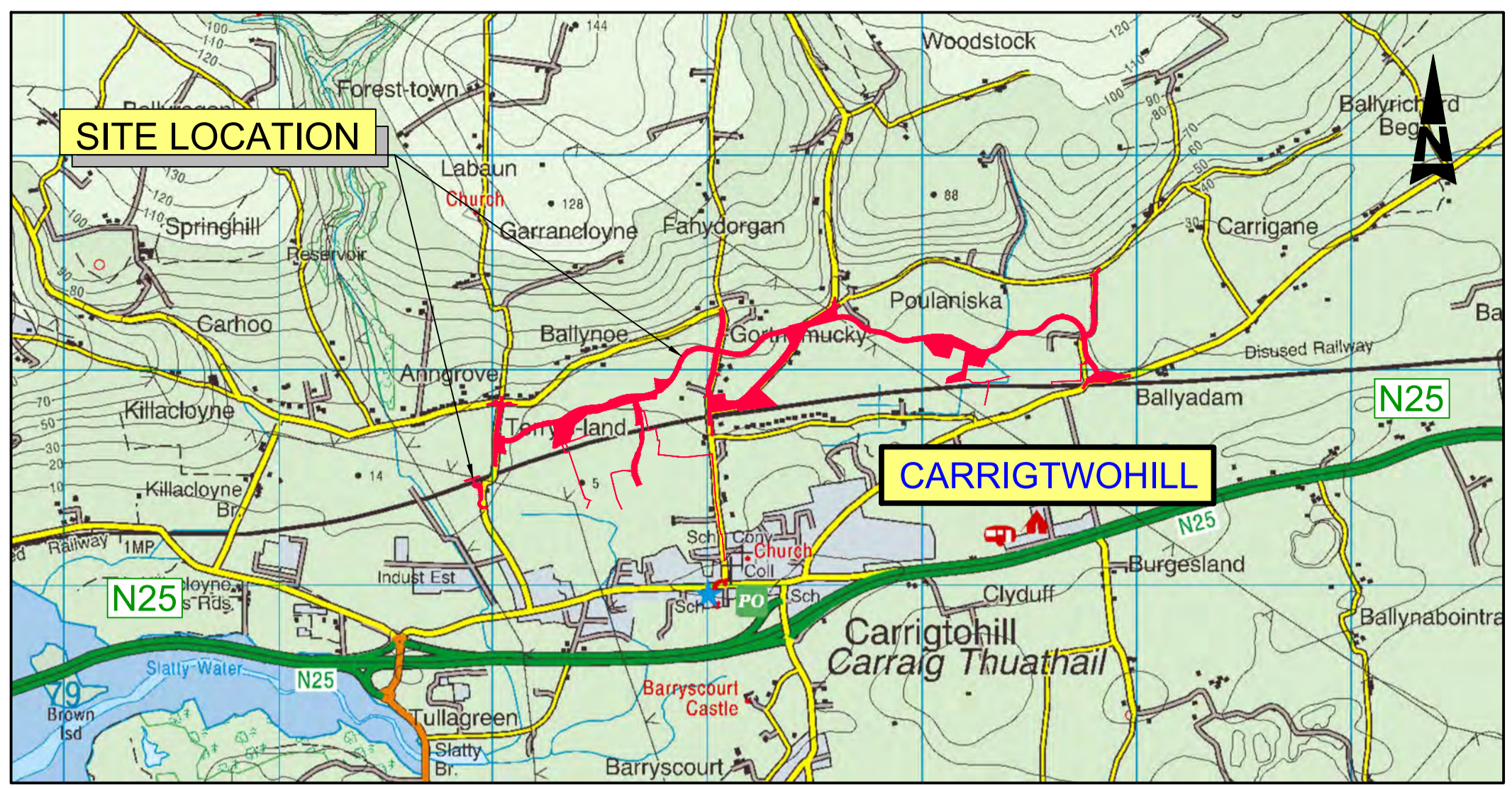
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Date: May 16, 2023 - 9:38am  
Plotted by: F.MendozaDiaz



CONTEXTUAL MAP

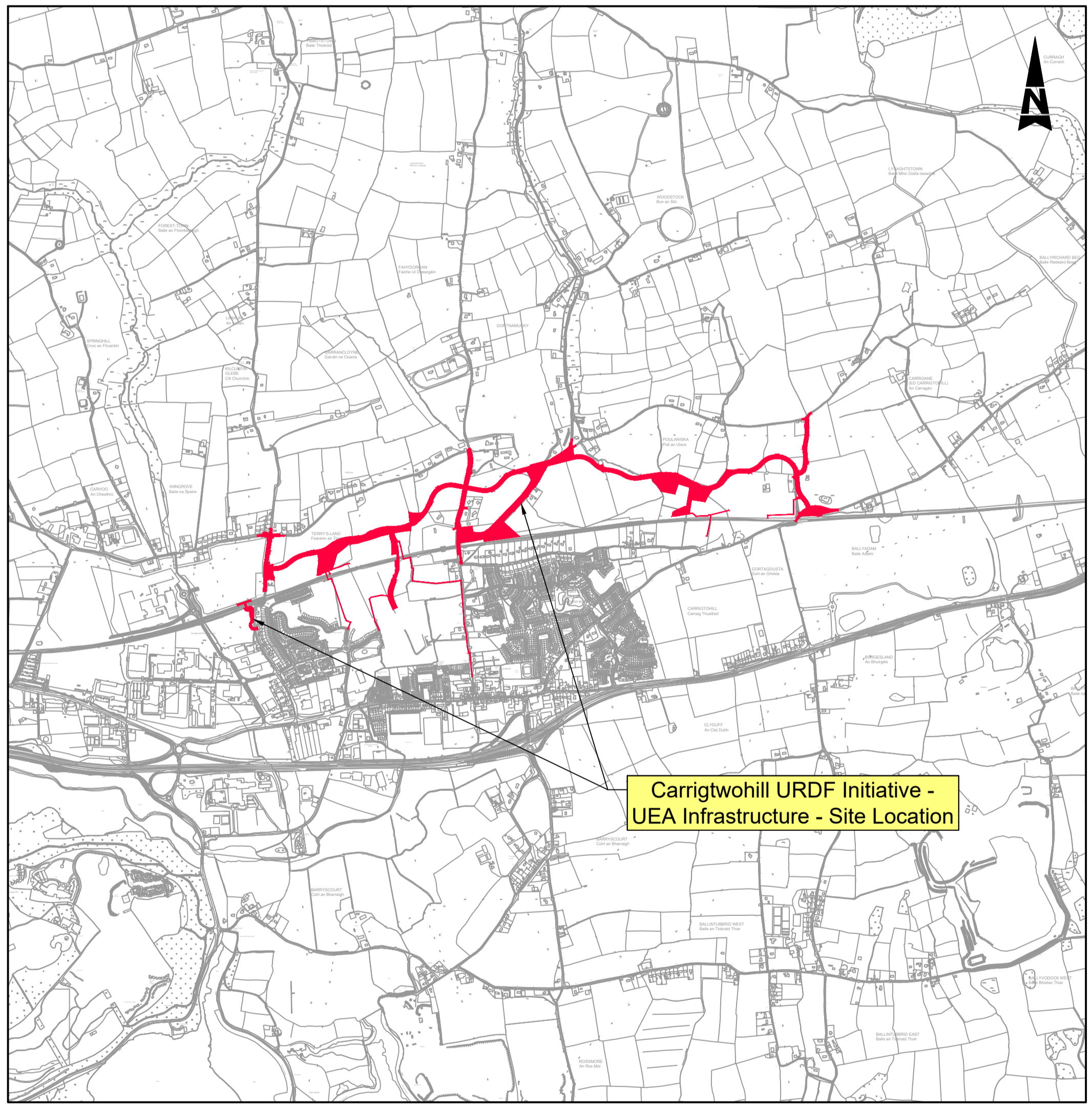
NTS

SCHEME LOCATION



SITE LOCATION MAP

Scale at A1 1:25,000  
Scale at A3 1:50,000



SITE LOCATION PLAN

Scale at A1 1:20,000  
Scale at A3 1:40,000

- GENERAL NOTES**
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- DRAWING NOTES**
1. OS SHEET NUMBER: OS1606 AND OS1806.

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Rev	Description	By	Date	Chk'd	Auth
A	ISSUED FOR PART 8 PLANNING	FMD	04/23	JOC	RAN
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Member of the SNC-Lavalin Group

Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
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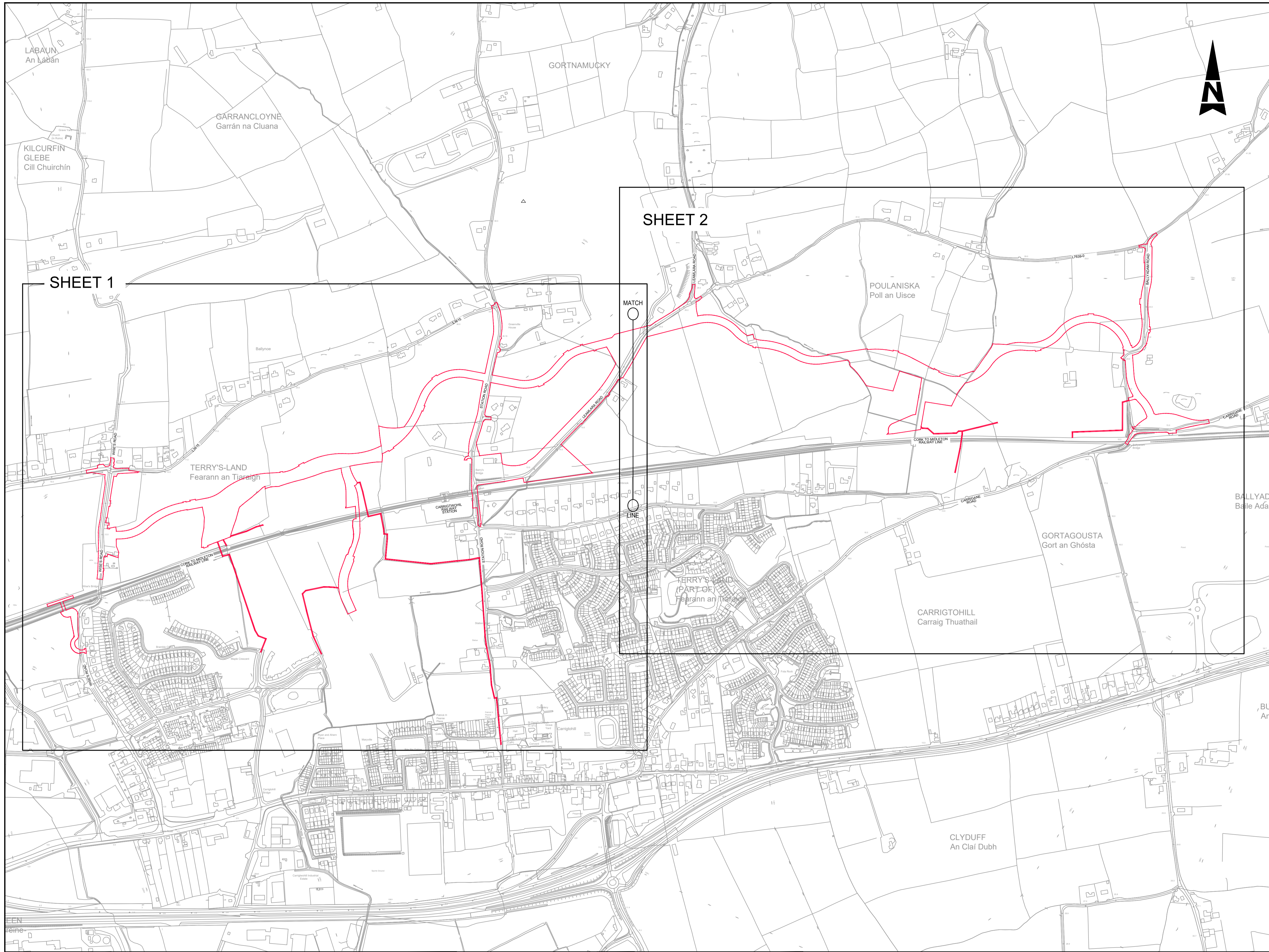
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Tel (+353) 091 788 0550 Fax (+353) 091 779 830

Clients	CORK COUNTY COUNCIL			
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE			

Purpose	ISSUED FOR INFORMATION				
Title	SITE LOCATION MAP				
Original Scale	Des/Drawn	Checked	Authorised		
As Shown	FMD	JOC	RAN		
Date	30/03/23	Date	30/03/23	Date	30/03/23
Status	Drawing Number			Rev	
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**LEGEND:**  
 PART 8 SITE BOUNDARY

File: 5194601-HTR\_DR\_0003 to 0005.dwg  
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Rev	Description	By	Date	Chk'd	Auth
A	ISSUED OFR REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
 Tel (+353) 01 810 8000 Fax (+353) 01 810 8001

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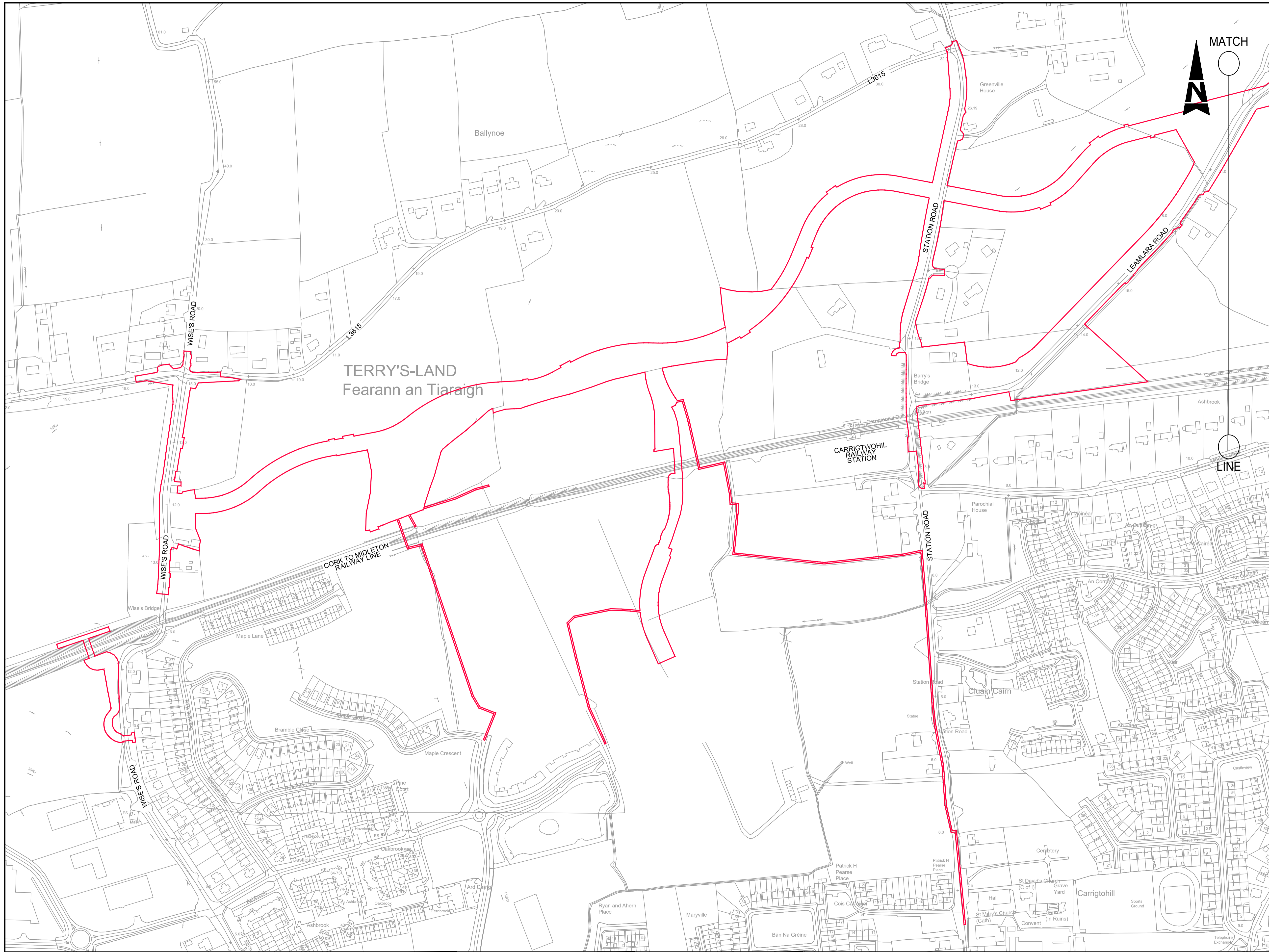
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**CARRIGTOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose	ISSUED FOR INFORMATION				
Title	SITE LOCATION MAP KEY PLAN				
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Date	16/03/23	Date	16/03/23	Date	16/03/23
Status	P	Drawing Number	5194601 / HTR / DR / 0003	Rev	A

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 PART 8 SITE BOUNDARY

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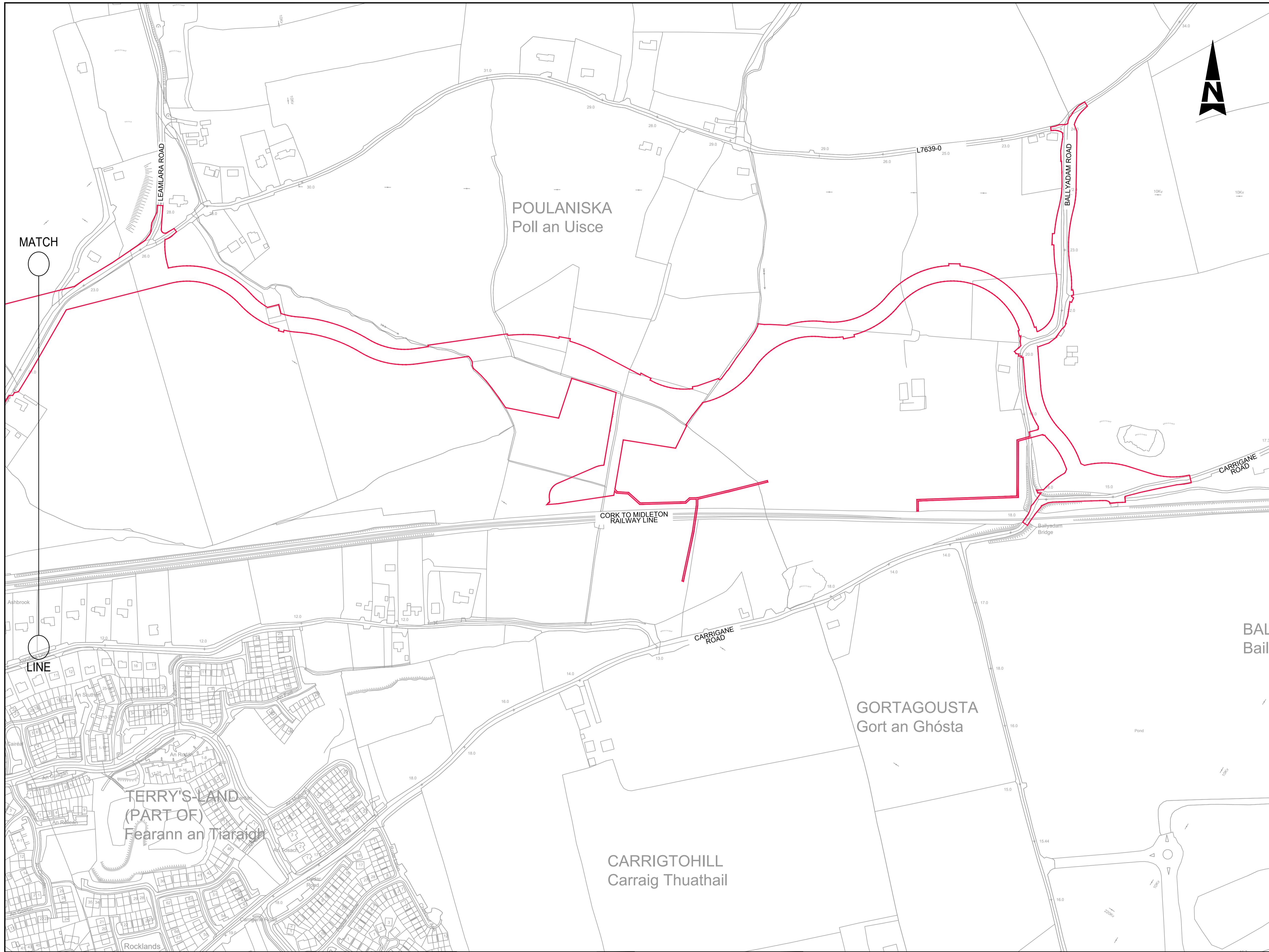
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 Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose	ISSUED FOR INFORMATION				
Title	SITE LOCATION MAP SHEET 1 OF 2				
Original Scale	1:2500	Des/Drawn	FMD	Checked	JOC
Date	16/03/23	Date	16/03/23	Date	16/03/23
Status	P	Drawing Number	5194601 / HTR / DR / 0004	Rev	A

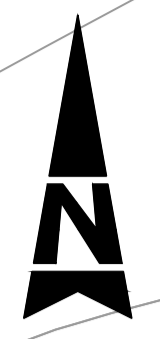
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File: 5194601-HTR\_DR\_0003 to 0005.dwg  
Date: May 16, 2023 - 9:41am  
Plotted by: F.MendozaDiaz



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**LEGEND:**  
— PART 8 SITE BOUNDARY

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**Project Ireland 2040**  
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Rev	Description	By	Date	Chk'd	Auth
A	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

**ATKINS**  
 Member of the SNC-Lavalin Group

Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
 Tel (+353) 01 810 8000 Fax (+353) 01 810 8001

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 Tel (+353) 021 429 0300 Fax (+353) 021 429 0360

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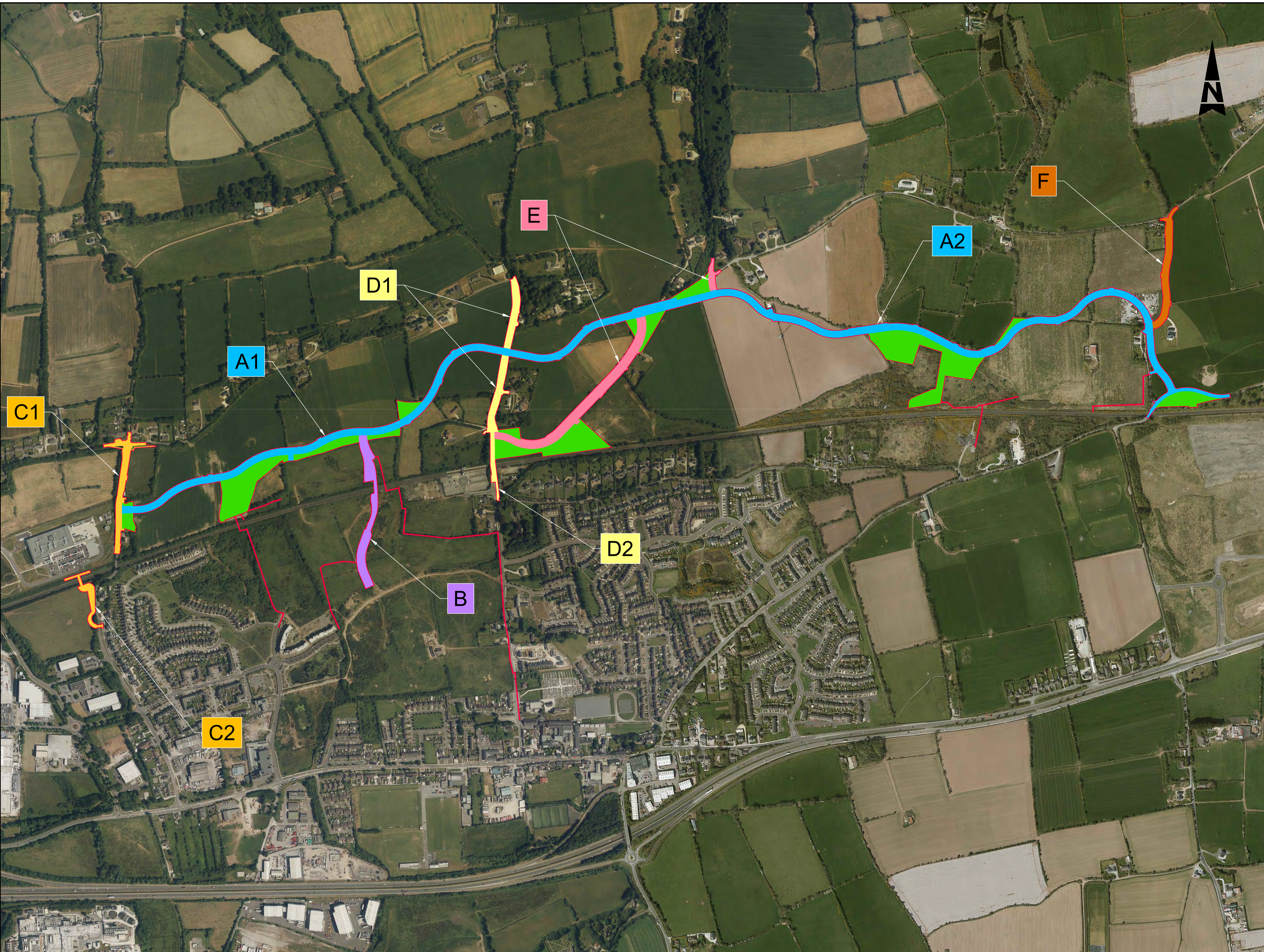
Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose ISSUED FOR INFORMATION					
Title SITE LOCATION MAP SHEET 2 OF 2					
Original Scale 1:2500	Des/Drawn FMD	Checked JOC	Authorised RAN		
Date 16/03/23	Date 16/03/23	Date 16/03/23	Date 16/03/23		
Status P	Drawing Number 5194601 / HTR / DR / 0005	Rev A			

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File: 5194601-HTR\_DR\_0006.dwg  
Date: May 16, 2023 - 10:03am  
Plotted by: F.MendozaDiaz



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- PART 8 INFRASTRUCTURE KEY**
- A1 WESTERN SERVICES CORRIDOR LINK ROAD.
  - A2 EASTERN SERVICES CORRIDOR LINK ROAD.
  - B NORTHERN SERVICES CORRIDOR LINK ROAD.
  - C1 UPGRADE/ RE-ALIGNMENT OF WISES ROAD.
  - C2 WISES ROAD PEDESTRIAN/ CYCLE BRIDGE.
  - D1 UPGRADE/ RE-ALIGNMENT OF STATION ROAD.
  - D2 STATION ROAD PEDESTRIAN/ CYCLE BRIDGE.
  - E UPGRADE/ RE-ALIGNMENT OF LEAMLARA ROAD.
  - F UPGRADE/ RE-ALIGNMENT OF BALLYADAM ROAD.

**LEGEND:**  
 PART 8 SITE BOUNDARY

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**Project Ireland 2040**  
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Rev	Description	By	Date	Chk'd	Auth
A	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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Alkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
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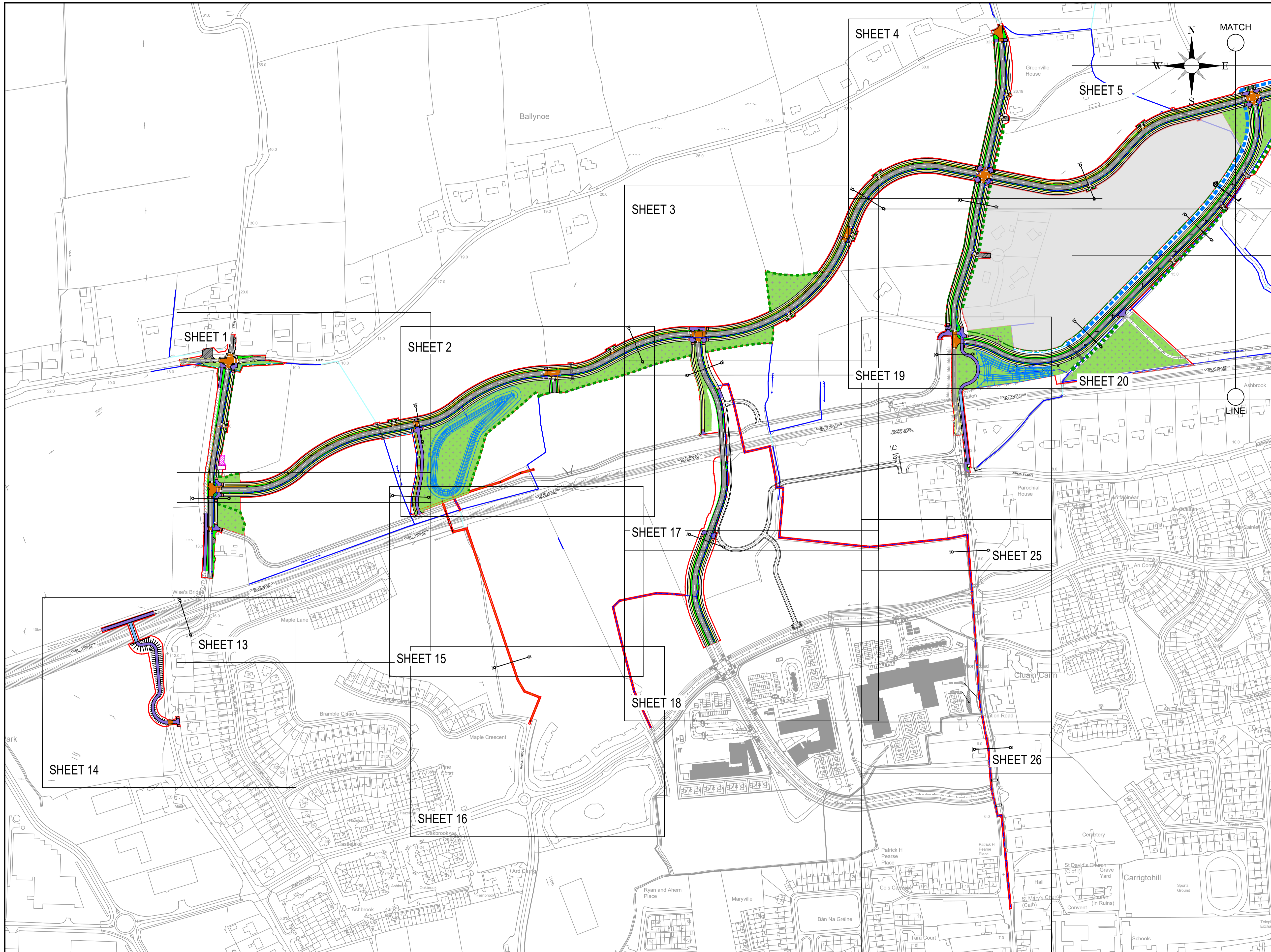
Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose ISSUED FOR PLANNING		Title PROJECT LOCATIONS PLAN			
Original Scale 1:5000	Des/Drawn FMD	Checked JOC	Authorised RAN		
Status P	Drawing Number 5194601 / HTR / DR / 0006	Date 15/03/23	Date 15/03/23	Date 15/03/23	Rev A

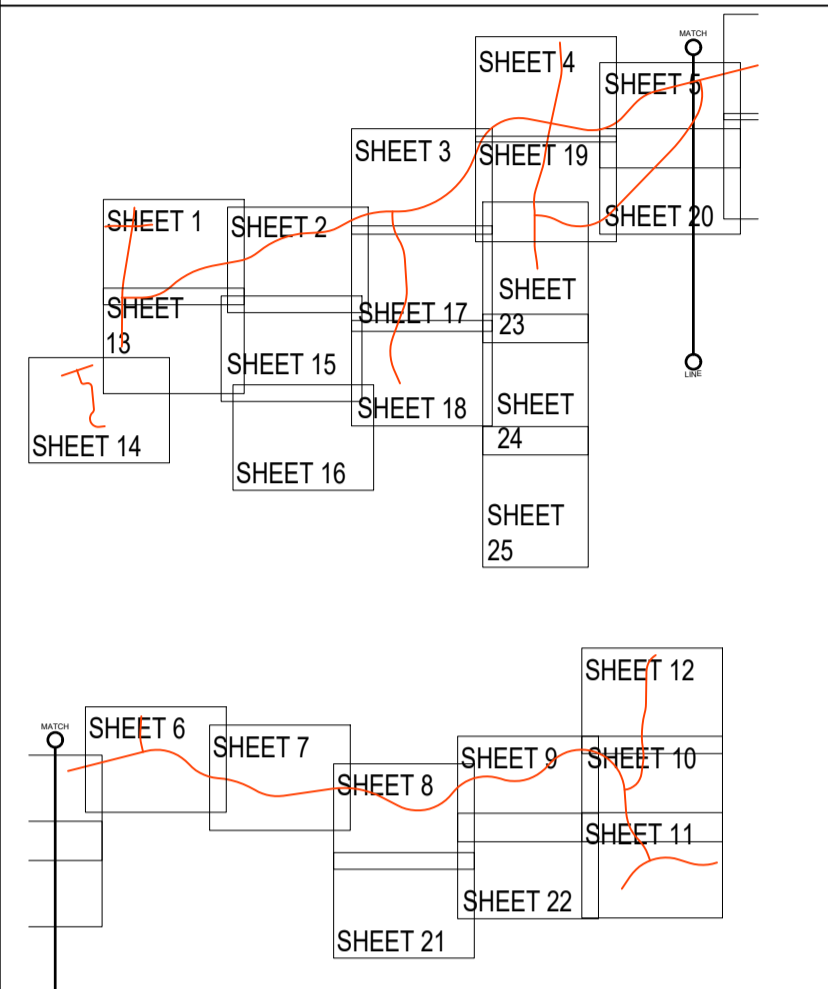
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File: 5194601-HTR\_DR\_0010 to 0036.dwg  
Date: May 16, 2023 - 11:10am  
Plotted by: FMendozaDiaz



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- LEGEND:**
- PART 8 SITE BOUNDARY
  - PROPOSED CARRIAGEWAY
  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
  - PROPOSED DIVERTED WATERCOURSE/ CHANNEL
  - PROPOSED OVERLAND FLOW RELIEF CHANNEL
  - PROPOSED DITCH / WATERCOURSE CROSSING
  - PROPOSED OVERLAND FLOW RELIEF CULVERT
  - PLANNED INTERURBAN CYCLE ROUTE (IU-1) - TO BE DEVELOPED AS PART OF SEPARATE PROJECT
  - EXISTING HEDGE TO BE MAINTAINED
  - PROPOSED HEDGE
  - PROPOSED FOUL SEWER
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN
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Business Park, Swords, Co. Dublin  
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Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose  
ISSUED FOR PLANNING

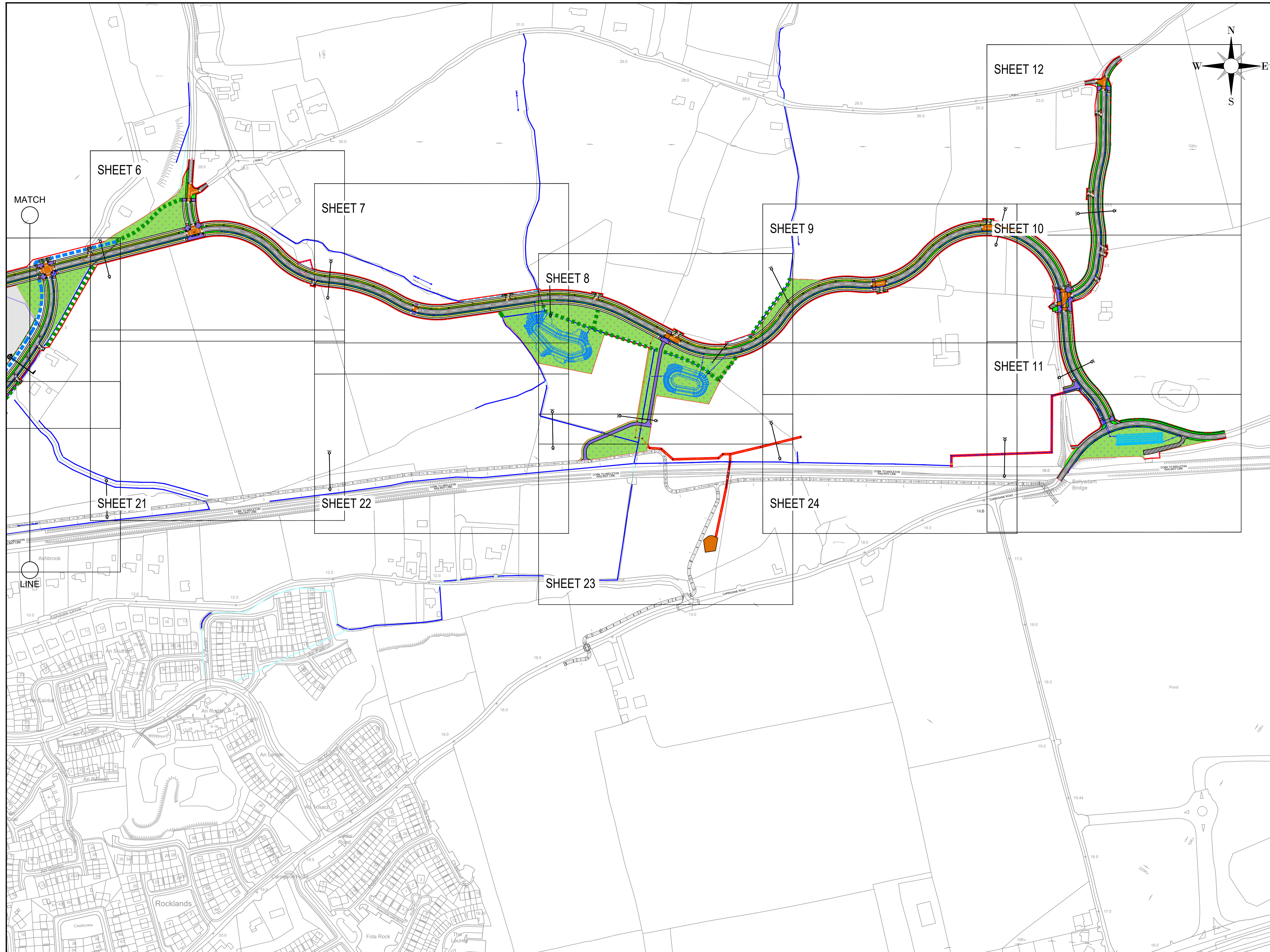
Title  
**CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE KEY PLAN SHEET 1 OF 2**

Original Scale	1:2500	Des/Drawn	FMD	Checked	JOC	Authorised	RAN
Date	23/03/23	Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0010	Rev			D

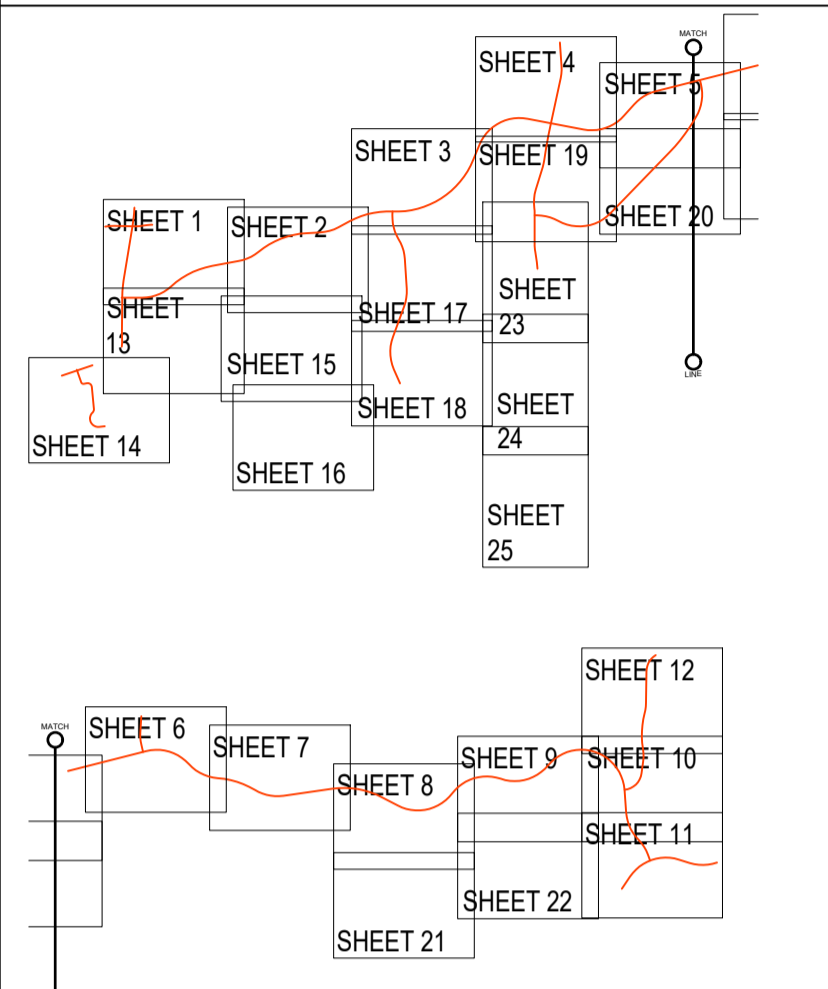


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DO NOT SCALE



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  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION



KEY PLAN

- LEGEND:**
- PART 8 SITE BOUNDARY
  - PROPOSED CARRIAGEWAY
  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
  - PROPOSED DIVERTED WATERCOURSE/ CHANNEL
  - PROPOSED OVERLAND FLOW RELIEF CHANNEL
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  - PLANNED INTERURBAN CYCLE ROUTE (IU-1) - TO BE DEVELOPED AS PART OF SEPARATE PROJECT
  - EXISTING HEDGE TO BE MAINTAINED
  - PROPOSED HEDGE
  - PROPOSED FOUL SEWER
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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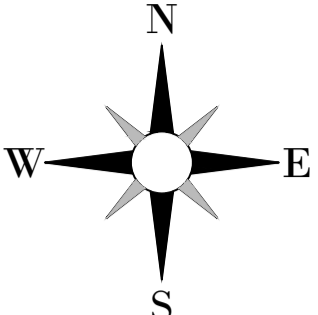
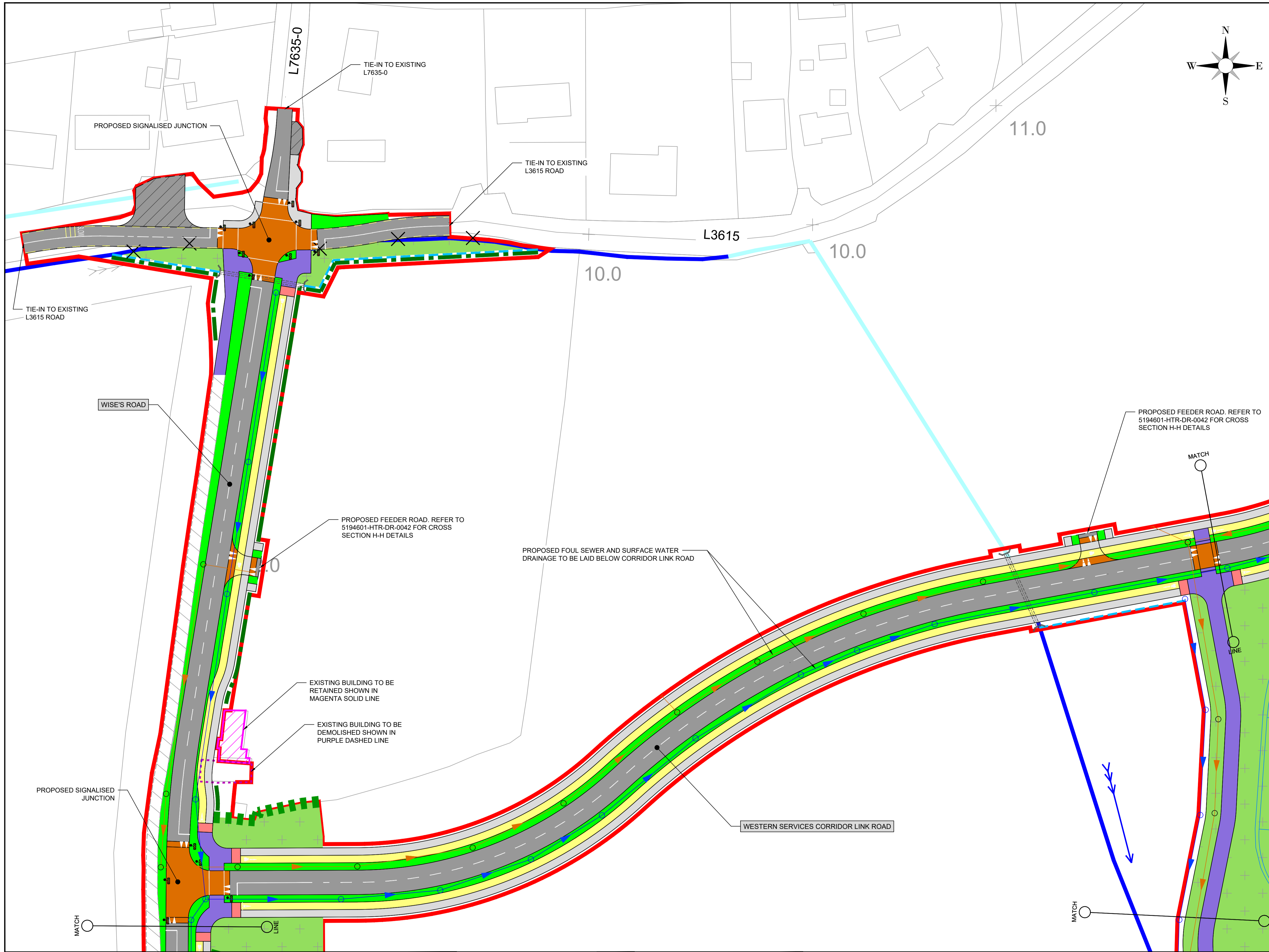
Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE KEY PLAN SHEET 2 OF 2				
Original Scale	1:2500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0011	Authorised	RAN
Rev					D

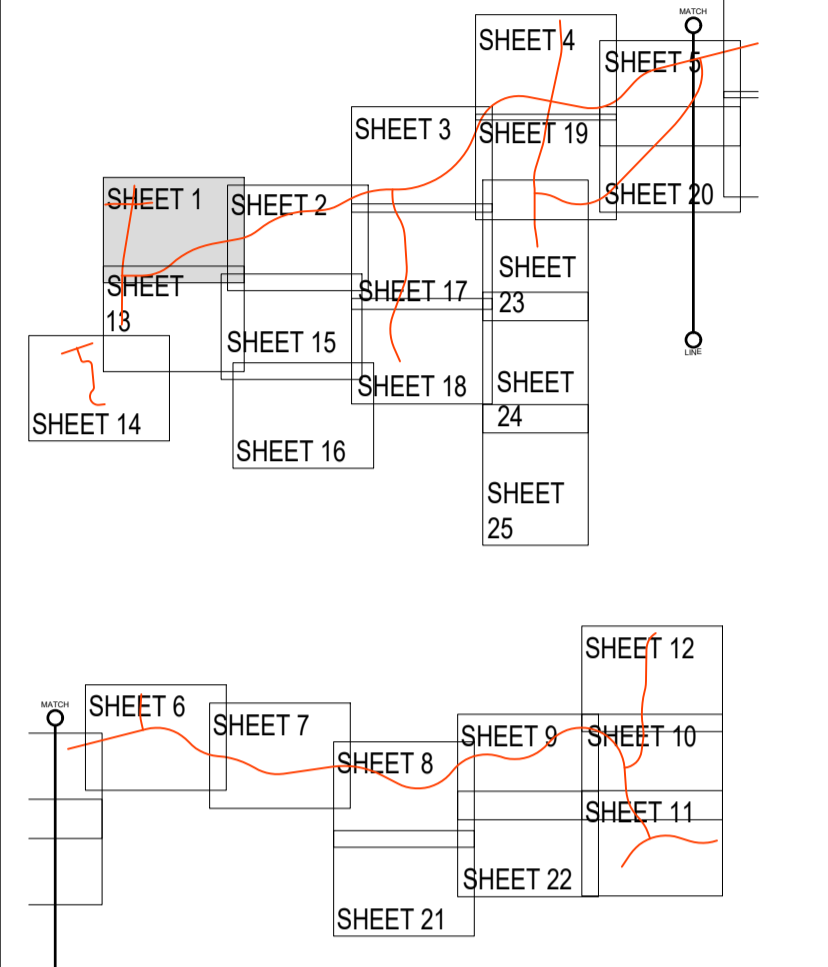
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Date: May 16, 2023 - 11:11am  
Plotted by: F.MendozaDiaz



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KEY PLAN

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  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
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  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
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A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JO'C	RAN

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**CORK COUNTY COUNCIL**

Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose  
**ISSUED FOR PLANNING**

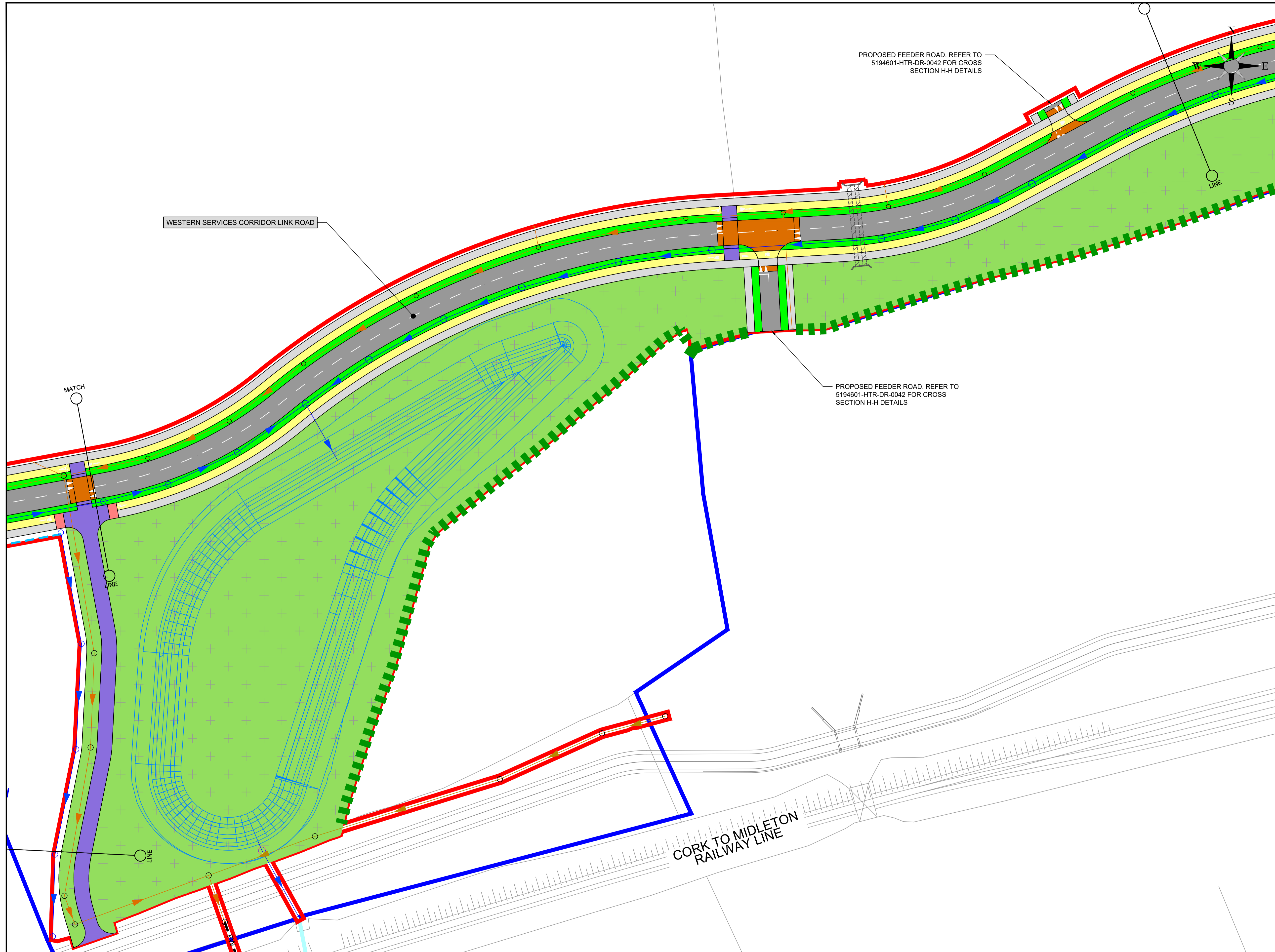
Title  
**CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE**

SHEET 1 OF 25

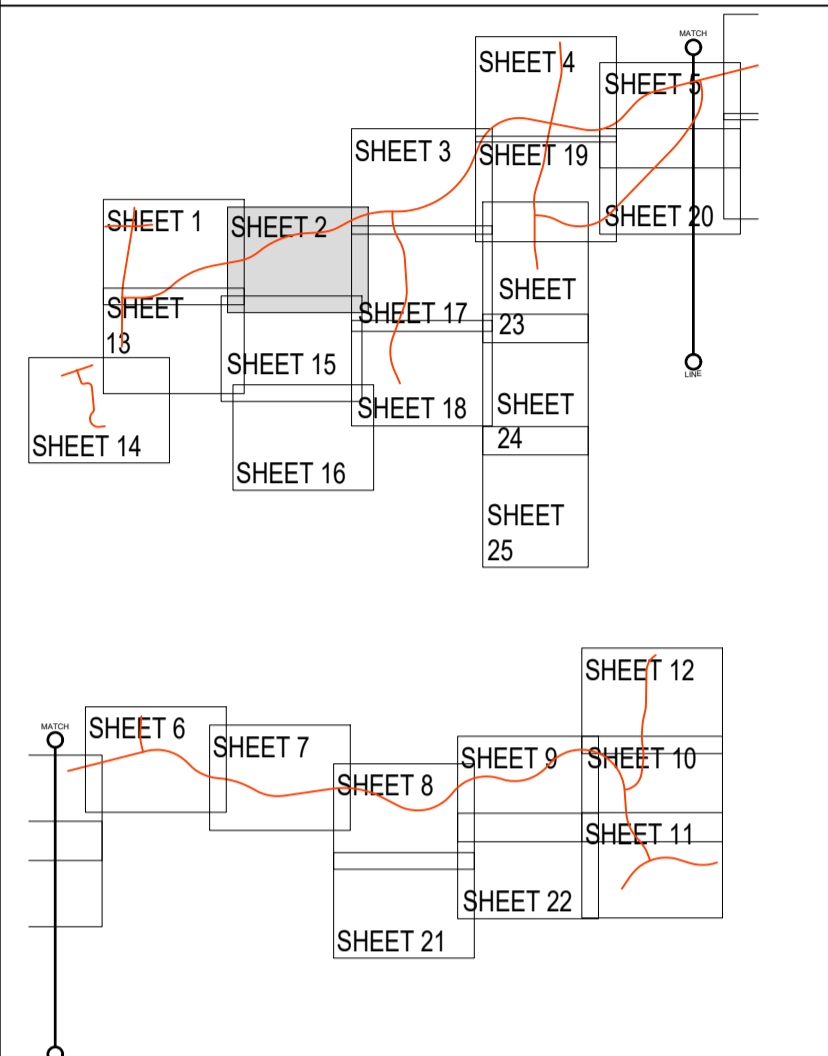
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Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	Drawing Number			Rev	
P	5194601-HTR-DR-0012			D	

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-	ISSUED FOR REVIEW	FMD	03/23	JO'C	RAN

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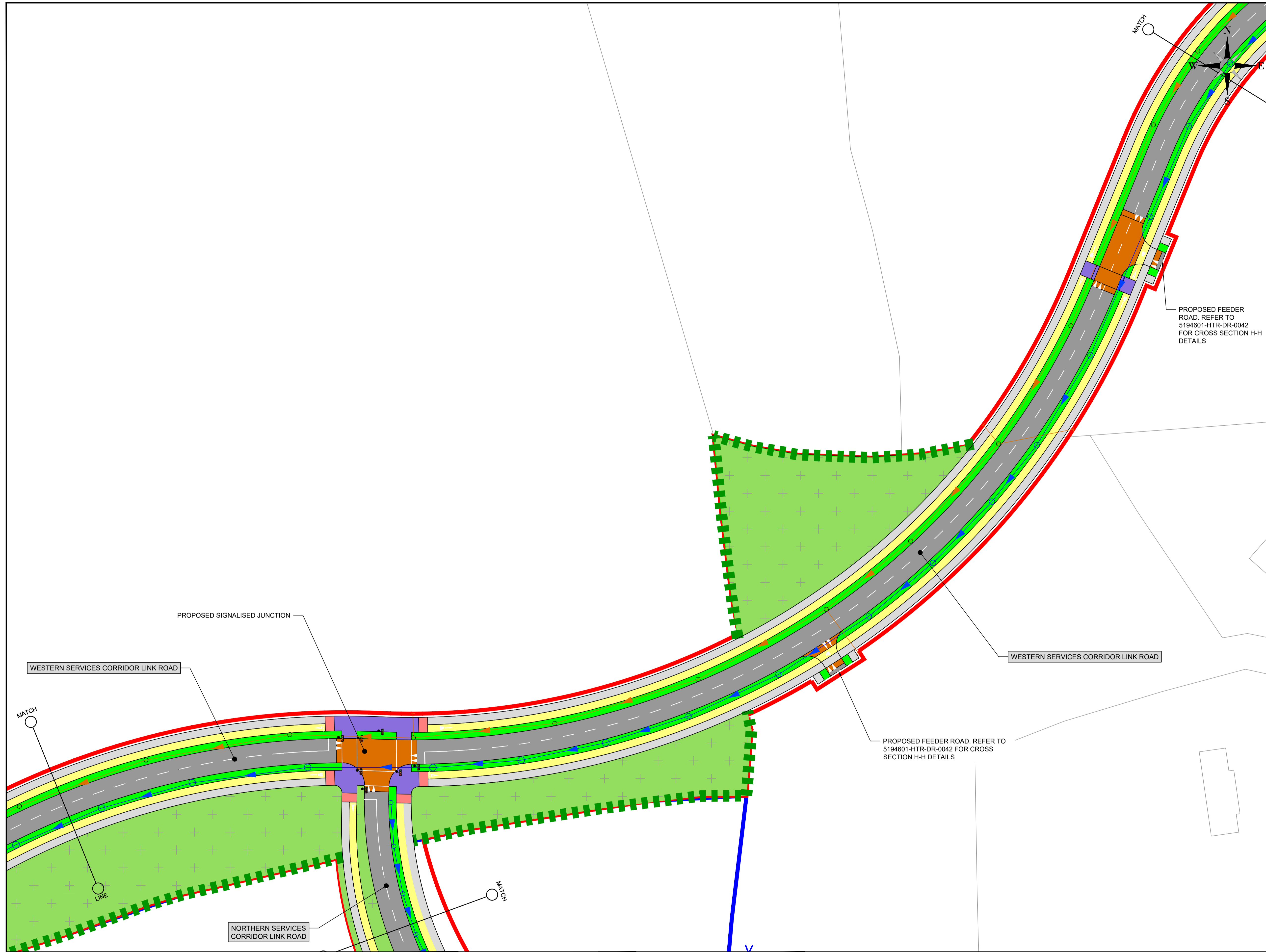
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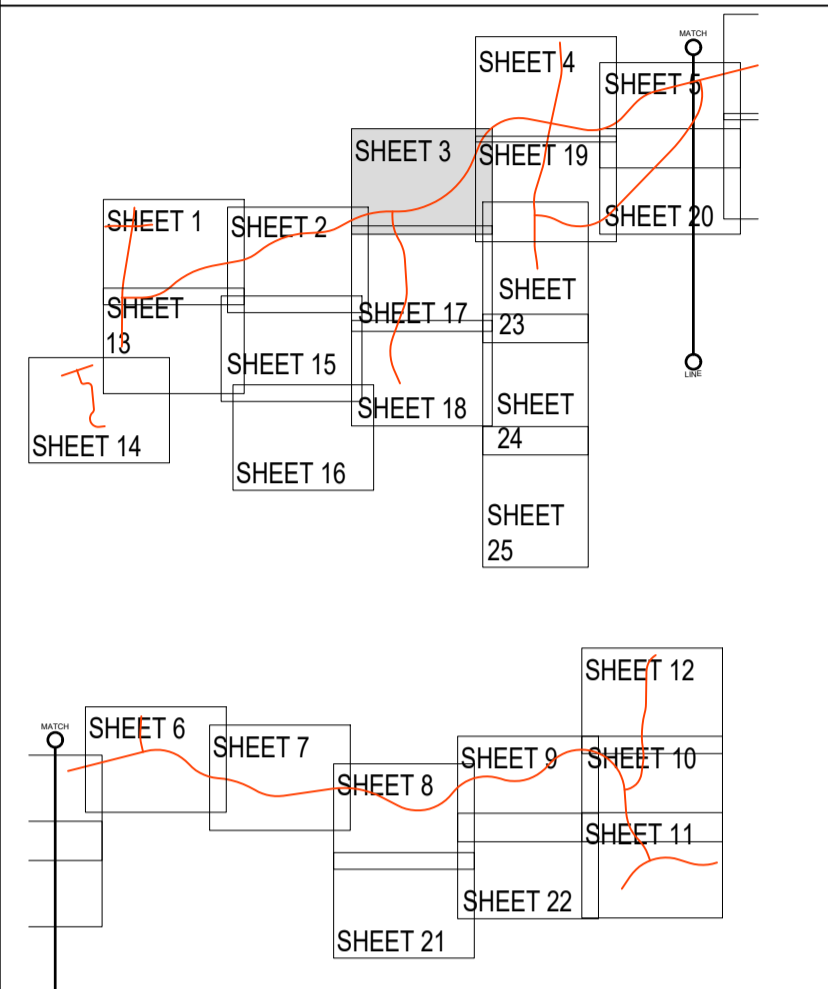
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Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 2 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JO'C
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0013	Rev	D



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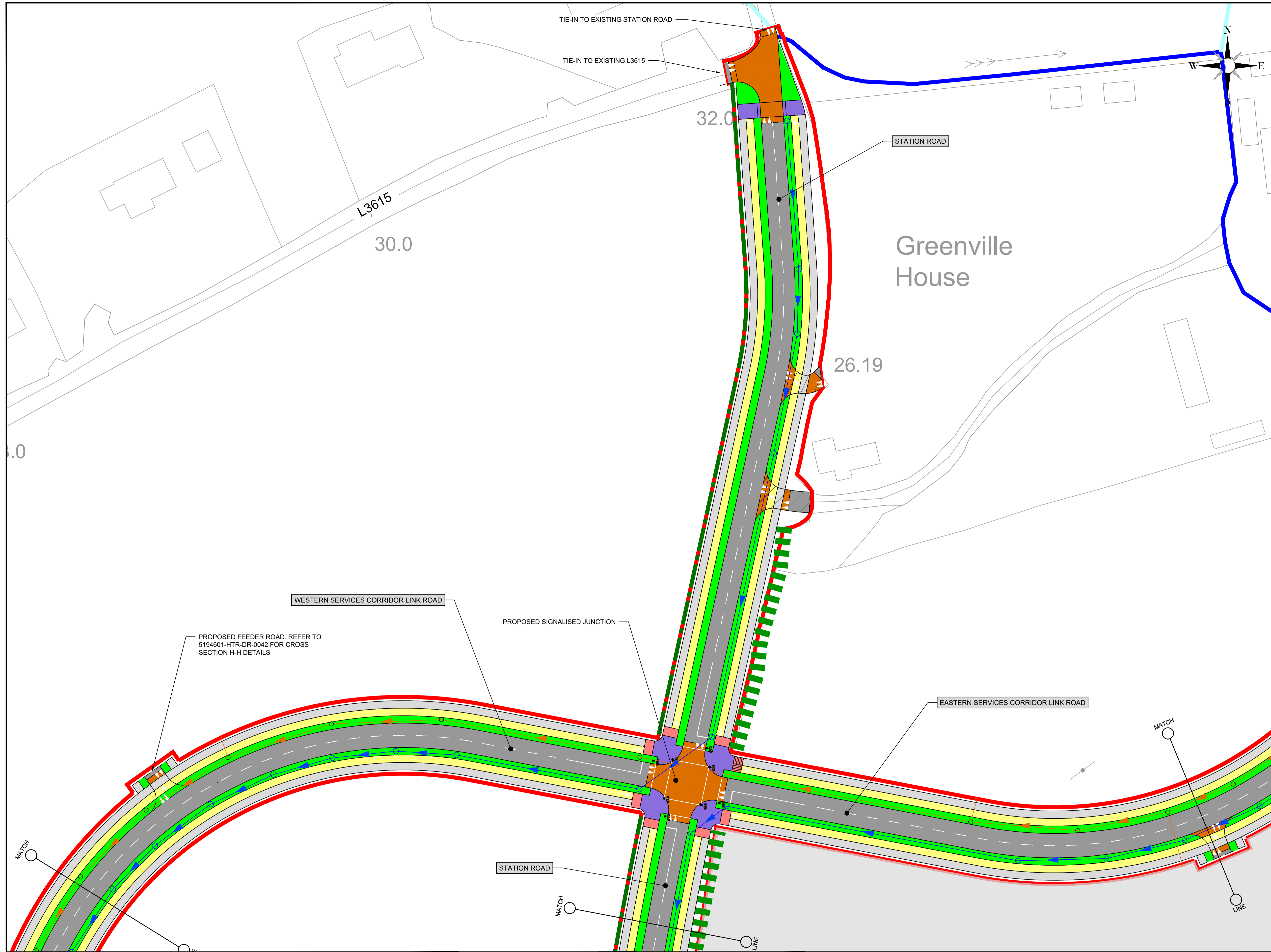
Clients  
**CORK COUNTY COUNCIL**

Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

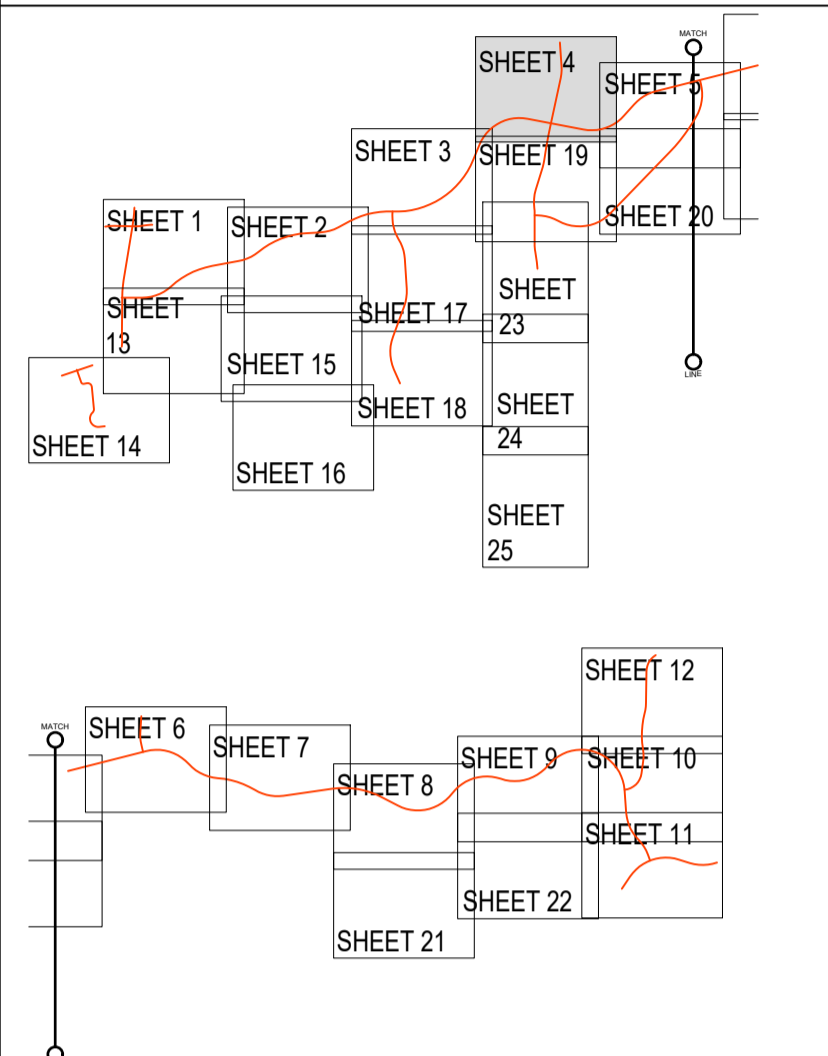
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Title	<b>CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE</b>				
	SHEET 3 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0014	Rev	D

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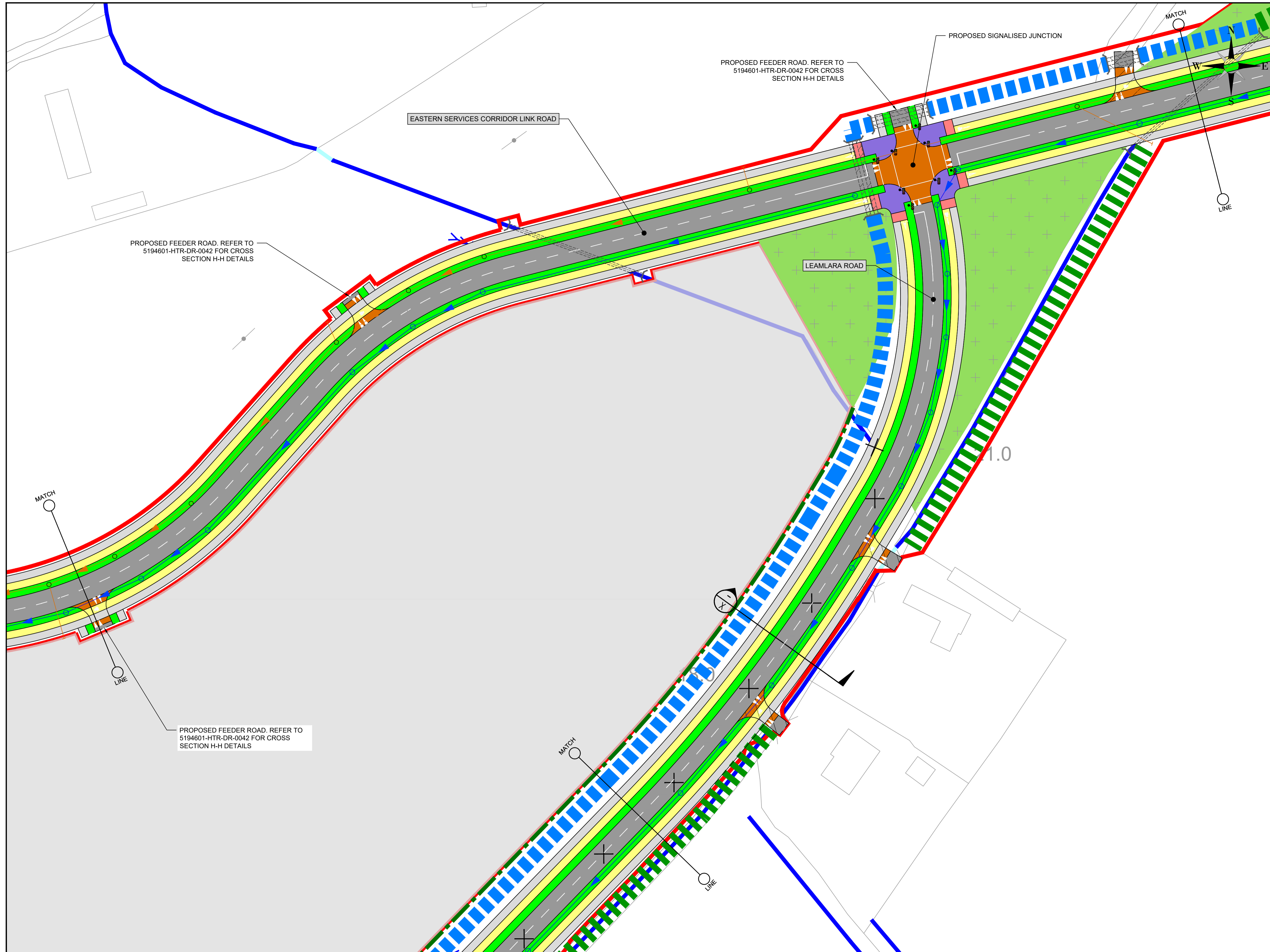
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 4 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JO'C
Date	23/03/23	Date	23/03/23	Date	23/03/23
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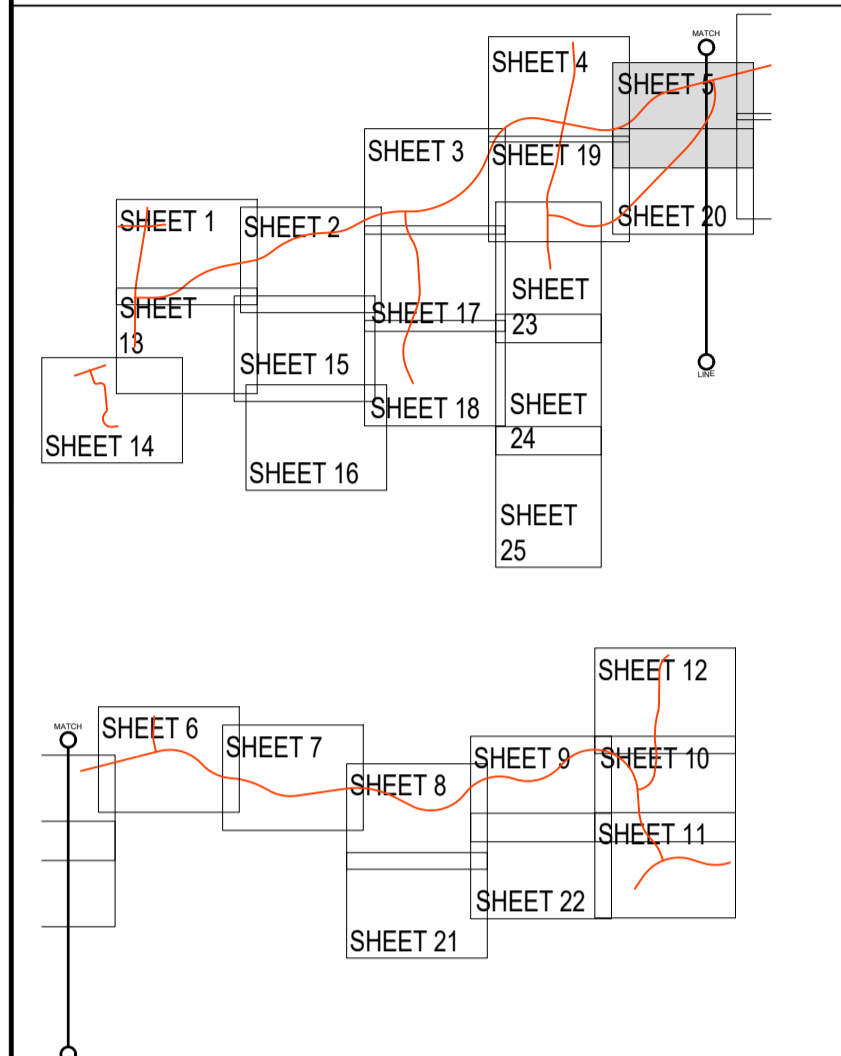
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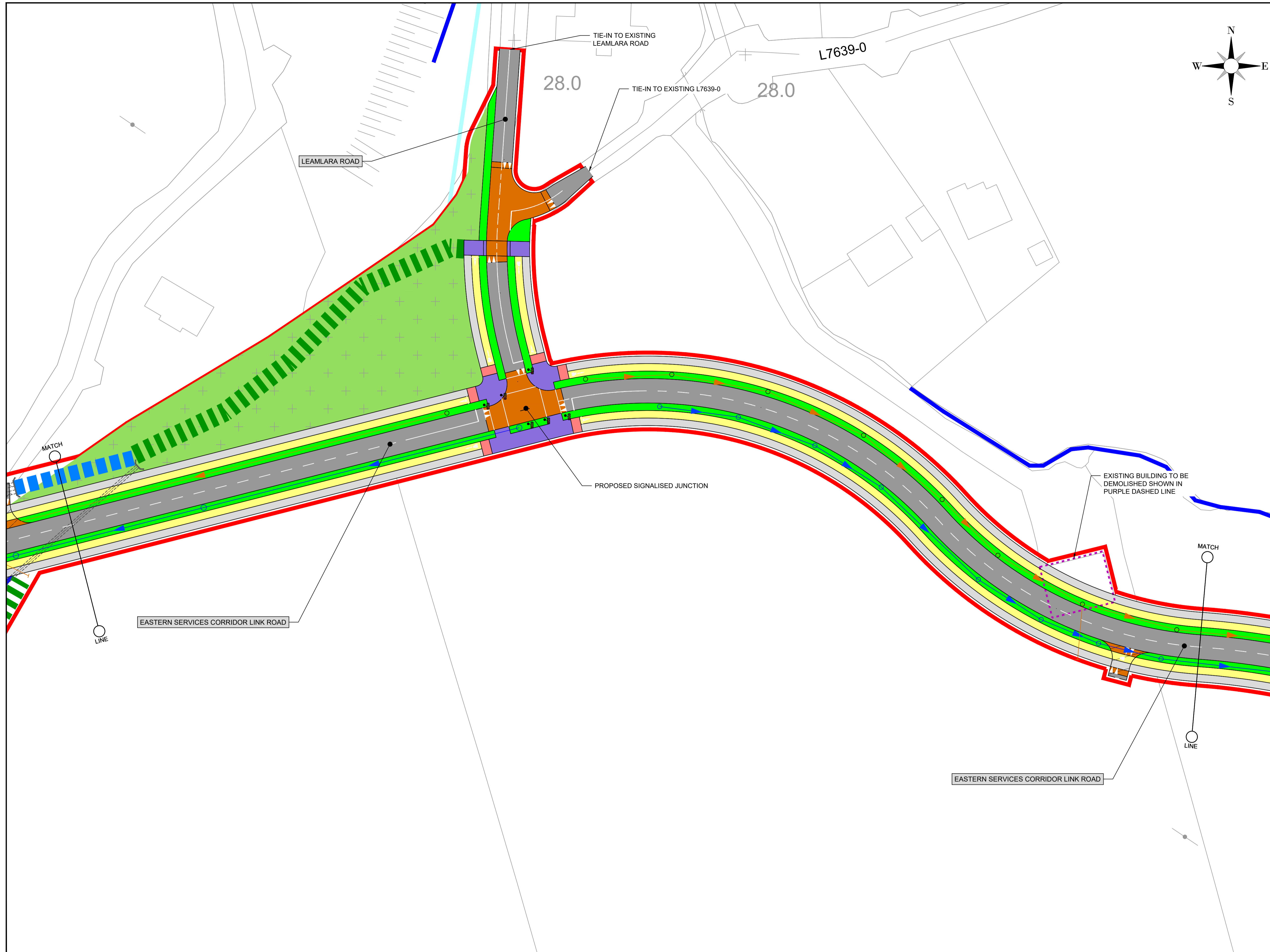
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Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE SHEET 5 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
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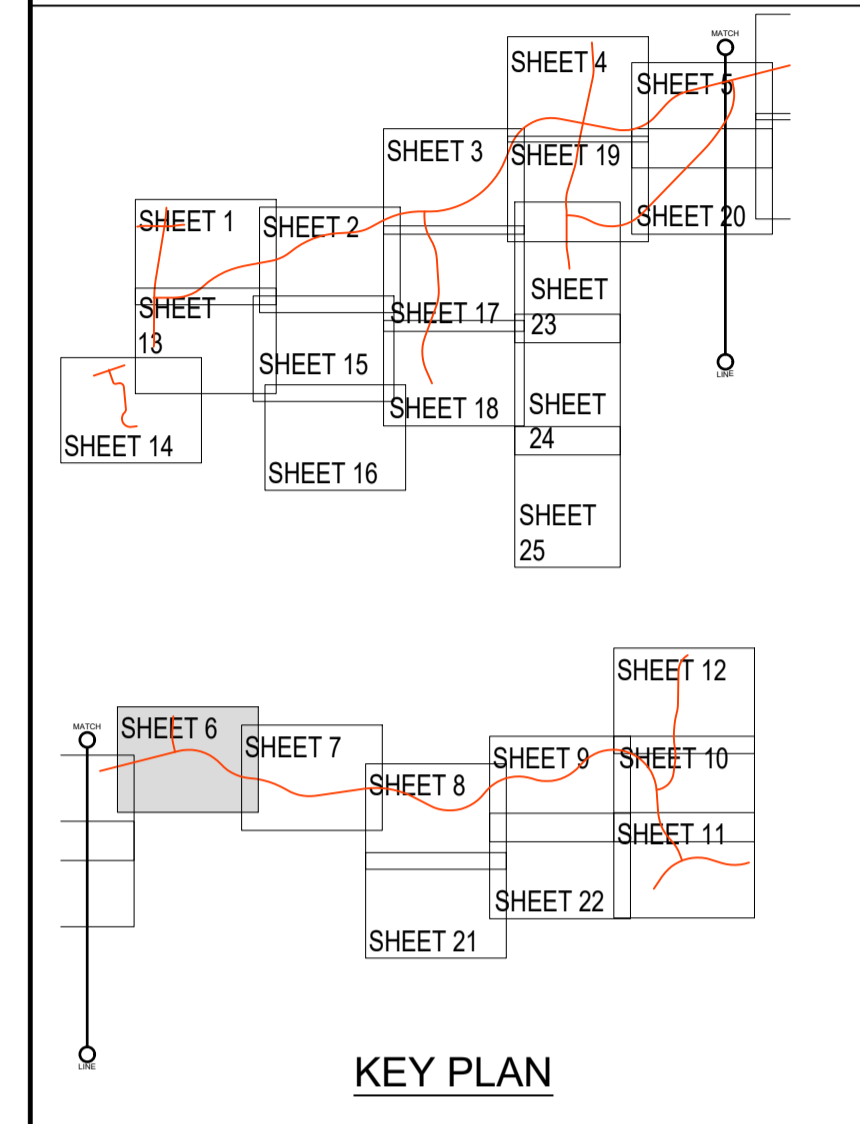
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  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
  - PROPOSED DIVERTED WATERCOURSE/ CHANNEL
  - PROPOSED OVERLAND FLOW RELIEF CHANNEL
  - PROPOSED DITCH / WATERCOURSE CROSSING
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  - PLANNED INTERURBAN CYCLE ROUTE (IU-1) - TO BE DEVELOPED AS PART OF SEPARATE PROJECT
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  - PROPOSED FOUL SEWER
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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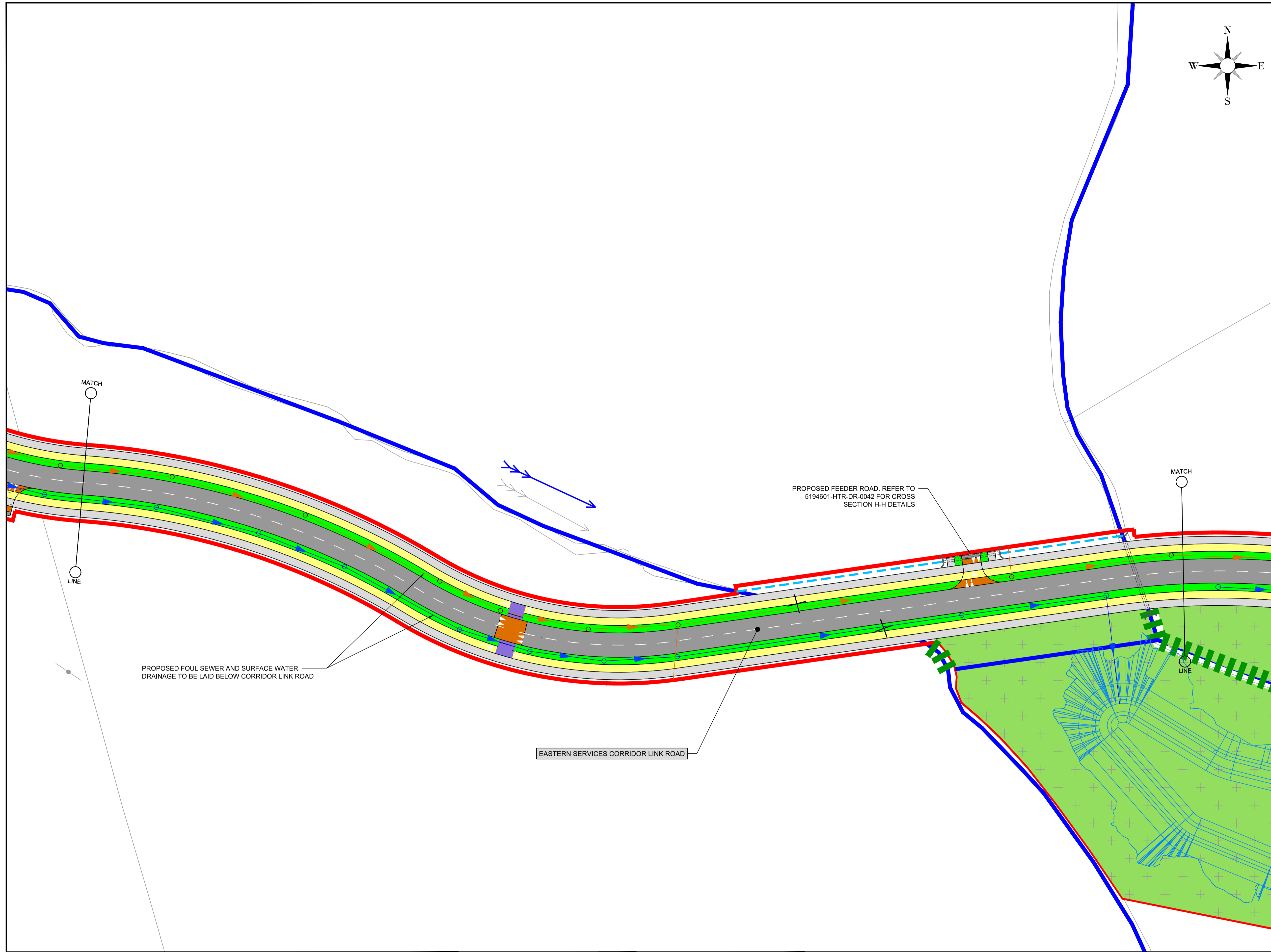
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 6 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0017	Rev	D

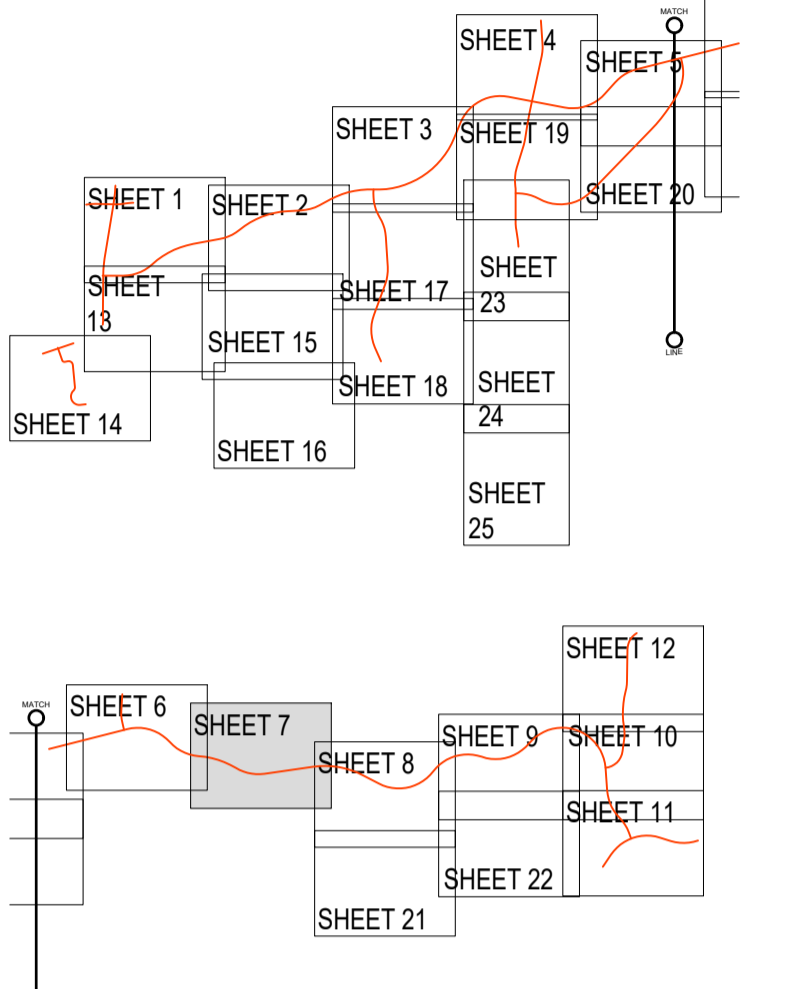
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Date: May 16, 2023 - 11:13am  
Plotted by: F.MendozaDiaz



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KEY PLAN

- LEGEND:**
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  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JO'C	RAN

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Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

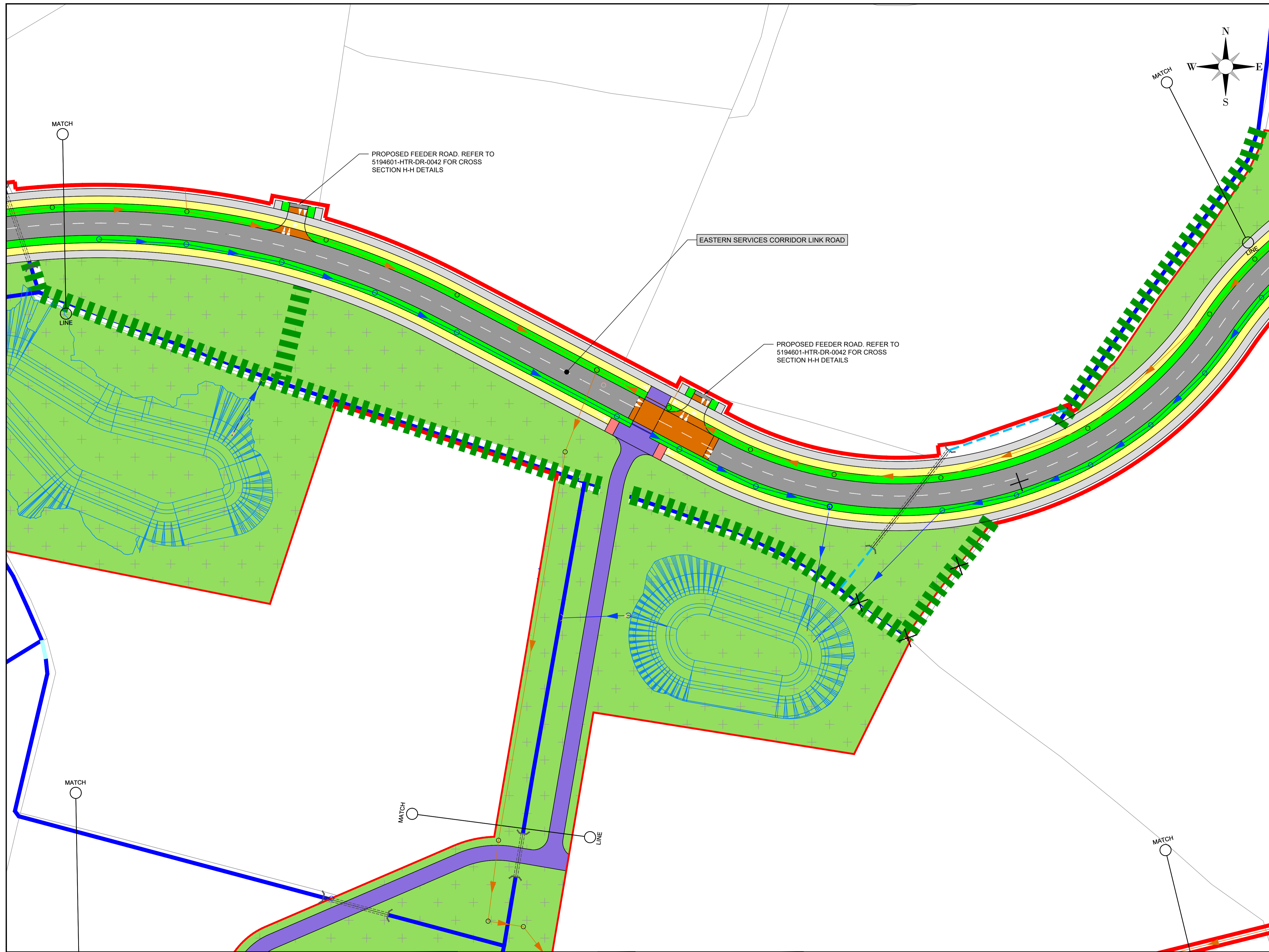
Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 7 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JO'C
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0018	Rev	D



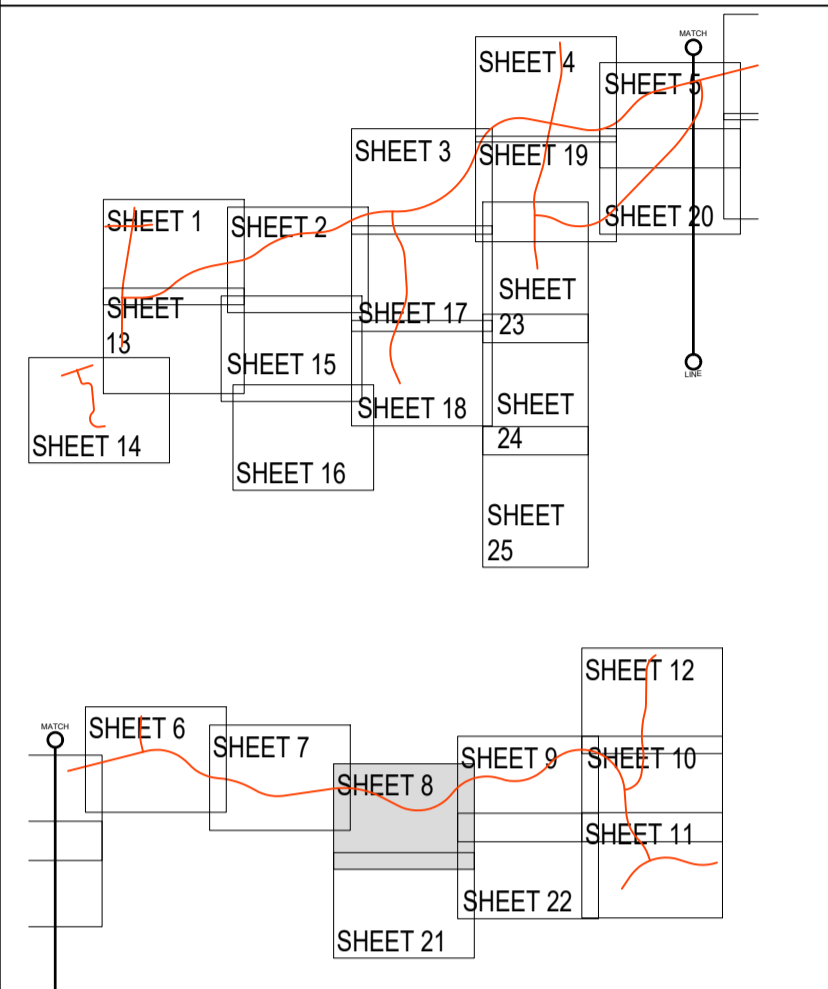
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Date: May 16, 2023 - 11:13am  
Plotted by: FMendozaDiaz



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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JO'C	RAN

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Clients  
**CORK COUNTY COUNCIL**

Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose: ISSUED FOR PLANNING

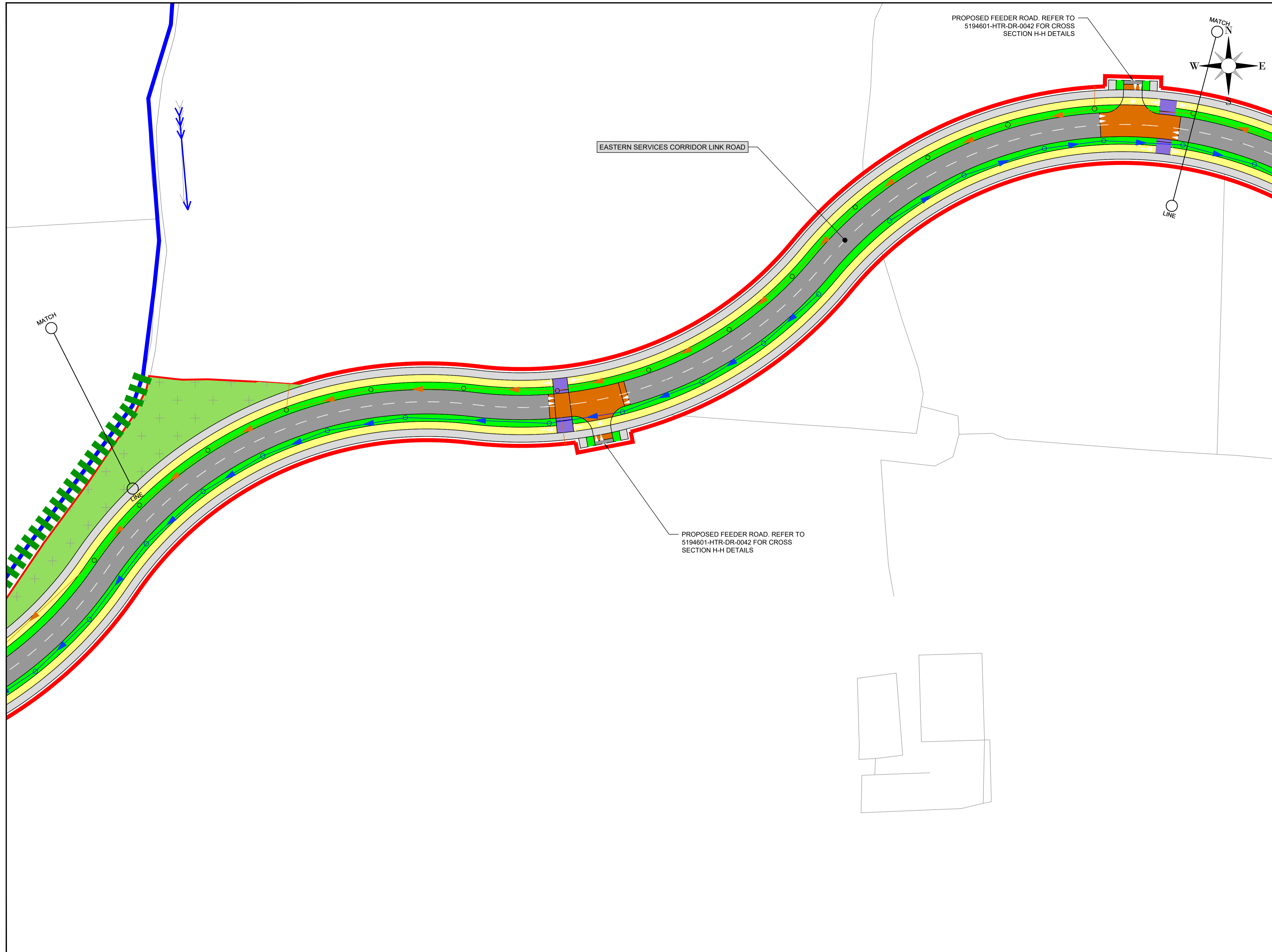
Title: **CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE**  
SHEET 8 OF 25

Original Scale	Des/Drawn	Checked	JO'C	Authorised	RAN
1:500	FMD				
Status	Drawing Number	Date	Date	Date	Rev
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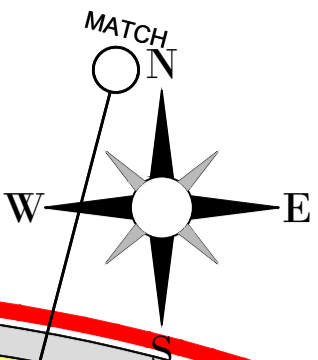
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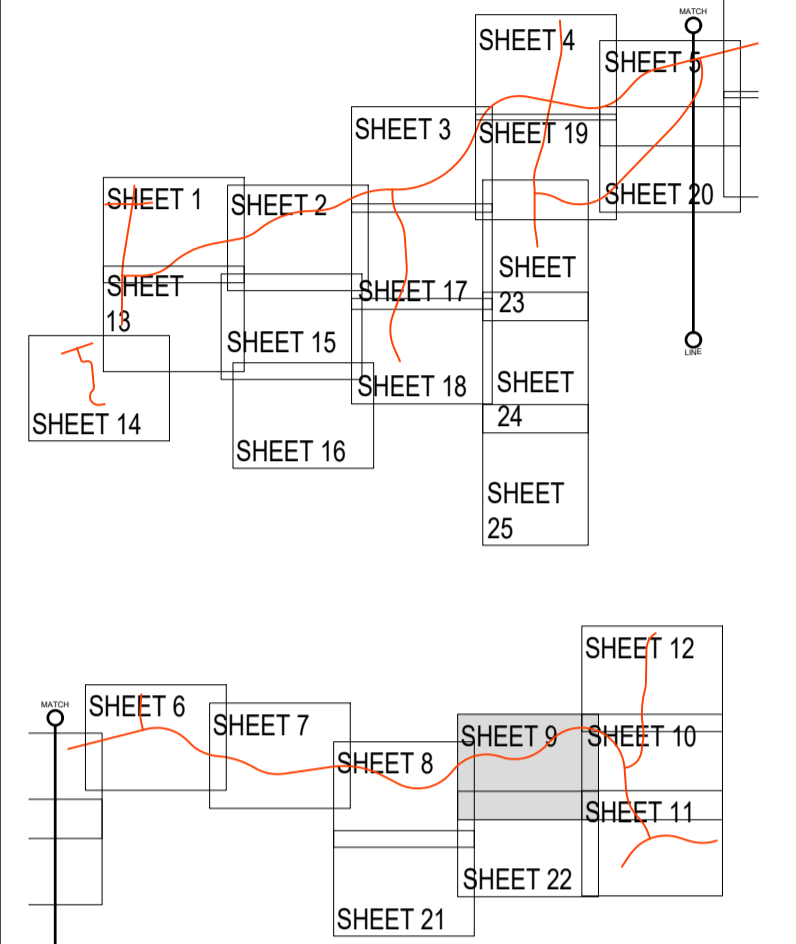
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EASTERN SERVICES CORRIDOR LINK ROAD

PROPOSED FEEDER ROAD. REFER TO 5194601-HTR-DR-0042 FOR CROSS SECTION H-H DETAILS



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KEY PLAN

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  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE SHEET 9 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JO'C
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0020	Rev	D

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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JO'C	RAN



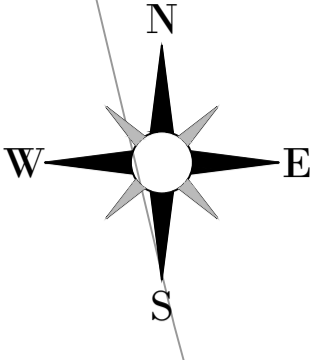
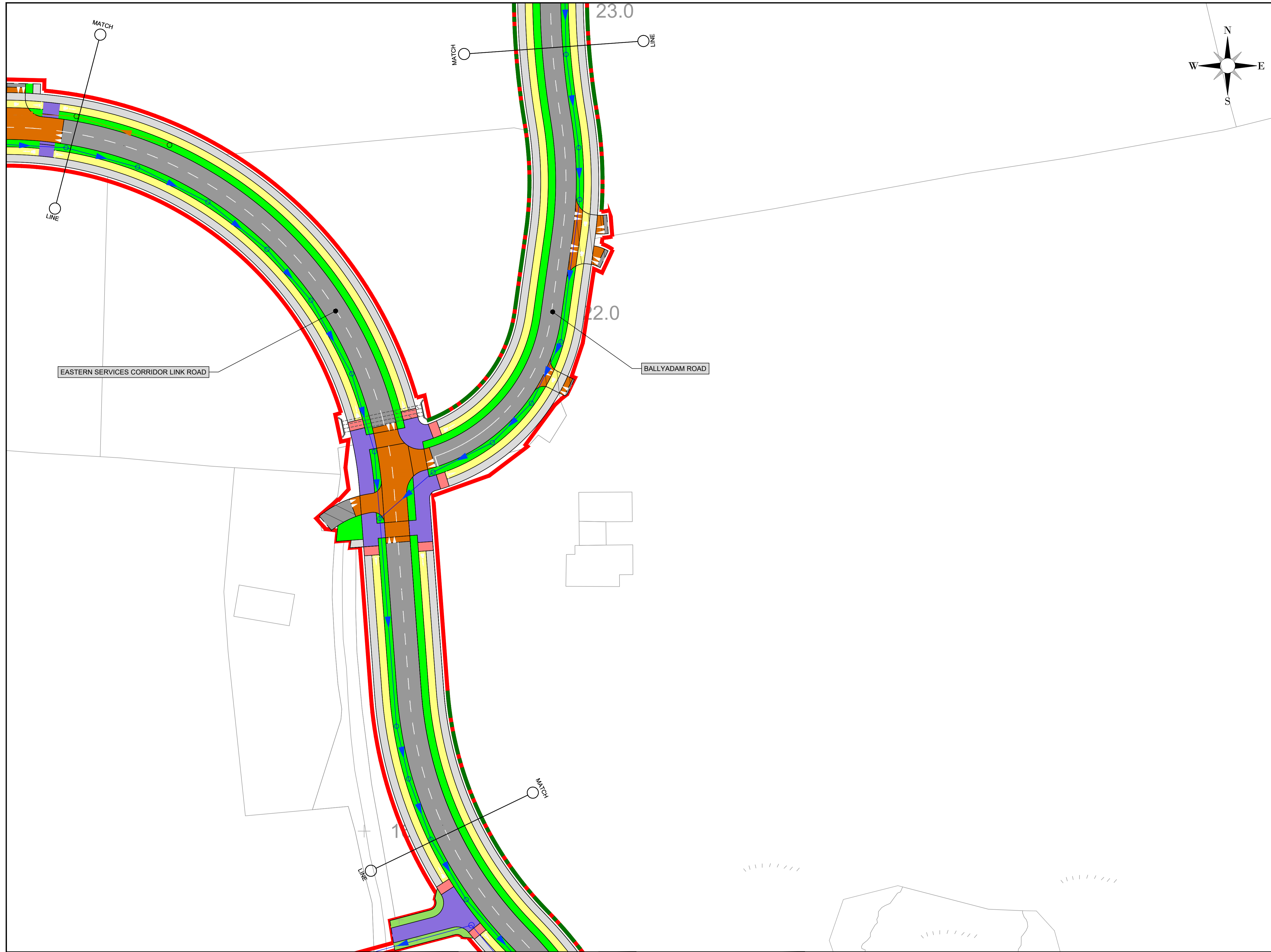
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Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

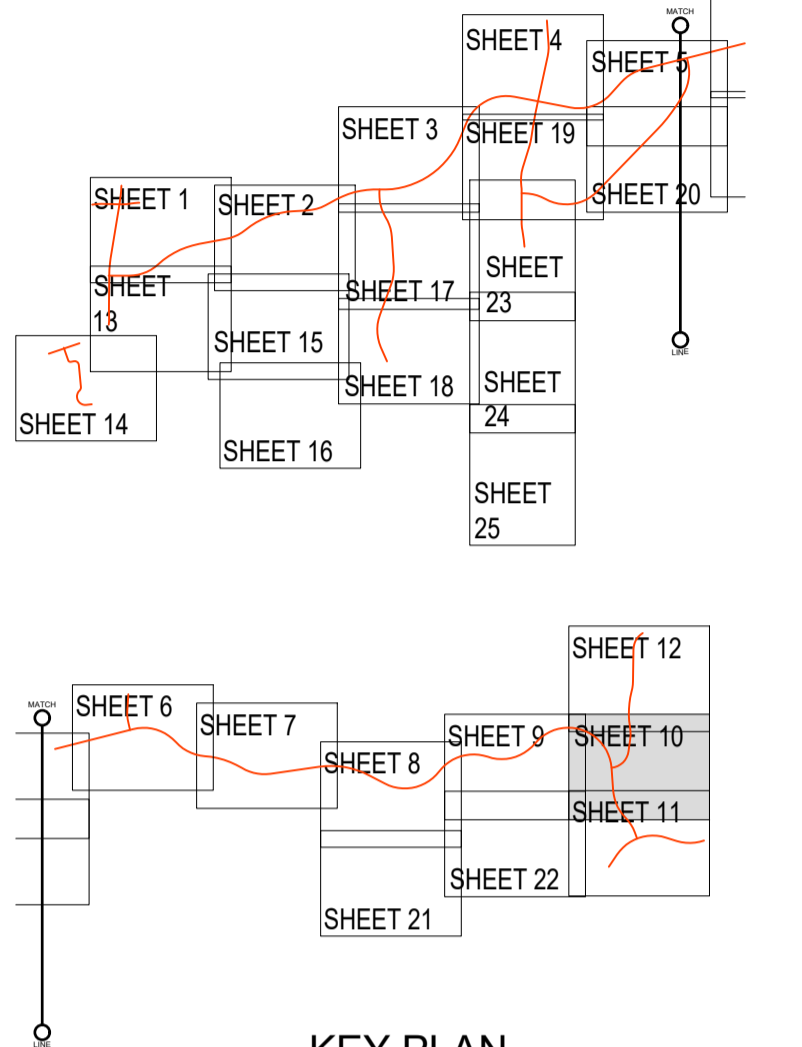
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Date: May 16, 2023 - 11:14am  
Plotted by: F.MendozaDiaz



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**Project Ireland 2040**  
Building Ireland's Future

Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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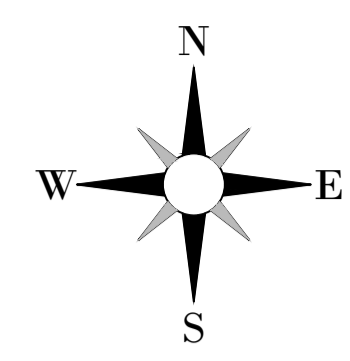
Clients	CORK COUNTY COUNCIL				
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE				

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 10 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
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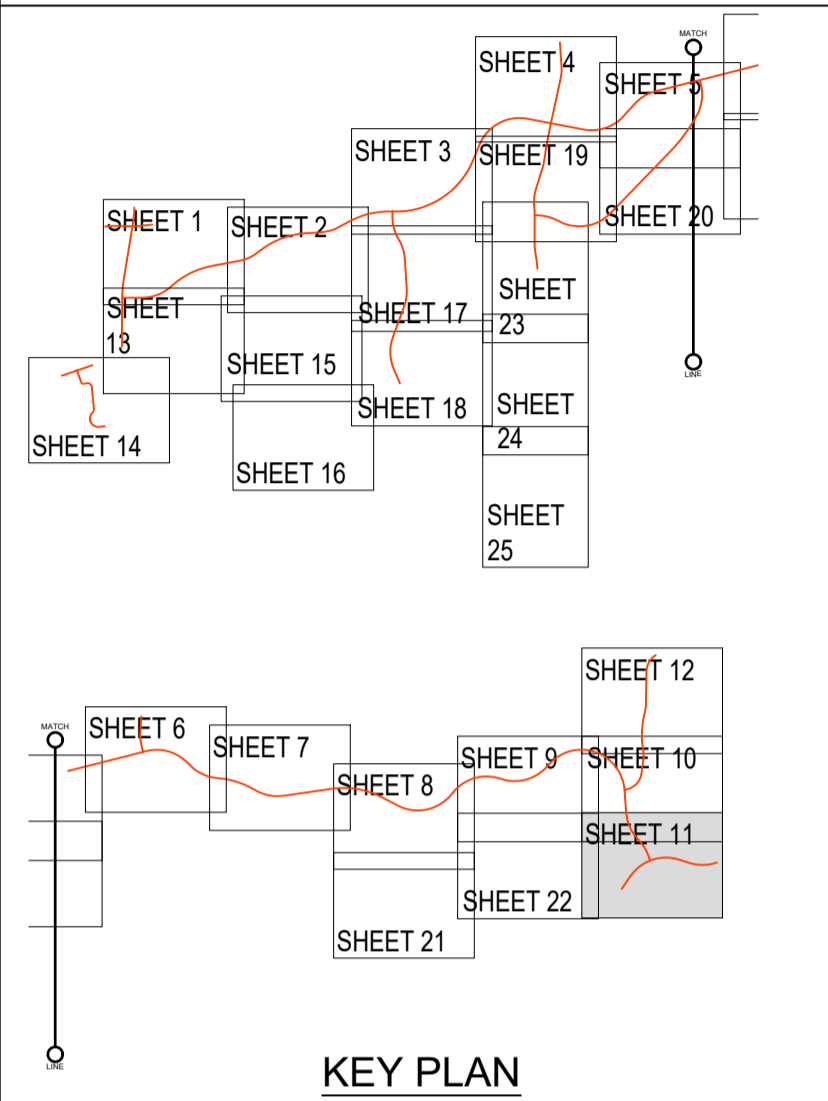
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Date: May 16, 2023 - 11:14am  
Plotted by: F.MendozaDiaz



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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
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A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JO'C	RAN

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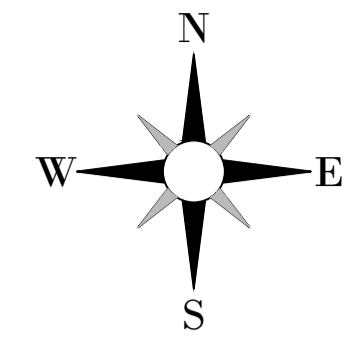
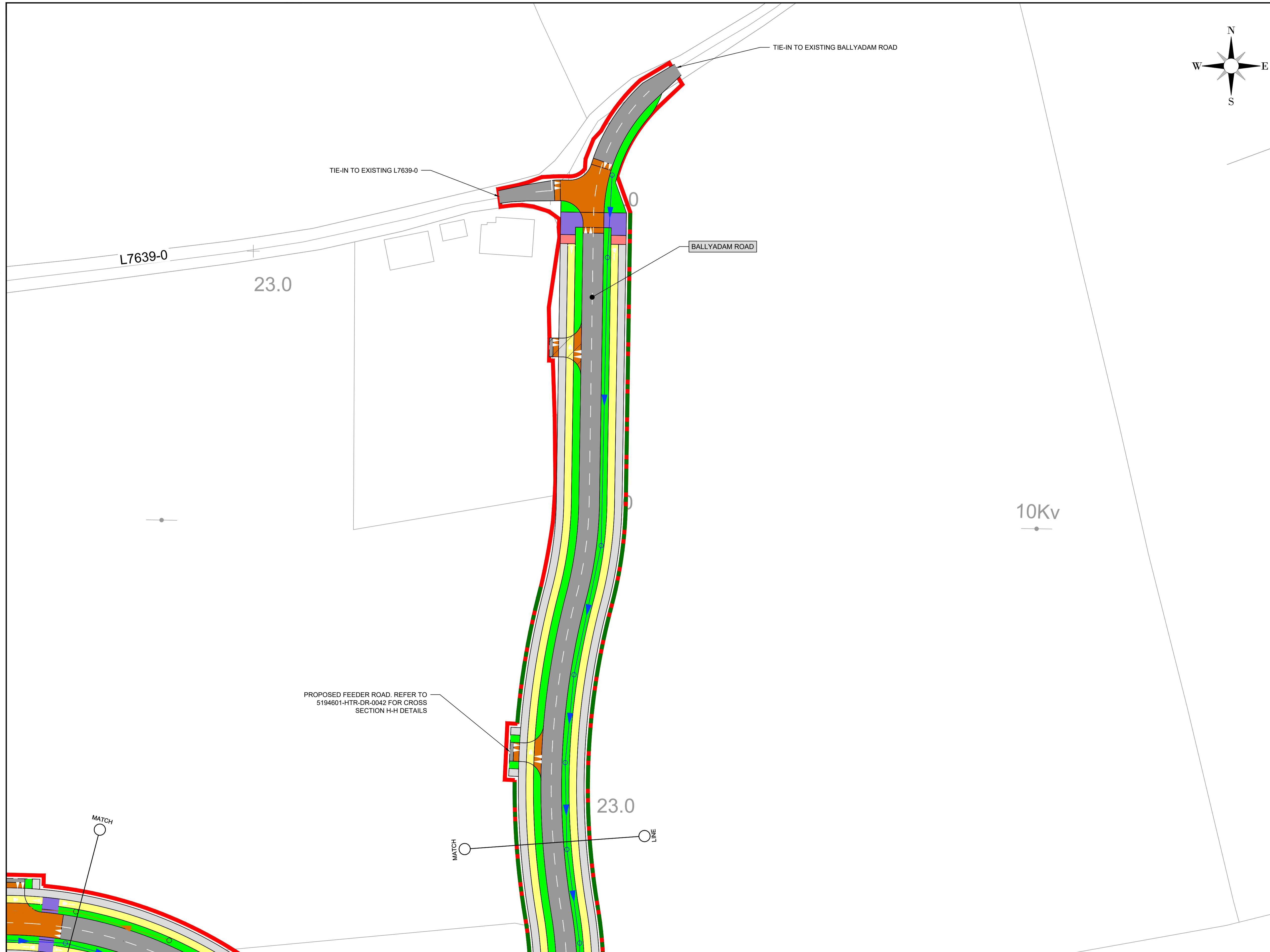
Clients	CORK COUNTY COUNCIL				
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE				

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 11 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JO'C
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0022	Rev	D

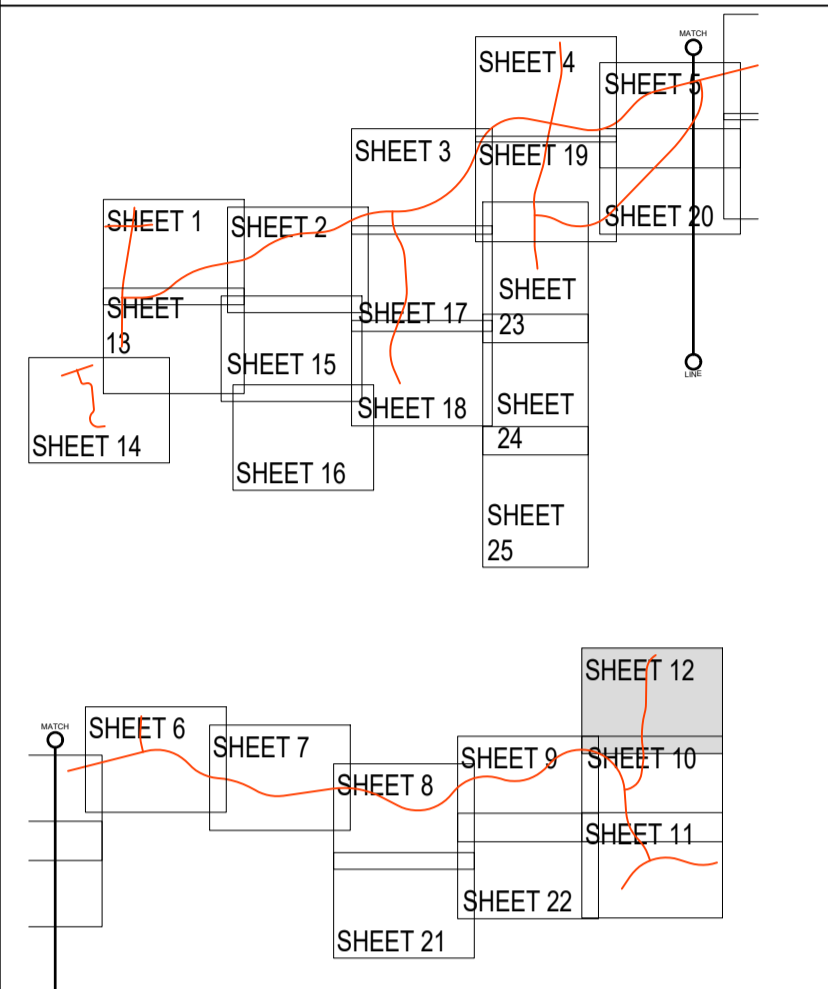
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Date: May 16, 2023 - 11:14am  
Plotted by: F.MendozaDiaz



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KEY PLAN

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  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
  - PROPOSED DIVERTED WATERCOURSE/ CHANNEL
  - PROPOSED OVERLAND FLOW RELIEF CHANNEL
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  - PLANNED INTERURBAN CYCLE ROUTE (IU-1) - TO BE DEVELOPED AS PART OF SEPARATE PROJECT
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  - PROPOSED HEDGE
  - PROPOSED FOUL SEWER
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JO'	RAN

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Member of the SNC-Lavalin Group

Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
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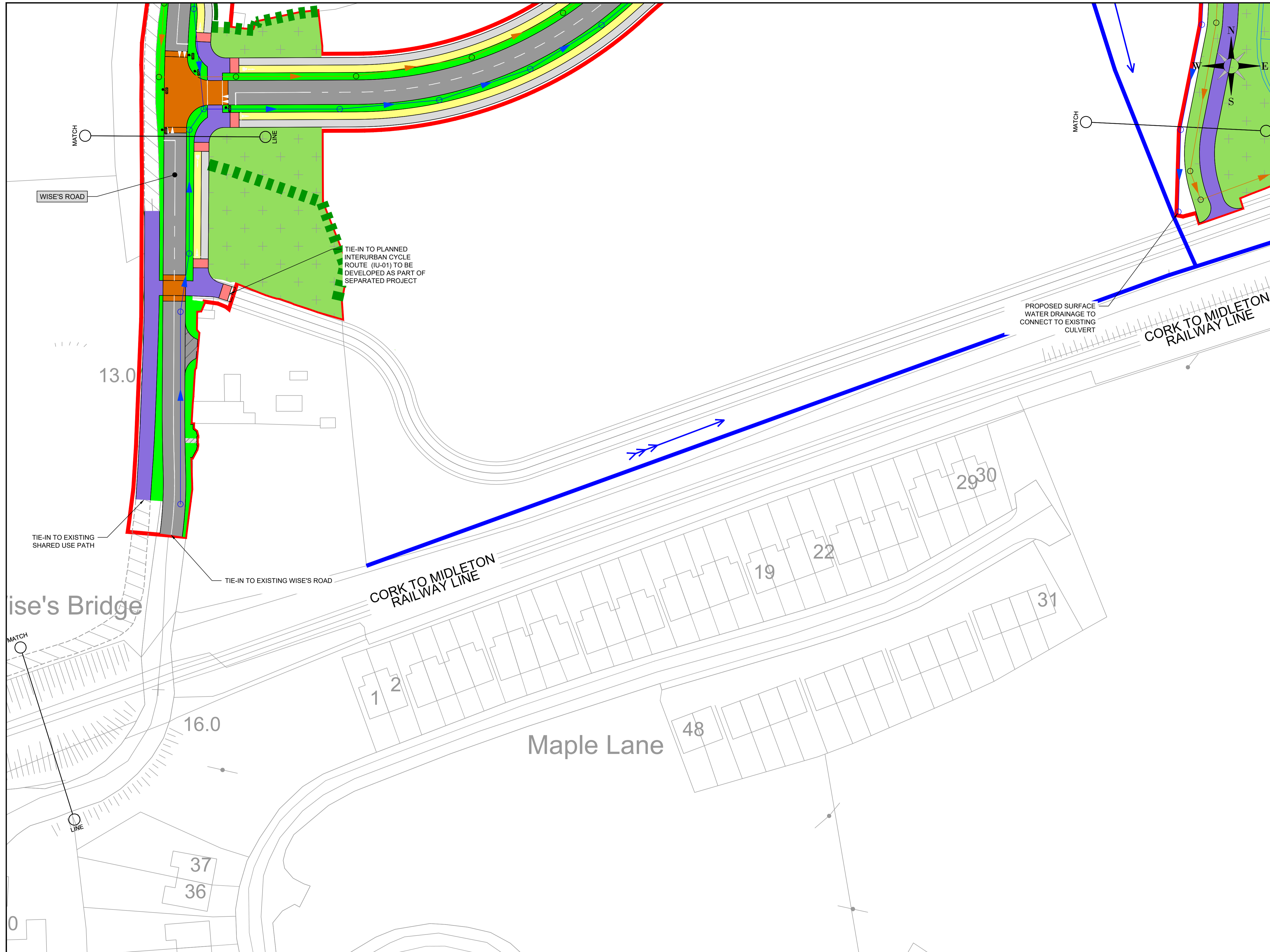
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 12 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JO'C
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0023	Rev	D

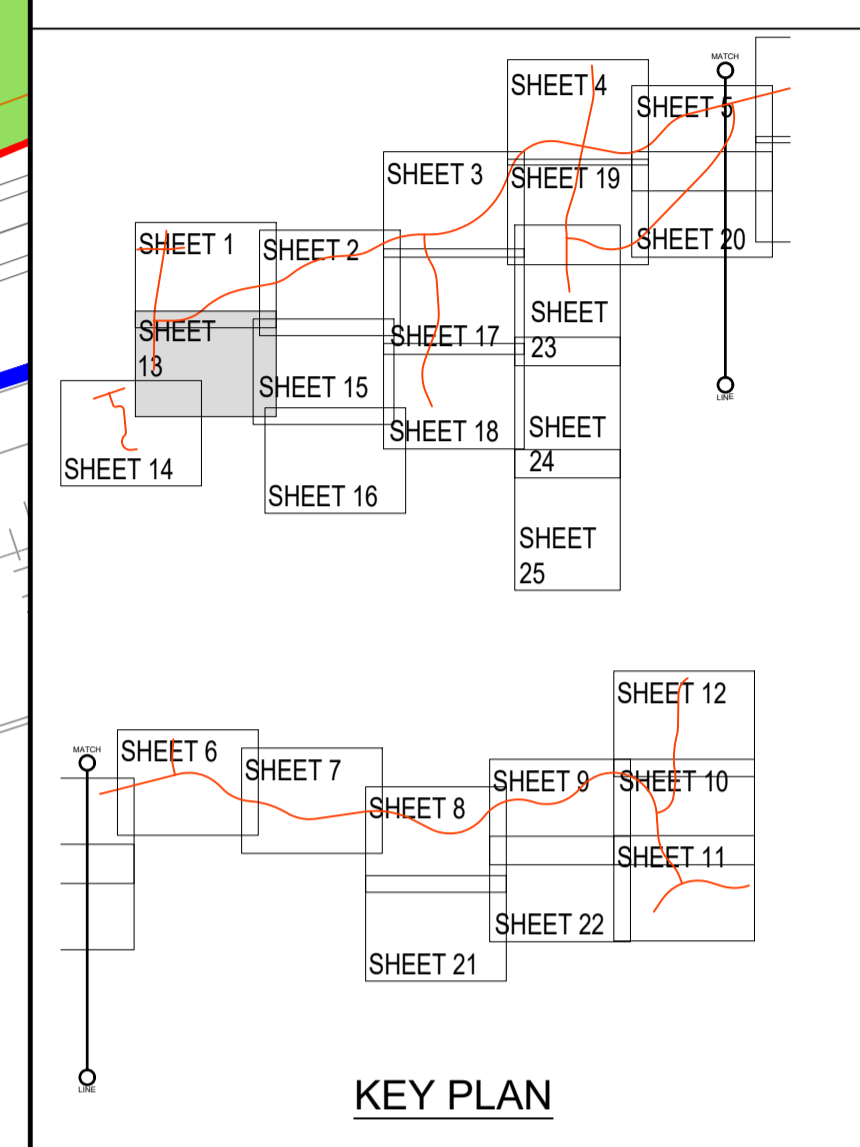
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DO NOT SCALE

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Date: May 16, 2023 - 11:14am  
Plotted by: F.MendozaDiaz



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  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
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B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
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-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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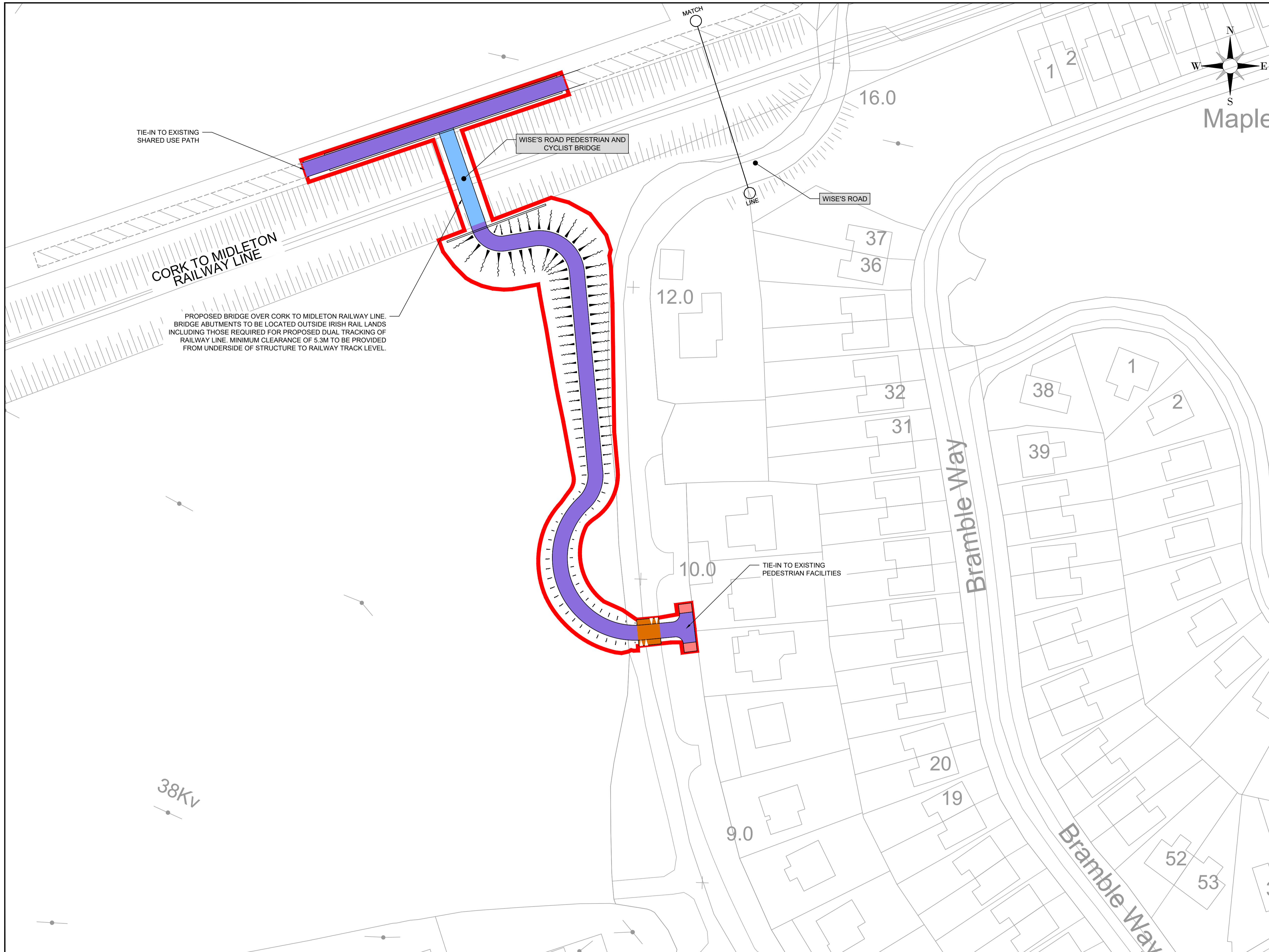
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 13 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0024	Rev	D

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Date: May 16, 2023 - 11:14am  
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TIE-IN TO EXISTING SHARED USE PATH

WISE'S ROAD PEDESTRIAN AND CYCLIST BRIDGE

WISE'S ROAD

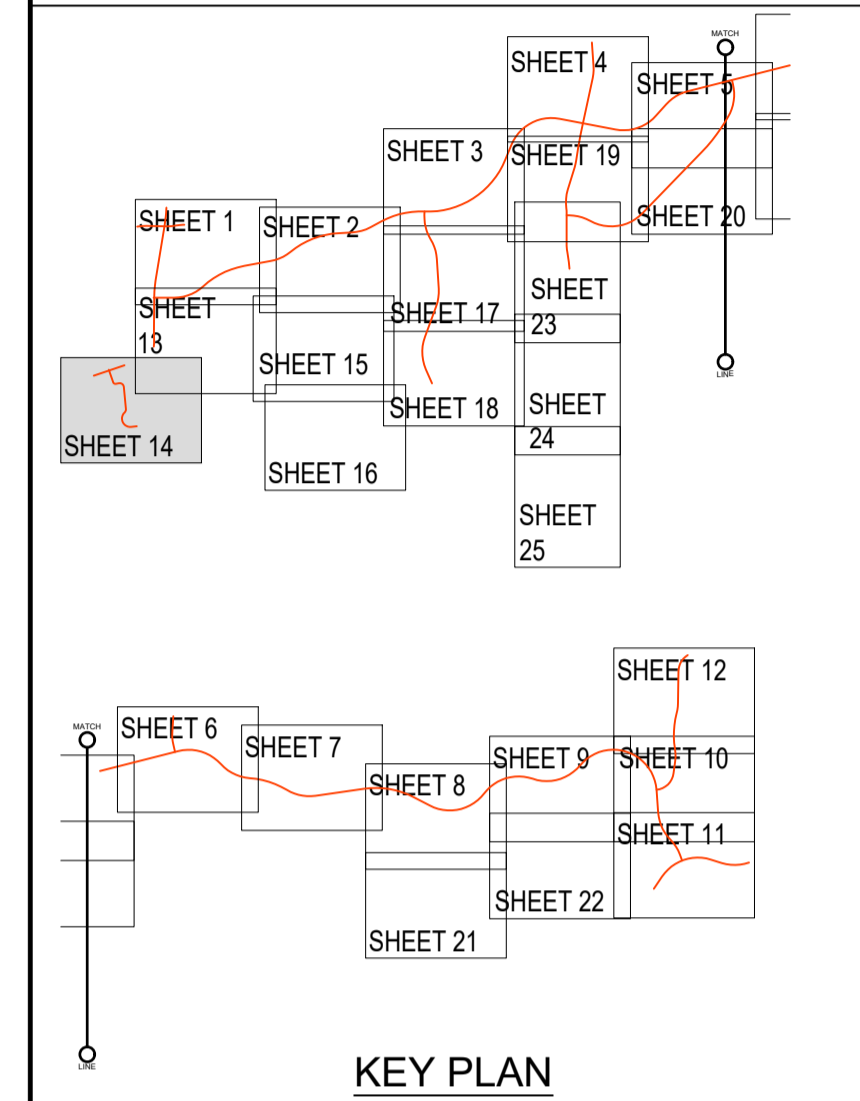
CORK TO MIDLETON RAILWAY LINE

PROPOSED BRIDGE OVER CORK TO MIDLETON RAILWAY LINE. BRIDGE ABUTMENTS TO BE LOCATED OUTSIDE IRISH RAIL LANDS INCLUDING THOSE REQUIRED FOR PROPOSED DUAL TRACKING OF RAILWAY LINE. MINIMUM CLEARANCE OF 5.3M TO BE PROVIDED FROM UNDERSIDE OF STRUCTURE TO RAILWAY TRACK LEVEL.

TIE-IN TO EXISTING PEDESTRIAN FACILITIES

38kV

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C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
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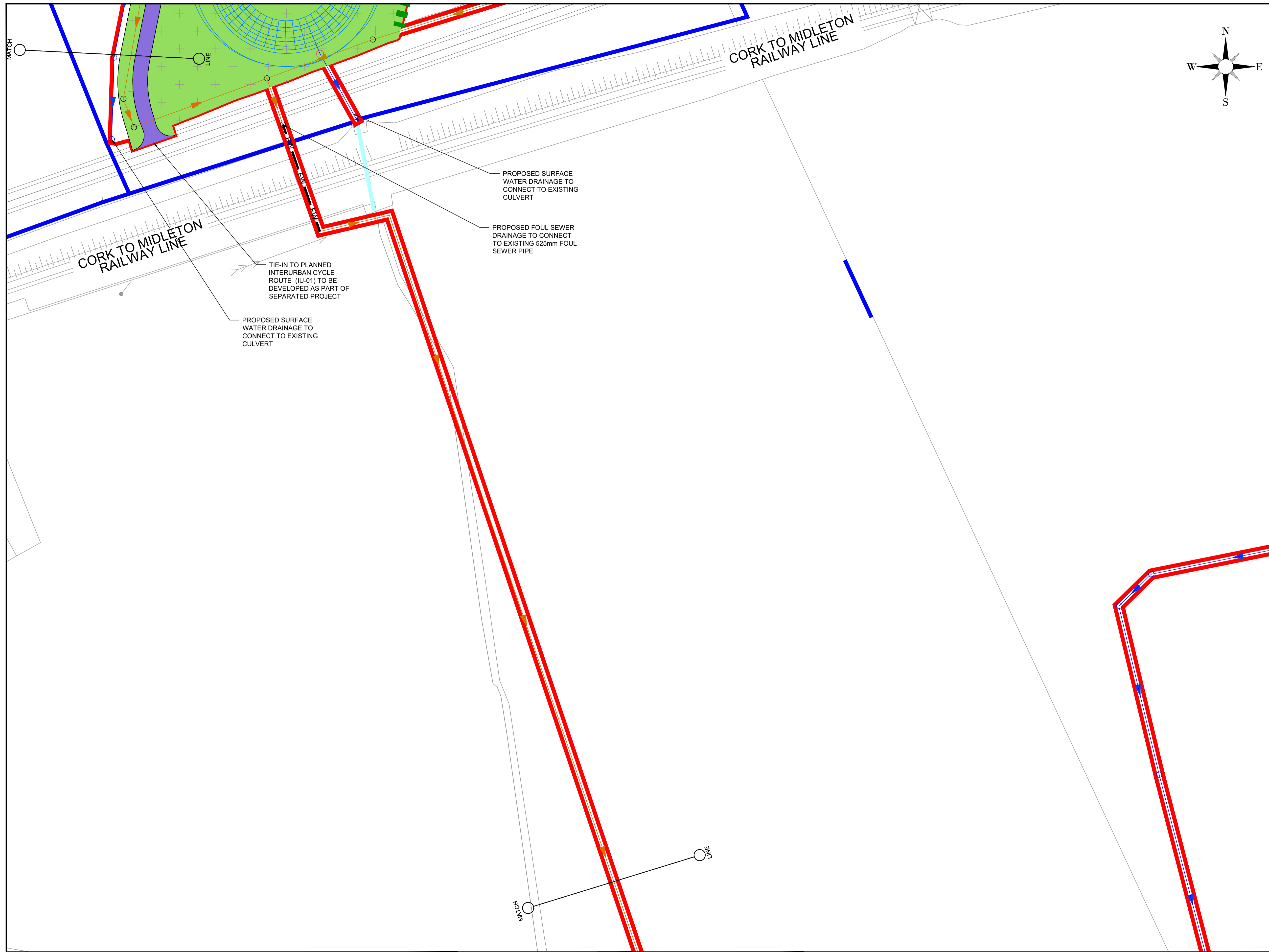
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 14 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0025	Rev	D

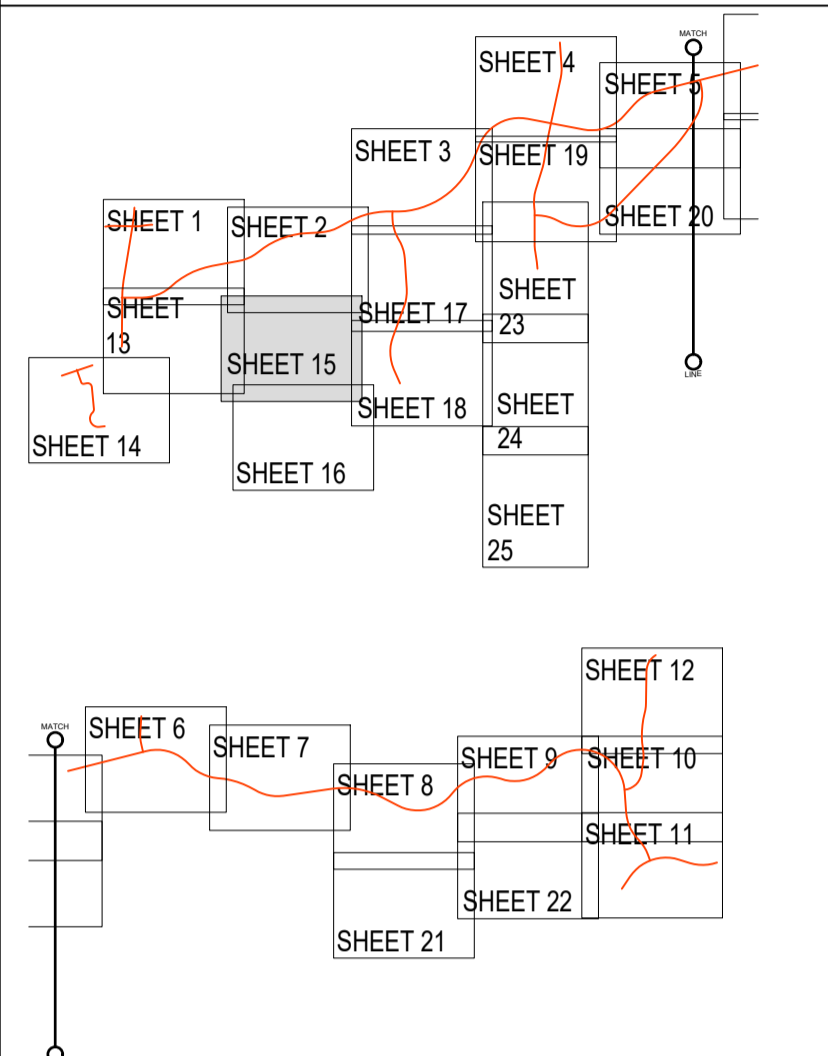
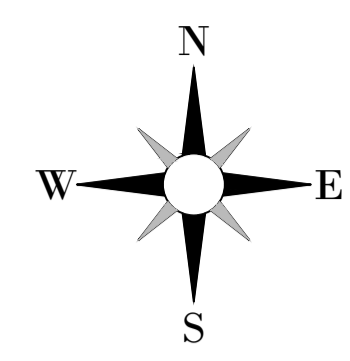
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Date: May 16, 2023 - 11:14am  
Plotted by: FMendozaDiaz



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D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
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Clients  
**CORK COUNTY COUNCIL**

Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose  
**ISSUED FOR PLANNING**

Title  
**CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE**

**SHEET 15 OF 25**

Original Scale	Des/Drawn	Checked	JO'C	Authorised	RAN
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Date	23/03/23	Date	23/03/23	Date	23/03/23

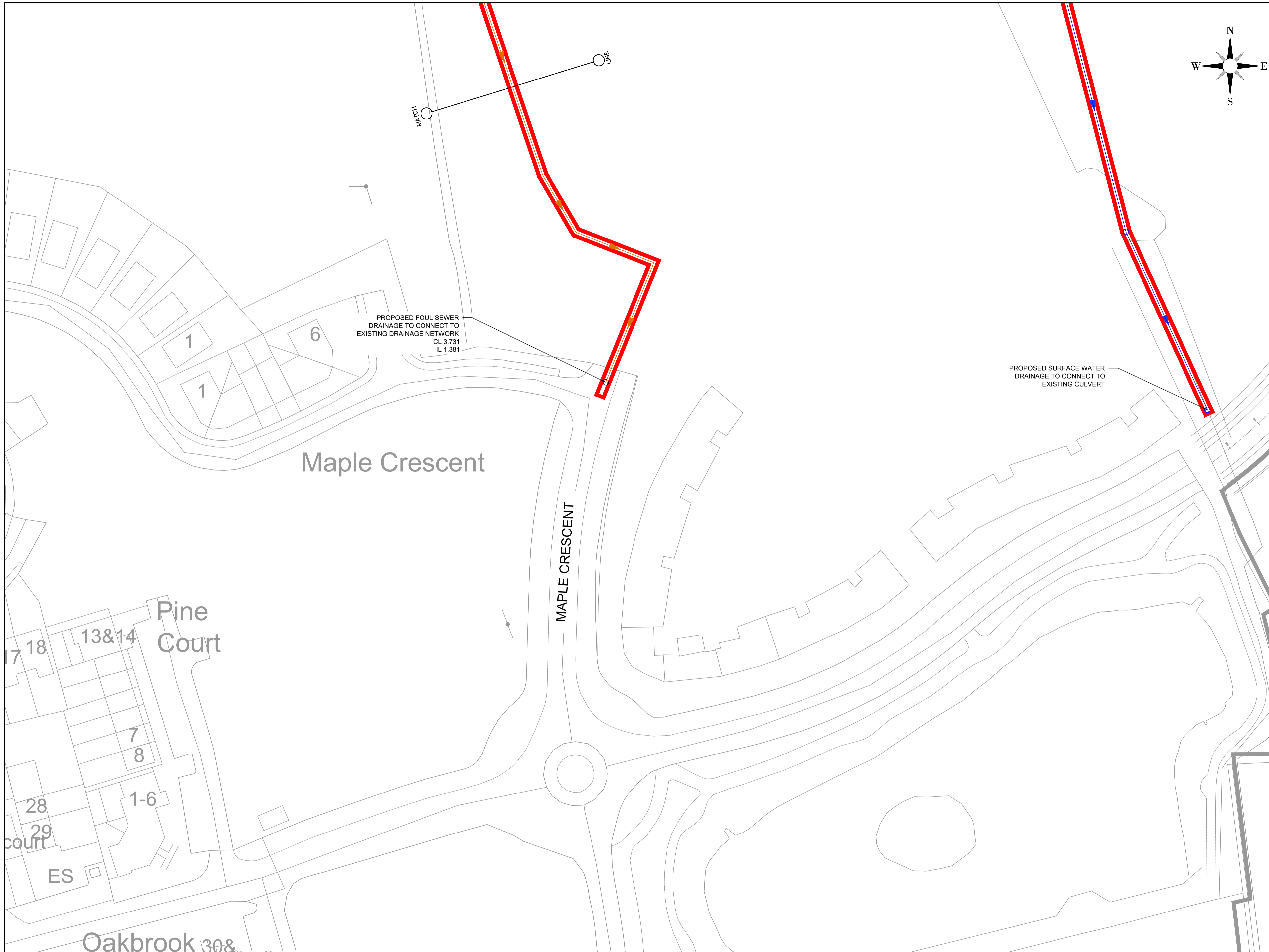
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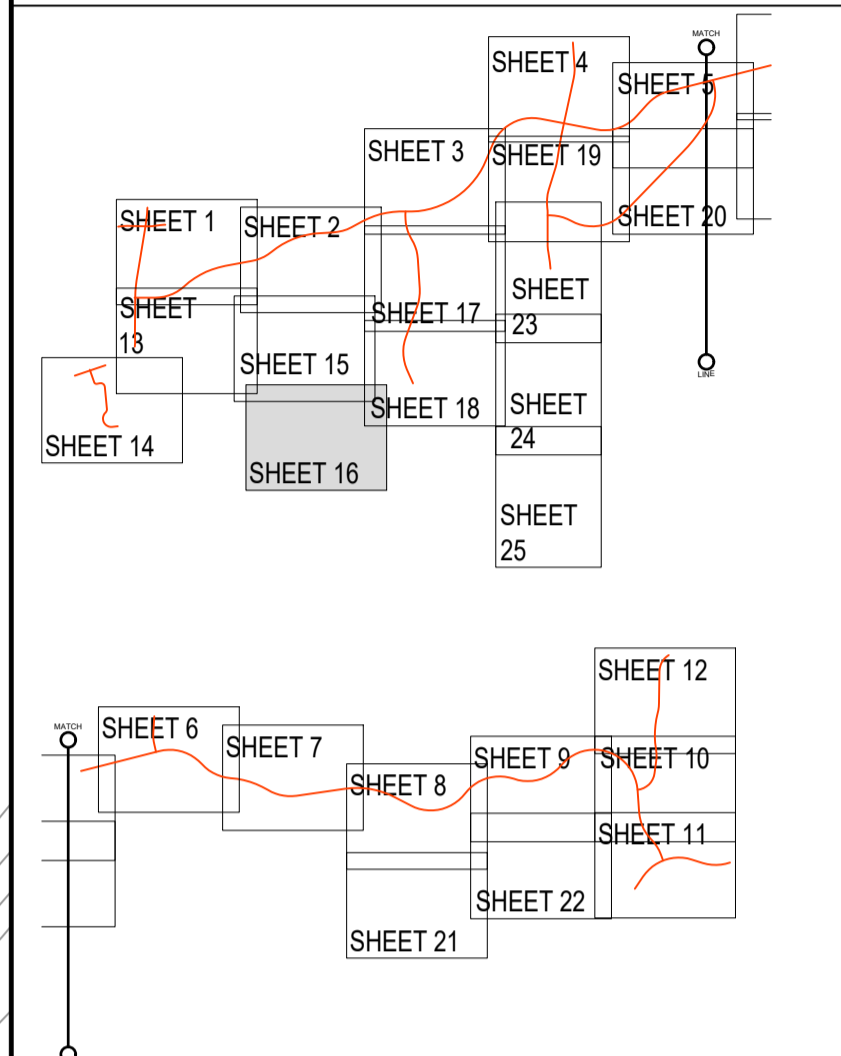
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Date: May 16, 2023 - 11:15am  
Plotted by: F.MendozaDiaz



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D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
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A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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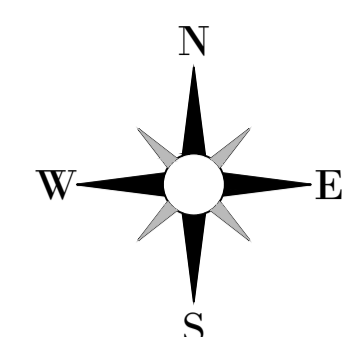
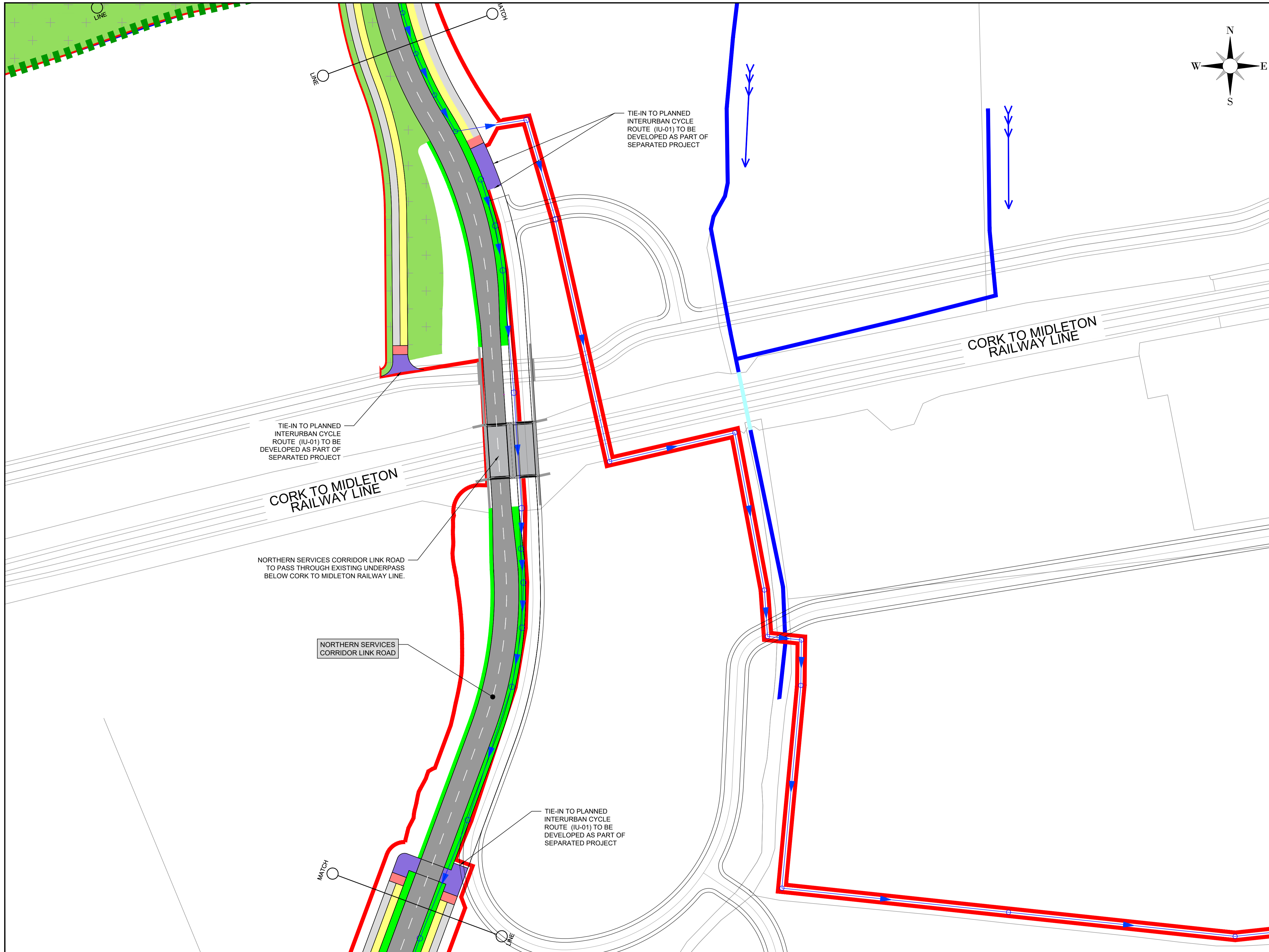
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 16 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
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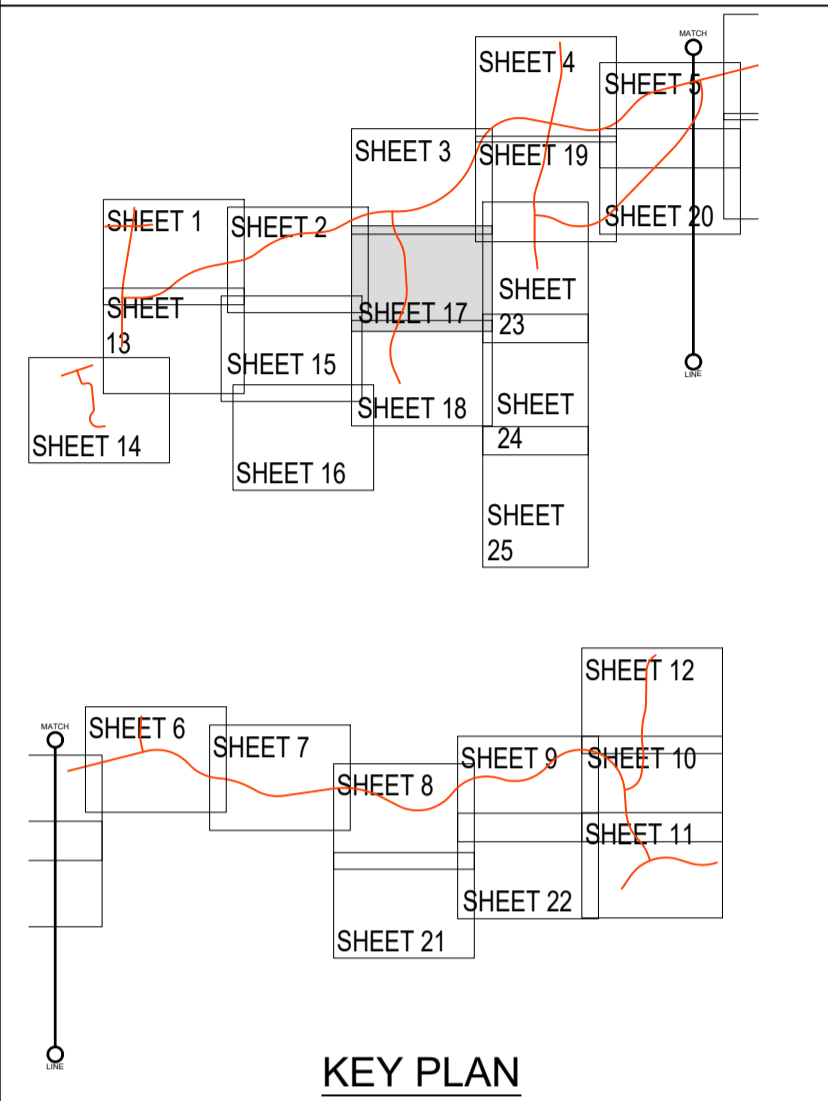
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Plotted by: F.MendozaDiaz



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Purpose: ISSUED FOR PLANNING

Title: **CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE**  
SHEET 17 OF 25

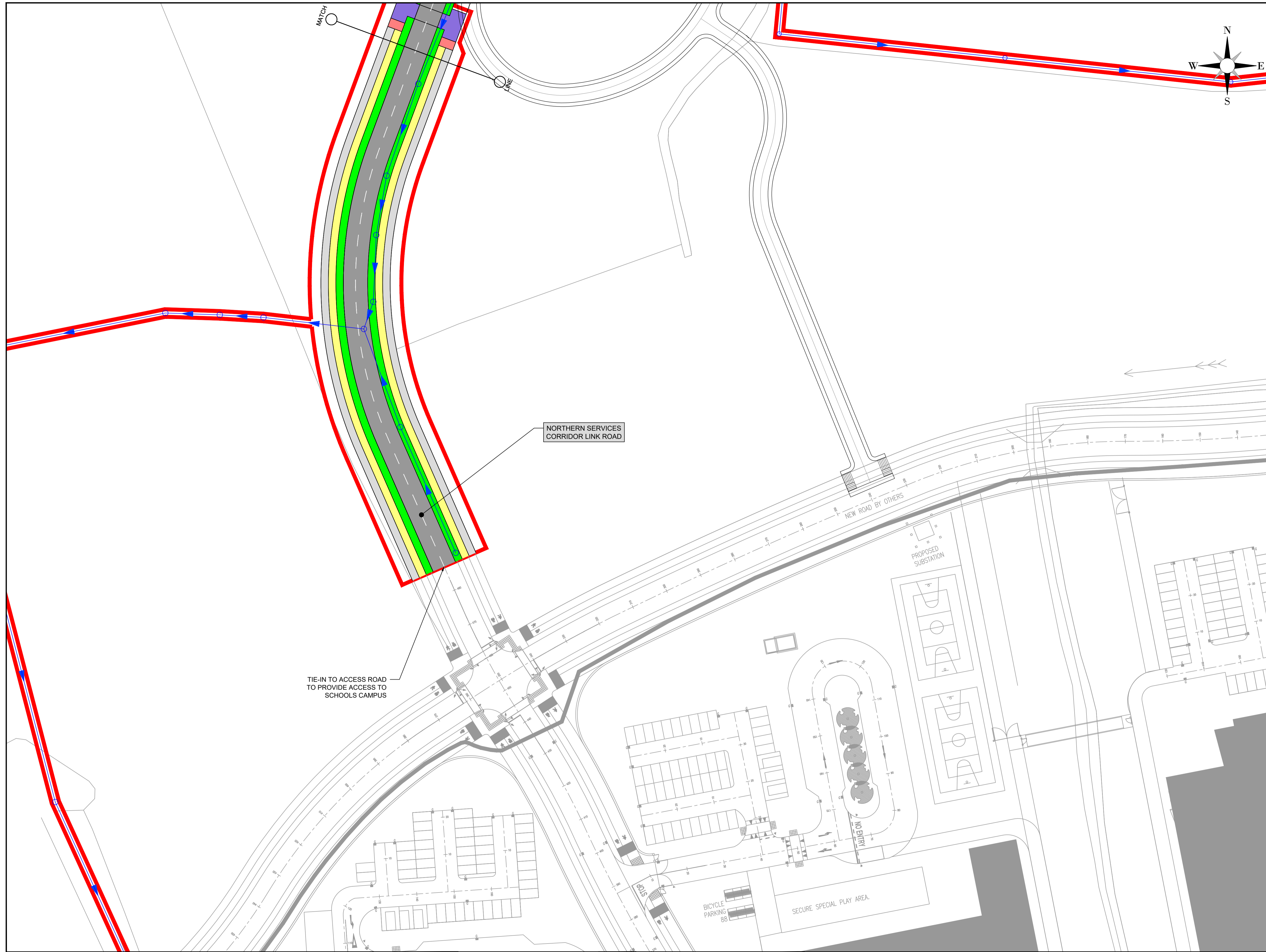
Original Scale	Des/Drawn	Checked	JO'C	Authorised	RAN
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Status: P Drawing Number: 5194601-HTR-DR-0028 Rev: D

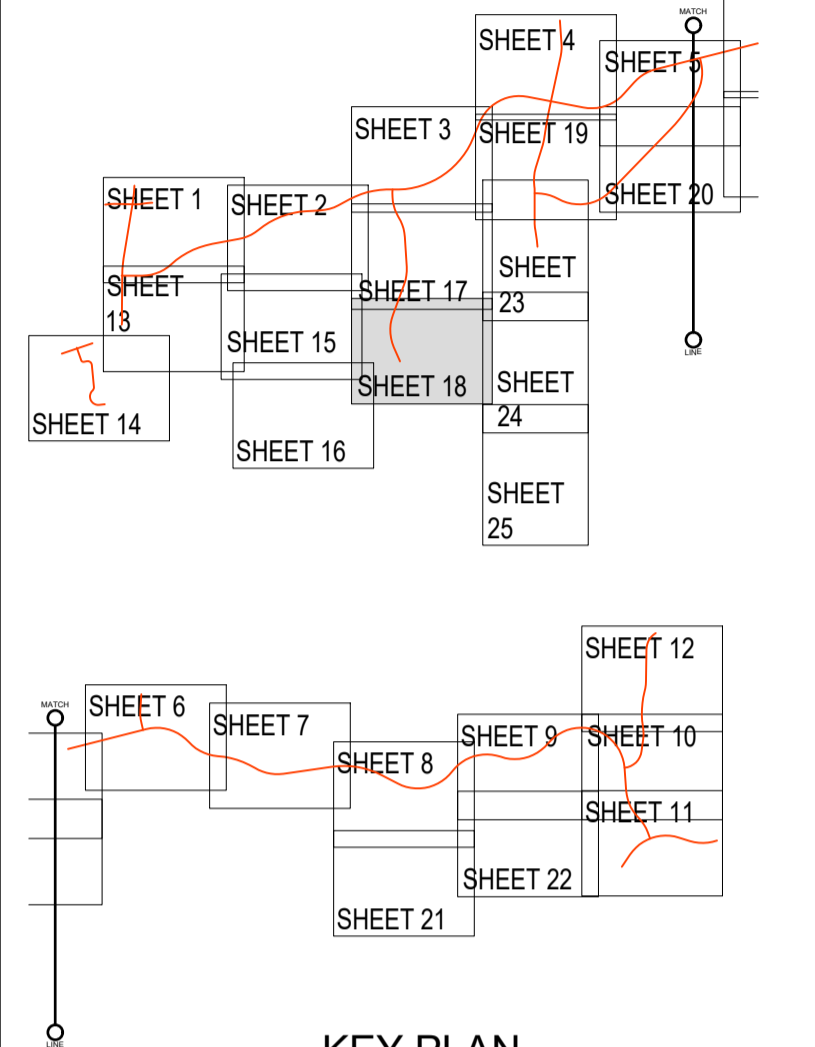
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  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
  - PROPOSED DIVERTED WATERCOURSE/ CHANNEL
  - PROPOSED OVERLAND FLOW RELIEF CHANNEL
  - PROPOSED DITCH / WATERCOURSE CROSSING
  - PROPOSED OVERLAND FLOW RELIEF CULVERT
  - PLANNED INTERURBAN CYCLE ROUTE (IU-1) - TO BE DEVELOPED AS PART OF SEPARATE PROJECT
  - EXISTING HEDGE TO BE MAINTAINED
  - PROPOSED HEDGE
  - PROPOSED FOUL SEWER
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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**Project Ireland 2040**  
Building Ireland's Future

Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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Clients  
**CORK COUNTY COUNCIL**

Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose  
**ISSUED FOR PLANNING**

Title  
**CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE**

**SHEET 18 OF 25**

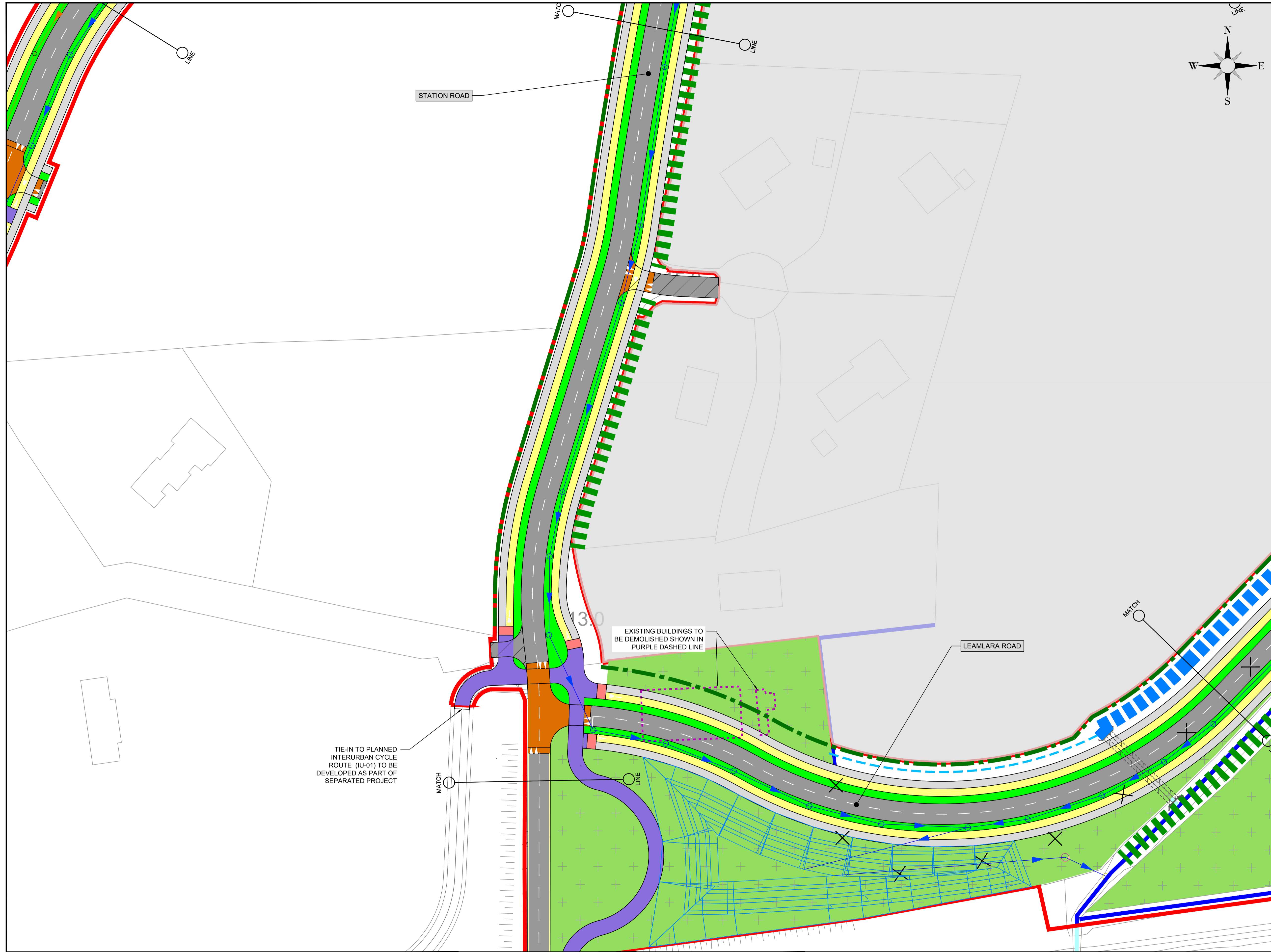
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1:500	FMD		JOC		RAN
Date	23/03/23	Date	23/03/23	Date	23/03/23

Status	Drawing Number	Rev
P	5194601-HTR-DR-0029	D

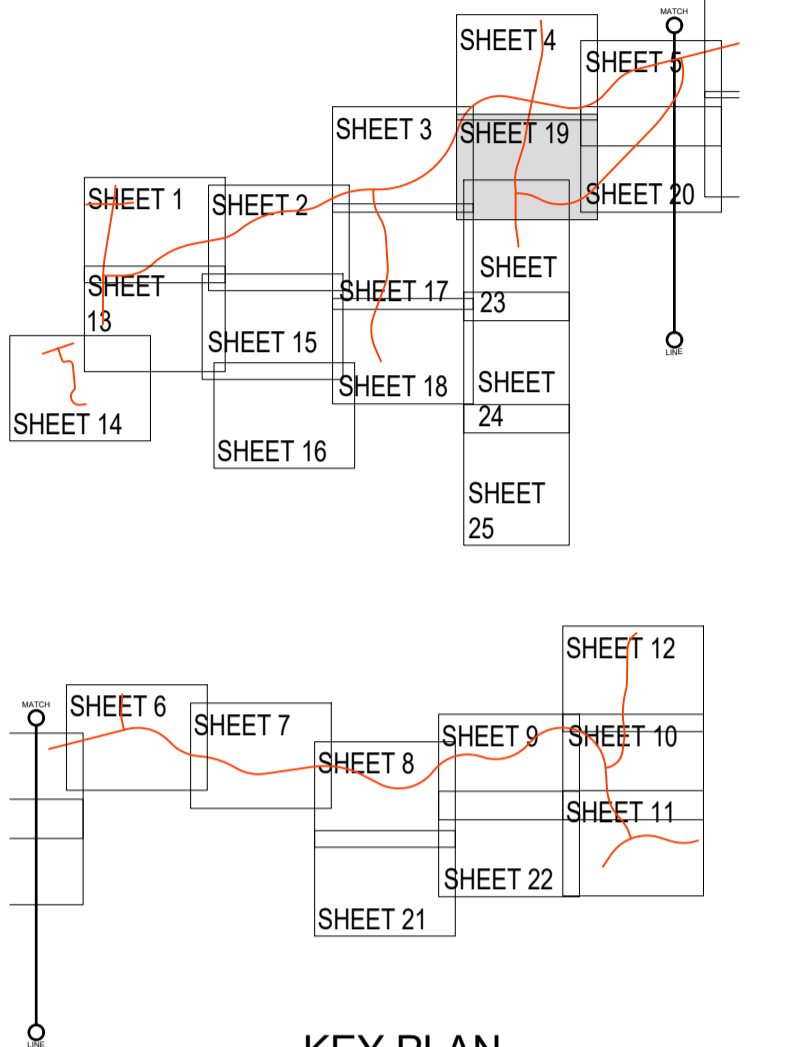
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DO NOT SCALE

File: 5194601-HTR\_DR\_0010 to 0036.dwg  
Date: May 16, 2023 - 11:15am  
Plotted by: FMendozaDiaz



- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
  2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
  3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
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- LEGEND:**
- PART 8 SITE BOUNDARY
  - PROPOSED CARRIAGEWAY
  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
  - PROPOSED DIVERTED WATERCOURSE/ CHANNEL
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  - PROPOSED FOUL SEWER
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED DETENTION POND
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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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Clients  
**CORK COUNTY COUNCIL**

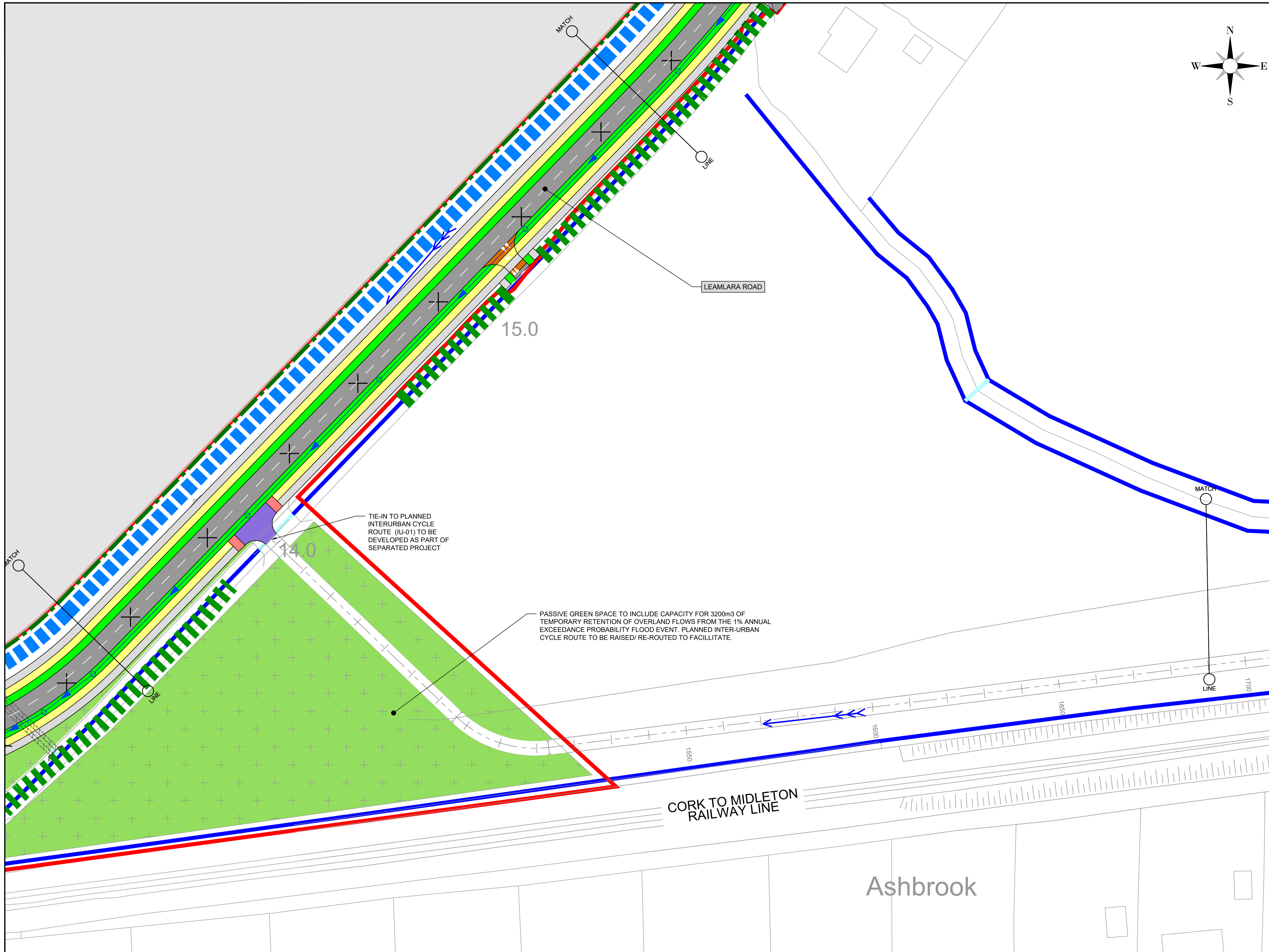
Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose	ISSUED FOR PLANNING				
Title	<b>CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE</b>				
	SHEET 19 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
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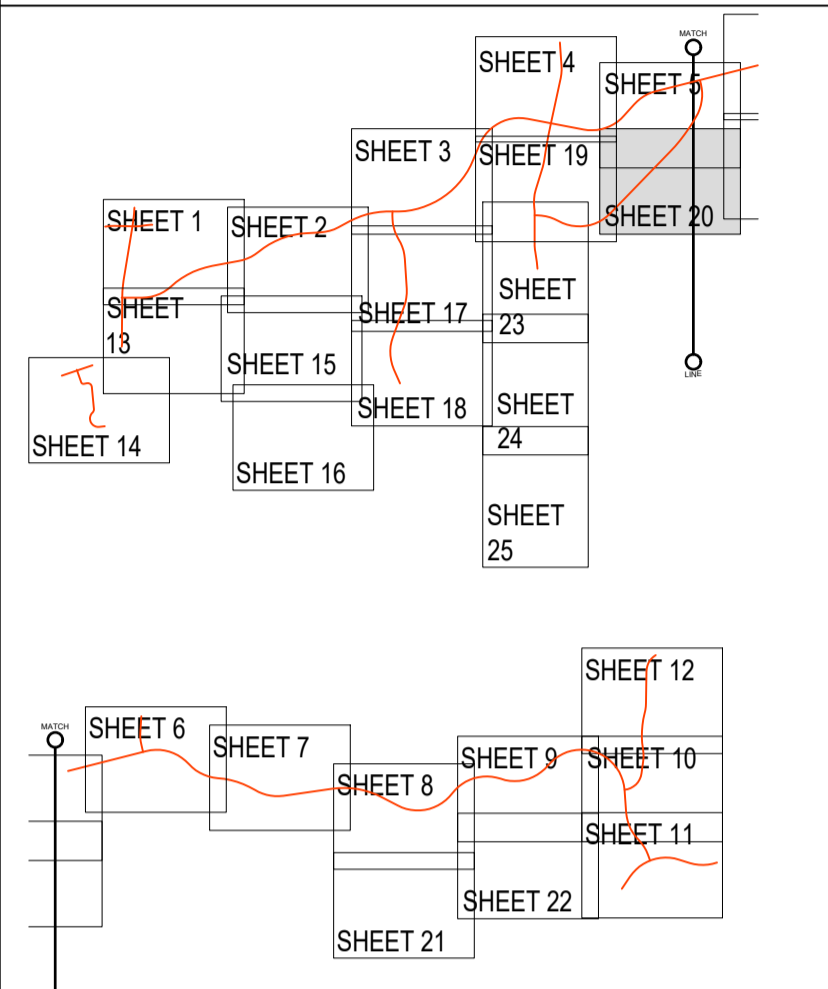
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Date: May 16, 2023 - 11:15am  
Plotted by: F.MendozaDiaz



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**KEY PLAN**

- LEGEND:**
- PART 8 SITE BOUNDARY
  - PROPOSED CARRIAGEWAY
  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
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  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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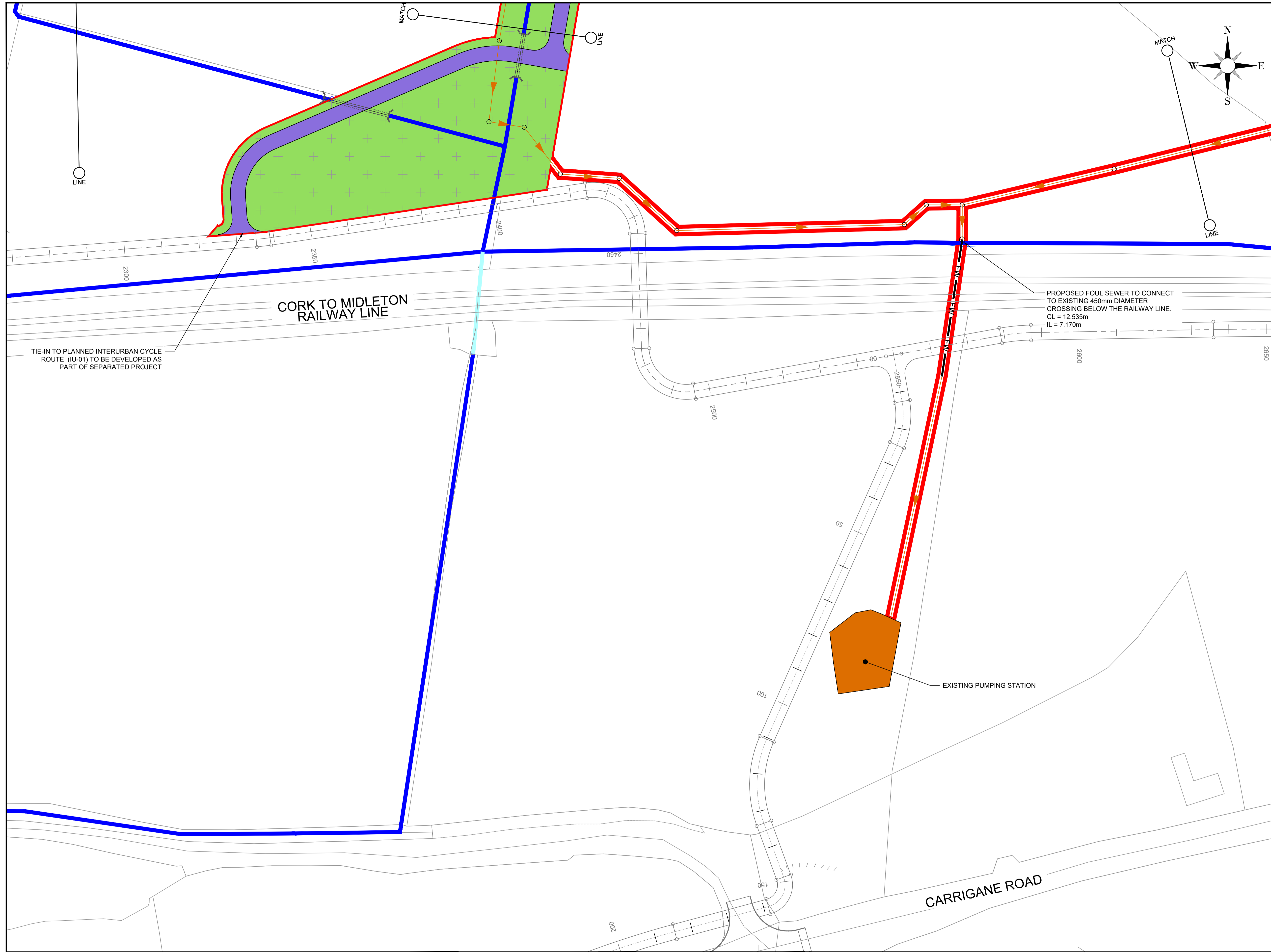
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE				
	SHEET 20 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0031	Rev	D

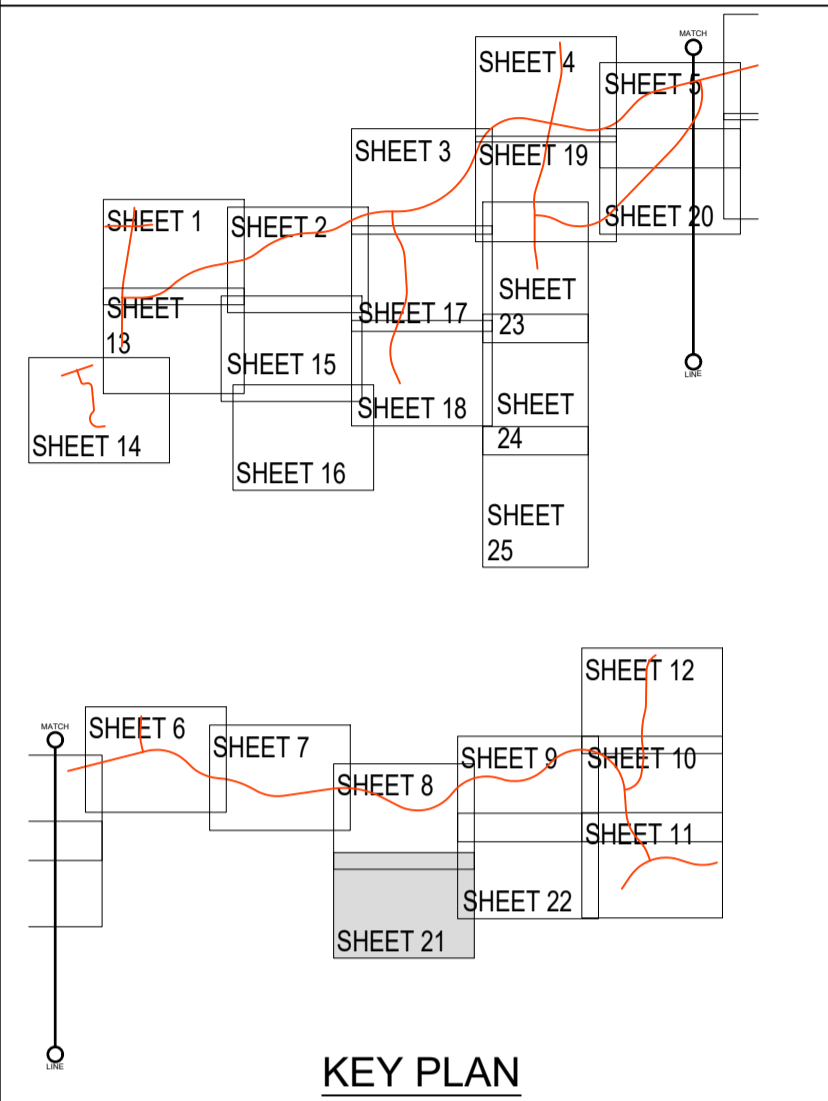
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Date: May 16, 2023 - 11:16am  
Plotted by: F.MendozaDiaz



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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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Clients  
**CORK COUNTY COUNCIL**

Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose  
ISSUED FOR PLANNING

Title  
**CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE**

SHEET 21 OF 25

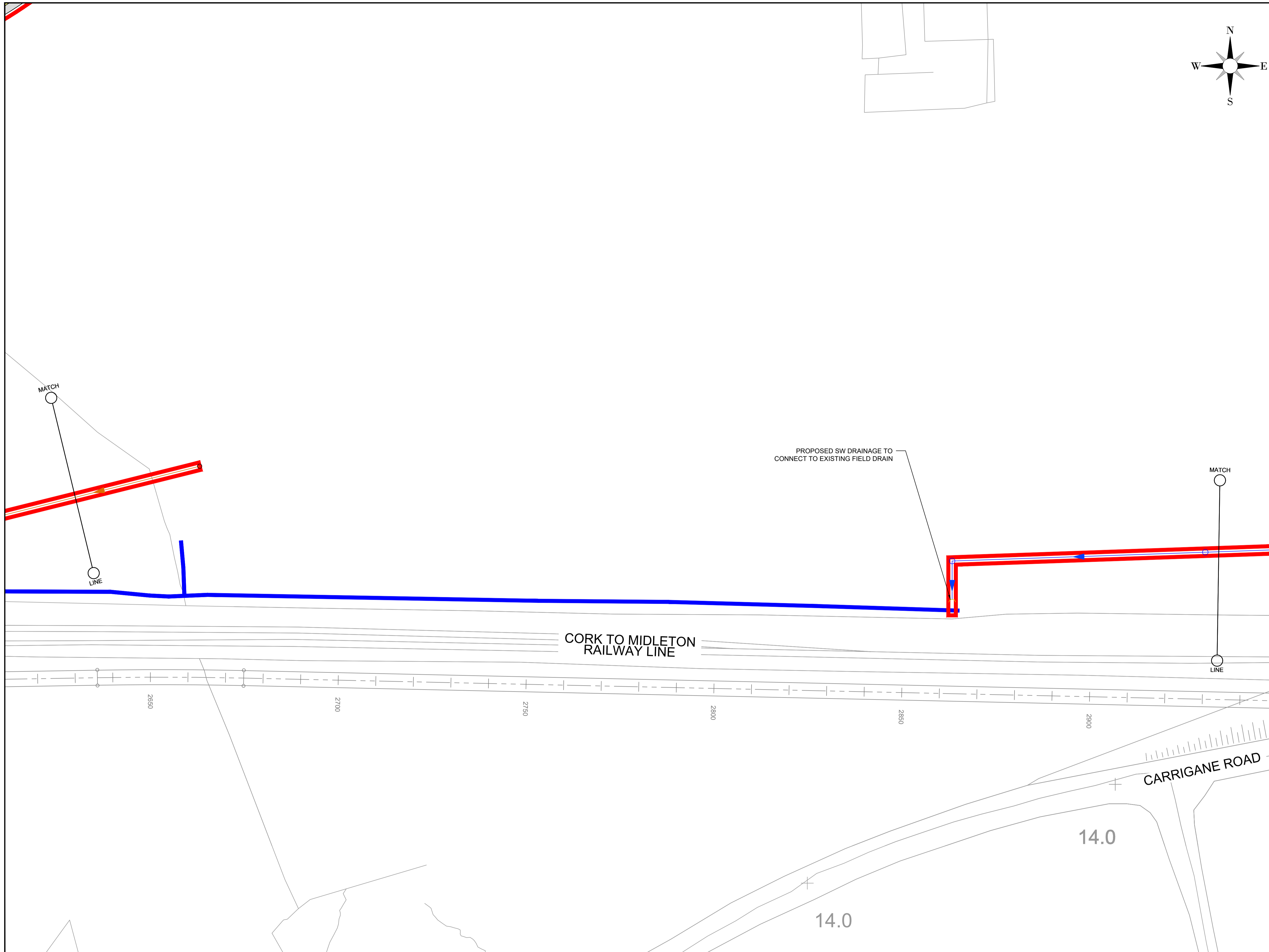
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Date	23/03/23	Date	23/03/23	Date	23/03/23

Status	Drawing Number	Rev
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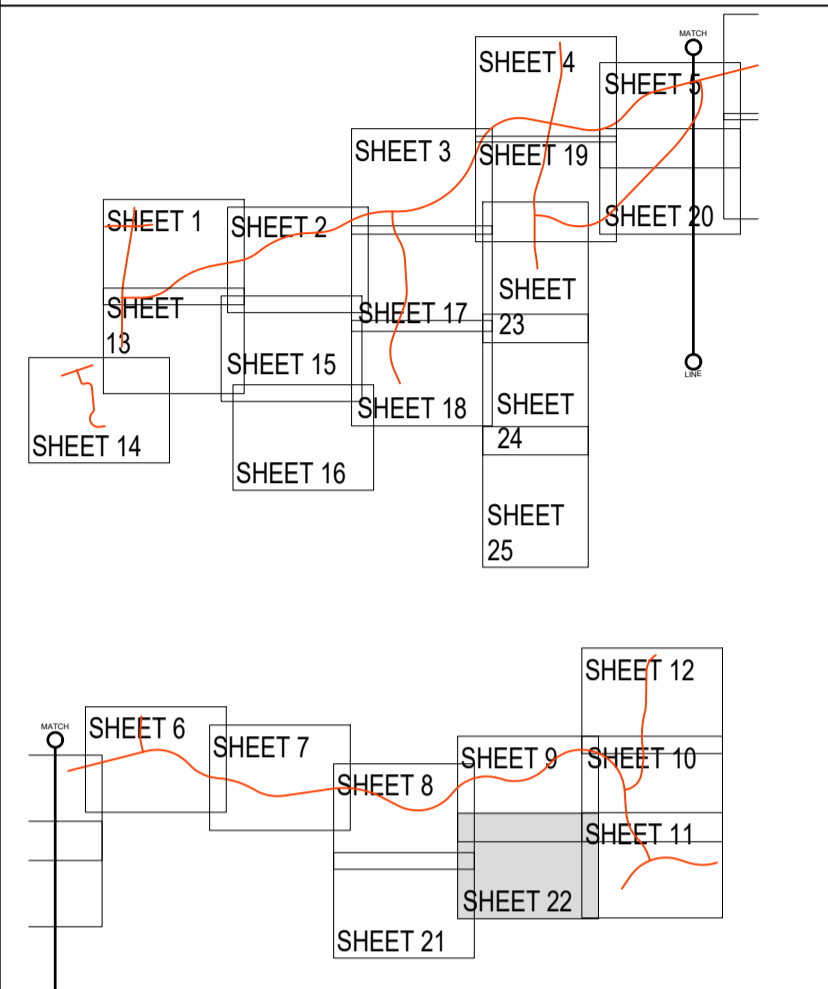
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Date: May 16, 2023 - 11:16am  
Plotted by: F.MendozaDiaz



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KEY PLAN

- LEGEND:**
- PART 8 SITE BOUNDARY
  - PROPOSED CARRIAGEWAY
  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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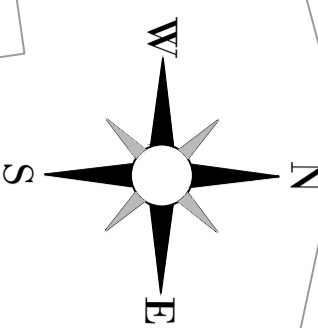
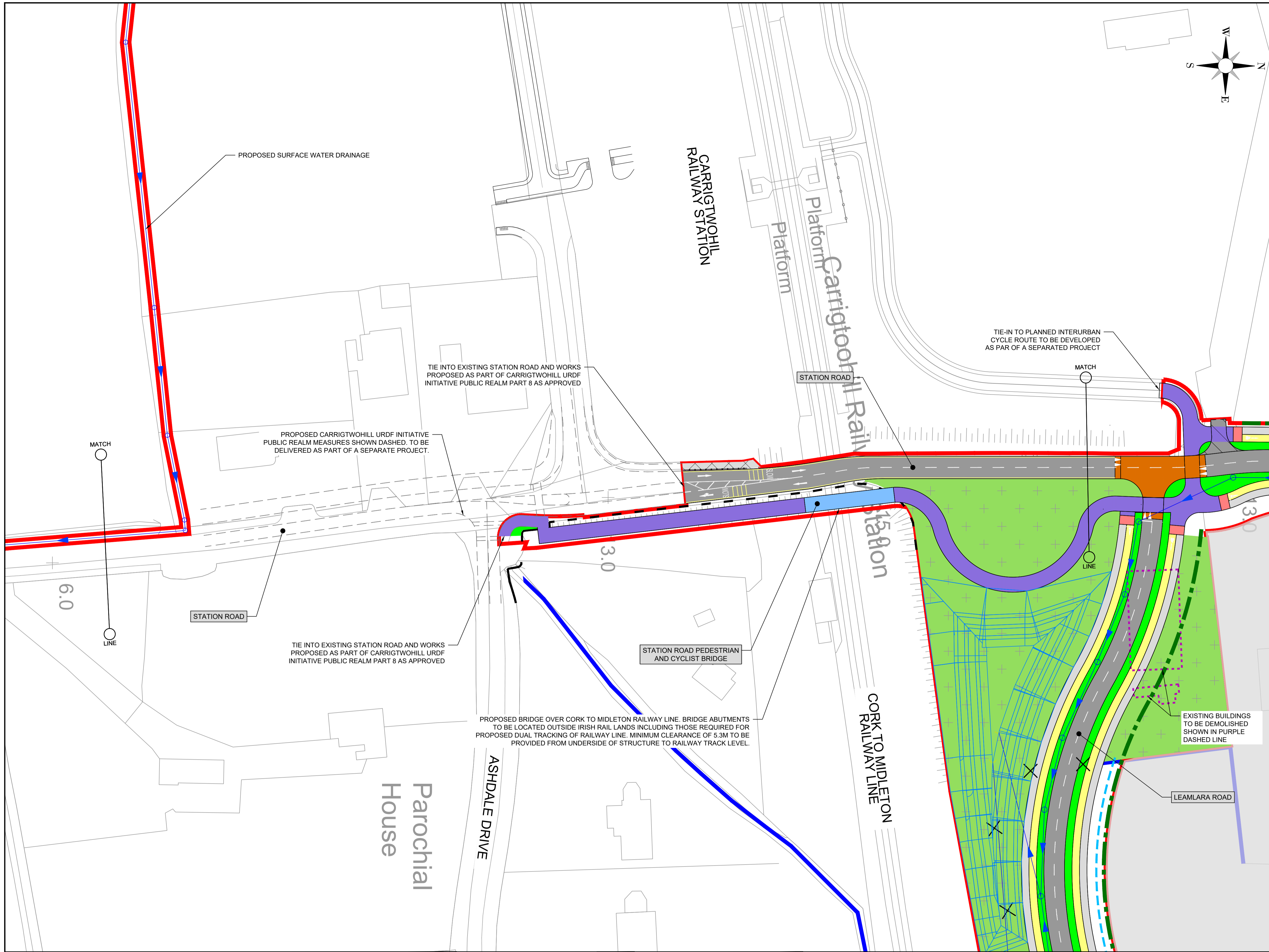
Clients	CORK COUNTY COUNCIL				
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE				

Purpose	ISSUED FOR PLANNING						
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE SHEET 22 OF 25						
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC	Authorised	RAN
Date	23/03/23	Date	23/03/23	Date	23/03/23	Date	23/03/23
Status	P	Drawing Number	5194601-HTR-DR-0033	Rev	D		

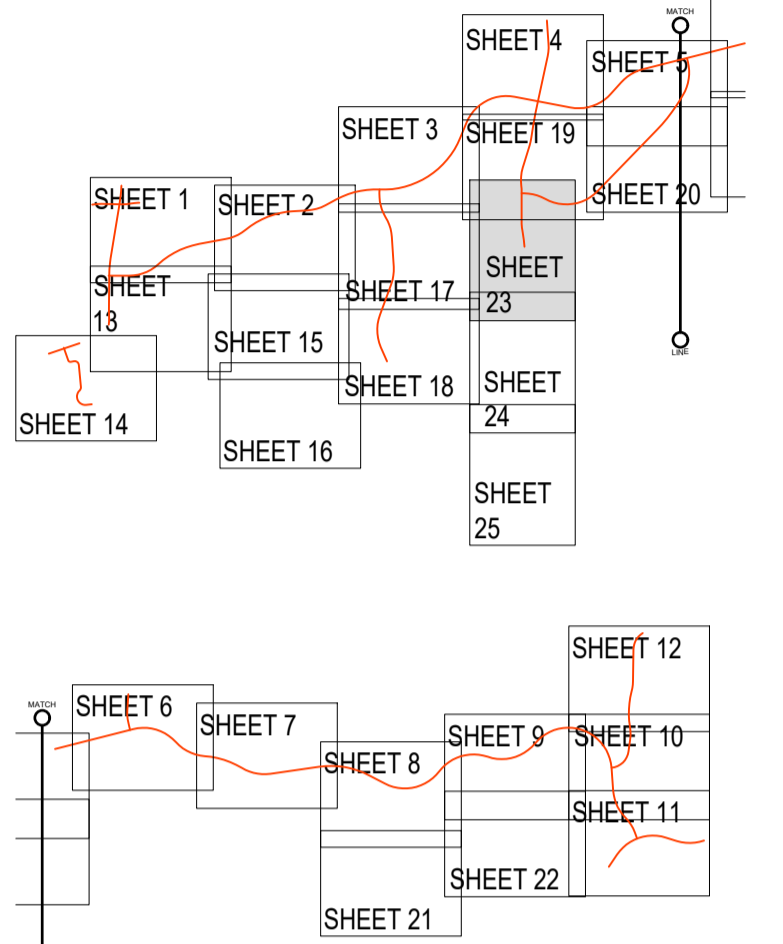
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Date: May 16, 2023 - 11:16am  
Plotted by: FMendozaDiaz



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- LEGEND:**
- PROPOSED PART 8 SITE BOUNDARY
  - PROPOSED CARRIAGEWAY
  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
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  - EXISTING WATERCOURSE/ CHANNEL
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**Project Ireland 2040**  
Building Ireland's Future

Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
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Clients	CORK COUNTY COUNCIL				
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE				

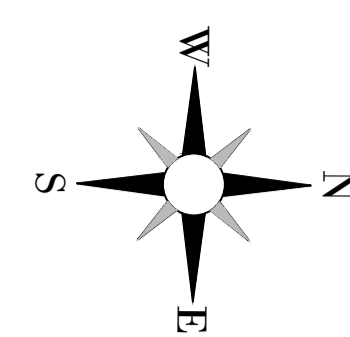
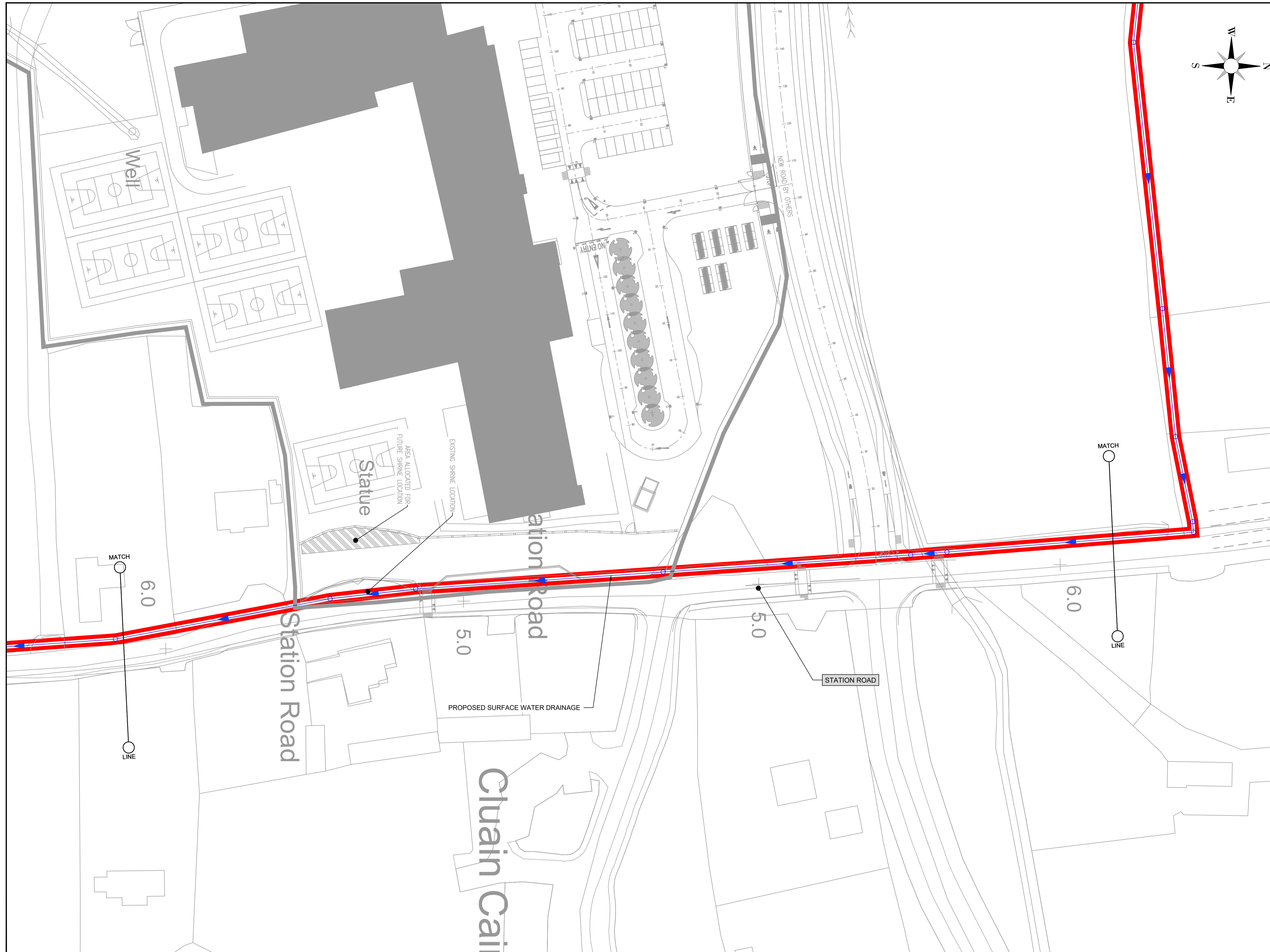
Purpose	ISSUED FOR PLANNING				
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE SHEET 23 OF 25				
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC
Date	23/03/23	Date	23/03/23	Date	23/03/23
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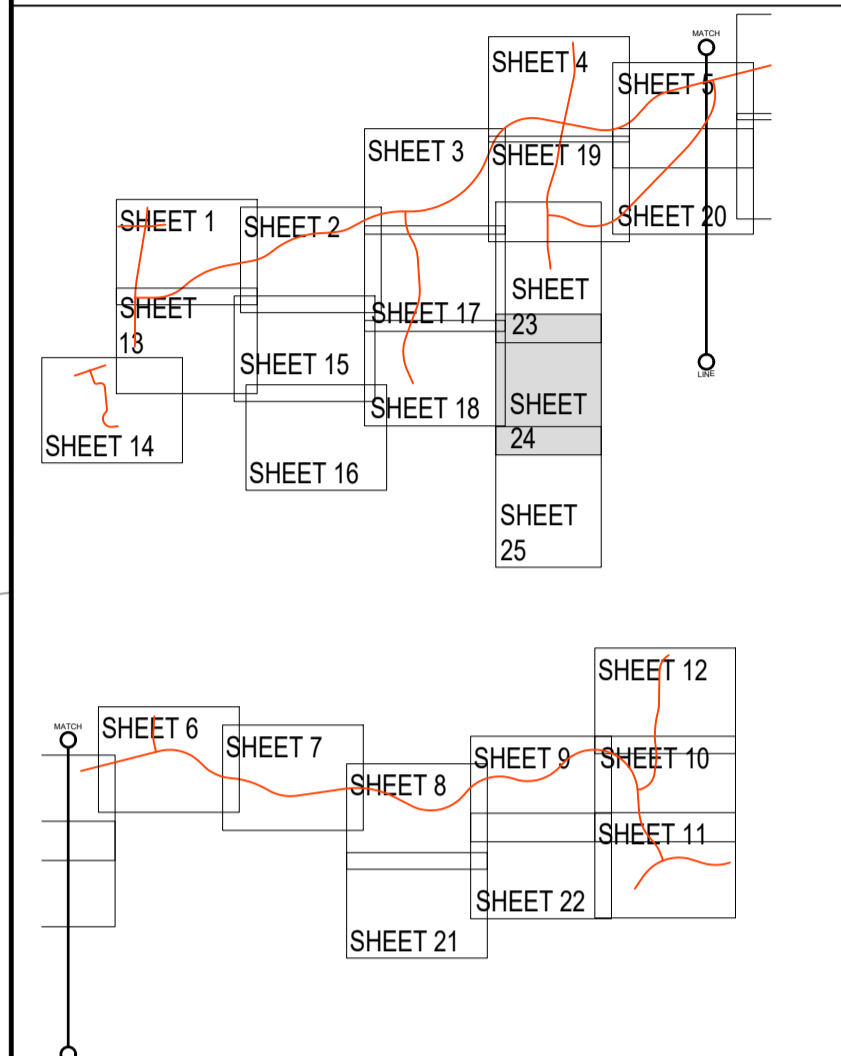
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Date: May 16, 2023 - 11:16am  
Plotted by: F.MendozaDiaz



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  - EXISTING HEDGE TO BE MAINTAINED
  - PROPOSED HEDGE
  - PROPOSED FOUL SEWER
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED DETENTION POND
  - PROPOSED ATTENUATION TANK

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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

**ATKINS**  
Member of the SNC-Lavalin Group

Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
Tel (+353) 01 810 8000 Fax (+353) 01 810 8001

Unit 2B, 2200 Cork Airport Business Park, Cork  
Tel (+353) 021 429 0300 Fax (+353) 021 429 0360

2nd Floor Technology House Parkmore Technology Park, Galway  
Tel (+353) 091 786 0550 Fax (+353) 091 779 830

Clients  
**CORK COUNTY COUNCIL**

Project  
**CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE**

Purpose  
**ISSUED FOR PLANNING**

Title  
**CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE**

**SHEET 24 OF 25**

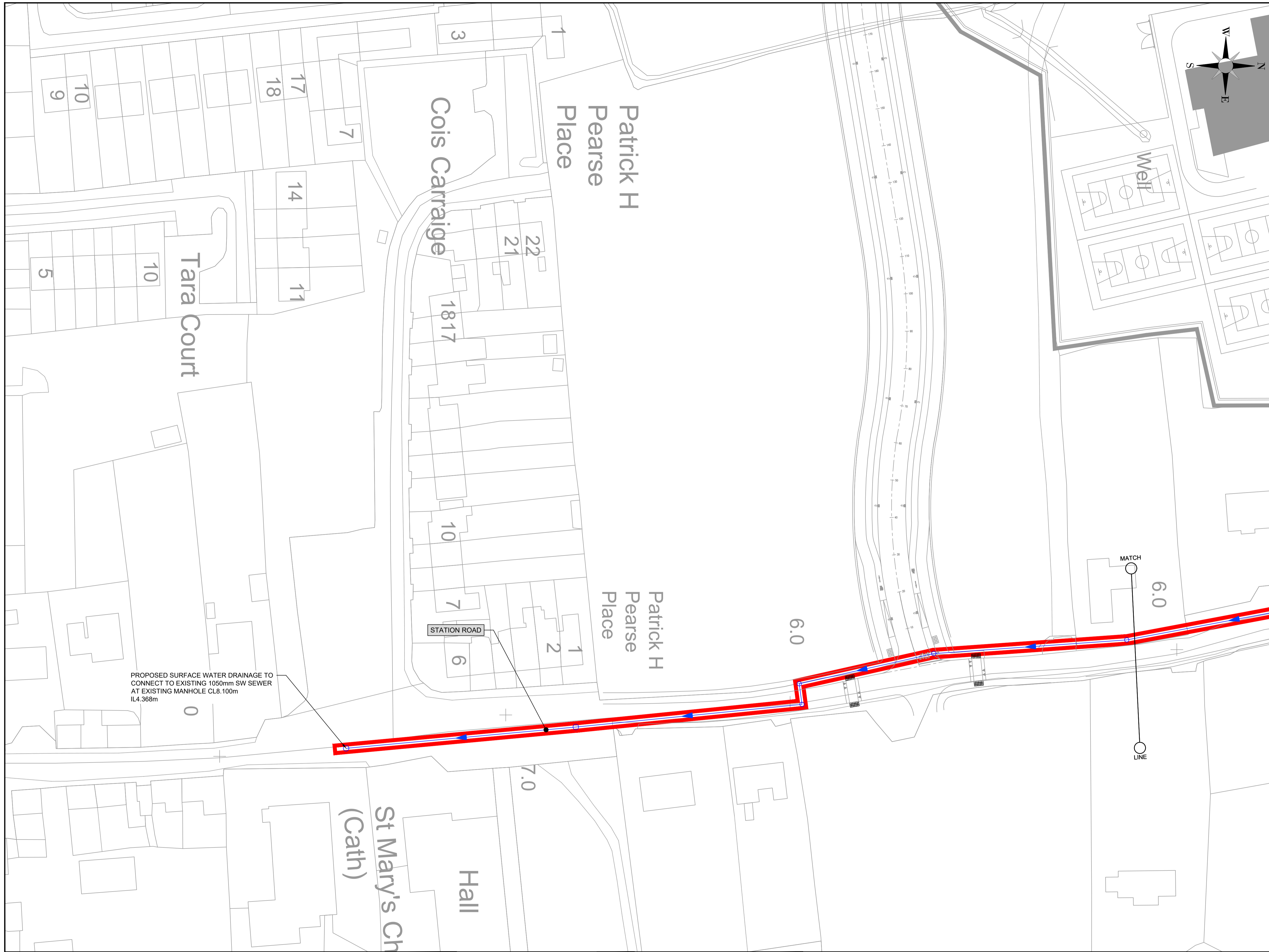
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1:500	FMD	JOC	JOC	RAN	RAN
Date	23/03/23	Date	23/03/23	Date	23/03/23

Status	Drawing Number	Rev
P	5194601-HTR-DR-0035	D

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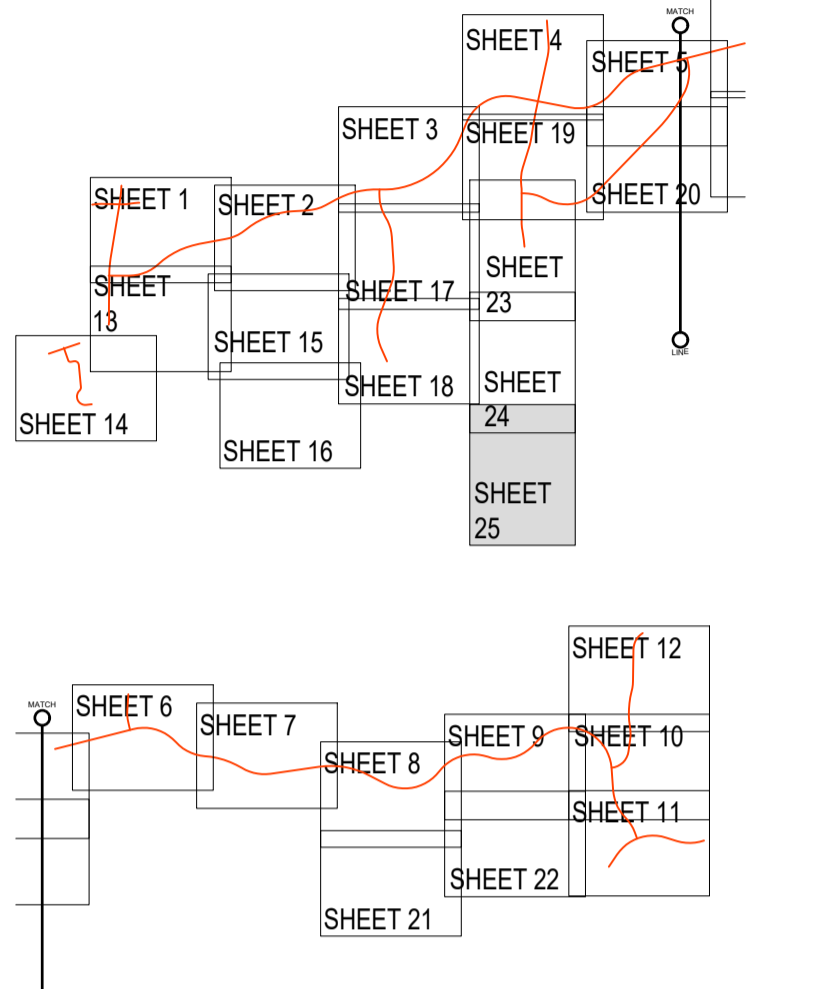
DO NOT SCALE

File: 5194601-HTR\_DR\_0010 to 0036.dwg  
Date: May 16, 2023 - 11:16am  
Plotted by: F.MendozaDiaz



PROPOSED SURFACE WATER DRAINAGE TO CONNECT TO EXISTING 1050mm SW SEWER AT EXISTING MANHOLE CL8.100m IL4.368m

- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
  2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
  3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION



KEY PLAN

- LEGEND:**
- PROPOSED PART 8 SITE BOUNDARY
  - PROPOSED CARRIAGEWAY
  - PROPOSED CYCLEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED USE PATH
  - PROPOSED BRIDGE DECK
  - PROPOSED TACTILE PAVING
  - PROPOSED RAISED TABLE/ CROSSING
  - PROPOSED VERGE/LANDSCAPING
  - PROPOSED PASSIVE GREEN SPACE
  - EXISTING SHARED USE PATH
  - EXISTING ENTRANCE TO BE MAINTAINED
  - EXISTING WALL
  - EXISTING CULVERT
  - EXISTING WATERCOURSE/ CHANNEL
  - EXISTING WATERCOURSE/ CHANNEL TO BE DIVERTED
  - PROPOSED DIVERTED WATERCOURSE/ CHANNEL
  - PROPOSED OVERLAND FLOW RELIEF CHANNEL
  - PROPOSED DITCH / WATERCOURSE CROSSING
  - PROPOSED OVERLAND FLOW RELIEF CULVERT
  - PLANNED INTERURBAN CYCLE ROUTE (IU-1) - TO BE DEVELOPED AS PART OF SEPARATE PROJECT
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  - PROPOSED FOUL SEWER
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Rev	Description	By	Date	Chk'd	Auth
D	ISSUED FOR PART 8 PLANNING	FMD	05/23	JOC	RAN
C	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
B	ISSUED FOR REVIEW	FMD	04/23	JOC	RAN
A	ISSUED FOR FINAL REVIEW	FMD	04/23	JOC	RAN
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

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Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
Tel (+353) 01 810 8000 Fax (+353) 01 810 8001

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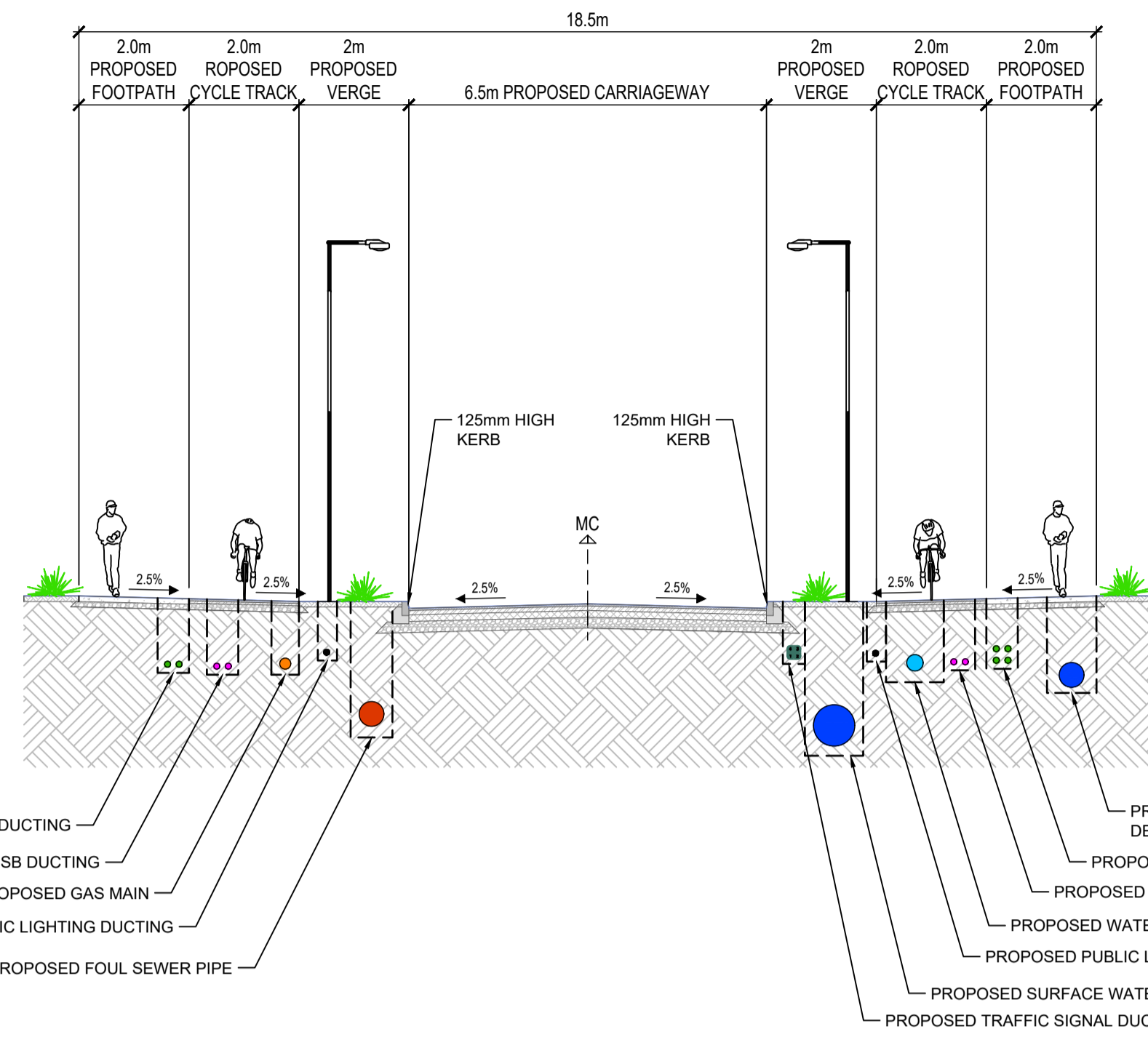
Clients	CORK COUNTY COUNCIL	
Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	

Purpose	ISSUED FOR PLANNING						
Title	CARRIGTWOHILL URDF INITIATIVE UEA INFRASTRUCTURE SHEET 25 OF 25						
Original Scale	1:500	Des/Drawn	FMD	Checked	JOC	Authorised	RAN
Status	P	Date	23/03/23	Date	23/03/23	Date	23/03/23
Drawing Number	5194601-HTR-DR-0036			Rev	D		

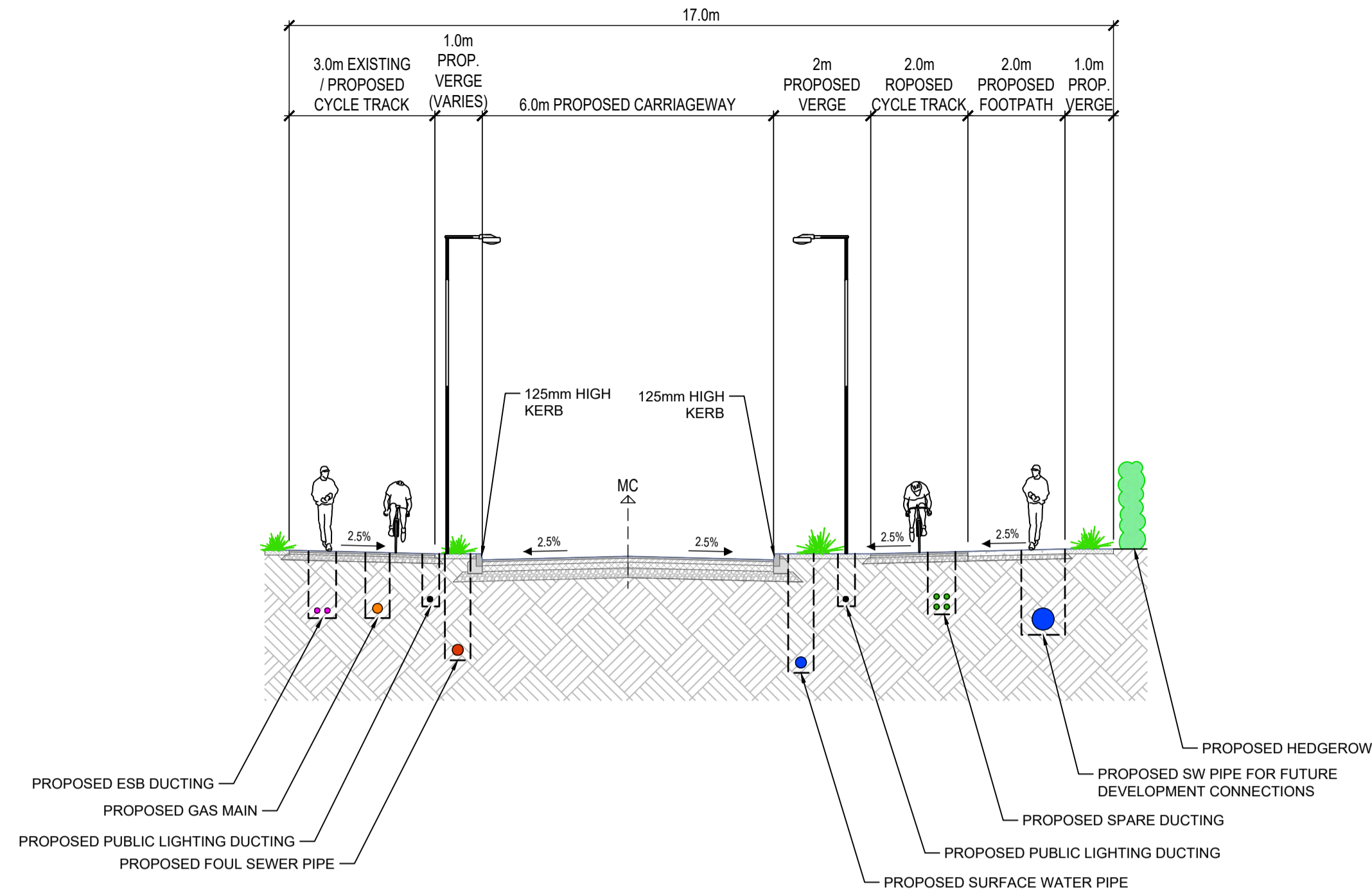
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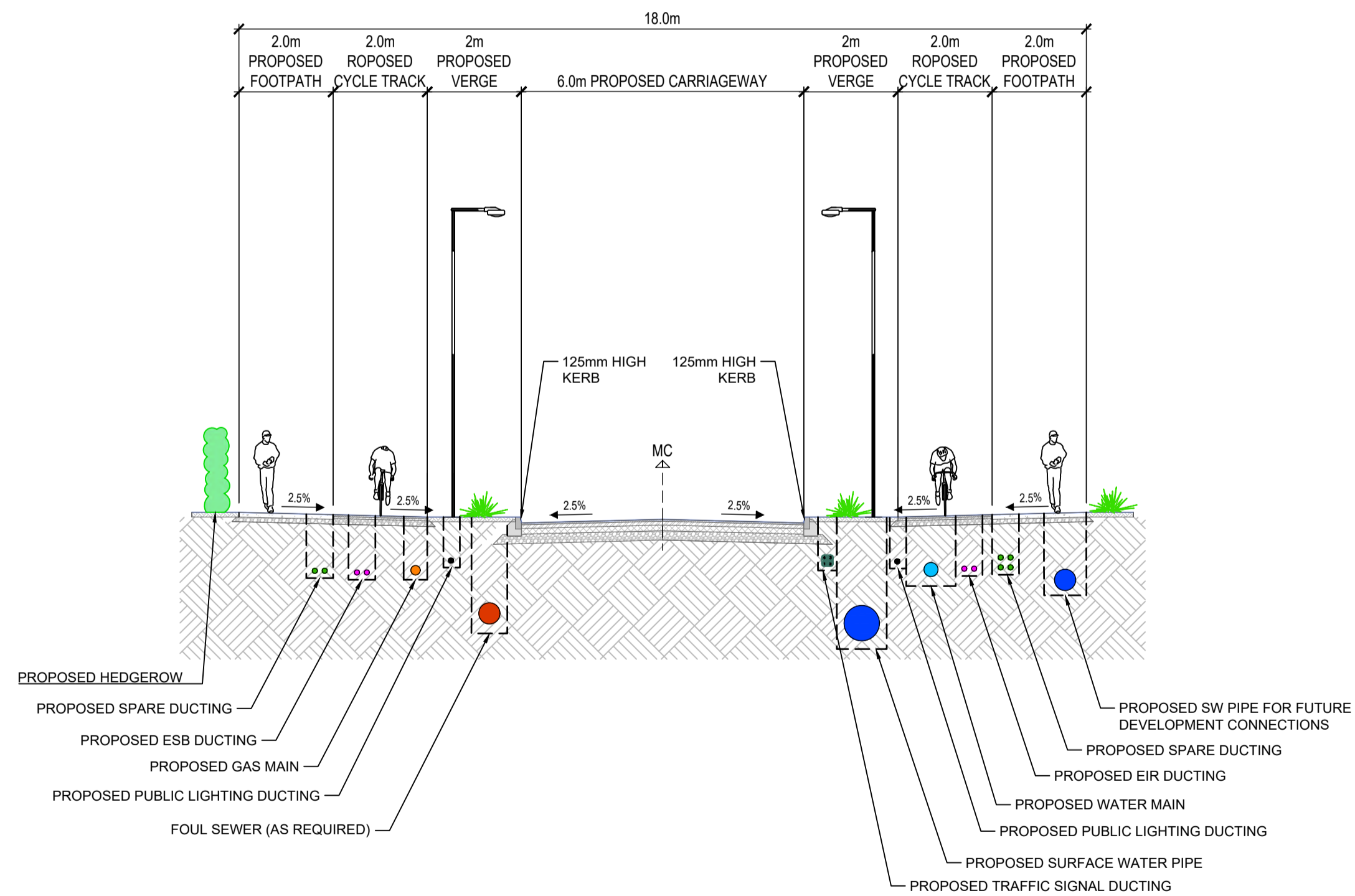
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Date: May 16, 2023 - 9:27am  
Plotted by: F.MendozaDiaz



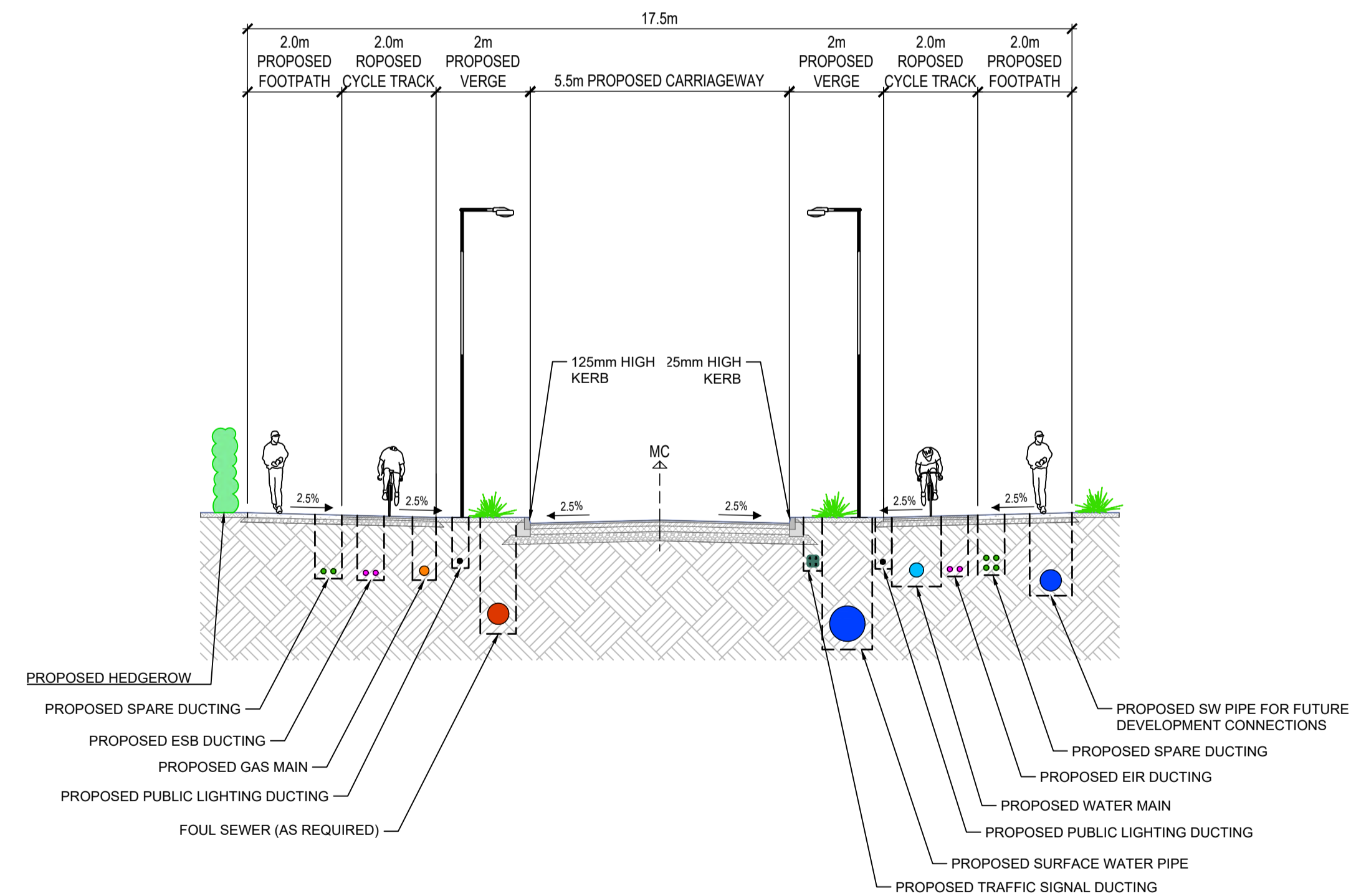
NEW CORRIDOR LINK ROAD  
TYPICAL CROSS SECTION



WISE'S ROAD  
TYPICAL CROSS SECTION



STATION ROAD  
TYPICAL CROSS SECTION



LEAMLARA ROAD / BALLYADAM ROAD  
TYPICAL CROSS SECTION

GENERAL NOTES

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DRAWING NOTES

1. POSITION OF SERVICES TO BE CONFIRMED WITH INDIVIDUAL UTILITY COMPANIES DURING DETAILED DESIGN.

Purpose ISSUED FOR PLANNING

Title TYPICAL CROSS SECTIONS  
SHEET 1 OF 3

Original Scale	Des/Drawn	Checked	Authorised
1:100	FMD	JOC	RAN
Date 14/03/23	Date 14/03/23	Date 14/03/23	Date 14/03/23

Status	Drawing Number	Rev
P	5194601 / HTR / DR / 0040	-

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Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
Tel (+353) 01 810 8000 Fax (+353) 01 810 8001

Unit 2B, 2200 Cork Airport Business Park, Cork  
Tel (+353) 021 429 0300 Fax (+353) 021 429 0360

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Tel (+353) 091 786 0560 Fax (+353) 091 779 830

Clients CORK COUNTY COUNCIL

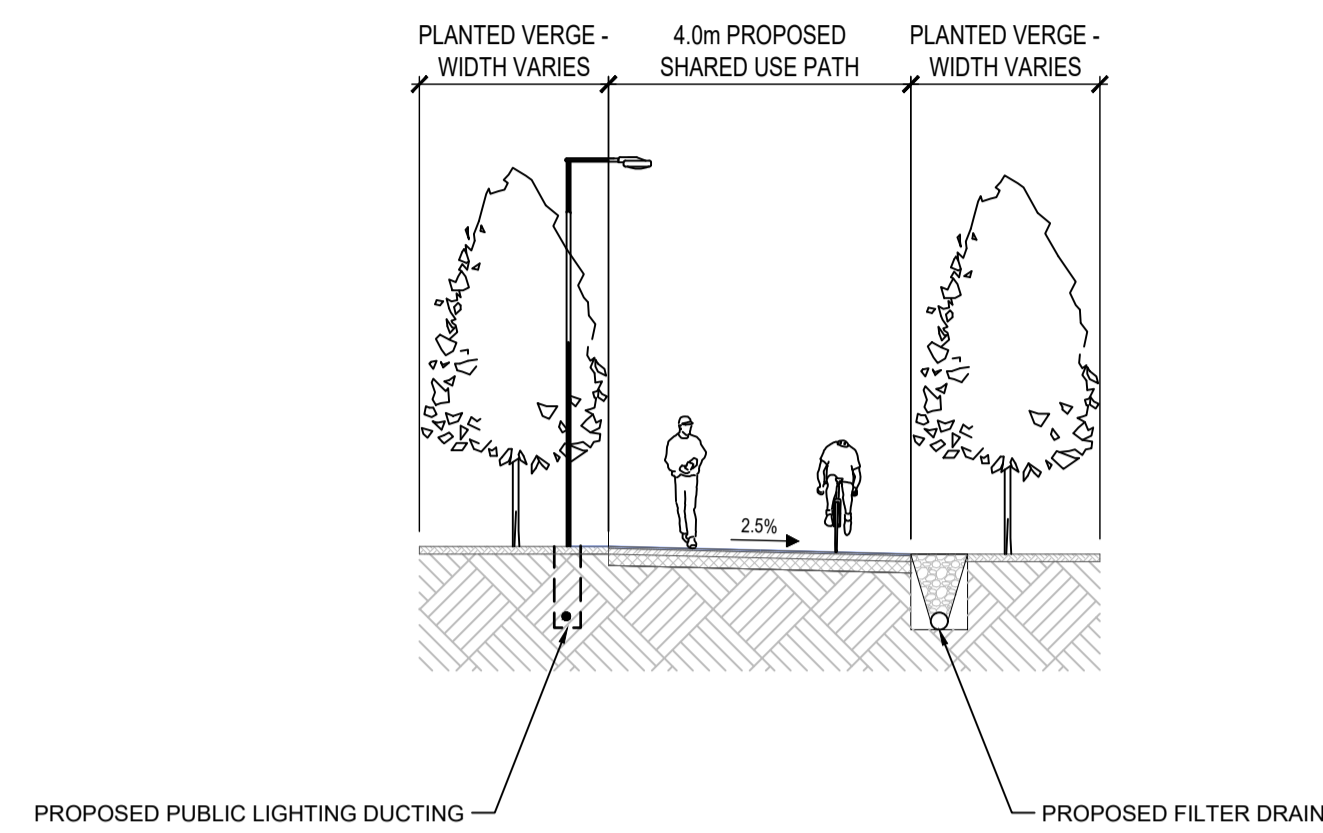
Project CARRIGTWOHILL URDF INITIATIVE -  
URBAN EXPANSION AREA INFRASTRUCTURE

Rev	Description	By	Date	Chk'd	Auth
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN

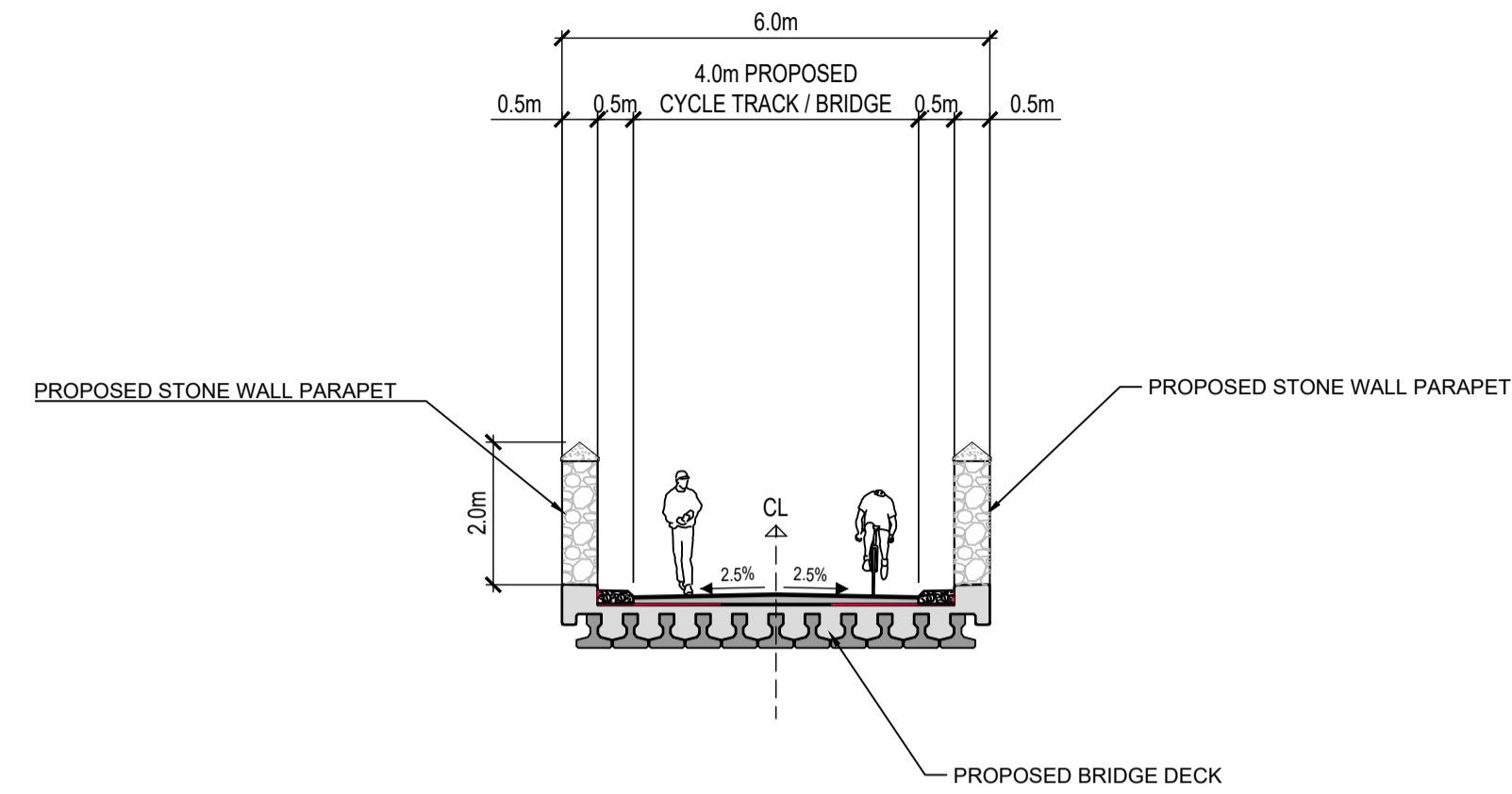
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DO NOT SCALE

File: 5194601-HTR\_DR\_0040 to 0042.dwg  
Date: May 16, 2023 - 9:27am  
Plotted by: F.MendozaDiaz



SHARED USED PATH  
TYPICAL CROSS SECTION



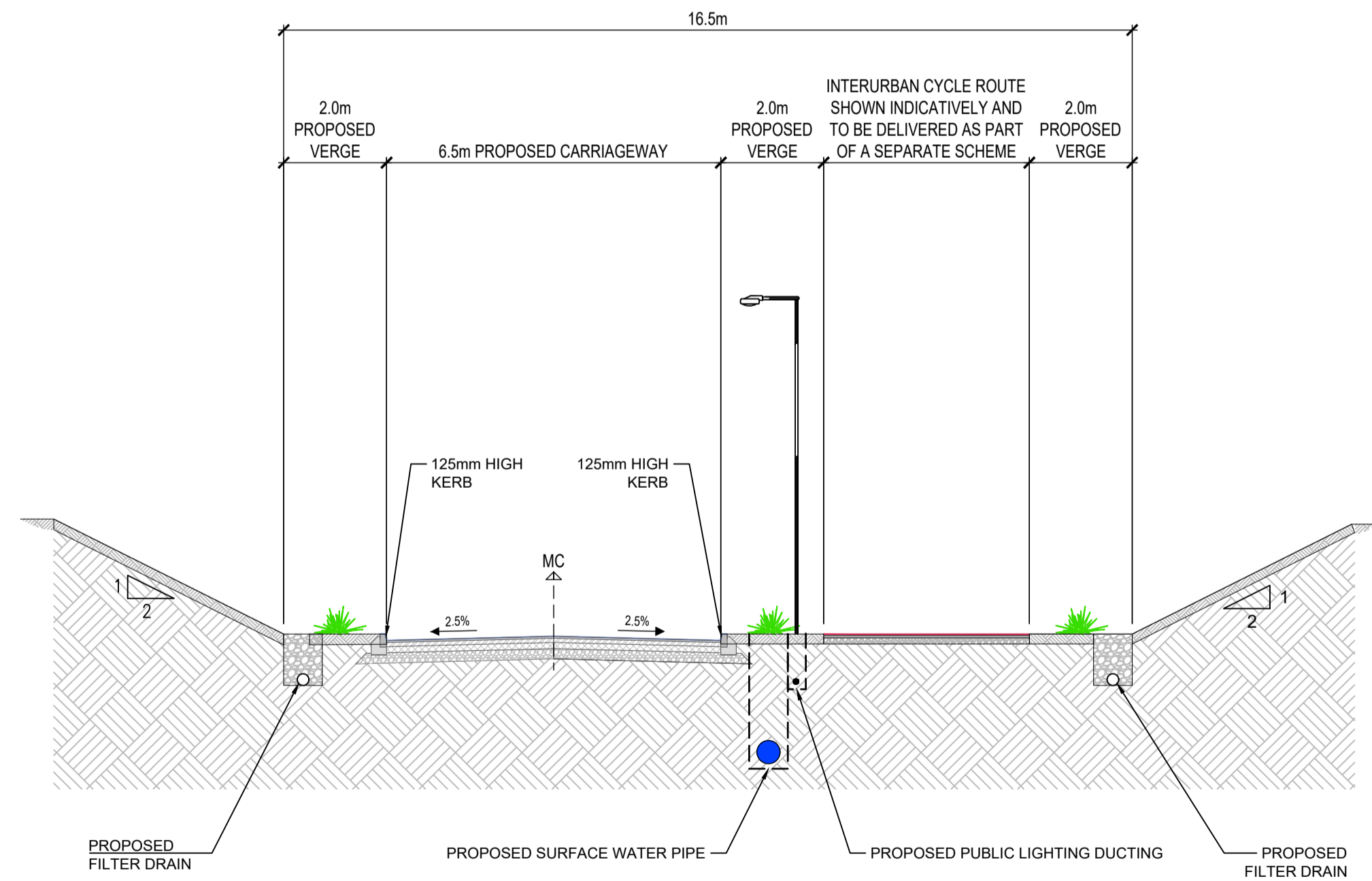
CYCLE TRACK PEDESTRIAN BRIDGE  
TYPICAL CROSS SECTION

GENERAL NOTES

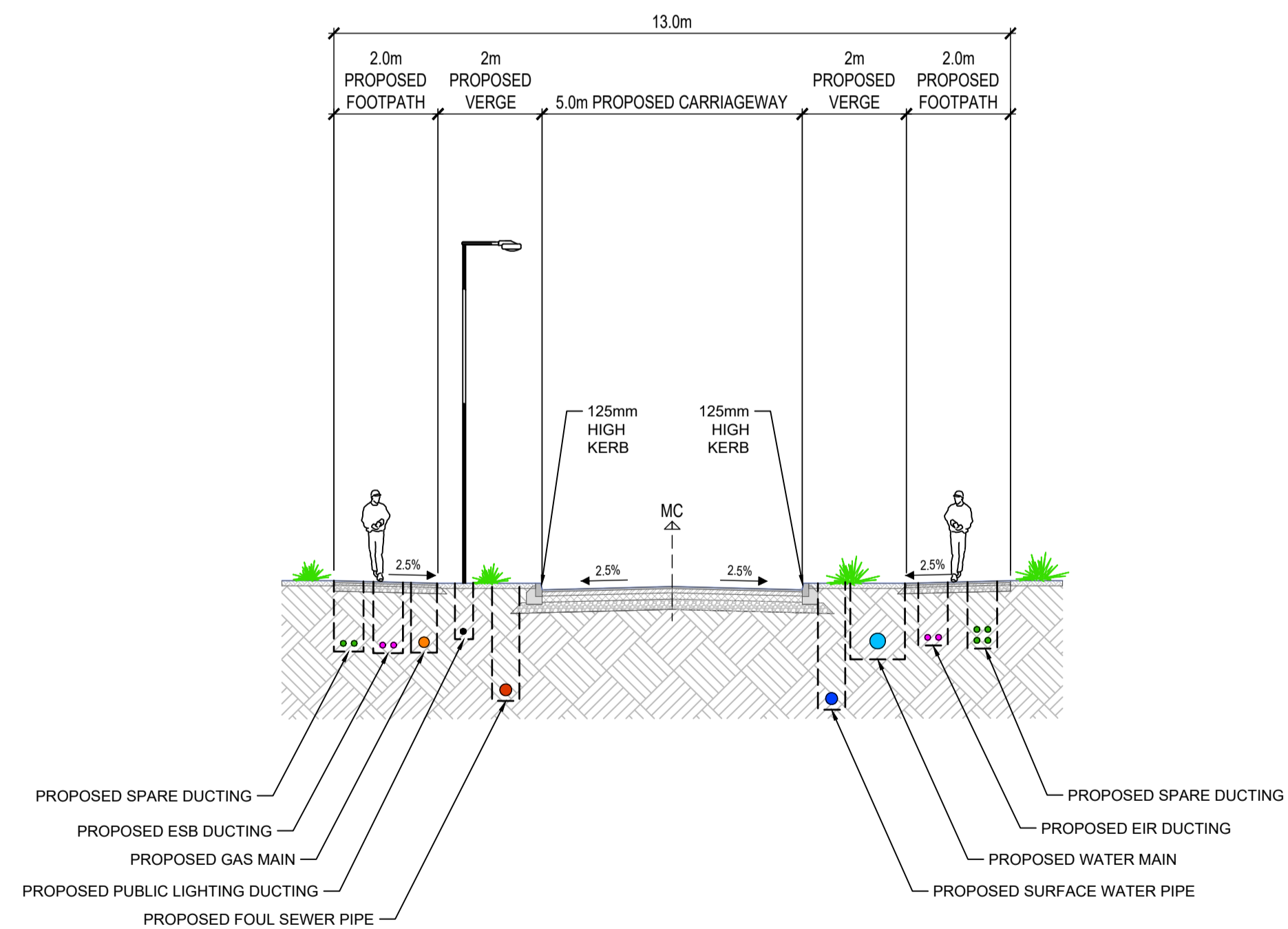
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DRAWING NOTES

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NORTHERN SERVICES CORRIDOR LINK ROAD  
TYPICAL CROSS SECTION



FEEDER ROAD  
TYPICAL CROSS SECTION

Purpose ISSUED FOR PLANNING

Title TYPICAL CROSS SECTIONS  
SHEET 2 OF 3

Original Scale	1:100	Des/Drawn	FMD	Checked	JOC	Authorised	RAN
Date	14/03/23	Date	14/03/23	Date	14/03/23	Date	14/03/23
Status	P	Drawing Number	5194601 / HTR / DR / 0041		Rev	-	

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Atkins House, 150-155 Airside Business Park, Swords, Co. Dublin  
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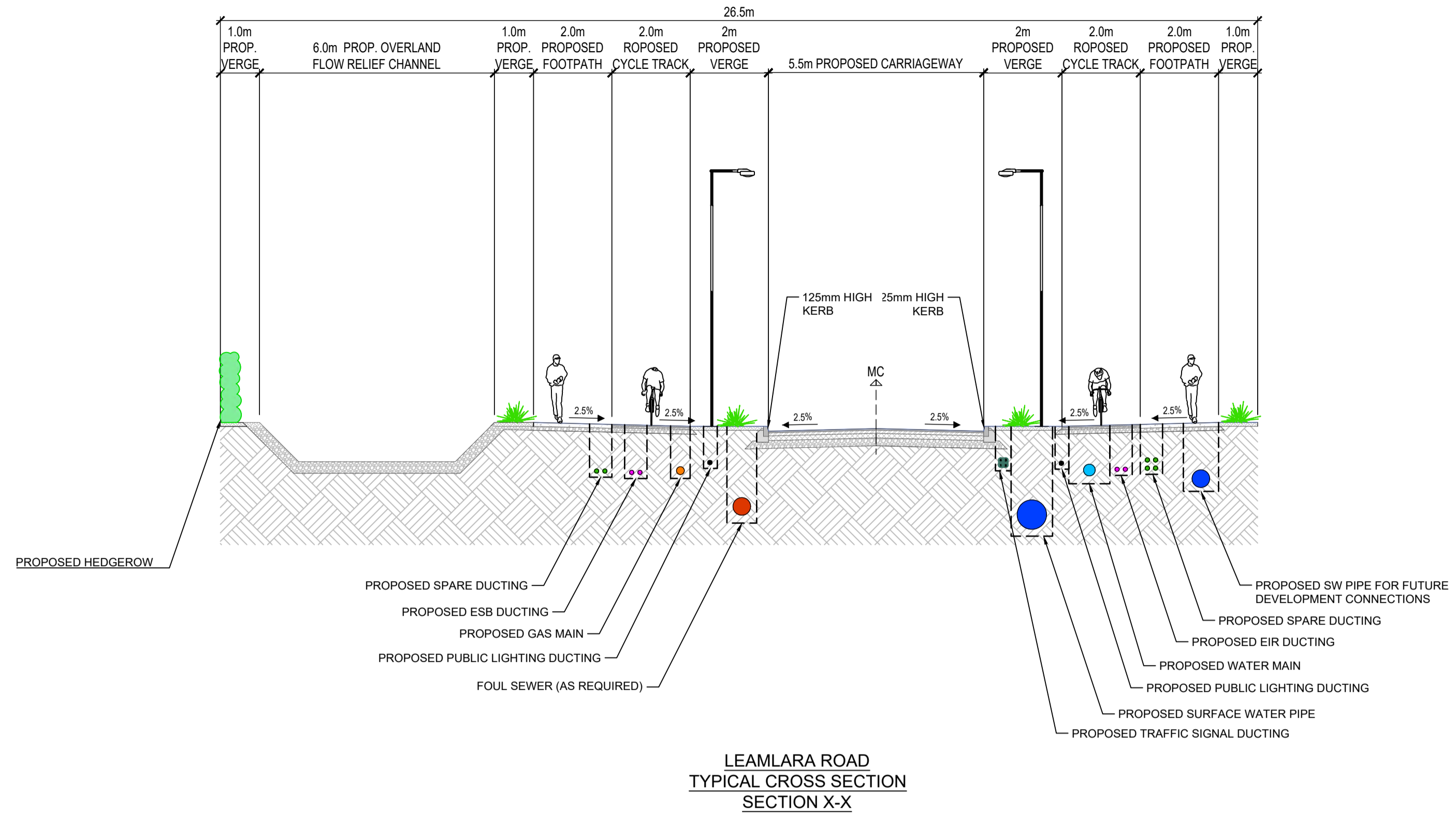
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Tel (+353) 021 429 0300 Fax (+353) 021 429 0360

2nd Floor Technology House Parkmore Technology Park, Galway  
Tel (+353) 091 786 050 Fax (+353) 091 779 830

Clients CORK COUNTY COUNCIL

Project CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE

Rev	Description	By	Date	Chk'd	Auth
-	ISSUED FOR REVIEW	FMD	03/23	JOC	RAN



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- DRAWING NOTES**
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Purpose		ISSUED FOR PLANNING			
Title		TYPICAL CROSS SECTIONS SHEET 3 OF 3			
Original Scale	1:100	Des/Drawn	Checked	Authorised	
		FMD	JOC	RAN	
Date	14/03/23	Date	14/03/23	Date	14/03/23
Status	P	Drawing Number	5194601 / HTR / DR / 0042		Rev
					-

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Tel (+353) 01 810 8000 Fax (+353) 01 810 8001

Unit 2B, 2200 Cork Airport Business Park, Cork  
Tel (+353) 021 429 0300 Fax (+353) 021 429 0360

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Project	CARRIGTWOHILL URDF INITIATIVE - URBAN EXPANSION AREA INFRASTRUCTURE	