

NOTES:

- FOR STANDARD DOBA NOTES REFER TO DRAWING 2431-DOB-XX-SI-DR-S-0001 & S-0002
- REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
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- USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
- REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
- ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES/CONSTRUCTION OF NEW SERVICES
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION
- CONTRACTOR TO ENSURE ALL WATER & WASTEWATER RELATED WORKS ARE IN ACCORDANCE WITH THE IRISH WATER WATER INFRASTRUCTURE & WASTEWATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAILS DOCUMENTS
- TESTING OF ALL GRAVITY SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 4.10 TESTING OF GRAVITY SEWERS & MANHOLES

GENERAL LEGEND:

- EX. BUILDING
- PR. BUILDING
- PR. PERMEABLE PAVING
- PR. TRAFFICKED ROADWAY
- PR. TABLETOP PEDESTRIAN CROSSING
- PR. TYP. CAR PARKING BAY
- PR. TYP. ACCESSIBLE PARKING BAY
- PR. IN-LINE TACTILE PAVING (@ UNCONTROLLED CROSSING)
- PROPOSED PERPENDICULAR TACTILE PAVING (@ UNCONTROLLED CROSSING)
- PROPOSED CORDOUIROY TACTILE PAVING SURFACING (TRAMLINE AND LADDER)
- PROPOSED CORDOUIROY TACTILE PAVING SURFACING (LADDER) FOR PEDESTRIAN ENTERING A SHARED SURFACE
- PROPOSED TACTILE PAVING SURFACING (@ CONTROLLED)
- PR. FOOTPATH - GALLOPS AVENUE
- PROPOSED RAISED CYCLE TRACK
- PROPOSED ON ROAD CYCLE TRACK - GALLOPS AVENUE
- PROPOSED LANDSCAPED VERGE - GALLOPS AVENUE
- PROPOSED ROAD CONTOURS

REFER TO ARCHITECTS DRAWING FOR RED LINE BOUNDARY

DRAFT ISSUE

S2 P03	DRAFT ISSUE	03.03.2026	RR	AK
S2 P02	ISSUED FOR SODA	12.12.2025	AK	DOB
S2 P01	ISSUED FOR 32B	01.08.2025	AK	DOB
Rev.	Note	Date	Drawn	Check

DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS	UNIT 3C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE	P +353 45 984 042 info@dob.ie www.dob.ie
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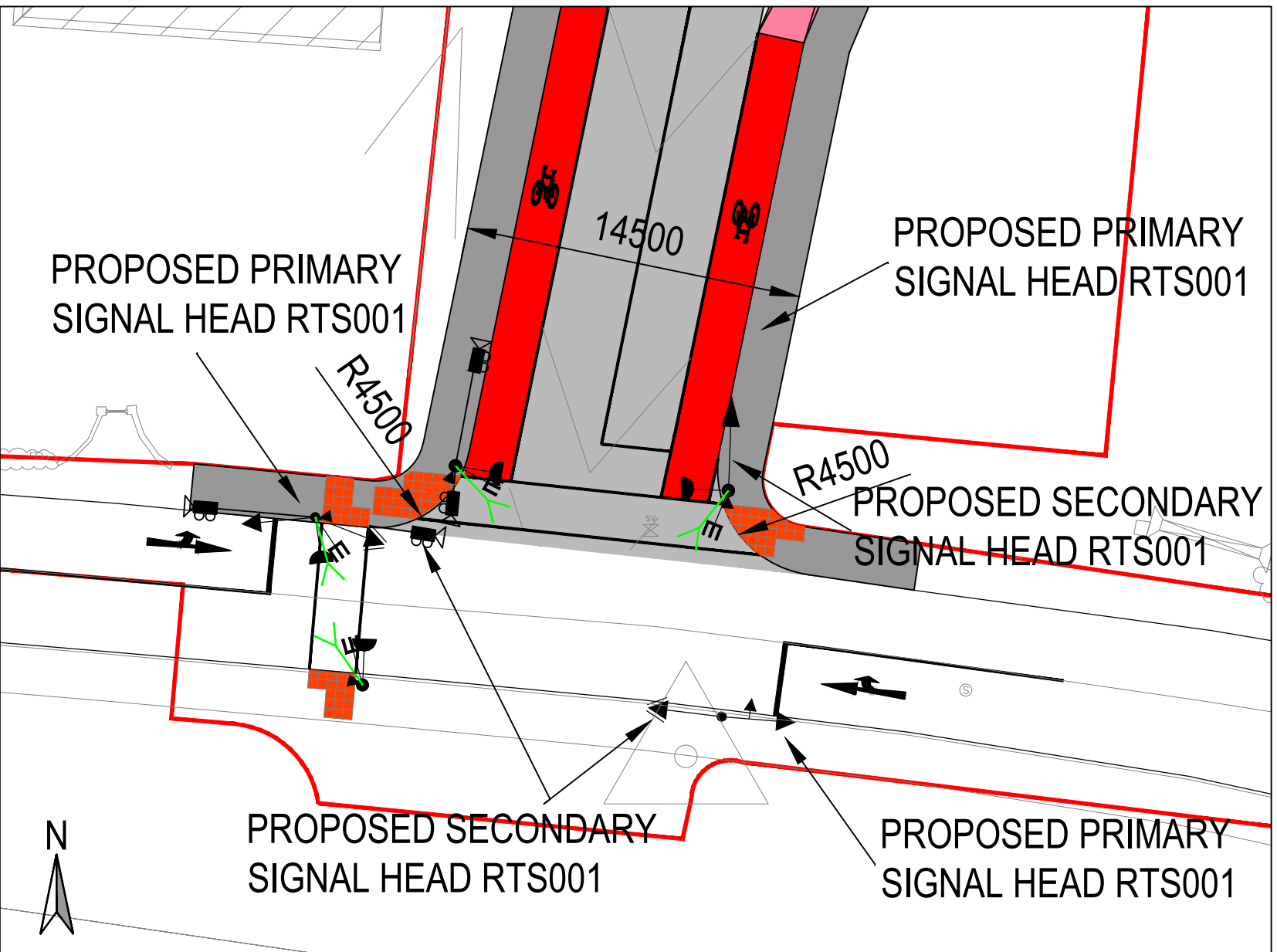
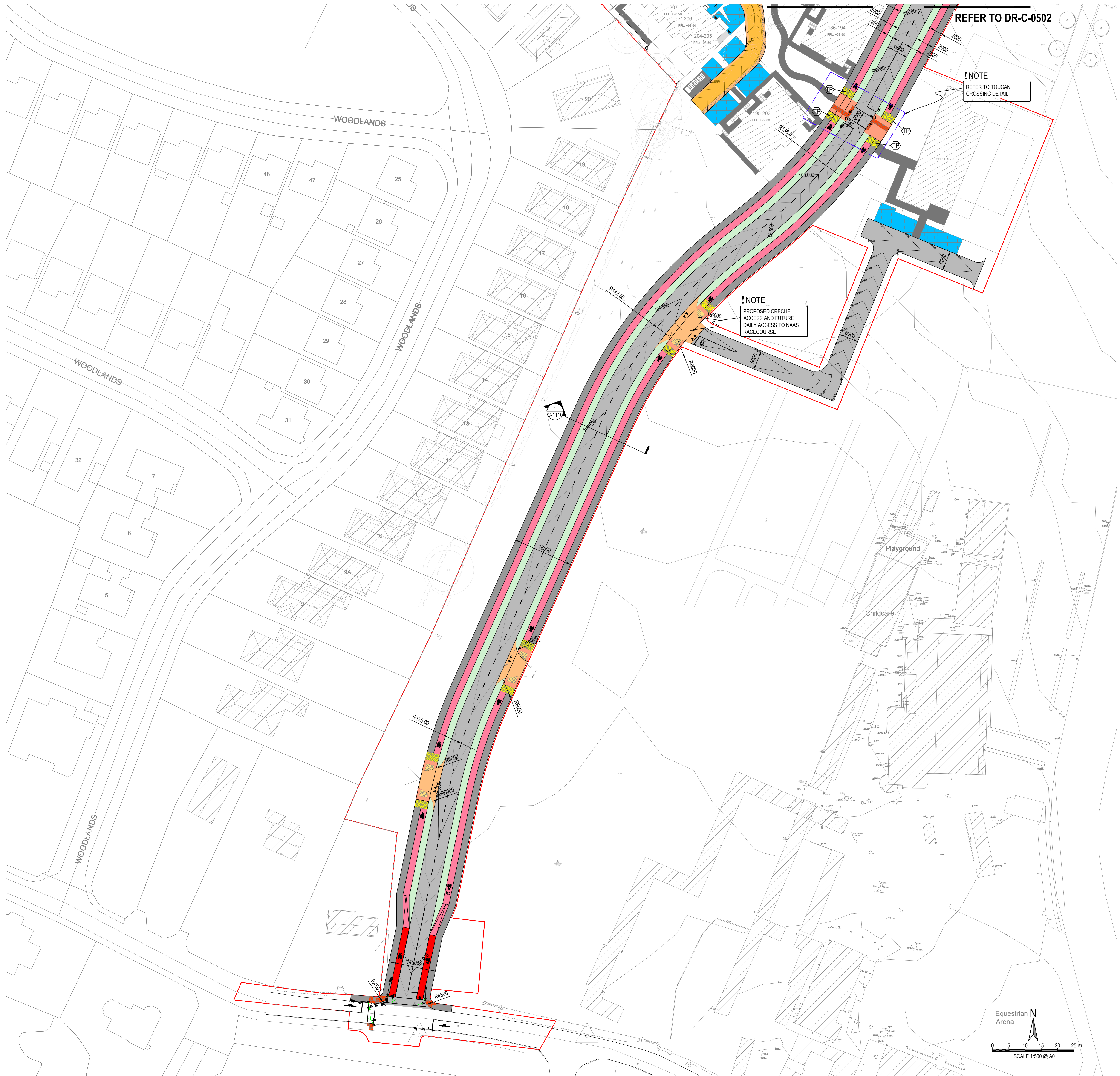
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Project:	DEVELOPMENT AT NAAS RACECOURSE									
Drawing Title:	PROPOSED SITE LAYOUT - OVERALL									
Drawn By:	Checked By:	Approved By:	Date:	Scale:	Sheet Size:					
NQ	AK	DOB	AUG '25	1:1000	A0					
Project Number:	Drawing Number:		Status Code:			Rev Number:				
DOBA2431	2431-DOB-XX-SI-DR-C-0500		S2			P03				

NOTES:

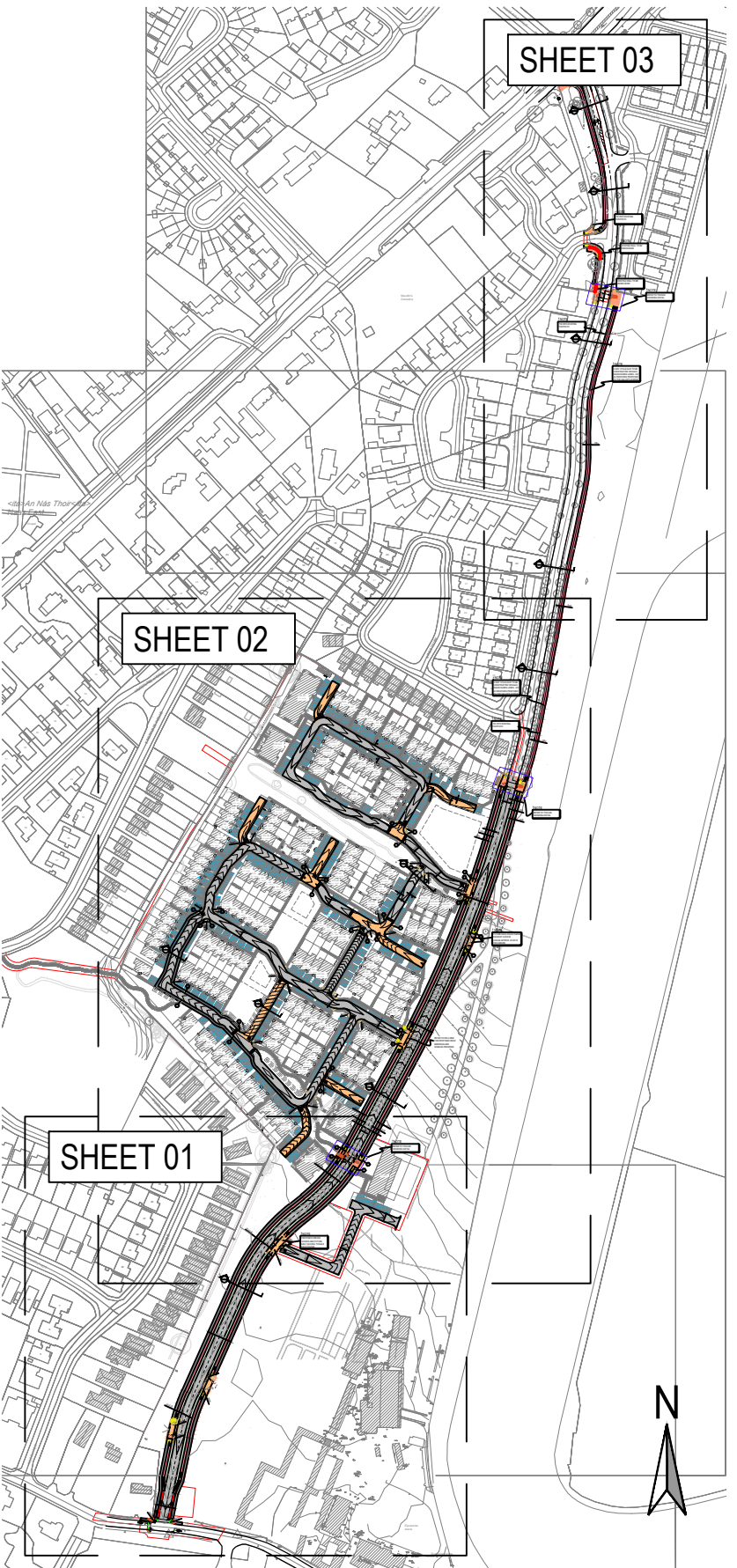
1. FOR STANDARD DOBA NOTES REFER TO DRAWING 2431-DOB-XX-SI-DR-S-001 & S-002
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- PROPOSED ROAD CONTOURS



PROPOSED TIPPER ROAD - SIGNALISED JUNCTION
SCALE: 1:250



KEY PLAN
SCALE: 1:5000

DRAFT ISSUE

S2.P01 DRAFT ISSUE			03.03.2026		RR	AK
Rev.	Note		Date	Drawn	Check	
DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS UNIT 5C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE 01-80000000 WWW.DOBAL.E			P 1353 45 984 042		REGGIONE E MUNICIPIO E	
Client: BALLYMORE DEVELOPMENT LTD.						
Project: DEVELOPMENT AT NAAS RACECOURSE						
Drawing Title: PROPOSED SITE LAYOUT - SHEET 1						
Drawn By: NQ	Checked By: AK	Approved By: DOB	Date: AUG '25	Scale: AS INDICATED	Sheet Size: A0	
Project Number: DOBA2341	Drawing Number: 2431-DOB-XX-SI-DR-C-0501			Status Code: S2	Rev Number: P01	

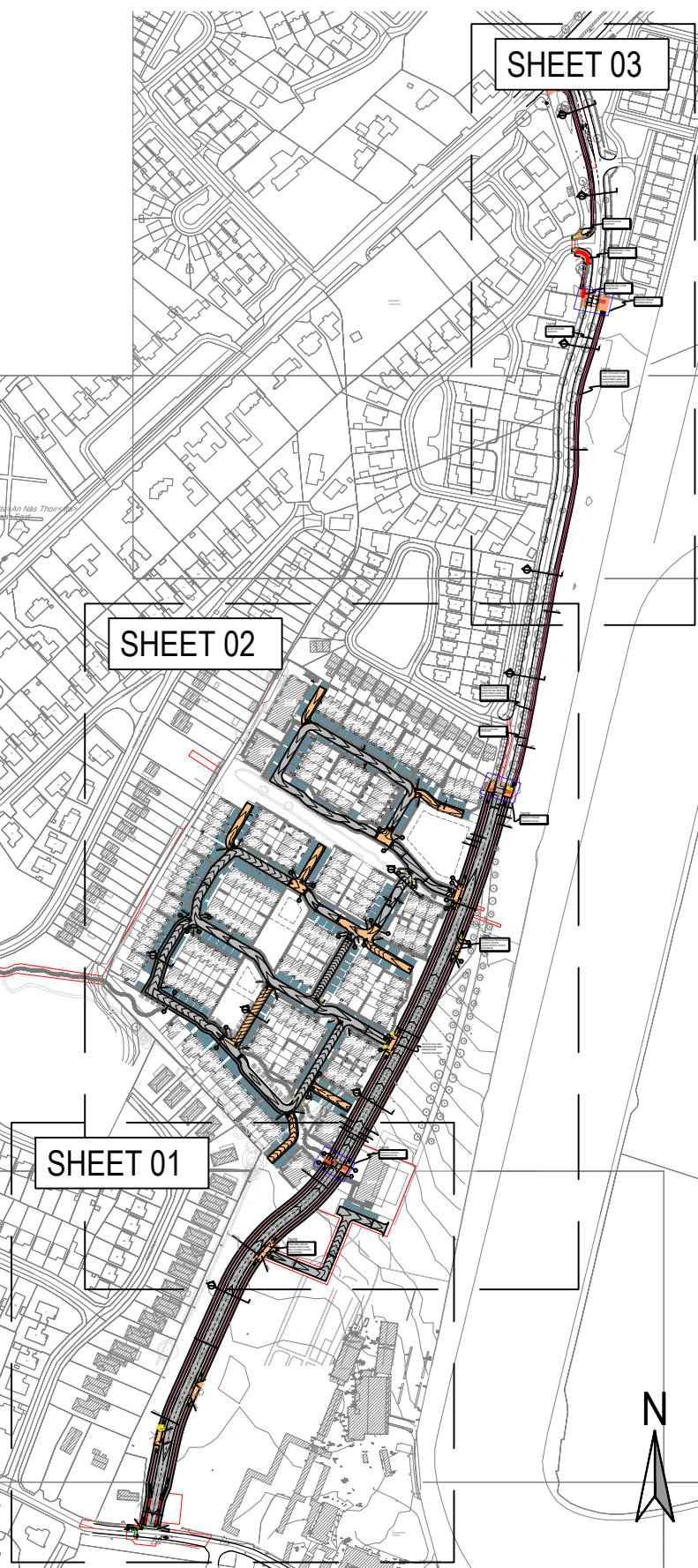


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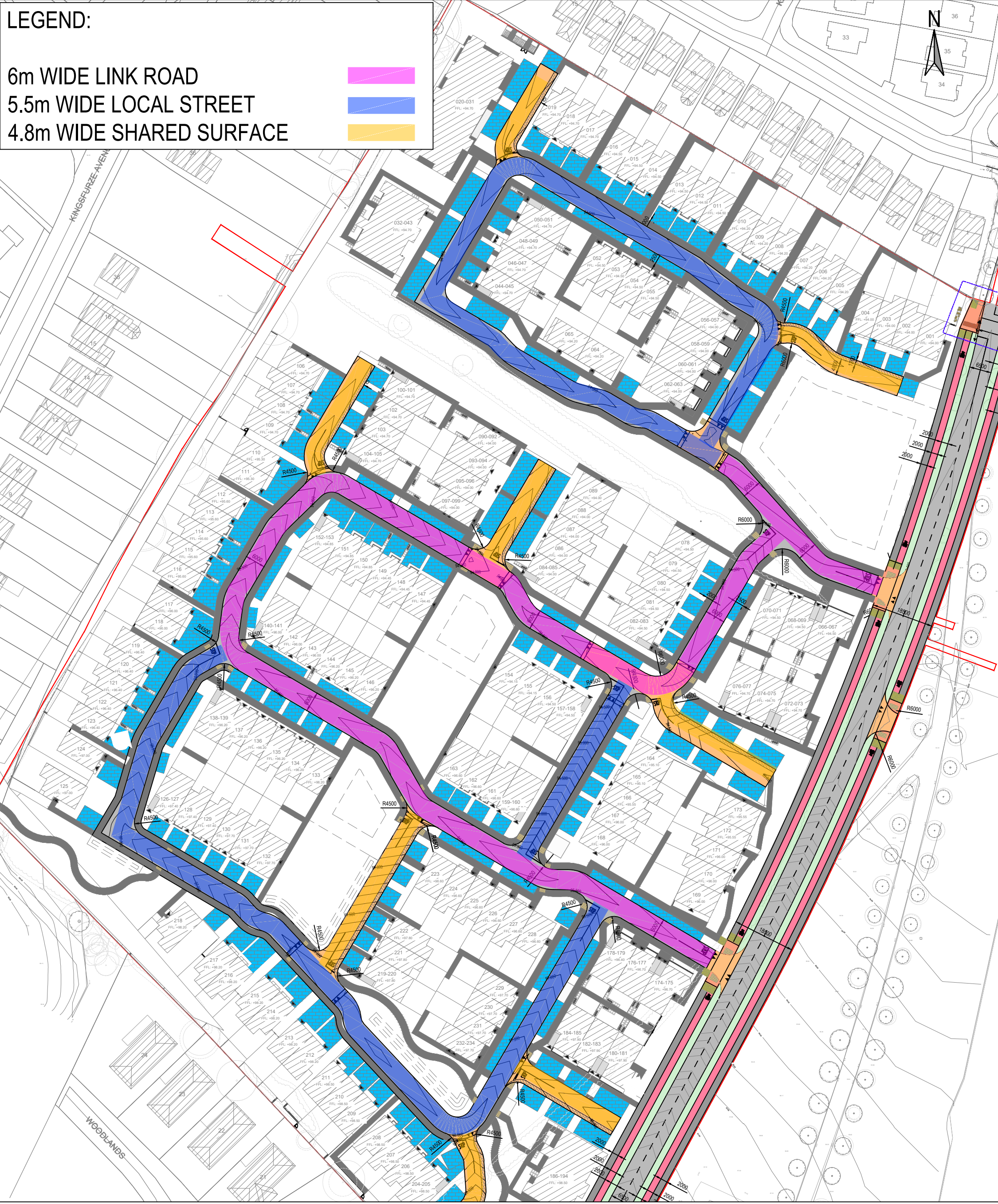
	EX. BUILDING
	PR. BUILDING
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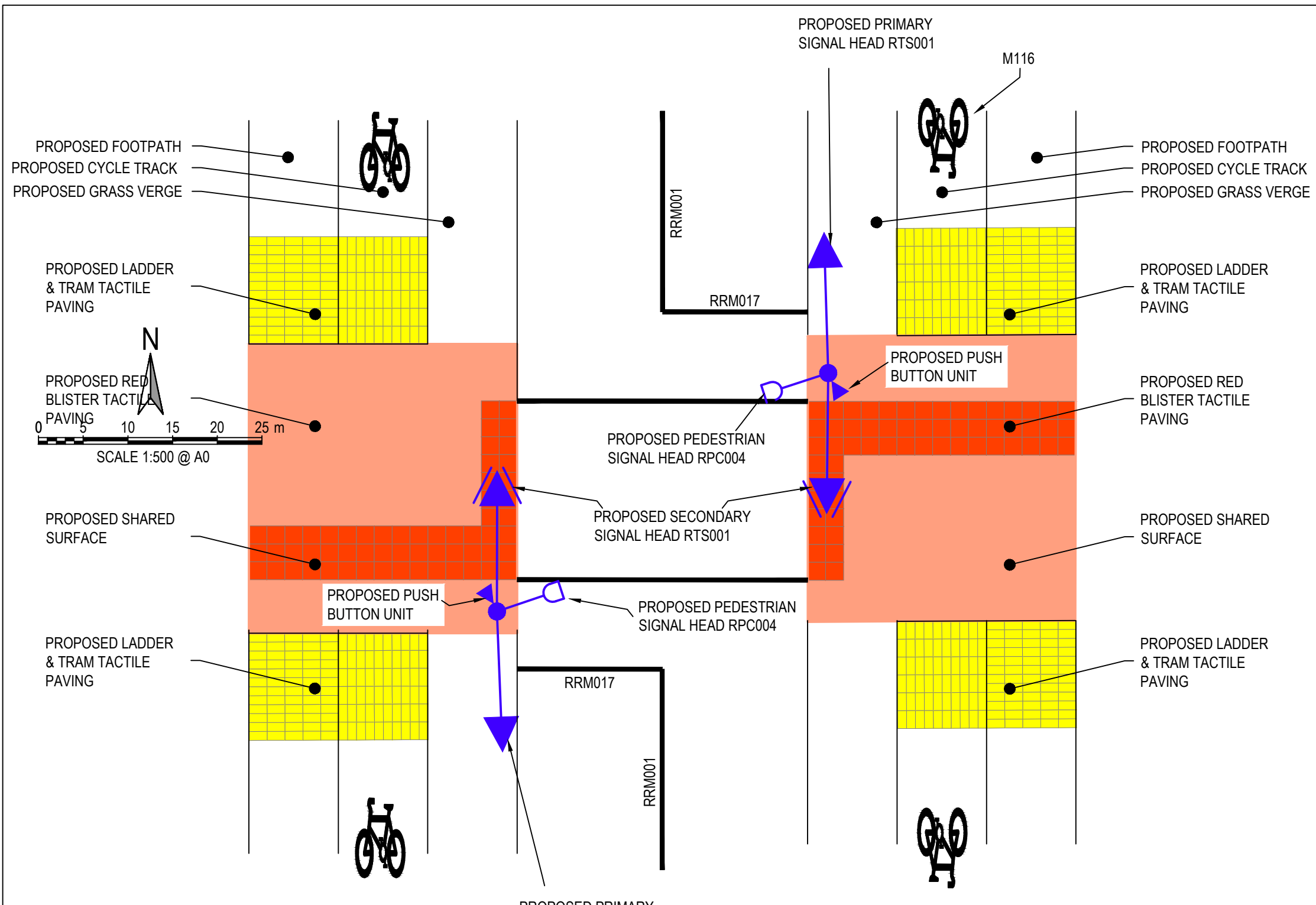
KEY PLAN
SCALE: 1:5000

LEGEND:

	6m WIDE LINK ROAD
	5.5m WIDE LOCAL STREET
	4.8m WIDE SHARED SURFACE



PROPOSED INTERNAL ROADS HIERARCHY
SCALE: 1:500



PROPOSED TOUCAN CROSSING DETAIL
SCALE: 1:500

DRAFT ISSUE

S2 P03	DRAFT ISSUE	03.03.2026	RR	AK
S2 P02	ISSUED FOR SODA	12.12.2025	AK	DOB
S2 P01	ISSUED FOR 32B	01.08.2025	AK	DOB
Rev.	Note	Date	Drawn	Check

DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS	UNIT 5C ELM HOUSE MILLERSHUR PARK NAAS CO. KILDARE	P +353 45 984 042 INFO@DOBA.IE WWW.DOBA.IE
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Client:	BALLYMORE DEVELOPMENT LTD.										
Project:	DEVELOPMENT AT NAAS RACECOURSE										
Drawing Title:	PROPOSED SITE LAYOUT - SHEET 2										
Drawn By:	Checked By:	Approved By:	Date:	Scale:	Sheet Size:						
NQ	AK	DOB	AUG 25	AS INDICATED	A0						
Project Number:			Drawing Number:					Status Code:		Rev Number:	
DOBA2431			2431-DOB-XX-SI-DR-C-0502					S2		P03	

	EX. BUILDING
	PR. BUILDING
	PR. PERMEABLE PAVING
	PR. TRAFFICKED ROADWAY
	PR. TABLETOP PEDESTRIAN CROSSING
	PR. TYP. CAR PARKING BAY
	PR. TYP. ACCESSIBLE PARKING BAY
	PR. IN-LINE TACTILE PAVING @ (UNCONTROLLED CROSSING)
	PROPOSED PERPENDICULAR TACTILE PAVING @ (UNCONTROLLED CROSSING)
	PROPOSED CORRIDORY TACTILE PAVING SURFACING (TRAMLINE AND LADDER)
	PROPOSED CORRIDORY TACTILE PAVING SURFACING (LADDER) FOR PERMABLE ENTERING A SHARED SURFACE
	PROPOSED TACTILE PAVING SURFACING @ (CONTROLLED)
	PR. FOOTPATH - GALLIPS AVENUE
	PROPOSED RAISED CYCLE TRACK
	PROPOSED ON-ROAD CYCLE TRACK - GALLIPS AVENUE
	PROPOSED LANDSCAPED VERGE - GALLIPS AVENUE
	PROPOSED ROAD CONTOURS



S2.P01 DRAFT ISSUE		03.03.2026		RRR	Check
Rev.	Note	Date	Drawn	By	AK

DONNACHADH O'BRIEN

& ASSOCIATES CONSULTING ENGINEERS

UNIT 3C
ELM HOUSE
MILLENNIUM PARK
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Client:	BALLYMORE DEVELOPMENT LTD.
Project:	DEVELOPMENT AT NAAS RACECOURSE
Drawing Title:	PROPOSED SITE LAYOUT - SHEET 3

Drawn By:	Checked By:	Approved By:	Date:	Scale:	Sheet Size:	Rev Number:
NQ	DOB	AK	Aug '25	AS INDICATED	A0	

Project Number:	Drawing Number:	Status Code:	Rev Number:
DOB24231	2431-DOB-XX-SI-DR-C-0503	S2	P01

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GENERAL LEGEND:

- EX. BUILDING
- PR. ROAD
- PR. FOOTPATH
- EX. CONCRETE FOOTPATH
- PROPOSED INDUCTION LOOP
- PROPOSED 1x110mm LOOP DETECTOR DUCT (ORANGE)
- RETENTION SOCKET TO RPSCD1300-02
- PROPOSED CABLE ACCESS CHAMBER (300x300mm TO RPSCD1200/02A WITH FRAME AND COVER TO RPSCD1200/02)
- EXISTING TRAFFIC SIGNAL CABINET

NOTES:
ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORT TRAFFIC SIGNS MANUAL CHAPTER 7 - ROAD MARKINGS
CONTRACTOR RESPONSIBLE FOR PREPARING AND APPLYING FOR ROAD OPENING LICENSE AS REQUIRED BY KCC, INCLUDING PAYING ANY ASSOCIATED CHARGES.

- NOTES:
- PRIOR TO COMMENCEMENT OF DEVELOPMENT THE TYPE AND LOCATION OF CROSSING SHALL BE AGREED WITH KILDARE COUNTY COUNCIL'S TRAFFIC MANAGEMENT SECTION
 - ALL TRAFFIC SIGNAL INSTALLATIONS SHALL RUN ON EXTRA LOW VOLTAGE (ELV) WITH LED SIGNALS. PUSH BUTTON UNITS AND DETECTORS SHALL OPERATE AT A VOLTAGE OF LESS THAN 50V
 - AN OUT-STATION MONITORING UNIT (OMU) WITH BROADBAND MODEM SHALL BE PROVIDED & CONFIGURED WITH THE REMOTE MONITORING SYSTEM/URBAN TRAFFIC CONTROL IN-STATION AT THE TRAFFIC MANAGEMENT CENTRE, NAAS
 - ALL TRAFFIC SIGNAL WORKS SHALL BE UNDERTAKEN BY A KCC APPROVED CONTRACTOR
 - A MINIMUM CLEARANCE OF 450MM FROM THE CARRIAGEWAY EDGE SHALL BE PROVIDED FOR ALL TRAFFIC SIGNAL EQUIPMENT
 - PRISMA ELV PUSH BUTTON UNITS OR EQUAL APPROVED WITH TACTILE & AUDIO SHALL BE PROVIDED. PUSH SHALL BE LOCATED BETWEEN 1.0M AND 1.1M ABOVE FOOTPATH LEVEL
 - TRAFFIC SIGNAL AND PEDESTRIAN HEADS SHALL HAVE A 2.1M MINIMUM CLEARANCE ABOVE FOOTPATH LEVEL
 - NO ROAD CROSSINGS SHALL BE CONSTRUCTED WITHIN THE PEDESTRIAN CROSSING AREA
 - ALL TACTILE PAVING AND FOOTPATH DISHINGS SHALL BE CONSTRUCTED IN CONCRETE BAYS
 - THE TACTILE AREA SHALL BE KEPT FREE OF GULLIES AND CHAMBER COVERS
 - A CLEAR FOOTPATH WIDTH OF 1.2M MINIMUM SHALL BE MAINTAINED BETWEEN ANY STREET FURNITURE IN THE VICINITY OF THE PEDESTRIAN CROSSING
 - ADEQUATE PUBLIC LIGHTING SHALL BE PROVIDED IN THE VICINITY OF THE CROSSING. ANY ADDITIONAL PL REQUIREMENTS SHALL BE AGREED PRIOR TO COMMENCEMENT OF DEVELOPMENT
 - THE DEVELOPER/MAN CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPLICATION FOR AND PROVISION OF AN ESB POWER SUPPLY. ALL WORKS TO BE CARRIED OUT AS PER ESB REQUIREMENTS
 - THE DEVELOPER/MAN CONTRACTOR SHALL SUBMIT ESB POWER SUPPLY DETAILS TO KILDARE COUNTY COUNCIL. THESE SHALL INCLUDE TMPRN FOR UNMETERED SUPPLY AND PHOTOS OF MICRO-PILLAR FEED FOR INSTALLATION
 - A 2.0M MINIMUM SEPARATION DISTANCE SHALL BE PROVIDED BETWEEN THE CONTROLLER UNIT AND MICRO-PILLAR
 - ADVANCE WARNING SIGNS SHALL BE PROVIDED ON BOTH APPROACHES TO THE CROSSING
 - ALL ROAD MARKINGS AND SIGNAGE ARE TO BE PROVIDED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AND AS AGREED WITH KILDARE COUNTY COUNCIL
 - ALL DUCTS SHALL BE PROVIDED WITH A DRAIN CORD WHICH SHALL BE MAINTAINED ON COMPLETION OF THE CABLE INSTALLATION
 - ALL CHAMBER COVERS SHALL BE IDS ELITE EN1245 B125 OR EQUAL APPROVED TRAFFIC SIGNAL CHAMBERS OF ROAD GRADE QUALITY
 - COMPOSITE CHAMBERS SHALL BE IDS DATUM B125 OR EQUAL
 - TRENCHES IN CARRIAGEWAY AND FOOTPATH CONSTRUCTIONS GENERALLY SHALL BE REINSTATED AS A MINIMUM STANDARD IN ACCORDANCE WITH THE DOCUMENT 'REQUIREMENTS FOR THE REINSTATEMENT OF OPENINGS IN NATIONAL ROADS', PUBLISHED BY TRANSPORT INFRASTRUCTURE IRELAND, MAY 2019
 - A CONCRETE PLINTH SHALL BE PROVIDED FOR THE CONTROLLER UNIT AND MICRO-PILLAR
 - EQUIPMENT SUPPLIED SHALL BE IN CONFORMITY WITH THE REGULATIONS MADE BY THE DEPARTMENT OF ENVIRONMENT, UNDER THE PROVISIONS OF THE ROADS TRAFFIC ACTS, UNLESS OTHERWISE SPECIFIED. ALL EQUIPMENT SHALL BE IN CONFORMITY WITH AND COMPLY WITH THE REQUIREMENTS OF EUROPEAN STANDARD IS EN 12368-2000 TRAFFIC CONTROL EQUIPMENT - SIGNAL HEADS & IS EN 12072/2018 TR2600 - TRAFFIC SIGNAL CONTROLLERS. IN CASE OF CONFLICT IN THE SPECIFICATION OR BETWEEN THE SPECIFICATION AND ANY DRAWINGS, KILDARE COUNTY COUNCIL SHALL DECIDE WHICH PROVISION SHALL PREVAIL.

SERVICES NOTES:

- CONTRACTOR TO ALLOW FOR REINSTATEMENT OF CARRIAGEWAY / FOOTPATHS ALONG ROUTE OF PROPOSED NEW DUCTS AND SERVICES
- CONTRACTOR TO COORDINATE FINAL ROUTE OF ALL NEW DUCTING WITH EXISTING SERVICES, ALLOW FOR RESETTling OF ALL EXISTING CHAMBER LIDS IN ROUTE OF EXCAVATIONS FOR NEW INSTALLATIONS



KEY PLAN
SCALE: 1:5000

DRAFT ISSUE

S2 P02	DRAFT ISSUE	03.03.2026	RR	AK
S2 P01	DRAFT ISSUE	22.12.2025	AK	DOB
Rev.	Note	Date	Drawn	Check
===== DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS =====		UNIT 5C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE		P +3 45 984 042 IF YOU GO E WWW.DONAE.E
Client: BALLYMORE DEVELOPMENT LTD.				
Project: DEVELOPMENT AT NAAS RACECOURSE				
Drawing Title: PR. TIPPER ROAD JUNCTION SERVICES LAYOUT				
Drawn By: NO	Checked By: AK	Approved By: DOB	Date: AUG '25	Scale: AS SHOWN
Sheet Size: A0		Rev Number:		
Project Number: DOBA2341	Drawing Number: 2431-DOB-XX-SI-DR-C-0610		Status Code: S2	Rev Number: P02

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SIGNAL CONTROLLER

- THE SIGNALISED JUNCTION SHALL BE AN ADAPTIVE TRAFFIC CONTROL SYSTEM WITH DETECTORS AS SPECIFIED.
- A LTO INTERFACE WITH GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS (GSM) MODEM SHALL BE PROVIDED & CONFIGURED WITH A RMS STATION TO BE PROVIDED AT THE CLANE MAYNOOTH MUNICIPAL DISTRICT OFFICE
- THE TRAFFIC SIGNAL CONTROLLER SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST TRANSPORT INFRASTRUCTURE IRELAND SPECIFICATIONS FOR TRAFFIC CONTROL.
- THE SIGNAL CONTROLLER SHALL BE HOUSED IN A GALVANISED STEEL CABINET. THE CABINET WILL BE PROVIDED BY THE CLIENT.
- THE LOCATION AND LAYOUT OF THE CONTROLLER AND BASE SHALL BE AS SHOWN ON THIS DRAWING.

SIGNAL POLES

- SIGNAL POLES SHALL BE 114MM OUTSIDE DIAMETER OF GALVANISED PLASTIC COATED STEEL, 4M LONG, WITH PRE-DRILLED FIXING HOLES AND FITTED WITH A PLASTIC CAP.
- SIGNAL POLES SHALL BE ERECTED IN NEW RETENTION SOCKET TO RPSCD 1300/02. THE RETENTION SOCKET WILL BE PROVIDED BY THE CLIENT.
- THE LOCATION AND POSITION OF POLES SHALL BE SHOWN ON THIS DRAWING AND ON RPSCD/1200/5.
- NEW POLES TO BE ERECTED ON EXISTING POLE LOCATIONS

SIGNAL HEADS

- SIGNAL HEADS SHALL BE APPROVED TO THE APPROPRIATE UK HIGHWAYS AGENCY STANDARD /SPECIFICATION
- MOUNTING OF SIGNAL HEADS SHALL BE IN ACCORDANCE WITH RPSCD/1200/5.
- PUSH BUTTON UNITS TO BE PRISMA DAPS WITH TACTILE & AUDIO TO BE PROVIDED.

DETECTION

- KERBSIDE DETECTORS AND INDUCTIVE GROUND LOOP DETECTORS SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE APPROPRIATE UK DETR/HA SPECIFICATION

GENERAL ITEMS RELATING TO SIGNALS

- THE WORKS SHALL INCLUDE ALL CABLING REQUIRED FOR THE INTER - CONNECTION OF THE SIGNAL HEADS, PUSH BUTTONS, DETECTORS, CONTROLLER AND CCTV CAMERAS.
- TRAFFIC MANAGEMENT SHALL BE PROVIDED AS REQUIRED.
- ALL TRAFFIC SIGNAL INSTALLATIONS SHALL RUN ON EXTRA LOW VOLTAGE (ELV) WITH LED SIGNALS, PUSH BUTTON UNITS AND DETECTORS SHALL OPERATE AT A VOLTAGE OF LESS THAN 50V
- TRAFFIC SIGNAL AND PEDESTRIAN HEADS SHALL HAVE A 2.1M MINIMUM CLEARANCE ABOVE FOOTPATH LEVEL.
- ALLOW FOR REPLACEMENT OF ALL EXISTING TRAFFIC SIGNAL POLES
- FINAL DESIGN AND CONTROL OF SIGNALS TO SPECIALIST DESIGN AND DETAILS.
- CONTRACTOR TO PROVIDE FOR ALL TEMPORARY TRAFFIC MANAGEMENT TO FACILITATE ROAD UPGRADE WORKS. A TRAFFIC MANAGEMENT PLAN IS TO BE PREPARED, BY THE CONTRACTOR, TO THE SATISFACTION OF KILDARE CO. CO. AND IMPLEMENTED IN FULL FOR THE DURATION OF THE ROAD UPGRADE WORKS.

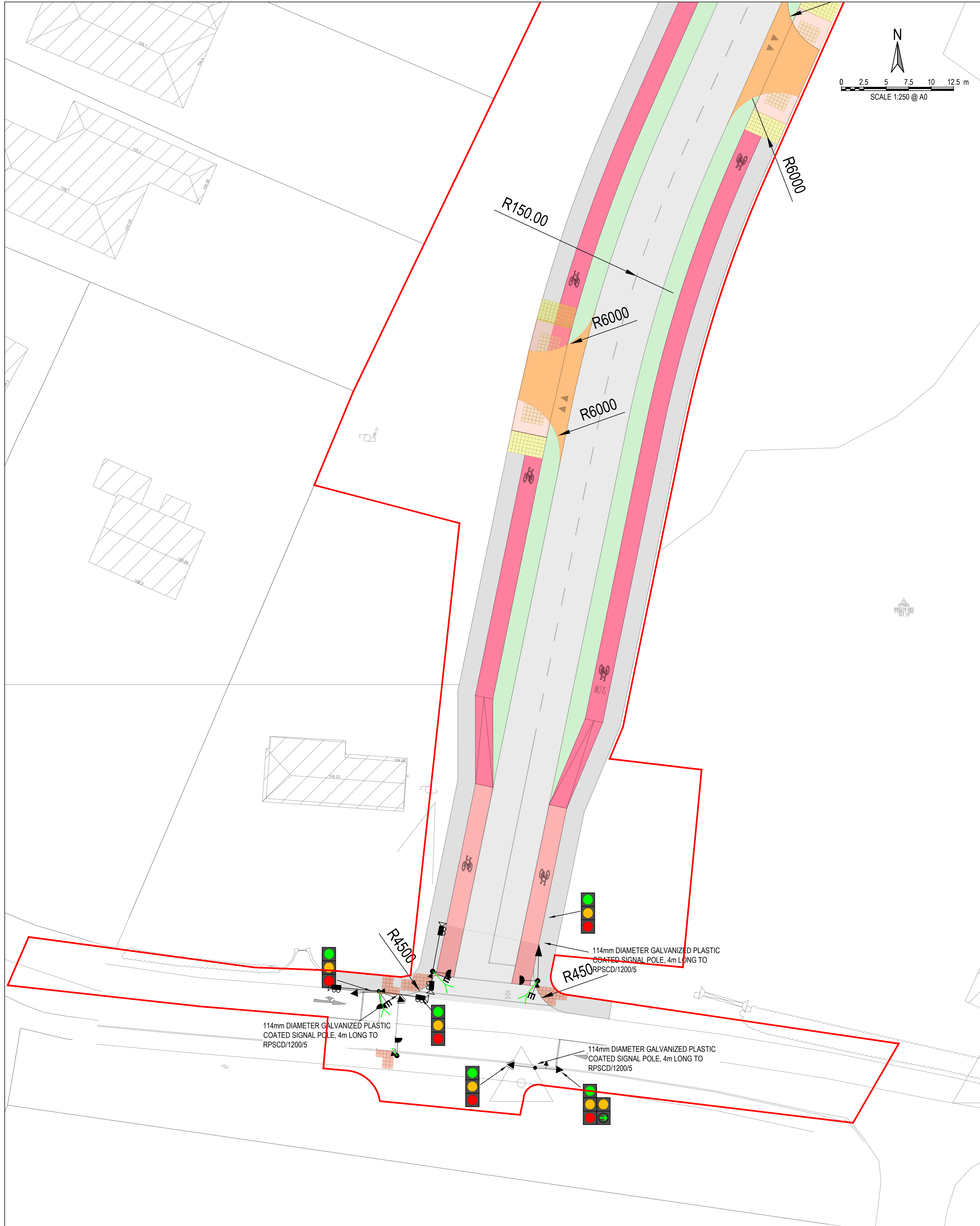
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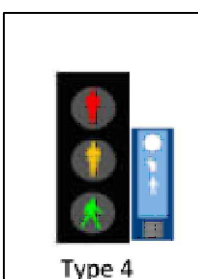
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- ALL TRAFFIC SIGNAL WORKS SHALL BE UNDERTAKEN BY A KCC APPROVED CONTRACTOR
- A MINIMUM CLEARANCE OF 450MM FROM THE CARRIAGEWAY EDGE SHALL BE PROVIDED FOR ALL TRAFFIC SIGNAL EQUIPMENT
- PRISMA ELV PUSH BUTTON UNITS OR EQUAL APPROVED WITH TACTILE & AUDIO SHALL BE PROVIDED. PBUS SHALL BE LOCATED BETWEEN 1.0M AND 1.1M ABOVE FOOTPATH LEVEL
- TRAFFIC SIGNAL AND PEDESTRIAN HEADS SHALL HAVE A 2.1M MINIMUM CLEARANCE ABOVE FOOTPATH LEVEL
- NO ROAD CROSSINGS SHALL BE CONSTRUCTED WITHIN THE PEDESTRIAN CROSSING AREA
- ALL TACTILE PAVING AND FOOTPATH DISHINGS SHALL BE CONSTRUCTED IN CONCRETE BAYS
- THE TACTILE AREA SHALL BE KEPT FREE OF GULLIES AND CHAMBER COVERS
- A CLEAR FOOTPATH WIDTH OF 1.2M MINIMUM SHALL BE MAINTAINED BETWEEN ANY STREET FURNITURE IN THE VICINITY OF THE PEDESTRIAN CROSSING
- ADEQUATE PUBLIC LIGHTING SHALL BE PROVIDED IN THE VICINITY OF THE CROSSING. ANY ADDITIONAL PL REQUIREMENTS SHALL BE AGREED PRIOR TO COMMENCEMENT OF DEVELOPMENT
- THE DEVELOPER/MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPLICATION FOR AND PROVISION OF AN ESB POWER SUPPLY. ALL WORKS TO BE CARRIED OUT AS PER ESB REQUIREMENTS
- THE DEVELOPER/MAIN CONTRACTOR SHALL SUBMIT ESB POWER SUPPLY DETAILS TO KILDARE COUNTY COUNCIL. THESE SHALL INCLUDE TMFRN FOR UNMETERED SUPPLY AND PHOTOS OF MICRO-PILLAR FEED FOR INSTALLATION
- A 2.0M MINIMUM SEPARATION DISTANCE SHALL BE PROVIDED BETWEEN THE CONTROLLER UNIT AND MICRO-PILLAR
- ADVANCE WARNING SIGNS SHALL BE PROVIDED ON BOTH APPROACHES TO THE CROSSING
- ALL ROAD MARKINGS AND SIGNAGE ARE TO BE PROVIDED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AND AS AGREED WITH KILDARE COUNTY COUNCIL
- ALL DUCTS SHALL BE PROVIDED WITH A DRAW CORD WHICH SHALL BE MAINTAINED ON COMPLETION OF THE CABLE INSTALLATION
- ALL CHAMBER COVERS SHALL BE IDS ELITE EN124-5 B125 OR EQUAL APPROVED TRAFFIC SIGNAL CHAMBERS OF ROAD GRADE QUALITY
- COMPOSITE CHAMBERS SHALL BE IDS 0.1M B125 OR EQUAL
- TRENCHES IN CARRIAGEWAY AND FOOTPATH CONSTRUCTIONS GENERALLY SHALL BE REINSTATED AS A MINIMUM STANDARD IN ACCORDANCE WITH THE DOCUMENT 'REQUIREMENTS FOR THE REINSTATEMENT OF OPENINGS IN NATIONAL ROADS', PUBLISHED BY TRANSPORT INFRASTRUCTURE IRELAND, MAY 2019
- A CONCRETE PLINTH SHALL BE PROVIDED FOR THE CONTROLLER UNIT AND MICRO-PILLAR
- EQUIPMENT SUPPLIED SHALL BE IN CONFORMITY WITH THE REGULATIONS MADE BY THE DEPARTMENT OF ENVIRONMENT, UNDER THE PROVISIONS OF THE ROADS TRAFFIC ACTS. UNLESS OTHERWISE SPECIFIED, ALL EQUIPMENT SHALL BE IN CONFORMITY WITH AND COMPLY WITH THE REQUIREMENTS OF EUROPEAN STANDARD IS EN 12368:2000 TRAFFIC CONTROL EQUIPMENT - SIGNAL HEADS & IS EN 12675:2001 & TR2500 - TRAFFIC SIGNAL CONTROLLERS. IN CASE OF CONFLICT IN THE SPECIFICATION OR BETWEEN THE SPECIFICATION AND ANY DRAWINGS, KILDARE COUNTY COUNCIL SHALL DECIDE WHICH PROVISION SHALL PREVAIL.
-



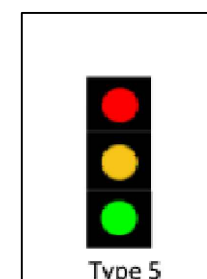
PROPOSED SIGNALLING LAYOUT - VISUALISATION
SCALE 1:250



PROPOSED SIGNALLING LAYOUT - DETAILS
SCALE 1:250



TYPE 4
PRIMARY SIGNAL HEAD



TYPE 5
PRIMARY SIGNAL HEAD

TRAFFIC SIGNAL LEGEND

- PRIMARY SIGNAL HEAD
- SECONDARY SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN DEMAND UNIT ONLY (POLE MOUNTED AUDIBLE & TACTILE VIBRATING TRAFFIC SIGNAL CONTROL FOR PEDESTRIANS)
- DIGITAL KERBSIDE DETECTOR UNIT
- PEDESTRIAN MOTION SENSING DETECTION UNIT
- POLE MOUNTED CCTV CAMERA

DRAFT ISSUE

S2.P03	DRAFT ISSUE	03.03.2026	RR	AK
S2.P02	DRAFT ISSUE	22.12.2025	AK	DOB
Rev	Note	Date	Drawn	Check
1				
DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS				
UNIT 5C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE P +353 45 984 042 WWW.DOB.ie				
Client: BALLYMORE DEVELOPMENT LTD.				
Project: DEVELOPMENT AT NAAS RACECOURSE				
Drawing Title: PR. TIPPER ROAD JUNCTION SIGNALLING LAYOUT				
Drawn By: N.O.	Checked By: AK	Approved By: DOB	Date: AUG 25	Scale: 1:250
Project Number: DOBA2341	Drawing Number: 2431-DOB-XX-SI-DR-C-0615		Status Code: S2	Rev Number: P03