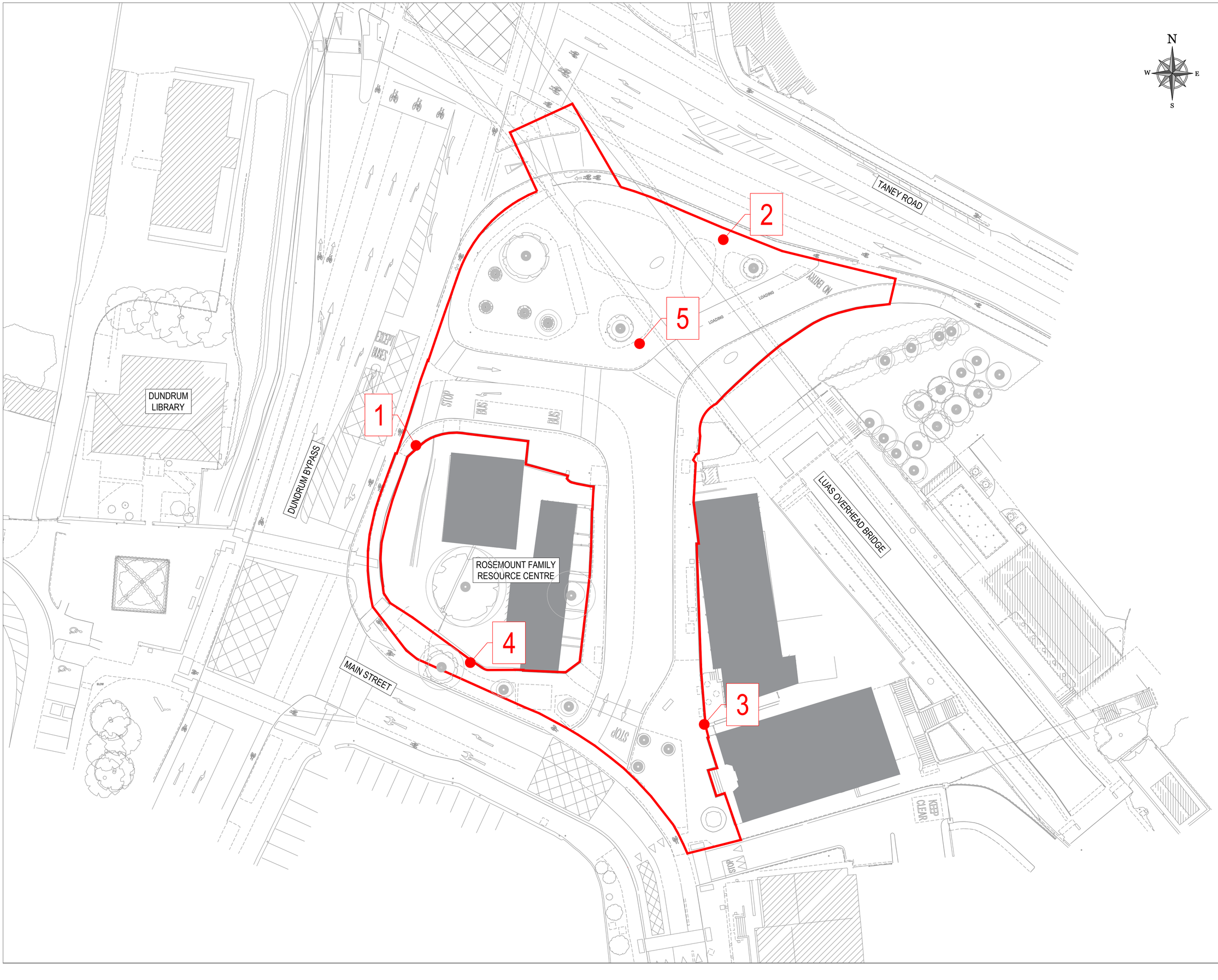

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ON ORIGINAL

0 5 10 20 30 40 50mm

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LEGEND:

EXTENTS OF WORKS BOUNDARY

X LOCATIONS OF SITE NOTICES ERECTED

rev	date	description	by	chkd.
2	11-11-2026	FINAL PART VIII ISSUE	ICJ	EC
1	17-09-2026	PART VIII ISSUE	TOB	EC
0	31-07-2026	PART VIII ISSUE	TOB	EC

STATUS CODES

purpose	acceptance
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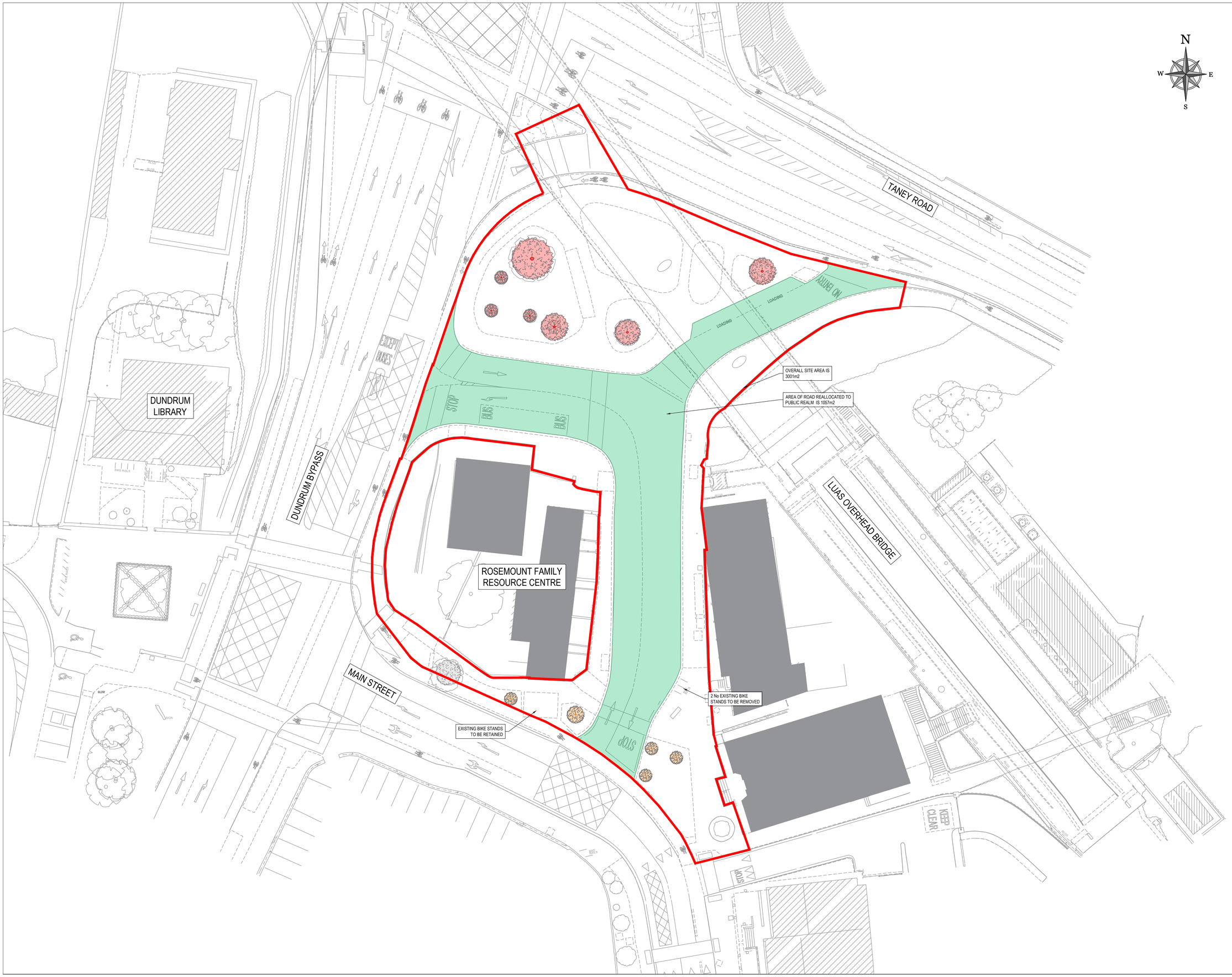
project ref.
PUBLIC REALM AND PLAZA. EAST/NORTH OF WALDEMAR TCE

drawing title
SITE EXTENTS

client
DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

designed by	author	scale	sheet size
EC	TOB	1:250	A1

drawing no. 260051-X-0000-Z00-DTM-DR-DBFL-CE-1001 | revision 2



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LEGEND:

- EXTENT OF WORKS BOUNDARY
- OVERALL SITE AREA
- AREA OF ROAD REALLOCATED TO PUBLIC REALM
- EXISTING TREE TO BE RETAINED(1)
- EXISTING TREE TO BE REMOVED (7)
- EXISTING TREE TO BE REMOVED AND RELOCATED (5)

rev	date	description	by	chkd.
0	11-11-2026	PART VIII ISSUE	ICJ	EC

STATUS CODES

purpose	acceptance
P3 - PLANNING PERMISSION	S - ISSUED

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drawing title
EXISTING SITE LAYOUT

client
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designed by	author	scale	sheet size
EC	ICJ	1:250	A1

drawing no. 260051-X-0000-Z00-DTM-DR-DBFL-CE-1002 | revision 0



ON ORIGINAL

0 5 10 20 30 40 50mm

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LEGEND:

- EXTENT OF WORKS BOUNDARY
- PROPOSED CYCLE STANDS
- PROPOSED BIKE REPAIR STATION
- PROPOSED CONTROLLED CROSSING TACTILE PAVING
- PROPOSED UNCONTROLLED CROSSING TACTILE PAVING
- PROPOSED LOCKABLE BOLLARDS
- PROPOSED TRAFFIC SIGNAL POLE
- PROPOSED TREE
- EXISTING TREE TO BE RETAINED

LEGEND - LANDSCAPE ARCHITECT:

REFER TO AIT DRAWING NO 26DR02_001 FOR PROPOSED LANDSCAPE DESIGN DETAILS

- PROPOSED PEDESTRIAN AREA
- PROPOSED GRASS VERGE / LANDSCAPING
- PROPOSED SCULPTURAL SEATING
- PROPOSED BENCH
- EXISTING MONUMENT
- PROPOSED PODIUM
- PROPOSED SUDS / RAIN GARDEN. REFER TO DBFL DWG NO: 260051-X-0500-Z00-DTM-DR-DBFL-CE-1301 DRAINAGE LAYOUT FOR PROPOSED SCHEME DRAINAGE DESIGN DETAILS

rev	date	description	by	chkd.
2	11-11-2026	FINAL PART VIII ISSUE	ICJ	EC
1	17-09-2026	PART VIII ISSUE	TOB	EC
0	31-07-2026	PART VIII ISSUE	TOB	EC

STATUS CODES

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EAST/NORTH OF WALDEMAR TCE

drawing title

GENERAL ARRANGEMENT

client

DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

designed by	author	scale	sheet size
EC	TOB	1:250	A1

drawing no.	revision
260051-X-0100-Z00-DTM-DR-DBFL-CE-1201	2



FIRE TRUCK SWEPT PATH ANALYSIS
SCALE 1:250



FOOD TRUCK SWEPT PATH ANALYSIS
SCALE 1:250

ON ORIGINAL

0 5 10 20 30 40 50mm

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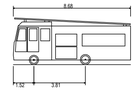
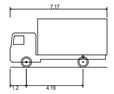
NOTES:



DB32 Fire Appliance

Overall Length	8.680m
Overall Width	2.180m
Overall Body Height	3.452m
Min Body Ground Clearance	0.337m
Max Track Width	2.121m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	7.910m

FIRE TRUCK



FTA Design 7.5 Tonne Rigid Vehicle (2016)

Overall Length	7.170m
Overall Width	2.300m
Overall Body Height	3.580m
Min Body Ground Clearance	0.375m
Track Width	2.120m
Lock-to-lock time	3.00s
Curb to Curb Turning Radius	7.000m

FOOD TRUCK

rev	date	description	by	chkd.
2	11-11-2026	FINAL PART VIII ISSUE	ICJ	EC
1	15-09-2026	Part VIII Issue	TOB	EC
0	31-07-2026	Part VIII Issue	TOB	EC

STATUS CODES

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project ref.
PUBLIC REALM AND PLAZA.
EAST/NORTH OF WALDEMAR TCE

drawing title
SWEPT PATH ANALYSIS
NORTHBOUND DIRECTION

client
DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

designed by	author	scale	sheet size
EC	TOB	1:250	A1

drawing no. 260051-X-0100-Z00-DTM-DR-DBFL-CE-1231
revision 2



FIRE TRUCK SWEPT PATH ANALYSIS
SCALE 1:250



FOOD TRUCK SWEPT PATH ANALYSIS
SCALE 1:250

ON ORIGINAL

0 5 10 20 30 40 50mm

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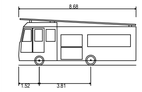

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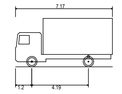
Overall Body Height	3.452m
Min Body Ground Clearance	0.337m
Max Track Width	2.121m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	7.910m

FIRE TRUCK



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Overall Width	2.300m
Overall Body Height	3.580m
Min Body Ground Clearance	0.375m
Track Width	2.120m
Lock-to-lock time	3.00s
Curb to Curb Turning Radius	7.000m

FOOD TRUCK

rev	date	description	by	chkd.
2	11-11-2026	FINAL PART VIII ISSUE	ICJ	EC
1	17-09-2026	Part VIII Issue	TOB	EC
0	31-07-2026	Part VIII Issue	TOB	EC

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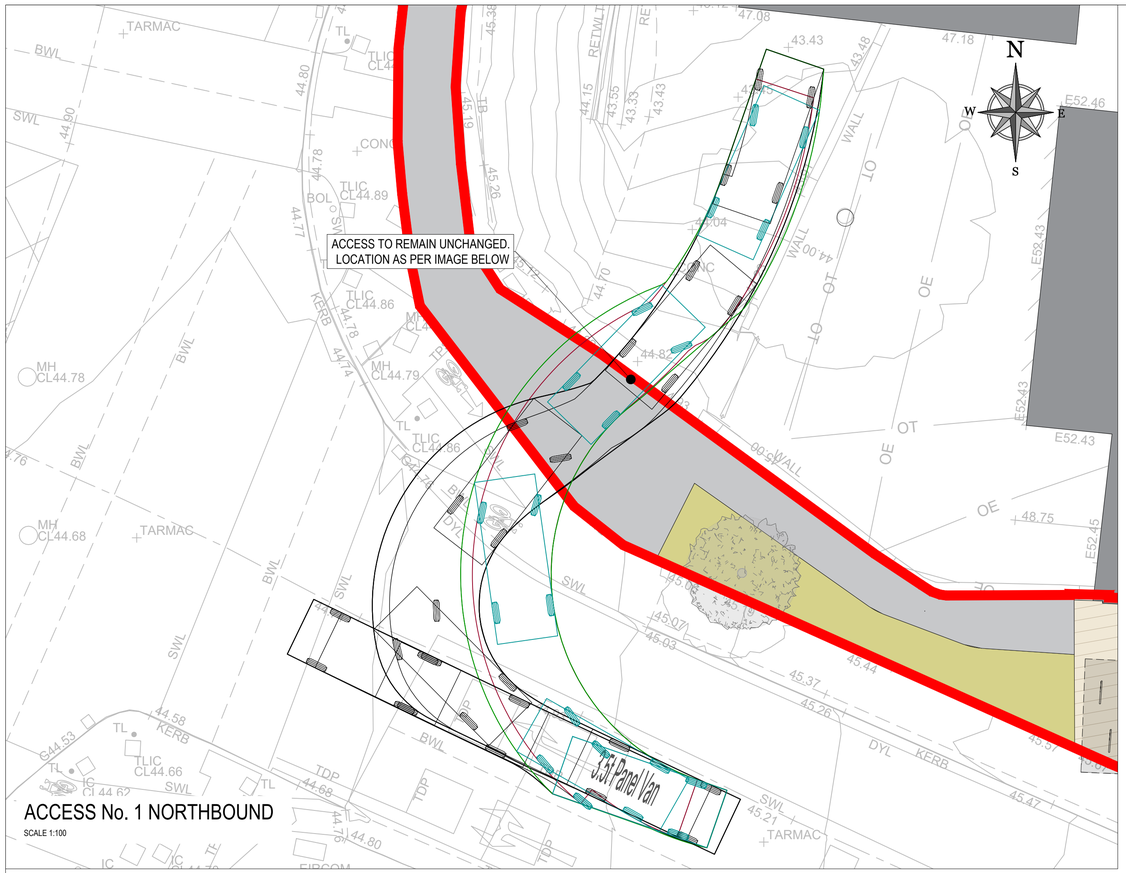
PUBLIC REALM AND PLAZA, EAST/NORTH OF WALDEMAR TCE

drawing title
SWEPT PATH ANALYSIS
SOUTHBOUND DIRECTION

client
DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

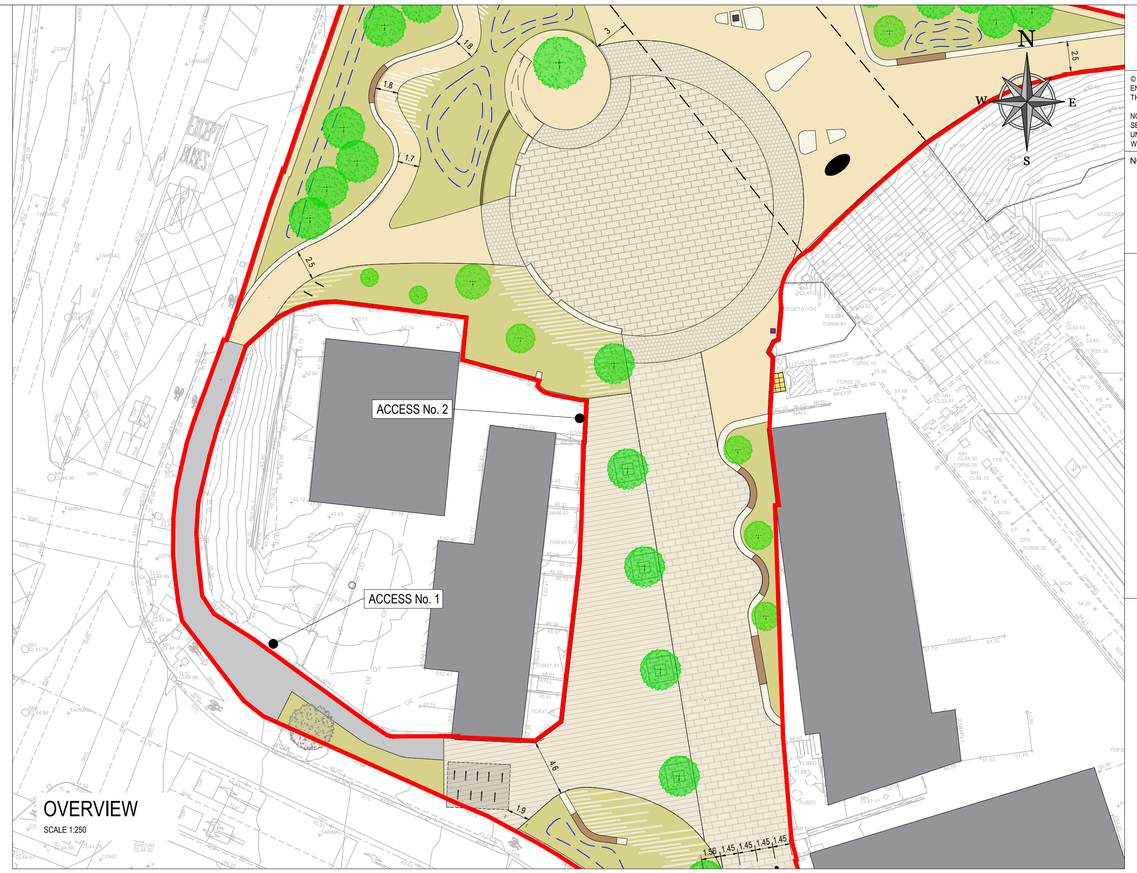
designed by	author	scale	sheet size
EC	TOB	1:250	A1

drawing no. 260051-X-0100-Z00-DTM-DR-DBFL-CE-1232
revision 2



ACCESS No. 1 NORTHBOUND

SCALE 1:100



OVERVIEW

SCALE 1:250

ON ORIGINAL

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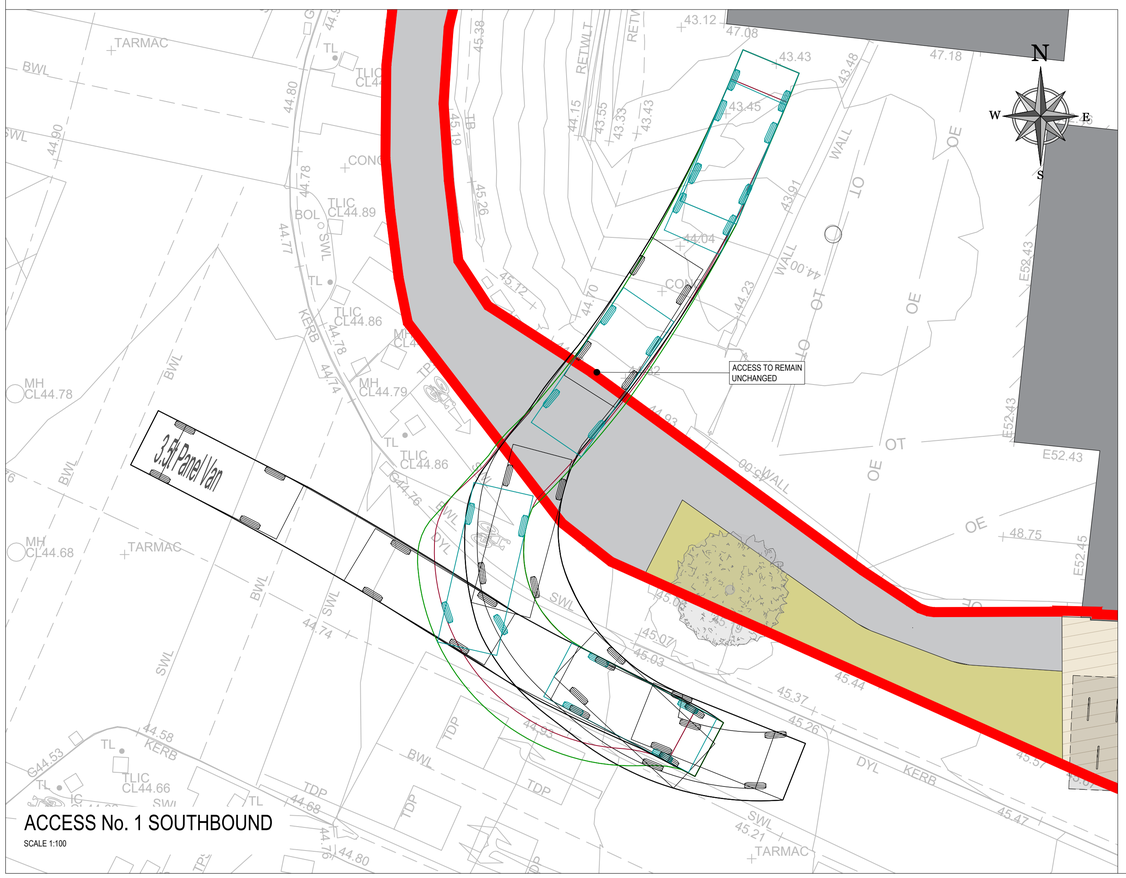
NOTES:

1. ACCESS TO ADJACENT PROPERTIES REMAINS UNCHANGED.

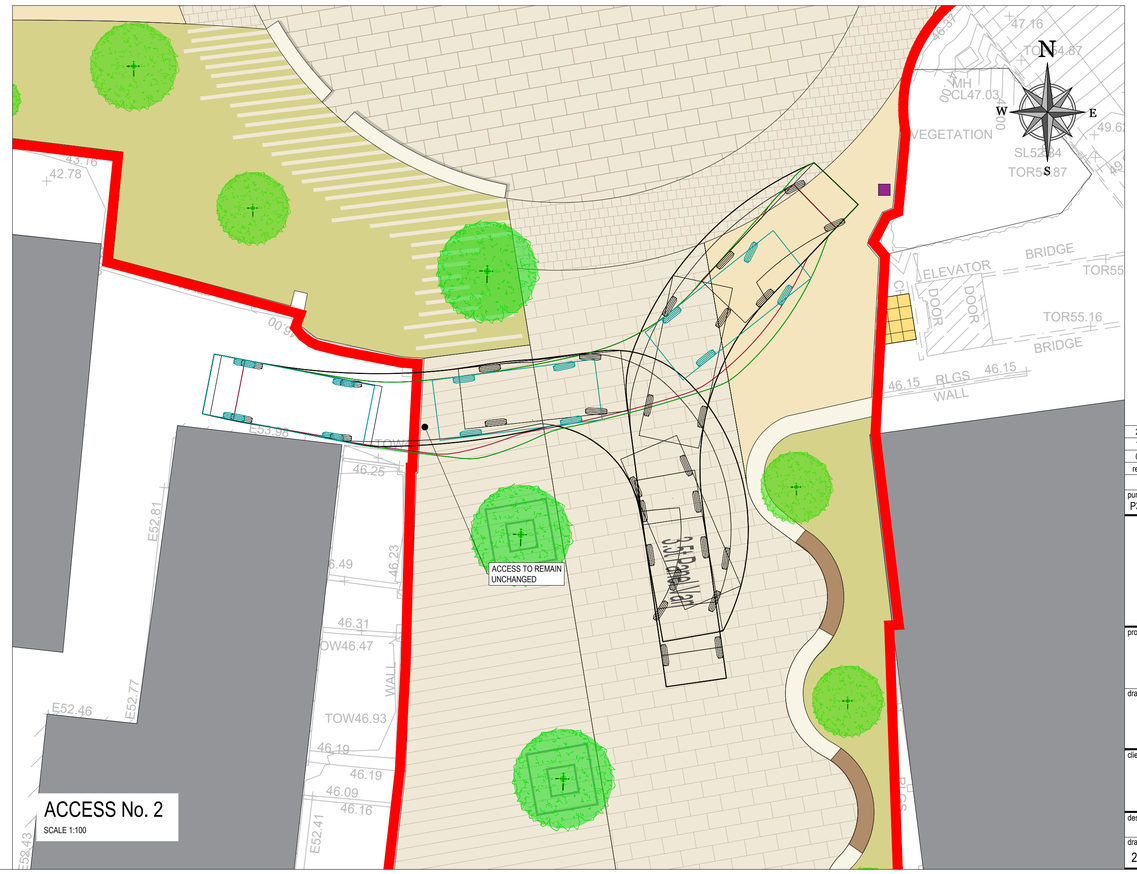


3.5t Panel Van	
Overall Length	5.339m
Overall Width	1.986m
Overall Body Height	2.565m
Min Body Ground Clearance	0.338m
Track Width	1.986m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	6.400m



ACCESS No. 1 SOUTHBOUND

SCALE 1:100



ACCESS No. 2

SCALE 1:100

rev	date	description	by	chkd.
2	11-11-2026	FINAL PART VIII ISSUE	ICJ	EC
1	17-09-2026	PART VIII ISSUE	TOB	EC
0	31-07-2026	PART VIII ISSUE	TOB	EC

STATUS CODES

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EAST/NORTH OF WALDEMAR TCE

drawing title

ACCESS TO ADJACENT PROPERTIES

client

DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

designed by	author	scale	sheet size
EC	TOB	AS SHOWN	A1

drawing no.

260051-X-0100-Z00-DTM-DR-DBFL-CE-1241

revision 2

PROPOSED BIOFILTRATION BASIN WITH FILTER DRAIN

MAX PONDING 300-500mm

PROPOSED TIE-IN INTO EXISTING Ø300mm uPVC BLIND CONNECTION

PROPOSED LOW CONTROL CHAMBER WITH 75mm ORIFICE

EARTHEN CHECK FACILITY TO BE NATURALLY SHAPED WITHIN SWALE

SWALE BASE WITH SUITABLE WET-TOLERANT PLANTING AS PER LANDSCAPE ARCHITECT'S DETAIL

PROPOSED SWALE BASE OUTLET FLOW CONTROL CHAMBER WITH 75mm ORIFICE

PROPOSED OVERFLOW MANHOLES WITH BRIO GRATINGS

PROPOSED RAIN GARDEN AS PER LANDSCAPE ARCHITECT'S DETAIL

PROPOSED TREE PITS WITH OVERFLOW GULLEYS

PROPOSED RAIN GARDENS AS PER LANDSCAPE ARCHITECT'S DETAIL

RAIN GARDEN OVERFLOW CHAMBER TO CONNECT TO EXISTING Ø600mm SURFACE WATER OUTFALL

PROPOSED FILTER DRAINS TO COLLECT INTERCEPTED SURFACEWATER THROUGH PERMEABLE SURFACING

PROPOSED OVERFLOW MANHOLES WITH BRIO GRATINGS

PROPOSED RAIN GARDEN AS PER LANDSCAPE ARCHITECT'S DETAIL

PROPOSED PERMEABLE SURFACING AS PER LANDSCAPE ARCHITECT'S DETAIL

PROPOSED CONNECTIONS TO EXISTING MANHOLES

REMOVE AND REPLACE EXISTING GULLEY POT

SB-0
CL 45.90
IL 43.05

SB-1
CL 45.00
IL 43.15

SB-2
CL 45.75
IL 43.320

SA-1
CL 46.66
IL 45.16

150Ø 1:245

300Ø 1:245

225Ø 1:170

EL: 44.870

ExMH

EX MH

N
W E
S

ON ORIGINAL

0 5 10 20 30 40 50mm

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LEGEND : SERVICES

- EXTENT OF WORKS BOUNDARY
- PROPOSED SURFACE WATER SEWER AND MANHOLE (S1 CL 99.99 IL 99.99)
- PROPOSED FILTER DRAIN
- OVERFLOW CHAMBER WITH BRIO GRATED LID
- ROAD GULLY & 150Ø LEADER
- PROPOSED SUDS CONNECTION TO TREE PIT
- PERMEABLE SURFACING
- BIORETENTION/RAIN GARDEN
- PROPOSED SURFACE WATER SWALE WITH EARTHED CHECK DAM & GRATED MANHOLE CHAMBER
- PROPOSED BIORETENTION BASIN & GRATED MANHOLE CHAMBER
- OVERLAND FLOW ROUTE

LEGEND : EXISTING SERVICE

- EX MH — SURFACE WATER
- ExMH — FOUL SEWER
- GULLY

rev	date	description	by	chkd.
2	11-11-2026	FINAL PART VIII ISSUE	ICJ	GPH
1	17-09-2026	ROUND 2 ISSUE	TOB	GPH
0	28-07-2026	PART VIII ISSUE	TOB	GPH

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project ref.
PUBLIC REALM AND PLAZA, EAST/NORTH OF WALDEMAR TCE

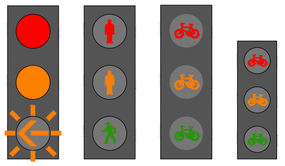
drawing title
DRAINAGE LAYOUT

client
DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

designed by	author	scale	sheet size
GPH	PCJ	1:200	A1

drawing no. 260051-X-0500-Z00-DTM-DR-DBFL-CE-1301 | revision 2

SIGNAL HEAD TYPES



TYPE 1 TYPE 2 TYPE 3 TYPE 4

LEGEND

- EXTENT OF WORKS BOUNDARY
- PRIMARY SIGNAL HEAD MOUNTED ON POLE AS SHOWN (+ TYPE No.)
- PEDESTRIAN DEMAND UNIT
- CYCLIST DEMAND UNIT
- PEDESTRIAN SIGNAL HEAD (+TYPE NO.)
- CYCLE SIGNAL HEAD MOUNTED ON POLE AS SHOWN
- KERBSIDE DETECTOR (PEDESTRIAN)
- 2m HIGH (ABOVE GROUND) SIGNAL POLE INSTALLED IN RETENTION SOCKET TO SPEC APPENDIX 12/5. INDICATIVE OUTLINE OF FOUNDATION SHOWN (SEE DRAWING SPECIFIC NOTE 3)
- 1x107mm HDPE TRAFFIC DUCT
- 4x107mm HDPE TRAFFIC DUCT
- JB4 JUNCTION BOX
- JB2 JUNCTION BOX

CHAMBER TO CONNECT TO EXISTING CONTROLLER

RRM 017 STOP LINE

Taney Road
R112

N
W E
S

ON ORIGINAL
0 5 10 20 30 40 50mm

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NOTES:

GENERAL NOTES:

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2. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
3. ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE MERCATOR) GEOGRAPHIC COORDINATE SYSTEM.
4. ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN HEAD).
5. ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY FULLY WITH THE WORKS REQUIREMENTS - REFER TO APP 1/17.
6. THE CONTRACTOR MUST LIAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE WORKS REQUIREMENTS.
7. THE CONTRACTOR SHALL COORDINATE THE WORKS AND ACCESS WITH ADJACENT PROPERTY AND BUSINESS OWNERS.
8. ALL VEHICULAR, PEDESTRIAN & CYCLE ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT PLAN.
9. ALL PERMANENT TRAFFIC MANAGEMENT TO BE CONCEALED/REMOVED OR INCORPORATED INTO THE CONTRACTORS TEMPORARY TRAFFIC MANAGEMENT PLAN THROUGHOUT WORKS AND TRANSFERRED ONLY WHEN AGREED WITH LOCAL AUTHORITY TRAFFIC DEPARTMENT.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE ONGOING MAINTENANCE OF TRAFFIC SIGNALS FROM THE STARTING DATE TO SUBSTANTIAL COMPLETION. THIS INCLUDES ALL TEMPORARY TRAFFIC SIGNALS WHILE IN TRANSITION BETWEEN THE CURRENT TRAFFIC MANAGEMENT REGIME AND THE PROPOSED TRAFFIC MANAGEMENT REGIME.
11. ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND IN ADDITION THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION S.R. 21:2014 GUIDANCE ON THE USE OF I.S. EN 13242:2002 +A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 177AR OF THE CONTRACT SPECIFICATION.

DRAWING SPECIFIC NOTES:

1. TRAFFIC SIGNALS TO BE CONSTRUCTED IN ACCORDANCE WITH DÚN LAOGHAIRE RATHDOWN COUNTY COUNCIL'S SPECIFICATION FOR TRAFFIC SIGNALS AND SPECIFICATION APPENDIX 12/5.
2. ALL TRAFFIC SIGNAL POLES TO BE HOUSED IN A PROPRIETARY POLE BOX SYSTEM BY CENTURION OR RETENTION SOCKET OR EQUIVALENT UNLESS NOTED OTHERWISE.
3. THE INDICATIVE OUTLINE OF FOUNDATIONS ARE SHOWN FOR EACH POLE BASED ON EXAMPLE PRODUCT INFORMATION. FOUNDATIONS FOR EACH SIGNAL POLE TO BE DESIGNED BY THE CONTRACTOR'S SUPPLIER OF THE POLE BOX SYSTEM OR RETENTION SOCKET SYSTEM.
4. DUCTS ARE CONTINUOUS, SMOOTH BORE 110mmØ HDPE (ORANGE MARKED TRAFFIC SIGNALS) EXCEPT WHERE DETAILED OTHERWISE. NUMBER OF DUCTS BETWEEN CHAMBERS IS INDICATED ADJACENT TO THAT DUCT RUN WITH A NUMBER.
5. FOR SIGNALS HEAD CONFIGURATIONS REFER TO APPENDIX 9A TRAFFIC SIGNS MANUAL.
6. POSITION OF DUCTING AND POLES TO BE AGREED WITH EMPLOYERS REPRESENTATIVE PRIOR TO CONSTRUCTION.
7. FINAL LOCATION OF INDUCTIVE LOOPS TO BE AGREED ON SITE.
8. TRAFFIC SIGNAL POLES TO BE INSTALLED 750mm FROM KERBLINE AND 500mm FROM TACTILE PAVING. FINAL LOCATIONS TO BE AGREED ON SITE.

rev	date	description	by	chkd.
2	11-11-2026	FINAL PART VIII ISSUE	ICJ	EC
1	17-09-2026	PART VIII ISSUE	TOB	EC
0	31-07-2026	PART VIII ISSUE	TOB	EC

STATUS CODES

purpose	aceptance
P3 - PLANNING PERMISSION	S - ISSUED

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project ref.
PUBLIC REALM AND PLAZA. EAST/NORTH OF WALDEMAR TCE

drawing title
PROPOSED TOUCAN CROSSING TRAFFIC SIGNAL LAYOUT

client
DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

designed by	author	scale	sheet size
EC	TOB	1:100	A1

drawing no.	revision
260051-X-0500-Z00-DTM-DR-DBFL-CE-1601	2