DOCKLANDS STATION

CC-STA-S4-40250-B

CC-SET-S4-40280-B

CC-PW-S4-40380-B

REFER TO SHEET 02

STATION MODIFICATIONS REQUIRED TO INCREASE STATION CAPACITY.

ROYAL CANAL

ZONE B
SPENCER DOCK STATION TO PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) ON MGWR LINE

SECTION S17 C-S-F
SECTION S17 C-S-E
SECTION S17 C-S-D
SECTION S17 C-S-C
SECTION S17 C-S-B
SECTION S17 C-S-A
SECTION S16
SECTION S15

PROPOSED PRESTON STREET PEDESTRIAN/CYCLE ENTRANCE

START SECTION S12 UP
START SECTION S12 DN

ZONE A
CONNOLLY SATION TO GLASNEVIN (GLASNEVIN Jct) ON GSWR LINE - PHOENIX PARK TUNNEL AND CABRA COMPOUND

START SECTION S13 DN
START SECTION S13 UP

LIFFEY RIVER

OBD 36
OBD 227
OBD 227B
OBD 227A
UBLL 7
UBLL 8
UBLL 5
UBLL 6
OBD233A
UBLL 9
UBLL 10
UBLL 11
UBB 1A
UBLL 36A
UBD233
OBD 226

MILE POST 2 MILES
MILE POST 2.1/4 MILES
MILE POST 2.1/2 MILES
MILE POST 2.3/4 MILES

PLATFORM 1
PLATFORM 2
PLATFORM 3
PLATFORM 4
PLATFORM 5
PLATFORM 6
PLATFORM 7

CC-STA-S1-7800-B

CONNOLLY STATION

SEVILLE PLACE

START SECTION S3 UP
START SECTION S3 DN
START SECTION S1 U/D

CONNOLLY

SECTION S14

CC-PW-S1-10300-B

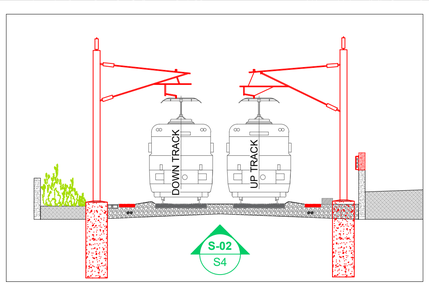
NEWCOMEN RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

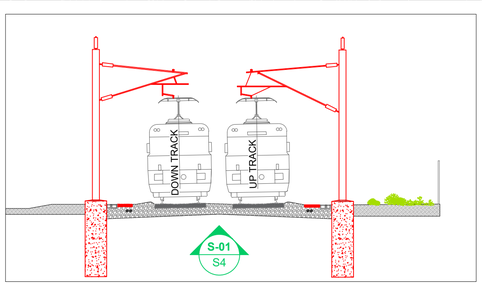
1 km

40+000 S4 U
40+800 S4 D
41+000 S4 U
41+800 S4 D

TAP
AP
PSP
SEB







LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLCG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | Cc3 | ROD Tolchan & O'Donovan

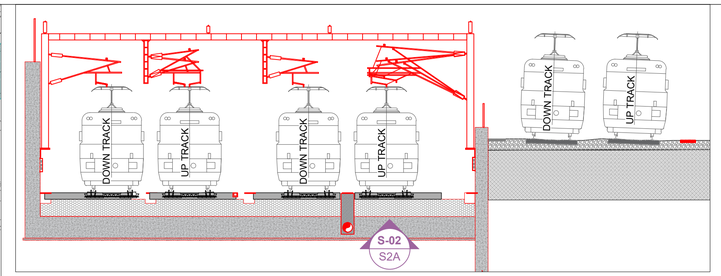
Project: DART+ West

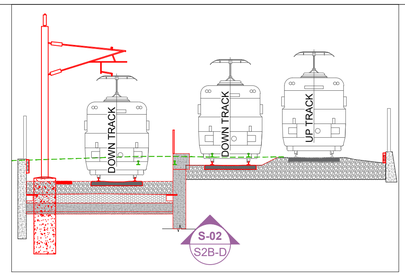
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

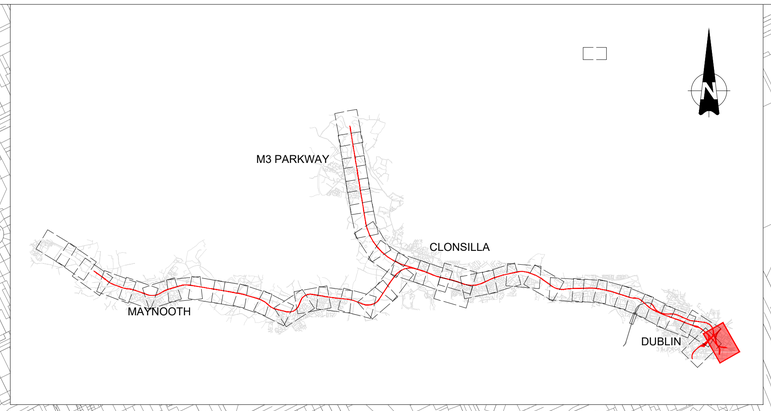
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 01 of 42







REFER TO SHEET _ 03

REFER TO SHEET _ 01

TOLKA RIVER

MILE POST 0 1/4 MILES

MILE POST 0 1/2 MILES

MILE POST 0 3/4 MILES

MILE POST 1 MILES

MILE POST 1 1/4 MILES

MILE POST 1 1/2 MILES

MILE POST 2 MILES

MILE POST 2 1/2 MILES

MILE POST 3 MILES

MILE POST 4 MILES

MILE POST 4 1/2 MILES

MILE POST 5 MILES

BALLYBOUGH

EAST WALL

DOCKLANDS

TRACK LOWERING

PROPOSED WALL HEIGHTENING FOR OVERHEAD LINE EQUIPMENT PROTECTION

OSSORY ROAD BRIDGE: PROPOSED WALL HEIGHTENING FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

TRACK SLAB LOWERING

NEWCOMEN RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

ISLAND DEMOLITION TO ALLOW HGV TO TURN RIGHT AND FINAL ISLAND RENEWAL

EAST WALL YARD PERMANENT COMPOUND
PC-SET-S2-00000-B

DOCKLANDS STATION

SPENCER DOCK STATION

ATTENUATION TANK

SHERIFF ST. BRIDGE: BRIDGE MODIFICATION WILL BE REQUIRED TO FACILITATE NEW SPENCER DOCK STATION AND RAILWAY ELECTRIFICATION.

TRACKING TO DUBLIN PORT

PROPOSED NEW PERMANENT ACCESS RAMP TO DOCKLANDS IÉ PLOT

ZONE B
SPENCER DOCK STATION TO PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) ON MGWR LINE

CC-PW-S2A-20750-B

CC-SUB-S2A-20280

CC-STA-S4-40230-B

CC-PW-S1-10300-B

CC-PW-S4-40380-B

CC-SET-S4-40280-B

CC-STA-S4-40250-B

START SECTION S2D UP

START SECTION S2D DN

START SECTION S2B U/D

START SECTION S2A UP

START SECTION S2A DN

START SECTION S4A UP

START SECTION S4A DN

29+000

29+000 S2D U

29+000 S2D D

30+500 S2A U

30+500 S2A D

40+800 S4 U

40+800 S4 D

40+900 S4 U

40+900 S4 D

UBO 32

UBO 33

UBO 34

OBO 35-35A

OBO 36

UBLL 1

UBLL 2

UBLL 3

UBLL 4

UBLL 5

UBLL 6

UBLL 7

UBLL 8

UBLL 9

UBLL 10

UBLL 11

OBD 227

OBD 227B

OBD 227A

OBD 226

OBD233A

UBD233

OBO 228

NORTH STRAND ROAD

ROYAL CANAL

TAP

AP

1 km

0 km

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Consultant: IDOM | C3 | ROD Tegchan & O'Donovan

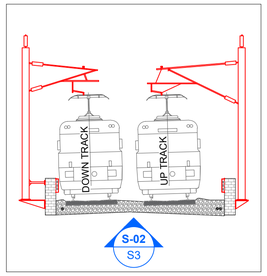
Project: DART+ West

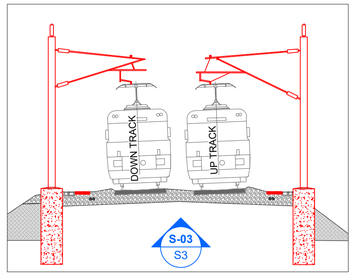
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

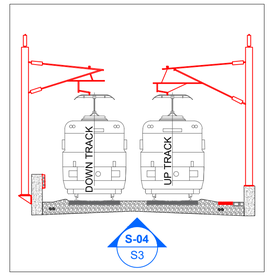
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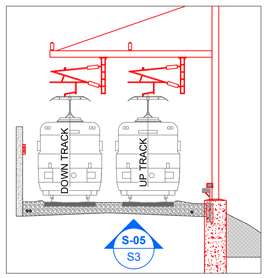
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC GEN ROUT DR Z 0003 D

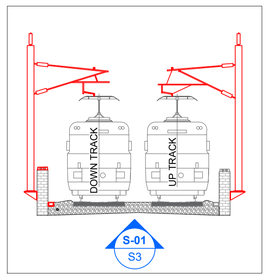
Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 02 of 42











ZONE A
CONNOLLY SATION TO GLASNEVIN (GLASNEVIN Jct) ON GSWR LINE - PHOENIX PARK TUNNEL AND CABRA COMPOUND

ZONE B
SPENCER DOCK STATION TO PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) ON MGWR LINE

REFER TO SHEET _ 02

REFER TO SHEET _ 04

CROKE PARK STADIUM

NORTH STRAND

BALLYBOUGH

NEWCOMEN RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

TRACK LOWERING

CLONLIFFE RAIL BRIDGE: FOR RAILWAY OVERHEAD EQUIPMENT PROTECTION

CC-PW-S1-10300-B

CLONLIFFE ROAD 3

JONES'S ROAD 1

NORTH CIRCULAR ROAD 7

RUSSELL STREET 1

BALLYBOUGH ROAD 3

NORTH STRAND ROAD 3

SUMMERHILL PARADE 3

PORTLAND ROW 1

DORSET STREET

UP LINE GSWR

DOWN LINE GSWR

UP LINE MGWR

DOWN LINE MGWR

ROYAL CANAL

UBO 17 UBO 18 UBO 19 UBO 20 UBO 21 UBO 22 UBO 23 UBO 24 UBO 25 UBO 26 UBO 27 UBO 28 UBO 29 UBO 30 UBO 31 UBO 32 UBO 33 UBO 34

UBLL 1 UBLL 2 UBLL 3 UBLL 4 UBLL 5 UBLL 6 UBLL 7 UBLL 8 UBLL 9 UBLL 10 UBLL 11

OBD 224 OBD 224A OBD 225 OBD 226 OBD 227 OBD 227A OBD 227B OBD 228 OBD 230

UBD233 OBD233A

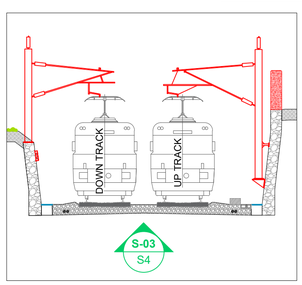
AP TAP

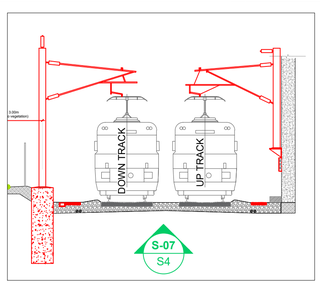
31+000 S3 U
31+000 S3 D
31+500 S3 U
31+500 S3 D
32+000 S3 U
32+000 S3 D
30+500 S3 U
30+500 S3 D
41+500 S4 U
41+500 S4 D
42+000 S4 U
42+000 S4 D

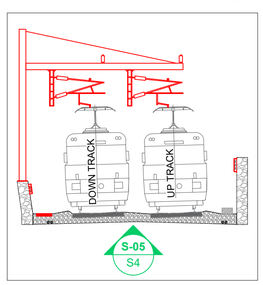
MILE POST 4 MILES
MILE POST 3 3/4 MILES
MILE POST 3 1/2 MILES
MILE POST 2 MILES
MILE POST 2 1/4 MILES
MILE POST 1 3/4 MILES

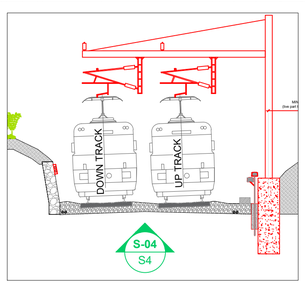
2.0 km
1 km











LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
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TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C3 · ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number: Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	GEN	ROUT	DR	Z	0003	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	03 of 42

GLASNEVIN

ZONE A
CONNOLLY SATION TO
GLASNEVIN (GLASNEVIN Jct)
ON GSWR LINE - PHOENIX PARK
TUNNEL AND CABRA COMPOUND

REFER TO SHEET _ 05

PROSPECT ROAD BRIDGE
FOR RAILWAY OVERHEAD
LINE EQUIPMENT
PROTECTION

PROPOSED WALL
HEIGHTENING FOR
OVERHEAD LINE
EQUIPMENT PROTECTION

PROSPECT ROAD 11

OBO 11

OBO 12A

32+500 S3 U

32+500 S3 D

UP LINE GSWR

DOWN LINE GSWR

MILE POST
3 MILES

MILE POST
2 MILES

3.0
km

33+000 S3 U

33+000 S3 D

OBD 222

MILE POST
1 MILES

43+000 S4 U

43+000 S4 D

ROYAL CANAL

WHITWORTH ROAD 7

MILE POST
1 1/4 MILES

42+500 S4 U

42+500 S4 D

UP LINE MGWR

DOWN LINE MGWR

MILE POST
1 1/2 MILES

OBD 223

DRUMCONDRA
STATION

UBO 13

UBO 14

OBO 14A

PLATFORM 1

PLATFORM 2

UBO 15

UBO 16

UBO 17

32+000 S3 U

32+000 S3 D

DRUMCONDRA

TRACK LOWERING

DRUMCONDRA ROAD LOWER 9

MABEL STREET 1

MILE POST
3 1/2 MILES

UBO 18

UBO 19

2.0
km

NORTH CIRCULAR ROAD 7

7A/B

42+000 S4 U

42+000 S4 D

MILE POST
1 3/4 MILES

BINNS BRIDGE RAIL
BRIDGE:
FOR RAILWAY OVERHEAD
LINE EQUIPMENT
PROTECTION

DORSET STREET LOWER 9

PROPOSED WALL
HEIGHTENING FOR
OVERHEAD LINE
EQUIPMENT PROTECTION

ZONE B
SPENCER DOCK STATION TO
PHIBSBOROUGH / GLASNEVIN
(GLASNEVIN Jct) ON MGWR LINE

REFER TO SHEET _ 03

PHIBSBOROUGH ROAD 7

3.0
km

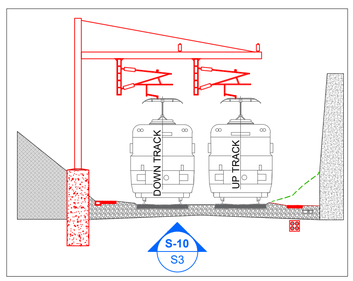
MOUNTJOY
PRISON

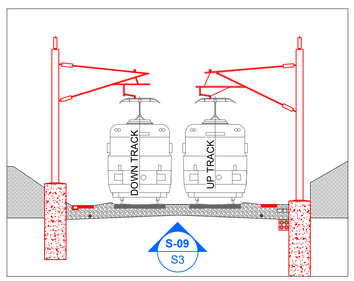
WESTMORELAND BRIDGE
FOR RAILWAY OVERHEAD
LINE EQUIPMENT
PROTECTION

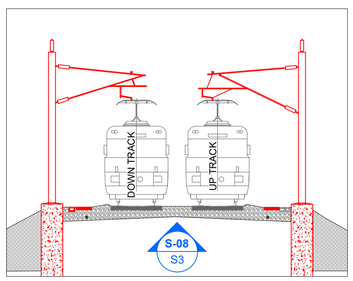
TRACK LOWERING

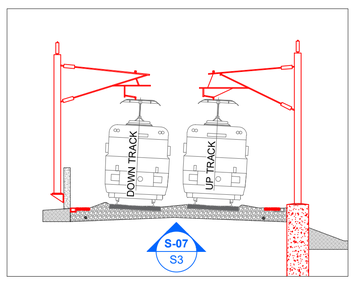
PROPOSED WALL
HEIGHTENING FOR
OVERHEAD LINE
EQUIPMENT PROTECTION

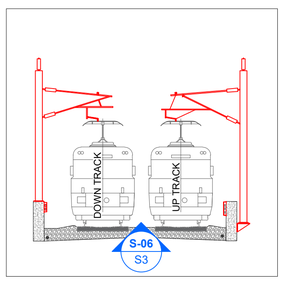
2.0
km

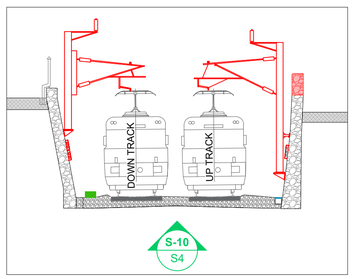


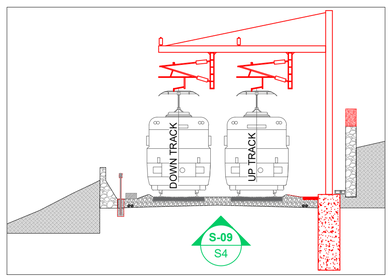


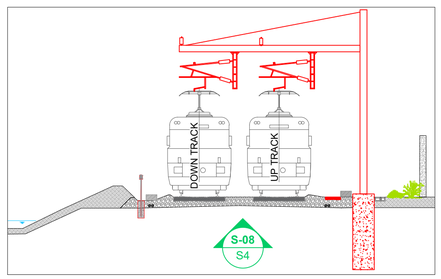














LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by GSI active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C3 · ROD

Project: DART+ West

Drawing Title: GENERAL DESIGN
PROJECT SCHEMATIC
LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 04 of 42

ZONE A
CONNOLLY SATION TO
GLASNEVIN (GLASNEVIN Jct)
ON GSWR LINE - PHOENIX PARK
TUNNEL AND CABRA COMPOUND

ZONE C
PHIBSBOROUGH / GLASNEVIN
(GLASNEVIN Jct) TO CLONSILLA
STATION (CLONSILLA Jct)

FINGLAS ROAD 11

PHIBSBOROUGH / GLASNEVIN TO CLONSILLA JUNCTION

CITY CENTRE ENHANCEMENTS

DART+ WEST
INTERFACE WITH
DART+ SOUTH WEST

PROSPECT ROAD BRIDGE
FOR RAILWAY OVERHEAD
LINE EQUIPMENT
PROTECTION

TRACK LOWERING

CC-SUB-S4-33460-B

PROPOSED METROLINK
GLASNEVIN STATION TO BE
PROVIDED AS
PART OF METROLINK
PROJECT

CC-PW-S3-33340-B

REFER TO SHEET _04

GLASNEVIN

PROSPECT ROAD 11

OBO 10

OBO 11

UBD220

OBD 221

OBD 222

TAP

AP

TO DUBLIN

TO PHOENIX PARK TUNNEL

UP LINE MGWR

DOWN LINE MGWR

UP LINE GSWR

DOWN LINE GSWR

START SECTION S5 UP

START SECTION S5 DN

33+700

33+600

33+500 S3 U

33+500 S3 D

33+000 S3 U

33+000 S3 D

43+700

43+500 S4 U

43+500 S4 D

43+000 S4 U

43+000 S4 D

ROYAL CANAL

MILE POST 2 1/4 MILES

MILE POST 2 MILES

MILE POST 1 MILES

MILE POST 0 1/2 MILES

MILE POST 0 3/4 MILES

4.0 km

3.0 km

WESTMORELAND BRIDGE
FOR RAILWAY OVERHEAD
LINE EQUIPMENT
PROTECTION

CC-PW-S4-43200-B

TRACK LOWERING

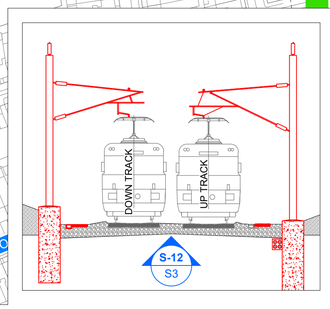
GLASNEVIN RAIL
MAINTENANCE BRIDGES
FOR RAILWAY OVERHEAD
LINE EQUIPMENT
PROTECTION

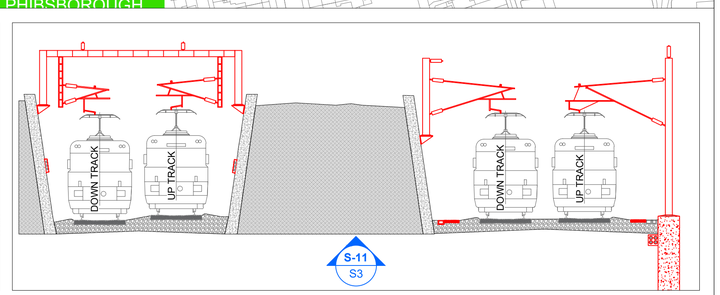
PHIBSBOROUGH ROAD 7

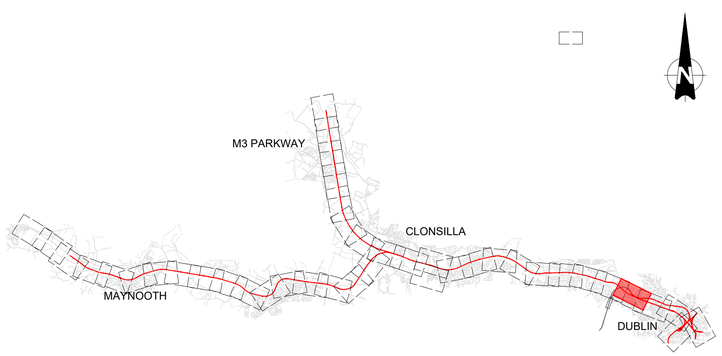
MOUNTJOY
PRISON

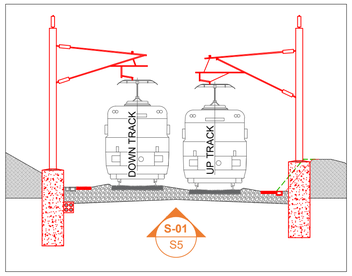
PHIBSBOROUGH

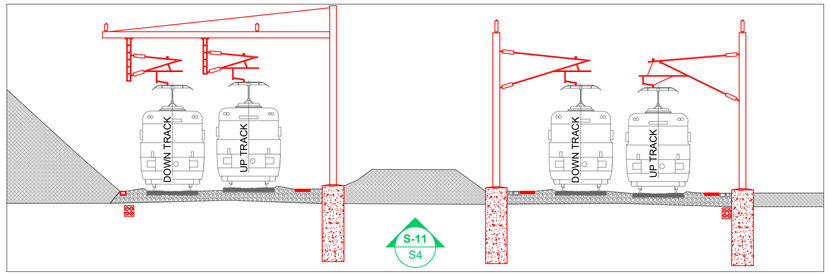
REFER TO SHEET _ 06











LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN
PROJECT SCHEMATIC
LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 05 of 42

REFER TO SHEET _ 07

REFER TO SHEET _ 05

FINGLAS ROAD

11

5.0 km

4.0 km

BROOMBRIDGE

BROOMBRIDGE STATION

OBG 5

OBG 4A

ROYAL CANAL

UP LINE MGWR

DOWN LINE MGWR

PLATFORM 1

PLATFORM 2

MILE POST 1 3/4 MILES

MILE POST 1 1/2 MILES

MILE POST 1 1/4 MILES

MILE POST 1 MILES

MILE POST 2 MILES

MILE POST 2 1/4 MILES

MILE POST 0 1/2 MILES

51+000 S5 U

51+000 S5 D

50+500 S5 U

50+500 S5 D

UBD219

UBD 218

UBD220

TAP

AP

TO DUBLIN

TO PHOENIX PARK TUN

OBO 10

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

CC-STR-S5-51480-B

BROOMBRIDGE ROAD

7

CABRA

FOR CONTINUATION - SEE INSET 'A'

PHIBSBOROUGH / GLASNEVIN

CITY CEN

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN

N

CC-SET-S3-00000-B

UB06A

INSET 'A'

S-02
S5

DOWN TRACK

UP TRACK

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
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LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
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TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Consultant: IDOM | C3 | ROD

Project: DART+ West

Drawing Title: GENERAL DESIGN
PROJECT SCHEMATIC
LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01

REFER TO SHEET _ 08

REFER TO SHEET _ 06

TOLKA RIVER

BALLYBOGGAN ROAD 7

RATHOATH ROAD 7

BROOMBRIDGE ROAD 7

6.0 km

5.0 km

BROOMBRIDGE

CC-SET-S5-52180-B

CC-SET-S5-51530-B

CC-STR-S5-51480-B

AP

TAP

ROYAL CANAL

52+500 S5 U

52+500 S5 D

52+000 S5 U

52+000 S5 D

51+500 S5 U

51+500 S5 D

UP LINE MGWR

DOWN LINE MGWR

PLATFORM 1

PLATFORM 2

MILE POST 2 1/4 MILES

MILE POST 2 MILES

MILE POST 1 3/4 MILES

TO DUBLIN

UBG5A

OBG 5D

OBG 5

OBG 4A

OBG 5E

BROOMBRIDGE STATION

PELLETSTOWN STATION

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

E= 713000

E= 712500

N 737500

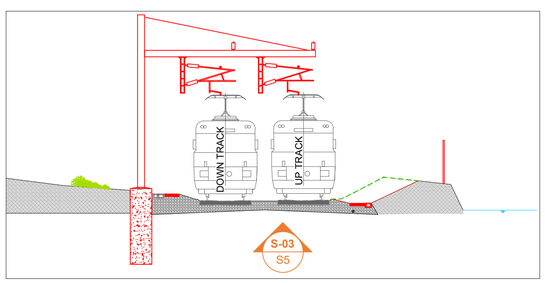
N 737000

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN



LEGEND

- PROPOSED OVERBRIDGE / UNDERBRIDGE
- RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE
- OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED
- OVERBRIDGE / UNDERBRIDGE / CULVERTS
- PERMANENT COMPOUND
- CONSTRUCTION COMPOUND
- LEVEL CROSSING REPLACEMENT / ROAD INTERV.
- FLOOD COMPENSATORY STORAGE AREAS
- TEMPORARY ACCESS
- RAILWAY STATION MODIFIED
- RAILWAY STATION EXISTING
- RAILWAY STATION NEW
- CONCRETE SLAB TRACK
- PROPOSED TRACK ACCESS POINT / ACCES POINT
- EXISTING TRACK ACCESS POINT / ACCES POINT
- MILE POST
- EXISTING RAILWAY
- NEW TRACK & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION
- PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
- PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
- TRACK TO BE DISCONNECTED
- DEVELOPMENT BOUNDARY
- SUB-STATION / ESB
- SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
- PROPOSED LEVEL CROSSING CLOSURE
- WALL HEIGHTENING
- PARAPET HEIGHTENING
- PROPOSED RETAINING WALLS
- PROPOSED FENCING
- EXISTING RETAINING WALLS
- EXISTING FENCING

REV	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3 (0 15.625 31.25 62.5)

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 07 of 42

RIVER ROAD 15

REFER TO SHEET _ 09

RIVER ROAD 15

RIVER ROAD 15

REFER TO SHEET _ 07

FOR CONTINUATION - SEE INSET 'B' (SHEET 42)

7.0 km

6.0 km

RATHBOURNE

RATHOATH ROAD 7

N= 737500

E= 712500

ROYAL CANAL AVENUE 15

CC-SET-S5-52180-B

ROYAL CANAL

52+500 S5 U

52+500 S5 D

PLATFORM 1

PLATFORM 2

UP LINE MGWR

TAP

DOWN LINE MGWR

MILE POST 2 1/4 MILES

OBG 5E

PELLETSTOWN STATION

TO DUBLIN

UBG5A

MILE POST 2-1/2 MILES

53+000 S5 U

53+000 S5 D

MILE POST 2 3/4 MILES

ROYAL CANAL

53+500 S5 U

53+500 S5 D

MILE POST 3 MILES

TO DUBLIN

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

MARTIN SAVAGE PARK

7.0 km

6.0 km

ASHTOWN

N= 737000

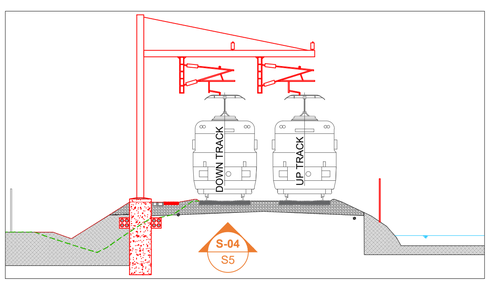
E= 713000

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN



LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
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PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Consultant: IDOM | C3 | ROD Rodgers & O'Donovan

Project: DART+ West

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Scale: 1:1250 @ A1 1:2500 @ A3

0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 08 of 42

RIVER ROAD 15

REFER TO SHEET _ 10

REFER TO SHEET _ 08

ASHTOWN ROAD 7

TOLKA RIVER

8.0 km

7.0 km

PROPOSED PEDESTRIAN AND CYCLIST BRIDGE OVER RAILWAY LINE

CC-LC-S5-53820-B

ASHTOWN BRIDGE TRACK CROSSING

ROYAL CANAL

54+500 S5 U

54+500 S5 D

UP LINE MGWR

DOWN LINE MGWR

MILE POST 3 1/2 MILES

UBG 6

54+000 S5 U

54+000 S5 D

MILE POST 3 1/4 MILES

OBG 5B

UBG5C

ASHTOWN STATION

PLATFORM 1

PLATFORM 2

53+500 S5 U

53+500 S5 D

MILE POST 3 MILES

MILE POST 2 3/4 MILES

TO DUBLIN

MARTIN SAVAGE PARK

NAVAN ROAD 7

ROAD UNDERPASS FOR MILL LANE (UNDER RAILWAY LINE AND ROYAL CANAL). PEDESTRIAN FACILITIES TO BE PROVIDED .

CC-SUB-S5-53600

CC-STA-S5-53660-B

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

ASHTOWN

E= 710500

N= 737500

E= 711000

E= 711500

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN

DOWN TRACK

UP TRACK

S-05
S5

LEGEND

- PROPOSED OVERBRIDGE / UNDERBRIDGE
- RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE
- OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED
- OVERBRIDGE / UNDERBRIDGE / CULVERTS
- PERMANENT COMPOUND
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- LEVEL CROSSING REPLACEMENT / ROAD INTERV.
- FLOOD COMPENSATORY STORAGE AREAS
- TEMPORARY ACCESS
- RAILWAY STATION MODIFIED
- RAILWAY STATION EXISTING
- RAILWAY STATION NEW
- CONCRETE SLAB TRACK
- PROPOSED TRACK ACCESS POINT / ACCES POINT
- EXISTING TRACK ACCESS POINT / ACCES POINT
- MILE POST
- EXISTING RAILWAY
- NEW TRACK & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION
- PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
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- PROPOSED LEVEL CROSSING CLOSURE
- WALL HEIGHTENING
- PARAPET HEIGHTENING
- PROPOSED RETAINING WALLS
- PROPOSED FENCING
- EXISTING RETAINING WALLS
- EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLCG).

Client: Irish Rail

Consultant: IDOM, C3, ROD

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3

0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 09 of 42

REFER TO SHEET - 11

REFER TO SHEET 60

TOLKA RIVER

TOLKA RIVER

RIVER ROAD 15

RIVER ROAD 15

9.0 km

8.0 km

NAVAN ROAD PARKWAY

ROYAL CANAL

ROYAL CANAL

UBG6A

55+000 S5 U

55+000 S5 D

55+500 S5 U

55+500 S5 D

MILE POST 4 MILES

MILE POST 4 1/4 MILES

TO DUBLIN

PERMANENT DART SET MAINTENANCE COMPOUND FOLLOWING COMPLETION OF THE DART+ WEST WORKS

TAP

TAP

PLATFORM 1

PLATFORM 2

OBG 6E

54+500 S5 U

54+500 S5 D

UP LINE MGWR

DOWN LINE MGWR

MILE POST 3 3/4 MILES

MILE POST 3 1/2 MILES

NAVAN ROAD PARKWAY STATION

NAVAN ROAD PERMANENT COMPOUND

PC-SET-S5-54750-B

CC-SET-S5-54750-B

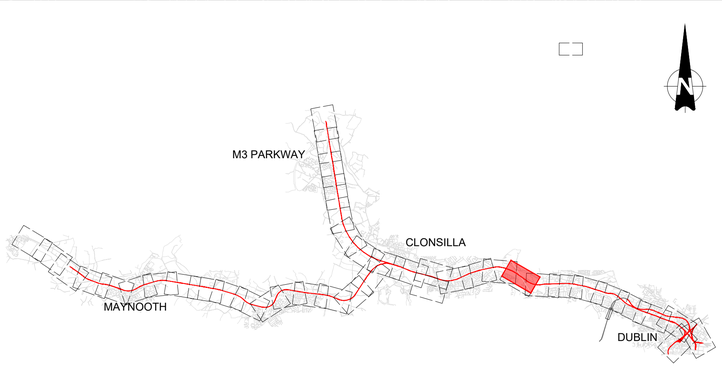
NAVAN ROAD 7

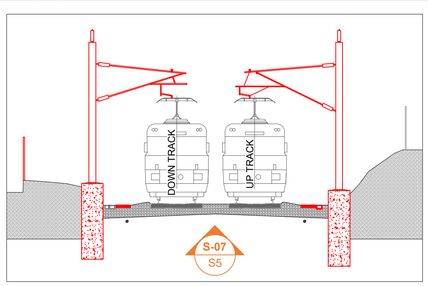
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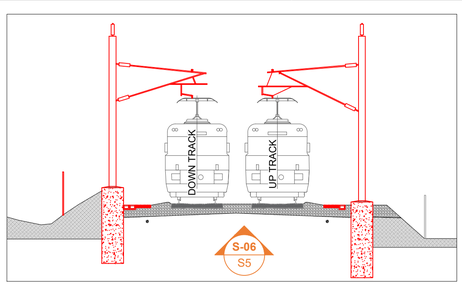
ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

PROPOSED DART+ WEST CONSTRUCTION COMPOUND

CASTLEKNOCK







LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tullaghi College (TLCG).

Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C3 · ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3 (0 15.625 31.25 62.5)

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 10 of 42

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

REFER TO SHEET 12

REFER TO SHEET 10

OLD NAVAN ROAD 7

NAVAN ROAD 7

CASTLEKNOCK ROAD 15

DUNSINK LN 7

RIVER ROAD 15

M50

TOLKA RIVER

ROYAL CANAL

10.0 km

9.0 km

CC-STR-S5-56130-B

CC-STR-S5-56060-B

UBG7B

OBG 6D

OBG 6C

OBG 6B

OBG 7A

OBG 7C

56+000 S5 U

56+000 S5 D

55+500 S5 U

55+500 S5 D

MILE POST 4 1/2 MILES

MILE POST 4 1/4 MILES

MILE POST 4 MILES

TRACK LOWERING

DUNSINK LANE RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

M50 RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

OBG 9

OBG 11

OBG 11A

UBG10

UBG6A

AP

UP LINE MGWR

DOWN LINE MGWR

TEMPORARY ACCESS ROAD TO OLD NAVAN ROAD RESIDENTIAL PROPERTIES

TO DUBLIN

CC-SUB-S5-56500

CC-STR-S5-56460-B

CC-LC-S5-58670-B
COOLMINE LEVEL CROSSING COMPOUND TO BE SET UP IN A DIFFERENT PHASE

COOLMINE LEVEL CROSSING - JUNCTION UPGRADES - CASTLEKNOCK ROAD JUNCTION

CASTLEKNOCK

AUBURN

NAVAN ROAD 7

E= 708000

E= 708500

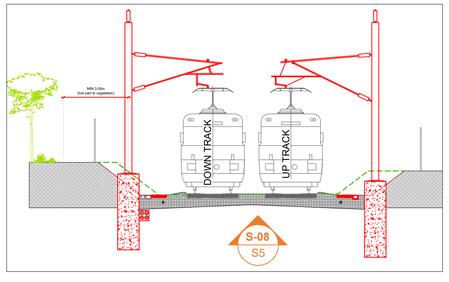
E= 709000

E= 709500

N= 738000

N= 738500





REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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All elevations are in metres and relate to OSi Gaiod Model (OSGM02) Malin Head as defined by existing Project Control.
All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

Drawing Title: GENERAL DESIGN
PROJECT SCHEMATIC
LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: PI101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 11 of 42

REFER TO SHEET _ 13

REFER TO SHEET _ 11

BLANCHARDSTOWN

CASTLEKNOCK

OLD NAVAN ROAD 7

CASTLEKNOCK ROAD 15

11.0 km

10.0 km

ROYAL CANAL

CC-STR-S5-56460-B

OBG 11A

OBG 11

OBG 9

UBG10

57+000 S5 U

57+000 S5 D

56+500 S5 U

56+500 S5 D

MILE POST 5 1/4 MILES

MILE POST 5 MILES

MILE POST 4 3/4 MILES

TAP

AP

CASTLEKNOCK STATION

PLATFORM 1

PLATFORM 2

CC-SUB-S5-56500

UP LINE MGWR

DOWN LINE MGWR

TO DUBLIN

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

CC-LC-S5-58670-B
COOLMINE LEVEL CROSSING COMPOUND TO BE SET UP IN A DIFFERENT PHASE

TEMPORARY ACCESS ROAD TO OLD NAVAN ROAD RESIDENTIAL PROPERTIES

COOLMINE LEVEL CROSSING - JUNCTION UPGRADES - CASTLEKNOCK ROAD JUNCTION

M50

N 738500
E 707500

N 737500
E 707500

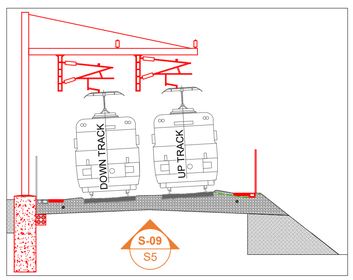
N 736500
E 708500

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN



LEGEND

- PROPOSED OVERBRIDGE / UNDERBRIDGE
- RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE
- OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED
- OVERBRIDGE / UNDERBRIDGE / CULVERTS
- PERMANENT COMPOUND
- CONSTRUCTION COMPOUND
- LEVEL CROSSING REPLACEMENT / ROAD INTERV.
- FLOOD COMPENSATORY STORAGE AREAS
- TEMPORARY ACCESS
- RAILWAY STATION MODIFIED
- RAILWAY STATION EXISTING
- RAILWAY STATION NEW
- CONCRETE SLAB TRACK
- PROPOSED TRACK ACCESS POINT / ACCES POINT
- EXISTING TRACK ACCESS POINT / ACCES POINT
- MILE POST
- EXISTING RAILWAY
- NEW TRACK & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION
- PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
- PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
- TRACK TO BE DISCONNECTED
- DEVELOPMENT BOUNDARY
- SUB-STATION / ESB
- SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
- PROPOSED LEVEL CROSSING CLOSURE
- WALL HEIGHTENING
- PARAPET HEIGHTENING
- PROPOSED RETAINING WALLS
- PROPOSED FENCING
- EXISTING RETAINING WALLS
- EXISTING FENCING

REV	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C3 · ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3 (0 15.625 31.25 62.5)

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 12 of 42

COOLMINE

COOLMINE ROAD 15

REFER TO SHEET _ 14

REFER TO SHEET _ 12

12.0 km

11.0 km

PROPOSED PEDESTRIAN AND CYCLIST BRIDGE OVER RAILWAY LINE

UP LINE MGWR

DOWN LINE MGWR

MILE POST 6 MILES

56+500 S5 D

56+500 S5 U

56+000 S5 U

56+000 S5 D

COOLMINE TRACK CROSSING

ROYAL CANAL

MILE POST 5 1/2 MILES

57+000 S5 U

57+800 S5 D

TO DUBLIN

MILE POST 5 1/4 MILES

AP

PLATFORM 1

PLATFORM 2

OBG 11B

COOLMINE STATION

CC-SUB-S5-57550

CC-STA-S5-57900-B

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

CARPENTERSTOWN

CARPENTERSTOWN ROAD 15

RIVERWOOD DISTRIB. ROAD 15

N 737500

E 706500

E 707000

E 707500

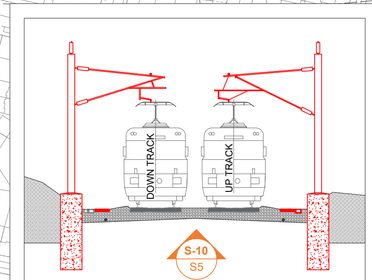
N

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN



LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C3 · ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN
PROJECT SCHEMATIC
LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 13 of 42

COOLMINE LEVEL CROSSING REPLACEMENT - JUNCTION UPGRADES - CLONSILLA ROAD JUNCTION

REFER TO SHEET _ 16

REFER TO SHEET _ 13

CLONSILLA

CLONSILLA ROAD 15

COOLMINE ROAD 15

COOLMINE

CC-LC-S5-58670-B

AP

PROPOSED PEDESTRIAN AND CYCLIST BRIDGE TO BE PROVIDED OVER THE RAILWAY LINE AND ROYAL CANAL

PORTERSTOWN ROAD 15

DISWELLSTOWN ROAD 15

CC-LC-S5-58800-B

PORTERSTOWN LEVEL CROSSING TO BE CLOSED PERMANENTLY

PORTERSTOWN TRACK CROSSING

DR. TROY BRIDGE

13.0 km

12.0 km

OBG 11C

ROYAL CANAL

REFER TO SHEET _ 15

59+000 S5 U

59+000 S5 D

58+500 S5 U

58+500 S5 D

UP LINE MGWR

DOWN LINE MGWR

MILE POST 6 1/2 MILES

MILE POST 6 1/4 MILES

MILE POST 6 MILES

TO DUBLIN

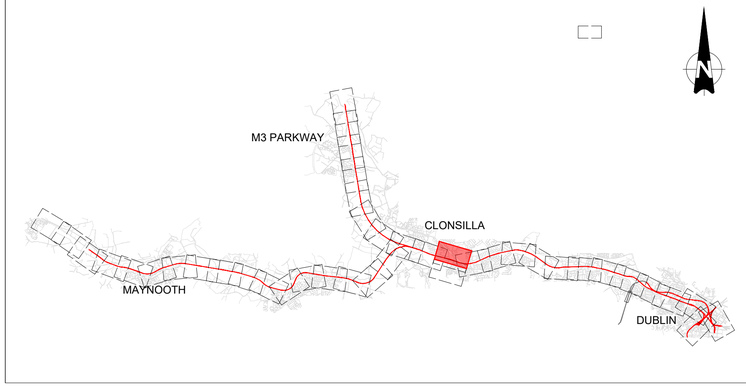
PORTERSTOWN

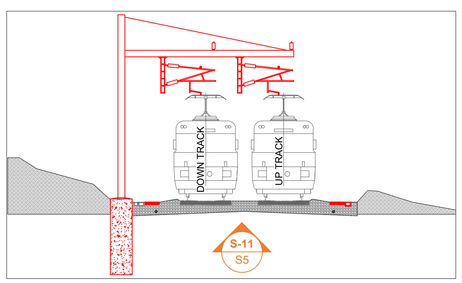
PORTERSTOWN LINK ROAD 15

DISWELLSTOWN ROAD

CC-LC-S5-58800-B

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)





REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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Client: Tionscadal Éireann Project Ireland 2040 | NTA National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Rodgers O'Donovan

Project: DART+ West

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
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LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3

0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 14 of 42

TO DUBLIN

MILE POST 6 1/2 MILES

MILE POST 6 MILES

DOWN LINE MGWR

PORTERSTOWN

PORTERSTOWN LINK ROAD 15

DISWELLSTOWN ROAD 15

DR. TROY BRIDGE

CC-LC-S5-58800-B

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

CARPENTERSTOWN

CC-LC-S5-58670-B

COOLMINE LEVEL CROSSING REPLACEMENT - JUNCTION UPGRADES - DISWELLSTOWN JUNCTION

COOLMINE LEVEL CROSSING REPLACEMENT - JUNCTION UPGRADES - PORTERSTOWN ROAD JUNCTION

13.0 km

12.0 km

AP

N: 737500
E: 705500

N: 737000
E: 706000

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
PERMANENT COMPOUND	PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED
CONSTRUCTION COMPOUND	TRACK TO BE DISCONNECTED
LEVEL CROSSING REPLACEMENT / ROAD INTERV.	DEVELOPMENT BOUNDARY
FLOOD COMPENSATORY STORAGE AREAS	SUB-STATION / ESB
TEMPORARY ACCESS	SET BUILDINGS (SEB, PSP, TER, DNO, 10kv adn THP)
RAILWAY STATION MODIFIED	PROPOSED LEVEL CROSSING CLOSURE
RAILWAY STATION EXISTING	WALL HEIGHTENING
RAILWAY STATION NEW	PARAPET HEIGHTENING
CONCRETE SLAB TRACK	PROPOSED RETAINING WALLS
PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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All Co-ordinates are on Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tullaghi College (TLLG).

Client: Tionscadal Éireann 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | CS3 | ROD Architecture & Conservation

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3

0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date:	Job No:	Status:	Rev:	Sheet:
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CLONSILLA JUNCTION TO M3 PARKWAY

PHIBSBOROUGH / GLASNEVIN TO CLONSILLA JUNCTION

REFER TO SHEET _ 17

CLONSILLA

REFER TO SHEET _ 14

CLONSILLA LINK ROAD 15

CLONSILLA ROAD 15

14.0 km

13.0 km

START SECTION S8 UP

CLONSILLA TRACK CROSSING

CC-LC-S6-60150-B

PROPOSED PEDESTRIAN AND CYCLIST BRIDGE TO BE PROVIDED OVER THE RAILWAY LINE AND ROYAL CANAL

OBG 12C

AP

TAP

UP LINE MGWR

DOWN LINE MGWR

PLATFORM 1

PLATFORM 2

MILE POST 7 1/4 MILES

MILE POST 7 MILES

ROYAL CANAL

60+000 S5 U

59+500 S5 U

59+500 S5 D

MILE POST 6 3/4 MILES

MILE POST 6 1/2 MILES

REFER TO SHEET _ 15

TO DUBLIN

CLONSILLA STATION

OBG 12

CC-LC-S6-60150-B

START SECTION S6 UP

START SECTION S6 DN

CC-PW-S5-59970-B

EXISTING RAILWAY SIDING TO BE REALIGNED AND EXTENDED

ZONE C
PHIBSBOROUGH / GLASNEVIN (GLASNEVIN Jct) TO CLONSILLA STATION (CLONSILLA Jct)

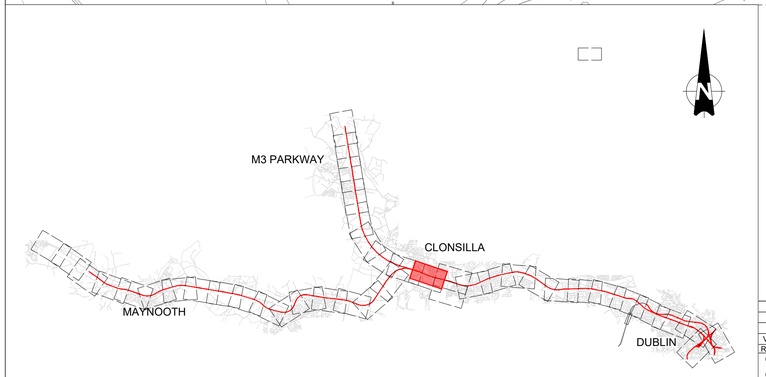
CLONSILLA JUNCTION TO MAYNOOTH DEPOT

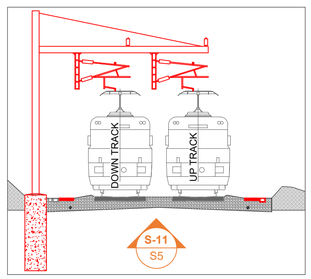
PHIBSBOROUGH / GLASNEVIN TO CLONSILLA JUNCTION

N:738000 E:704500

N:737500 E:705000

N:737000 E:705500





LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE / CULVERTS	PROPOSED TRACK ALIG.MODIF. & ELECTRIFICATION
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RAILWAY STATION EXISTING	WALL HEIGHTENING
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PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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All elevations are in metres and relate to OSi Geoid Model (OSGM02). Metric Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS stations Tullaghi College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | Cre3 | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3

0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01

HANSFIELD

REFER TO SHEET _ 18

REFER TO SHEET _ 16

ZONE D
CLONSILLA STATION (CLONSILLA Jct)
TO M3 PARKWAY STATION (M3 PARKWAY TERMINUS)

CLONSILLA JUNCTION TO M3 PARKWAY

PHIBSBOROUGH / GLASNEVIN TO CLONSILLA JUNCTION

1.0 km

14.0 km

STATION ROAD

15

OBCN 285C

CC-SUB-S8-101070

TAP

PLATFORM 1

PLATFORM 2

UBCN285A

UBCN285B

TO DUBLIN ▶

HANSFIELD STATION

UBCN 285

UBCN 284

ROYAL CANAL

START SECTION S8 DN

MILE POST 7 3/4 MILES

MILE POST 7 1/2 MILES

MILE POST 7 1/4 MILES

70+500 S6 U

70+500 S6 D

UP LINE MGWR ▶

◀ DOWN LINE MGWR

OBG 12C

AP

START SECTION S8 UP

CLONSILLA TRACK CROSSING

CLONSILLA STATION

OBG 12

START SECTION S6 UP

START SECTION S6 DN

CC-SET-S6-70700

15.0 km

BARBERSTOWN TRACK CROSSING

71+000 S6 U

71+000 S6 D

CC-LC-S6-71000-B

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

CLONSILLA JUNCTION TO MAYNOOTH DEPOT

PHIBSBOROUGH / GLASNEVIN TO CLONSILLA JUNCTION

N: 738500
E= 704500

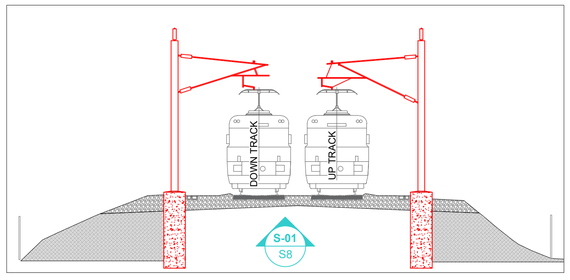
N

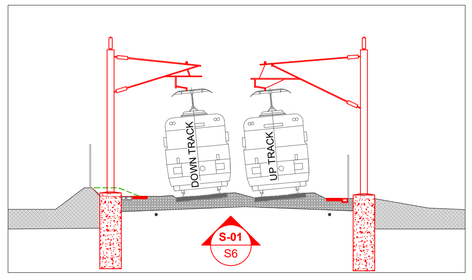
M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN





LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
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PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 · NTA National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C3 · ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 17 of 42

BARNHILL TO ONGAR LINK ROAD TO BE DEVELOPED BY OTHERS

ZONE D
CLONSILLA STATION (CLONSILLA Jct) TO M3 PARKWAY STATION (M3 PARKWAY TERMINUS)

HANSFIELD

REFER TO SHEET – 17

R149 15

UBCN286C

UBCN286B

UBCN286A

MILE POST 8 1/2 MILES

2.0 km

2.0 km

OBCN 286

TAP

MILE POST 8 1/4 MILES

TRACK LOWERING

AP

CC-PW-S8-101660

TO DUBLIN ▶

UBCN285E

MILE POST 8 MILES

OBCN 285C

PLATFORM 1

PLATFORM 2

STATION ROAD 15

CC-SUB-S8-101070

UBCN285A

UBCN285B

HANSFIELD STATION

MILE POST 7 3/4 MILES

1.0 km

1.0 km

CC-SET-S6-70700

CC-LC-S6-71

15.0 km

BARBERSTOWN TRACK CROSSING

7+000 S6 U

7+000 S6 D

REFER TO SHEET – 19

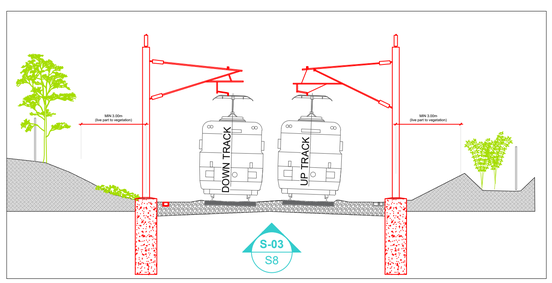
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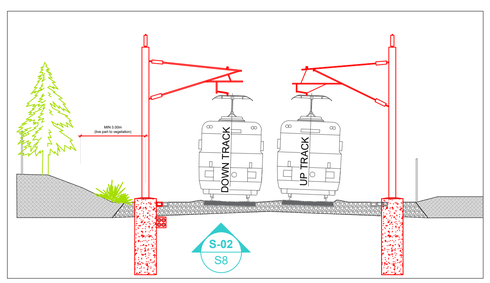
BARNHILL TO ONGAR LINK ROAD TO BE DEVELOPED BY OTHERS

N: 738000

E: 703000







REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tullaghi College (TLCG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
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PROPOSED TRACK ACCESS POINT / ACCES POINT	PROPOSED FENCING
EXISTING TRACK ACCESS POINT / ACCES POINT	EXISTING RETAINING WALLS
MILE POST	EXISTING FENCING

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3

0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 18 of 42

REFER TO SHEET _ 20

REFER TO SHEET _ 18

3.0 km

2.0 km

2.0 km

3.0 km

STIRLING ROAD

R149

OBCN 287

UBCN286F

OBCN 286E

TO M3 PARKWAY

UBCN286D

UBCN286C

UBCN286B

UBCN286A

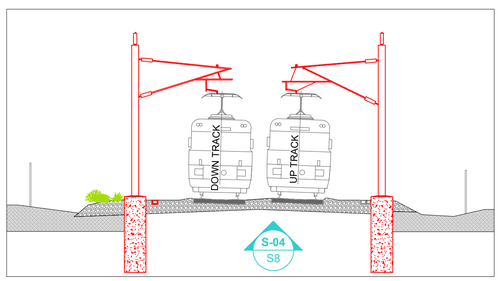
MILE POST 9 MILES

MILE POST 8 3/4 MILES

MILE POST 8 1/2 MILES

ZONE D
CLONSILLA STATION (CLONSILLA Jct) TO M3 PARKWAY STATION (M3 PARKWAY TERMINUS)





REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	RCA	LAN	CCH

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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
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OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
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MILE POST	EXISTING FENCING

Drawing Title: GENERAL DESIGN
PROJECT SCHEMATIC
LAYOUT

Scale: 1:1250 @ A1 1:2500 @ A3
0 15.625 31.25 62.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 19 of 42