REFER TO SHEET _21

REFER TO SHEET _19

STIRLING ROAD

4.0 km

3.0 km

UBCN288C

UBCN288B

UBCN 288A

OBCN 287

MILE POST 9 3/4 MILES

MILE POST 9 1/2 MILES

MILE POST 9 1/4 MILES

MILE POST 9 MILES

TO DUBLIN ▶

E= 702500

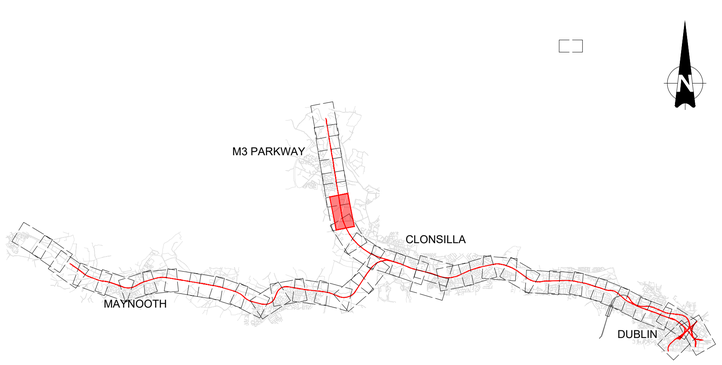
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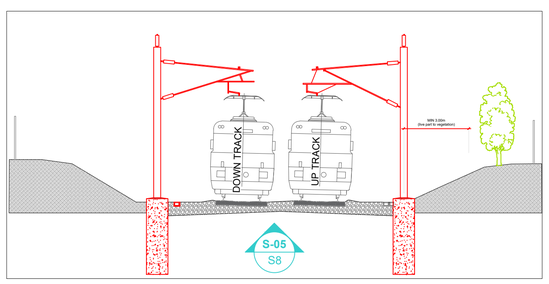
N= 740500

E= 702000

N= 740000

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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All alterations 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 OSI 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 Reddington & O'Herlihy

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: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 20 of 42

L2228 SUMMERHILL ROAD

REFER TO SHEET _ 22

REFER TO SHEET _ 20

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

5.0 km

4.0 km

CC-PW-S8-104970-B

CC-SUB-S8-105060

DUNBOYNE STATION

AP

TAP

PLATFORM 1

PLATFORM 2

OBCN 290

OBCN 291

OBCN 290A

UBCN 289

UBCN288D

TO M3 PARKWAY

UBCN288C

UBCN288B

MILE POST
10 1/4 MILES

MILE POST
10 MILES

MILE POST
9 3/4 MILES

TRACK LOWERING

DUNBOYNE

N= 741500

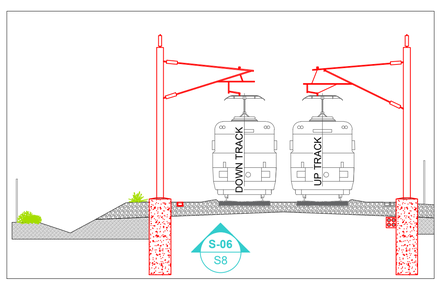
N= 741000

N= 740500

E= 703000

E= 703500





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 Tallaght College (TLLG).

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

Consultant: IDOM | C3 | ROD Mulligan & O'Herlihy

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: 21 of 42

REFER TO SHEET _23

REFER TO SHEET _21

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

TO M3 PARKWAY

DUNBOYNE

DUNBOYNE STATION

SUMMERHILL ROAD

L2228

CC-PW-S8-104970-B

CC-SUB-S8-105060

6.0 km

5.0 km

UBCN 292

UBCN291B

UBCN291A

OBCN 290

OBCN 291

OBCN 290A

AP

TAP

PLATFORM 1

PLATFORM 2

MILE POST 11 MILES

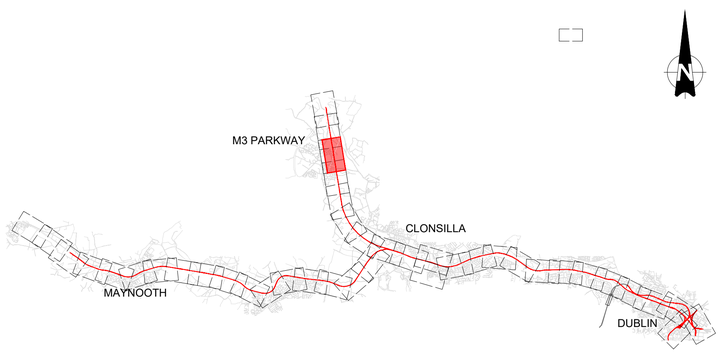
MILE POST 10 3/4 MILES

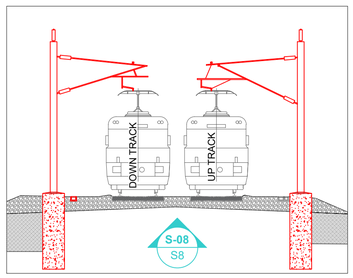
MILE POST 10 1/2 MILES

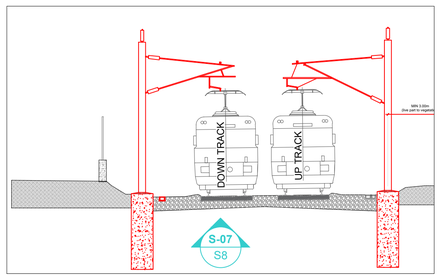
MILE POST 10 1/4 MILES

TRACK LOWERING

KOLKA RIVER







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 stations Tallaght College (TLLG).

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

Consultant: IDOM · Cre3 · 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: P/101086 | Status: F1-Approved & accepted | Rev: V01

REFER TO SHEET _24

REFER TO SHEET _22

R147

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

7.0 km

6.0 km

M3 MOTORWAY

M3 PARKWAY STATION

OBCN 295

OBCN 296A

UBCN 295

UBCN 295B

OBCN 295A

UBCN 293

UBCN 292

UBCN291B

PLATE M1

PLATE M2

TAP

MILE POST 11 1/2 MILES

MILE POST 11 1/4 MILES

MILE POST 11 MILES

FROM M3 PARKWAY ▶

AP

CC-SUB-S8-106950

CC-SET-S8-106950-B

CC-PW-S8-106950-B

TOLKA RIVER

E= 702000

N= 744000

E= 701500

N= 743500

E= 701000

N= 743000

E= 700500

N= 742500

E= 700000

N= 742

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

REFER TO SHEET _23

R147

PROPOSED RAILWAY SIDING

UBCN296C

OBCN 296B

OBCN 296A

MILE POST 11 3/4 MILES

TOLKA RIVER

M3 MOTORWAY

OBCN 295

M3 PARKWAY STATION

UBCN 295

UBCN 295B

OBCN 295A

MILE POST 11 1/2 MILES

AP

CC-SUB-S8-106950

CC-SET-S8-106950-B

CC-PW-S8-106950-B

7.0 km

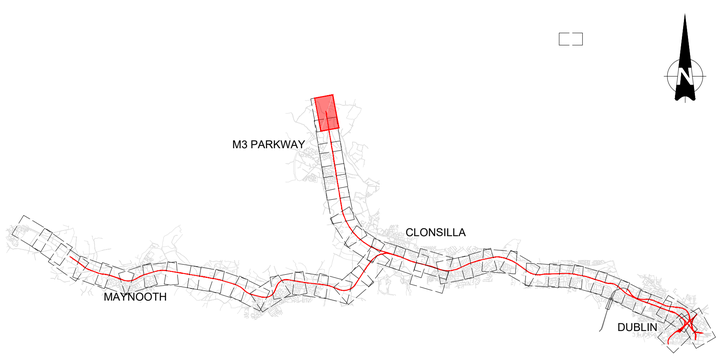
PACELAND

E= 702000

E= 701500

N= 744500

N= 744000



LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
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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 Coordinates are on Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

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

Consultant: IDOM | G3 | ROD Fingleton & O'Mongovan

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: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 24 of 42

BARNHILL TO ONGAR LINK ROAD TO BE DEVELOPED BY OTHERS

CC-LC-S6-71000-B

CC-SET-S6-70700

BARBERSTOWN TRACK CROSSING

UBCN285B

HANSFIELD STATION

REFER TO SHEET _ 26

16.0 km

15.0 km

1.0 km

N= 737500

E= 703000

N= 738000

E= 703000

N= 738500

E= 703500

N= 739000

E= 704000

ROYAL CANAL

71+500 S6 U

71+500 S6 D

72+000 S6 U

72+000 S6 D

UP LINE MGWR

DOWN LINE MGWR

MILE POST 8 1/2 MILES

MILE POST 8 1/4 MILES

MILE POST 8 MILES

MILE POST 7 3/4 MILES

UBG12B

CC-LC-S6-71000-B

PROPOSED NEW ROAD AND BRIDGE OVER RAILWAY LINE AND ROYAL CANAL TO INTERFACE TO PROPOSED BARNHILL TO ONGAR DISTRIBUTOR ROAD.

ZONE E
CLONSILLA STATION (CLONSILLA Jct) TO MAYNOOTH SATION

WESTMANSTOWN SPORTS CENTRE

R121 WOODWALL ROAD

TO D

AP

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN

N

DOWN TRACK

UP TRACK

S-01
S6

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
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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: 25 of 42

REFER TO SHEET – 27

REFER TO SHEET – 25

ROYAL CANAL

MILE POST 9 174 MILES

UBG 13B

17.0 km

N= 737000

E= 702500

R149 15

73+000 S6 U

73+000 S6 D

OBG 13

TAP

MILE POST 9 MILES

AP

72+500 S6 U

72+500 S6 D

MILE POST 9 4 MILES

TAP

16.0 km

N= 737500

E= 703000

72+000 S6 U

72+000 S6 D

MILE POST 9 172 MILES

UP LINE MGWR

DOWN LINE MGWR

TO DUBLIN

17.0 km

N= 736500

E= 702000

N= 737000

E= 703000

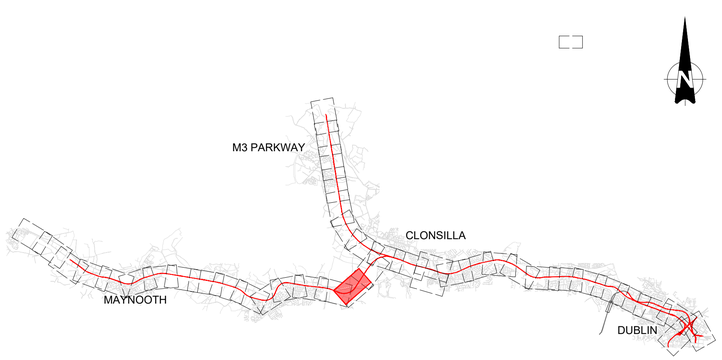
16.0 km

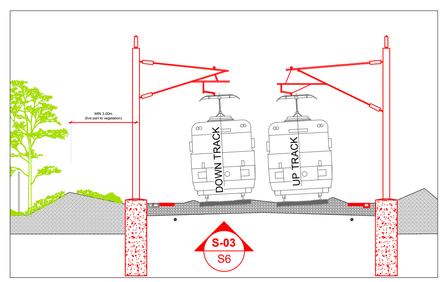
COLLINS RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

TRACK LOWERING

CC-PW-S6-72830-B

ZONE E
CLONSILLA STATION (CLONSILLA Jct) TO MAYNOOTH SATION





LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE	NEW TRACK & ELECTRIFICATION
OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED	PROPOSED RAILWAY ELECTRIFICATION
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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)
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RAILWAY STATION EXISTING	WALL HEIGHTENING
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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: 26 of 42

REFER TO SHEET _ 28

REFER TO SHEET _ 26

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

18.0 km

17.0 km

R149 15

UBG 13C

UBG13B

ROYAL CANAL

UP LINE MGWR

DOWN LINE MGWR

TO DUBLIN

74+000 S6 U

74+000 S6 D

73+500 S6 U

73+500 S6 D

73+000 S6 U

73+000 S6 D

MILE POST 9 3/4 MILES

MILE POST 9 1/2 MILES

MILE POST 9 1/4 MILES

MILE POST 9 MILES

TAP

OBG

N= 730000

E= 701500

E= 702000

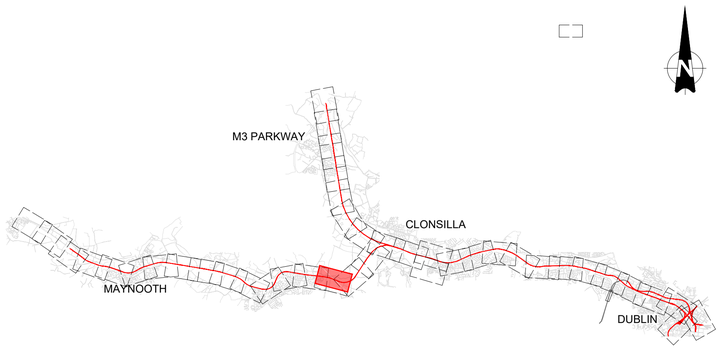
E= 702500

N= 729500

N= 729000

CONFEY

LEIXLIP



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 (TLLG).

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

Consultant: IDOM | C3 | ROD Reddington & O'Herlihy

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 _ 29

REFER TO SHEET _ 27

19.0 km

18.0 km

R149 15

LEIXLIP

HISTORIC BRIDGE RECONSTRUCTION

TWO PROPOSED PEDESTRIAN AND CYCLIST BRIDGES OVER RAILWAY LINE AND ROYAL CANAL

OBG 14A

OBG 14

UBG13A

ROYAL CANAL

75+000 S6 U

75+000 S6 D

74+500 S6 U

74+500 S6 D

74+000 S6 U

74+000 S6 D

UP LINE MGWR

DOWN LINE MGWR

TO DUBLIN

TAP

AP

PLATFORM 1

PLATFORM 2

ASE

DNO

MILE POST 10 1/4 MILES

MILE POST 10 MILES

MILE POST 9 3/4 MILES

LEIXLIP CONFEY STATION

CC-SUB-S6-74680

CC-STR-S6-74660

R149 - CAPTAIN'S HILL 15

CONFEY

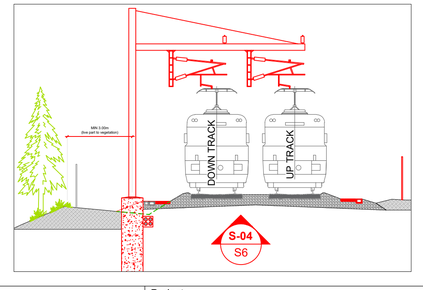
ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

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 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 OSi active GPS station Tallaght College (TLCG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA 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: 28 of 42

REFER TO SHEET 30

REFER TO SHEET 28

N

20.0 km

19.0 km

TO DUBLIN

75+500 S6 U

75+500 S6 D

75+000 S6 U

75+000 S6 D

ROYAL CANAL

MILE POST 10 3/4 MILES

MILE POST 10 1/2 MILES

MILE POST 10 1/4 MILES

MILE POST 11 MILES

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

LEIXLIP

LEIXLIP CONFEY STATION

LOUISA BRIDGE STATION

UBG 15

UP LINE MGWR

DOWN LINE MGWR

R149 - CAPTAIN'S HILL

AP5

AP6

E= 699500

E= 700500

N= 737000

N= 738000

N= 739000

N= 740000

N= 741000

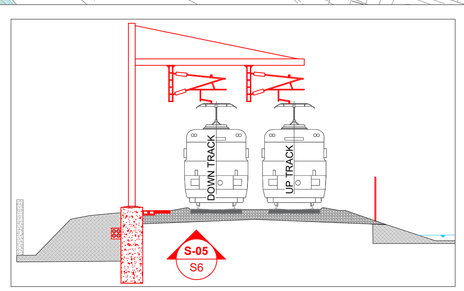
N= 742000

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
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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

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 (OSGM15) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station TaBaght 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: 29 of 42

REFER TO SHEET _ 31

REFER TO SHEET _ 29

INTEL CAMPUS

LEIXLIP LOUISA BRIDGE

LOUISA BRIDGE STATION

TO DUBLIN

TO DUBLIN

21.0 km

20.0 km

20.0 km

RYE WATER

ROYAL CANAL

ROYAL CANAL

UBG 15

OBG 15B

OBG 16

OBG 15A

TAP

AP

AP

AP

77+000 S6 U

77+000 S6 D

76+000 S6 U

76+000 S6 D

76+500 S6 U

76+500 S6 D

PLATFORM 1

PLATFORM 2

MILE POST 11 MILES

MILE POST 11 1/4 MILES

MILE POST 11 1/2 MILES

MILE POST 11 MILES

UP LINE MGWR

DOWN LINE MGWR

CC-STR-S6-76470-B

CC-STR-S6-76540-B

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

R148

15

R148

15

LEIXLIP

N 736500

E 698500

N 736000

E 699000

N 735500

E 699500

N 735000

E 700000

N 734500

E 700500

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
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 (TLLG).

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

Consultant: IDOM | C3 | ROD Architecture & Interiors

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: PI101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 30 of 42

REFER TO SHEET _ 32

REFER TO SHEET _ 30

INTEL CAMPUS

22.0 km

21.0 km

R148 15

R449 15

CC-SUB-S6-78180

CC-SET-S6-78200-B

TAP

AP

UBG16B

UBG16B

78+000 S6 U

78+000 S6 D

77+500 S6 U

77+500 S6 D

77+000 S6 U

77+000 S6 D

ROYAL CANAL

MILE POST 12 1/4 MILES

MILE POST 12 MILES

MILE POST 11 3/4 MILES

MILE POST 11 1/2 MILES

OBG 16A

TO DUBLIN

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

N: 736000 E: 698500

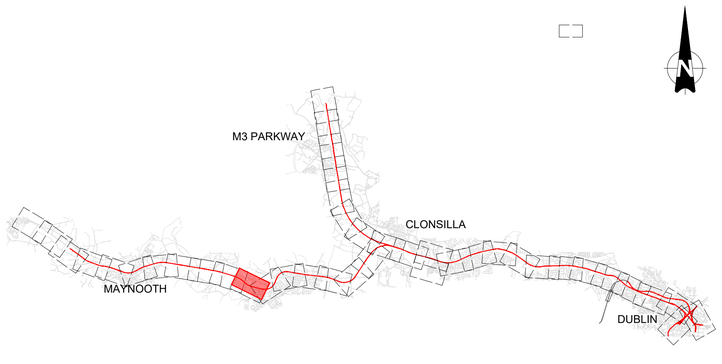
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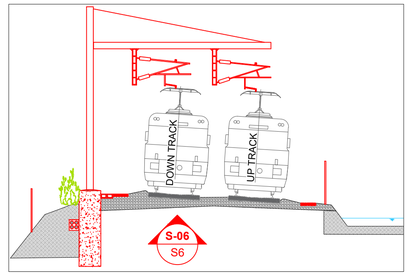
N: 736400 E: 698500

N: 736600 E: 698500

N: 736800 E: 698500

N: 737000 E: 698500





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 (TLLG).

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/1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 31 of 42

REFER TO SHEET _ 33

REFER TO SHEET _ 31

CARTON HOUSE DEMESNE

23.0 km

22.0 km

BLAKESTOWN

CC-SUB-S6-78180

CC-SET-S6-78200-B

R148 15

ROYAL CANAL

79+000 S6 U

79+000 S6 D

78+500 S6 U

78+500 S6 D

78+000 S6 U

78+000 S6 D

MILE POST 12 3/4 MILES

MILE POST 12 1/2 MILES

MILE POST 12 1/4 MILES

UBG 17

UBG16B

UBG16B

AP

AP

AP

TO DUBLIN

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

N: 737000

E= 697000

N: 737500

E= 697500

N: 738000

E= 698000

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
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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 Gaoid 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 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: 32 of 42

REFER TO SHEET _ 34

REFER TO SHEET _ 32

24.0 km

23.0 km

CARTON HOUSE DEMESNE

PIKE RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

TRACK LOWERING

CC-PW-S6-79950-B

N= 737500
E= 696000

N= 737500
E= 696500

N= 737500
E= 697000

N= 737000
E= 696000

N= 737000
E= 696500

N= 737000
E= 697000

R148 15

ROYAL CANAL

MILE POST 13 1/2 MILES

MILE POST 13 1/4 MILES

MILE POST 13 MILES

MILE POST 12 3/4 MILES

80+000 S6 U

80+000 S6 D

79+500 S6 U

79+500 S6 D

79+000 S6 U

79+000 S6 D

TAP

AP

OBG 18

TO DUBLIN ▶

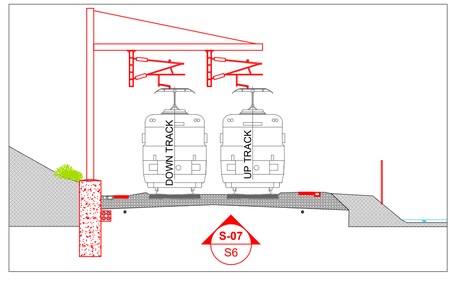
ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

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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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 OSi active GPS stations Tallaght College (TLLG).

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

Consultant: IDOM | CS3 | 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: 33 of 42

REFER TO SHEET _35

REFER TO SHEET _33

25.0 km

24.0 km

R148 15

CARTON HOUSE DEMESNE

PIKE RAIL BRIDGE FOR RAILWAY OVERHEAD LINE EQUIPMENT PROTECTION

TRACK LOWERING

N= 737500

E= 696000

E= 695500

ROYAL CANAL

81+000 S6 U

81+000 S6 D

80+500 S6 U

80+500 S6 D

80+000 S6 U

80+000 S6 D

MILE POST 14 MILES

MILE POST 13 3/4 MILES

MILE POST 13 1/2 MILES

TAC

OBG 18

AP

CC-PW-S6-79950-B

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION

N= 737000

E= 696000

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

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

Consultant: IDOM | G3 | ROD Reddy 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: 34 of 42

REFER TO SHEET _ 36

REFER TO SHEET _ 34

R148 15

R148 15

26.0 km

25.0 km

26.0 km

25.0 km

N= 737500

E= 694000

E= 694500

E= 695000

ROYAL CANAL

ROYAL CANAL

TO DUBLIN

MILE POST 14 1/2 MILES

MILE POST 14 1/4 MILES

MILE POST 14 3/4 MILES

MILE POST 14 MILES

81+500 S6 U

81+500 S6 D

82+000 S6 U

82+000 S6 D

81+000 S6 U

81+000 S6 D

UBG19A

OBG 19

UBG18A

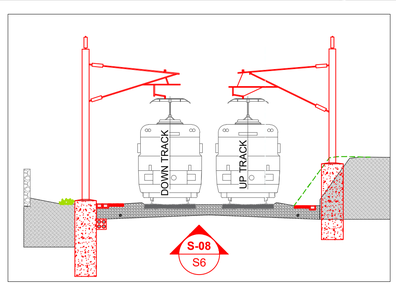
MAYNOOTH

STRAFFAN ROAD

R406 -STRAFFAN ROAD 15

ZONE E
CLONSILLA STATION (CLONSILLA Jct)
TO MAYNOOTH SATION





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 ordnance Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS stations Tallaght College (TLLG).

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

Consultant: IDOM · CE3 · 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: 35 of 42

REFER TO SHEET 37

REFER TO SHEET 35

MAYNOOTH

PROPOSED DOUBLE TRACK RAIL LINES TO MAYNOOTH DEPOT

ST. PATRICK'S COLLEGE

27.0 km

26.0 km

R406 - PARSON STREET 15

R406 - STRAFFAN ROAD 15

R406 - NEWTON ROAD 15

START SECTION S7 UP

START SECTION S7 DN

MAYNOOTH STATION

DRAINAGE OUTFALL TO CULVERT

EXISTING SIDING TO BE ELECTRIFIED

PROPOSED MODIFICATIONS TO MAYNOOTH STATION PLATFORMS

ZONE F
MAYONOOTH STATION TO MAYNOOTH DEPOT

ROYAL CANAL

80+500 S7 U

80+500 S7 D

82+500 S6 U

82+500 S6 D

82+000 S6 U

82+000 S6 D

MILE POST 15 1/4 MILES

MILE POST 15 MILES

MILE POST 14 3/4 MILES

UBG21A

OBG 21

OBG 20A

OBG 20

UBG19A

OBG 19

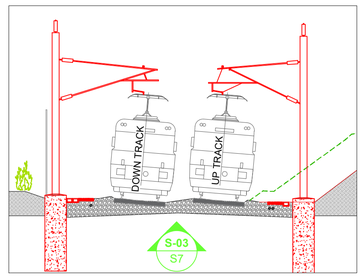
AP

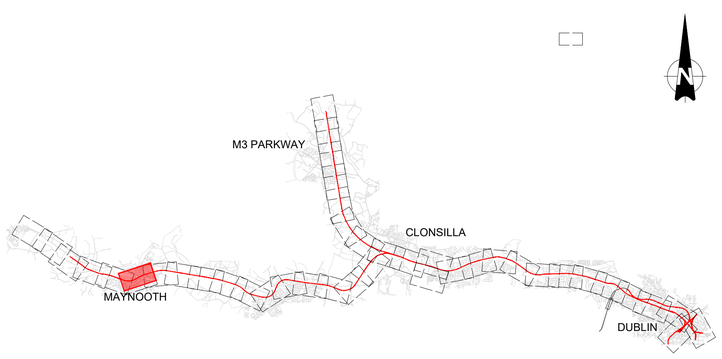
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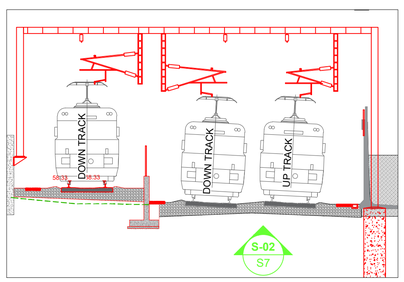
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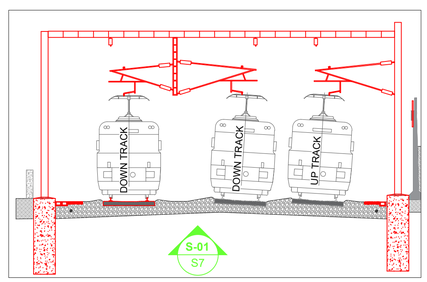
PLATFORM 1

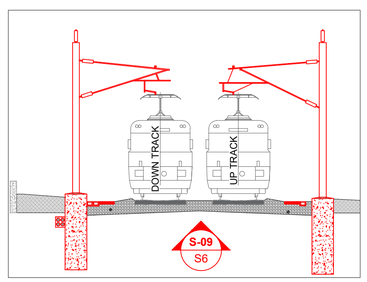
PLATFORM 2











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 on Irish Transverse Mercator Grid (ITM) as defined by OSi 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 Transport & Environment

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: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 36 of 42

R148 15

REFER TO SHEET _ 38

REFER TO SHEET _ 36

ST. PATRICK'S COLLEGE

28.0 km

27.0 km

ROYAL CANAL

UBG21A

MILE POST 16 MILES

MILE POST 15 3/4 MILES

MILE POST 15 1/2 MILES

MILE POST 15 1/4 MILES

TAP

91+000 S7 U

91+000 S7 D

90+500 S7 U

90+500 S7 D

91+500 S7 U

91+500 S7 D

TO DUBLIN

ZONE F
MAYONOOTH STATION TO MAYNOOTH DEPOT

PROPOSED DOUBLE TRACK RAIL LINES TO MAYNOOTH DEPOT

MAYNOOTH

N= 737500

E= 692000

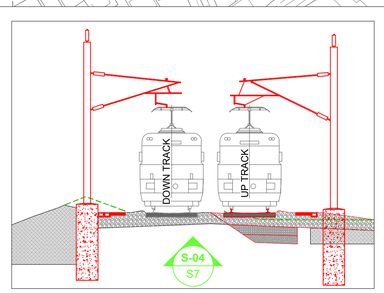
E= 692500

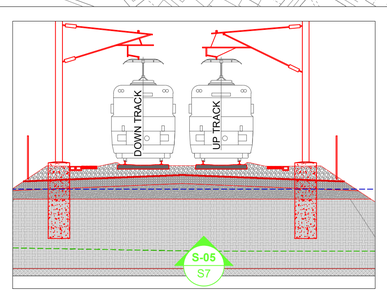
M3 PARKWAY

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 deviations are in metres and relate to OSi Geoid Model (GSGM20) Main 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 (TLLG).

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: 37 of 42

REFER TO SHEET _ 39

REFER TO SHEET _ 37

ZONE F
MAYONOOTH STATION TO MAYNOOTH DEPOT

R148 15

29.0 km

28.0 km

PROPOSED EASTERN CONNECTION FROM DEPOT TO RAILWAY MAINLINE

JACKSON BRIDGE

OBG 23

PROPOSED OFF-LINE ELECTRIFIED DOUBLE TRACK

ROYAL CANAL

FROM MAYNOOTH

92+500 S7 U

92+500 S7 D

92+000 S7 U

91+500 S7 U

91+500 S7 D

MILE POST 16 1/2 MILES

MILE POST 16 1/4 MILES

MILE POST 16 MILES

Automatic Washing

AVI (Automatic Vehicle Inspection)

UBG22B

UBG22A

TAP

AP

PC-PW-S7-92500-B
CCE TRAIN DEPOT PERMANENT COMPOUND

CC-SET-S7-92100-B

CC-STR-S7-91880-B

L5041

LYREEN RIVER

PROPOSED LINK ROAD TO L5041

PROPOSED EXTENTS OF FLOOD COMPENSATORY STORAGE AREAS

PROPOSED EXTENTS OF FLOOD COMPENSATORY STORAGE AREAS

PROPOSED EXTENTS OF FLOOD COMPENSATORY STORAGE AREAS

EXISTING 220kV ESB LINE IS TO BE RAISED TO COMPLY WITH THE CLEARANCE TO THE OHLE IN THE NEW TRACKS BENEATH IT.

N: 738000

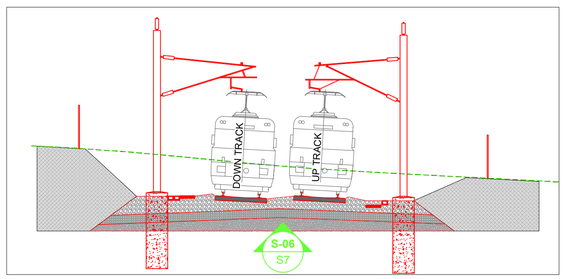
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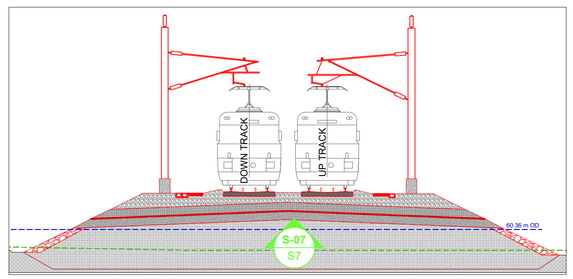
E: 692000

N: 737500

E: 691000







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 dimensions are in metres and relate to OSi Geoid Model (OSGM02) Metric road as defined by existing Project Control.
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: 38 of 42

REFER TO SHEET _ 39

REFER TO SHEET _ 39

REFER TO SHEET _ 38

EXISTING FARM ACCESS BRIDGE TO BE DEMOLISHED

ROAD NO LONGER IN PUBLIC USE

UTILITIES DIVERSION

CC-STR-S7-92900-U

PROPOSED CONNECTION FROM DEPOT TO RAILWAY MAIN LINE

END OF PROPOSED DOUBLE TRACK AND ELECTRIFICATION

PROPOSED NEW BRIDGE

R148 15

29.0 km

30.0 km

UBG24B

OBG 24

OBG 23A

ROYAL CANAL

MILE POST 17 MILES

MILE POST 16 3/4 MILES

MILE POST 16 1/2 MILES

93+000 S7 U

92+500 S7 U

92+500 S7 D

FROM MAYNOOTH ▶

Platform 2

Platform 1

Service Slab /Inspection & Sanding Bay

Automatic Washing

AVI (Automatic Vehicle Inspection)

Main Access & Security

Electrical Substation

AP

ATTENUATION POND

CC-DEP-S7-UP-93370-U

CC-DEP-S7-93060-D

CC-STR-S7-92850-U

DART + DEPOT ACCESS VIA REALIGNED L5041

PC-PW-S7-92500-B

CCE TRAIN DEPOT PERMANENT COMPOUND

PROPOSED LINK ROAD TO L5041

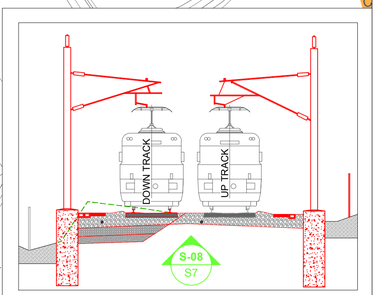
ZONE F
MAYONOOTH STATION TO MAYNOOTH DEPOT

REFER TO SHEET _ 40

PROPOSED EXTENTS OF FLOOD COMPENSATORY STORAGE AREAS

N-E 730000

E- 690000





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) Mean Head as defined by existing Project Control.
All Coordinates are on 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: 39 of 42

REFER TO SHEET _ 41

REFER TO SHEET _ 39

R148

R148 15

31.0 km

30.0 km

ROYAL CANAL

MILE POST 17 3/4 MILES

MILE POST 17 1/2 MILES

MILE POST 17 1/4 MILES

TAP

EXISTING FARM ACCESS BRIDGE TO BE DEMOLISHED

UBG24B

OBG 24

UBG24A

Platform 3

Platform 4

AVI (Automatic Vehicle Inspection)

2nd. Automatic Washing (Future)

Stabling Area

Main Maintenance Workshop & General Storage

Main Offices and Administration / Staff Building and Offices

Reserved area: waste yard, secondary stores, etc

Main Access & Security

AP

ATTENUATION POND

CC-DEP-S7-UP-93370-U

PROPOSED EXTENTS OF FLOOD COMPENSATORY STORAGE AREAS

PROPOSED EXTENTS OF FLOOD COMPENSATORY STORAGE AREAS

N-7 390000

E+ 690000

M3 PARKWAY

CLONSILLA

MAYNOOTH

DUBLIN

LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
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Survey No. **50057239** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2021OSi_NMA_169** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM15) Malin Head as defined by existing Project Control.
All Coordinates are on Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tullaghc College (TLLG).

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: MAY MDC GEN ROUT DR Z 0003 | Phase: D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 40 of 42

REFER TO SHEET _ 40

32.0 km

31.0 km

RYE WATER

ROYAL CANAL

R148

MILE POST 18 1/2 MILES

MILE POST 18 1/4 MILES

MILE POST 18 MILES

MILE POST 17 3/4 MILES

TAP

TAP

Platform 4

PSP

SEB

PROPOSED EMERGENCY ACCESS

PROPOSED EXTENTS OF FLOOD COMPENSATORY STORAGE AREAS

KILCOCK

N: 739000

E= 689000

N: 738000

E= 689000



LEGEND

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All elevations are in metres and relate to OSi Gaoid Model (OSGM15) 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 Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

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

Project: DART+ West

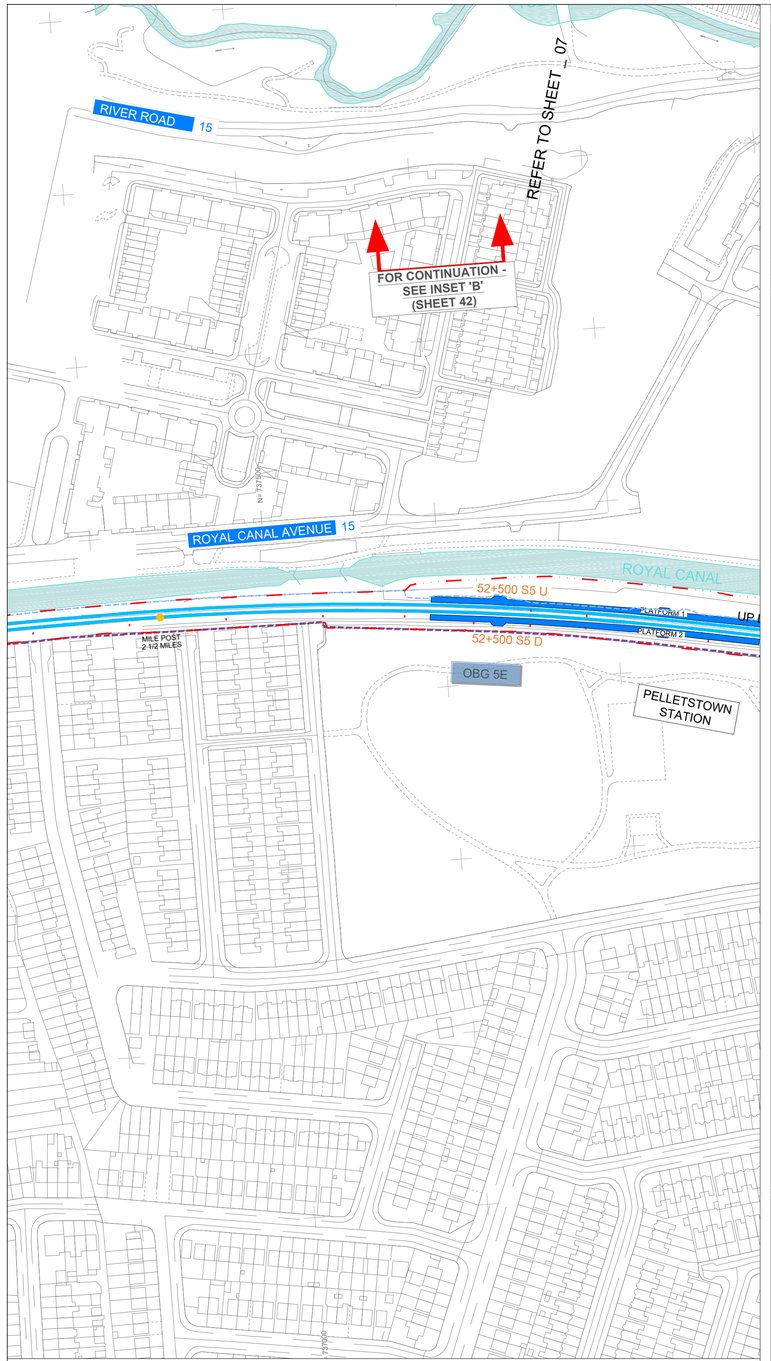
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

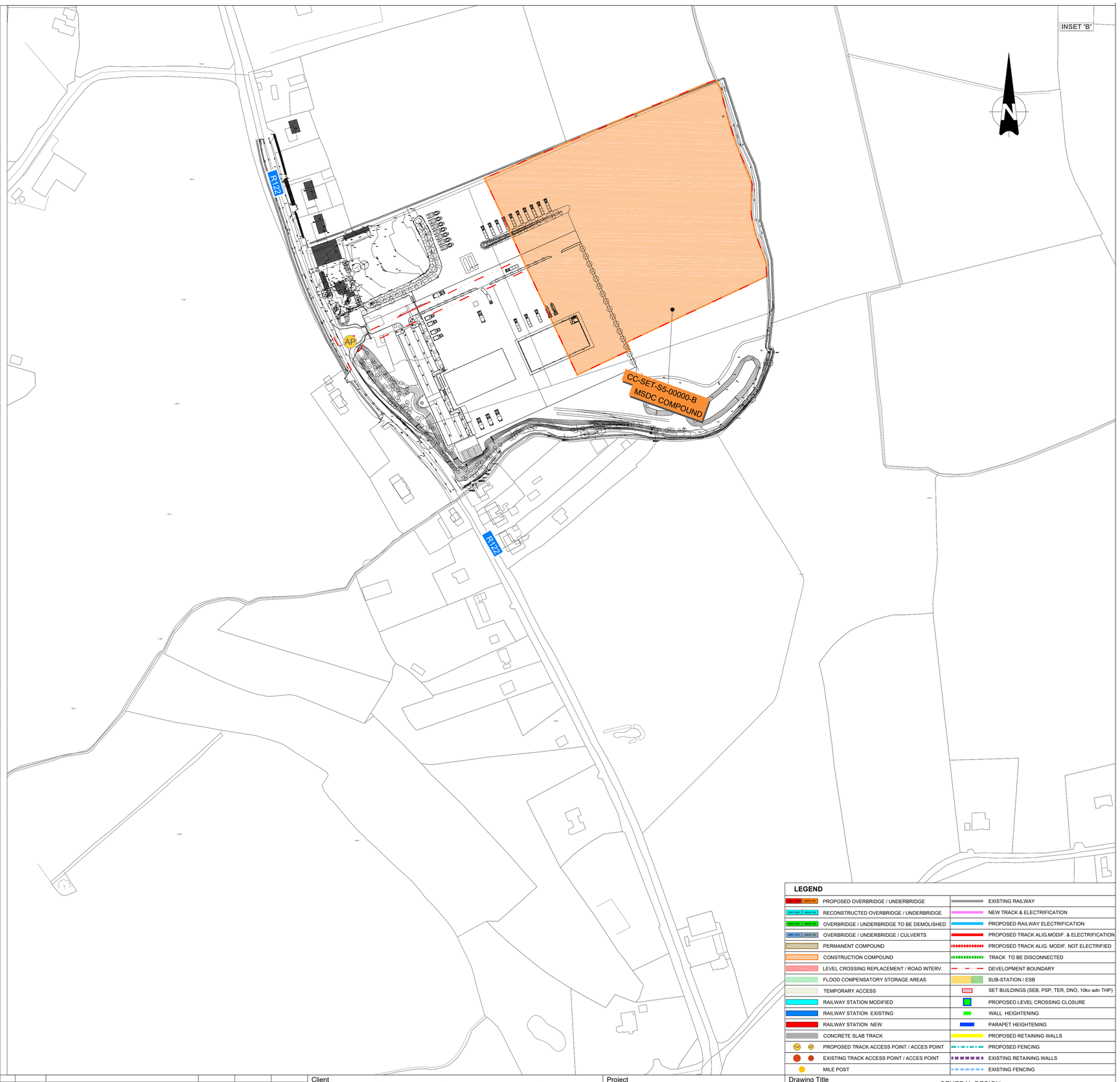
Scale: 1:1250 @ A1 1:2500 @ A3

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: 41 of 42







LEGEND

PROPOSED OVERBRIDGE / UNDERBRIDGE	EXISTING RAILWAY
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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | CS3 | ROD Rendown & O'Mahony

Project: DART+ West

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

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

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