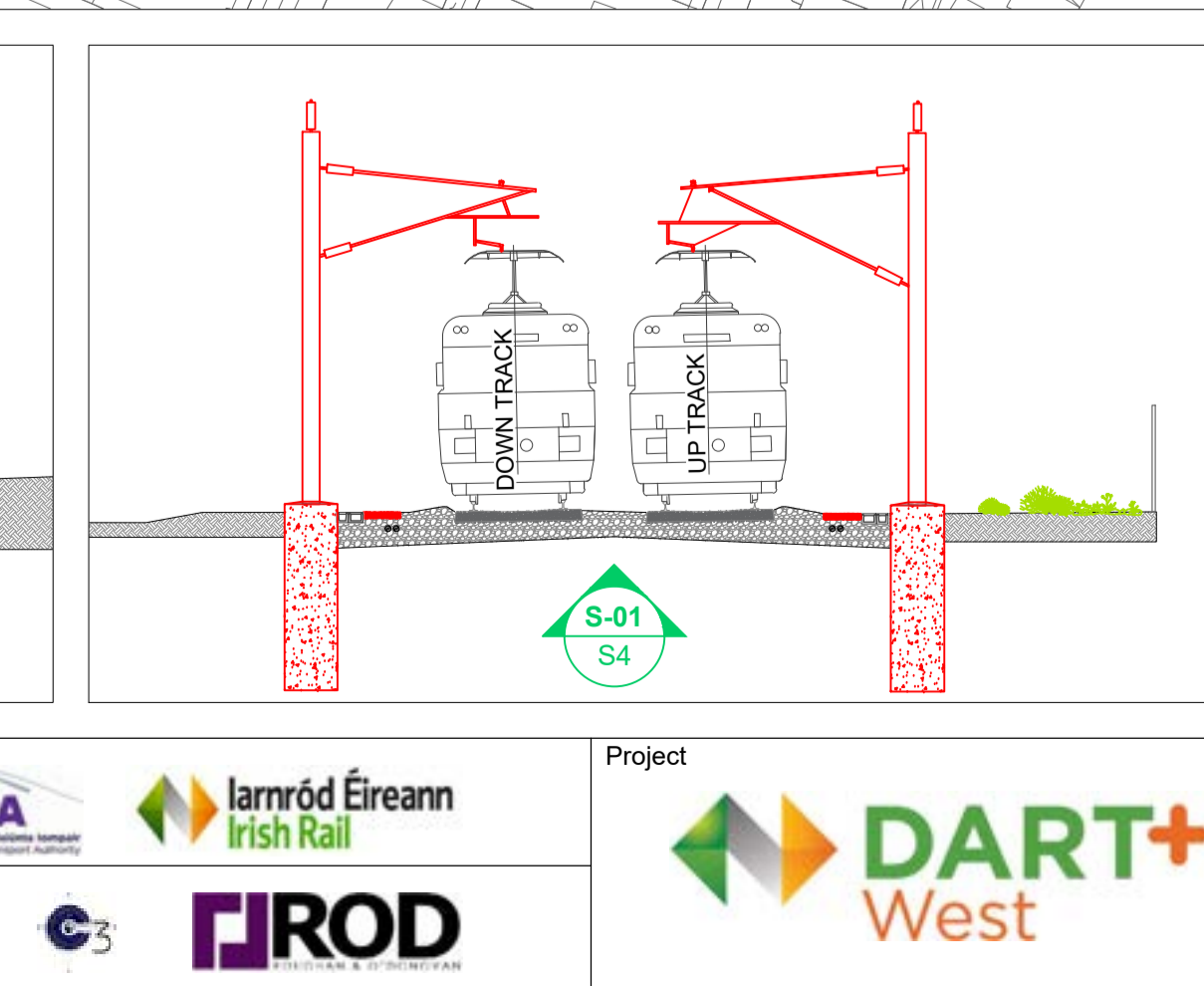
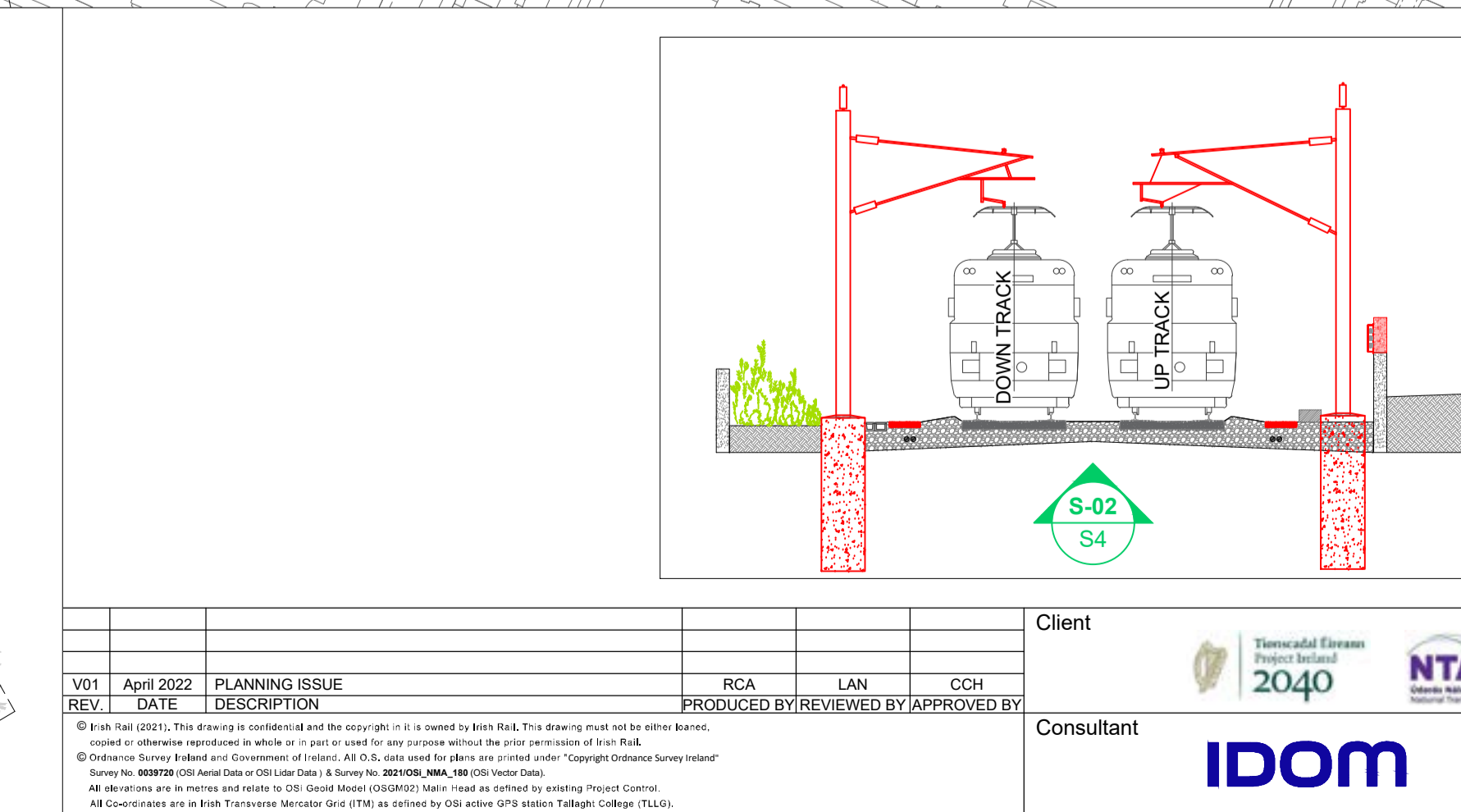
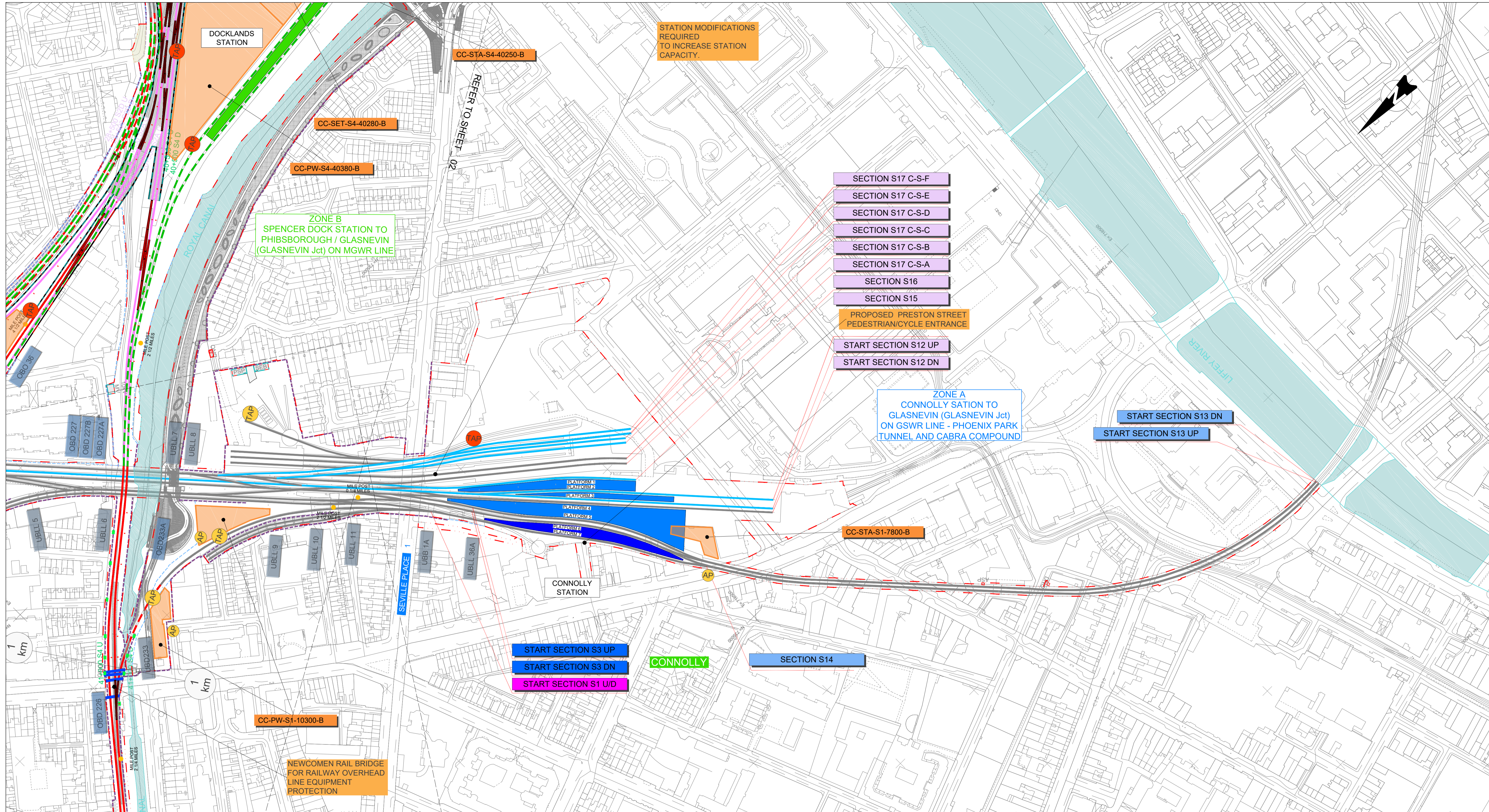


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**Appendix B  
Proposed Development  
Drawings**

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**LEGEND**

|  |  |  |   |
|--|--|--|---|
|  | PROPOSED OVERBRIDGE / UNDERBRIDGE          |  | EXISTING RAILWAY                              |
|  | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE     |  | NEW TRACK & ELECTRIFICATION                   |
|  | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED  |  | PROPOSED RAILWAY ELECTRIFICATION              |
|  | PERMANENT COMPOUND                         |  | PROPOSED TRACK ALIG. MODIF. & ELECTRIFICATION |
|  | CONSTRUCTION COMPOUND                      |  | PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED   |
|  | LEVEL CROSSING REPLACEMENT / ROAD INTERV.  |  | DEVELOPMENT BOUNDARY                          |
|  | FLOOD COMPENSATORY STORAGE AREAS           |  | TRACK TO BE DISCONNECTED                      |
|  | TEMPORARY ACCESS                           |  | PROPOSED RETAINING WALLS                      |
|  | RAILWAY STATION MODIFIED                   |  | PROPOSED FENCING                              |
|  | RAILWAY STATION EXISTING                   |  | EXISTING FENCING                              |
|  | RAILWAY STATION NEW                        |  | EXISTING RETAINING WALLS                      |
|  | CONCRETE SLAB TRACK                        |  | EXISTING FENCING                              |
|  | PROPOSED TRACK ACCESS POINT / ACCESS POINT |  | EXISTING FENCING                              |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING FENCING                              |
|  | MILE POST                                  |  | EXISTING FENCING                              |

**Drawing Title**  
GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

**Scale:** N/A @ A4

**Client:** Transnational European Project Ireland 2040, NTA, Iarnród Éireann Irish Rail

**Consultant:** IDOM, JROD

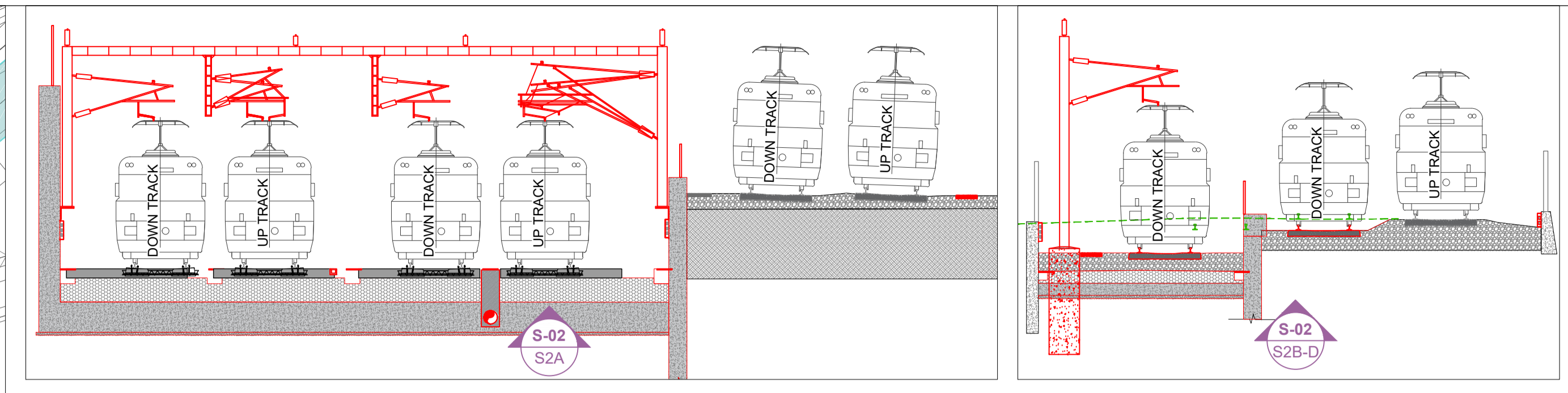
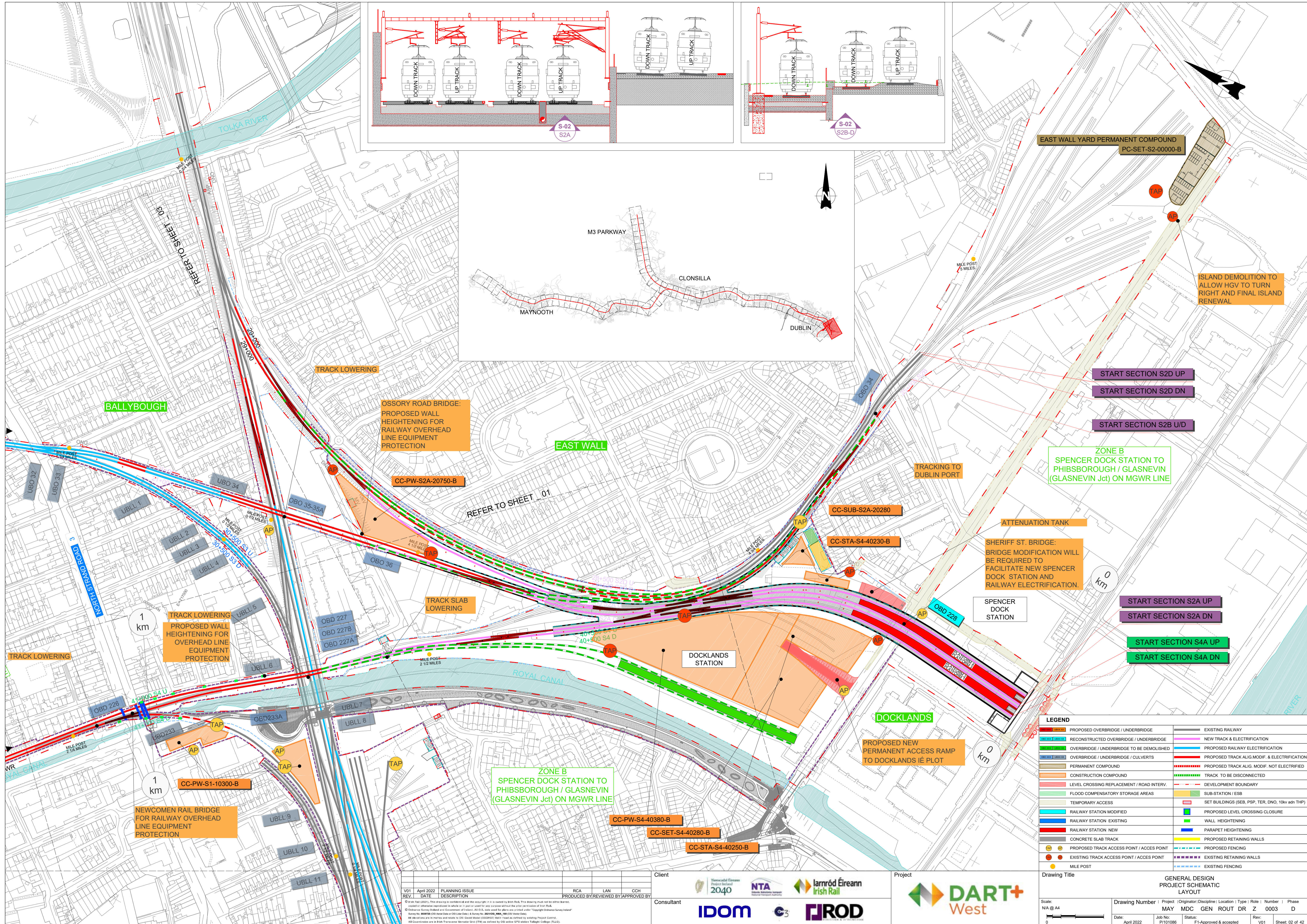
**Project:** DART+ West

|                                     |                  |                             |     |     |     |
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| REV. 01                             | DATE: April 2022 | DESCRIPTION: PLANNING ISSUE | RCA | LAN | CCH |
| PRODUCED BY/REVIEWED BY/APPROVED BY |                  |                             |     |     |     |

**Drawing Number:** Project | MDC | 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:** 01 of 42





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

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

START SECTION S2D UP  
START SECTION S2D DN  
START SECTION S2B U/D

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

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

START SECTION S2A UP  
START SECTION S2A DN  
START SECTION S4A UP  
START SECTION S4A DN

**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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

PRODUCED BY/REVIEWED BY/APPROVED BY

Client: **Transport Infrastructure Authority 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **JROD**

Project: **DART+ West**

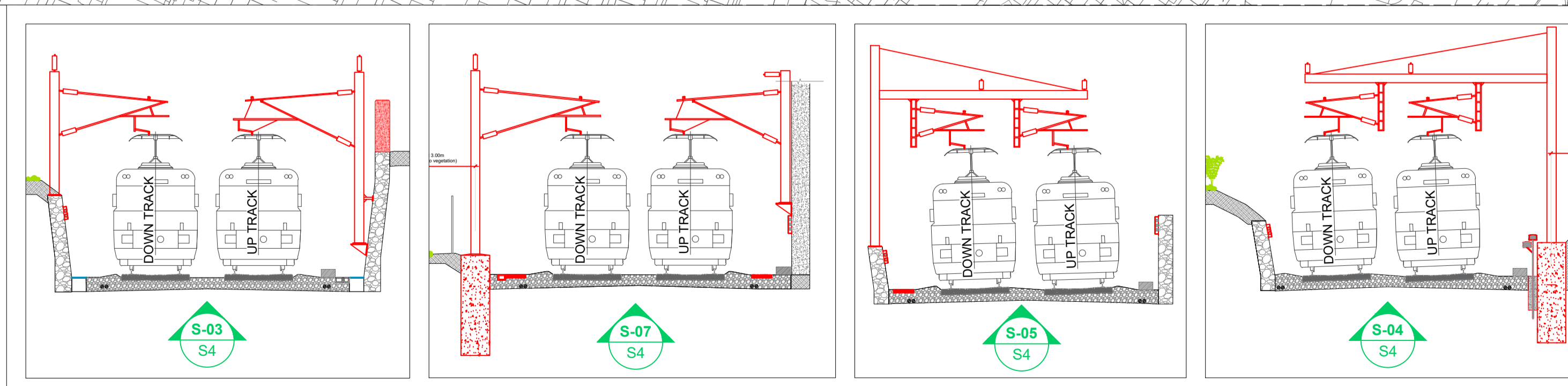
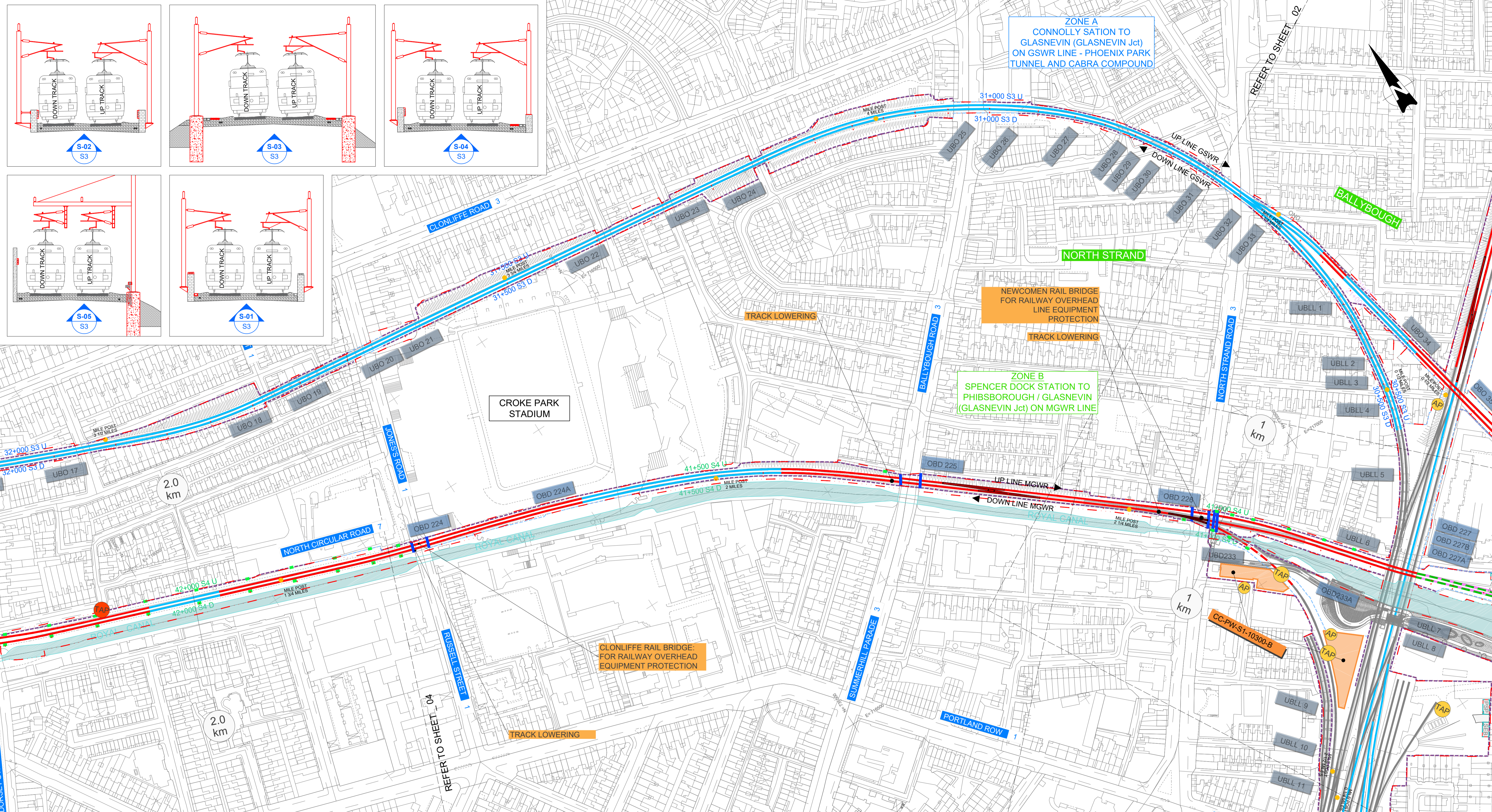
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Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 02 of 42





| LEGEND |  |
|--------|--|
|        | PROPOSED OVERBRIDGE / UNDERBRIDGE                |
|        | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE           |
|        | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED        |
|        | 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 / ACCESS POINT       |
|        | EXISTING TRACK ACCESS POINT / ACCESS POINT       |
|        | MILE POST  |
|        | EXISTING RAILWAY                                 |
|        | NEW TRACK & ELECTRIFICATION                      |
|        | PROPOSED RAILWAY ELECTRIFICATION                 |
|        | PROPOSED TRACK ALIGN. MODIF. & ELECTRIFICATION   |
|        | PROPOSED TRACK ALIGN. 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                         |
|        | EXISTING RETAINING WALLS                         |
|        | PROPOSED FENCING                                 |
|        | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

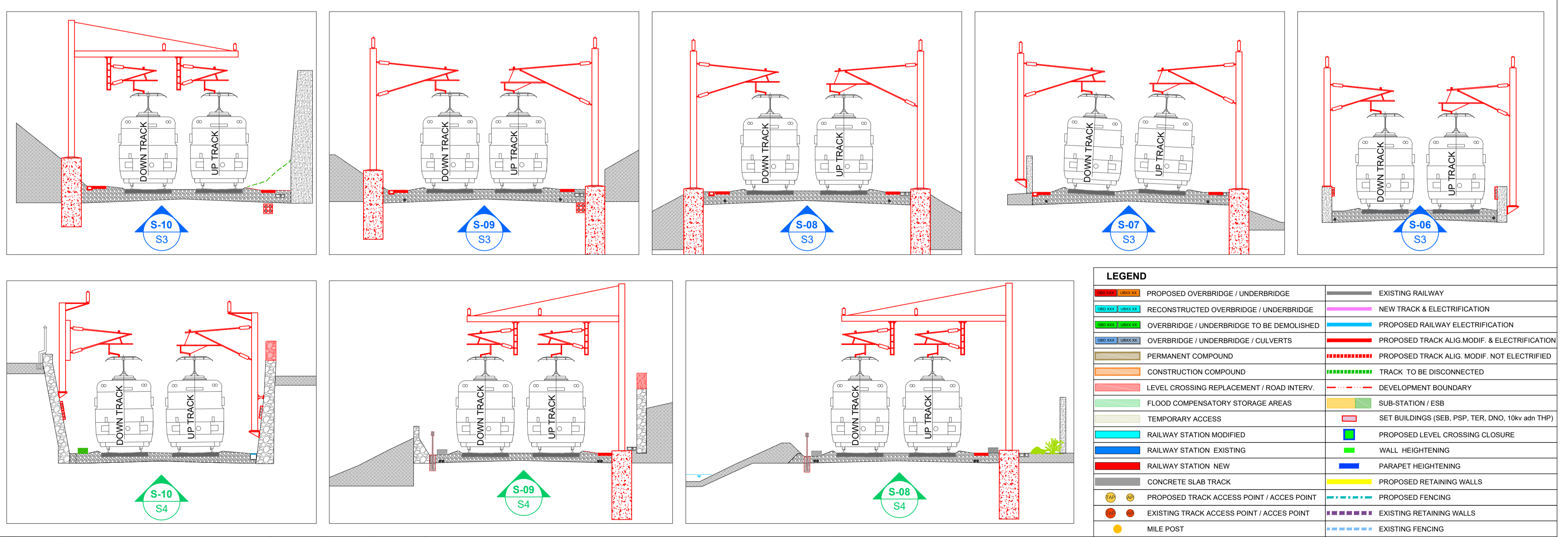
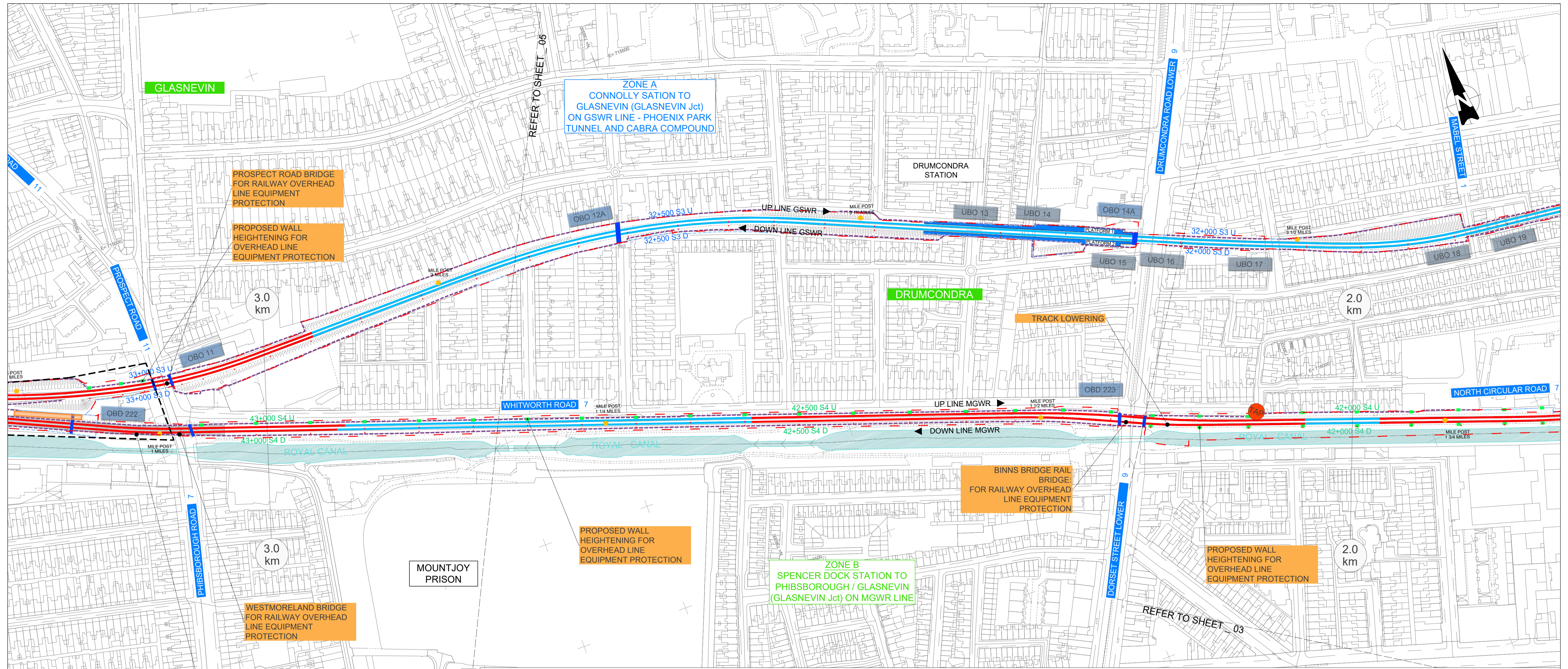
Client:

Consultant:

Project:

|                  |  |                                |   |
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| Scale: N/A @ A4  | Drawing Number: MAY MDC GEN ROUT DR Z 0003 D | Project: DART+ West            | Originator/ Discipline: Location   Type   Role   Number   Phase |
| Date: April 2022 | Job No: P1101086                             | Status: F1-Approved & accepted | Rev: V01   Sheet: 03 of 42                                      |





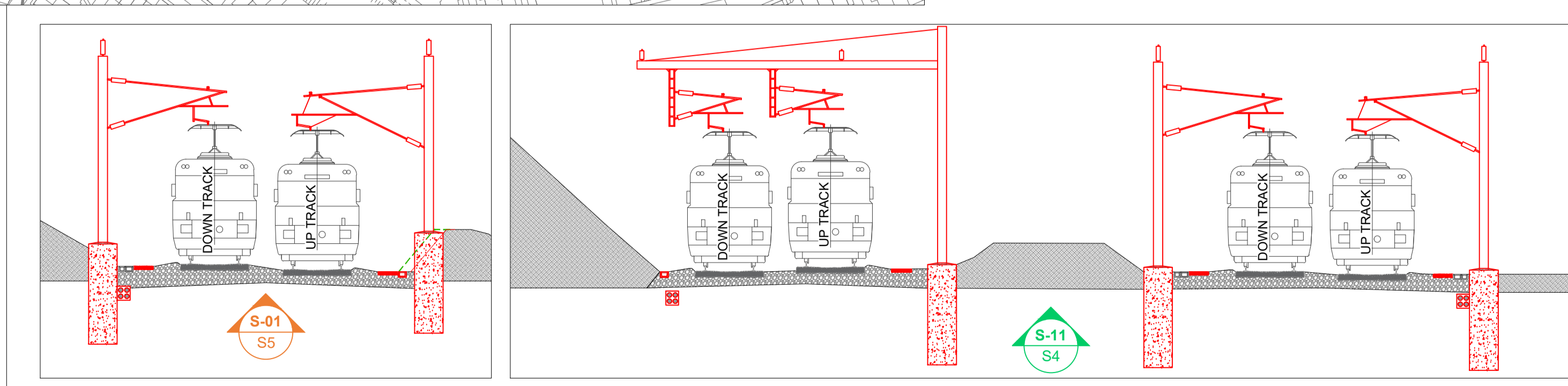
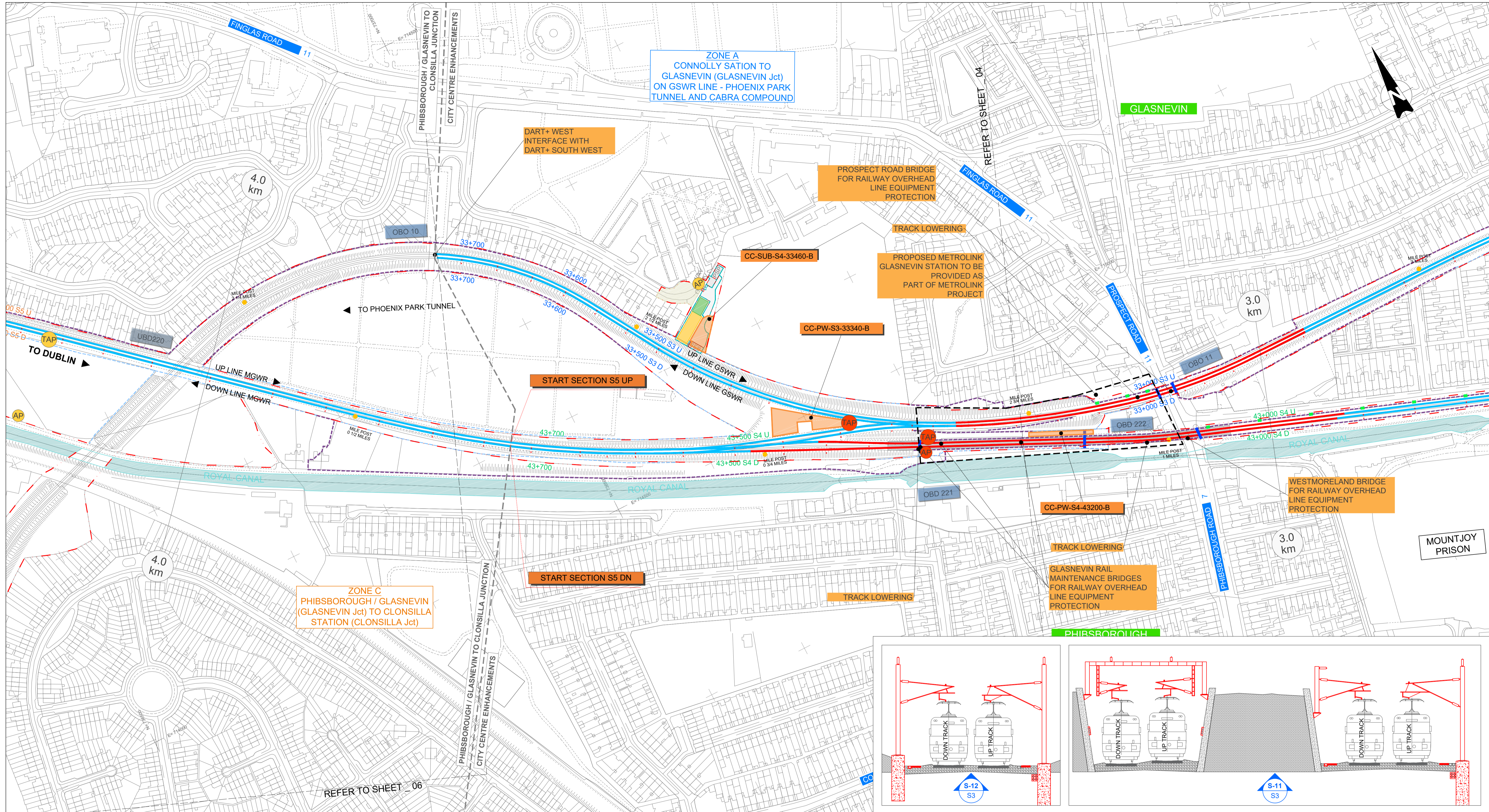
**LEGEND**

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

|            |            |                |   |                |                              |                        |      |
|------------|------------|----------------|---|----------------|------------------------------|------------------------|------|
| Client     |            |                |   | Project        |                              |                        |      |
| Consultant |            |                |   | Drawing Number | MAY MDC GEN ROUT DR Z 0003 D |                        |      |
| REV.       | DATE       | DESCRIPTION    | PRODUCED BY / REVIEWED BY / APPROVED BY | Date           | Job No.                      | Status                 | Rev. |
| V01        | April 2022 | PLANNING ISSUE | RCA LAN CCH                             | April 2022     | P1/101086                    | F1-Approved & accepted | V01  |

Scale: N/A @ A4  
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT  
Sheet: 04 of 42

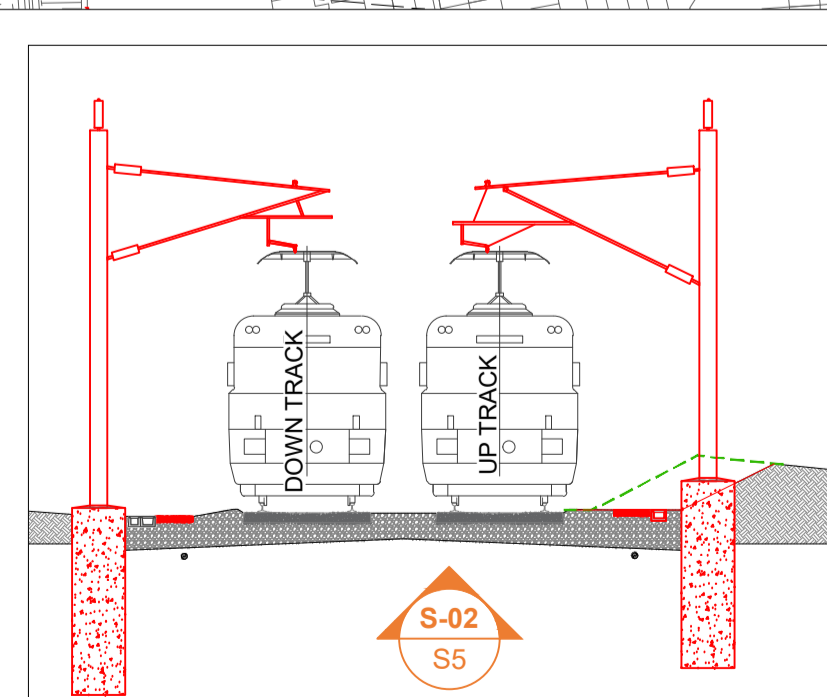
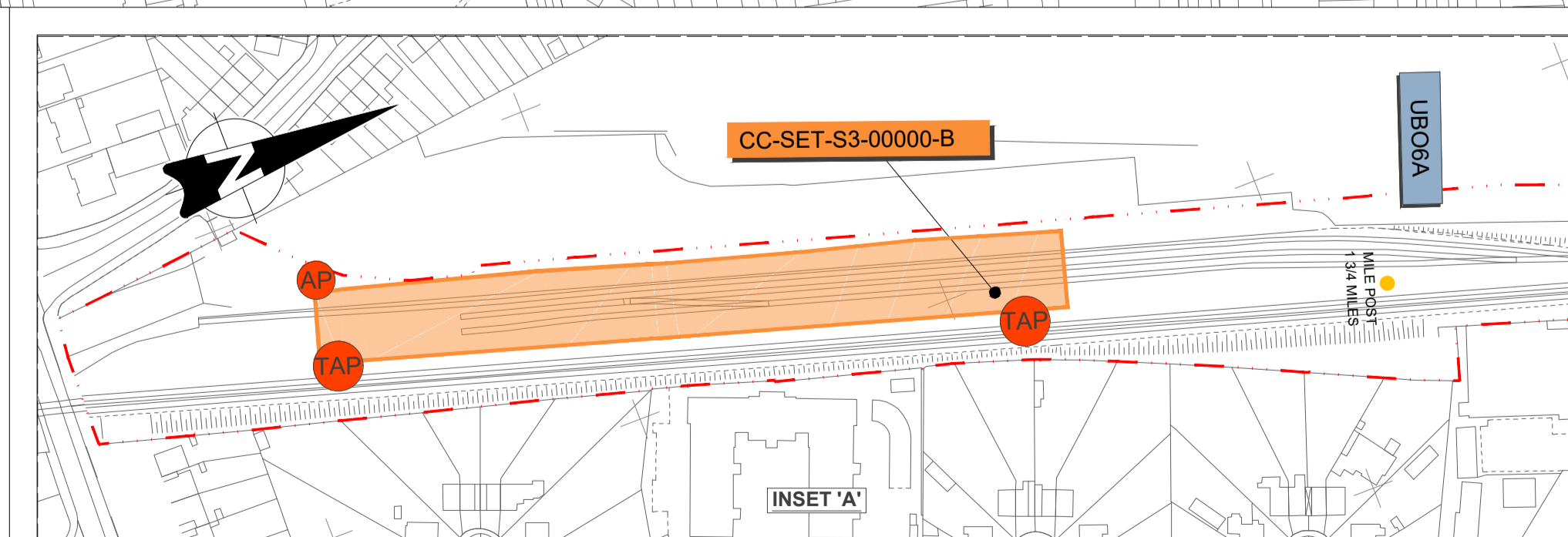
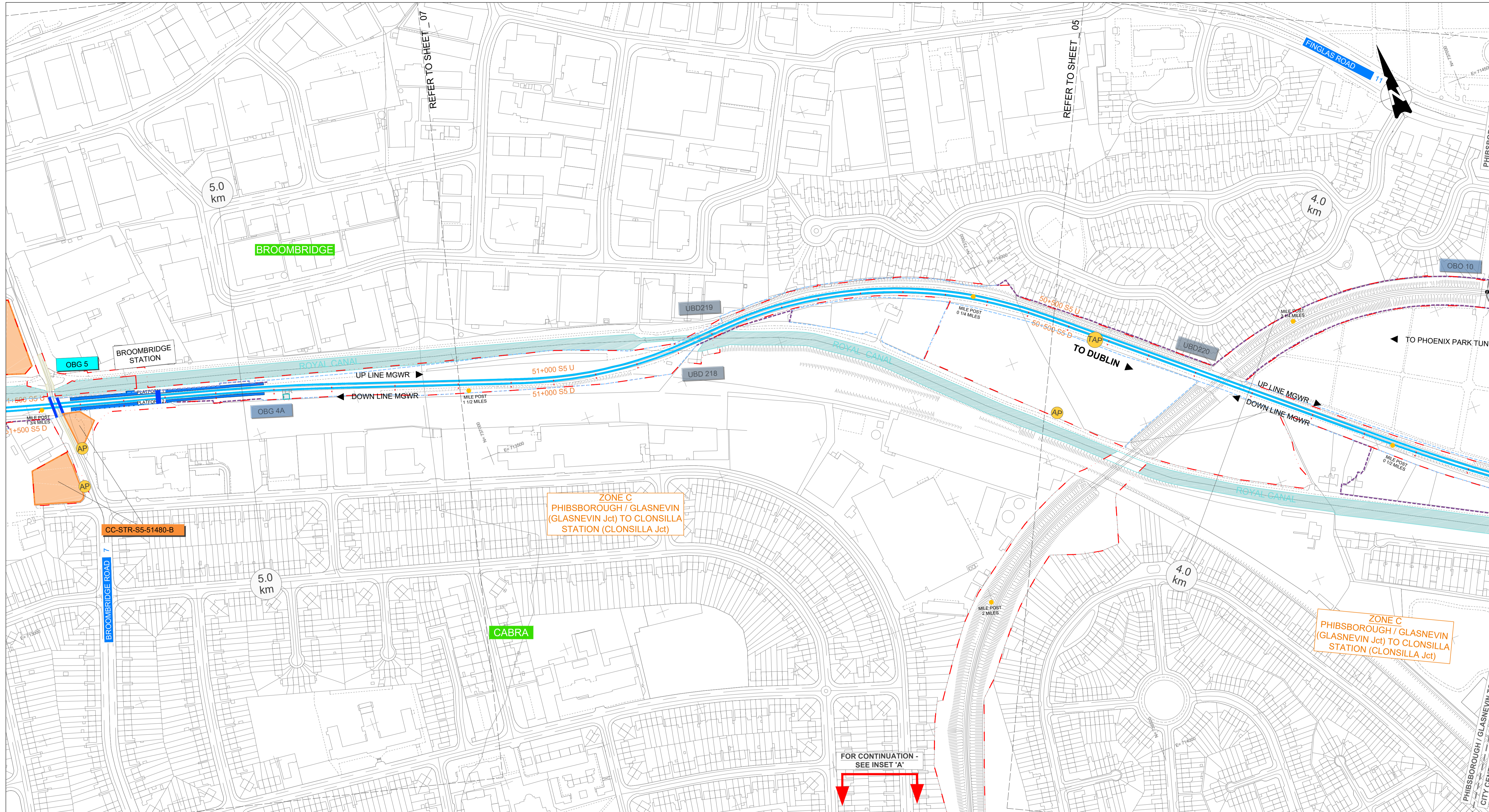




| LEGEND |  |
|--------|--|
|        | PROPOSED OVERBRIDGE / UNDERBRIDGE                |
|        | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE           |
|        | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED        |
|        | PERMANENT COMPUND                                |
|        | CONSTRUCTION COMPUND                             |
|        | 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                         |
|        | EXISTING RETAINING WALLS                         |
|        | PROPOSED FENCING                                 |
|        | EXISTING FENCING                                 |

|   |                     |                |                            |   |                              |
|---|---------------------|----------------|----------------------------|---|------------------------------|
| Client  | Transportation 2040 | NTA            | Iarnród Éireann Irish Rail | Project   | DART+ West                   |
| Consultant  | IDOM                | CS             | IROD                       | Drawing Number  | MAY MDC GEN ROUT DR Z 0003 D |
| REV.  | DATE                | DESCRIPTION    | PRODUCED BY                | DATE  | Job No. P/101086             |
| V01   | April 2022          | PLANNING ISSUE | RCA LAN CCH                | Status:   | F1-Approved & accepted       |
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|   |                     |                |                            | Date:   | April 2022                   |
|   |                     |                |                            | Rev:  | V01                          |
|   |                     |                |                            | Sheet:  | 05 of 42                     |





**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 |  | EXISTING RETAINING WALLS                         |
|  | EXISTING TRACK ACCESS POINT / ACCES POINT |  | PROPOSED FENCING                                 |
|  | MILE POST                                 |  | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

PRODUCED BY/REVIEWED BY/APPROVED BY

Client: 2040, National Transport Authority, Irish Rail

Consultant: IDOM, JROD

Project: DART+ West

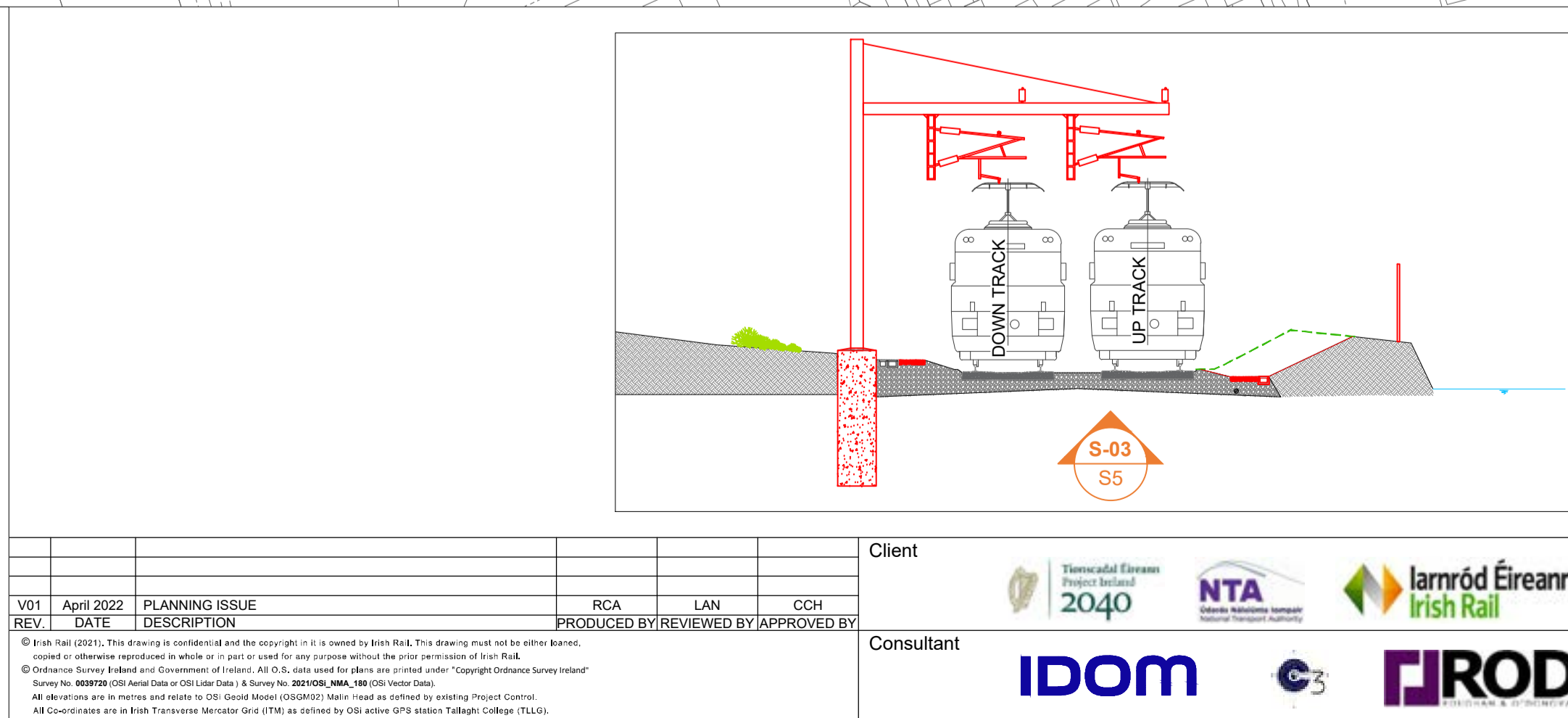
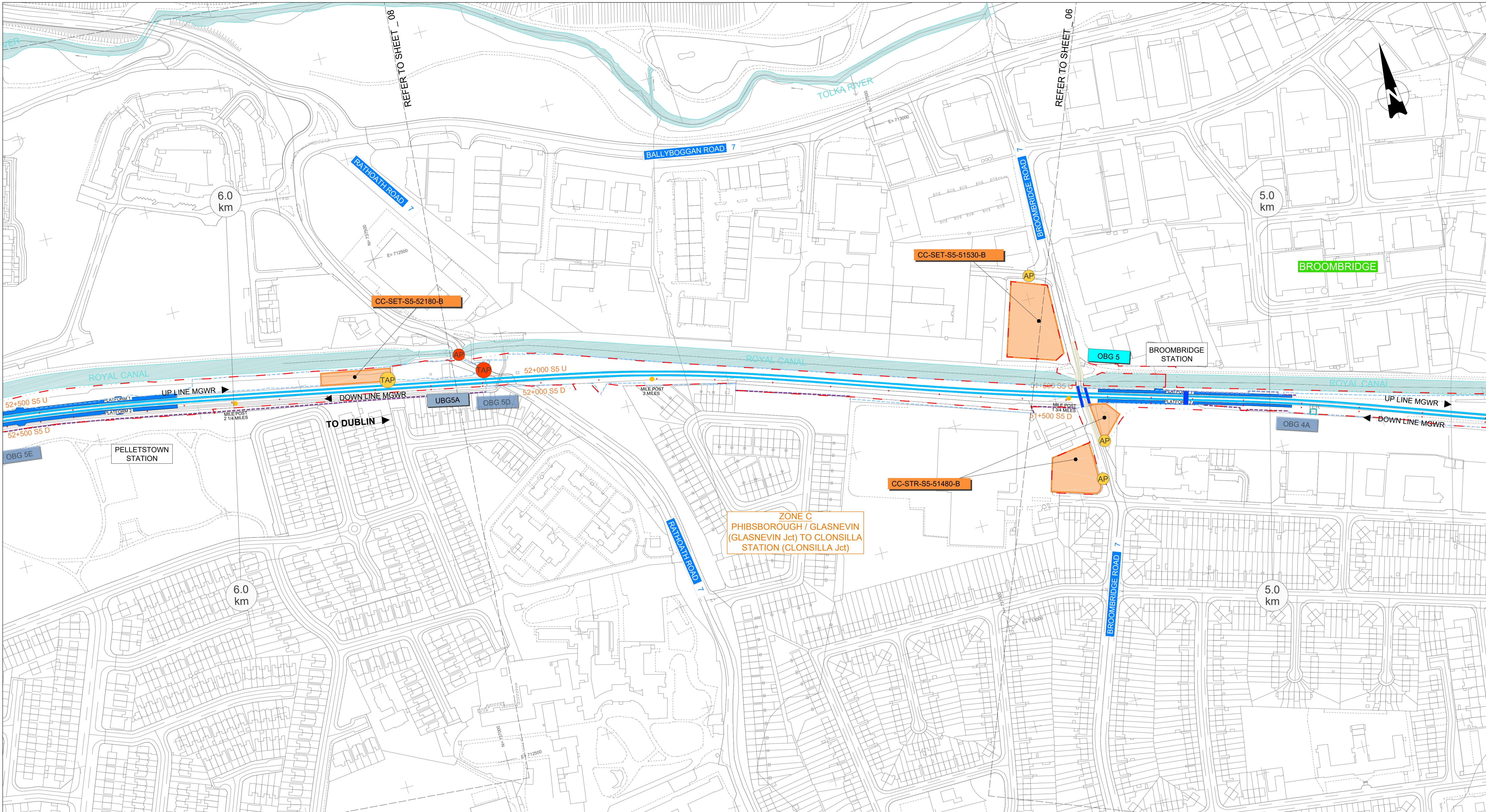
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Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 Job No: P1101086 Status: F1-Approved & accepted Rev: V01 Sheet: 06 of 42



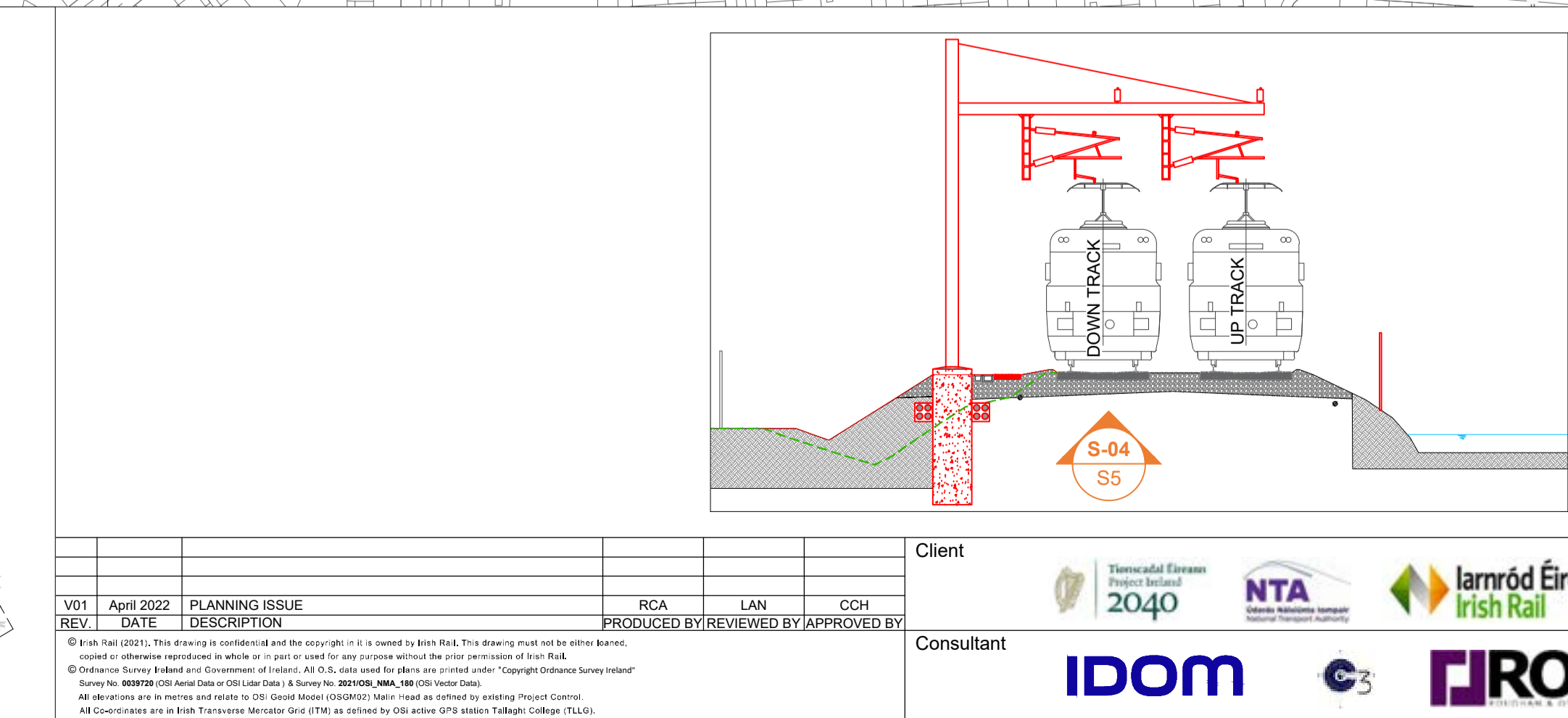
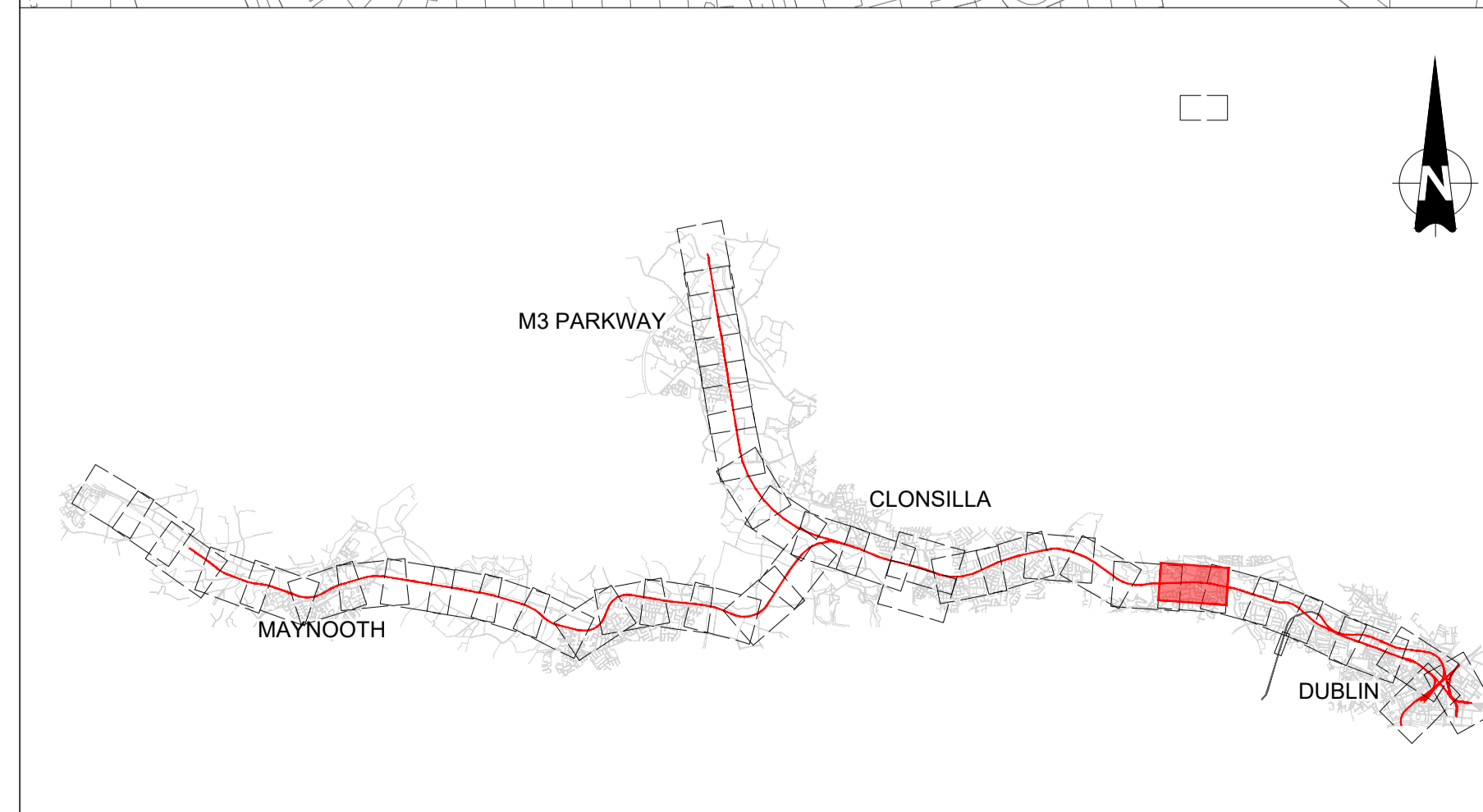
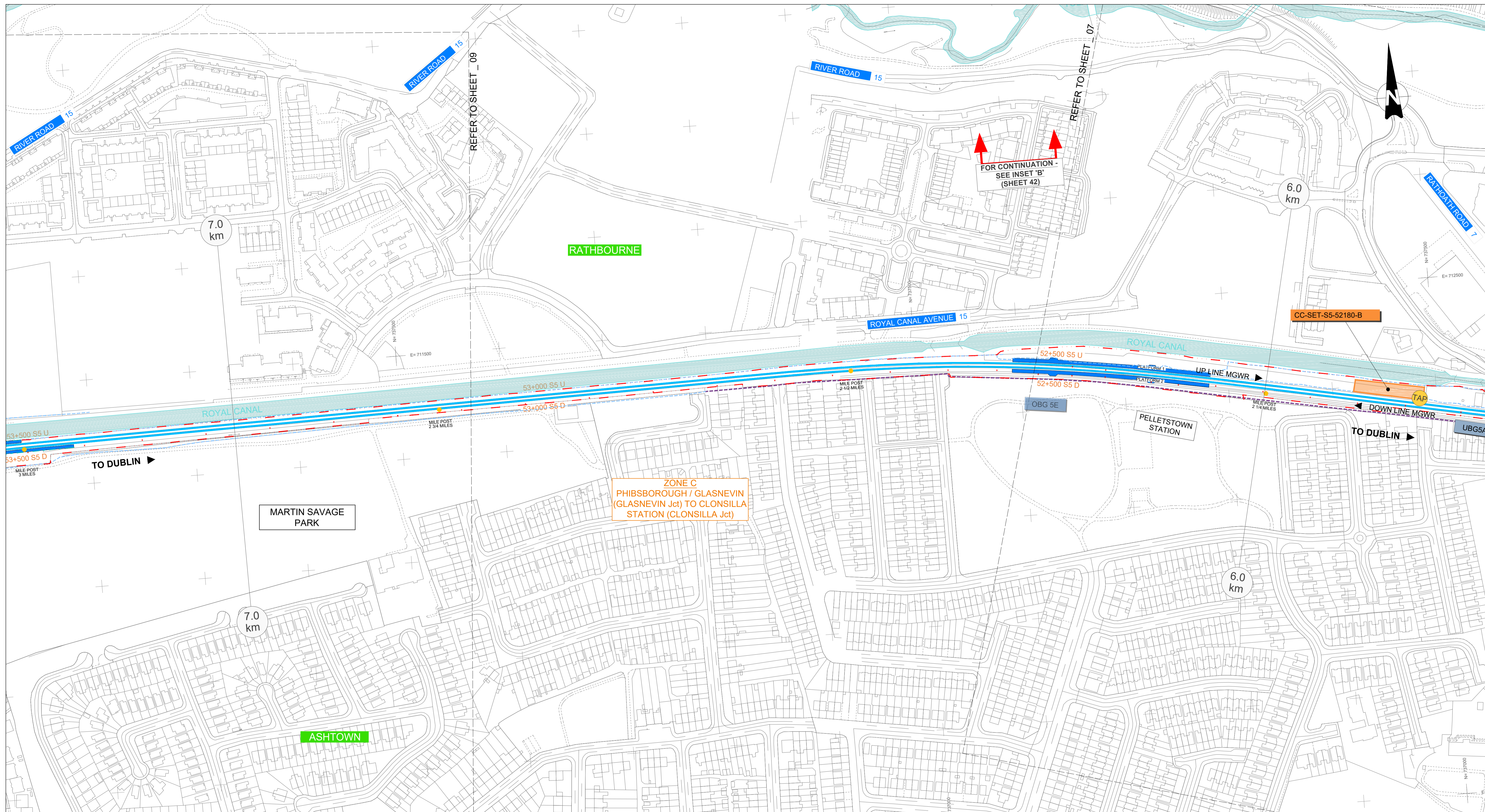


| LEGEND |  |
|--------|--|
|        | PROPOSED OVERBRIDGE / UNDERBRIDGE                |
|        | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE           |
|        | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED        |
|        | OVERBRIDGE / UNDERBRIDGE / CULVERTS              |
|        | PERMANENT COMPOUND                               |
|        | 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 / ACCESS POINT       |
|        | EXISTING TRACK ACCESS POINT / ACCESS POINT       |
|        | MILE POST  |
|        | EXISTING RAILWAY                                 |
|        | NEW TRACK & ELECTRIFICATION                      |
|        | PROPOSED RAILWAY ELECTRIFICATION                 |
|        | PROPOSED TRACK ALIGN. MODIF. & ELECTRIFICATION   |
|        | PROPOSED TRACK ALIGN. 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                         |
|        | EXISTING RETAINING WALLS                         |
|        | PROPOSED FENCING                                 |
|        | EXISTING FENCING                                 |

|   |                        |   |                               |          |                        |
|---|------------------------|---|-------------------------------|----------|------------------------|
| Client  | Theresa Coffey<br>2040 | NTA<br>National Transport Authority           | Iarnród Éireann<br>Irish Rail | Project  | DART+<br>West          |
| Consultant  | IDOM                   | JROD  |                               |          |                        |
| REV.  | DATE                   | DESCRIPTION                                   | RCA                           | LAN      | CCH                    |
| V01   | April 2022             | PLANNING ISSUE                                |                               |          |                        |
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| Drawing Title   |                        | GENERAL DESIGN<br>PROJECT SCHEMATIC<br>LAYOUT |                               |          |                        |
| Scale:  | N/A @ A4               | Drawing Number:                               | MAY                           | Project: | DART+ West             |
| Date:   | April 2022             | Job No.:                                      | P1101086                      | Status:  | F1-Approved & accepted |
|   |                        | Rev.:   | V01                           | Sheet:   | 07 of 42               |





| 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 / ACCESS POINT       |
|        | EXISTING TRACK ACCESS POINT / ACCESS 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                         |
|        | EXISTING RETAINING WALLS                         |
|        | PROPOSED FENCING                                 |
|        | EXISTING FENCING                                 |

Client: **Transportation 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Project: **DART+ West**

Consultant: **IDOM**, **JROD**

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

Produced by / Reviewed by / Approved by

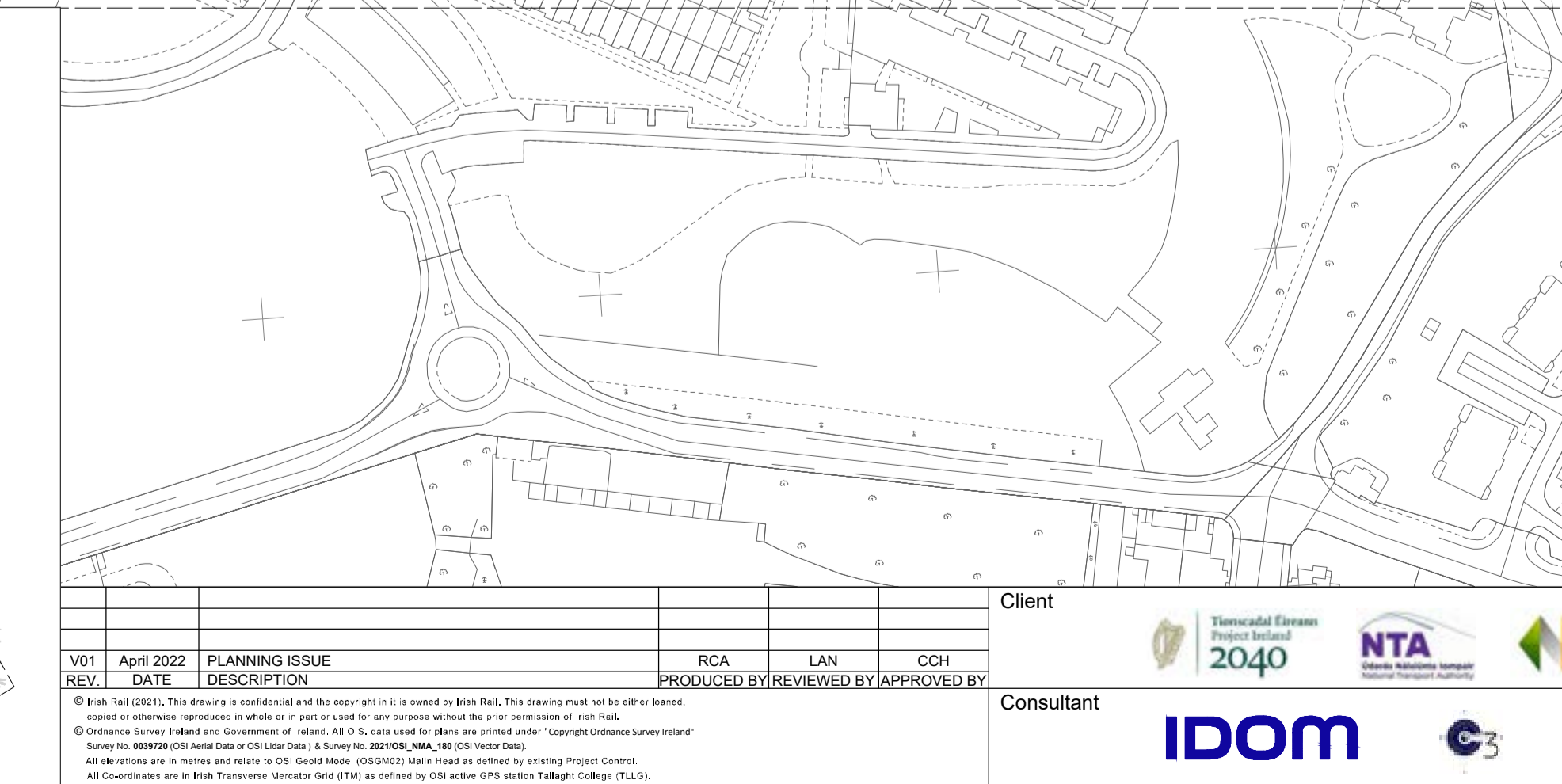
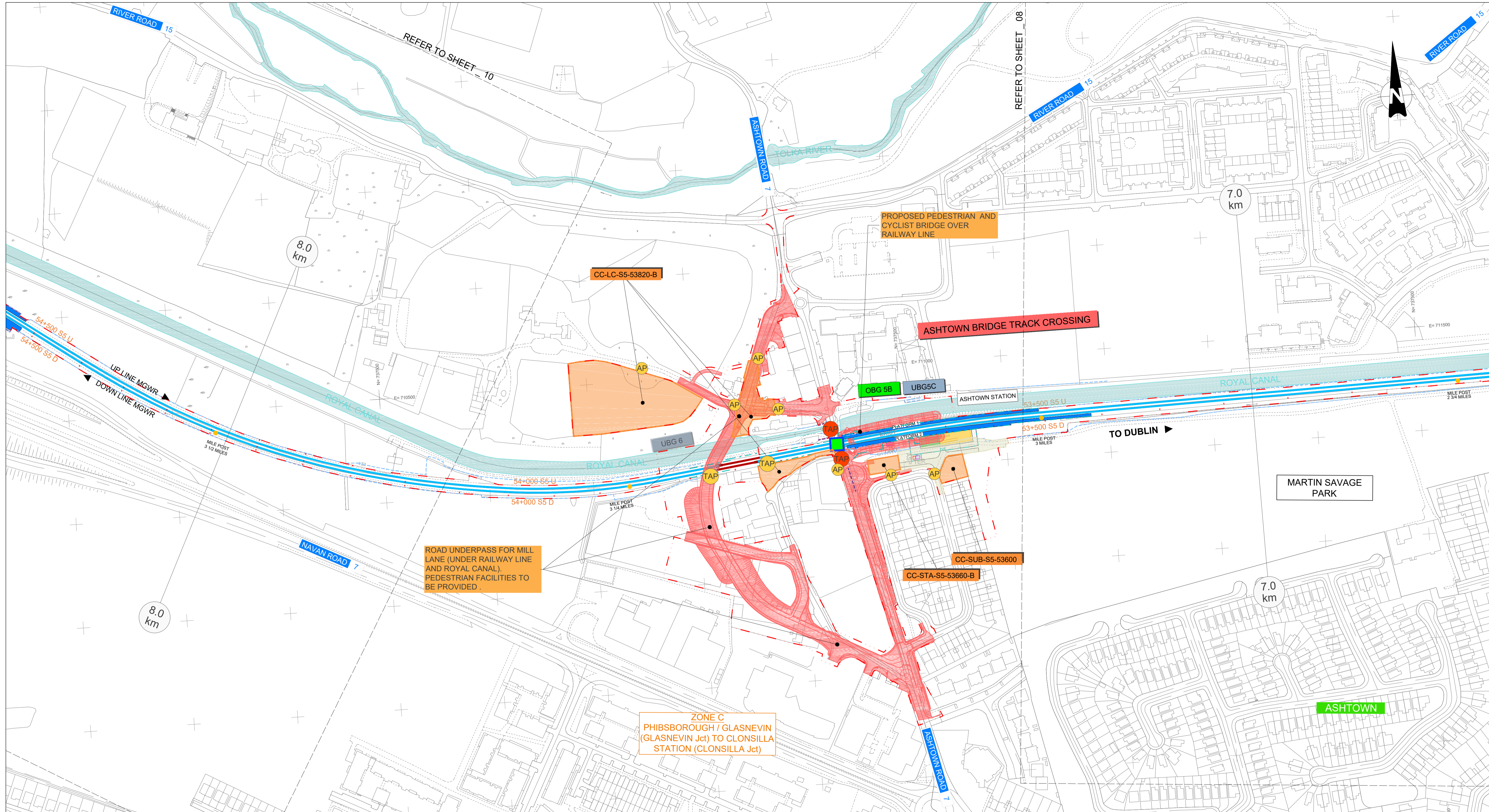
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 08 of 42





| LEGEND |  |
|--------|--|
|        | PROPOSED OVERBRIDGE / UNDERBRIDGE                |
|        | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE           |
|        | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED        |
|        | PERMANENT COMPOUND                               |
|        | CONSTRUCTION COMPOUND                            |
|        | LEVEL CROSSING REPLACEMENT / ROAD INTERV.        |
|        | FLOOD COMPENSATORY STORAGE AREAS                 |
|        | TEMPORARY ACCESS                                 |
|        | RAILWAY STATION EXISTING                         |
|        | RAILWAY STATION NEW                              |
|        | CONCRETE SLAB TRACK                              |
|        | PROPOSED TRACK ACCESS POINT / ACCESS POINT       |
|        | EXISTING TRACK ACCESS POINT / ACCESS 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    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

Client:

Consultant:

Project:

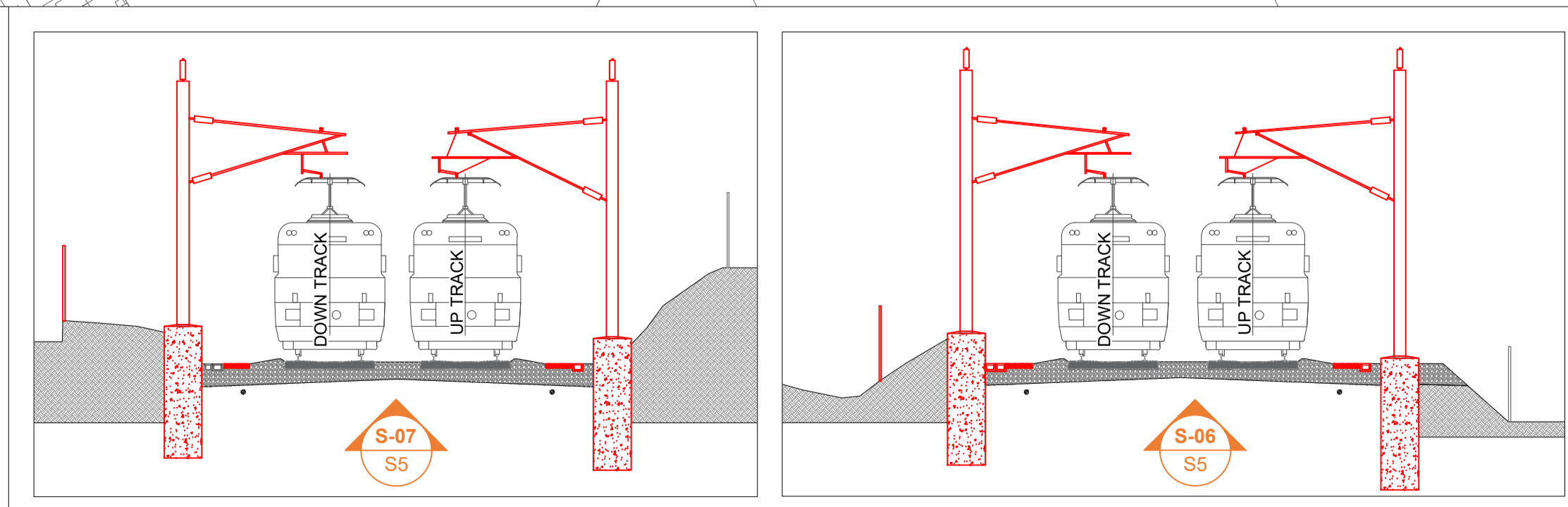
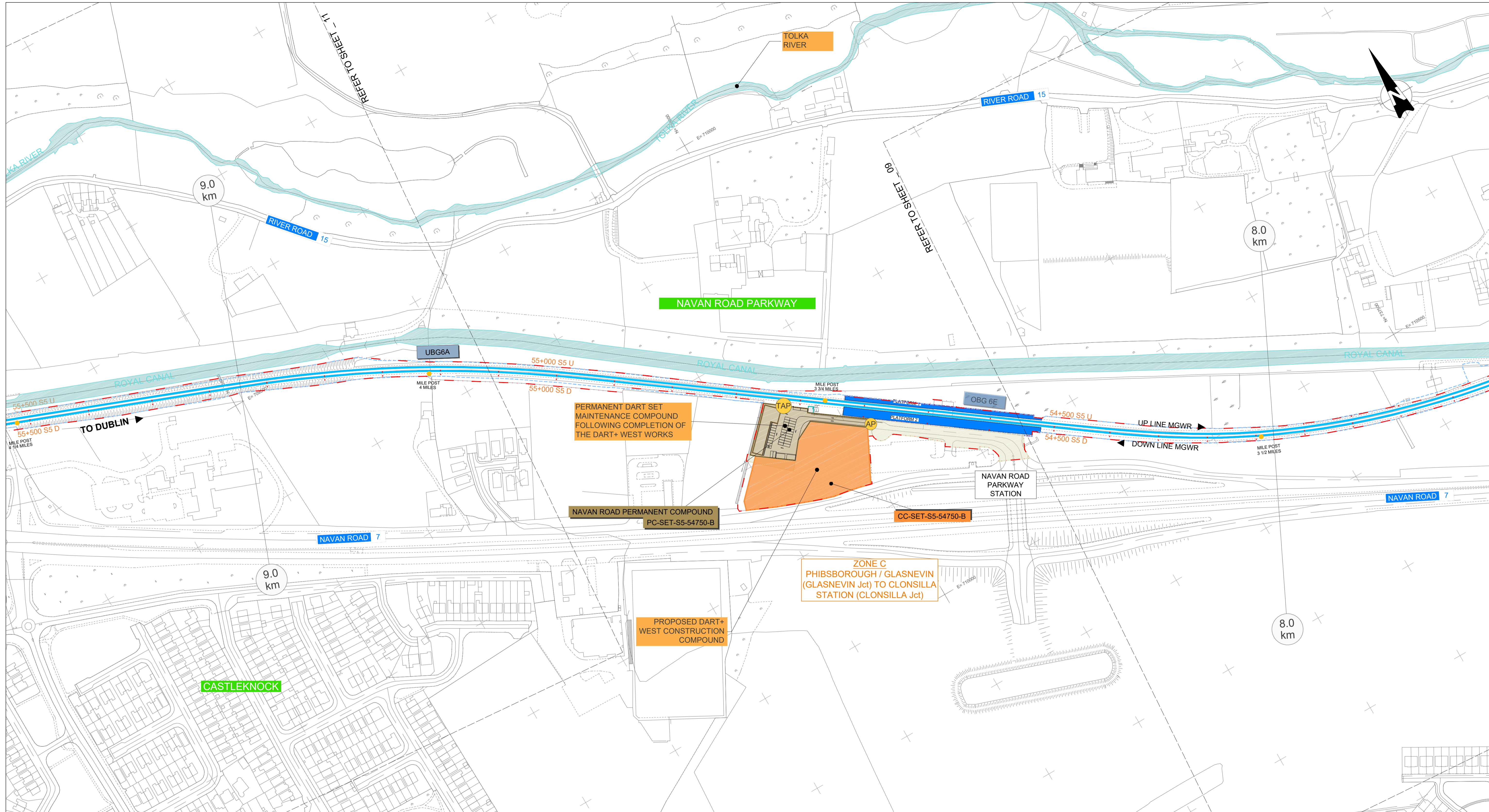
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 Job No: P1101086 Status: F1-Approved & accepted Rev: V01 Sheet: 09 of 42





| 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 / ACCESS POINT       |
|        | EXISTING TRACK ACCESS POINT / ACCESS 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                         |
|        | EXISTING RETAINING WALLS                         |
|        | PROPOSED FENCING                                 |
|        | EXISTING FENCING                                 |

|                  |                  |   |   |
|------------------|------------------|---|---|
| Drawing Title    |                  | GENERAL DESIGN PROJECT SCHEMATIC LAYOUT |   |
| Scale: N/A @ A4  | 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: 10 of 42  |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
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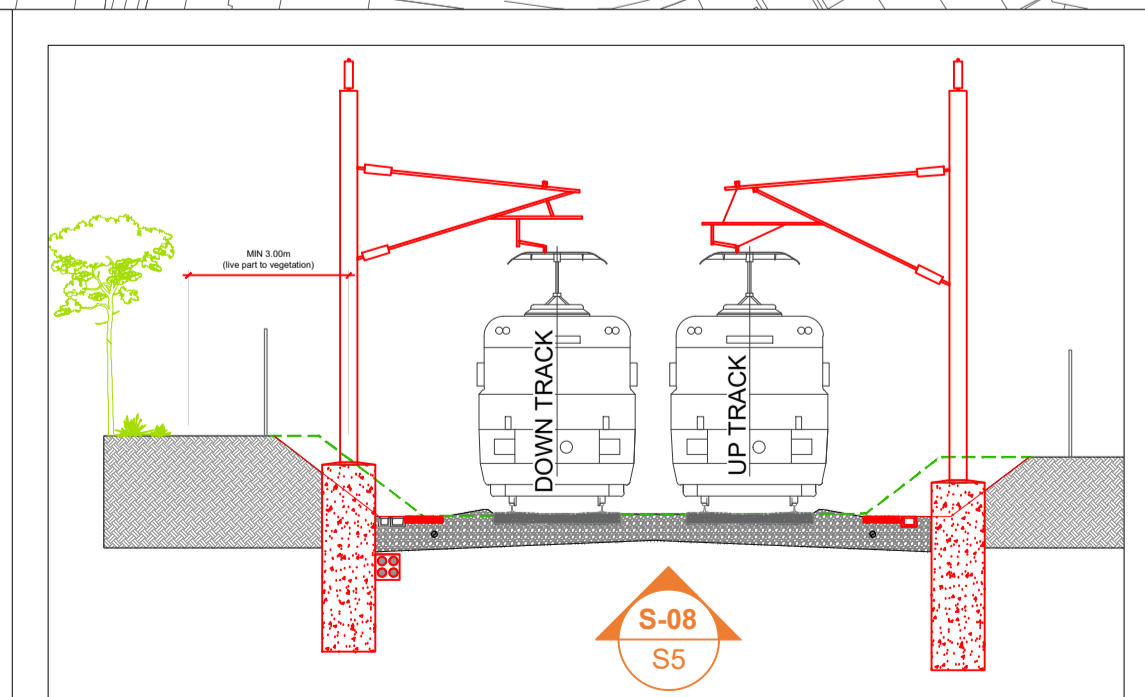
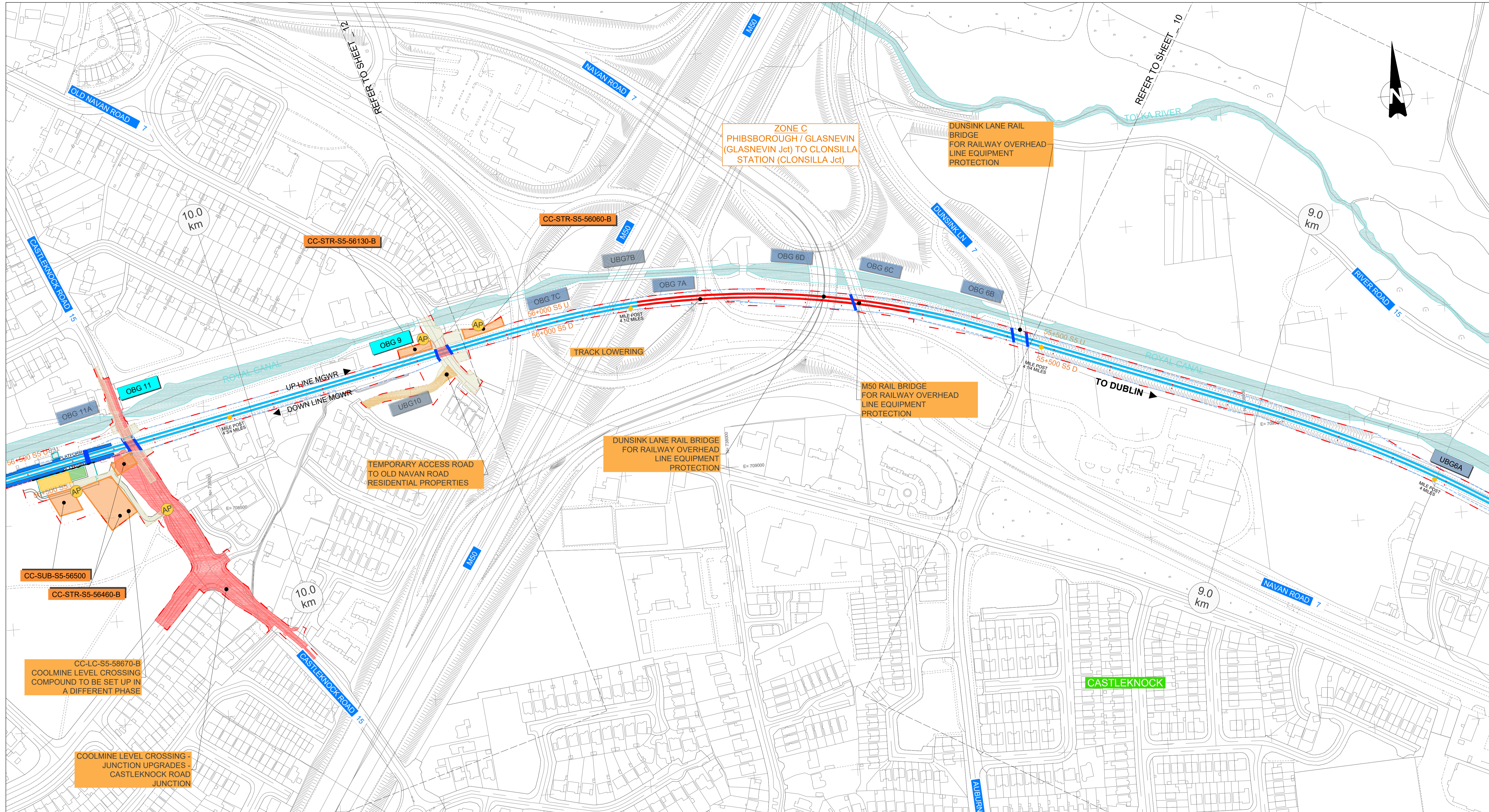
PRODUCED BY/REVIEWED BY/APPROVED BY

Client:

Consultant:

Project:





| 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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|        | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|        | MILE POST                                  |  | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

Client:

Consultant:

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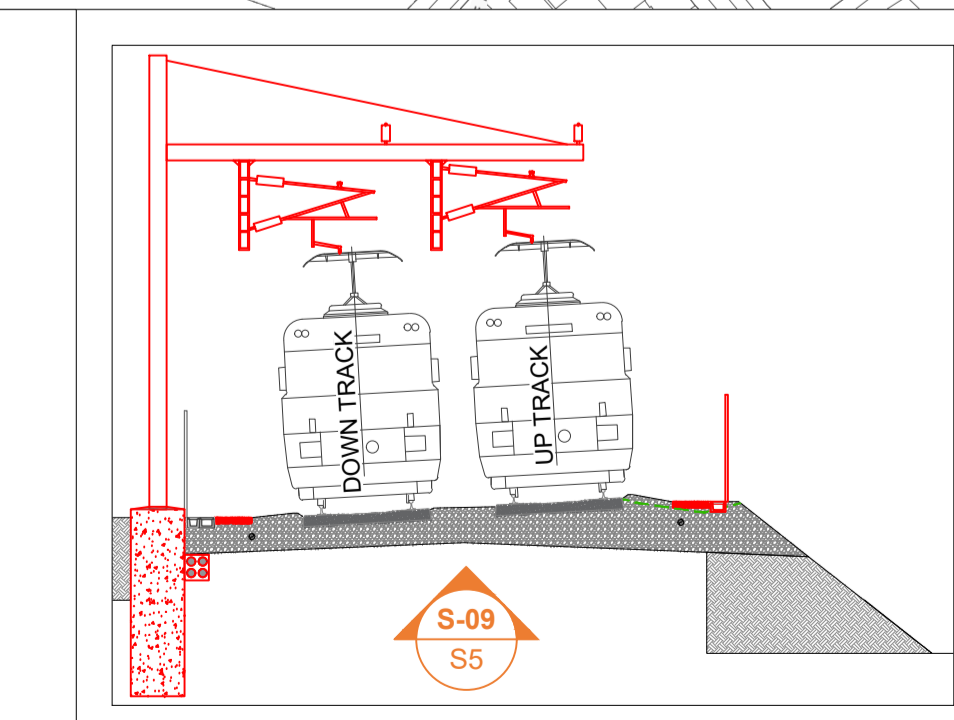
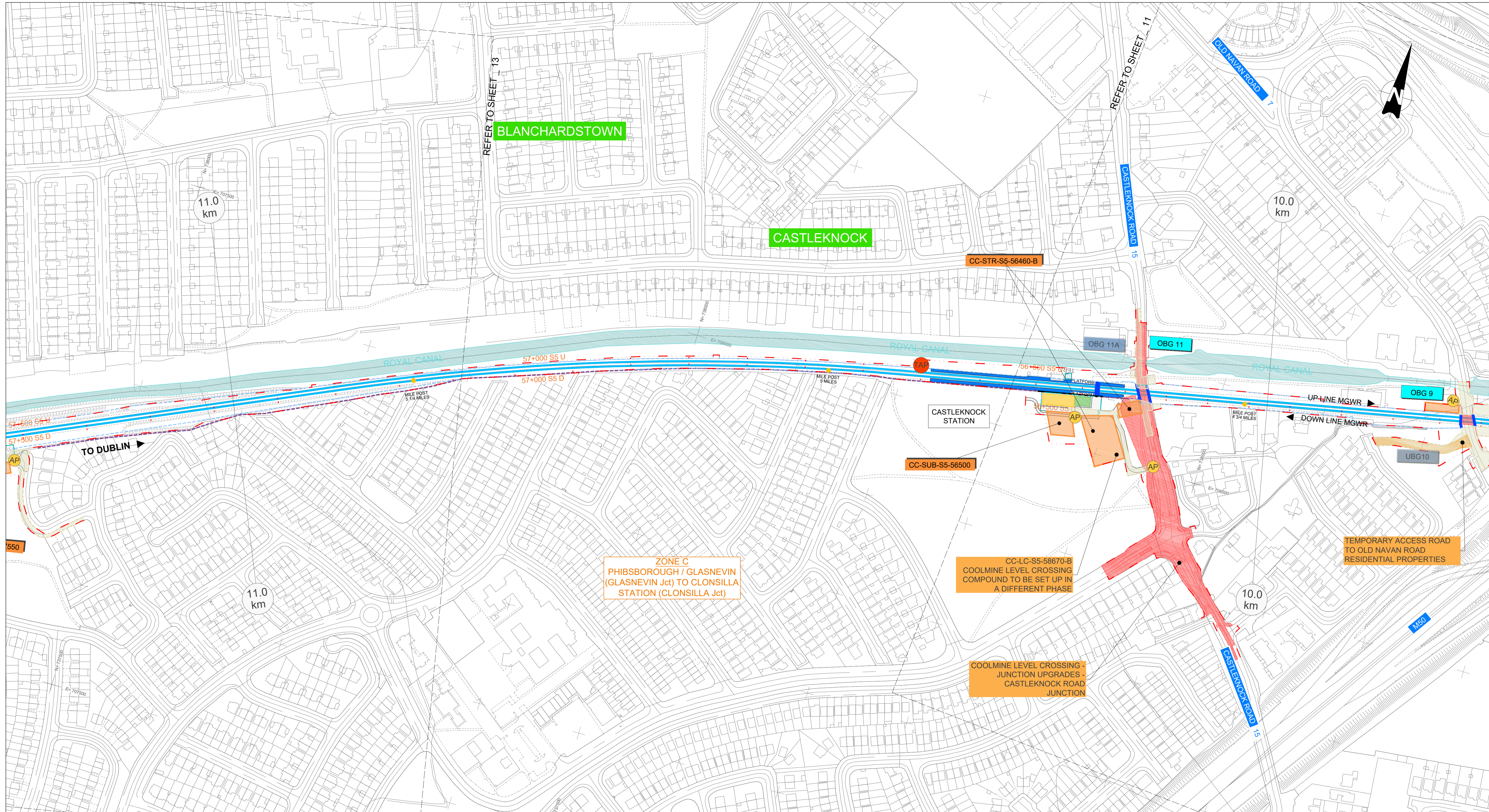
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 Job No: P1101086 Status: F1-Approved & accepted Rev: V01 Sheet: 11 of 42





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|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

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Client:

Consultant:

Project:

**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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

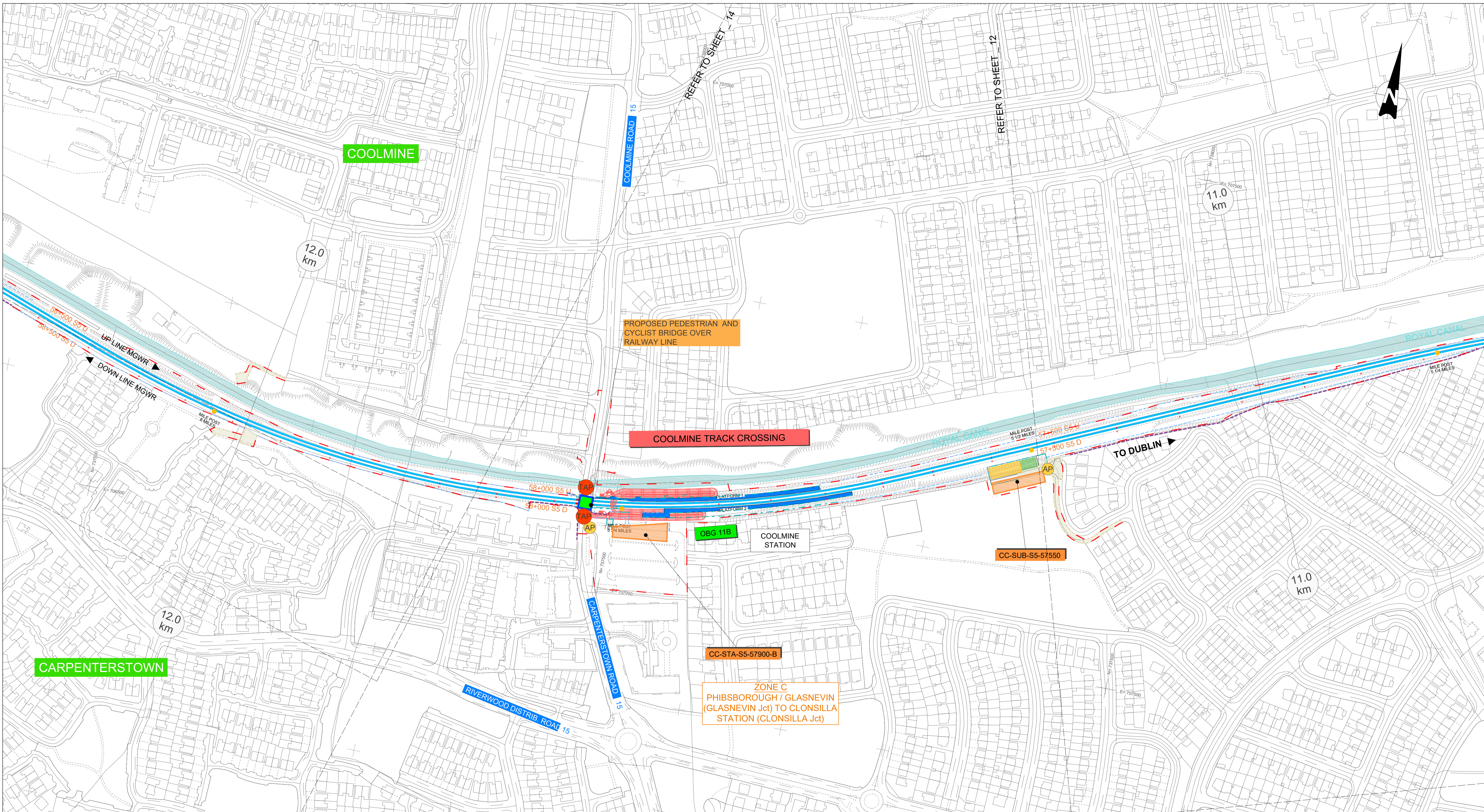
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT LOC DR Z 0003 D

Date: April 2022 Job No: P1101086 Status: F1-Approved & accepted Rev: V01 Sheet: 12 of 42





CARPENTERSTOWN

COOLMINE

PROPOSED PEDESTRIAN AND CYCLIST BRIDGE OVER RAILWAY LINE

COOLMINE TRACK CROSSING

OBG 11B

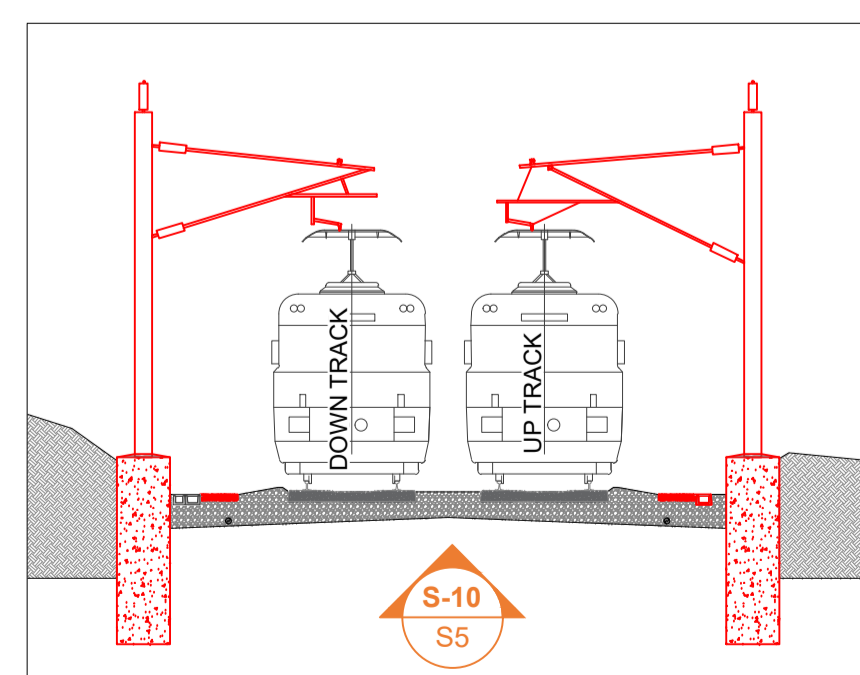
COOLMINE STATION

CC-SUB-S5-57550

CC-STA-S5-57900-B

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

TO 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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

PRODUCED BY/REVIEWED BY/APPROVED BY

Client

Consultant

2040

NTA

Iarnród Éireann Irish Rail

IDOM

JROD

Project

DART+ West

Drawing Title

GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

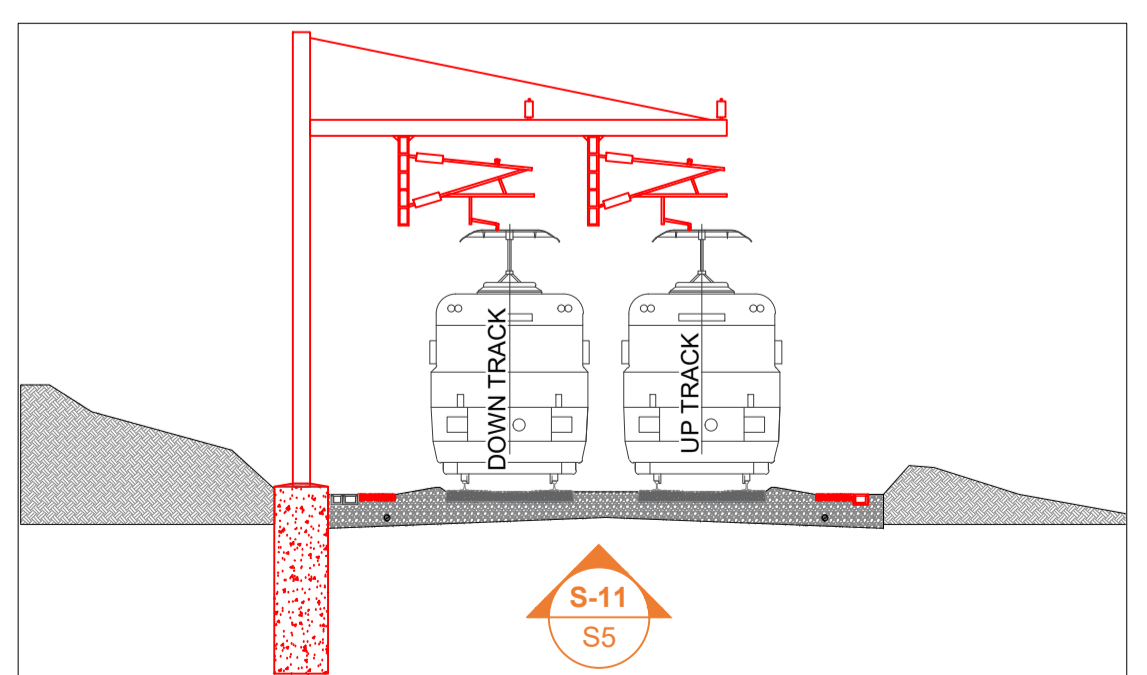
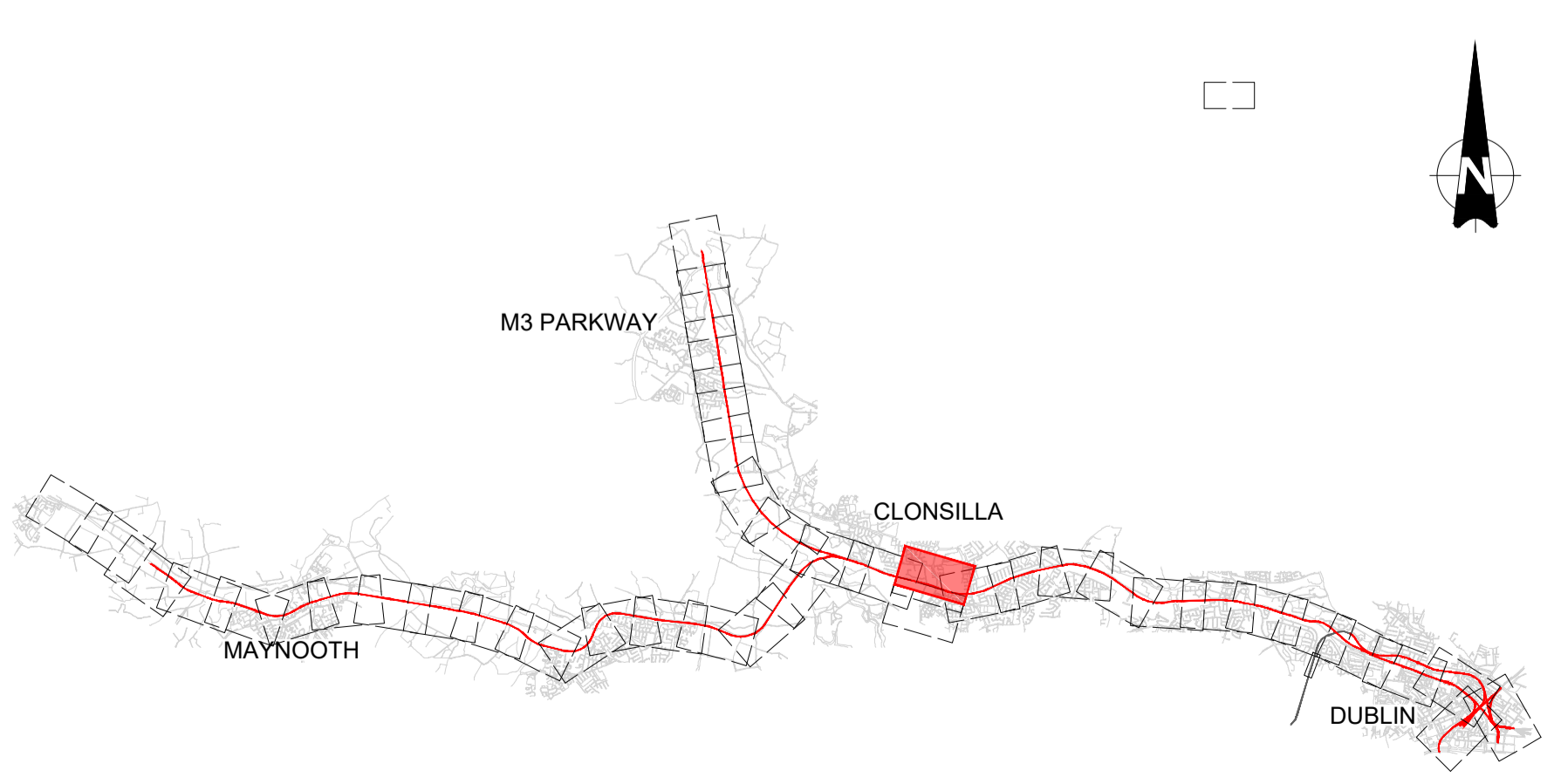
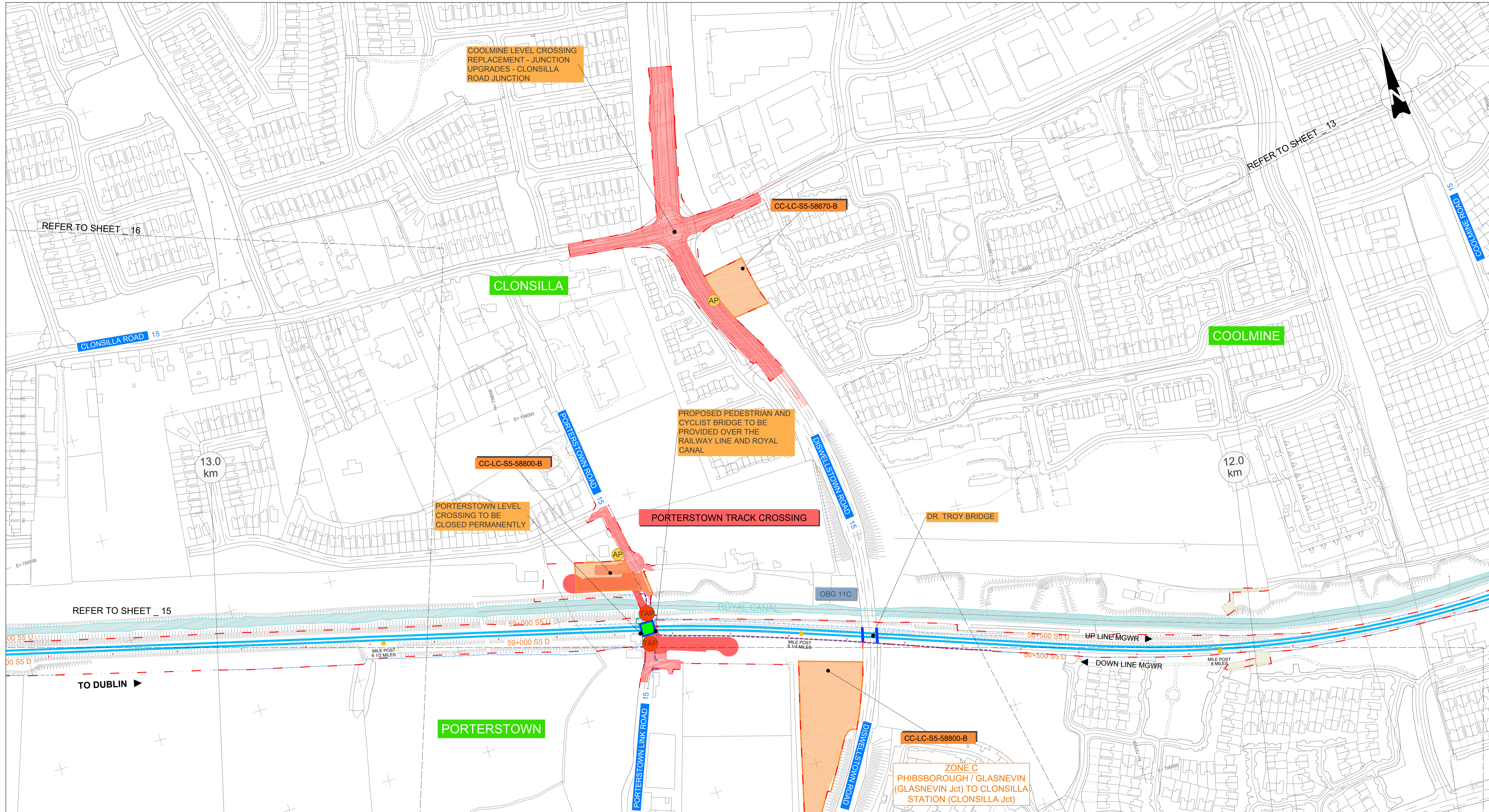
Scale: N/A @ A4

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: 13 of 42





**LEGEND**

|  |  |  |  |
|--|--|--|--|
|  | PROPOSED OVERBRIDGE / UNDERBRIDGE          |  | EXISTING RAILWAY                                 |
|  | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE     |  | NEW TRACK & ELECTRIFICATION                      |
|  | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED  |  | PROPOSED RAILWAY ELECTRIFICATION                 |
|  | PERMANENT COMPOUND                         |  | PROPOSED TRACK ALIG. MODIF. & ELECTRIFICATION    |
|  | CONSTRUCTION COMPOUND                      |  | PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED      |
|  | 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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

PRODUCED BY/REVIEWED BY/APPROVED BY

Client:

Consultant:

Project:

Client:

Consultant:

Project:

Project:

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022

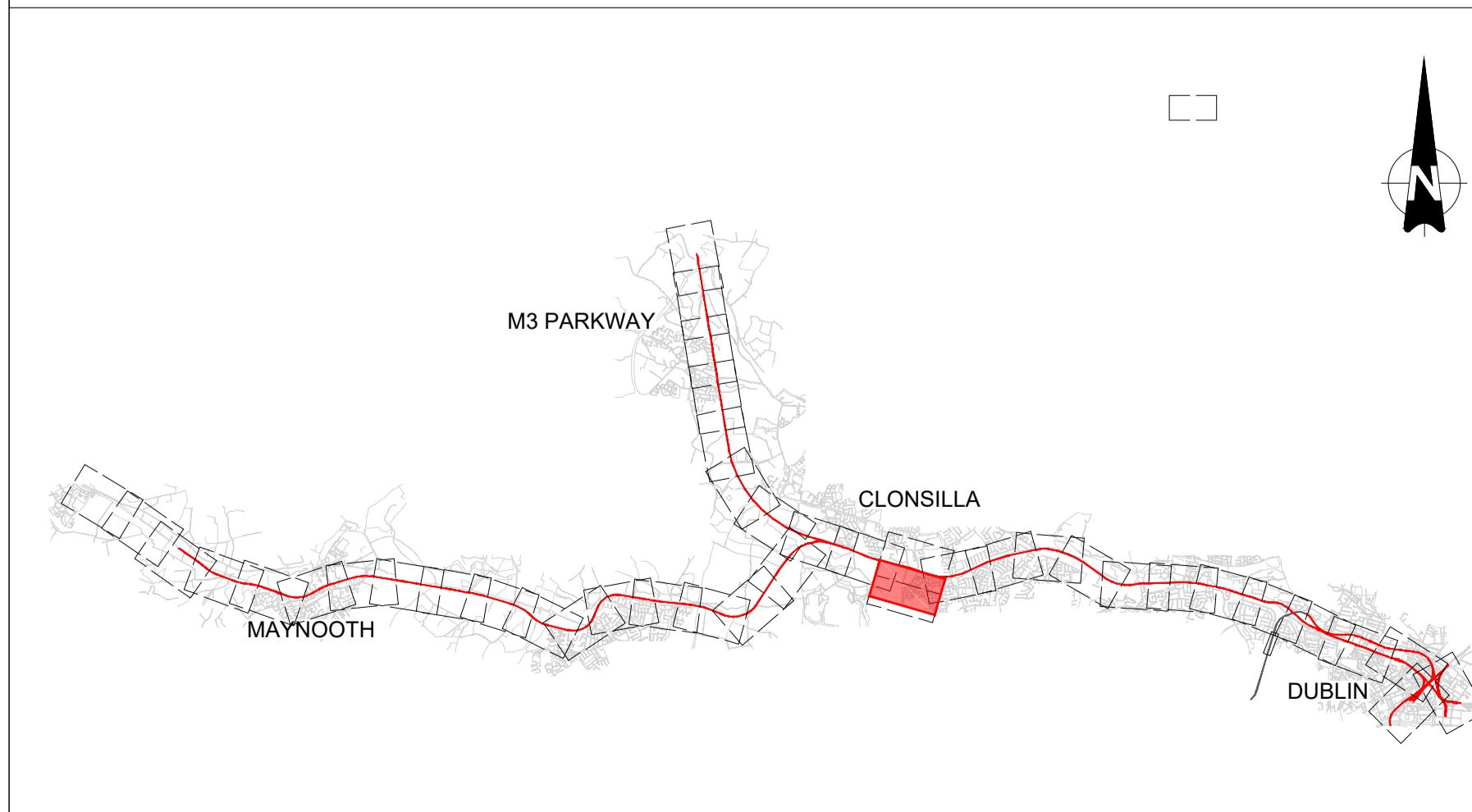
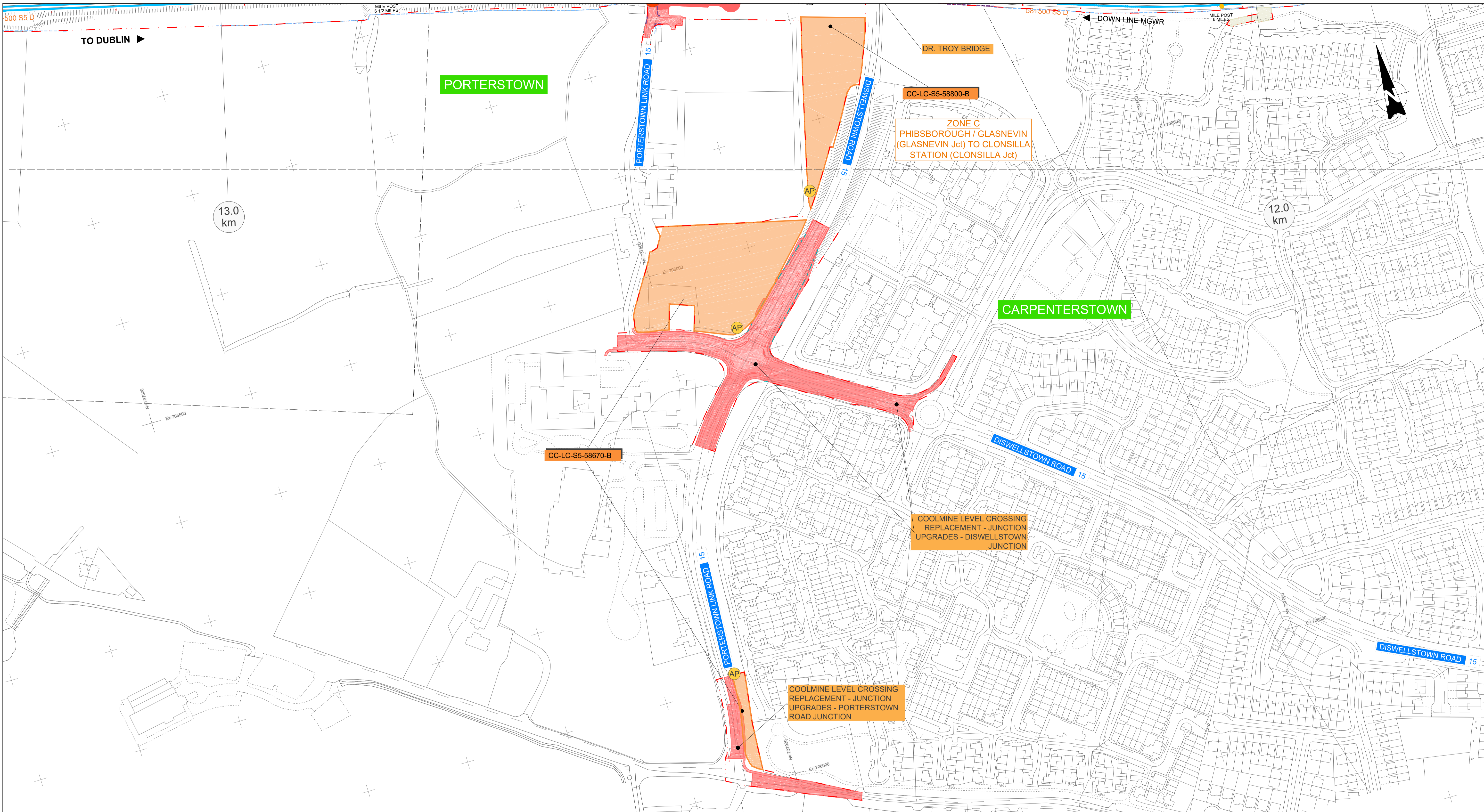
Job No: P1101086

Status: F1-Approved & accepted

Rev: V01

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

Client:

Consultant:

Project:

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

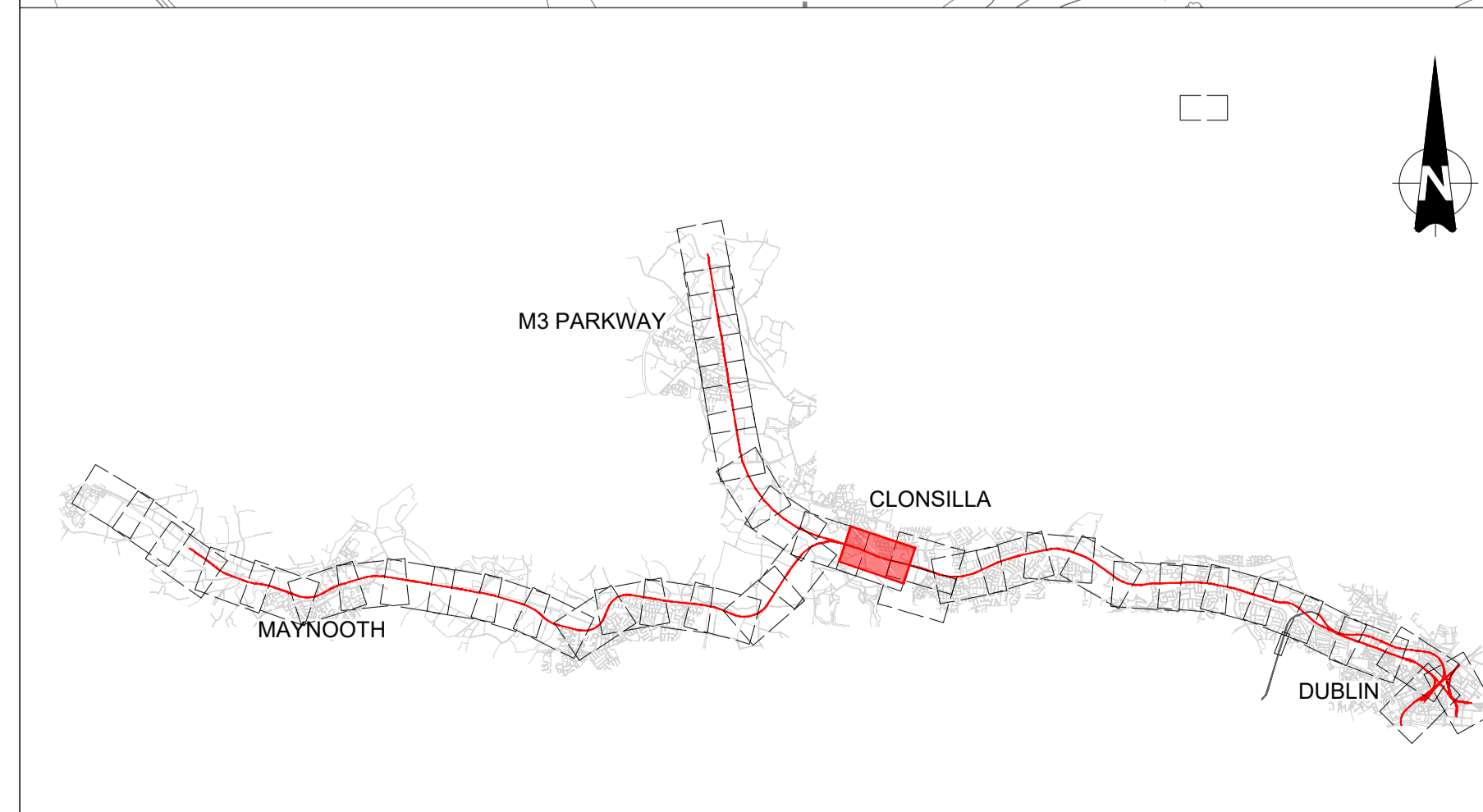
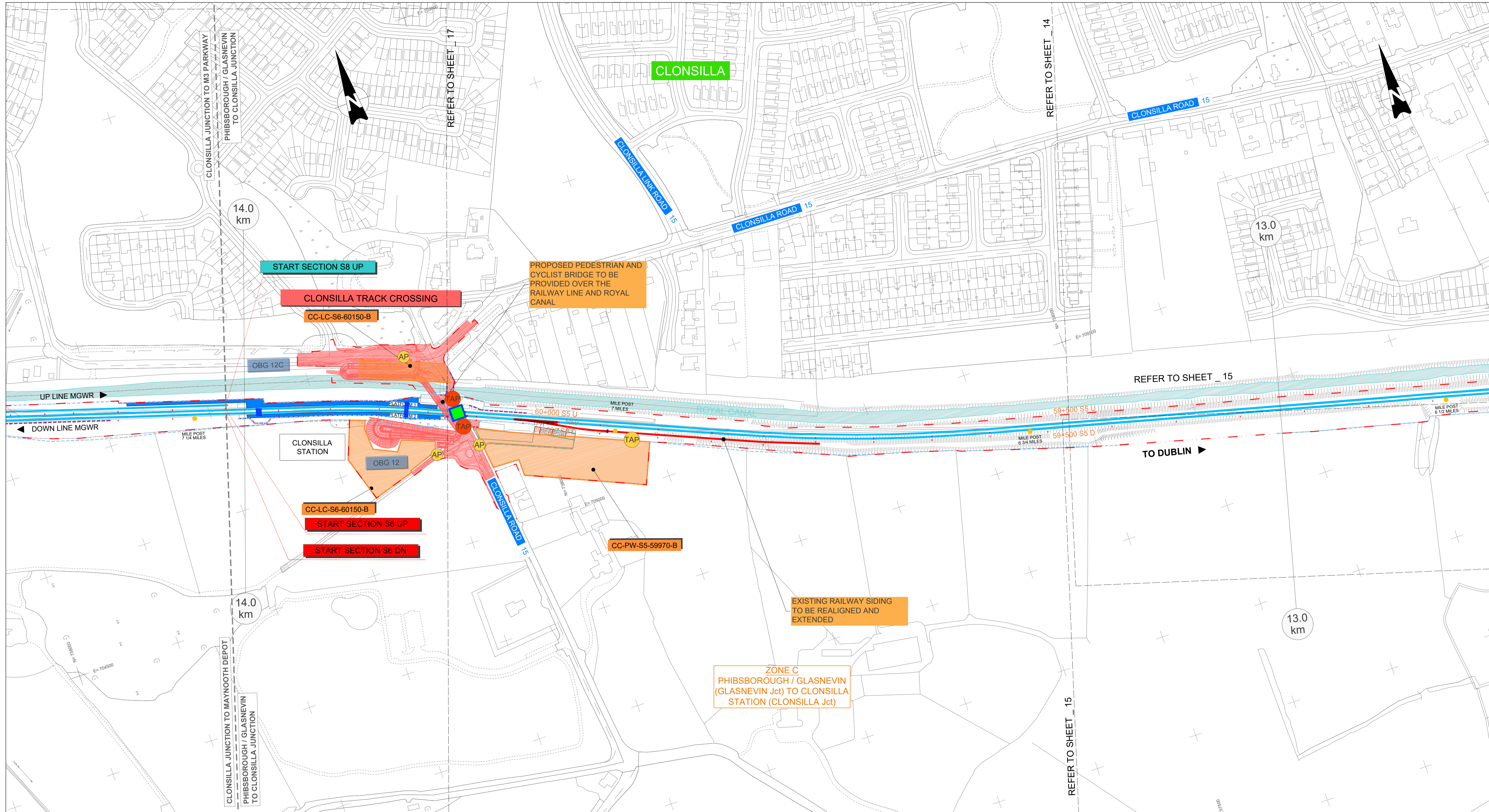
Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 15 of 42

**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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |





| REV. | DATE       | PLANNING ISSUE | RCA | LAN | CCH |
|------|------------|----------------|-----|-----|-----|
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

PRODUCED BY/REVIEWED BY/ APPROVED BY

Client: **Transport Infrastructure Authority**

Consultant: **IDOM**, **NTA**, **lanróid Éireann Irish Rail**, **JROD**

Project: **DART+ West**

Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

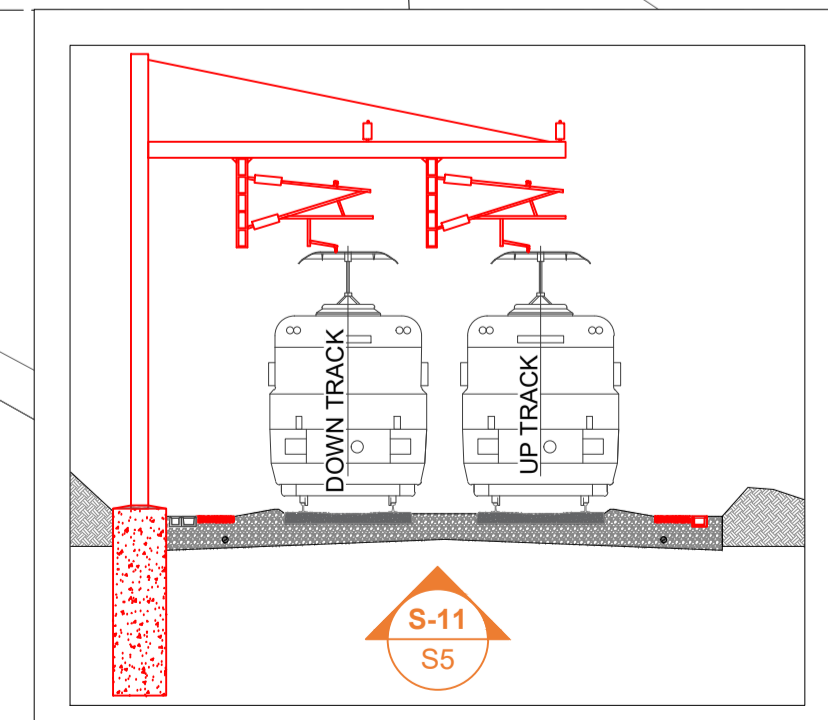
Date: April 2022

Job No: P1101086

Status: F1-Approved & accepted

Rev: V01

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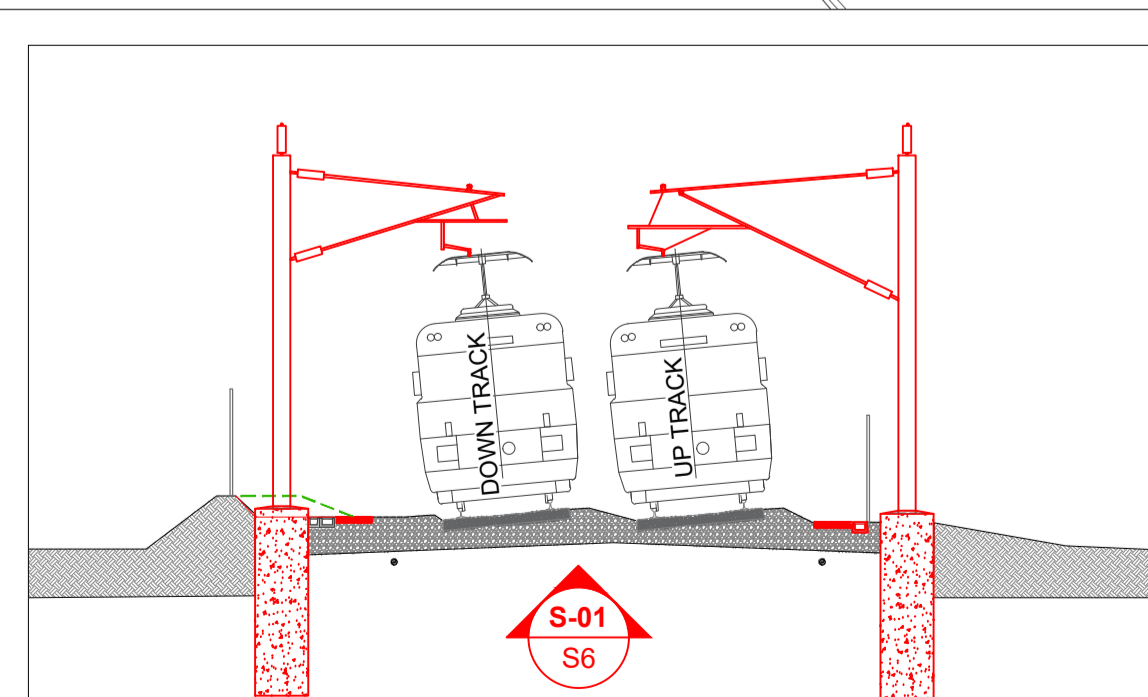
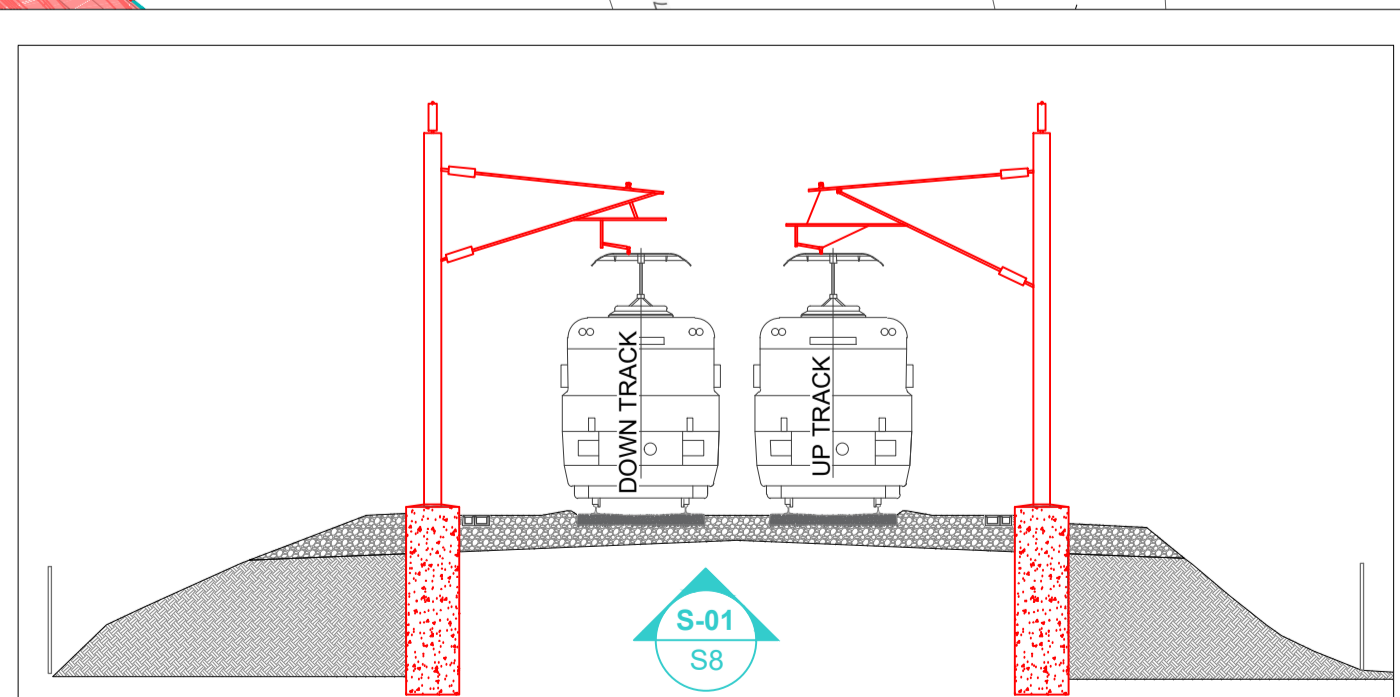
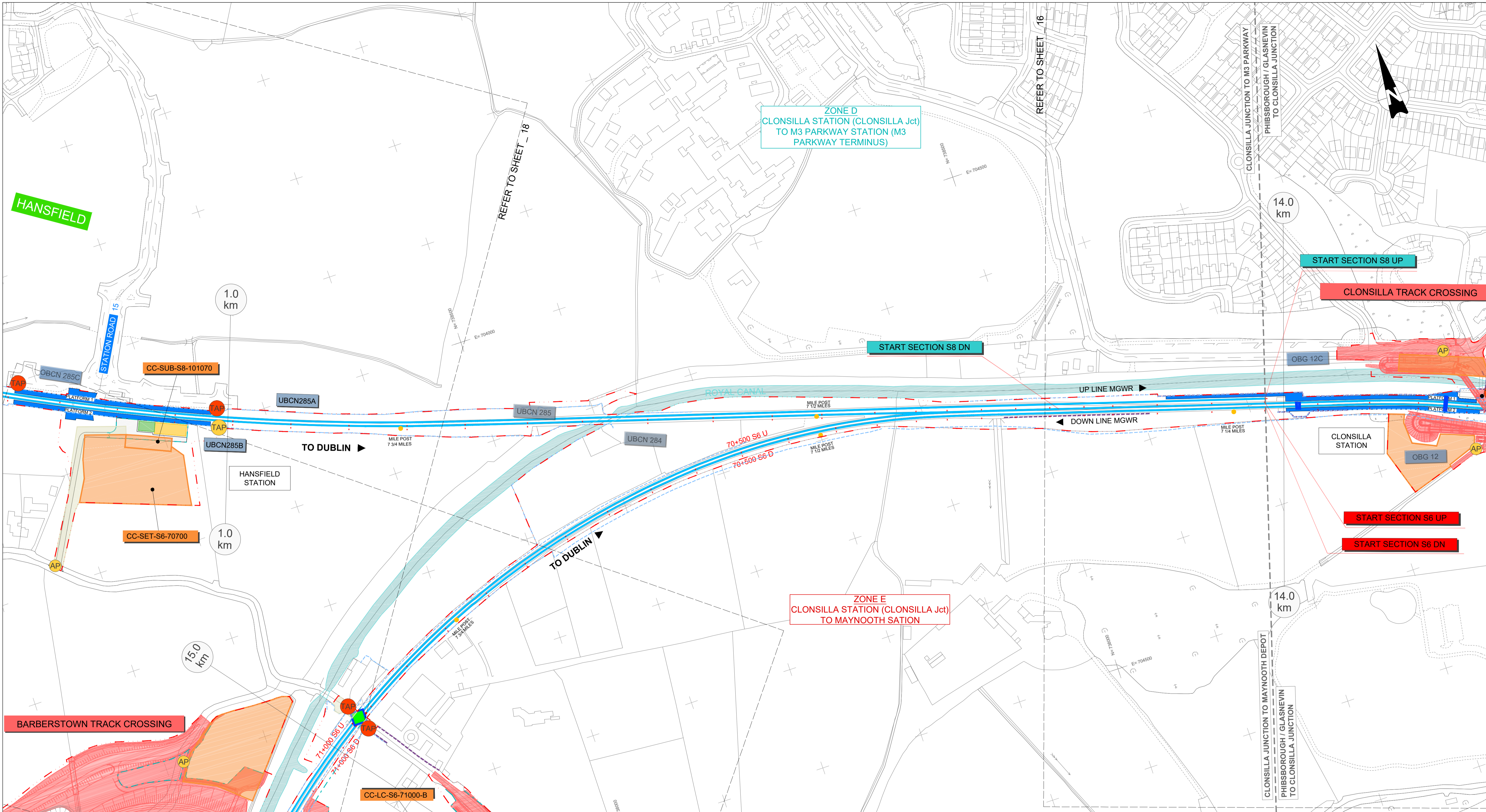


**LEGEND**

|  |   |  |  |
|--|---|--|--|
|  | PROPOSED OVERBRIDGE / UNDERBRIDGE         |  | EXISTING RAILWAY                                 |
|  | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE    |  | NEW TRACK & ELECTRIFICATION                      |
|  | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED |  | PROPOSED RAILWAY ELECTRIFICATION                 |
|  | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED |  | 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**





**LEGEND**

|  |  |  |  |
|--|--|--|--|
|  | PROPOSED OVERBRIDGE / UNDERBRIDGE          |  | EXISTING RAILWAY                                 |
|  | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE     |  | NEW TRACK & ELECTRIFICATION                      |
|  | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED  |  | PROPOSED RAILWAY ELECTRIFICATION                 |
|  | PERMANENT COMPOUND                         |  | PROPOSED TRACK ALIG. MODIF. & ELECTRIFICATION    |
|  | CONSTRUCTION COMPOUND                      |  | PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED      |
|  | 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 EXISTING                   |  | PROPOSED LEVEL CROSSING CLOSURE                  |
|  | RAILWAY STATION NEW                        |  | WALL HEIGHTENING                                 |
|  | CONCRETE SLAB TRACK                        |  | PARAPET HEIGHTENING                              |
|  | PROPOSED TRACK ACCESS POINT / ACCESS POINT |  | PROPOSED RETAINING WALLS                         |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | MILE POST                                  |  | EXISTING RETAINING WALLS                         |
|  |  |  | EXISTING FENCING                                 |

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| V01  | April 2022 | PLANNING ISSUE |     |     |     |

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Client: **Transportation Infrastructure Authority (TIA)**

Consultant: **IDOM**, **NTA**, **lanróid Éireann Irish Rail**, **JROD**

Project: **DART+ West**

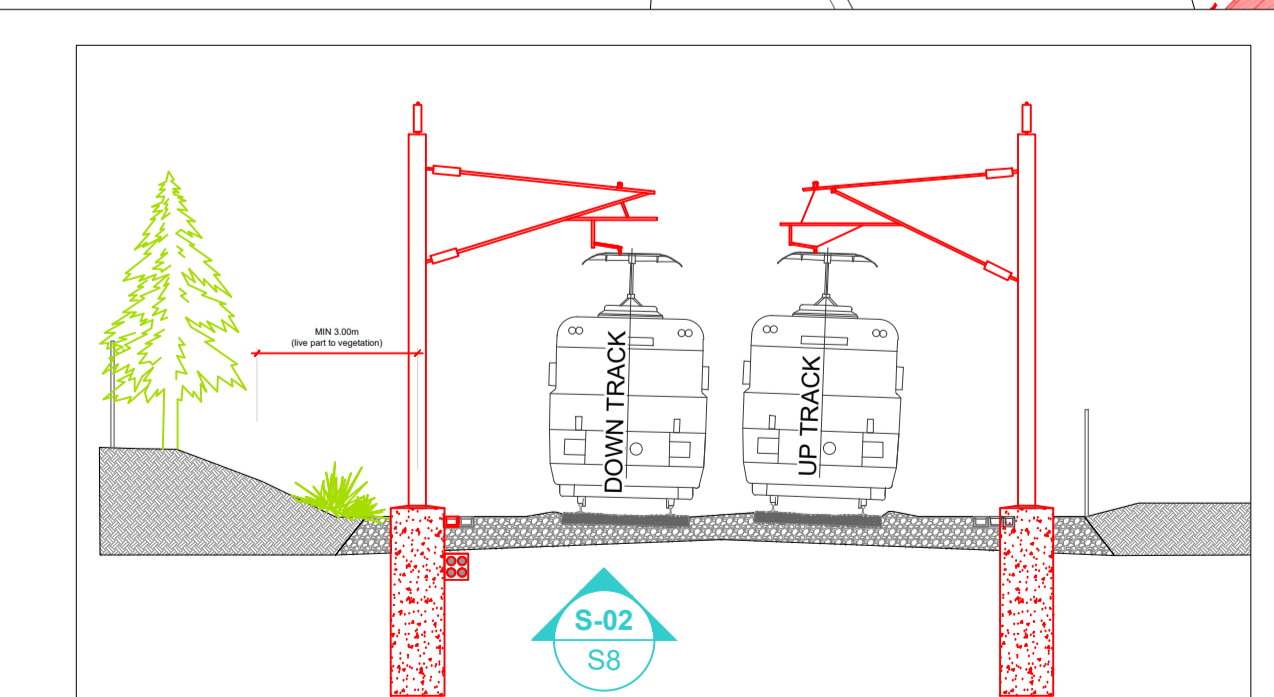
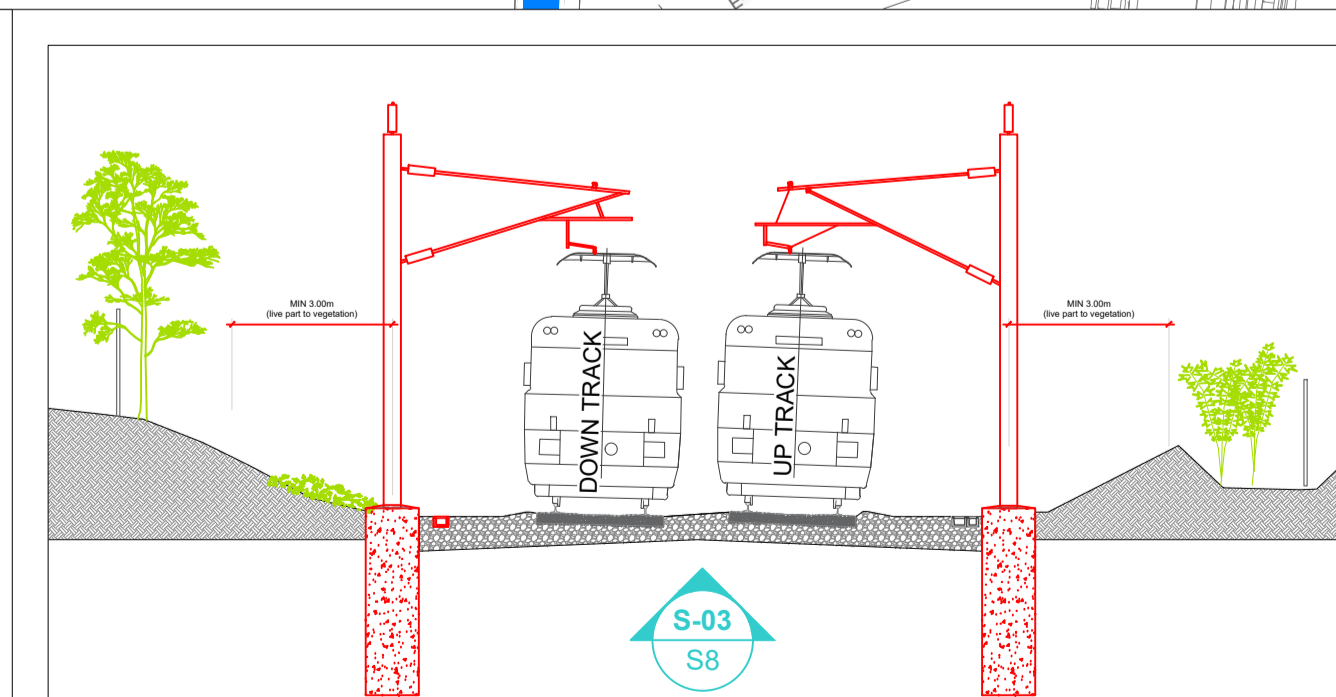
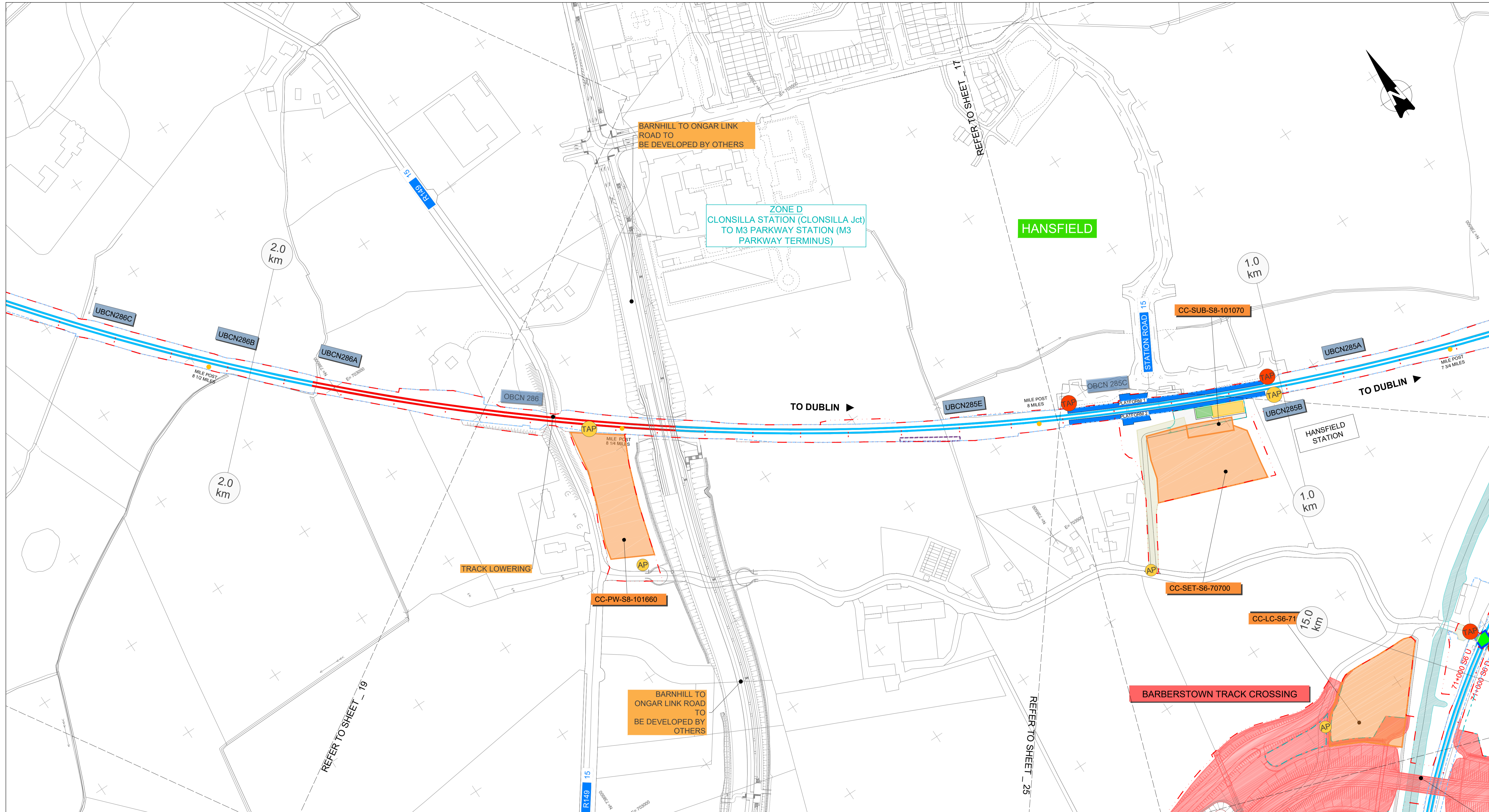
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 17 of 42





**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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

**Drawing Title**  
GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

**Scale:** N/A @ A4

**Client:** Transoceanic Eireann Project Ireland 2040, NTA, Iarnród Éireann Irish Rail

**Project:** DART+ West

|         |                  |                             |                  |                  |                  |
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**Client:** Transoceanic Eireann Project Ireland 2040, NTA, Iarnród Éireann Irish Rail

**Consultant:** IDOM, JROD

**Project:** DART+ West

**Scale:** N/A @ A4

**Drawing Number:** MAY MDC GEN ROUT DR Z 0003 D

**Date:** April 2022

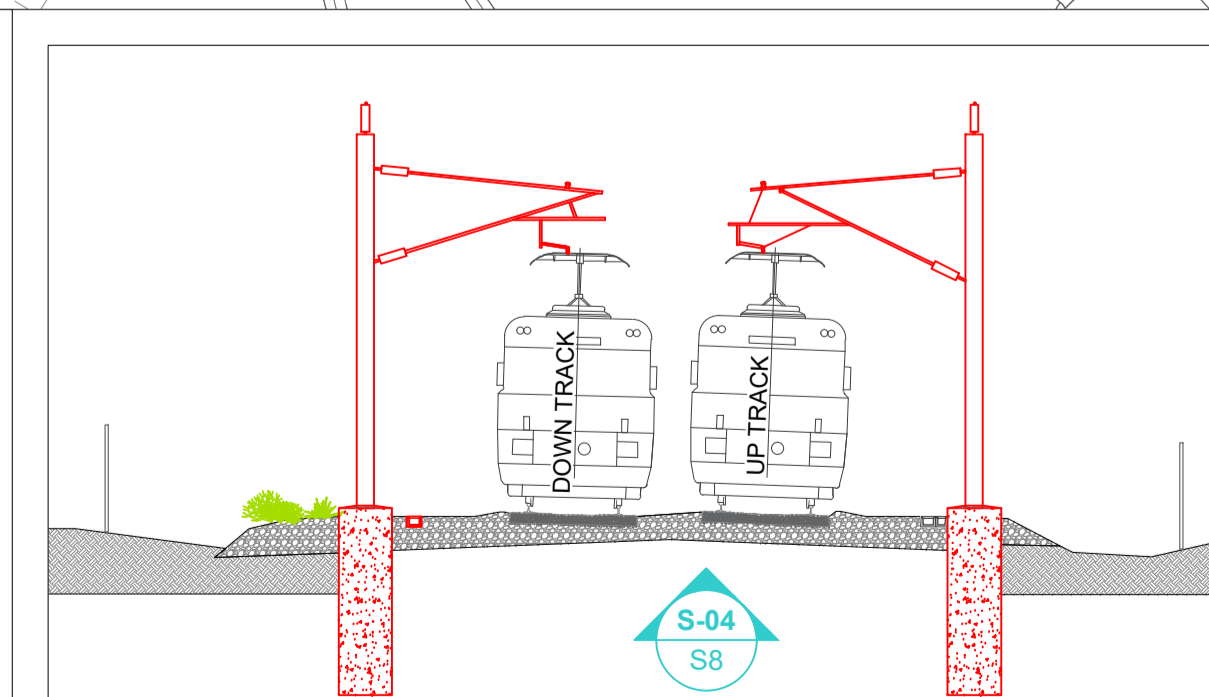
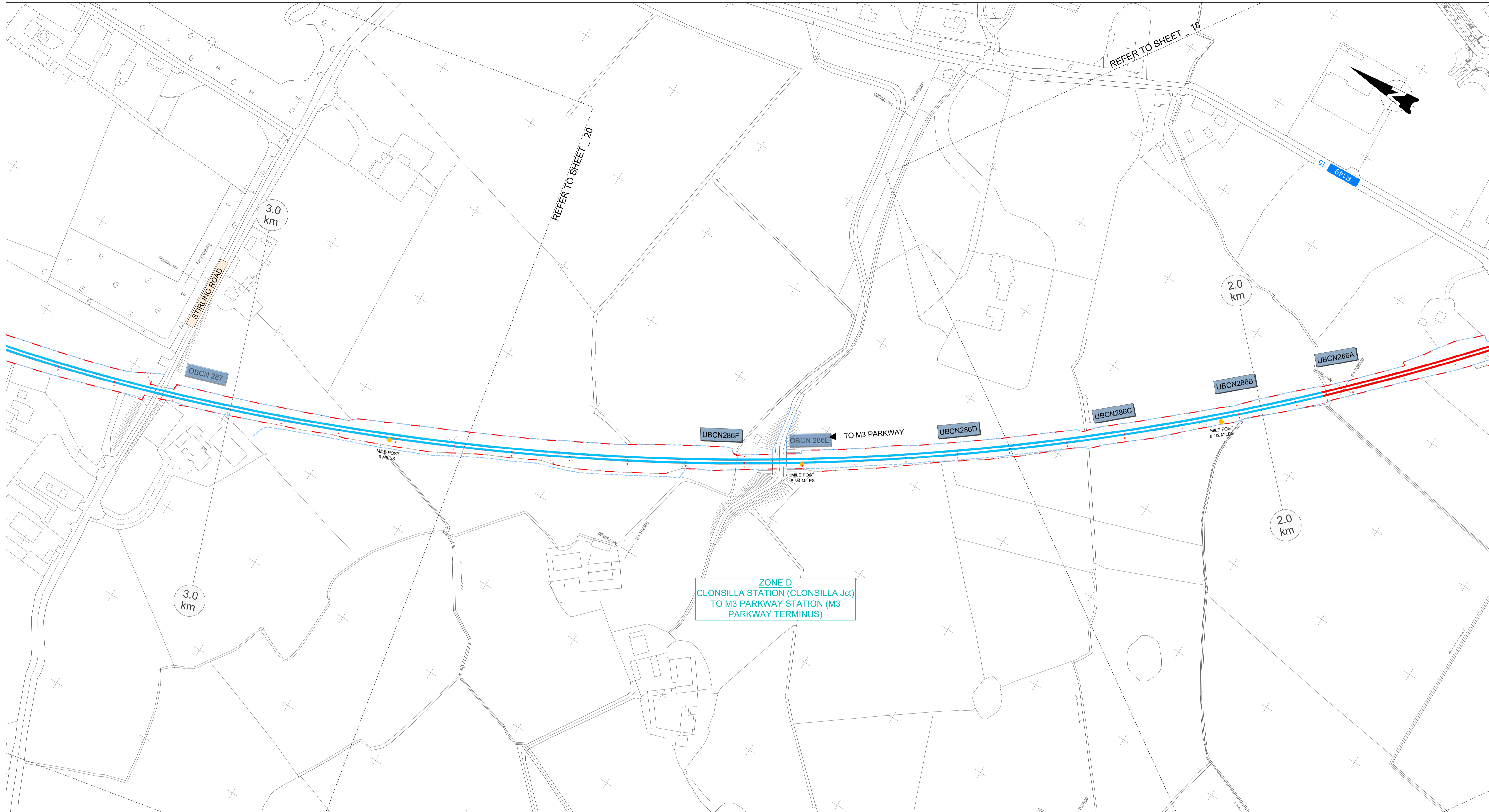
**Job No.:** P1101086

**Status:** F1-Approved & accepted

**Rev.:** V01

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Client: **Transportation Ireland 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **JROD**

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                                 |

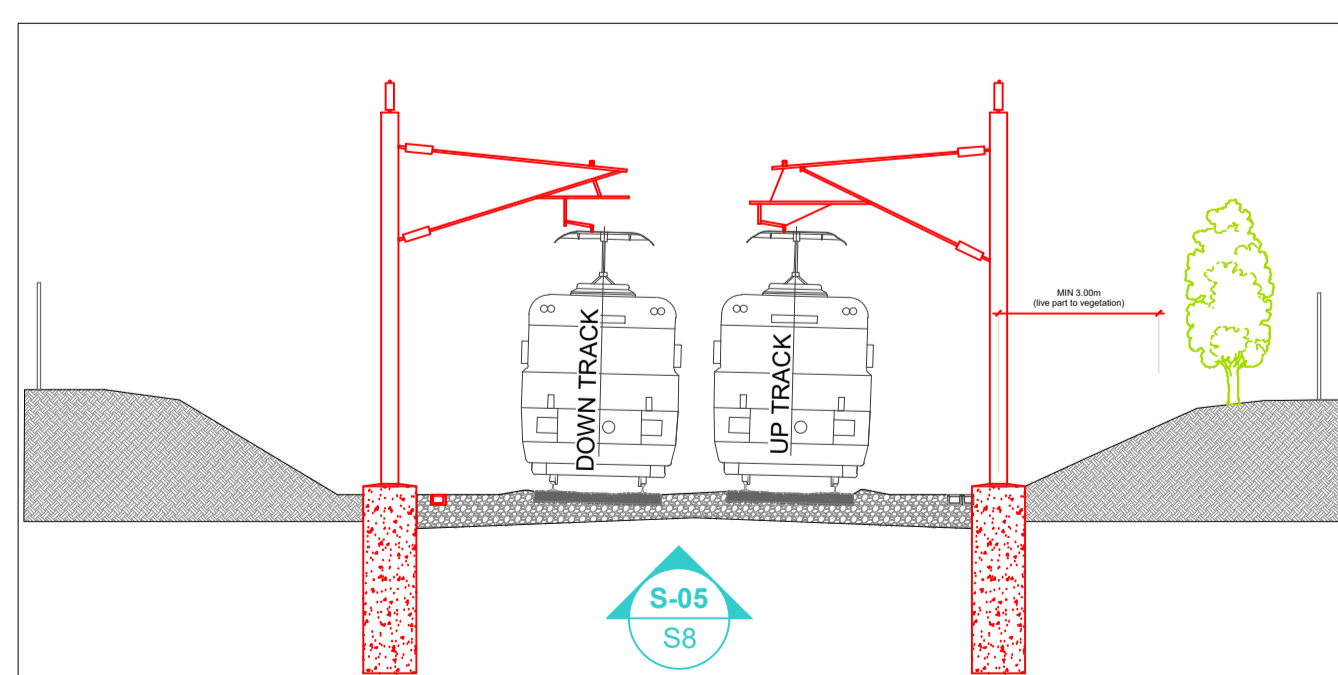
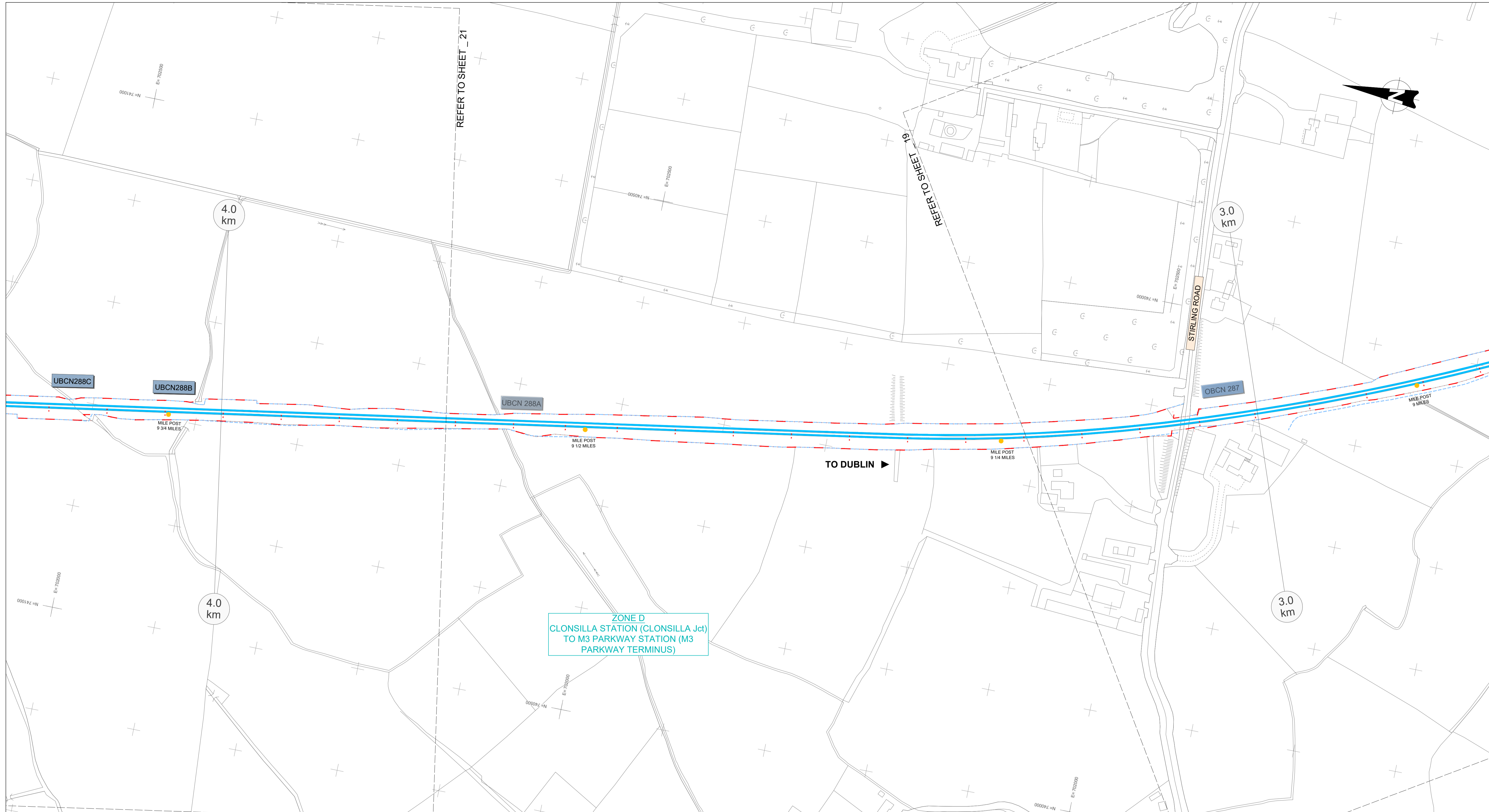
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 | Job No: P1/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 19 of 42





**LEGEND**

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

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Client

Consultant

Project

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

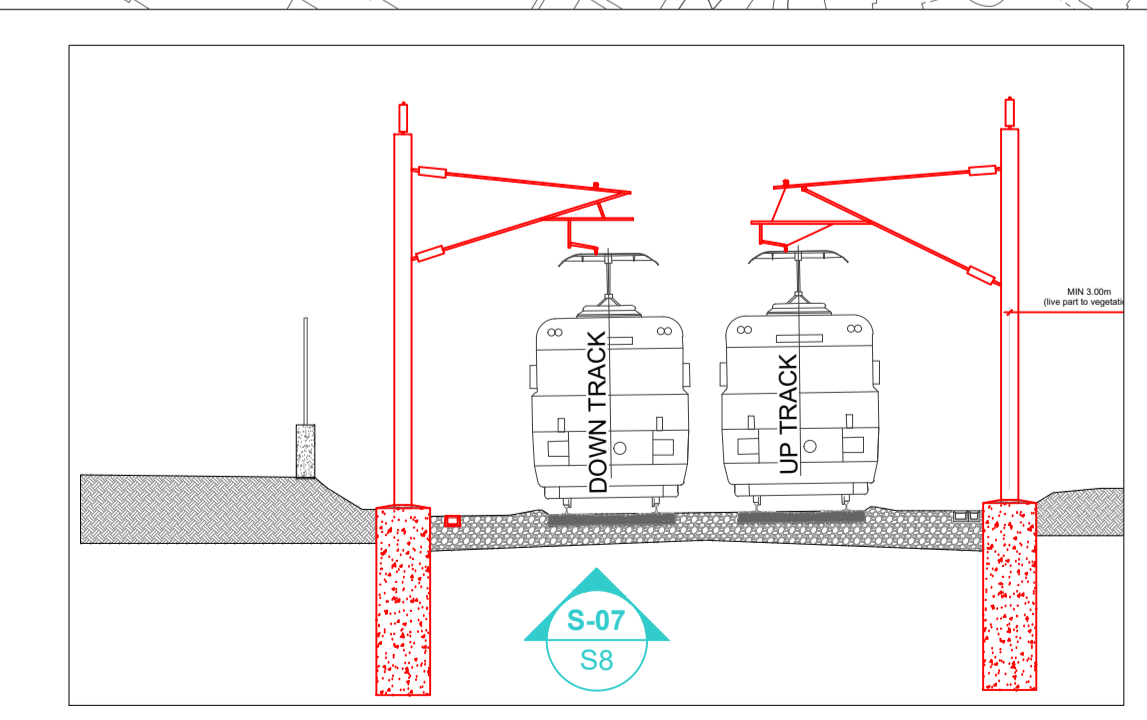
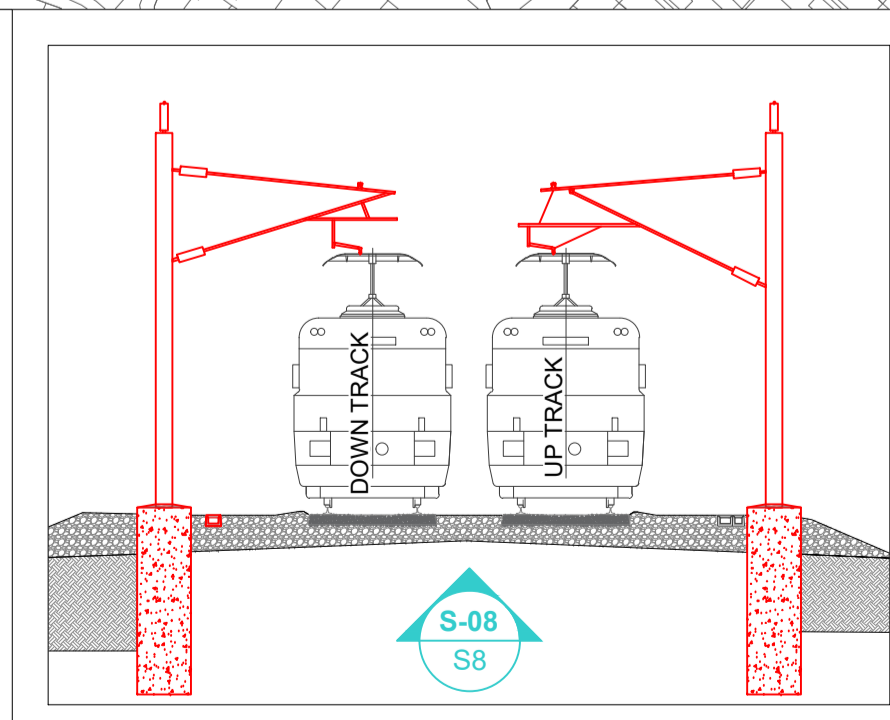
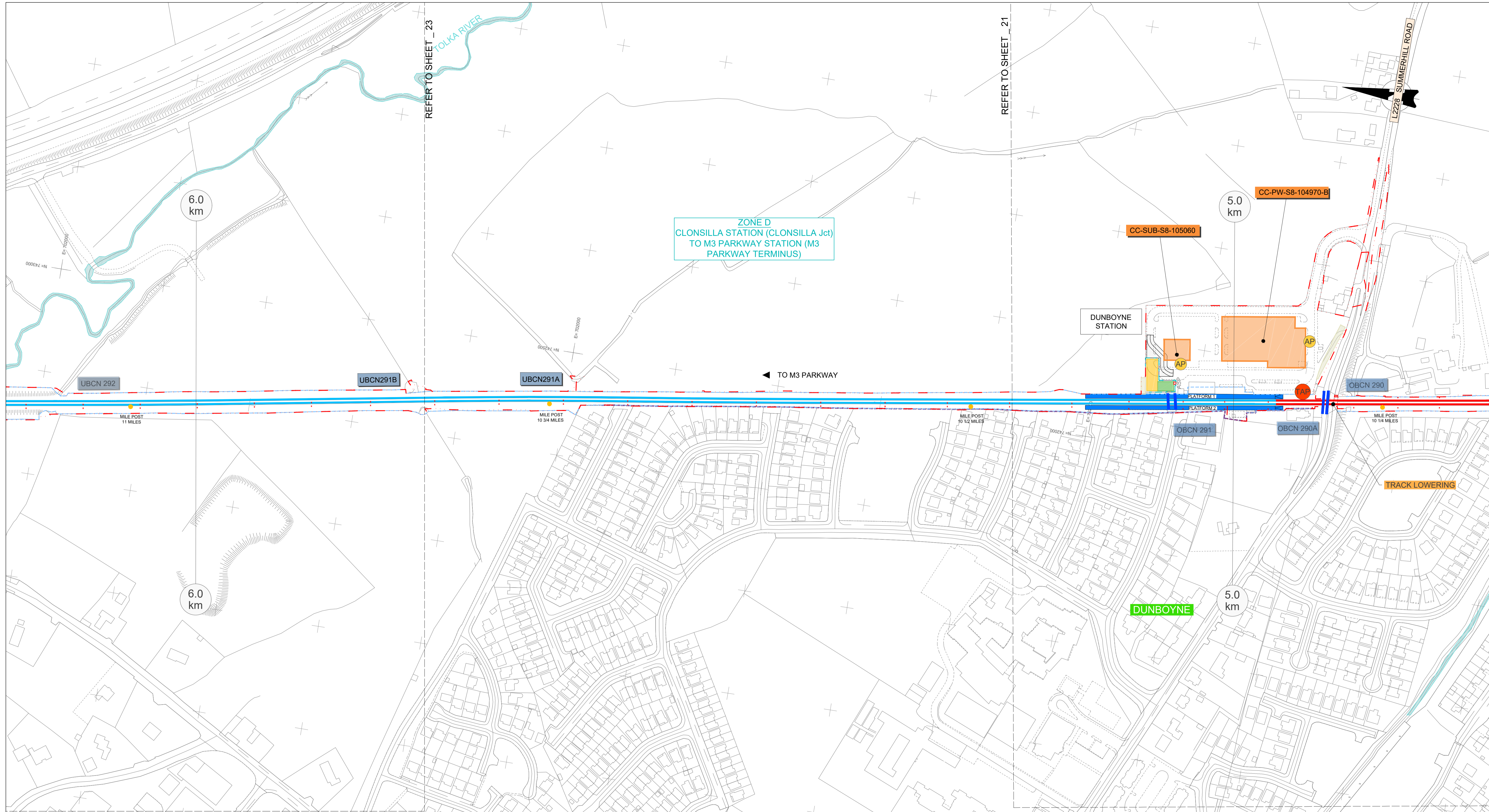
Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 20 of 42









| 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 / ACCESS POINT       |
|        | EXISTING TRACK ACCESS POINT / ACCESS 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                         |
|        | EXISTING RETAINING WALLS                         |
|        | PROPOSED FENCING                                 |
|        | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
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|      |            | REVIEWED BY    |     |     |     |
|      |            | APPROVED BY    |     |     |     |

Client

Consultant

Project

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022

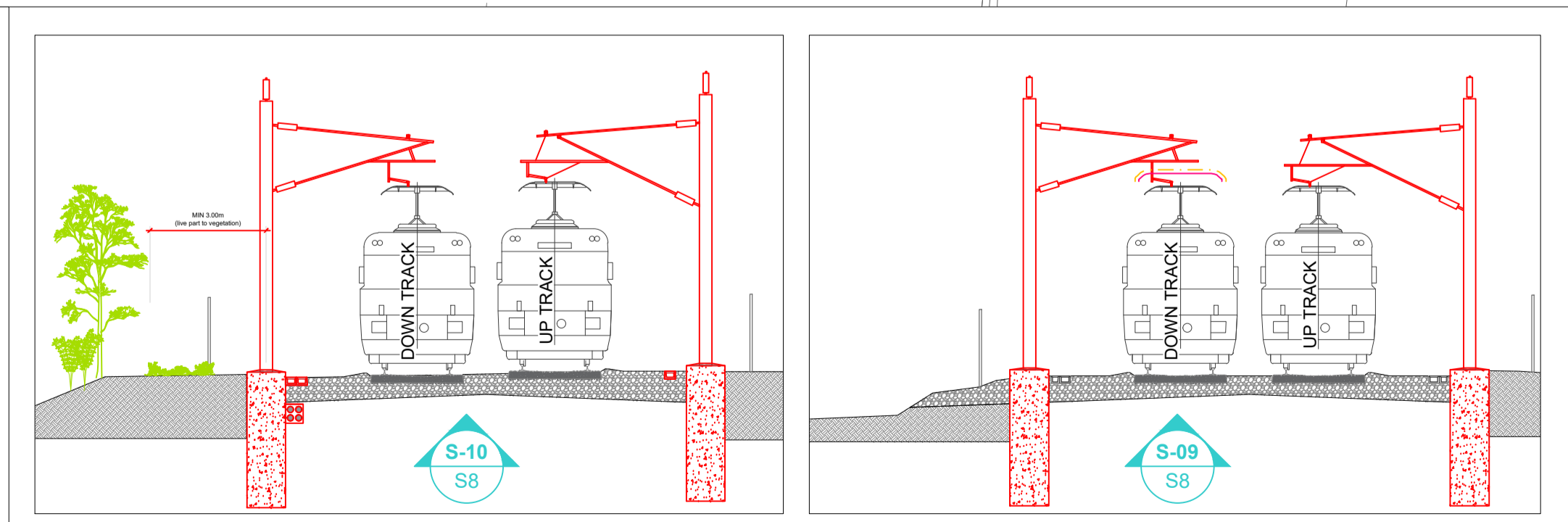
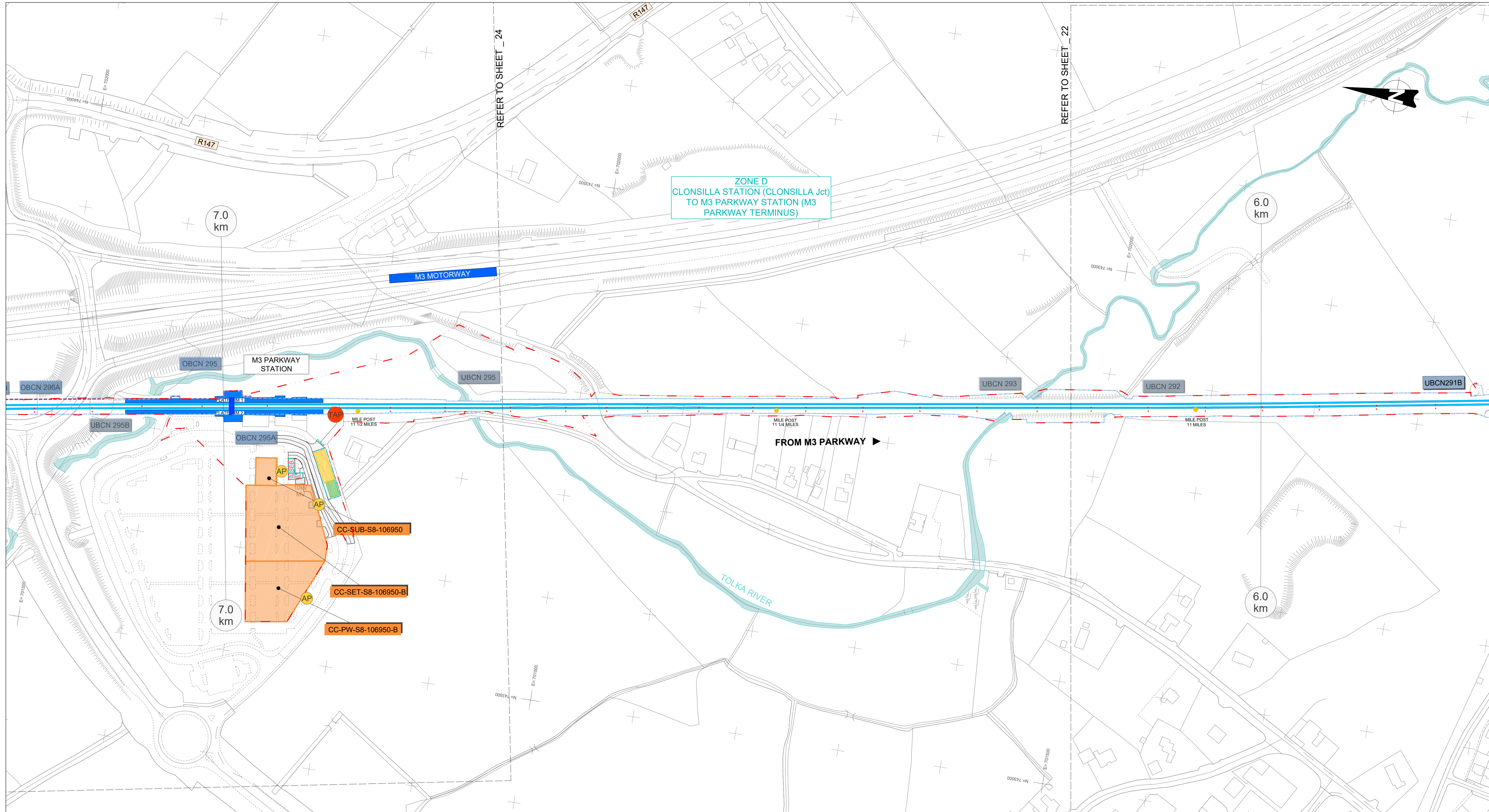
Job No: P1101086

Status: F1-Approved & accepted

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**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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
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| V01  | April 2022 | PLANNING ISSUE |     |     |     |

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Client:

Project:

Consultant:

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

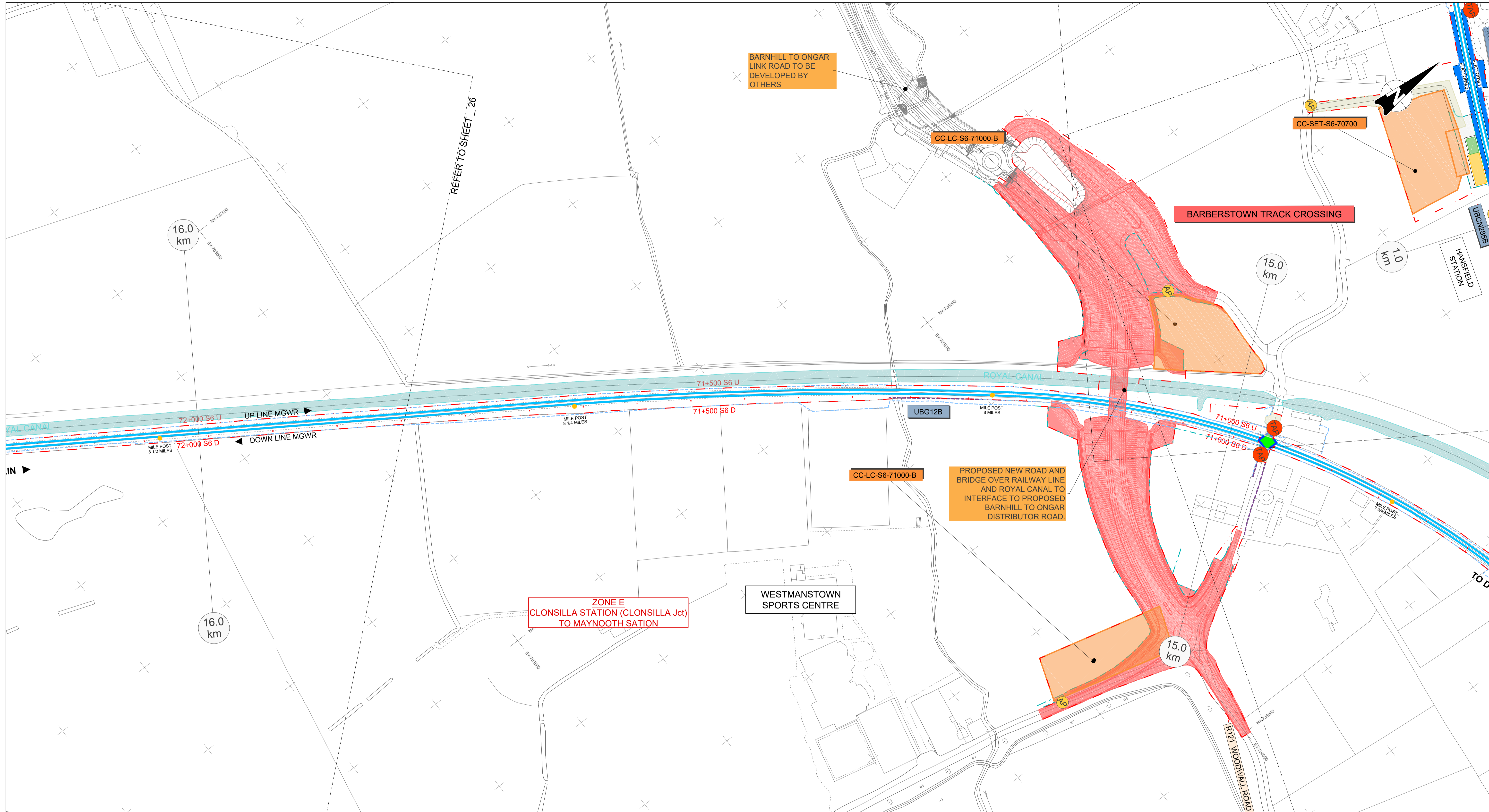
Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

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| V01 | April 2022 | PLANNING ISSUE | RCA | LAN | CCH |
|-----|------------|----------------|-----|-----|-----|

Client: **Transport Infrastructure Authority** (2040), **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **JROD**

Project: **DART+ West**

**LEGEND**

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

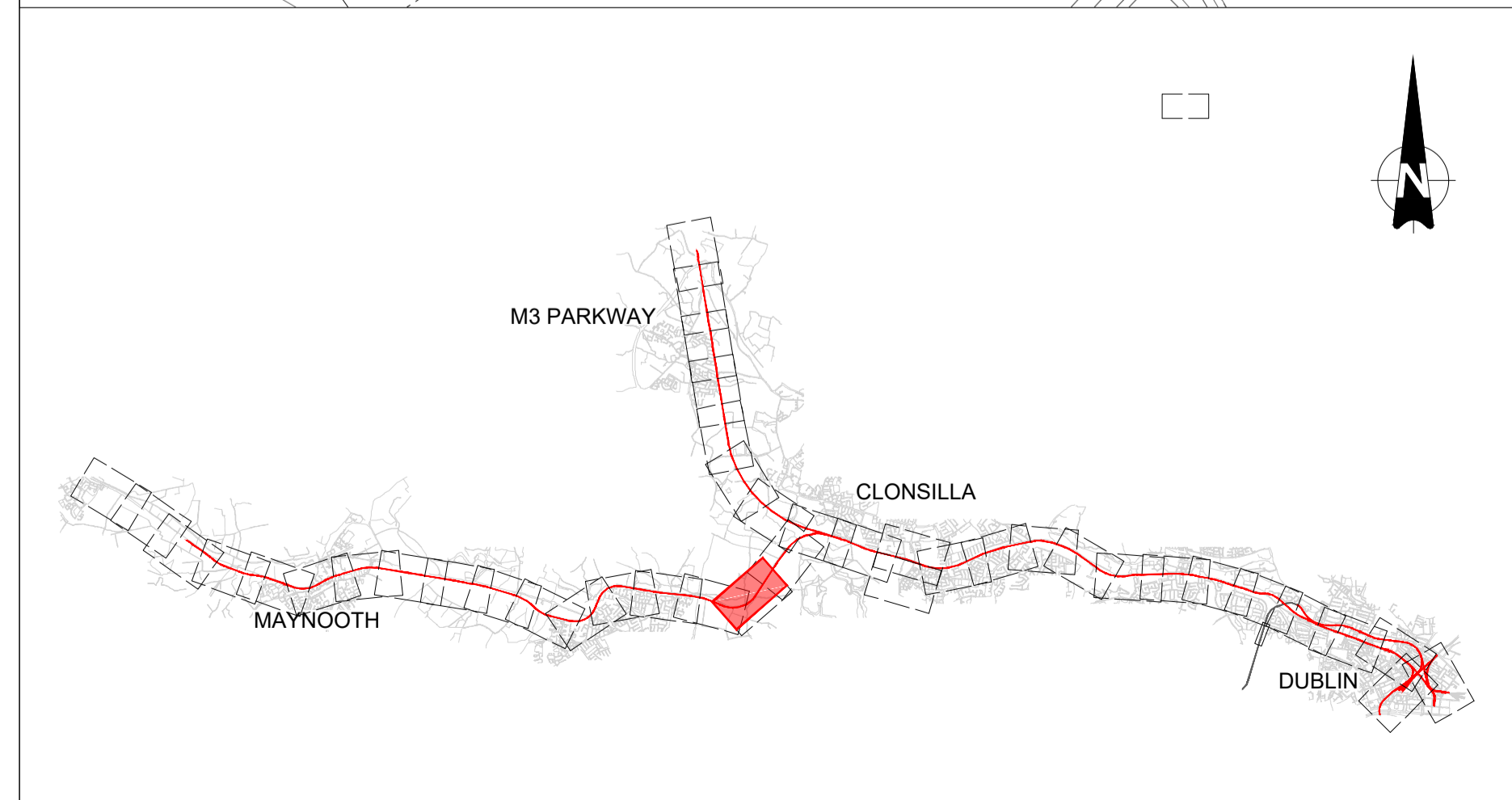
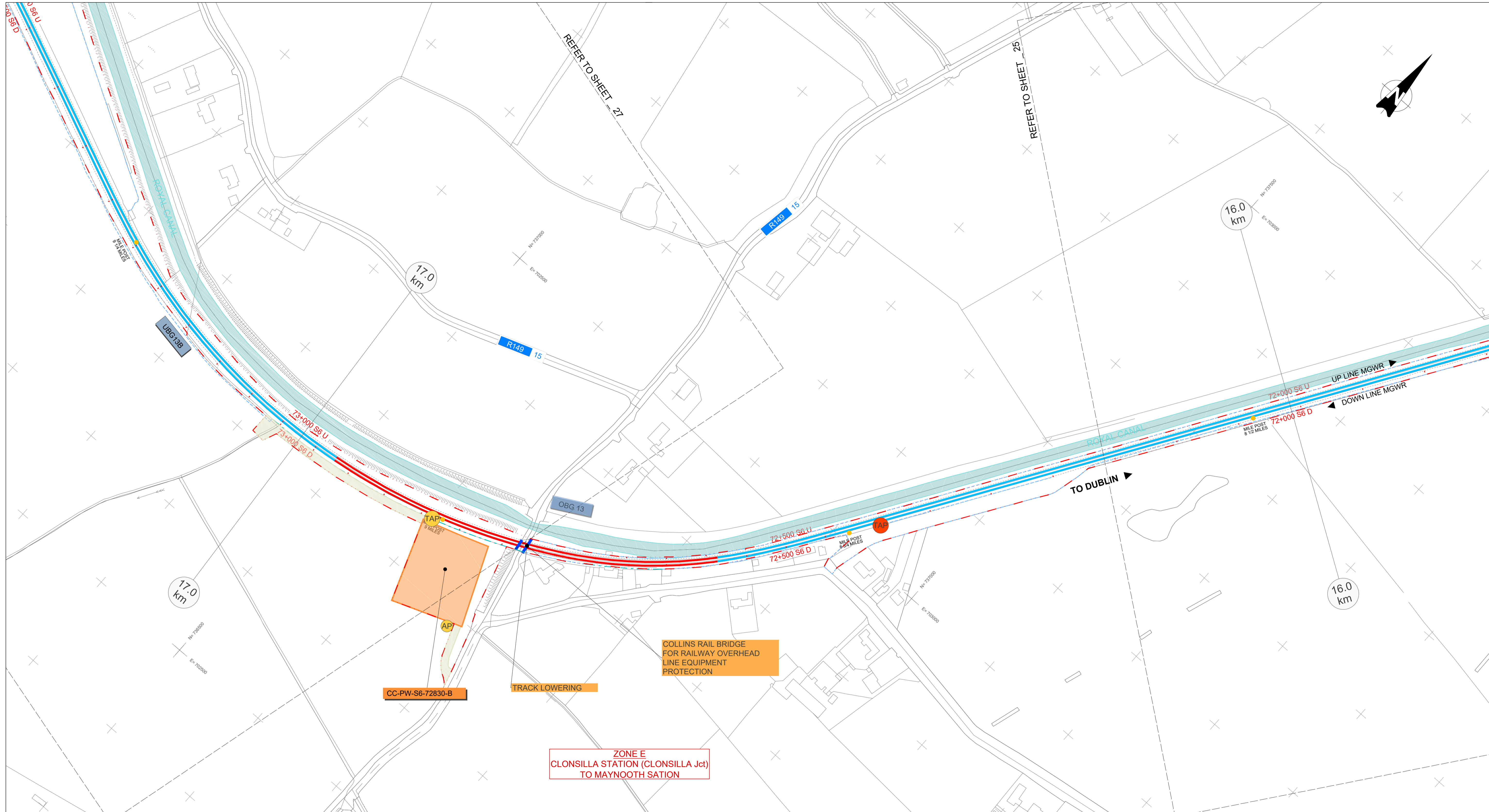
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 Job No: P1101086 Status: F1-Approved & accepted Rev: V01 Sheet: 25 of 42





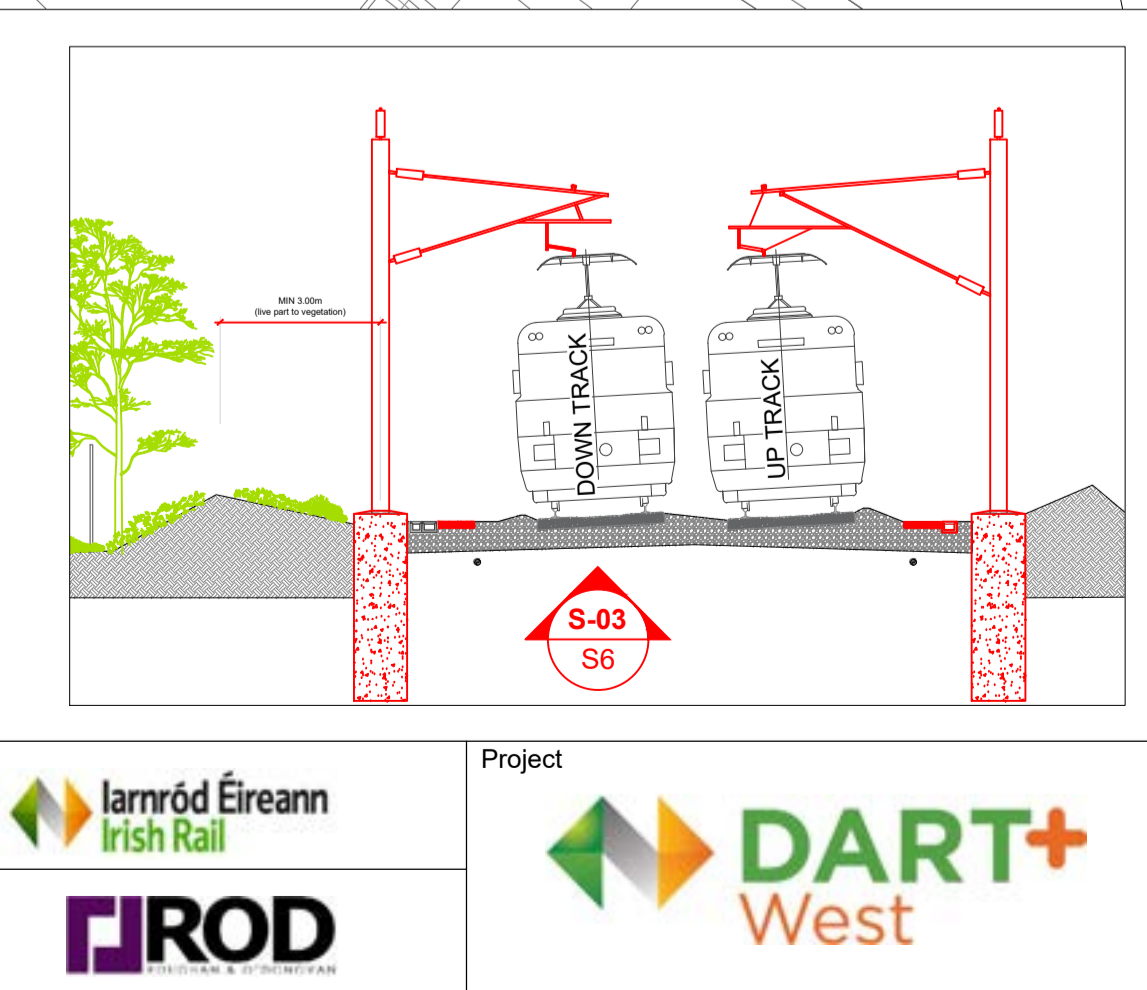
**ZONE E  
CLONSILLA STATION (CLONSILLA Jct)  
TO MAYNOOTH STATION**

| REV.                                | DATE       | DESCRIPTION    | RCA | LAN | CCH |
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| V01                                 | April 2022 | PLANNING ISSUE |     |     |     |
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Client: **Transportation Infrastructure Authority (TIA)**

Consultant: **IDOM**, **NTA**, **lanróid Éireann Irish Rail**, **JROD**

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                                 |

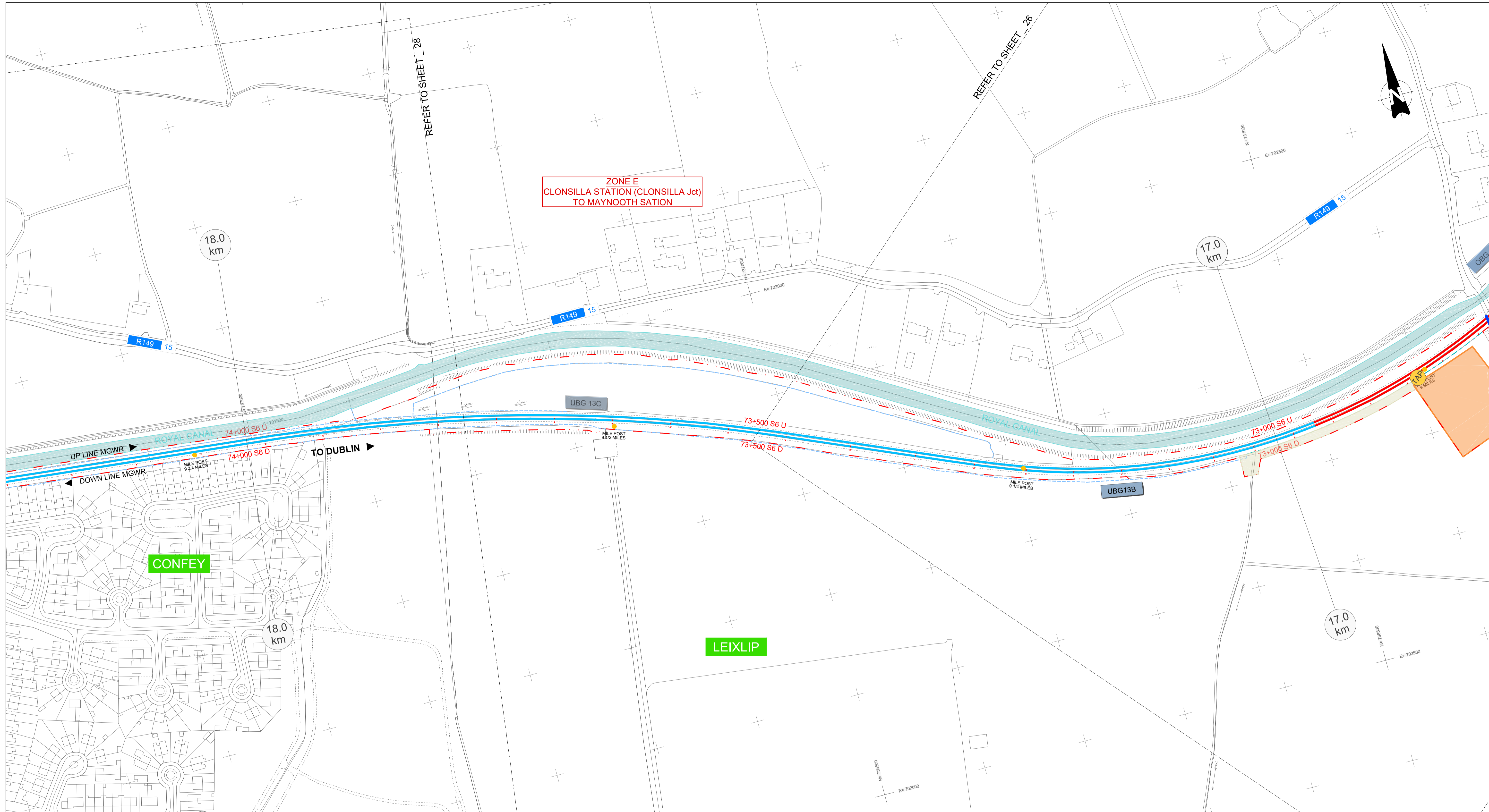
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 26 of 42





**ZONE E**  
**CLONSILLA STATION (CLONSILLA Jct)**  
**TO MAYNOOTH STATION**

**CONFHEY**

**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                                 |

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 All elevations are in metres and relate to O.S. Geoid Model (OSGM02). Mains level as defined by existing project contract.  
 All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by O.S. datum (IP2 datum Tallaght College (ITL02)).

Client:

Consultant:

Project:

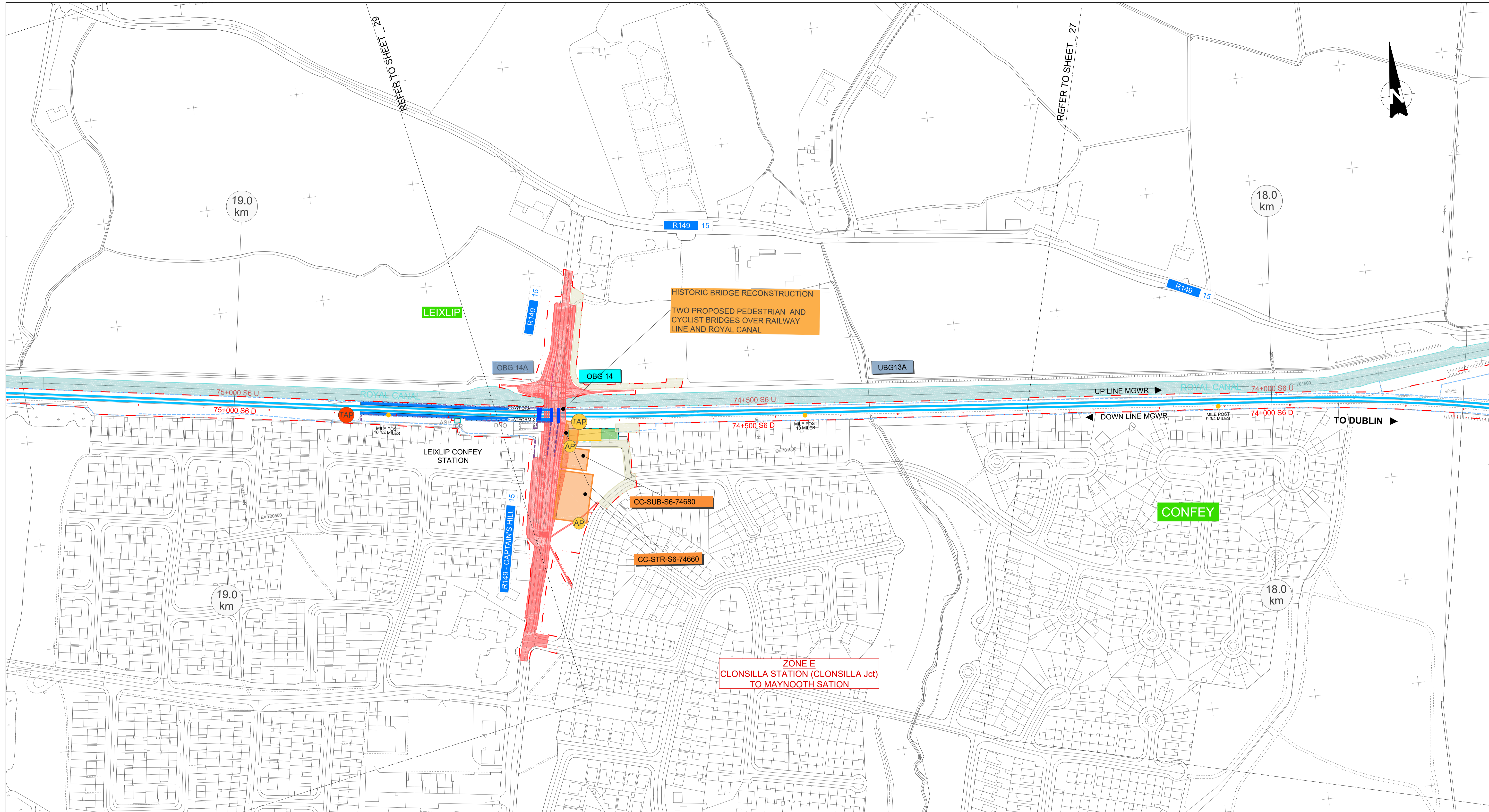
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

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

Date: April 2022 | Job No: P1101088 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 27 of 42

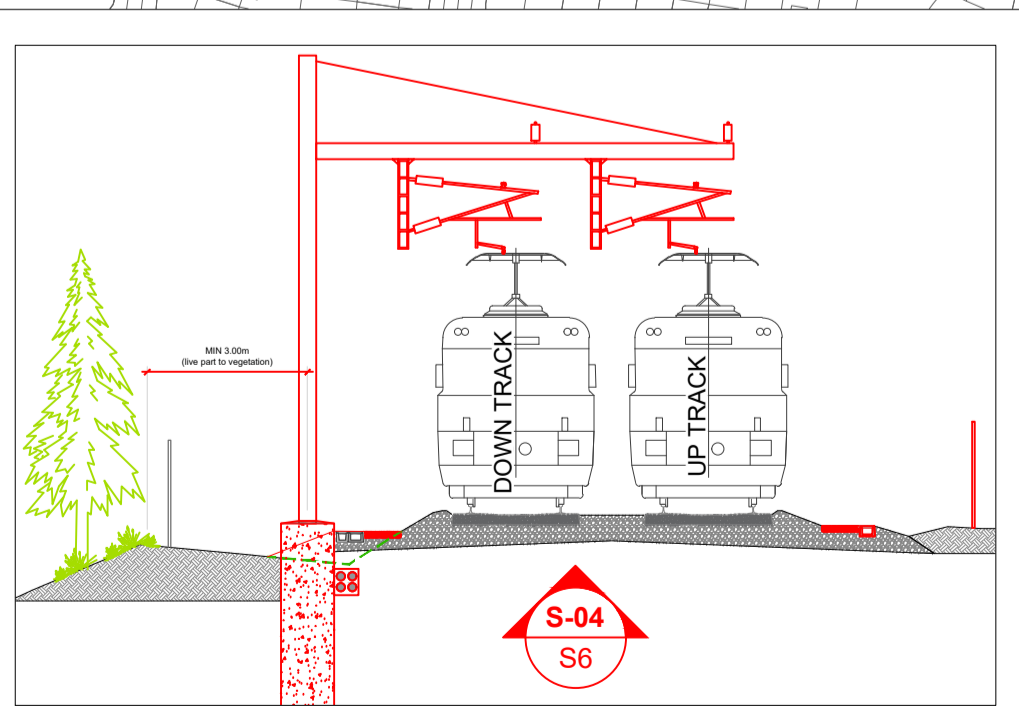




| REV | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|-----|------------|----------------|-----|-----|-----|
| V01 | April 2022 | PLANNING ISSUE |     |     |     |

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 All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSN Active GPS station Tallaght College (TL05).



**LEGEND**

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

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

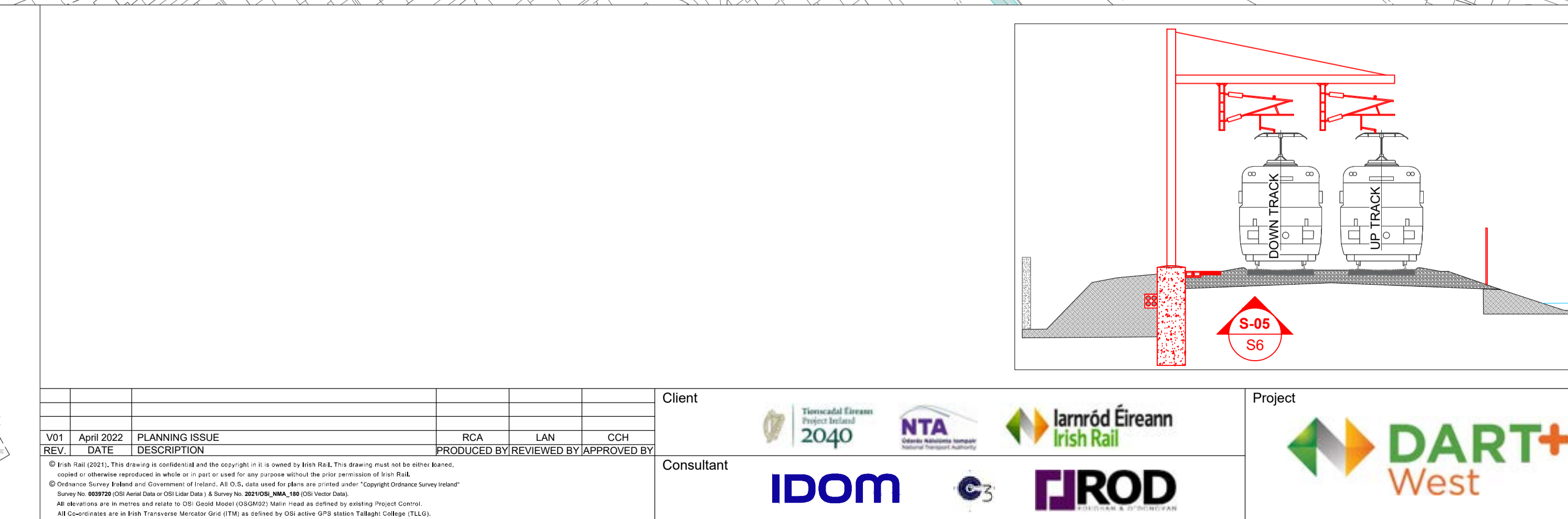
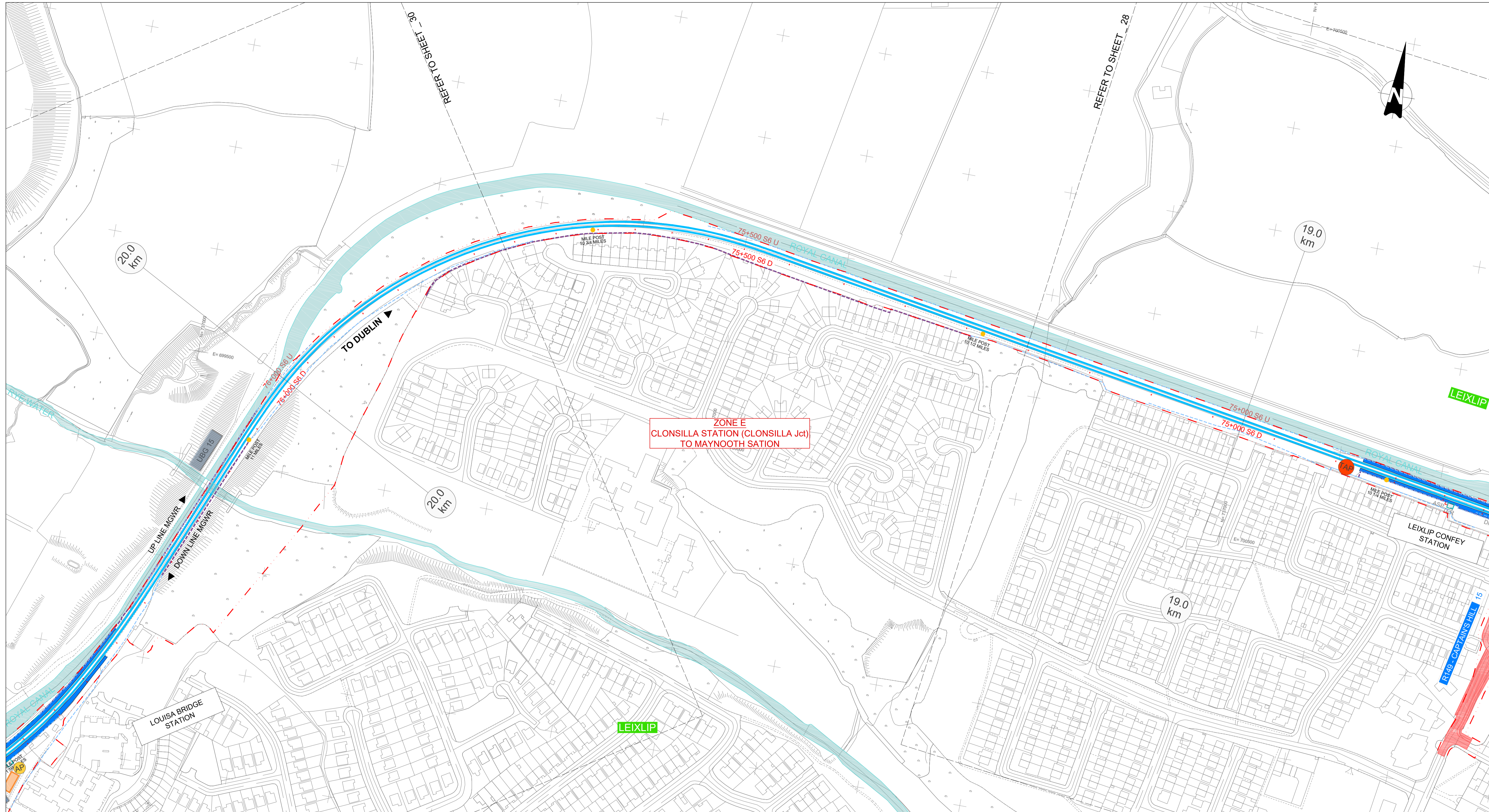
Client: Project:

Consultant:

|         |            |            |          |      |      |        |       |
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| 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: 28 of 42





**LEGEND**

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

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Client: Project:

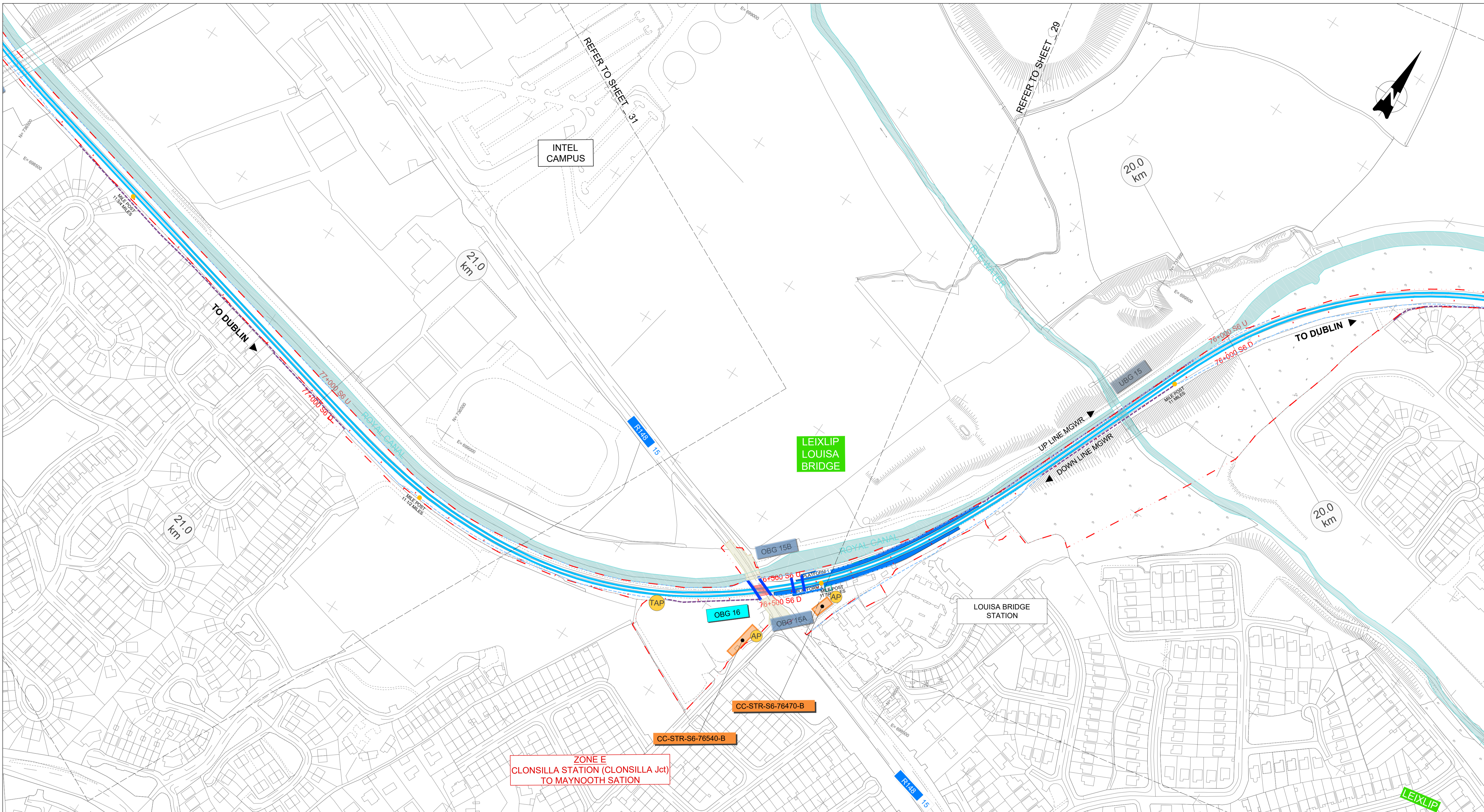
Consultant:

|      |            |                |     |     |     |
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| REV. | DATE       | DESCRIPTION    | RCA | LAN | CCH |
| V01  | April 2022 | PLANNING ISSUE |     |     |     |

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Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 29 of 42





| REV | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|-----|------------|----------------|-----|-----|-----|
| V01 | April 2022 | PLANNING ISSUE |     |     |     |

PRODUCED BY/REVIEWED BY/APPROVED BY

Client: **Transport for Ireland 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **JROD**

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 ALIGN. MODIF. & ELECTRIFICATION   |
|  | PERMANENT COMPOUND                        |  | PROPOSED TRACK ALIGN. 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                                 |

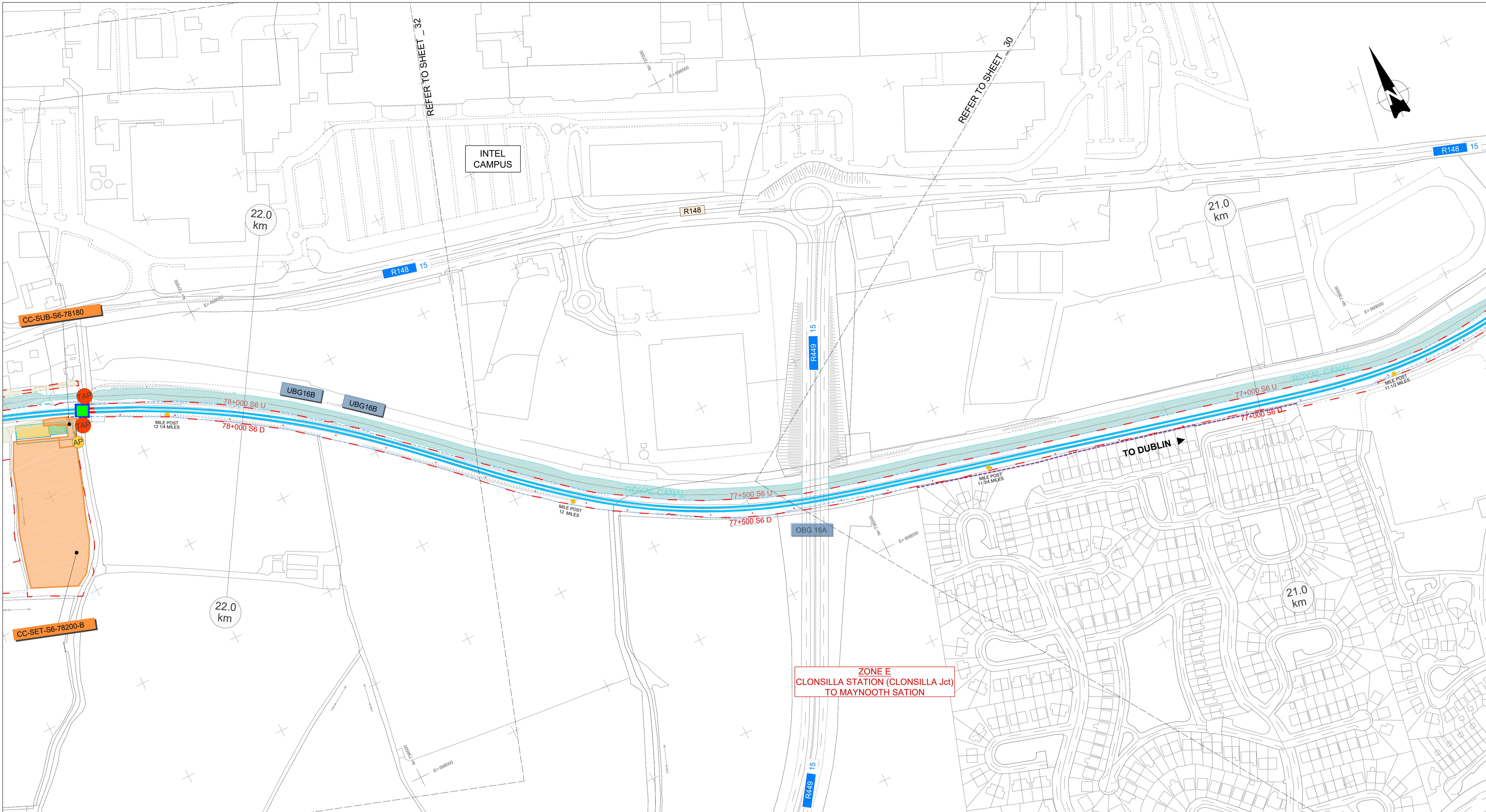
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Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 30 of 42





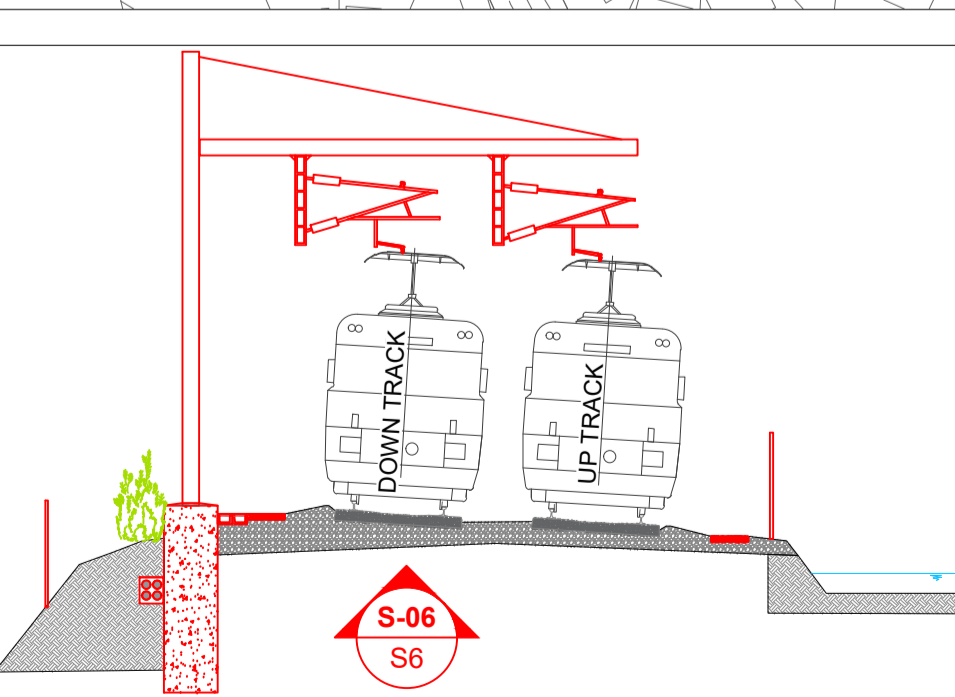
**ZONE E**  
**CLONSILLA STATION (CLONSILLA Jct)**  
**TO MAYNOOTH STATION**



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

Client: **Transportation Infrastructure Authority (TIA)**

Consultant: **IDOM**, **NTA**, **lanróid Éireann Irish Rail**, **JROD**



**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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

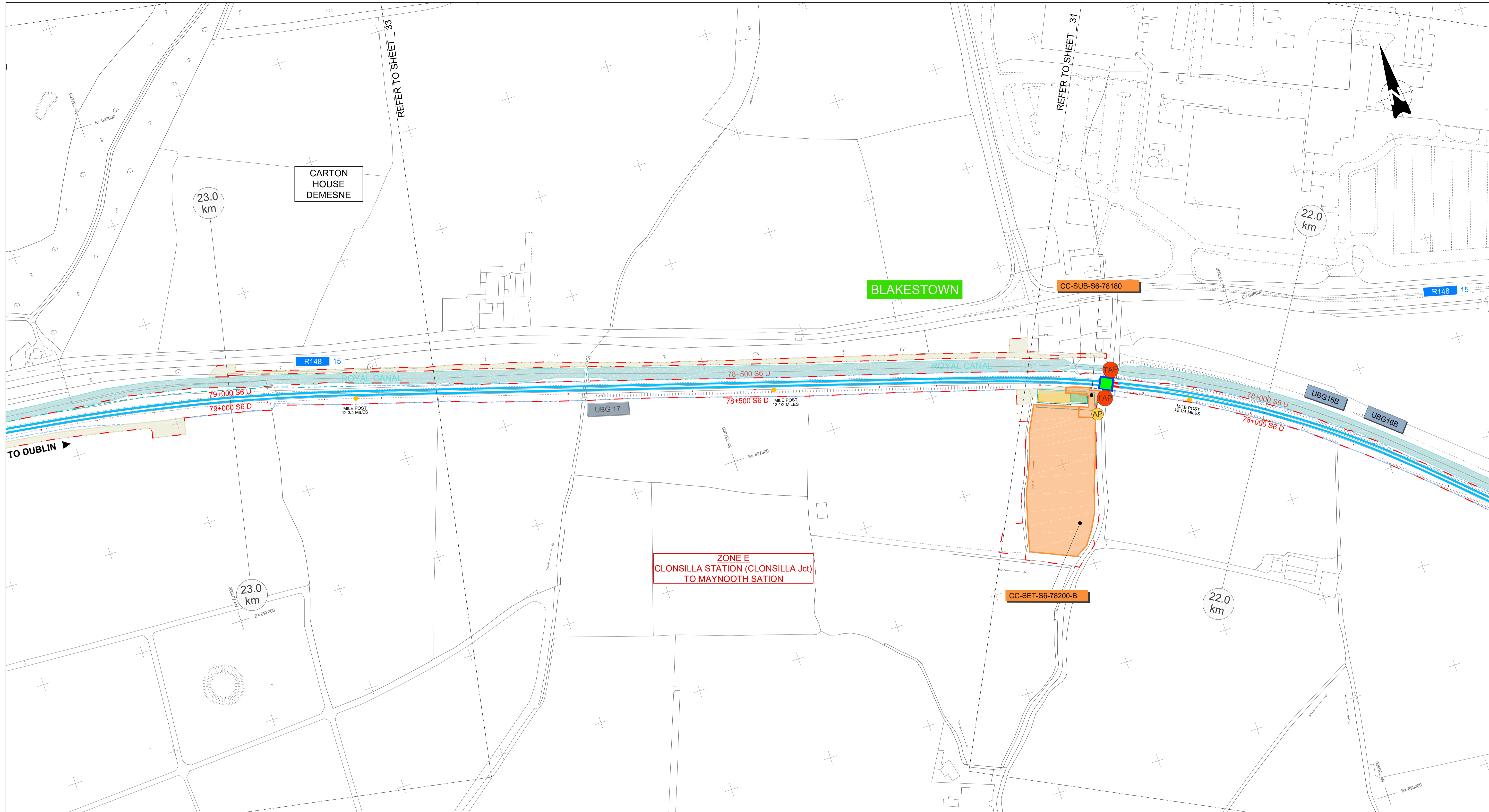
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Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 31 of 42





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

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 All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi using GPD datum Tallaght College (ITM05).

Client: **Transport for Ireland 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **JROD**

Project: **DART+ West**

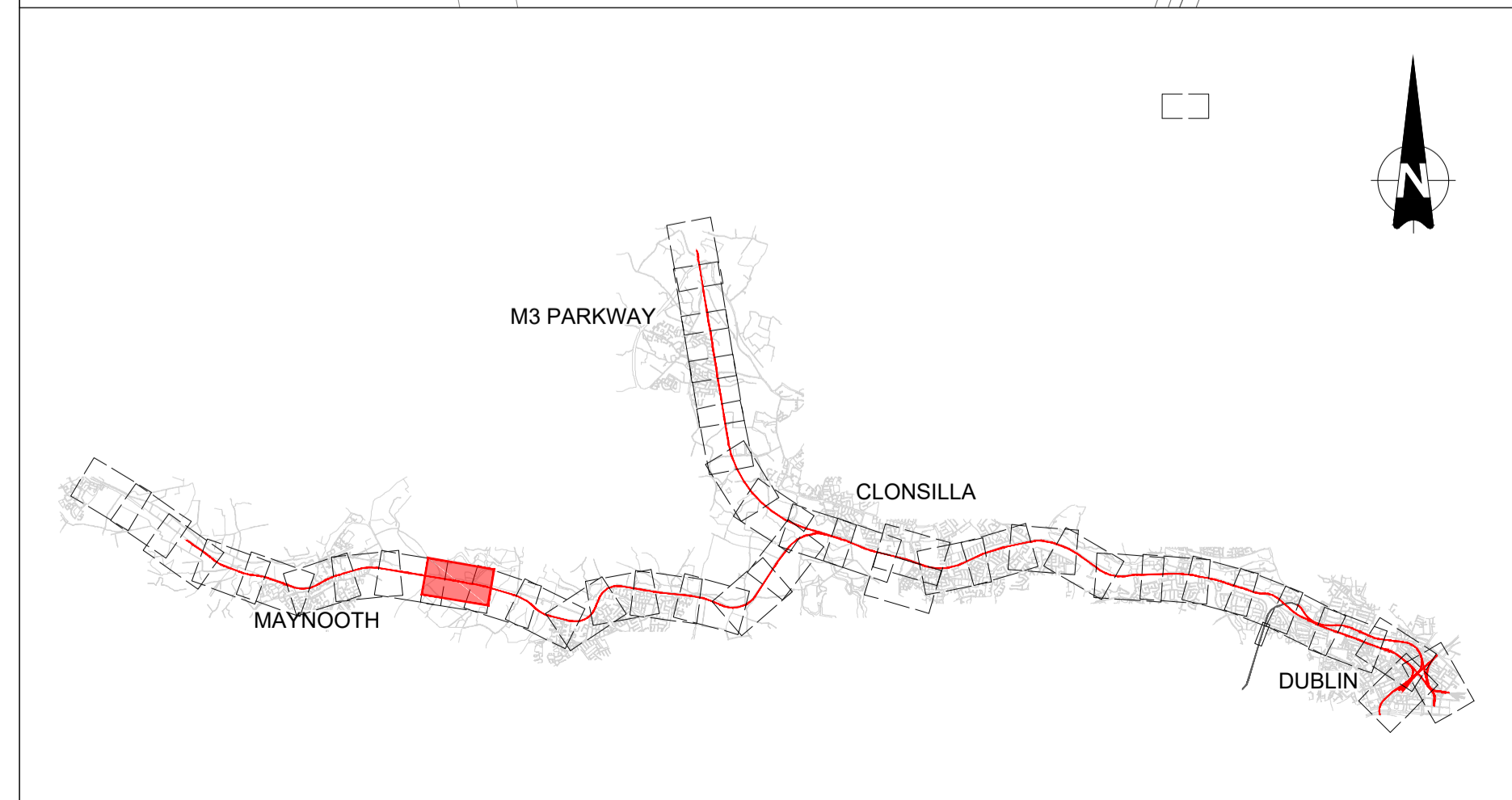
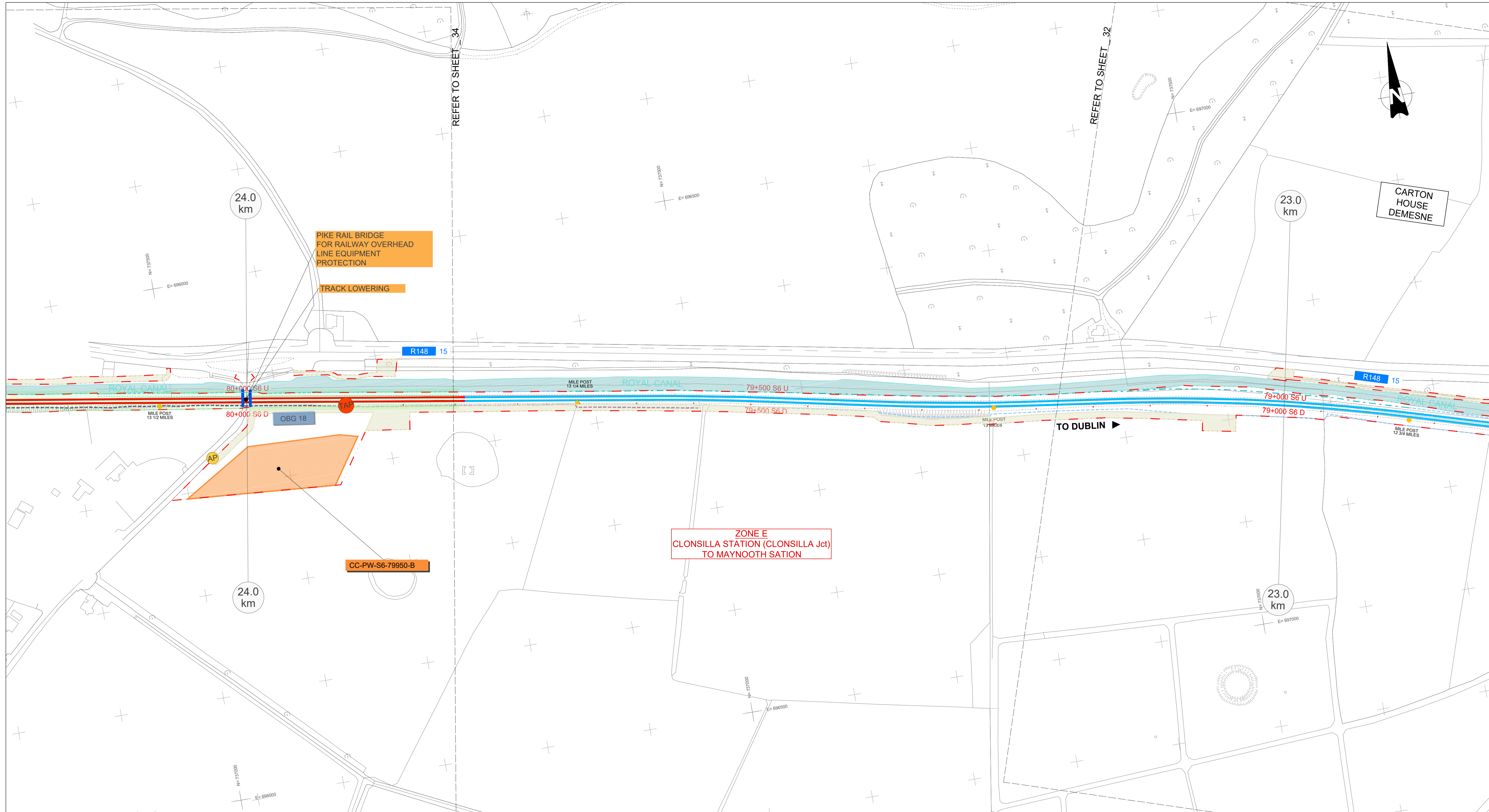
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|        |            |                 | MAY                    | MDC GEN ROUT DR Z 0003 D  |
| Date:  | April 2022 | Job No.:        | Status:                | Rev:  |
|        |            | PI101086        | F1-Approved & accepted | V01   |
|        |            |                 |                        | Sheet: 32 of 42   |

**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                  |  | WALL HEIGHTENING                                 |
|  | RAILWAY STATION EXISTING                  |  | PARAPET HEIGHTENING                              |
|  | RAILWAY STATION NEW                       |  | PROPOSED RETAINING WALLS                         |
|  | CONCRETE SLAB TRACK                       |  | PROPOSED FENCING                                 |
|  | PROPOSED TRACK ACCESS POINT / ACCES POINT |  | EXISTING RETAINING WALLS                         |
|  | EXISTING TRACK ACCESS POINT / ACCES POINT |  | EXISTING FENCING                                 |
|  | MILE POST                                 |  |  |

Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**





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

Client: **Transport for Ireland 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **JROD**, **DART+ West**

Project: **DART+ West**

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

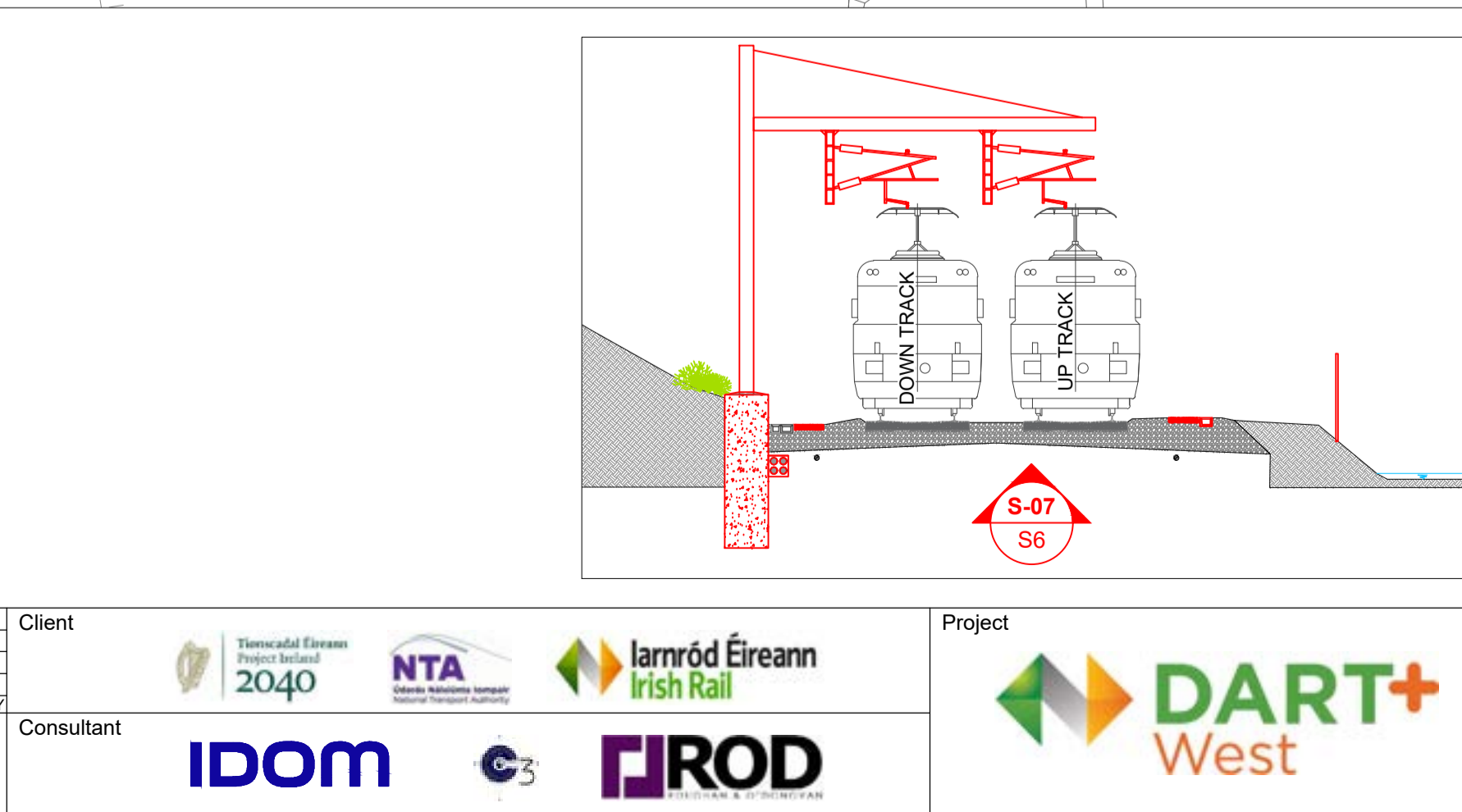
Date: April 2022

Job No: P1101086

Status: F1-Approved & accepted

Rev: V01

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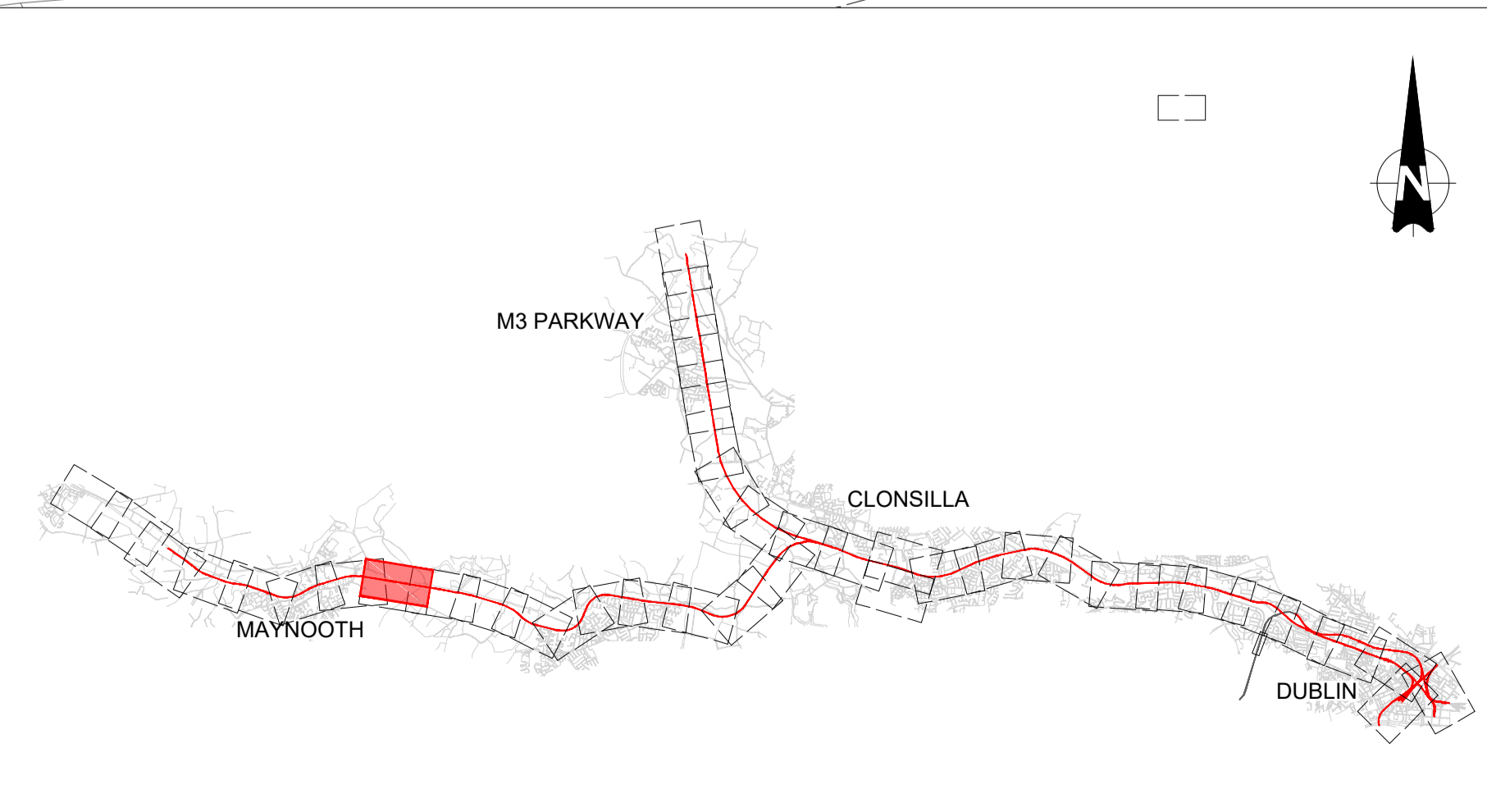
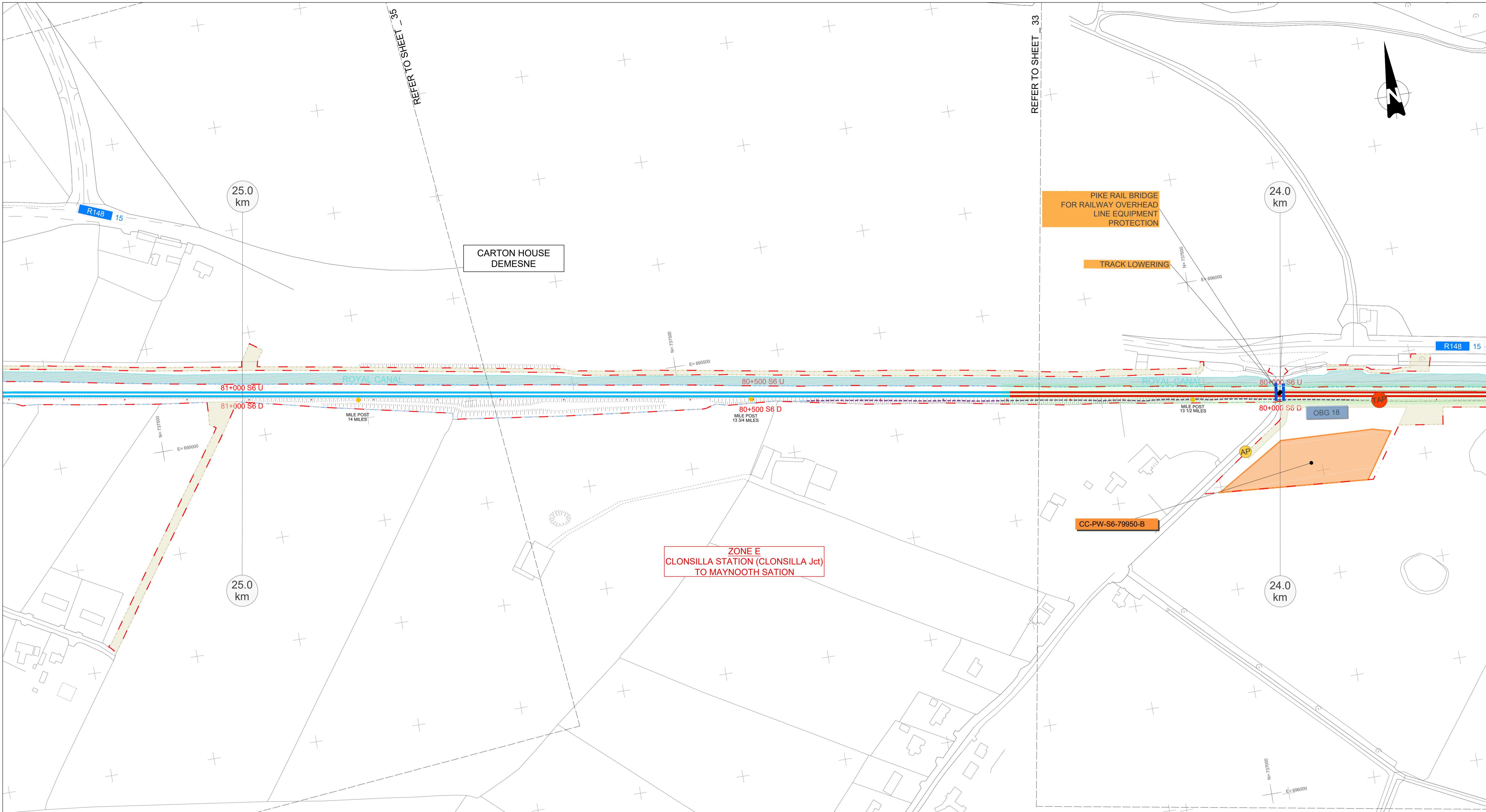


**LEGEND**

|  |  |  |  |
|--|--|--|--|
|  | 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                   |  | WALL HEIGHTENING                                 |
|  | RAILWAY STATION EXISTING                   |  | PARAPET HEIGHTENING                              |
|  | RAILWAY STATION NEW                        |  | PROPOSED RETAINING WALLS                         |
|  | CONCRETE SLAB TRACK                        |  | EXISTING RETAINING WALLS                         |
|  | PROPOSED TRACK ACCESS POINT / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING FENCING                                 |
|  | MILE POST                                  |  |  |

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT





| REV.                                | DATE       | DESCRIPTION    | RCA | LAN | CCH |
|-------------------------------------|------------|----------------|-----|-----|-----|
| V01                                 | April 2022 | PLANNING ISSUE |     |     |     |
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Client: **Transport for Ireland 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **JROD**

Project: **DART+ West**

**LEGEND**

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

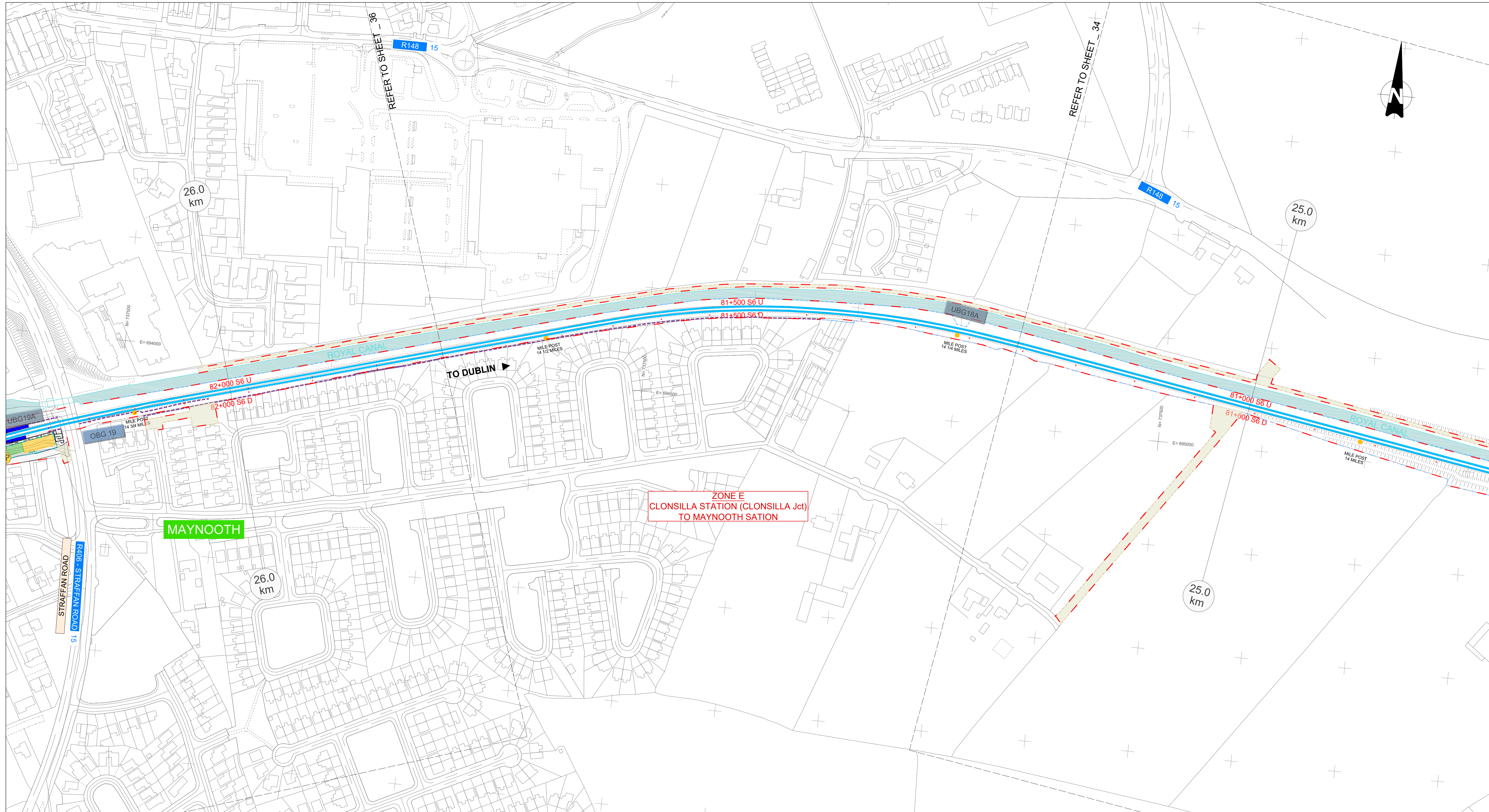
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

Drawing Number: **MAY MDC GEN ROUT DR Z 0003 D**

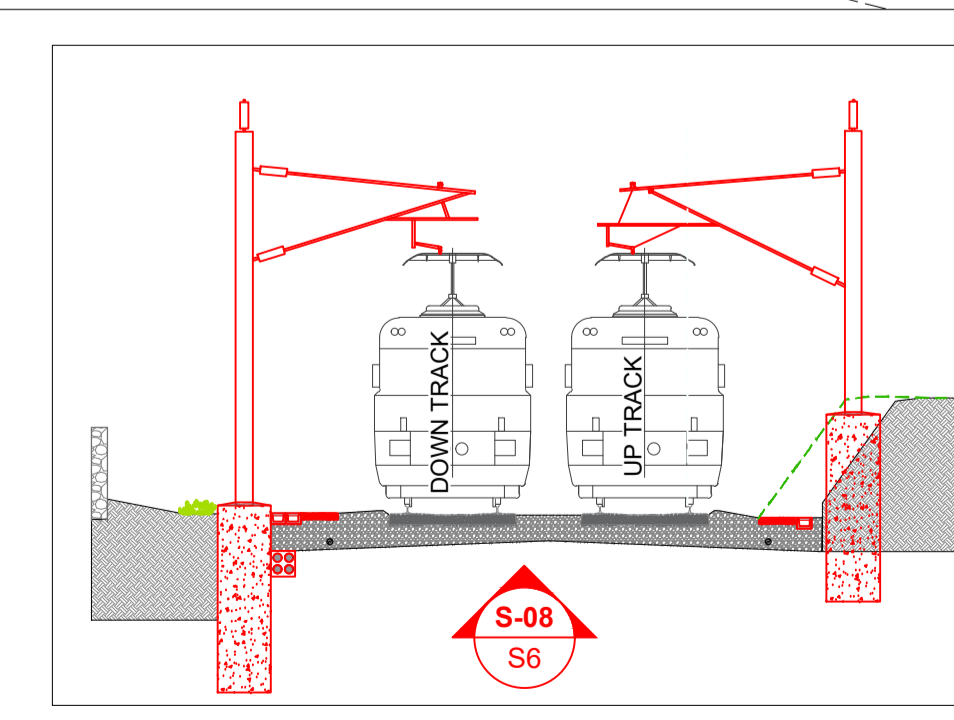
Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 34 of 42





| REV. | DATE       | DESCRIPTION    | RCA         | LAN         | CCH         |
|------|------------|----------------|-------------|-------------|-------------|
| V01  | April 2022 | PLANNING ISSUE |             |             |             |
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 Drawing No: 000101088 (Rev 001) Date Issued: 18/04/2022 (Rev 001) Issue Date: 18/04/2022  
 All elevations are in metres and relate to OSi Geoid Model (OSGM2015). Mean sea level as defined by existing project contract.  
 All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TL05).



**LEGEND**

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

**Drawing Title**

GENERAL DESIGN  
PROJECT SCHEMATIC  
LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

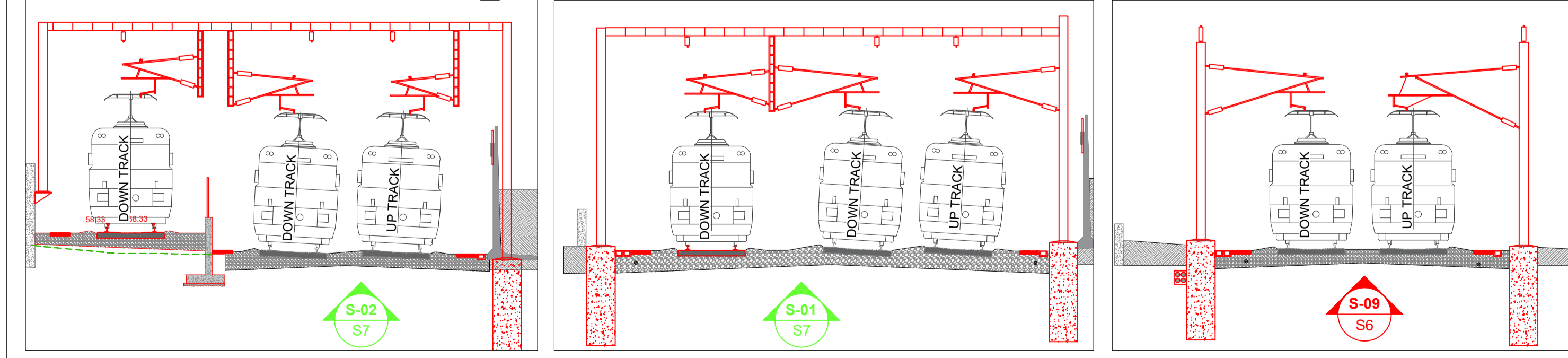
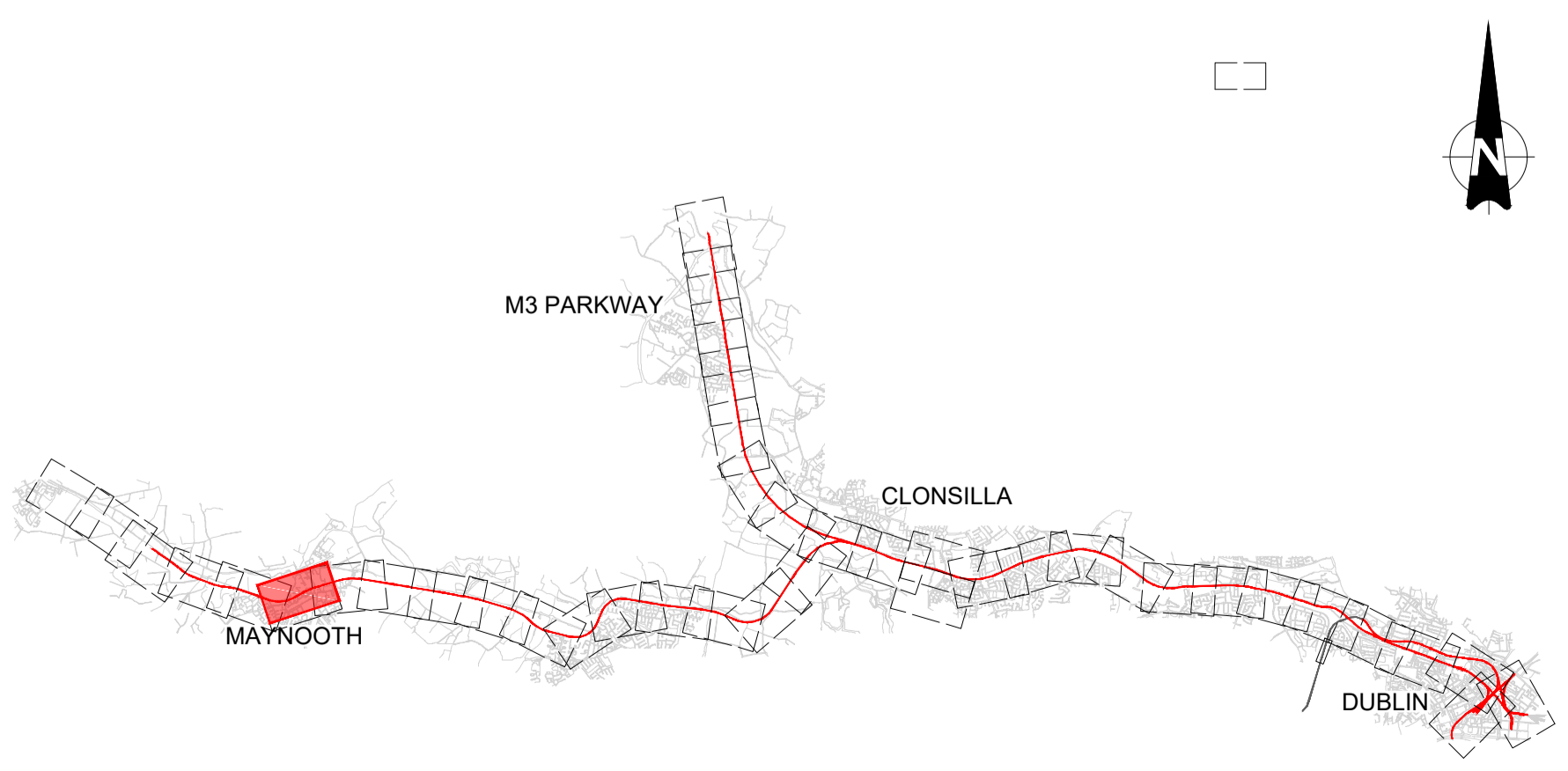
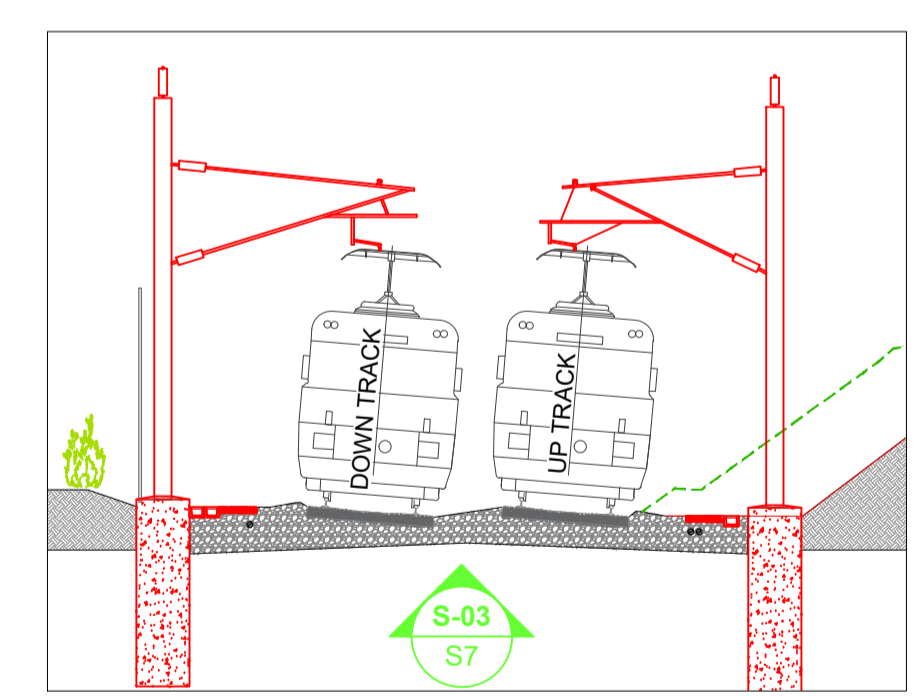
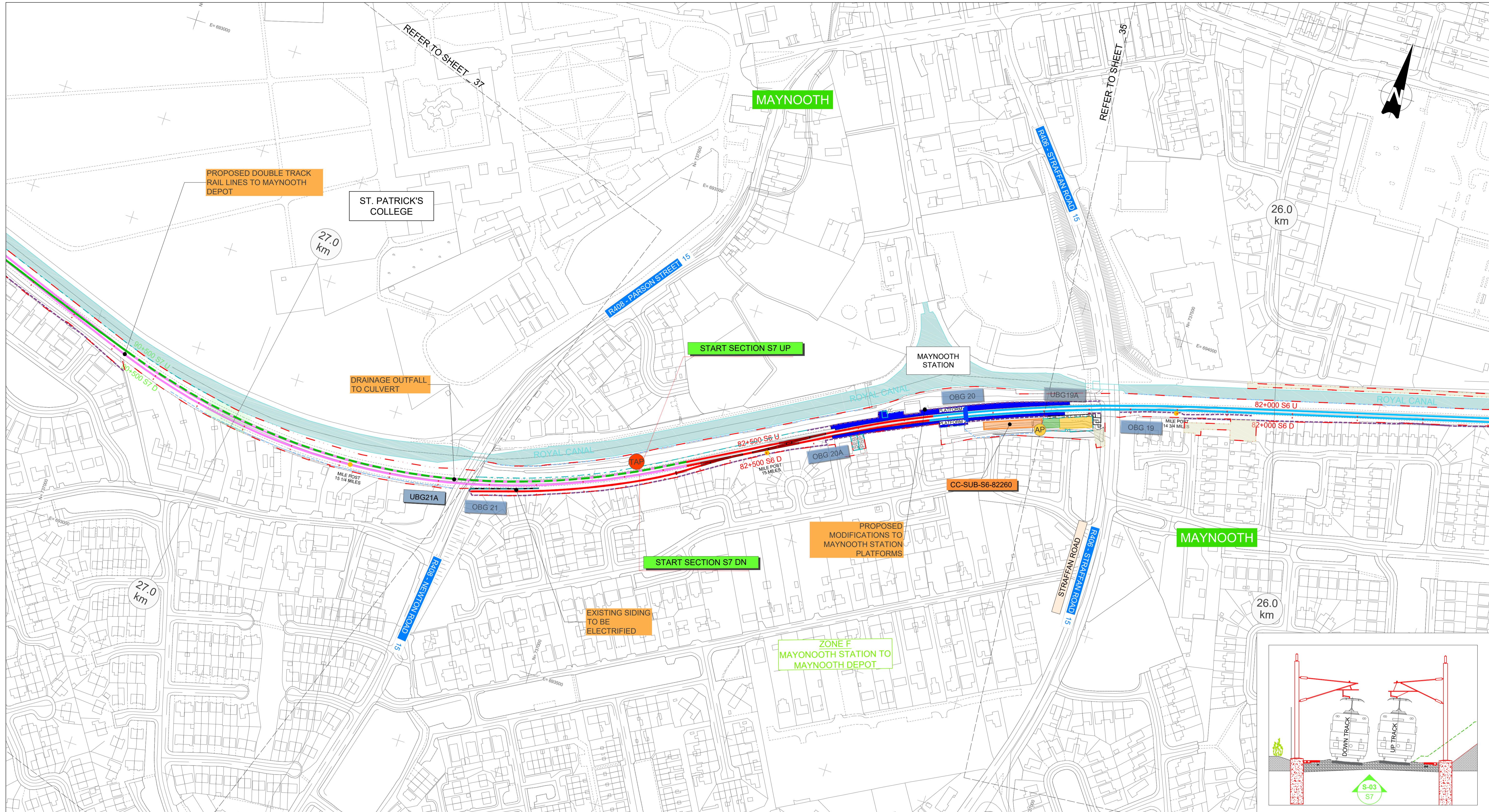
Date: April 2022 Job No: P1101088 Status: F1-Approved & accepted Rev: V01 Sheet: 35 of 42

Client:

Project:

Consultant:





**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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

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Client:

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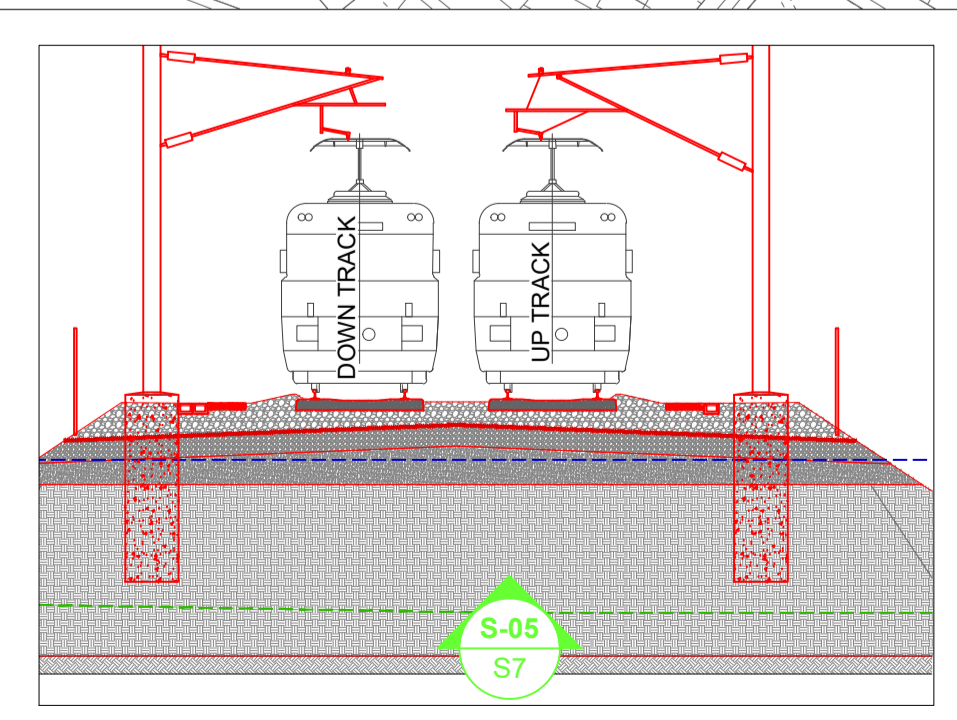
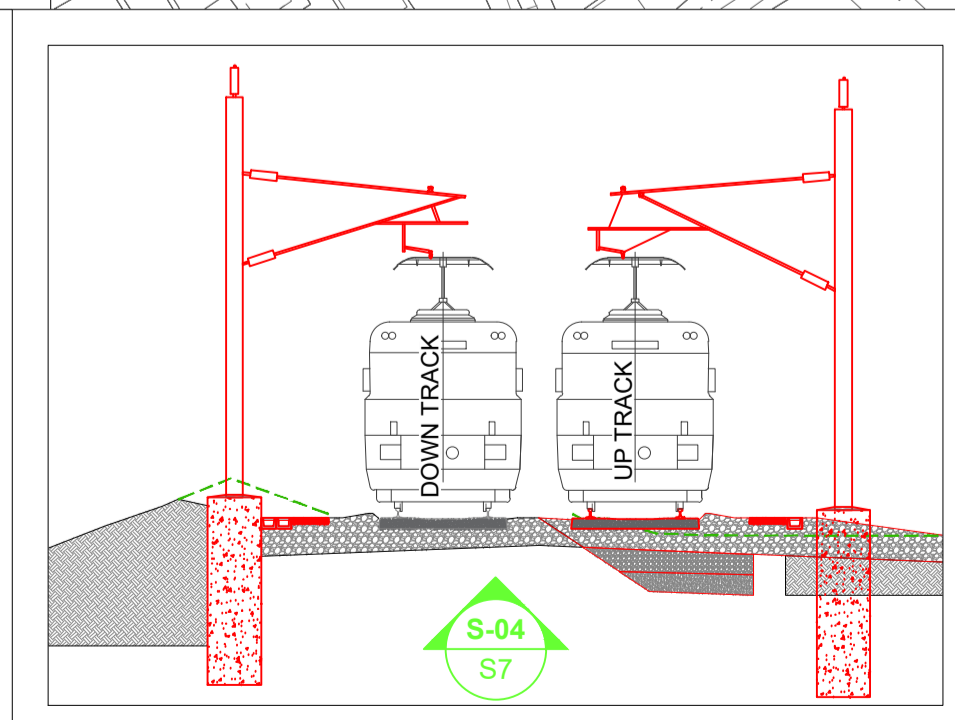
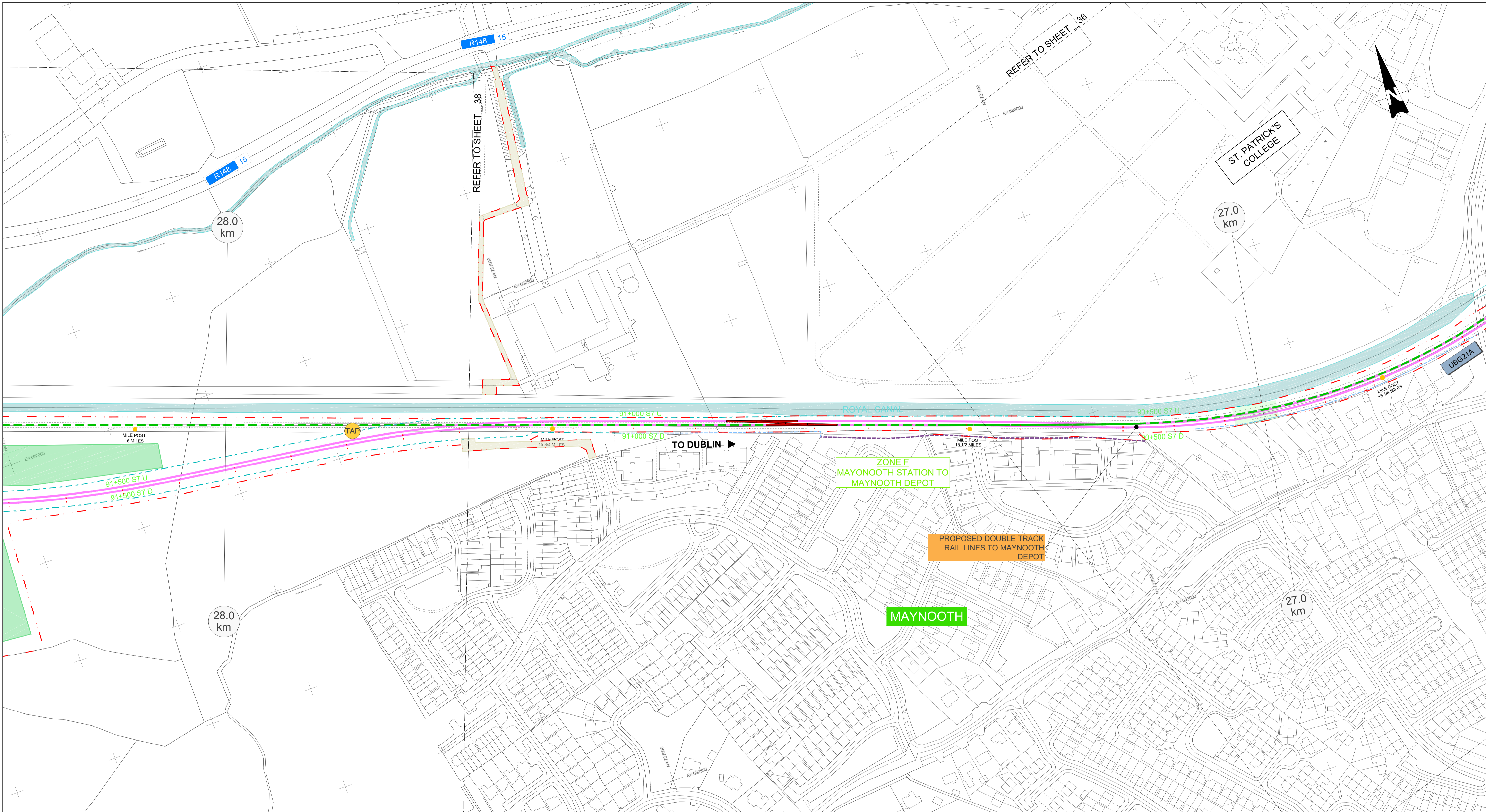
Drawing Title: **GENERAL DESIGN PROJECT SCHEMATIC LAYOUT**

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 36 of 42





**LEGEND**

|  |  |  |  |
|--|--|--|--|
|  | PROPOSED OVERBRIDGE / UNDERBRIDGE          |  | EXISTING RAILWAY                                 |
|  | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE     |  | NEW TRACK & ELECTRIFICATION                      |
|  | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED  |  | PROPOSED RAILWAY ELECTRIFICATION                 |
|  | PERMANENT COMPOUND                         |  | PROPOSED TRACK ALIG. MODIF. & ELECTRIFICATION    |
|  | CONSTRUCTION COMPOUND                      |  | PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED      |
|  | 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 / ACCESS POINT |  | PROPOSED FENCING                                 |
|  | EXISTING TRACK ACCESS POINT / ACCESS POINT |  | EXISTING RETAINING WALLS                         |
|  | MILE POST                                  |  | EXISTING FENCING                                 |

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Client:

Consultant:

Project:

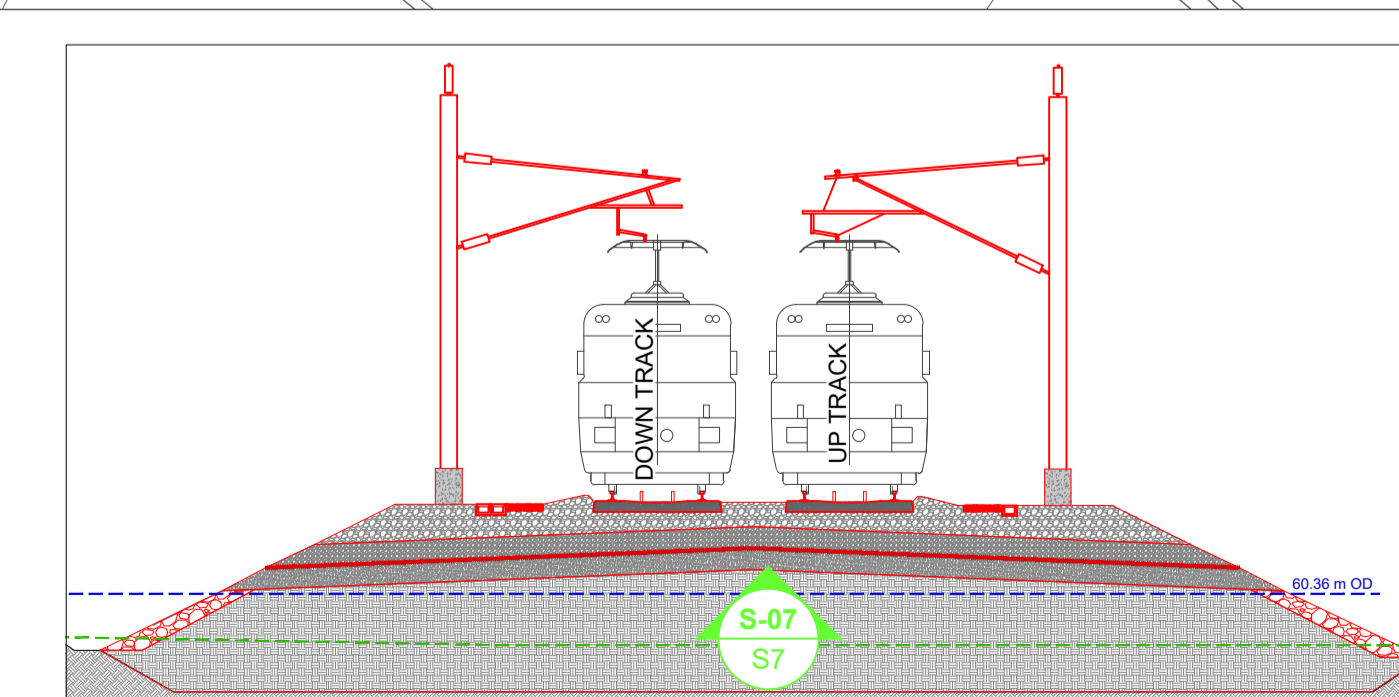
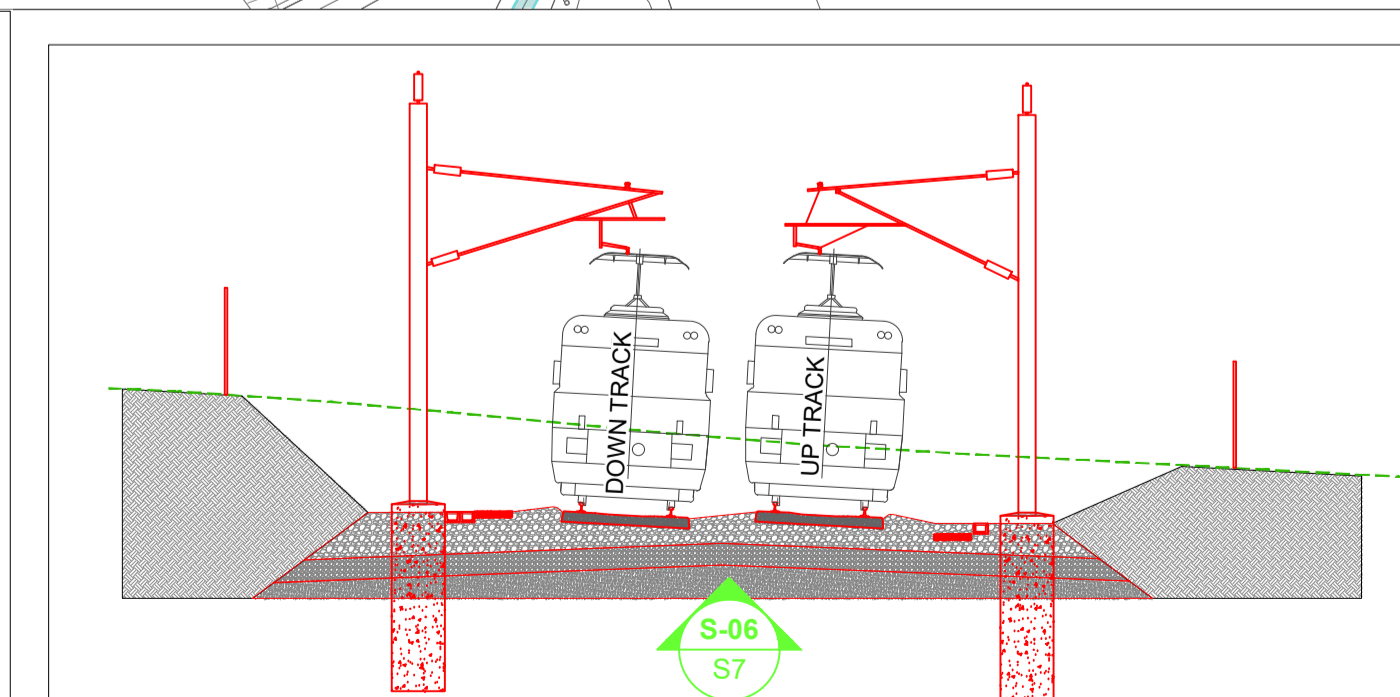
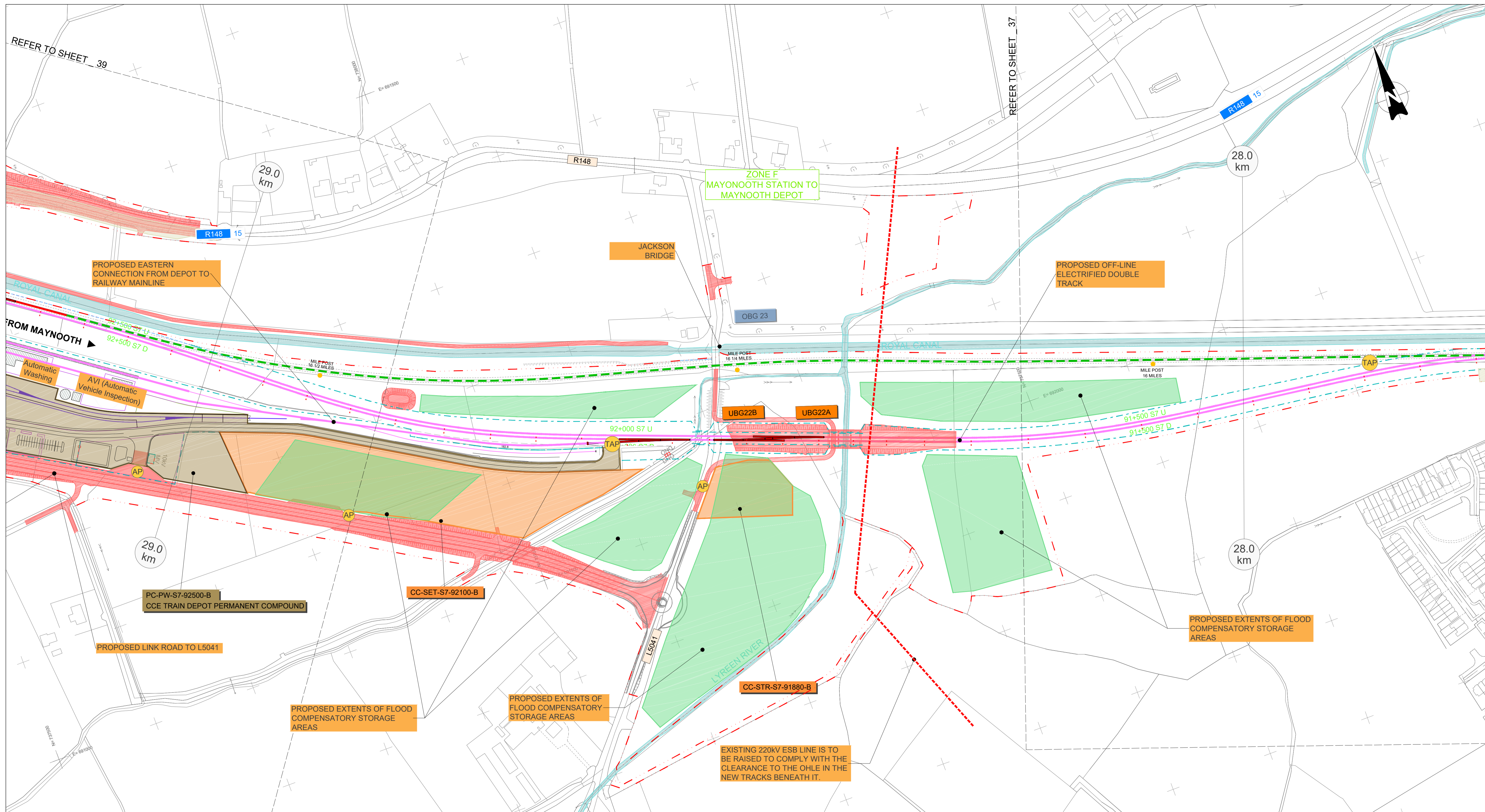
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 | Job No: P1101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 37 of 42





**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 |  | EXISTING RETAINING WALLS                         |
|  | EXISTING TRACK ACCESS POINT / ACCES POINT |  | EXISTING FENCING                                 |
|  | MILE POST                                 |  | EXISTING FENCING                                 |

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022

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Produced by: [REDACTED]

Reviewed by: [REDACTED]

Approved by: [REDACTED]

Client: **Transport Infrastructure Authority (TIA)**

Client: **2040**

Client: **NTA**

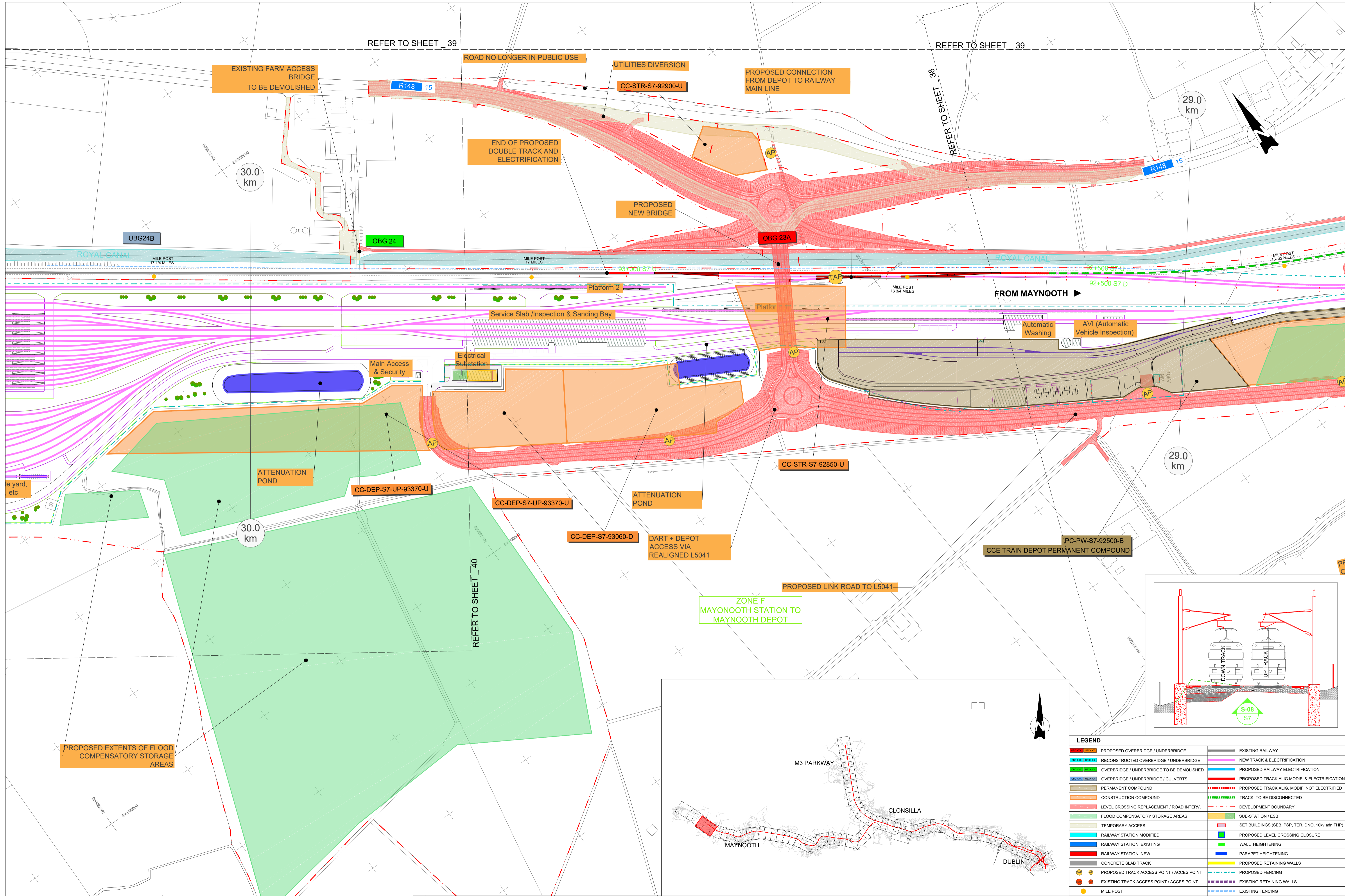
Client: **Iarnród Éireann Irish Rail**

Project: **DART+ West**

Consultant: **IDOM**

Consultant: **JROD**



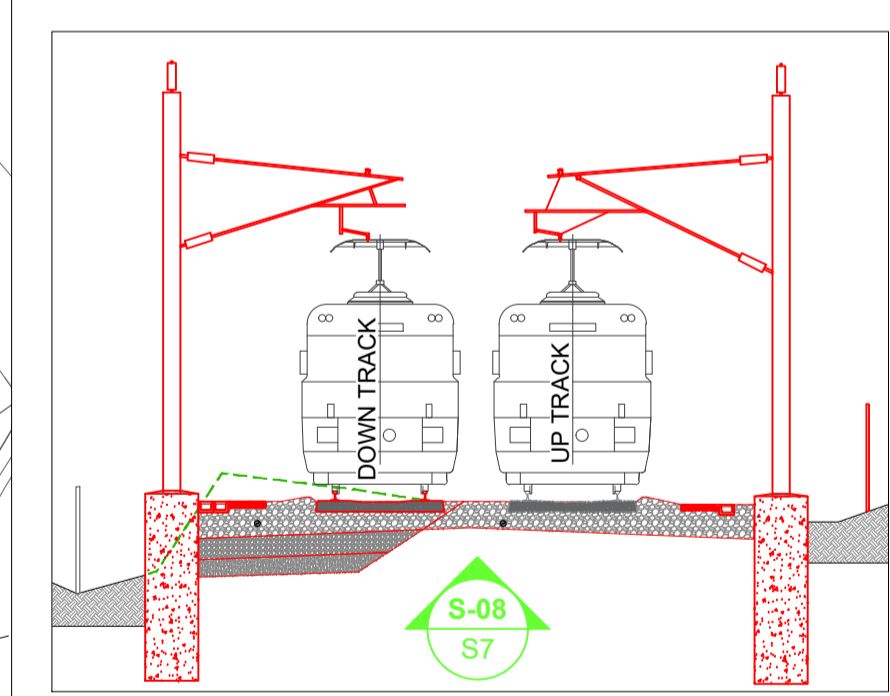


REFER TO SHEET \_ 39

REFER TO SHEET \_ 39

REFER TO SHEET \_ 38

REFER TO SHEET \_ 40



**LEGEND**

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



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Client:

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Project:

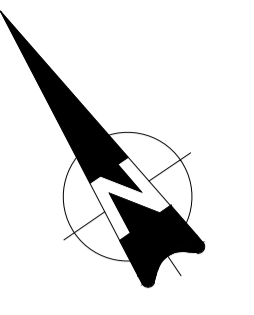
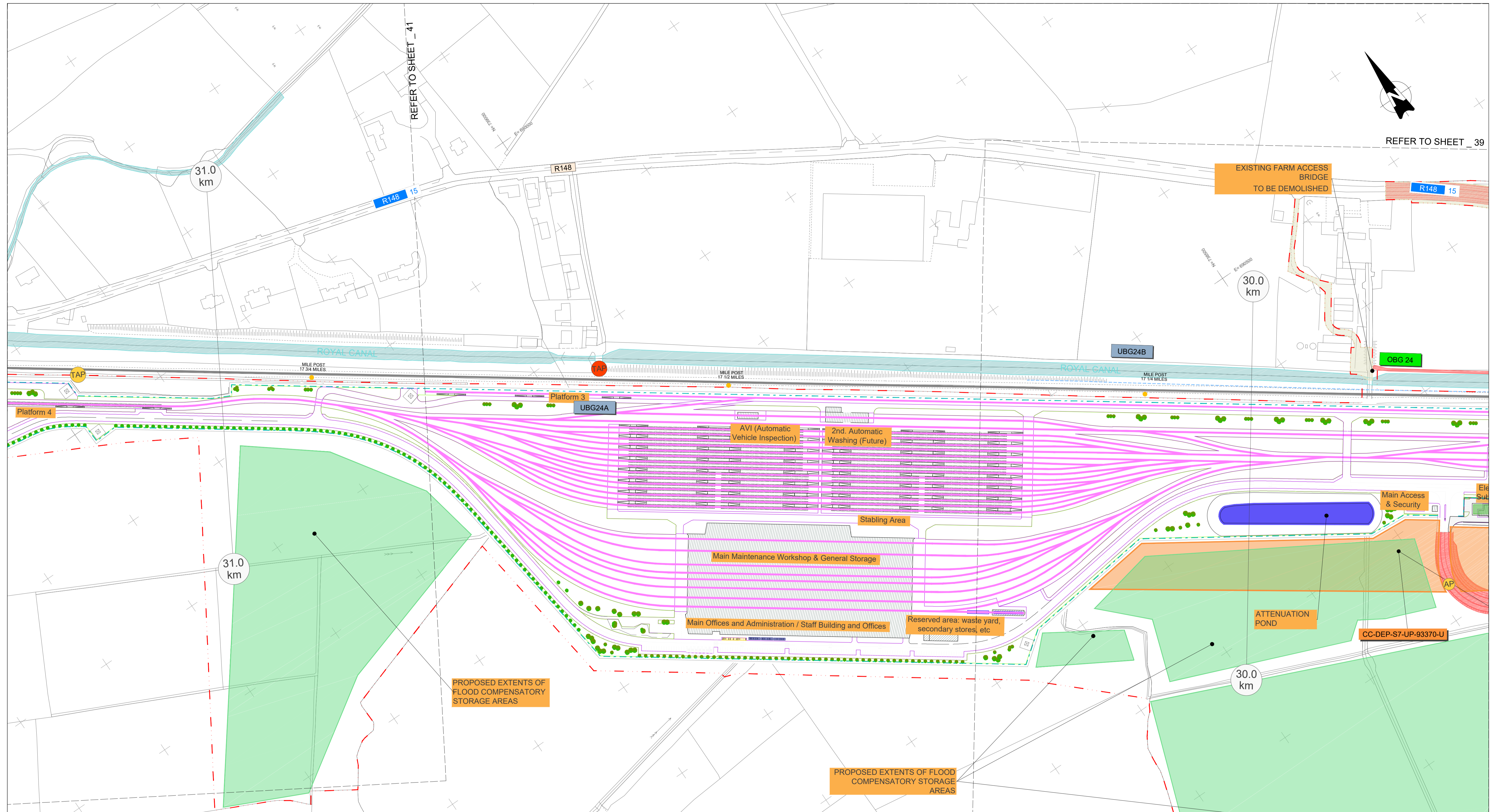
Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

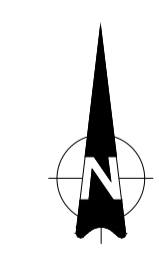
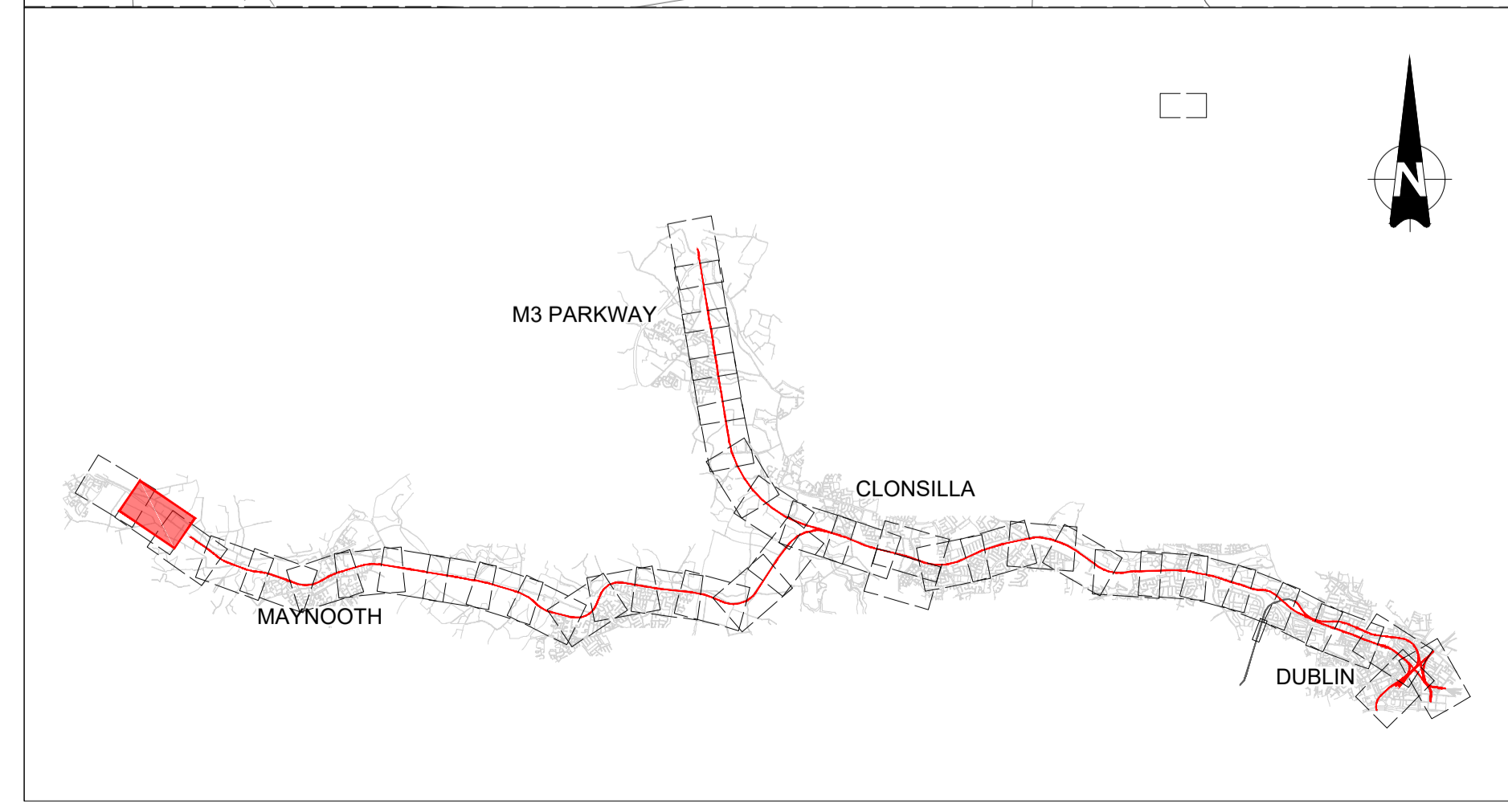
Date: April 2022 Job No: P1101086 Status: F1-Approved & accepted Rev: V01 Sheet: 39 of 42





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**LEGEND**

|  |   |  |  |
|--|---|--|--|
|  | PROPOSED OVERBRIDGE / UNDERBRIDGE         |  | EXISTING RAILWAY                                 |
|  | RECONSTRUCTED OVERBRIDGE / UNDERBRIDGE    |  | NEW TRACK & ELECTRIFICATION                      |
|  | OVERBRIDGE / UNDERBRIDGE TO BE DEMOLISHED |  | PROPOSED RAILWAY ELECTRIFICATION                 |
|  | PERMANENT COMPOUND                        |  | PROPOSED TRACK ALIG. MODIF. & ELECTRIFICATION    |
|  | CONSTRUCTION COMPOUND                     |  | PROPOSED TRACK ALIG. MODIF. NOT ELECTRIFIED      |
|  | 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: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022 Job No: P1101086 Status: F1-Approved & accepted Rev: V01 Sheet: 40 of 42

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| V01  | April 2022 | PLANNING ISSUE |     |     |     |

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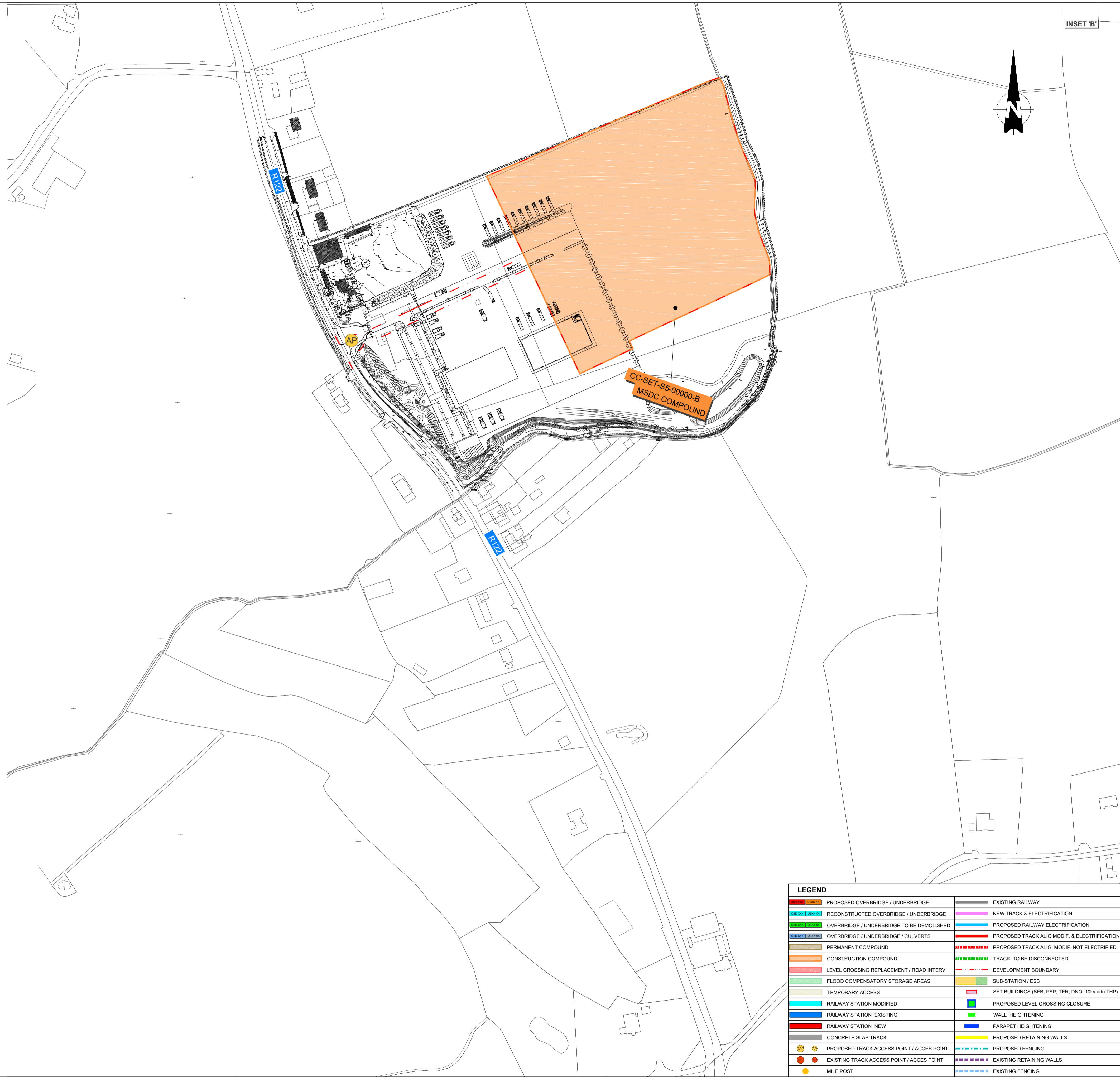
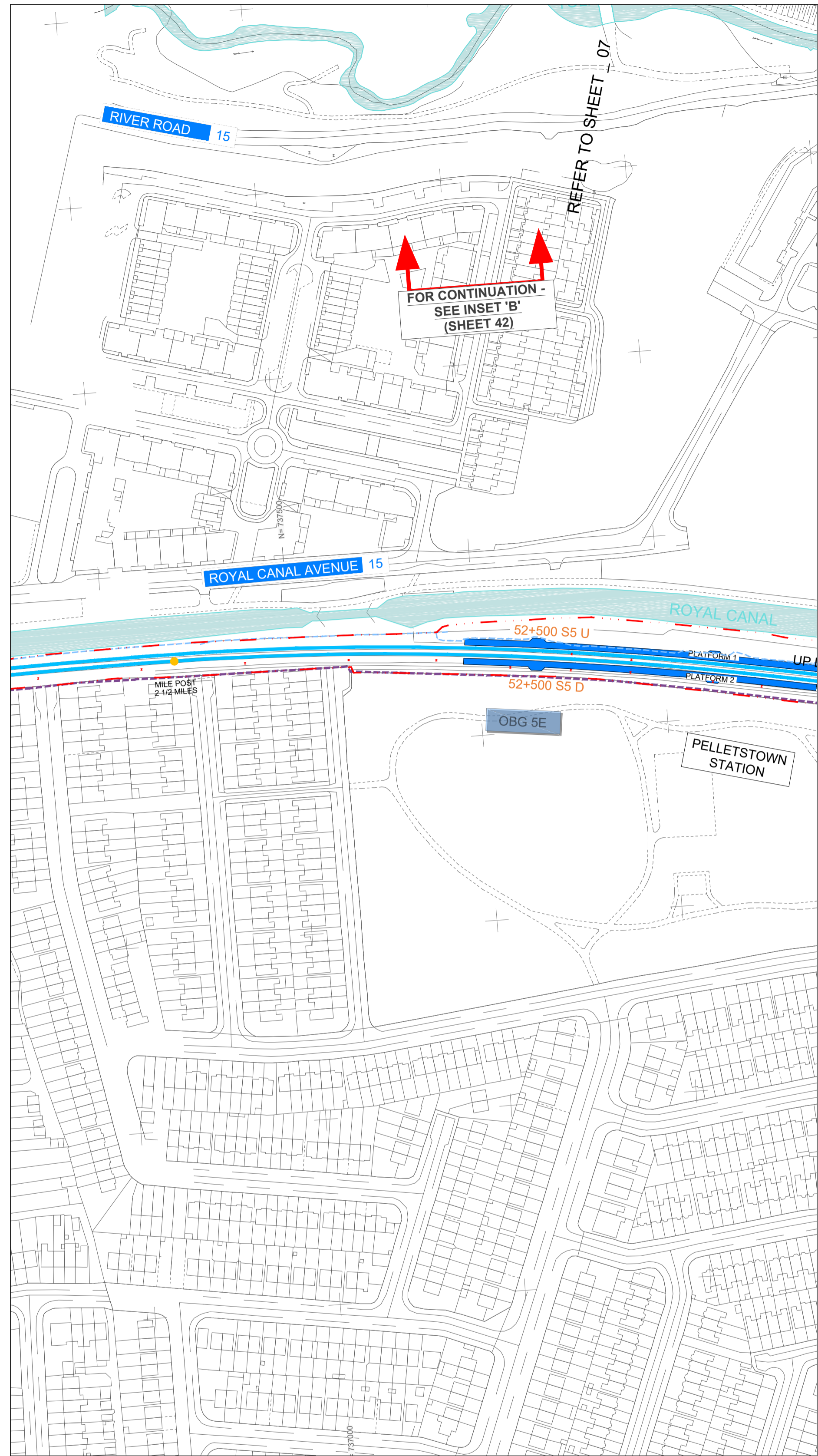
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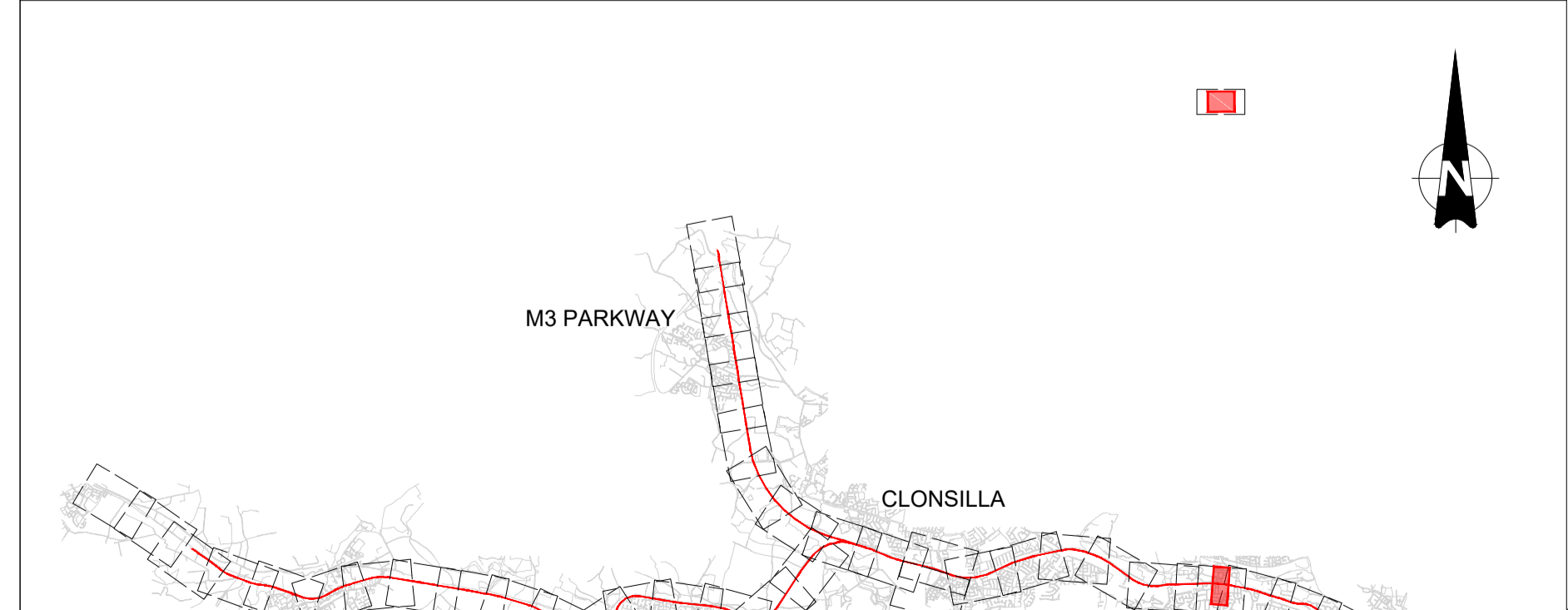
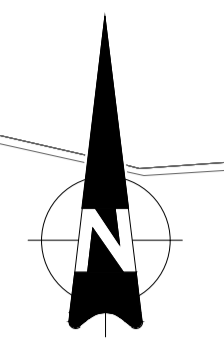








INSET 'B'



| 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                                 |

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Client

Consultant

Project

Drawing Title: GENERAL DESIGN PROJECT SCHEMATIC LAYOUT

Scale: N/A @ A4

Drawing Number: MAY MDC GEN ROUT DR Z 0003 D

Date: April 2022

Job No: P1101086

Status: F1-Approved & accepted

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