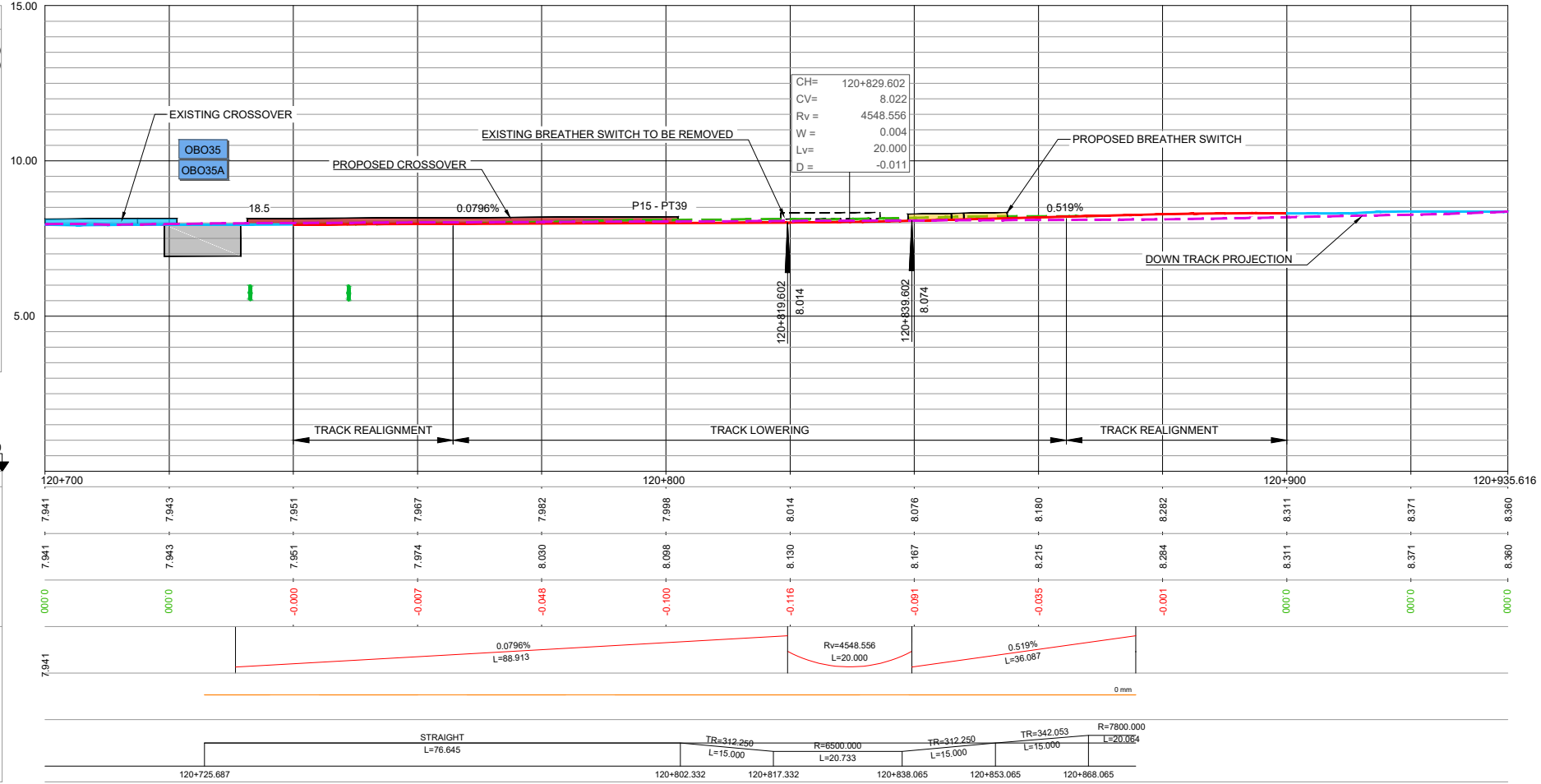


ALIGNMENT LEGEND

10+200 10+000 SXX	MILES POST		EXISTING P&C		PROPOSED TRAP POINT		TRAP POINT TO BE REMOVED	STRUCTURES		EXISTING UNDERBRIDGE		WALLS AND FENCES		EXISTING UTILITIES	OTHER		
	ACCUMULATIVE STATION POINTS		PROPOSED P&C		PROPOSED BREATHER SWITCH		BREATHER SWITCH TO BE REMOVED		EXISTING OVERBRIDGE		PROPOSED UNDERBRIDGE		EXISTING FENCES		WATER MAIN/GRAVITY FOUL		TRACK LOWERING STRETCH
	RAIL CENTERLINES AND TRACKS		P&C TO BE REMOVED		EXISTING TRAP POINT		FOULING POINT		OVERBRIDGE REBUILD/LIFTING		EXISTING STATIONS		PROPOSED FENCES		ELECTRICAL SERVICES OH/UG		TRACK REALIGNMENT STRETCH
	JUNCTIONS		BUFFER STOP		EXISTING BREATHER SWITCH		EXISTING TGA		OVERBRIDGE/LC TO BE REMOVED		STATION		EXISTING/PROPOSED WALLS		GAS SERVICES		ESTIMATED O/PW FLOODING AREAS
									PROPOSED OVERBRIDGE/LC								

LAYOUT PLAN S9 - NEW CROSSOVER - UP TRACK

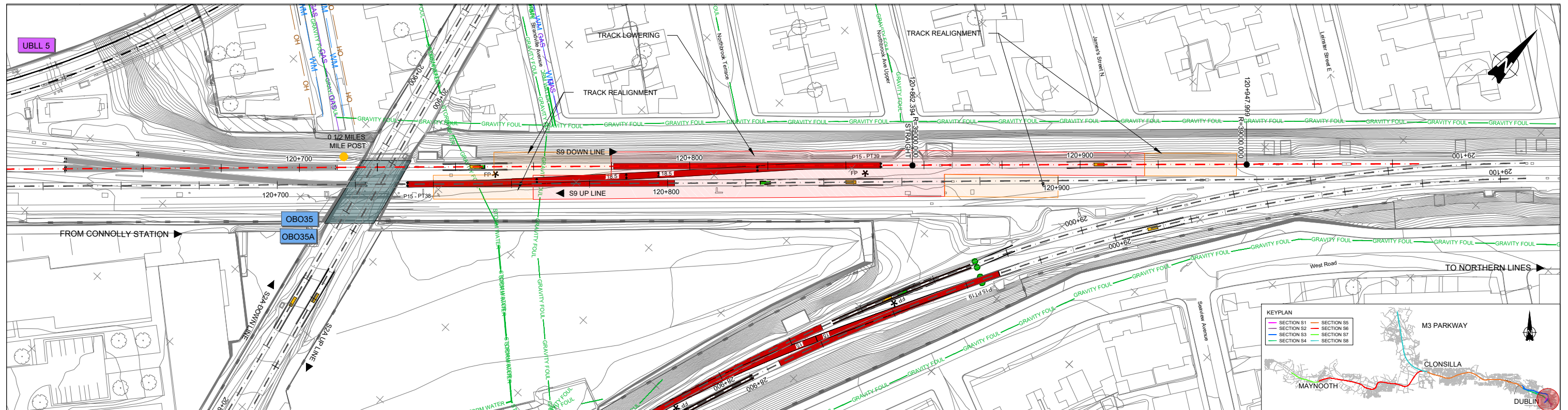
- PROFILES LEGEND**
- T.O.R. Design
 - Running Lines (no intervention)
 - Existing siding (no intervention)
 - Existing T.O.R. to be modified
 - Parallel Track Projection
 - Ground Level
 - Royal Canal
 - Overbridges
 - Station Platforms
 - Slab Track
 - Bottom Slab
 - Slab Track Transition
 - Existing Crossover/Turnout
 - Removed Crossover/Turnout
 - Proposed Crossover/Turnout
 - Proposed Trap point
 - Proposed Breather switch
 - Electrical Services OH
 - Electrical Services LV UG
 - Gas Services
 - IW Water Main
 - IW Water foul
 - Telecom Services



NOTES
 2. A VERIFICATION OF THE DEPTH OF THE EXISTING SERVICES CROSSING THE LINE AND THE RELATED PROTECTION/DIVERSION ACTIONS IS PENDING. SERVICES IN THE LONG SECTION ARE SHOWN INDICATIVELY WITH REASONABLE ACCURACY IN THEIR HORIZONTAL LOCATION. THE VERTICAL DEPTH IS INDICATIVE AND ONLY CLEARLY SPECIFIED WHEN AVAILABLE.

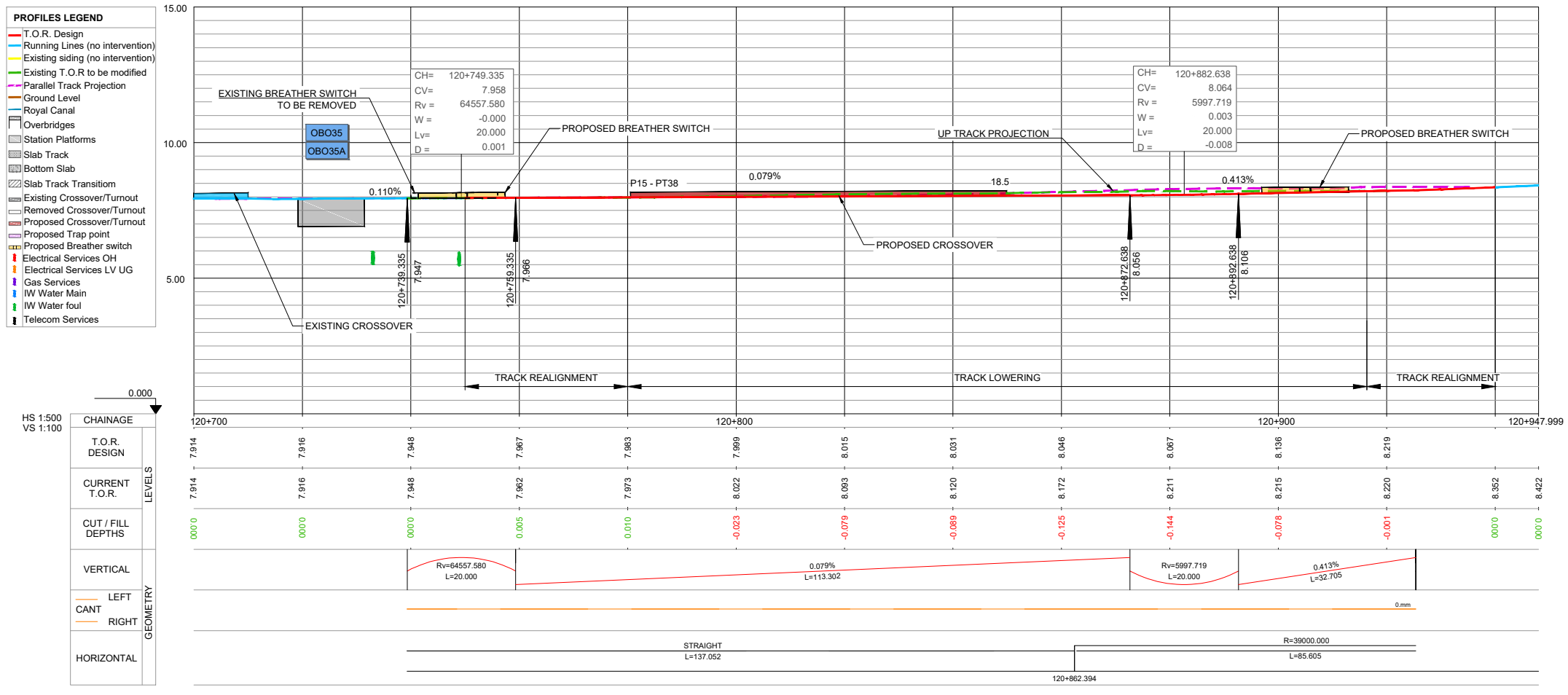
LONGITUDINAL PROFILE S9 - NEW CROSSOVER. UP TRACK

Client			Project			Drawing Title	PERMANENT WAY DESIGN CONNOLLY ALIGNMENT AND PROFILES CONNOLLY P15-18.5 NEW CROSSOVER - UP TRACK	
Consultant						Scale:	1:500 @ A1-XL 1:1000 @ A3 	
V01 April 2022 PLANNING ISSUE REV. DATE DESCRIPTION	SDR	MRI	CCH	Drawing Number Project Originator Discipline Location Type Number Phase MAY MDC TRK SC00 DR C 0002 D	Date:	Job No: P/101086	Status: F1-Approved & accepted	Rev: V01
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ALIGNMENT LEGEND			STRUCTURES			WALLS AND FENCES			EXISTING UTILITIES		OTHER	
●	MILES POST	EXISTING P&C	—	PROPOSED TRAP POINT	—	EXISTING OVERBRIDGE	—	EXISTING UNDERBRIDGE	—	WATER MAIN/GRAVITY FOUL	—	TRACK LOWERING STRETCH
—	ACCUMULATIVE STATION POINTS	—	—	PROPOSED BREATHING SWITCH	—	—	—	PROPOSED UNDERBRIDGE	—	—	—	TRACK REALIGNMENT STRETCH
—	RAIL CENTERLINES AND TRACKS	—	—	EXISTING TRAP POINT	—	—	—	EXISTING/PROPOSED WALLS	—	—	—	ESTIMATED OPW FLOODING AREAS
—	JUNCTIONS	—	—	EXISTING BREATHING SWITCH	—	—	—	SLAB TRACK/SLAB TRACK TRANSITION	—	—	—	

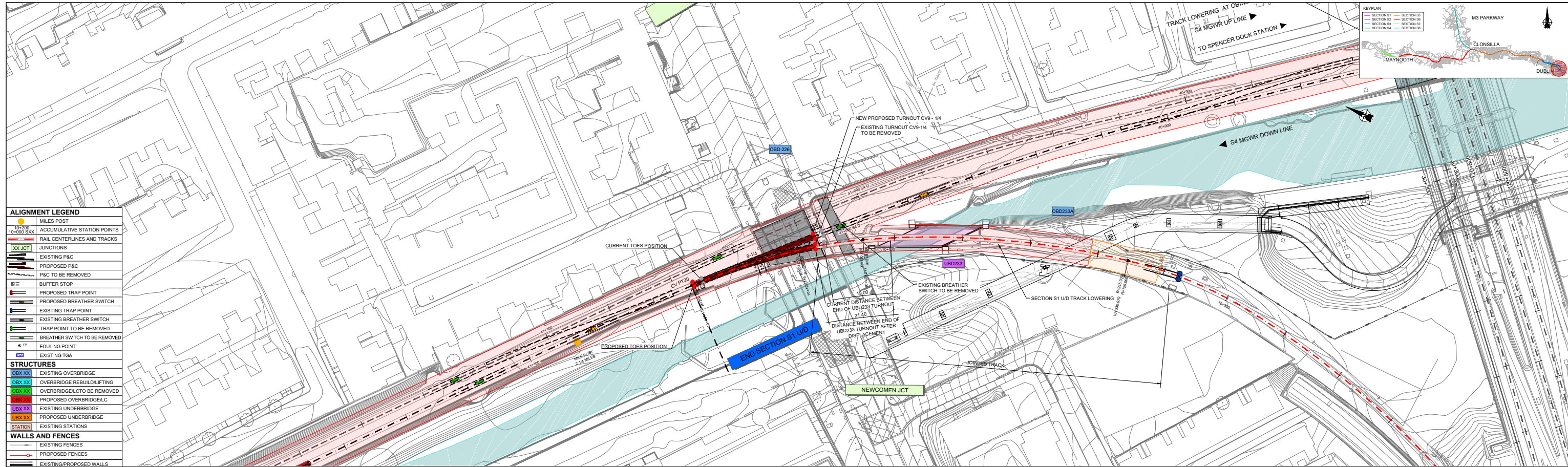
LAYOUT PLAN S9 - NEW CROSSOVER - DOWN TRACK



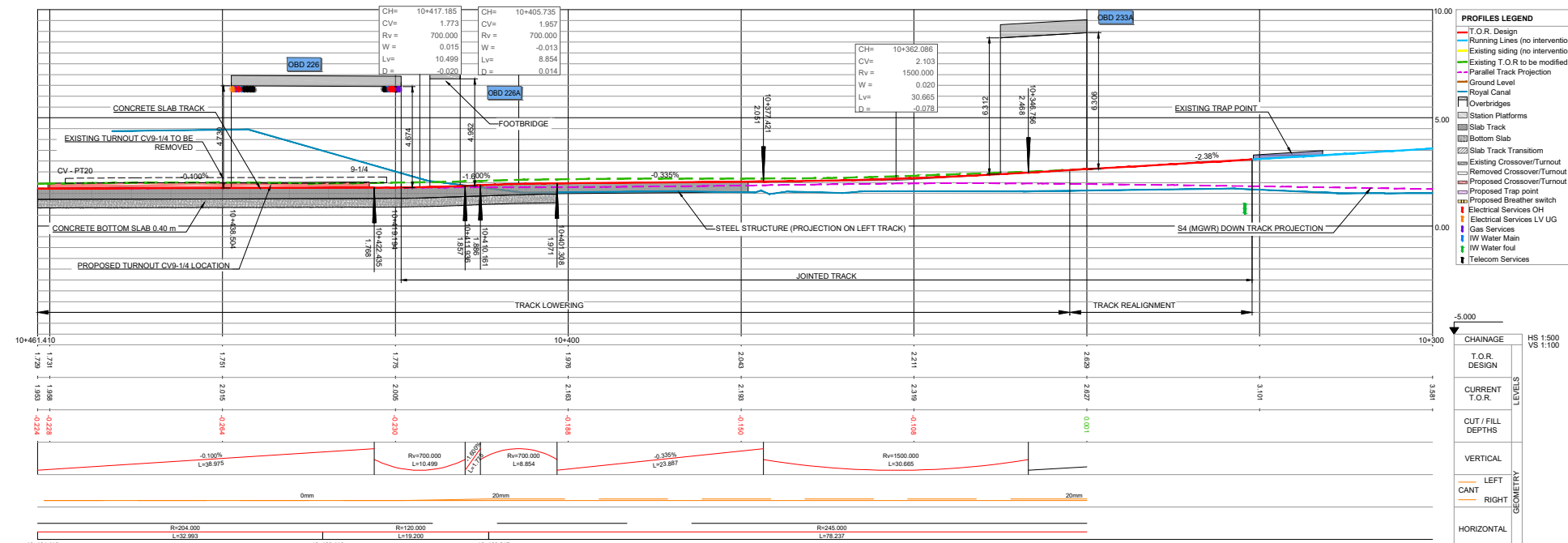
NOTES
 2. A VERIFICATION OF THE DEPTH OF THE EXISTING SERVICES CROSSING THE LINE AND THE RELATED PROTECTION/DIVERSION ACTIONS IS PENDING. SERVICES IN THE LONG SECTION ARE SHOWN INDICATIVELY WITH REASONABLE ACCURACY IN THEIR HORIZONTAL LOCATION. THE VERTICAL DEPTH IS INDICATIVE AND ONLY CLEARLY SPECIFIED WHEN AVAILABLE.

LONGITUDINAL PROFILE S9 - NEW CROSSOVER. DOWN TRACK

V01 April 2022 PLANNING ISSUE REV. DATE DESCRIPTION			SDR MRI CCH PRODUCED BY REVIEWED BY APPROVED BY			Client 			Project 			Drawing Title PERMANENT WAY DESIGN CONNOLLY ALIGNMENT AND PROFILES CONNOLLY P15-18.5 NEW CROSSOVER - DOWN TRACK								
Consultant 						Scale: 1:500 @ A1-XL 1:1000 @ A3 			Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC TRK SC09 DR C 0002 D											
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LAYOUT PLAN - S1 (NEWCOMEN CHORD) TRACK LOWERING



LONGITUDINAL PROFILES - S1 (NEWCOMEN CHORD) TRACK LOWERING

NOTES
 2. A VERIFICATION OF THE DEPTH OF THE EXISTING SERVICES CROSSING THE LINE AND THE RELATED PROTECTION/DIVERSION ACTIONS IS PENDING. SERVICES IN THE LONG SECTION ARE SHOWN INDICATIVELY WITH REASONABLE ACCURACY IN THEIR HORIZONTAL LOCATION. THE VERTICAL DEPTH IS INDICATIVE AND ONLY CLEARLY SPECIFIED WHEN AVAILABLE.

REV.	DATE	DESCRIPTION	SDR	MRI	CCH
V01	April 2022	PLANNING ISSUE			

PRODUCED BY: [Signature]
 REVIEWED BY: [Signature]

Client: **2040** (The National Transport Authority), **Irish Rail** (Iarnród Éireann)

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

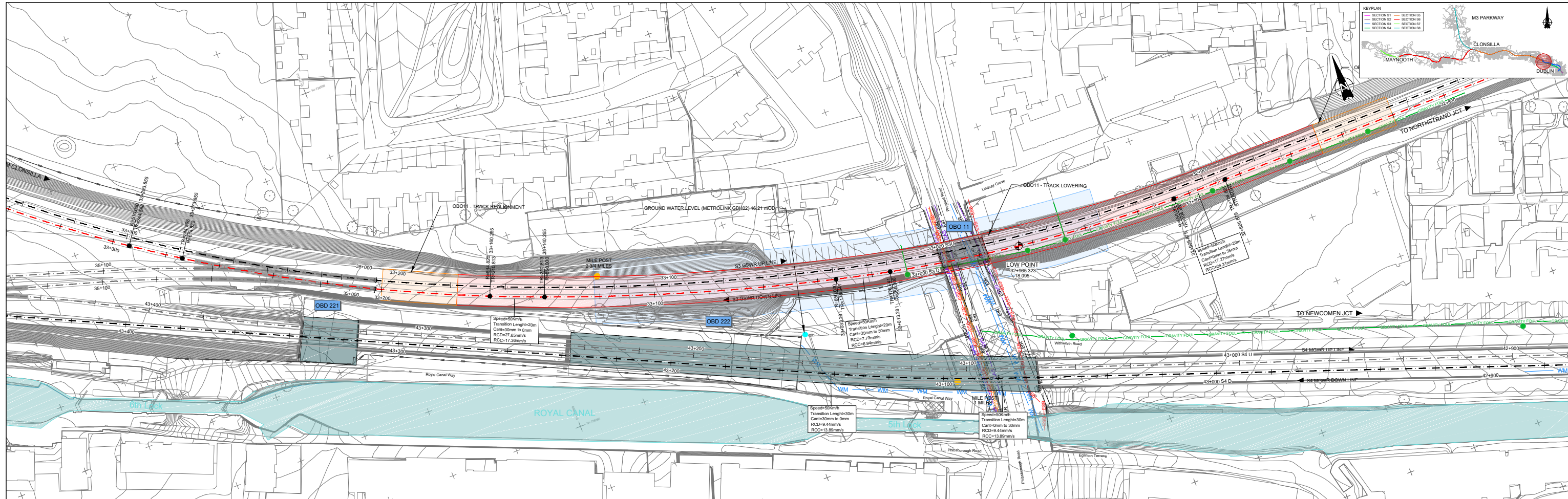
Project: **DART+ West**

Drawing Title: **PERMANENT WAY DESIGN NEWCOMEN CHORD ALIGNMENT AND PROFILES UBD233 - NEWCOMEN CHORD TRACK LOWERING**

Scale: 1:250 @ A1-XL, 1:500 @ A3

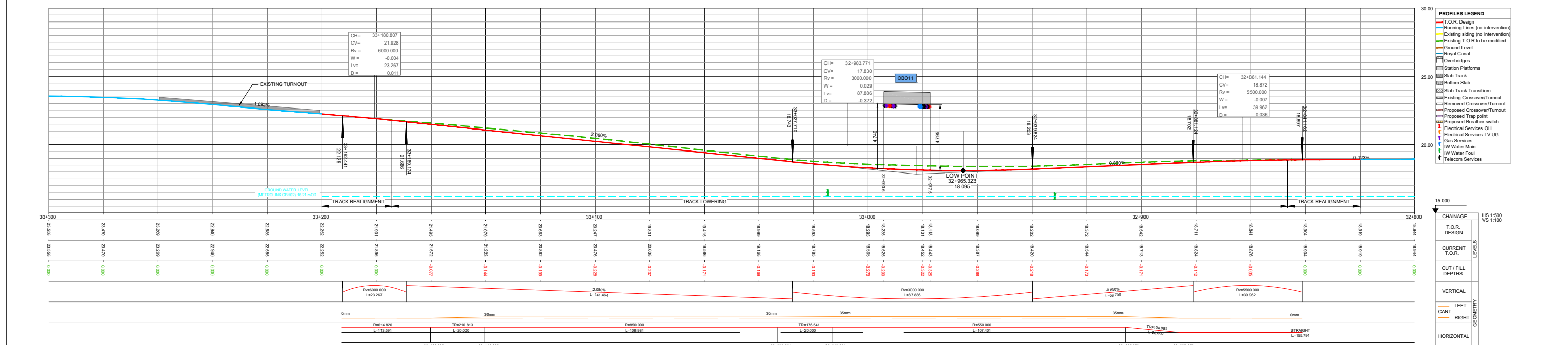
Drawing Number: **MAY MDC TRK SC01 DR C 0002 D**

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



LAYOUT PLAN S3 (GSRW) - TRACK LOWERING AT OBO11

ALIGNMENT LEGEND		EXISTING P&C		PROPOSED TRAP POINT		STRUCTURES		WALLS AND FENCES		EXISTING UTILITIES		OTHER	
10+000 33xx	MILES POST	---	EXISTING P&C	---	PROPOSED TRAP POINT	OBX XX	EXISTING OVERBRIDGE	---	EXISTING FENCES	---	WATER MAIN/GRAVITY FOUL	---	TRACK LOWERING STRETCH
---	ACCUMULATIVE STATION POINTS	---	PROPOSED P&C	---	PROPOSED BREATHING SWITCH	UBX XX	OVERBRIDGE REBUILDING	---	PROPOSED FENCES	---	ELECTRICAL SERVICES OHUG	---	TRACK REALIGNMENT STRETCH
---	RAIL CENTERLINES AND TRACKS	---	P&C TO BE REMOVED	---	EXISTING TRAP POINT	OBX XX	OVERBRIDGE/CTO TO BE REMOVED	---	EXISTING/PROPOSED WALLS	---	GAS SERVICES	---	ESTIMATED OPW FLOODING AREAS
XX JCT	JUNCTIONS	---	BUFFER STOP	---	EXISTING BREATHING SWITCH	OBX XX	PROPOSED OVERBRIDGE/CTO	---	SLAB TRACK/SLAB TRACK TRANSITION	---	TELECOMMUNICATION SERVICES	---	



LONGITUDINAL PROFILE S3 (GSRW) - TRACK LOWERING AT OBO11

NOTES

- DRAWING ALIGNMENT CHECK REPRESENTS THE TRACK LOWERING FOR BOTH TRACKS. HOWEVER, FOR THIS STAGE OF THE DESIGN, ONLY THE DOWN ALIGNMENT HAS BEEN PRODUCED FOR MOST TRACKS, AND THE UP ALIGNMENT WILL BE PROVIDED AT A LATER STAGE. IN OTHER CASES, DUE TO THE OVERLAP BETWEEN TRACKS THE PROJECTED TRACK IS NOT ALWAYS VISIBLE IN THE LONGITUDINAL PROFILES.
- A VERIFICATION OF THE DEPTH OF THE EXISTING SERVICES CROSSING THE LINE AND THE RELATED PROTECTION/INVERSION ACTIONS IS PENDING. SERVICES IN THE LONG SECTION ARE SHOWN INDICATIVELY WITH REASONABLE ACCURACY IN THEIR HORIZONTAL LOCATION. THE VERTICAL DEPTH IS INDICATIVE AND ONLY CLEARLY SPECIFIED WHEN AVAILABLE.

REV.	DATE	DESCRIPTION	SDR	MRI	CCH
V01	April 2022	PLANNING ISSUE			
PRODUCED BY: [Signature]					
APPROVED BY: [Signature]					

Client: **2040** (The National Transport Authority)

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

Project: **Irish Rail**

Drawing Title: **PERMANENT WAY DESIGN SPENCER DOCK TO GLASNEVIN JUNCTION (GSRW) OBO11 TRACK LOWERING**

Scale: 1:500 @ A1-XL, 1:1000 @ A3

Drawing Number: **1**

Date: **April 2022**

Job No: **P101086**

Status: **F1-Approved & accepted**

Rev: **V01**

Sheet: **01 of 01**