

CROSS SECTION

PROPOSED ELEMENTS - EXISTING ELEMENTS TO BE RETAINED

 EXISTING ELEMENTS TO BE REMOVED - .- • IÉ PROPERTY BOUNDARY

PRESTRESSED CONCRETE SLEEPER VIGNOL RAIL 54E1

1

COMBINED WALKWAY / CABLE MANAGEMENT SYSTEM

EL= EXISTING LEVEL (ELEVATION)

PL= PROPOSED LEVEL (ELEVATION)

C= RADIUS

STR= STRAIGHT LINE

- CHAINAGES, LEVELS AND COORDINATES ARE SHOWN IN METRES. ALL OTHER DIMENSIONS ARE SHOWN IN MILLIMETRES, UNLESS OTHERWISE STATED. ALL CLEARANCE AND SIX-FOOT INTERVALS ARE QUOTED TO RUNNING EDGES (RE).
- 2. THIS DESIGN IS BASED UPON A TOPOGRAPHICAL SURVEY DATED SEPTEMBER 2021, COMPLETED BY MURPHY GEOSPATIAL LTD.
- 3. CHAINAGE DATUM 9+906.707 IS LOCATED IN THE DOWN SLOW LINE AT 1 MILEPOST (CORK LINE). DOWN LINE CHAINAGE DATUM IS SHOWN ON THIS DRAWING.
- 4. NEGATIVE SLUES ARE TO THE LEFT. POSITIVE SLUES ARE TO THE RIGHT. CANT SHOWN AS POSITIVE THROUGHOUT, EXCEPT WHERE ADVERSE TO THE DIRECTION OF CURVATURE, ALL IN THE DIRECTION OF INCREASING CHAINAGE.
- 5. TRACK GAUGE TO BE NOMINAL 1602MM FOR PLAIN LINE AND 1600MM FOR P&C.
- 6. RADII QUOTED ARE FROM TRACK CENTRELINE, UNLESS
- 7. RAIL LEVELS ARE QUOTED FOR THE LOW RAIL.
- 8. REFER TO INDIVIDUAL ENGINEERING DISCIPLINES' DESIGN SUBMISSION FOR THEIR RESPECTIVE DETAILS.
- 9. REFER TO TRACK PLAN LAYOUT AND LONGITUDINAL PROFILE DRAWINGS FOR FURTHER DETAILS.
- 10. MINIMUM DEPTH OF BALLAST (WHERE SHOWN) TO BE 300mm BENEATH SLEEPER IN ACCORDANCE WITH PROPOSED TRACK CATEGORY 1 REQUIREMENTS.
- 11. THE DRAINAGE SHOWN IS BASED ON PRELIMINARY DESIGN.
- 12. CLEARANCES ASSESSED USING IRL2A ON SLOW & BRANCH LINES, IRL1 ON FAST LINES.

VIEW FROM GLASNEVIN JUNCTION TO HEUSTON STATION

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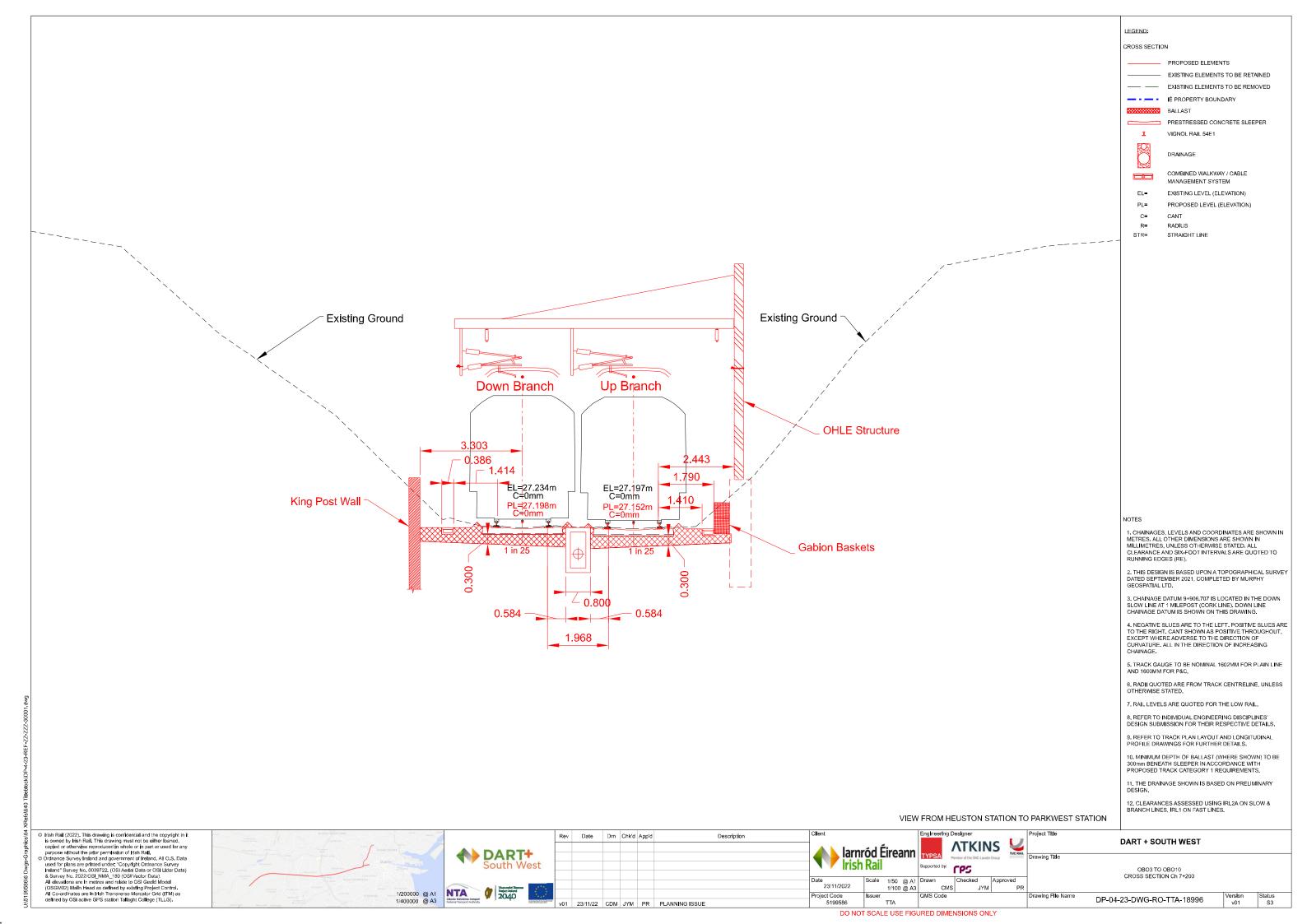
ATKINS Drawing File Name

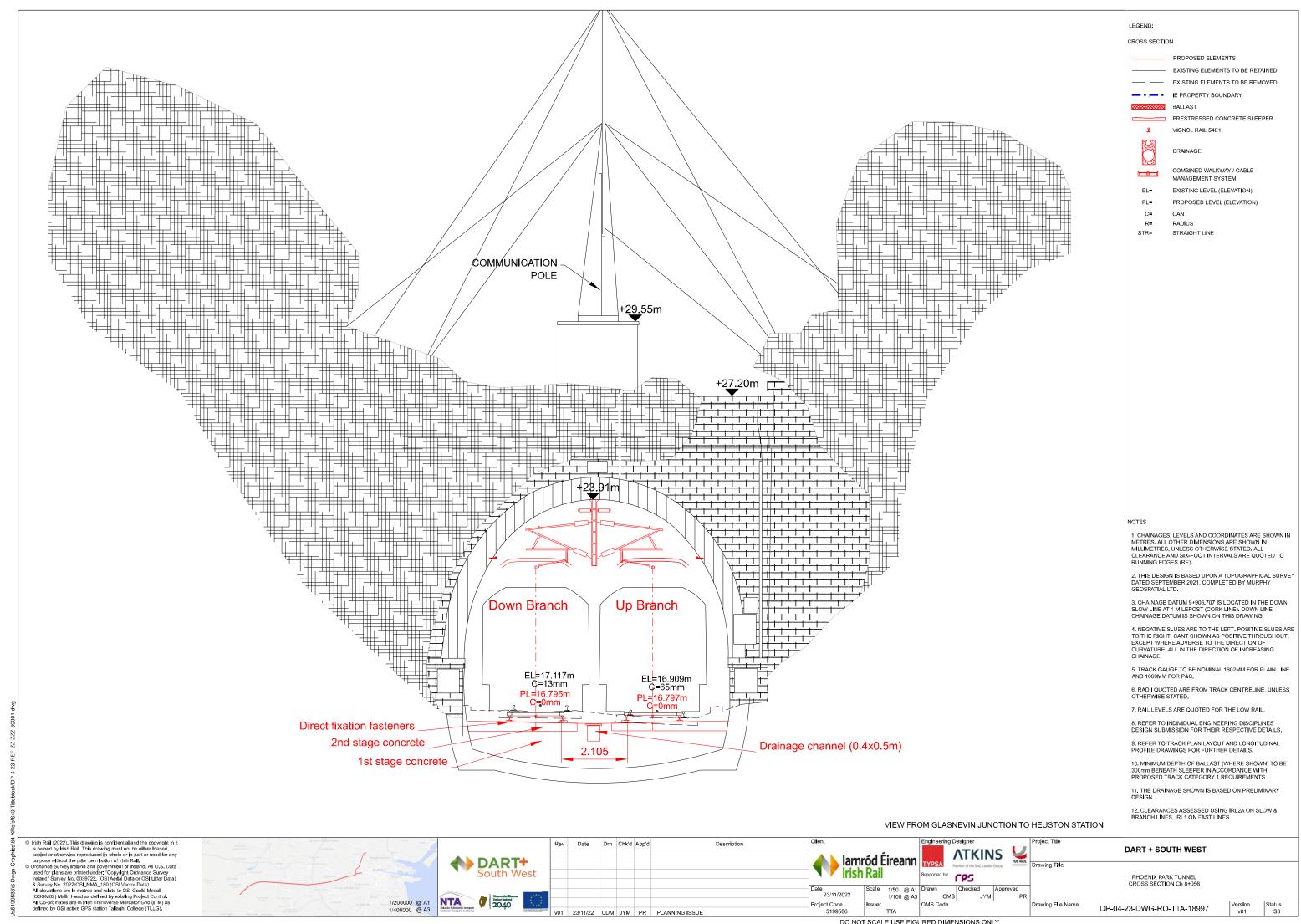
DART + SOUTH WEST

CONYNGHAM ROAD (OBO2) CROSS SECTION Ch 8+771

DP-04-23-DWG-RO-TTA-19002

DO NOT SCALE USE FIGURED DIMENSIONS ONLY





CROSS SECTION

 PROPOSED ELEMENTS EXISTING ELEMENTS TO BE RETAINED

---- EXISTING ELEMENTS TO BE REMOVED __ • .— • IÉ PROPERTY BOUNDARY

PRESTRESSED CONCRETE SLEEPER VIGNOL RAIL 54E1

1

COMBINED WALKWAY / CABLE MANAGEMENT SYSTEM

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PROPOSED LEVEL (ELEVATION) PL=

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STR= STRAIGHT LINE

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- 5. TRACK GAUGE TO BE NOMINAL 1602MM FOR PLAIN LINE AND 1600MM FOR P&C.
- 6. RADII QUOTED ARE FROM TRACK CENTRELINE, UNLESS
- 7. RAIL LEVELS ARE QUOTED FOR THE LOW RAIL.
- 8. REFER TO INDIVIDUAL ENGINEERING DISCIPLINES' DESIGN SUBMISSION FOR THEIR RESPECTIVE DETAILS.
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- 12. CLEARANCES ASSESSED USING IRL2A ON SLOW & BRANCH LINES, IRL1 ON FAST LINES.

VIEW FROM GLASNEVIN JUNCTION TO HEUSTON STATION

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DART+ South West				
NTA Odarás Nálskieta Iompair	ġ,	Thousand Stema Poject Inford 2040	0	





ATKINS LUCRAL Drawing File Name

DART + SOUTH WEST

PHOENIX PARK TUNNEL CROSS SECTION Ch 8+205

CROSS SECTION

 PROPOSED ELEMENTS EXISTING ELEMENTS TO BE RETAINED

---- EXISTING ELEMENTS TO BE REMOVED

__ • .— • IÉ PROPERTY BOUNDARY

PRESTRESSED CONCRETE SLEEPER

VIGNOL RAIL 54E1

COMBINED WALKWAY / CABLE MANAGEMENT SYSTEM

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PROPOSED LEVEL (ELEVATION) PL=

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VIEW FROM GLASNEVIN JUNCTION TO HEUSTON STATION

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DART+ South West			
NTA	ġr	Thousands Barron Project Indeed 2040	0





ATKINS Drawing File Name

DART + SOUTH WEST

PHOENIX PARK TUNNEL CROSS SECTION Ch 8+503

DP-04-23-DWG-RO-TTA-18999

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

CROSS SECTION

 PROPOSED ELEMENTS EXISTING ELEMENTS TO BE RETAINED

---- EXISTING ELEMENTS TO BE REMOVED __ • .— • IÉ PROPERTY BOUNDARY

PRESTRESSED CONCRETE SLEEPER VIGNOL RAIL 54E1

COMBINED WALKWAY / CABLE MANAGEMENT SYSTEM

EL= EXISTING LEVEL (ELEVATION)

PROPOSED LEVEL (ELEVATION) PL=

C= RADIUS STR= STRAIGHT LINE

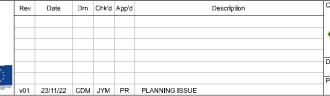
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VIEW FROM GLASNEVIN JUNCTION TO HEUSTON STATION

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	DART+ South West		
1/200000 @ A1 1/400000 @ A3	NTA Older is Ablisiona tompoly Autorol Transport Authority Theoretical Filmman Project Indused 2040 Clark to Ablisional tompoly Authority Transport Clark to Authority Clark to Author		





ATKINS VILLE RAIL Supported by: CP5 Checked Drawing File Name

DART + SOUTH WEST

PHOENIX PARK TUNNEL CROSS SECTION Ch 8+627

DP-04-23-DWG-RO-TTA-19000

CROSS SECTION

 PROPOSED ELEMENTS EXISTING ELEMENTS TO BE RETAINED

---- EXISTING ELEMENTS TO BE REMOVED __ • .— • IÉ PROPERTY BOUNDARY

PRESTRESSED CONCRETE SLEEPER

1 VIGNOL RAIL 54E1

DRAINAGE

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*	DART- South We	T+ West	
NTA Odarás Náisiúnta Iompair	Thousands Bianno Project Indust 2040	()	

Date Drn Chk'd App'd Description v01 23/11/22 CDM JYM PR PLANNING ISSUE



ATKINS VIUC RAIL S Checked Approved PR Drawing File Name

DART + SOUTH WEST

PHOENIX PARK TUNNEL CROSS SECTION Ch 8+727

DP-04-23-DWG-RO-TTA-19001

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