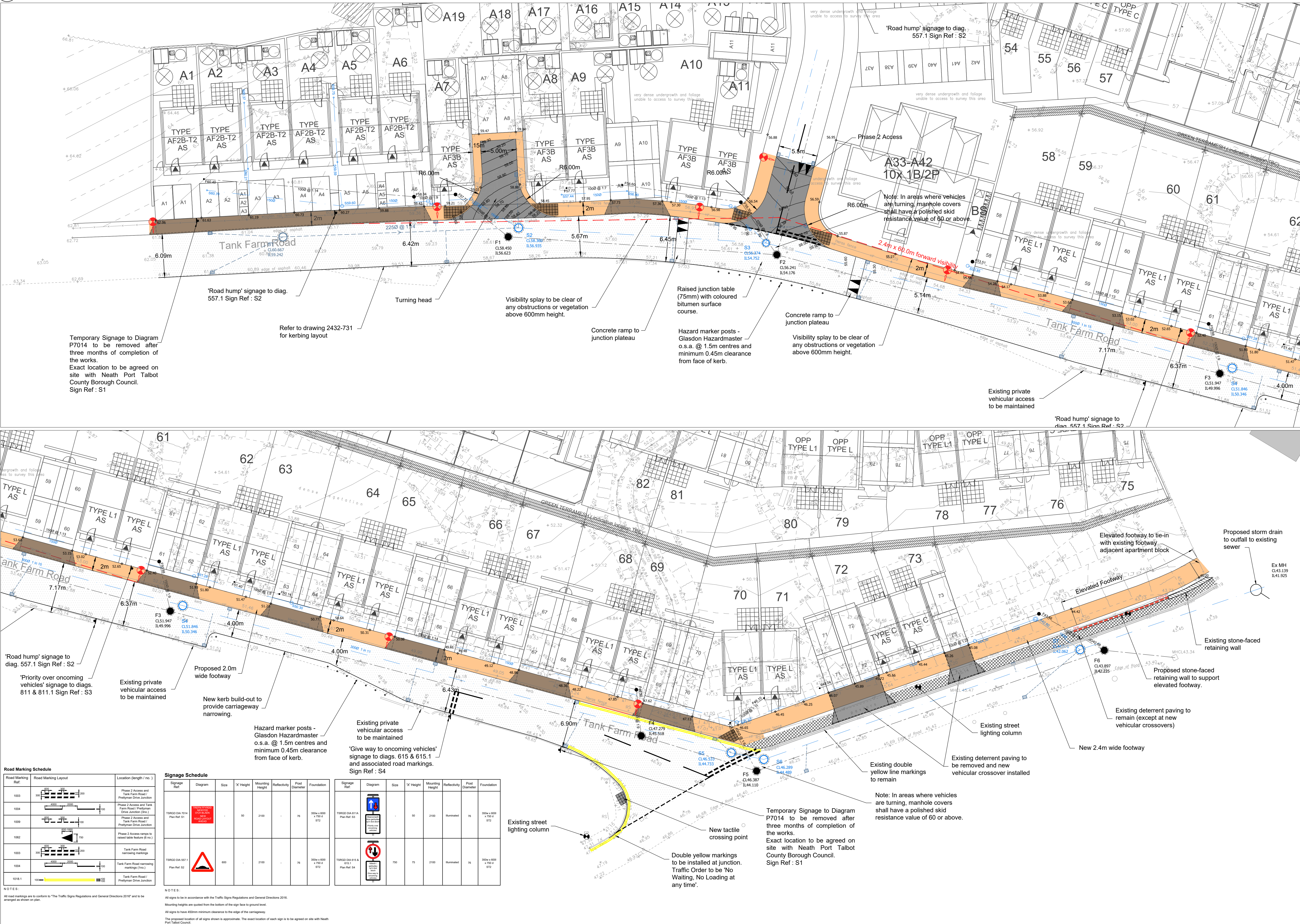
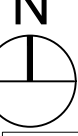




Road Marking Ref	Road Marking Layout	Location (length / no.)
1003		Phase 2 Access and Tank Farm Road Footway Drive Junction
1004		Phase 2 Access and Tank Farm Road Footway Drive Junction
1009		Phase 2 Access and Tank Farm Road Footway Drive Junction
1062		Phase 2 Access ramps to meet Sella Street (S104)
1063		Tank Farm Road Footway Drive Junction
1064		Tank Farm Road Footway Drive Junction
1018.1		Tank Farm Road Footway Drive Junction

Signage Ref	Diagram	Size	X Height	Mounting Height	Reflectivity	Post Diameter	Foundation
TSR02 DIA 7014 Plan Ref: S1		300	50	2100	75	300 x 600 x 700	ST2
TSR02 DIA 907.1 Plan Ref: S2		600	100	2100	75	300 x 600 x 700	ST2

Signage Ref	Diagram	Size	X Height	Mounting Height	Reflectivity	Post Diameter	Foundation
TSR02 DIA 811A Plan Ref: S3		300	50	2100	75	300 x 600 x 700	ST2
TSR02 DIA 811A & 812.1 Plan Ref: S4		700	75	2100	75	300 x 600 x 700	ST2

GENERAL NOTES:-

- All dimensions shall be in millimetres unless otherwise stated.
- This drawing should be read in conjunction with all other relevant Engineering, Architectural, Landscaping details, drawings and specifications and all relevant Standard Engineering details.
- Prior to the commencement of construction works, existing and proposed levels and dimensions must be checked and confirmed on site. Any discrepancies or the presence of any services shall be verified through the appropriate Statutory Undertakers prior to commencing works.
- Prior to construction works commencing on Site, the locations and depths of all existing Statutory Undertakers and Highway Authority service equipment are to be checked and their locations confirmed. The removal, replacement, diversion, alterations of existing services / apparatus within the limits of the proposed works shall be undertaken by the contractor at no expense to Neath Port Talbot County Borough Council. All works shall be completed to the satisfaction of the relevant Statutory Undertakers in accordance with their specifications / requirements.
- The Contractor must at no expense to NPT Council, after the level or location of any existing Statutory Undertakers or Highway Authority apparatus e.g. chambers, covers and frames etc required to construct the proposed works.
- Should the Highway Authority's representative decide following investigations during the course of the works that the existing Site conditions or existing infrastructure and associated services does not meet the required standards / specifications or is damaged, the contractor will be required, at no expense to NPT Council, to substitute all related details with replacement details meeting minimum standards / specifications required by Neath Port Talbot County Borough Council as the Highway Authority.
- All works shall be carried out in accordance with the approved drawings and specifications to the satisfaction of the Highway Authority.
- All Temporary Traffic Management shall fully comply with the Traffic Signs Manual, Chapter 8 - 2006.
- All temporary and permanent traffic signs shall comply with the Traffic Signs Regulations and General Directions 2016 and accompanying documents where applicable - Chapter 3 of the Traffic Signs Manual - Regulatory Signs 1986, Chapter 4 of the Traffic Signs Manual - Warning Signs 2004 and Chapter 7 of the Traffic Signs Manual - The Design of Traffic Signs.
- All proposed new lengths of footway shall have a minimum width of 2m unless otherwise stated, a cross fall of 1:40 towards the carriageway incorporating a kerb upstand of 125mm which shall be constructed in accordance with NPT Councils standard details / specifications for adoption.
- All works associated with highway drainage and service ducts not forming part of the S104 Agreement with DCWW shall comply with the current revisions of Series 500 of the Manual of Contract Documents for Highway Works and Neath Port Talbot's Standard Details / Specifications for adoption.
- The bedding and surround of all gully connecting pipes within the area of carriageway, footway and verges shall be Type Z (Encased in concrete, grade ST4 C16 / 20) unless otherwise agreed in writing by the Highway Authority's representative.
- All gully connections shall not be less than 150mm in diameter.
- All existing and newly installed highway / surface water drainage systems (gullies / manholes / catchpits and carrier drains) within the area of works identified within the Site Location / Land Dedication Plan shall be mechanically cleaned following resurfacing works.
- All Road Gully pots shall be precast concrete trapped Gullies conforming to BS5911 - Part 6: 2004 with a 150mm diameter pipe outlet bedded and surrounded on grade ST4 C16 / 20 concrete, minimum depth 150mm. To be read in conjunction with drawing number 2024-555-3.
- All road gully gratings and frames to be located within the area of highway shall be heavy duty ductile iron single piece non-rocking captive hinge of minimum grade D400 complying to BS EN 124-1994 & Section 508 of the Specification for Highway Works, amended November 2009 and shall carry a BSI Kitemark. To be read in conjunction with drawing number 2024-555-3.
- All manhole covers and frames to be located within the area of highway shall be heavy duty ductile iron single piece non-rocking captive hinge of minimum grade D400 complying to BS EN 124-1994 & Section 508 of the Specification for Highway Works, amended November 2009 and shall carry a BSI Kitemark and incorporate both an anti-skid surfacing configuration and a permanent non-rocking feature. To be read in conjunction with drawing number 2024-555-3.
- All manhole covers to be located within the limits of the carriageway shall be located and orientated to avoid the wheel tracking of all vehicles especially motor cycles.
- All redundant drainage runs / connections shall be grubbed up in a manner acceptable to the Highway Authority.
- All precast concrete kerbing, channels, edgings and quadrants shall comply with BS EN 1340-2003 and laid in accordance with BS 7533 Part 6:1999 unless otherwise instructed by the Highway Authority.
- All areas required for vision splays shall be clear of obstructions inclusive of planting / vegetation.

KEY:-

- Proposed storm water sewer and manhole
- Proposed foul water sewer and manhole
- Proposed highway gully and connection
- Existing street lighting column
- Proposed street lighting column (refer to Capita drawings for details)
- Proposed tactile crossing point
- Proposed Carriageway - S.38
- Proposed Footway - S.38
- Proposed Footway Crossover - S.38
- Extent of Tank Farm Road to be reconstructed to Adoptable Industrial Estate Road Specification - S.38
- Existing deterrent paving
- Proposed highway retaining wall (retained height indicated)

spring design

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