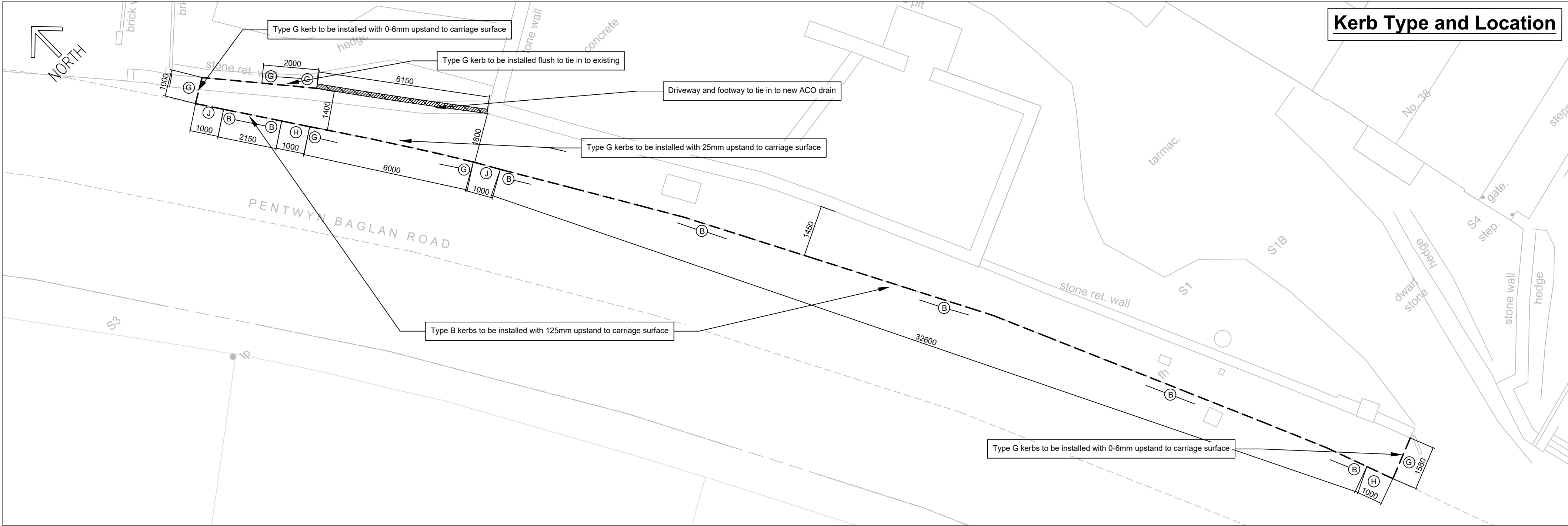
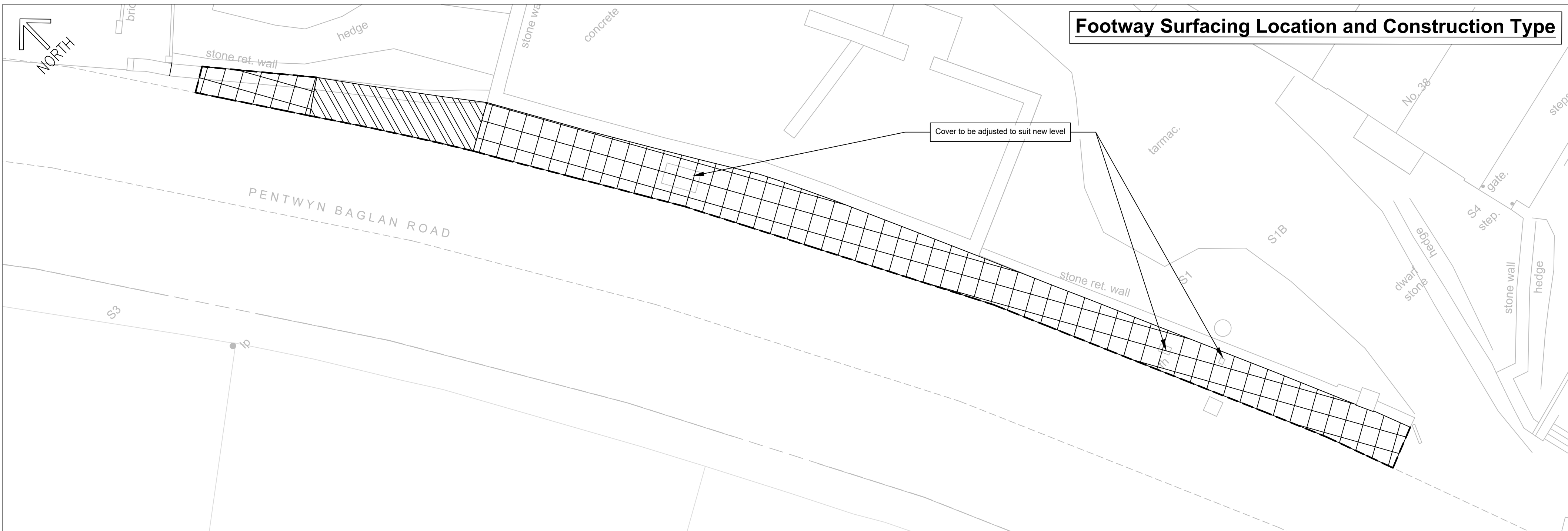




Key	
	New footway construction Type A1 to a depth of 230mm. Existing carriageway surface to be excavated approximately 105mm to achieve 125mm upstand for new kerb and footway construction. 20mm thick AC 6 med surf 160/220. Min PSV 55. To BS13108-1:2016 (Clause 909) Note - Blast furnace or Grit Stone Aggregate to be used 60mm thick AC 20 dense bin 100/150 to BS13108 (Clause 906) 150mm Sub-base Type 1 with weed control granules to BS13285 (Clause 803) Further details and notes available on D005
	New footway Type A2 construction to a depth of 230mm. Existing carriageway surface to be excavated approximately 105mm to achieve 125mm upstand for new kerb and footway construction. 20mm thick AC 6 med surf 160/220. Min PSV 55. To BS13108-1:2016 (Clause 909) Note - Blast furnace or Grit Stone Aggregate to be used 60mm thick AC 20 dense bin 100/150 to BS13108 (Clause 906) 150mm Sub-base Type 1 with weed control granules to BS13285 (Clause 803) Further details and notes available on D005
	New Pre-cast Concrete Kerbs - Kerb type as shown. To include saw cutting of existing carriageway to a depth of up to 200mm where required.
	Type B Kerbing - 125mm X 255mm Half Battered Kerb (HB2) laid with 125mm Upstand.
	Type G Kerbing - 125mm X 150mm Bullnose Kerb (BN) laid Flush with Carriageway or Max. 6mm Upstand, or 25mm upstand as indicated
	Type H Kerbing - 125mm X 255/150mm Half Battered Drop Kerb (DL1 - DropLeft1) - Transition Kerb
	Type J Kerbing - 125mm X 255/150mm Half Battered Drop Kerb (DR1 - DropRight1) - Transition Kerb

Footway and Kerbs
Notes:

- Existing covers to statutory undertakers apparatus to be raised or lowered to suit new footway levels
- Unless stated otherwise in the Contract, all kerbs, channels, edgings and quadrants shall comply with BS EN 1340:2003
- Mortar bed for kerb shall be Portland cement to table 24/1, designation (i) in Clause 2404 of the Specification for Highway Works; 10mm min. and 40mm max. thickness. (bed for kerb only)
- Kerbs, channels, edgings and quadrants shall be laid in accordance with BS7533-101:2021
- All standard concrete mixes to be in accordance with BS8500-2:2023 with 20mm nominal size aggregate
- All insitu concrete to be with sulphate resisting cement to BS EN 196
- Kerbing (including Kerb Drain Units, bus stop Access kerbs etc), shall include for the reinstatement of all adjacent areas as existing for a minimum of 500mm from kerb face, including paved areas and any special surfacing (including road humps) that may be present
- Crossfall of new footway is to be 1:30 (or to match existing or as agreed on site, to fall towards carriageway)
- All flexible surfacing, including footway to be machine laid
- All vertical surfacing joints to be saw cut and receive cold applied pitch prior to surfacing operations taking place
- Tie in new footway/pavement construction to existing construction where applicable.
- All horizontal surfaces to be tack coated prior to overlaying at a rate of spread of 0.3 to 0.5 litres/sq.m. with type A1-40/K1-40 bitumen emulsion.
- All Dimensions are given in mm unless otherwise stated
- Minimum cut length of kerb channel shall be 600mm, unless otherwise agreed with overseeing organisation
- All surfacing layers to have Tack Coat bond between layers
- If road wearing course and base course depth is found to be greater than 45mm and 95mm for respective footway construction, existing surface on formation to be perforated

Site Clearance and Excavation
Notes:

- All litter within the site boundary shall be removed, including stones, bricks, debris, paper, cans etc. not necessarily arising from the execution of the works.
- The whole area within the site boundary shall be left in a clean and tidy condition to the satisfaction of the Engineer at all times
- Vegetation, Trees and general overgrowth areas, identified for site clearance will require a bird nesting survey to be undertaken between the months of March to September, by an independent ecologist. Clearance works outside of these months can proceed without a nesting survey
- All existing Thermoplastic road markings identified on site for removal are to be removed via hydro jetting. Burning off of markings will not be permitted.
- Excavation work not to begin until statutory undertakers searches have been conducted and all apparatus identifies within excavation area
- Existing MH cover levels in footway and carriageway are to be adjusted to suit new finished wearing course.
- All excavated material to be taken to tip off site. No excavated material to remain stored on site

General Site
Notes:

- ALL WORKS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE NEATH PORT TALBOT COUNTY BOROUGH COUNCIL: SPECIFICATION FOR THE CONSTRUCTION OF ROADS FOR ADOPTION
- ALL WORKS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE NEATH PORT TALBOT HIGHWAY TECHNICAL GUIDE FOR RESIDENTIAL, COMMERCIAL & INDUSTRIAL DEVELOPMENTS

project 38 Pentwyn Baglan Road Baglan, SA12 8EB			
title Footway Construction & Kerbing			
scale 1:100 original drawing A1	drawn DC checked YES approved YES	date 04/2024 date 04/2024 date 04/2024	
job no. 190424/E01	drawing no. D002	revision A	