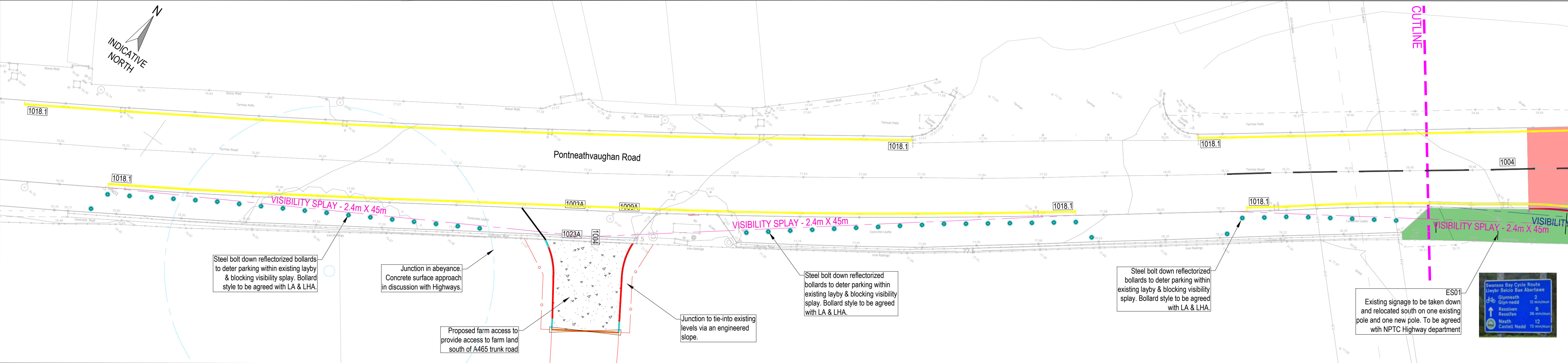
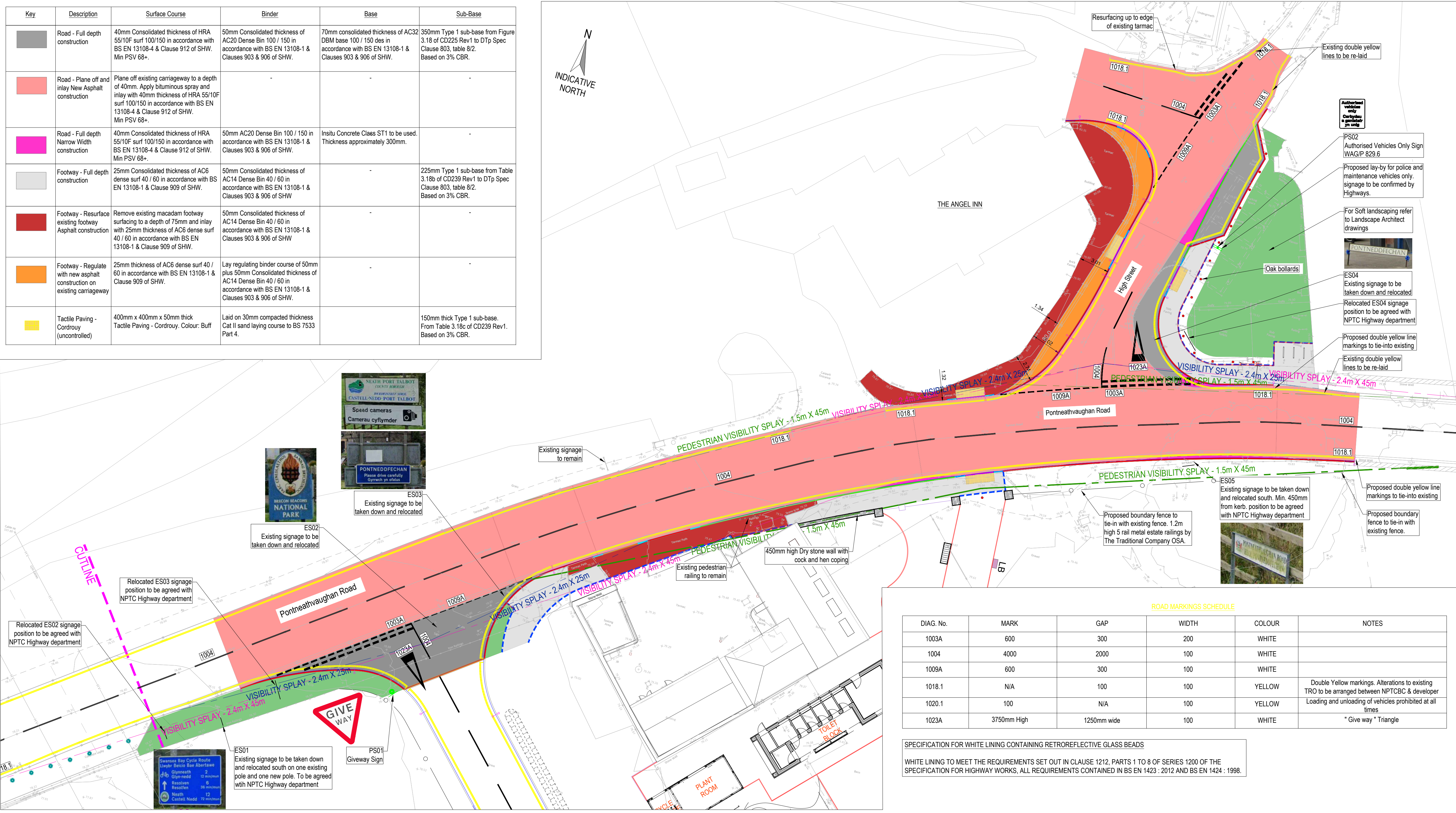




Key	Description	Surface Course	Binder	Base	Sub-Base
	Road - Full depth construction	40mm Consolidated thickness of HRA 55/10F surf 100/150 in accordance with BS EN 13108-4 & Clause 912 of SHW. Min PSV 68+.	50mm Consolidated thickness of AC20 Dense Bin 100 / 150 in accordance with BS EN 13108-1 & Clauses 903 & 906 of SHW.	70mm consolidated thickness of AC32 DBM base 100 / 150 des in accordance with BS EN 13108-1 & Clauses 903 & 906 of SHW.	350mm Type 1 sub-base from Figure 3.18 of CD225 Rev1 to DTp Spec Clause 803, table 8/2. Based on 3% CBR.
	Road - Plane off and inlay New Asphalt construction	Plane off existing carriageway to a depth of 40mm. Apply bituminous spray and inlay with 40mm thickness of HRA 55/10F surf 100/150 in accordance with BS EN 13108-4 & Clause 912 of SHW. Min PSV 68+.	-	-	-
	Road - Full depth Narrow Width construction	40mm Consolidated thickness of HRA 55/10F surf 100/150 in accordance with BS EN 13108-4 & Clause 912 of SHW. Min PSV 68+.	50mm AC20 Dense Bin 100 / 150 in accordance with BS EN 13108-1 & Clauses 903 & 906 of SHW.	Insitu Concrete Class ST1 to be used. Thickness approximately 300mm.	-
	Footway - Full depth construction	25mm Consolidated thickness of AC6 dense surf 40 / 60 in accordance with BS EN 13108-1 & Clause 909 of SHW.	50mm Consolidated thickness of AC14 Dense Bin 40 / 60 in accordance with BS EN 13108-1 & Clauses 903 & 906 of SHW.	-	225mm Type 1 sub-base from Table 3.18a of CD239 Rev1 to DTp Spec Clause 803, table 8/2. Based on 3% CBR.
	Footway - Resurface existing footway Asphalt construction	Remove existing macadam footway surfacing to a depth of 75mm and inlay with 25mm thickness of AC6 dense surf 40 / 60 in accordance with BS EN 13108-1 & Clause 909 of SHW.	50mm Consolidated thickness of AC14 Dense Bin 40 / 60 in accordance with BS EN 13108-1 & Clauses 903 & 906 of SHW.	-	-
	Footway - Regulate with new asphalt construction on existing carriageway	25mm thickness of AC6 dense surf 40 / 60 in accordance with BS EN 13108-1 & Clause 909 of SHW.	Lay regulating binder course of 50mm plus 50mm Consolidated thickness of AC14 Dense Bin 40 / 60 in accordance with BS EN 13108-1 & Clauses 903 & 906 of SHW.	-	-
	Tactile Paving - Cordrouy (uncontrolled)	400mm x 400mm x 50mm thick Tactile Paving - Cordrouy. Colour: Buff	Laid on 30mm compacted thickness Cat II sand laying course to BS 7533 Part 4.	-	150mm thick Type 1 sub-base. From Table 3.18c of CD239 Rev1. Based on 3% CBR.



- NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AND CONSTRUCTED IN ACCORDANCE WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS' DRAWINGS AND DETAILS.
 - ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS IN METRES UNLESS NOTED OTHERWISE.
 - DO NOT SCALE THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE. IF IN DOUBT ASK ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AND CONSTRUCTED IN ACCORDANCE WITH JUBB DRAWING 760 - CONSTRUCTION STANDARD DETAILS.
 - DESIGN IS BASED ON AN ASSUMED SITE WIDE CBR VALUE OF 3%.
 - CONTRACTOR TO CONDUCT IN SITU CBR TESTS AT PROPOSED FORMATION LEVELS IN ADVANCE OF CONSTRUCTION PHASE TO CONFIRM MINIMUM CBR VALUES.
 - IF TESTING INDICATES CBR <3% AT FORMATION LEVELS THEN CONTRACTOR TO CONSULT ENGINEER.

KEY

	Half batter kerb (HB2)
	125mm upstand, 125x255mm
	Bulbosed kerb (BN)
	0-6mm upstand, 125x255mm
	Bulbosed kerb (BN25)
	25mm upstand, 125x255mm
	Channel Kerb (CS2)
	0mm upstand, 125x150mm
	Edging kerb (EF)
	0mm upstand, 50x150mm
	Drop kerb (DK)
	Bollard
	Steel galvanised bollard
	1200mm x 152mm bold down
	Bollard
	Oak bollard - Barriers Direct OSA
	800mm high x 140mm square

Proposed Sign Details

Sign Reference	PS01
Diag No.	602
TSRGD Ref.	S9-2-2
Height	600 mm
Mount Height	2300
Material	Class R3B-UK
* Area reduced for rounded corners.	
Post Details:	Foundation Details:
Post = 76.1 x 3.2 CHS	Concrete Class = ST2
Post Length = 3600	Diameter = 400
	Depth = 700
	Cover = 150
	Blinding = 75

Sign Reference	PS02
Diag No.	WAG/P 829.6
TSRGD Ref.	829.6
Height	1090 mm
Mount Height	2300
Material	Class R3B-UK
* Area reduced for rounded corners.	
Post Details:	Foundation Details:
Post = 76.1 x 3.2 CHS	Concrete Class = ST2
Post Length = 3600	Diameter = 400
	Depth = 700
	Cover = 150
	Blinding = 75

C3	10.12.25	Layby sign added	JA	GS
C2	01.12.25	Construction Issue	JB	JA
C1	20.06.25	Construction Issue	JA	GS
Rev	Date	Description	By	Apvd

PROJECT:
PROPOSED VISITOR HUB @
WATERFALL COUNTRY,
PONTNEDDFACHEN, NEATH
TITLE:
EXTERNAL WORKS
AREA 05 - HIGHWAY WORKS

CLIENT:
ANDREW SCOTT

SCALE@A1:
1:200

PROJECT REF:
23158
DRAWING No:
2081-05-JUB-C-DR-00750

Revision Referencing
P = Preliminary A = Approval T = Tender C = Construction

ROAD MARKINGS SCHEDULE

DIAG. No.	MARK	GAP	WIDTH	COLOUR	NOTES
1003A	600	300	200	WHITE	
1004	4000	2000	100	WHITE	
1009A	600	300	100	WHITE	
1018.1	N/A	100	100	YELLOW	Double Yellow markings. Alterations to existing TRO to be arranged between NPTC/CBC & developer
1020.1	100	N/A	100	YELLOW	Loading and unloading of vehicles prohibited at all times
1023A	3750mm High	1250mm wide	100	WHITE	"Give way" Triangle

SPECIFICATION FOR WHITE LINING CONTAINING RETROREFLECTIVE GLASS BEADS

WHITE LINING TO MEET THE REQUIREMENTS SET OUT IN CLAUSE 1212, PARTS 1 TO 8 OF SERIES 1200 OF THE SPECIFICATION FOR HIGHWAY WORKS, ALL REQUIREMENTS CONTAINED IN BS EN 1423 : 2012 AND BS EN 1424 : 1998.