










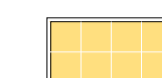
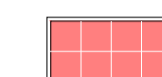











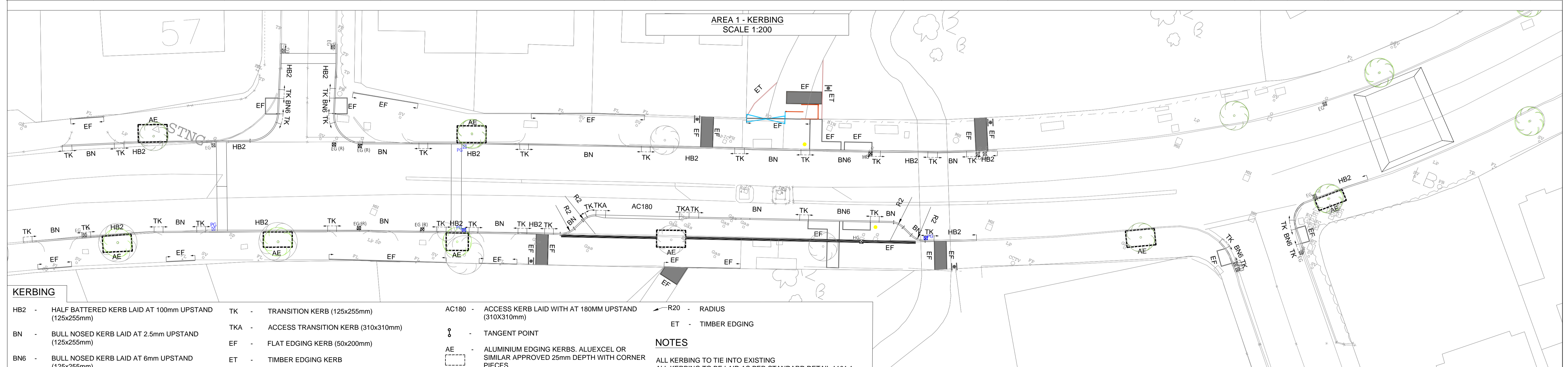
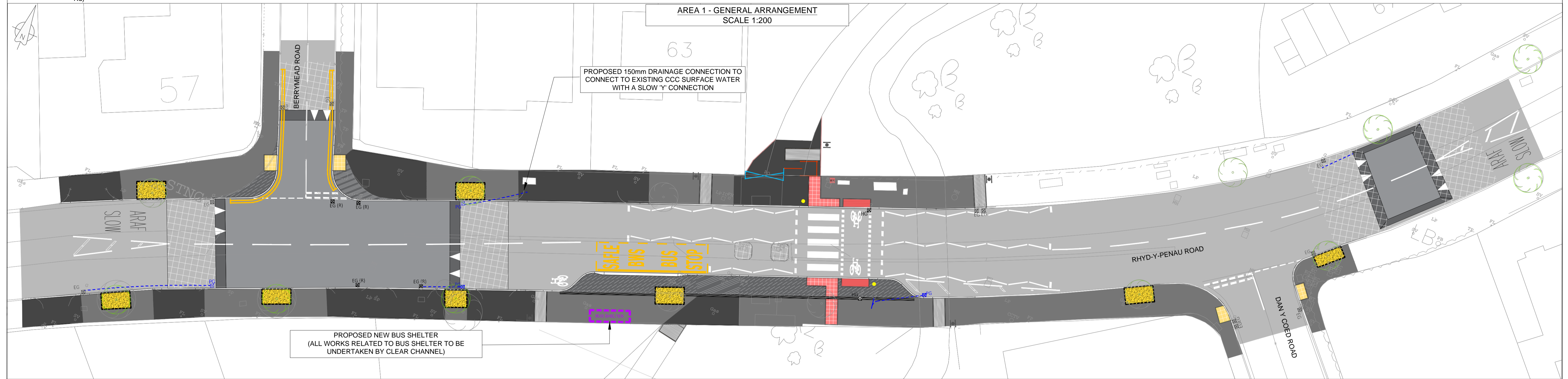


**GENERAL KEY**

-  PROPOSED FOOTWAY CONSTRUCTION ON EXISTING CARRIAGEWAY  
25mm AC6 DENSE SURFACE COURSE, 50mm AC20 BINDER, 25mm SUB BASE TYPE 1 ON EXISTING CARRIAGEWAY.
-  PROPOSED FULL FOOTWAY CONSTRUCTION  
25mm AC6 DENSE SURFACE COURSE 100/150 BS EN 13108-4, 50mm AC20 DENSE BINDER 100/150 TO BS EN 13108-4, 150mm TYPE 1 SUB-BASE. - SEWFS 1101\_02
-  VEHICLE CROSS OVER CONSTRUCTION  
25mm AC6 DENSE SURFACE COURSE 100/150 BS EN 13108-4, 50mm AC20 DENSE BINDER 100/150 TO BS EN 13108-4, 225mm TYPE 1 SUB-BASE.
-  VEHICLE CROSS OVER ON EXISTING CARRIAGEWAY  
25mm AC6 DENSE SURFACE COURSE 100/150 BS EN 13108-4, 50mm AC20 DENSE BINDER 100/150 TO BS EN 13108-4.
-  CARRIAGEWAY TO BE PLANED AND RESURFACED WITH 45mm SMA 10 SURF PMB 75/130-75, STEEL SLAG, MIN PSV 60, PMB - CLASS 7 PENETRATION, CLASS 3 SOFTENING POINT (TABLE 1 BS EN 14023) & CLASS 2 ELASTIC RECOVERY (TABLE 2 BS EN 14023)
-  FULL CARRIAGEWAY CONSTRUCTION  
45mm SMA 10 SURF 75/130-75, STEEL SLAG, MIN PSV 60 PMB (POLYMER MODIFIED BINDER), 60MM AC20 DENSE BINDER 100/150 TO BS EN 13108-4, 200MM AC32 BASE 40/60 TO BS EN 13108-4, SUB-BASE TYPE 1
-  PROPOSED SIGNAGE - PLEASE REFER TO SIGNING AND LINING DRAWING CO18272 - 1201 - SIGNS AND LINES (Rhyd-Y-Penau Rd)


-  PROPOSED RAISED TABLE CONSTRUCTION (FOR JCT WITH BERRYMEAD ROAD)  
45mm AC10 DENSE SURFACE COURSE 100/150 PMB (POLYMER MODIFIED BINDER), 75mm AC20 DENSE BINDER (UPPER) 100/150 TO BS EN 13108-4 (PLEASE REFER TO SD-RAMP-01)
-  PROPOSED RAISED CUSHION CONSTRUCTION  
45mm AC10 DENSE SURFACE COURSE 100/150 PMB (POLYMER MODIFIED BINDER), 75mm AC20 DENSE BINDER (UPPER) 100/150 TO BS EN 13108-4 WITH 300mm STRIP TO KERB EDGE (PLEASE REFER TO SD-RAMP-01)
-  400x400x65mm BUFF PRECAST CONCRETE TACTILE PAVING SLABS, 30mm SHARP SAND, 150mm TYPE 2 SUB - BASE
-  400x400x65mm RED PRECAST CONCRETE TACTILE PAVING SLABS, 30mm SHARP SAND, 150mm TYPE 2 SUB - BASE
-  400mmX400mmX50mm PRECAST CONCRETE CORDUROY PAVING SLABS COLOR RED, LAID ON 150mm TYPE 1 SUB-BASE AND 30mm THICK SAND BEDDING LAYER. JOINTS BRUSHED WITH KILN DRIED SAND. - SEWFS 1101\_02
-  400mmX400mmX50mm PRECAST CONCRETE LADDER PAVING SLABS COLOR BUFF, LAID ON 150mm TYPE 1 SUB-BASE AND 30mm THICK SAND BEDDING LAYER. JOINTS BRUSHED WITH KILN DRIED SAND. - SEWFS 1101\_02


-  TREE PIT  
PROPOSED PERMEABLE RUBBER TIGER MULCH (OR SIMILAR APPROVED) AROUND EXISTING TREES. 40MM THICKNESS ON EXISTING SUB-SOIL BROUGHT UP TO FORMATION LEVEL WITH TYPE 3 SUB-BASE MCHW CLAUSE 803
-  MIDUSTAR BELISHA BEACON  
SEE STREET LIGHTING MATERIALS SPECIFICATION. (FOR STREET LIGHTING INFO PLEASE REFER TO DWG 70053956-WSP-RPENAU-DR-EO-0001-P05)
-  FLUTED DRAINAGE CHANNEL - 255MM - SEWFS 1101\_01
-  PROPOSED STANDARD CONCRETE GULLY WITH D400 COVER AND FRAME - SEWFS 0503\_02
-  PROPOSED 150mm DIA THERMOPLASTIC STRUCTURED WALL PIPE WITH SLOW 'Y' CONNECTION TO CONNECT TO EXISTING GULLY OUTLET (UNLESS OTHERWISE STATED).
-  EXISTING GULLY TO REMAIN IN SITU
-  EXISTING GULLY TO BE RAISED TO NEW CARRIAGEWAY LEVEL
-  EXISTING GULLY TO BE RAISED TO NEW LEVEL AND FITTED WITH NEW HEEL FRIENDLY GULLY GRATE
-  LITTER BIN TO BE REMOVED FROM STORE AND RELOCATED IN SHOWN LOCATION
-  STEEL GATE TO BE REMOVED FROM STORES AND RELOCATED IN SHOWN LOCATION
-  PROPOSED STEEL KISSING GATE - PLEASE REFER TO STANDARD DETAIL Q40-530B STEEL KISSING GATE-A3



- KERBING**
- HB2 - HALF BATTERED KERB LAID AT 100mm UPSTAND (125x255mm)
  - BN - BULL NOSED KERB LAID AT 2.5mm UPSTAND (125x255mm)
  - BN6 - BULL NOSED KERB LAID AT 6mm UPSTAND (125x255mm)
  - TK - TRANSITION KERB (125x255mm)
  - TKA - ACCESS TRANSITION KERB (310x310mm)
  - EF - FLAT EDGING KERB (50x200mm)
  - ET - TIMBER EDGING KERB
  - AC180 - ACCESS KERB LAID WITH AT 180MM UPSTAND (310X310mm)
  - TANGENT POINT
  - AE - ALUMINIUM EDGING KERBS, ALJEXCEL OR SIMILAR APPROVED 25mm DEPTH WITH CORNER PIECES
  - R20 - RADIUS
  - ET - TIMBER EDGING
- NOTES**
- ALL KERBING TO TIE INTO EXISTING
  - ALL KERBING TO BE LAID AS PER STANDARD DETAIL 1101.1

CYNGOR DINAS CAERDYDD THE CITY OF CARDIFF COUNCIL

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**FOR TENDER**

DESIGN CONTRACTS AND DELIVERY  
DYLUNIO CONTRACTAU A DARPARU

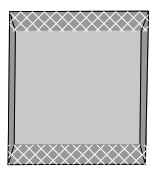
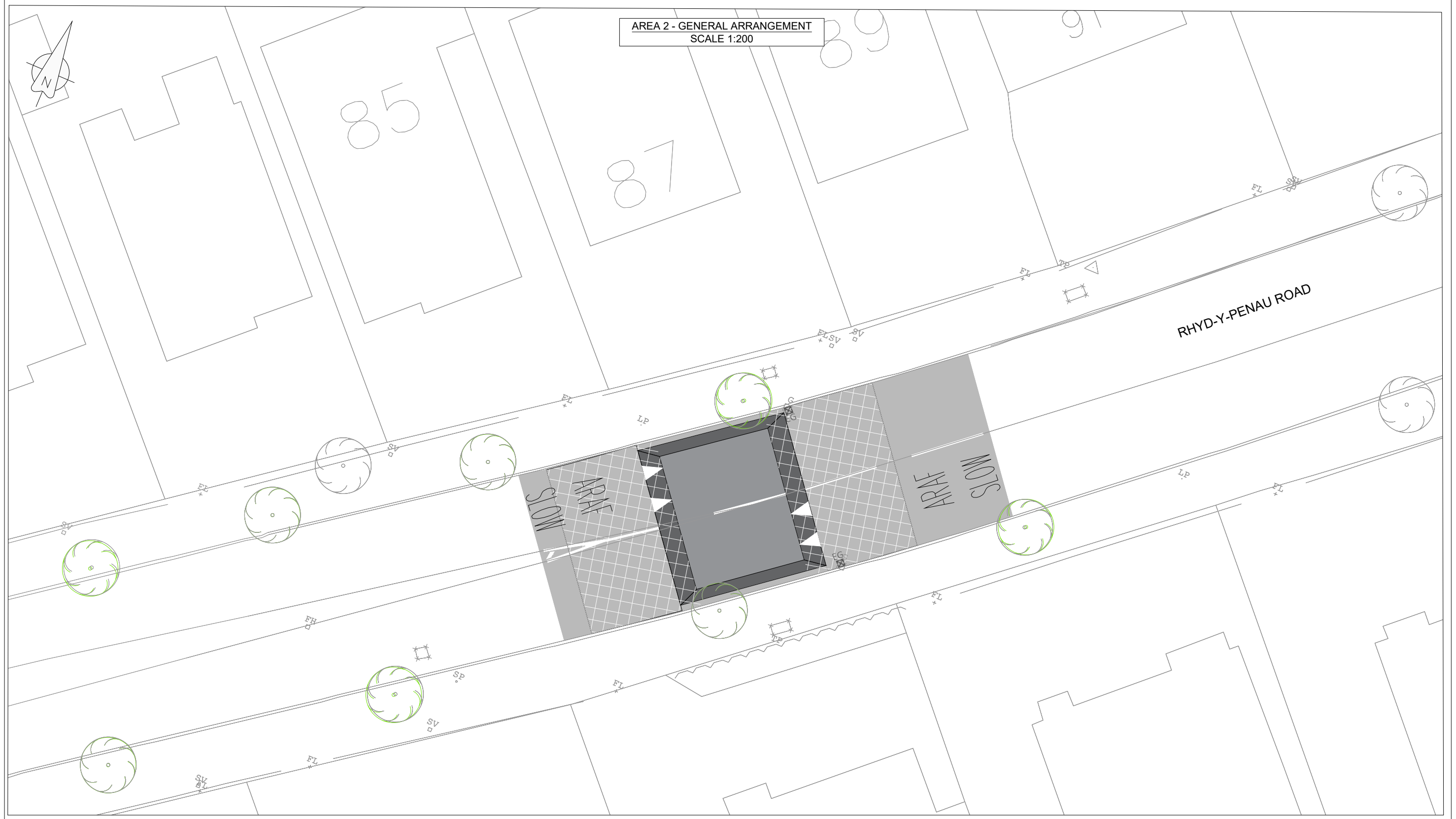
**Andrew Gregory**  
DIRECTOR FOR PLANNING, TRANSPORT AND ENVIRONMENT  
CYNLLUNIO, TRAFNIDIATH A'R AMGYLCHEDD

Rev	By	Date	Description of Amendment	Chk.by	Date

Project	RHYD-Y-PENAU ROAD/ DAN-Y-COED ROAD	
Checked	GD	Path
Drawn	LJW	Project Number
Scale	AS SHOWN	Drawing Number
Date	10/2019	CO18272
Title		101
GENERAL ARRANGMENT		0
County Hall, Atlantic Wharf, Cardiff CF10 4UW Telephone 029 2287 2456		



AREA 2 - GENERAL ARRANGEMENT  
SCALE 1:200



**PROPOSED RAISED CUSHION CONSTRUCTION**  
45mm AC10 DENSE SURFACE COURSE 100/150 PMB (POLYMER MODIFIED BINDER), 75mm AC20 DENSE BINDER (UPPER) 100/150 TO BS EN 13108-4 WITH 300mm STRIP TO KERB EDGE (PLEASE REFER TO SD-RAMP-01)



**FULL CARRIAGEWAY CONSTRUCTION**  
45mm SMA 10 SURF 75/130-75, STEEL SLAG, MIN PSV 60 PMB (POLYMER MODIFIED BINDER), 60MM AC20 DENSE BINDER 100/150 TO BS EN 13108-4, 200MM AC32 BASE 40/60 TO BS EN 13108-4, SUB-BASE TYPE 1



**CARRIAGEWAY TO BE PLANNED AND RESURFACED WITH 45mm SMA 10 SURF PMB 75/130-75, STEEL SLAG, MIN PSV 60, PMB - CLASS 7 PENETRATION, CLASS 3 SOFTENING POINT (TABLE 1 BS EN 14023) & CLASS 2 ELASTIC RECOVERY (TABLE 2 BS EN 14023)"**



**EXISTING GULLY TO REMAIN IN SITU**

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**FOR TENDER**

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Title	GENERAL ARRANGMENT
2 of 2	

Checked	GD	Path	
Drawn	LJW	Project Number	CO18272
Scale	AS SHOWN	Drawing Number	102
Date	10/2019		
<small>Do not scale drawing check and approve</small>			
County Hall, Atlantic Wharf, Cardiff CF10 4UW Telephone 029 2287 2456			