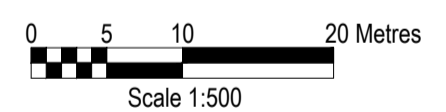


KEY PLAN
SCALE 1:10,000

- GENERAL NOTES:**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS. NOTIFY THE PROJECT MANAGER OF ANY DISCREPANCIES.
 2. ALL DIMENSIONS IN MILLIMETERS AND ALL LEVELS IN METERS ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
 3. DO NOT SCALE FROM DRAWING.
 4. FOR FLOOD WALL PLAN CONTINUATION REFER TO DRAWING 274580-ARP-XX-XX-DR-CX-4001. FOR SECTIONS AND DETAILS REFER TO DRAWING 274580-ARP-XX-XX-DR-CX-4002.
 5. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING 274580-ARP-XX-XX-DR-CX-1000 WHICH SHOWS FULL DETAILS OF THE HIGHWAY PROPOSALS IN THIS AREA. THIS DRAWING IS SHOWING DETAILS OF THE PROPOSED FLOOD WALL ONLY.

- LEGEND:**
- FLOOD WALL UPSTAND
 - FLOOD WALL FOUNDATION
 - SHEET PILE WALL
 - WALES COAST PATH RESURFACING
 - PLANNING APPLICATION BOUNDARY
 - ▨ PROPOSED GROUND RAISING



P04	FOR PLANNING	KS	JL	RC	08.07.21
P03	FOR PLANNING	KS	JL	RC	25.06.21
P02	FOR PLANNING	SG	JL	RC	12.03.21
P01	DRAFT FOR COMMENT	SG	JL	RC	27.01.21
Rev.	Description	Drawn	Chkd.	Appd.	Issue Date



ARUP

Project Name:		STEPHENSON STREET FLOOD DEFENCE SCHEME	
Drawing Title:		FELNEX FLOOD WALL PLAN 01	
Suitability:		FOR PLANNING	
Internal Project Number:		274580	
Scale:		1:500 @ A1	
Drawing Number:		274580-ARP-XX-XX-DR-CX-4000	
Suitability Code:		S2	
Rev.:		P04	

FOR DETAILS OF PROPOSED HIGHWAY WORKS AND ASSOCIATED DRAINAGE REFER TO DRAWING 274580-ARP-XX-XX-DR-CX-1000

TIE IN DETAIL BETWEEN PROPOSED FLOOD BUND AND PROPOSED FLOOD WALL

CREST TO FLOOD BUND TO TIE IN TO HIGHWAY EMBANKMENT (SEE DRAWING 274580-ARP-XX-XX-DR-CX-110 FOR HIGHWAY EMBANKMENT)

ON SOUTH WESTERN SIDE OF BUND SLOPES TO BE GRADED BACK IN TO EXISTING GROUND AT SHALLOW ANGLE

PROPOSED REINFORCED CONCRETE STEM FLOOD WALL. FOR SECTIONS AND DETAILS REFER TO DRAWING 274580-ARP-XX-XX-DR-CX-4002

PATTERNED FORMLINER FINISH ON NORTH SIDE OF RETAINING WALL FROM CHAINAGE 40M TO 80M AND ON SOUTHERN SIDE OF WALL FROM CHAINAGE 40M TO 180M IN PUBLICLY VIEWED AREAS; PATTERN TO BE CONFIRMED AT DETAILED DESIGN.

EXISTING ELECTRICITY SUBSTATION. DETAILING OF PROPOSED FLOOD WALL AND HIGHWAY SUBJECT TO AGREEMENT WITH WPD.

RAMPING OF EARTH AROUND TOE OF WALL TO SCREEN VISUAL APPEARANCE

CREST OF FLOOD BUND AT 9.41M O.D. AND 4M IN WIDTH

1V:3H SLOPE ON NORTHEASTERN SIDE OF BUND

Pond

MOVER VEHICLE TURNING AREA ON BUND CREST

TIE IN DETAIL BETWEEN PROPOSED FLOOD BUND AND PROPOSED FLOOD WALL

FOR DETAILS OF SHEET PILE WALL REFER TO DRAWINGS 274580-ARP-XX-XX-DR-CX-3000 TO 3005

HANSONS AGGREGATE CONVEYOR AND JETTY STRUCTURE

FOR DETAILS OF WALES COAST PATH RESURFACING REFER TO DRAWING 274581-ARP-XX-XX-DR-CX-4003

FOR CONTINUATION SEE 274580-ARP-XX-XX-DR-CX-4001

FOR DETAILS OF PROPOSED HIGHWAY WORKS AND ASSOCIATED DRAINAGE REFER TO DRAWING 274580-ARP-XX-XX-DR-CX-1000

RIVER USK