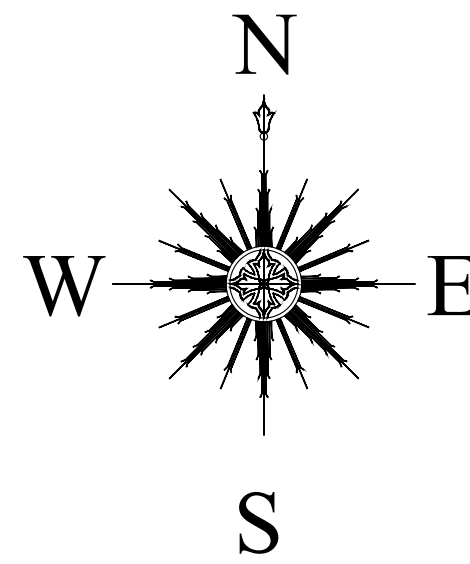




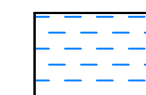
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P02	441553.29	403451.33	P32	441677.78	403276.64	P62	441569.42	403398.19
P03	441557.66	403442.46	P33	441686.90	403277.54	P63	441521.76	403417.74
P04	441560.43	403443.17	P34	441666.48	403295.21	P64	441548.25	403420.95
P05	441569.95	403441.06	P35	441643.56	403297.17	P65	441547.51	403427.45
P06	441578.95	403437.88	P36	441621.34	403302.46	P66	441578.42	403418.30
P07	441586.88	403434.18	P37	441639.11	403311.63	P67	441526.34	403435.22
P08	441599.80	403429.50	P38	441612.70	403316.58	P68	441546.14	403439.47
P09	441620.04	403401.72	P39	441599.38	403316.66	P69	441529.73	403447.94
P10	441628.16	403384.96	P40	441578.92	403326.10	P70	441512.47	403451.24
P11	441628.16	403383.91	P41	441544.28	403354.78	P71	441491.72	403458.08
P12	441641.92	403356.92	P42	441523.50	403374.25			
P13	441642.98	403350.57	P43	441512.70	403386.04			
P14	441652.38	403339.60	P44	441599.94	403324.68			
P15	441639.09	403338.37	P45	441597.13	403361.60			
P16	441627.19	403349.61	P46	441585.73	403333.71			
P17	441619.91	403364.16	P47	441574.18	403356.92			
P18	441609.00	403377.39	P48	441550.28	403360.95			
P19	441668.38	403320.93	P49	441560.05	403372.78			
P20	441692.27	403301.71	P50	441589.99	403370.33			
P21	441695.89	403289.71	P51	441577.68	403394.14			
P22	441726.05	403246.32	P52	441544.55	403365.38			
P23	441757.28	403201.34	P53	441542.69	403378.12			
P24	441744.58	403200.28	P54	441541.38	403387.08			
P25	441715.71	403238.94	P55	441531.85	403389.20			
P26	441754.32	403171.15	P56	441521.55	403393.93			
P27	441740.70	403185.75	P57	441508.06	403401.87			
P28	441711.68	403202.05	P58	441496.55	403408.22			
P29	441696.73	403225.40	P59	441543.54	403397.73			

Key

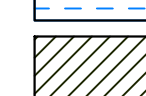
Proposed Scrape



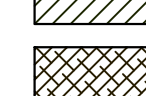
New Channel



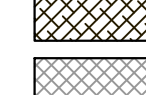
Seasonal areas of inundation



Reed dominated area



Areas to be filled for level 9m maintenance access



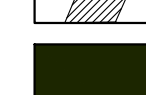
Flood embankment



Channels to be filled



Wet Grassland



General Flow Direction



Post and wire fence



Existing Channel



Denotes scrape setting out points (refer to table)

P01

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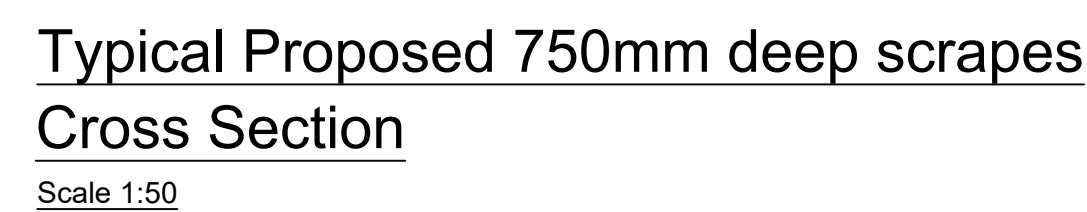
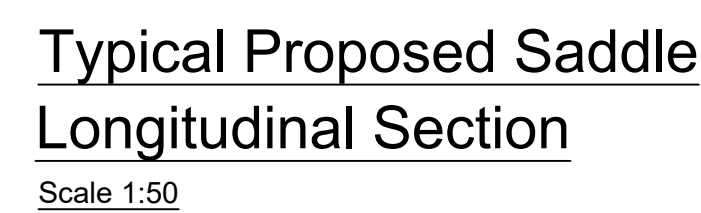


for
The Garganey Trust
Wombwell Wetlands Extension Scheme
Wings Across The Ings
Outline General Arrangement

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Scale:	Drawn: P. Forrest	Aug 2017
	Designed: N. Hourican	Aug 2017
	Checked: A. Craven	Sept 17
	Approved: A. Craven	Sept 17

Digital File Name:	2016s3858-WT03-1-Outline G.A.		
Drawing Number:	Rev.:	Sheet No.:	Status:
2016s3858-WT03	1	1 of 1	For Issue



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A map of the British Isles, including Great Britain and Ireland. Several red dots are placed on the map, indicating specific locations or offices. The dots are concentrated in the south of England, with one dot in the north of England and another in Wales. There are also dots in Ireland, one in the north and one in the south.

for

The Garganey Trust

Wombwell Wetlands Extension Scheme

Wings Across the Ings

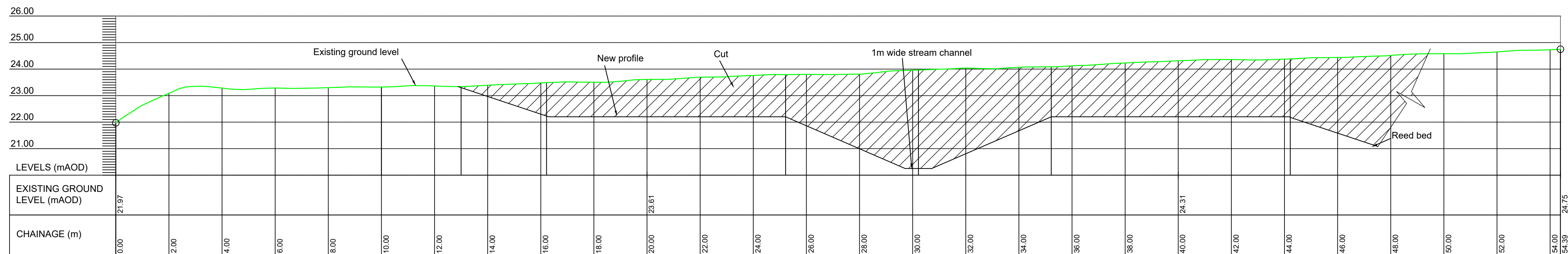
Sections Sheet 01

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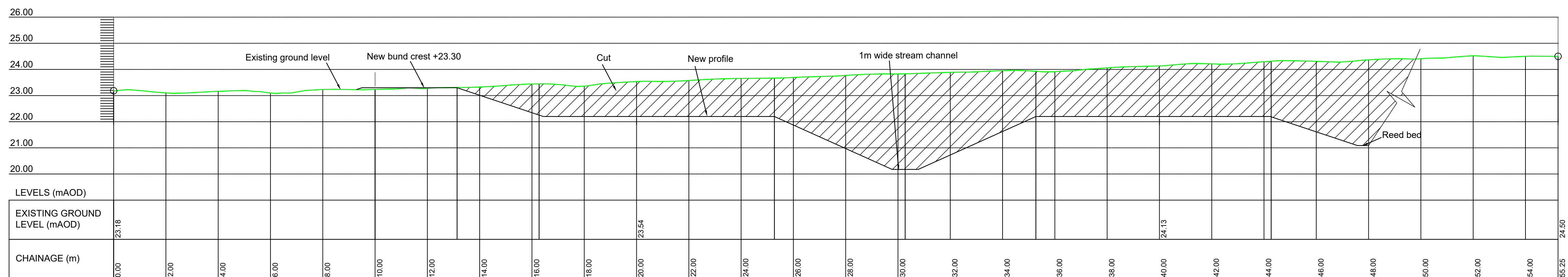
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	Designed:	N. Hourican	Aug 2017
	Checked:	A. Craven	Sept 2017
	Approved:	A.Jones	Sept 2017

Digital File Name: 2016s3858-WT06-Sections 01			
Drawing Number:	Rev.:	Sheet No.:	Status:
2016s3858-WT06		1 of 2	For Issue

1. For location of sections refer to drawing No WT04



SECTION E-E
SCALE 1:100



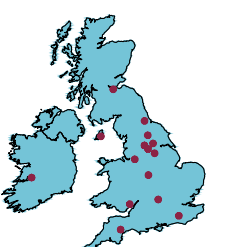
SECTION F-F
SCALE 1:100

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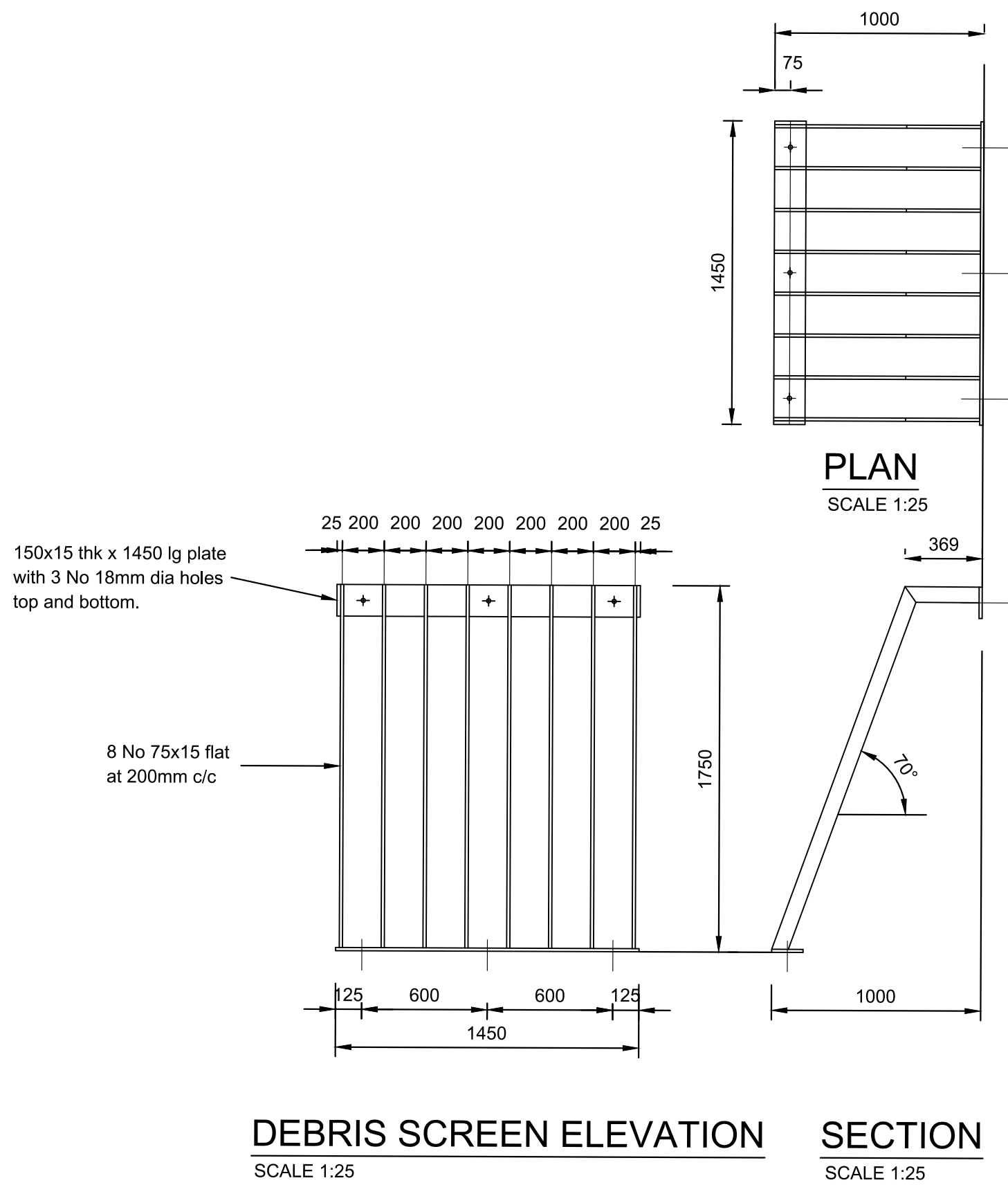
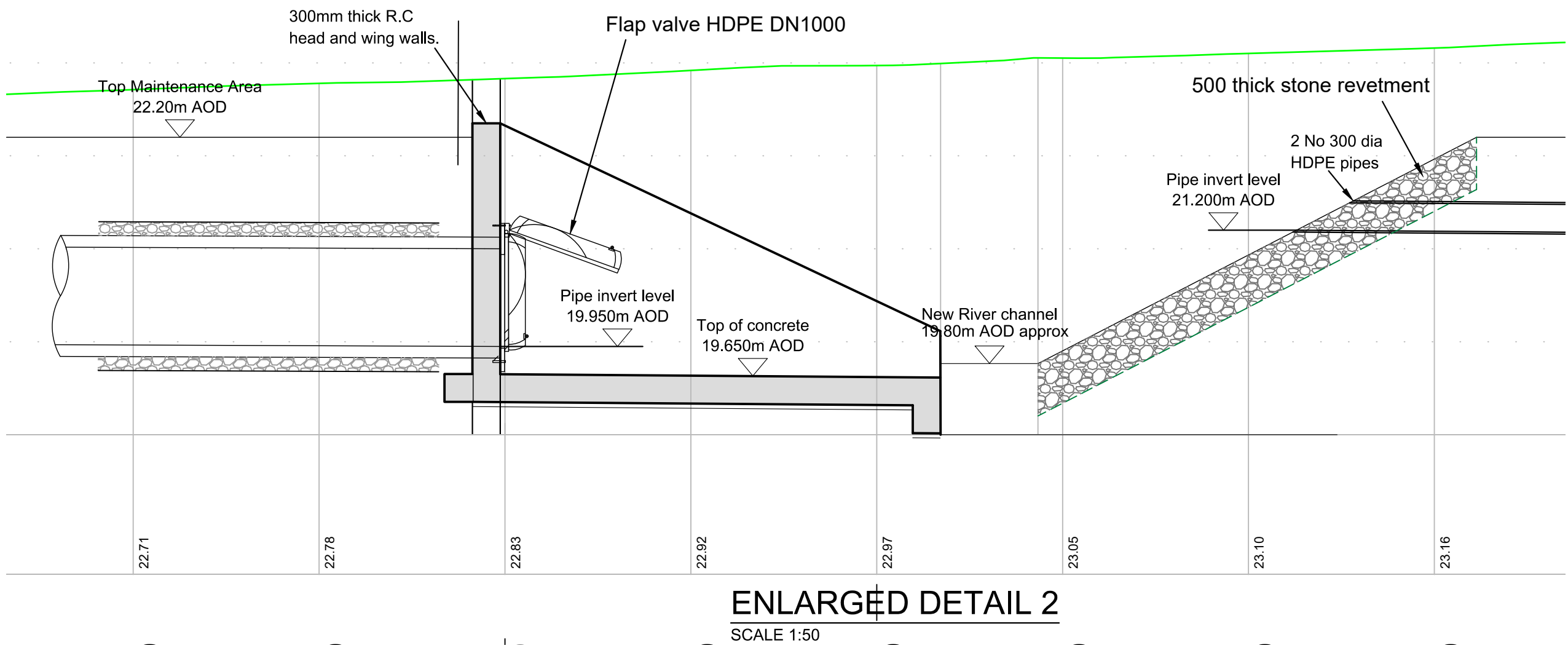
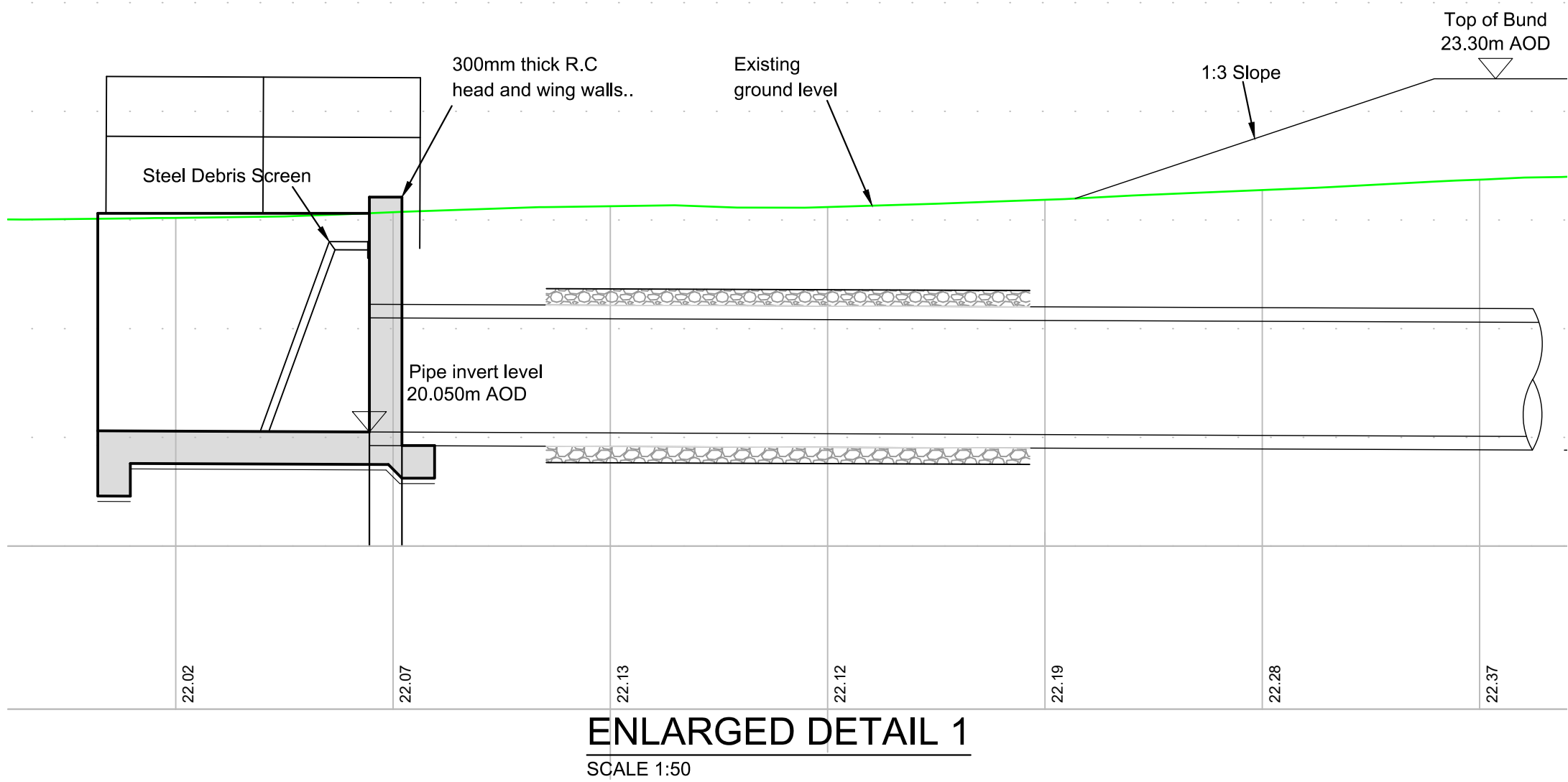
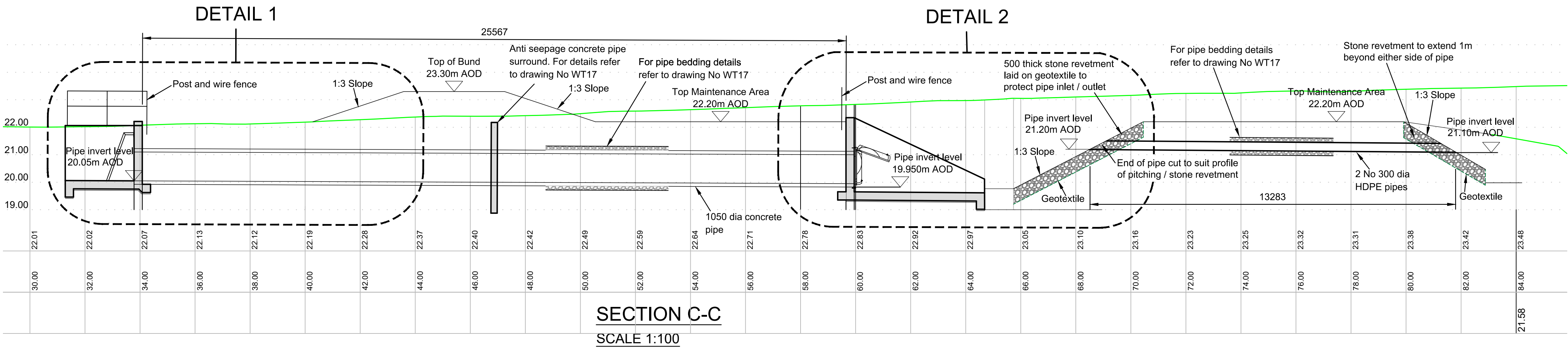
Sections Sheet 2

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	Approved: A. Jones	Sept 2017

Digital File Name: 2016s3858-WT07-1-Sections 02			
Drawing Number:	Rev.:	Sheet No.:	Status:
2016s3858-WT07	1	2 of 2	For Issue

1. For location of Section C-C refer to drawing No WT03



NOTES:-

1. Screen to be fixed to structure with 6 No M16 galvanised expanding anchor bolts.
2. Screen to be fabricated from Grade S355 steel to BS EN10025.
3. All welds to be 10mm fillet welds. Grade S355 steel to BS EN10025.
4. Finish to be Hot Dip Galvanised to BS EN ISO 1461



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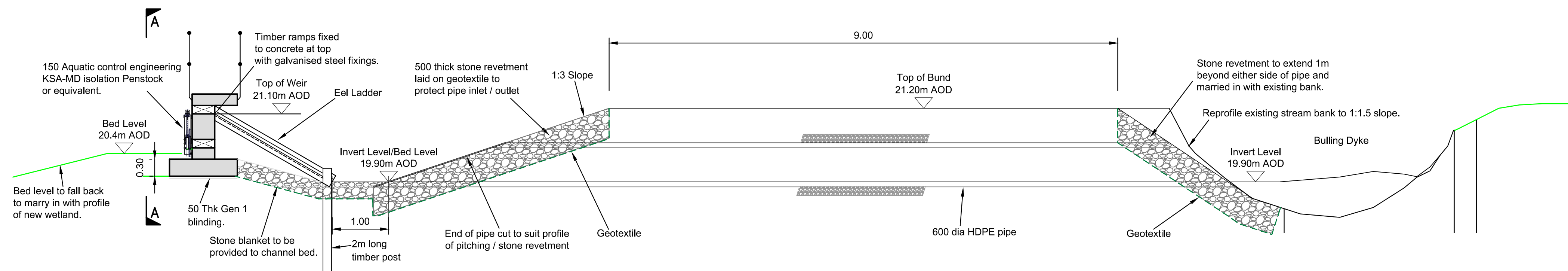
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for

The Garganey Trust
Wombwell Wetlands Extension Scheme
Wings Across the Ings
Culverts under Bund

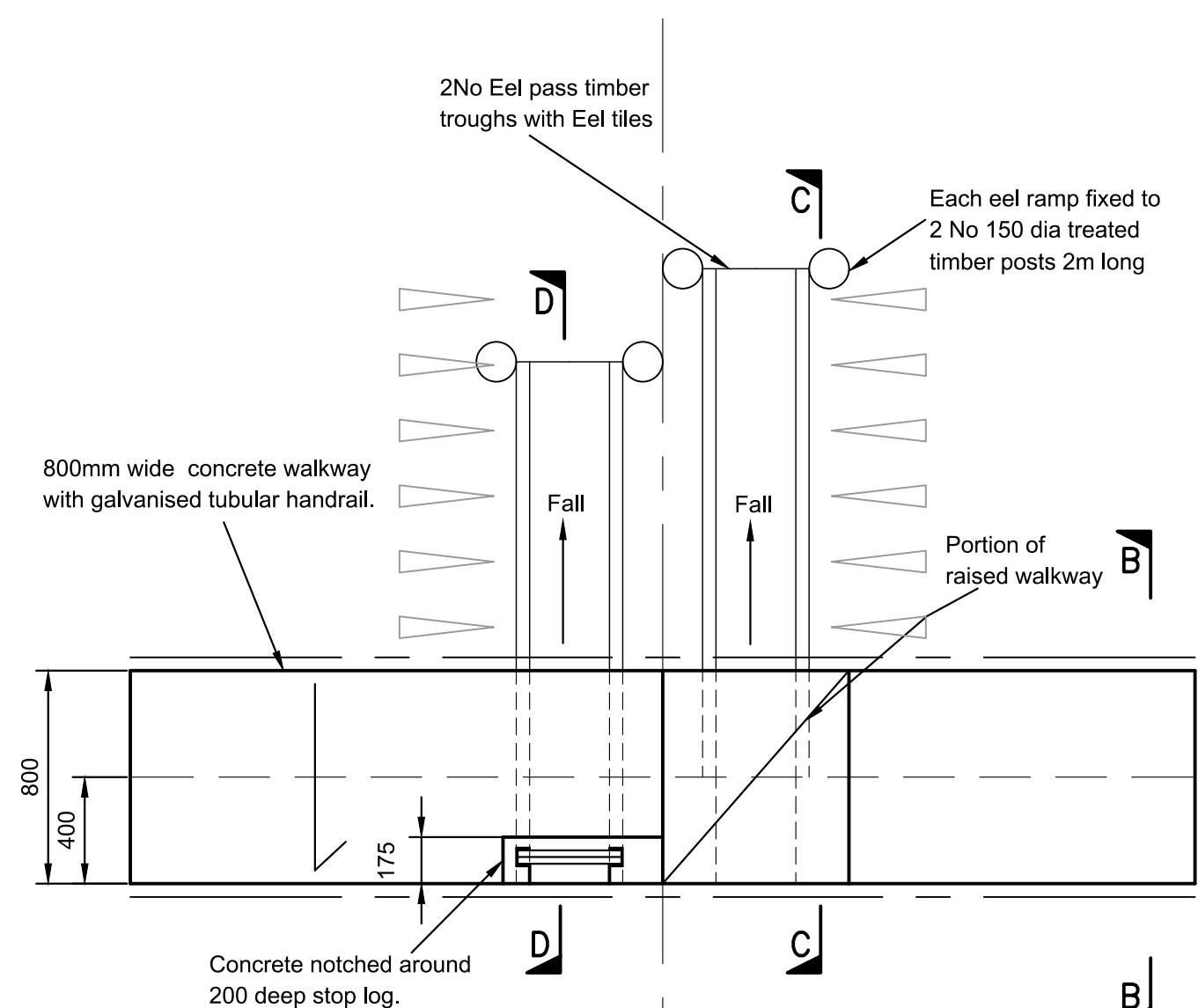
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as noted @ A1	Designed: N. Hourican	
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Digital File Name:	2016s3858-WT03-Culverts Under Bund	
Drawing Number:	Rev.:	Sheet No.:
2016s3858-WT08		1 of 1
		Status:



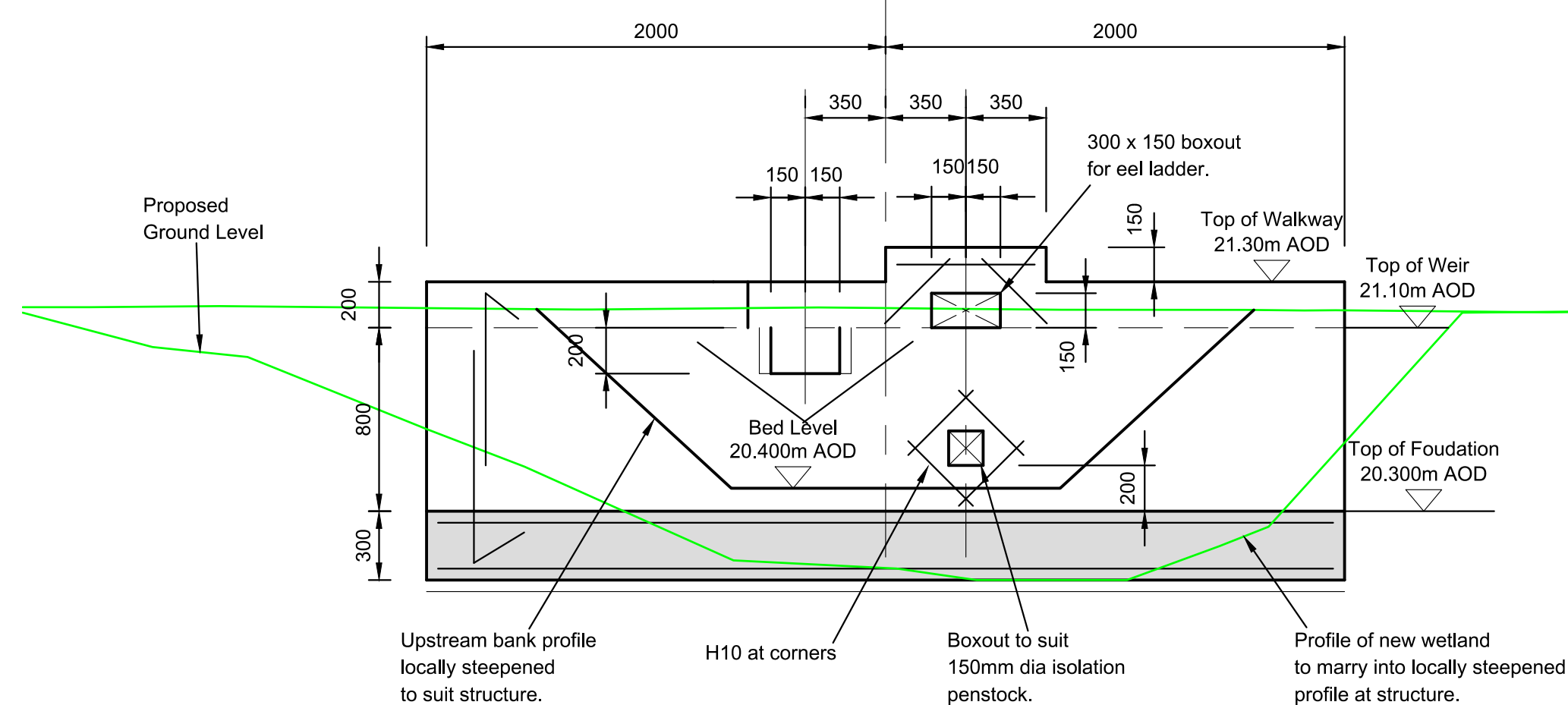
SECTION D-D THROUGH Eel PASS

For location refer to drawing No WT03
SCALE 1:50



PLAN

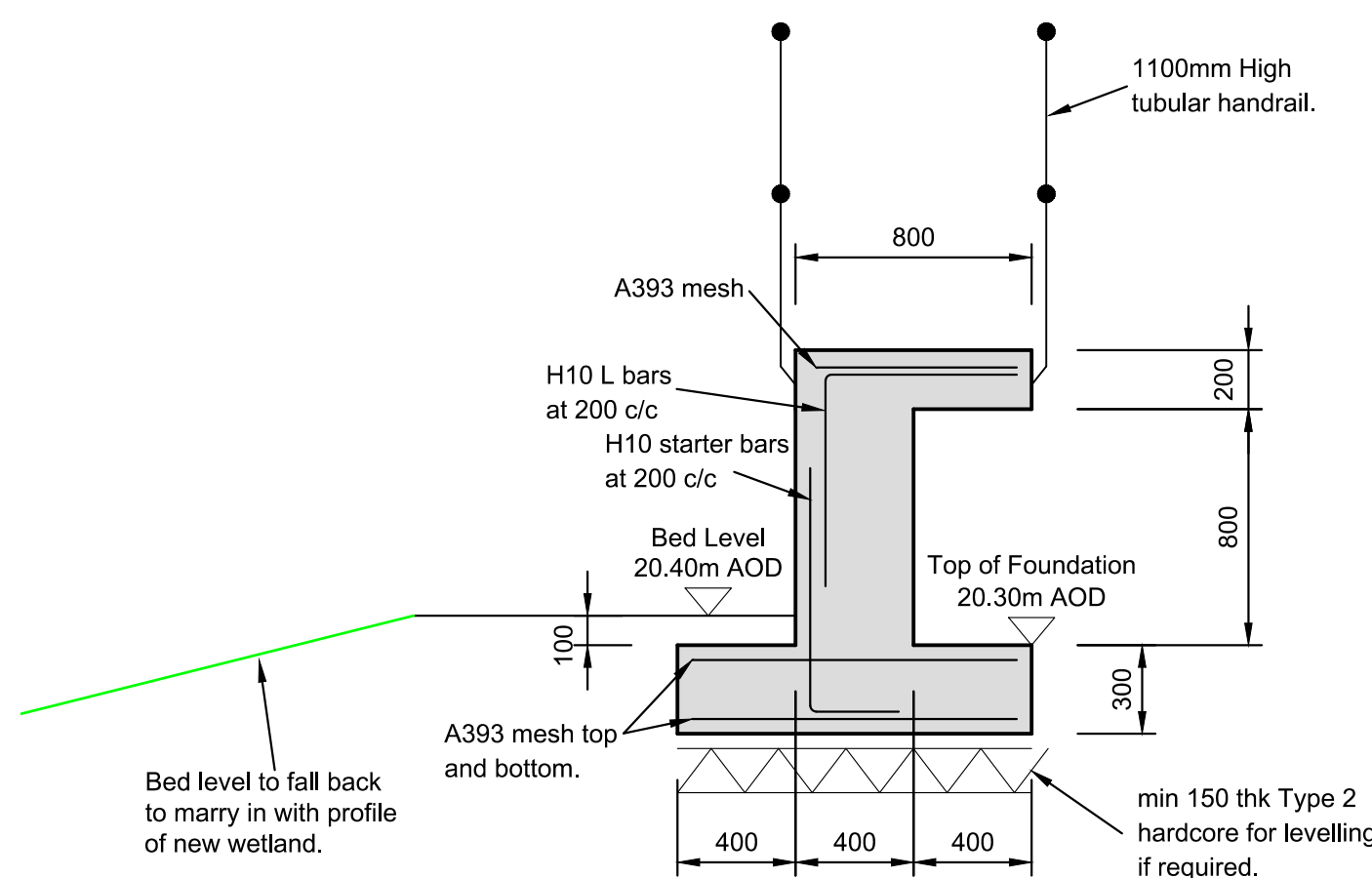
SCALE 1:25



WALL ELEVATION A-A

SCALE 1:25

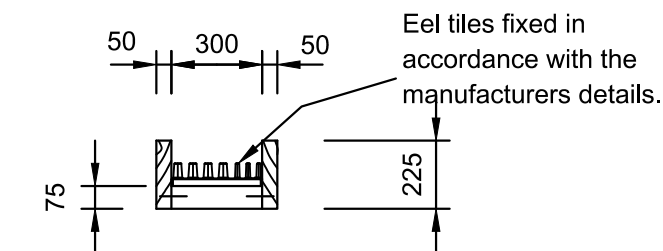
Reinforcement to be cut to suit around all openings.
Minimum cover to be 50mm.
Concrete grade to be RC40



SECTION B-B

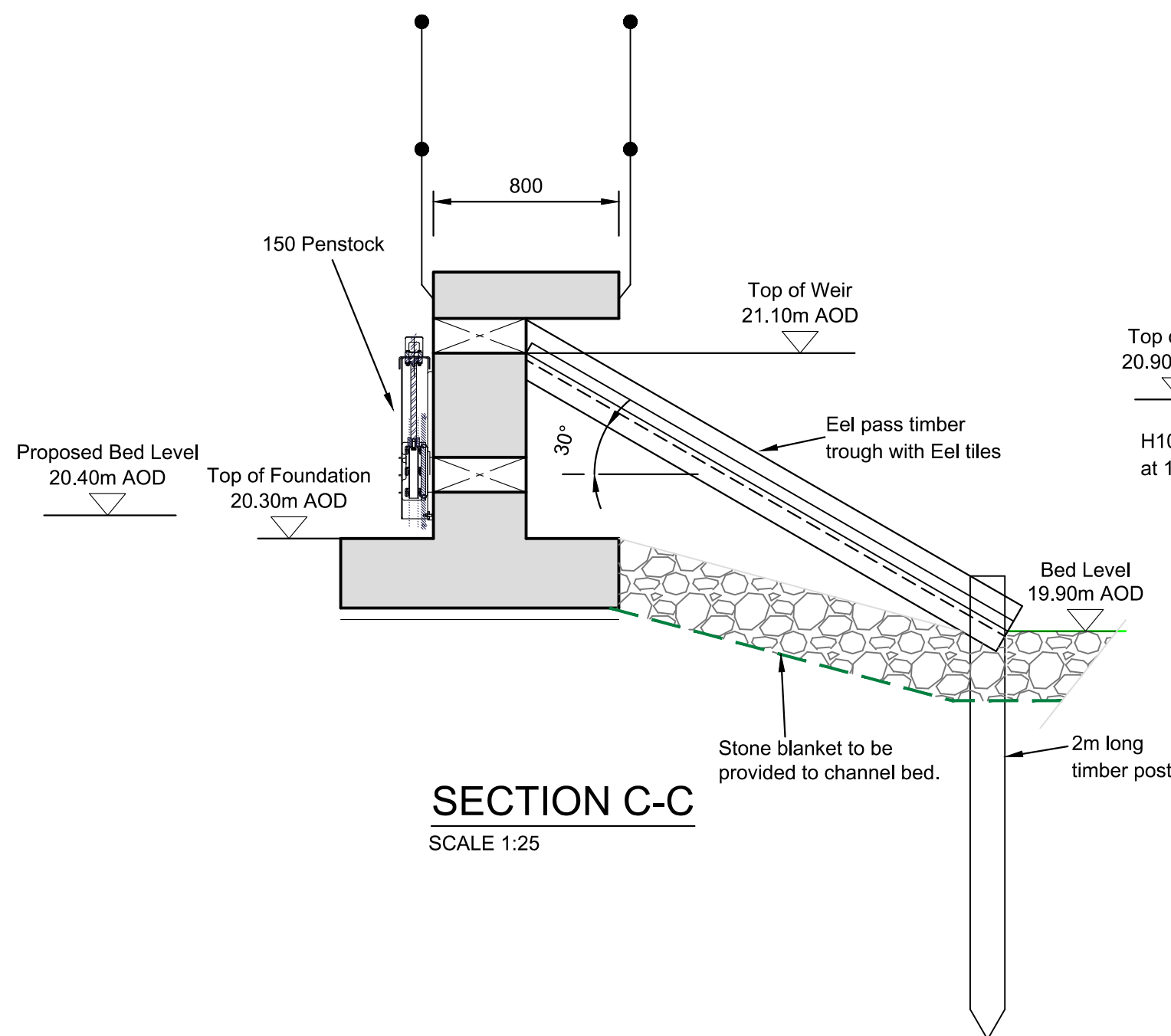
SCALE 1:25

Timber Ramp out of :-
2 x 225 x 50
1 x 300 x 75
pressure impregnated boards
fixed together with 150 long
galvanised nails.



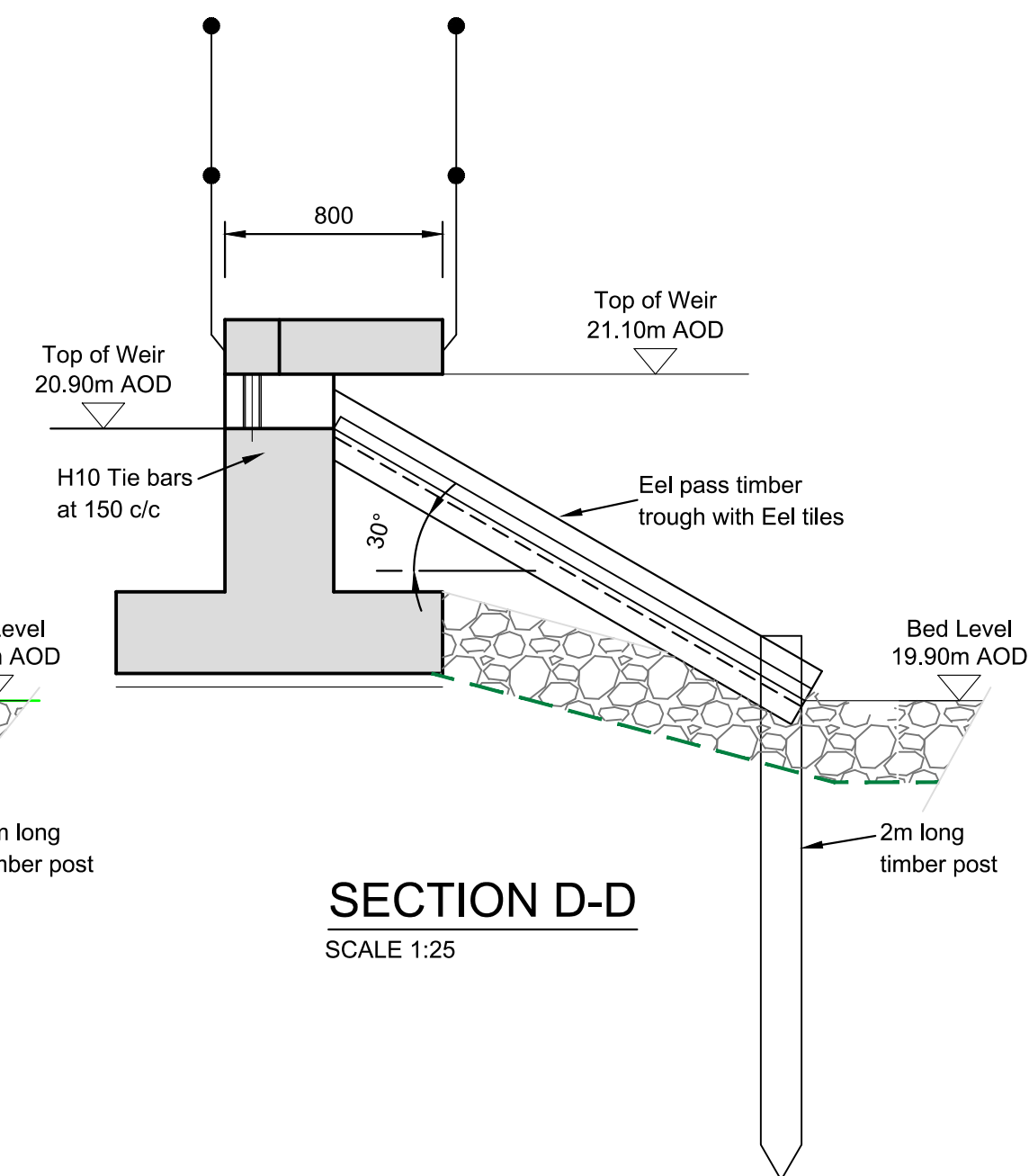
TYPICAL SECTION THROUGH TROUGHS

SCALE 1:25



SECTION C-C

SCALE 1:25



SECTION D-D

SCALE 1:25

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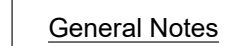
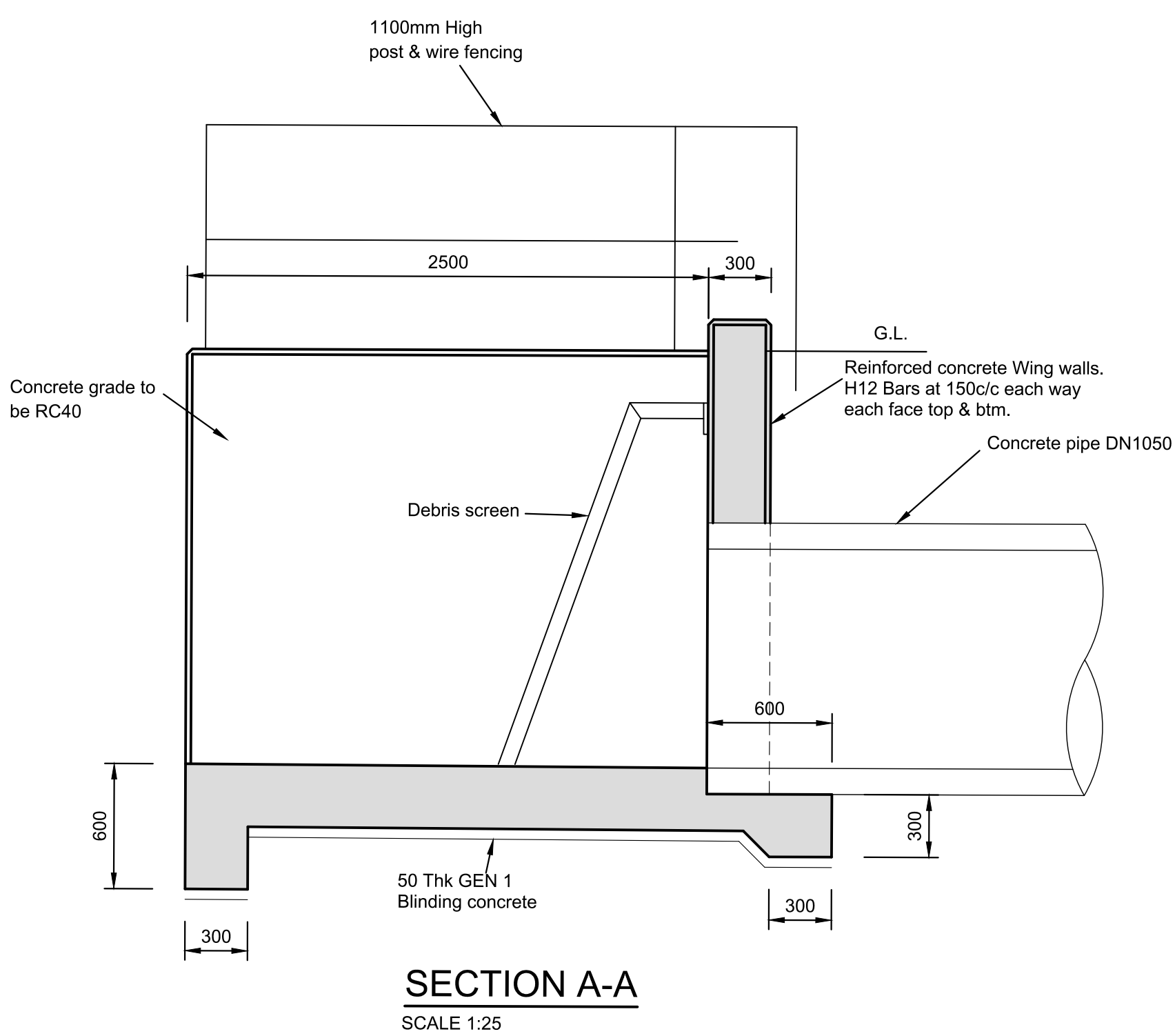
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for

The Garganey Trust
Wombwell Wetlands Extension Scheme
Wings Across the Ings
Eel Ladder and Control Structure

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Scale:	as shown@ A1	Drawn:	P.Forrest	19.09.17
		Designed:	N. Hourican	
		Checked:		
		Approved:		
Digital File Name:	2016s3858-WT09-Eel Ladder			
Drawing Number:	2016s3858-WT09	Rev.:	Sheet No.:	Status:
			1 of 1	



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Wombwell Wetlands Extension Scheme
Wings Across the Ings
Culvert head walls-1

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Approved: _____

Digital File Name: 2016s3858-WT10-Culvert head walls -1

Drawing Number: 2016s3858-WT10	Rev.:	Sheet No.: 1 of 1	Status:
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Wombwell Wetlands Extension Scheme

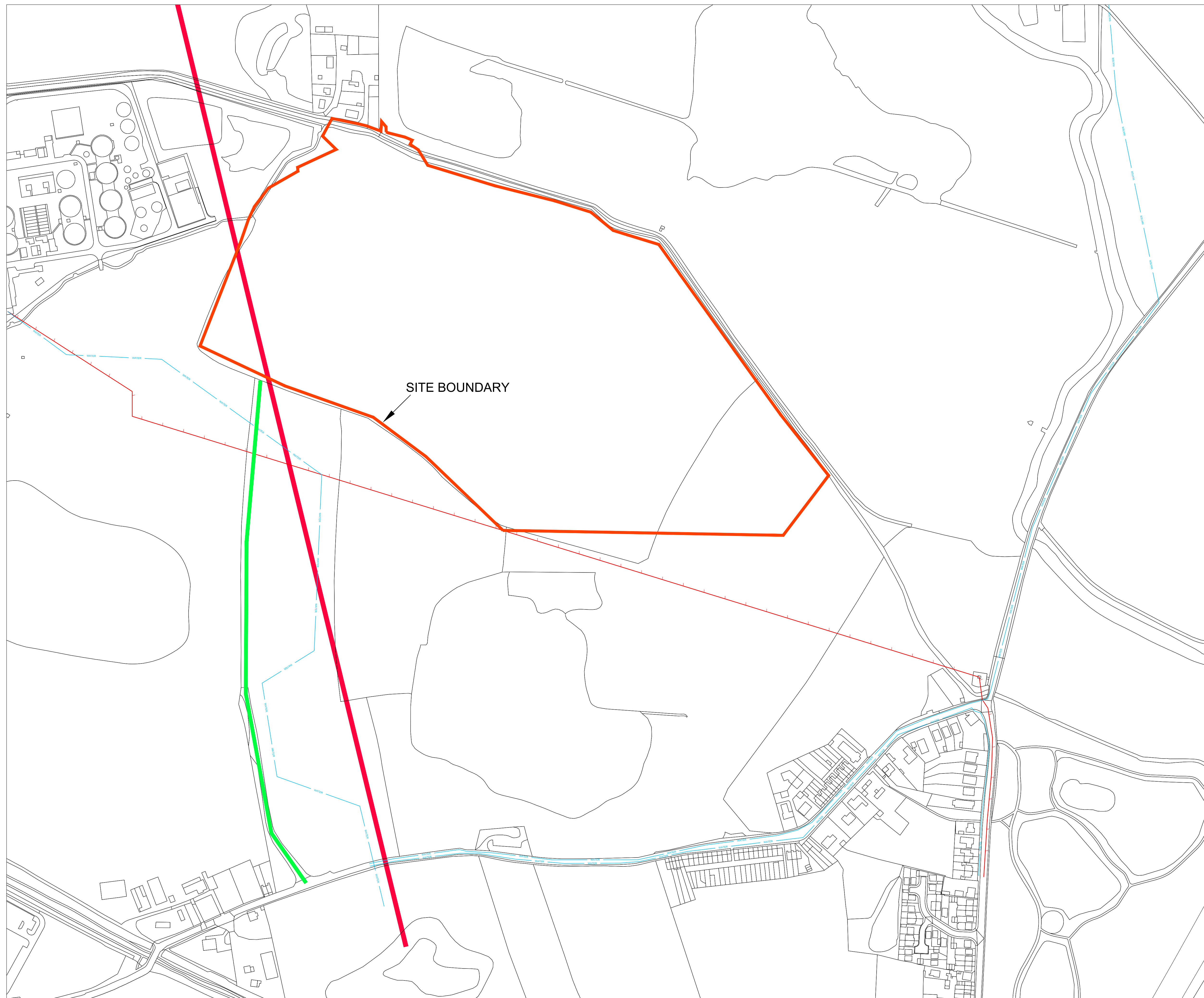
Wings Across the Ings

Culvert head walls - 2

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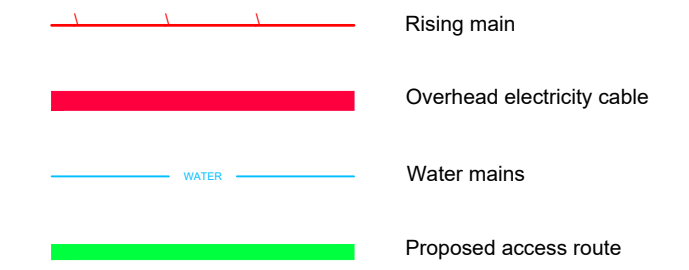
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	2016s3858-WT11-Culvert head walls	
Digital File Name: -2		

Drawing Number: 2016s3858-WT11	Rev.: 	Sheet No.: 1 of 1
Status:		



General Notes

1. All dimensions shown are in millimetres unless otherwise stated and levels in metres to Ordnance Datum.
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3. Any discrepancies noted on site are to be reported to the Engineer immediately.
4. All works in watercourses will be carried out with care to minimise the risk of pollution adhering to Pollution Prevention Guidelines.
5. The locations of any known services shown on drawing are approximate and for guidance only. The Contractor will confirm the location of any services prior to the commencement of any works.
6. The electronic model of this drawing is not to be used for setting out.



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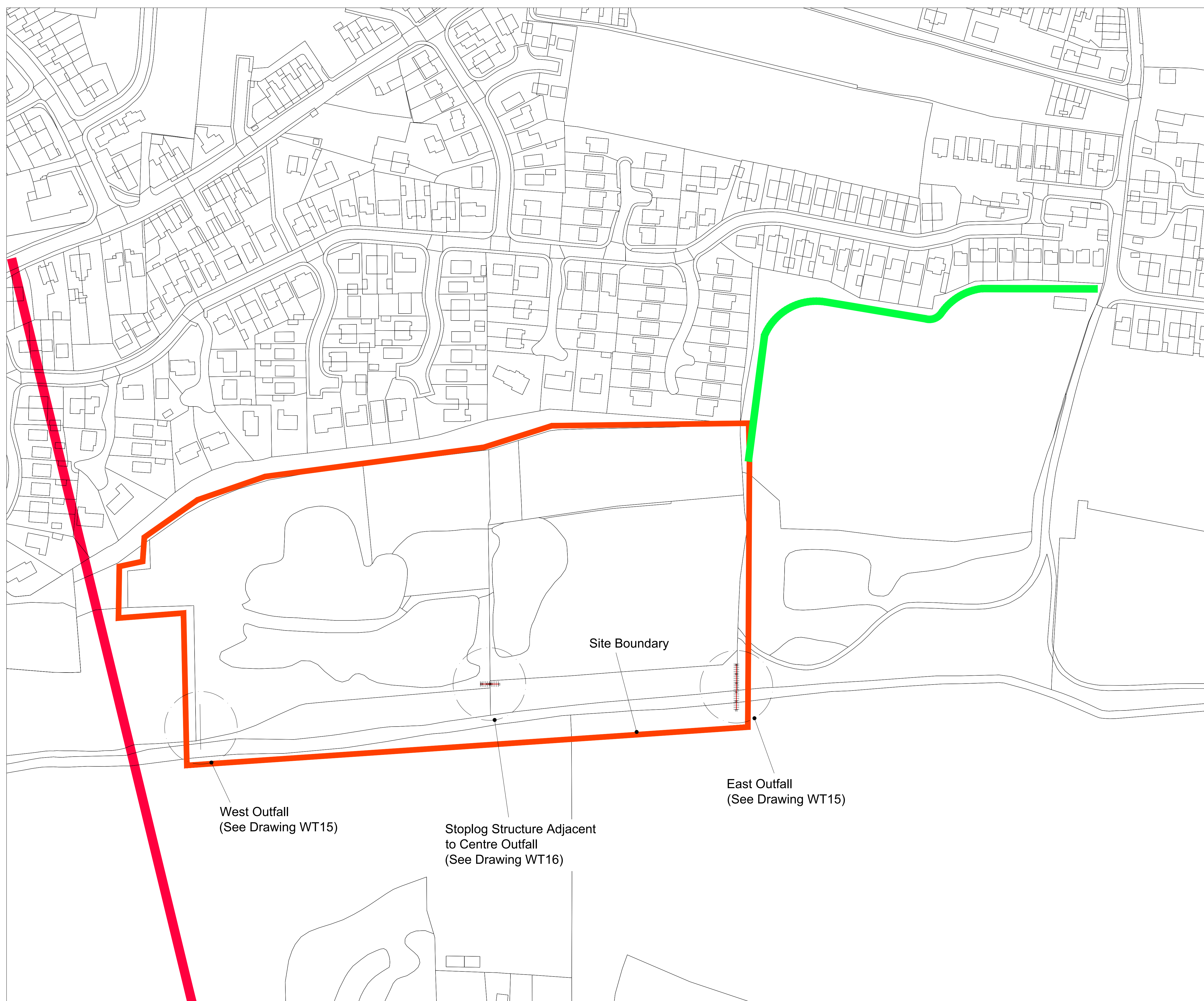
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Wombwell Wetlands Extension Scheme
Wings Across The Ings
Site Access and Existing Services Layout

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2016s3858-WT13-Site Access and Services	Approved:
Digital File Name:	

Drawing Number:	Rev.:	Sheet No.:	Status:
2016s3858-WT13		1 of 1	



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[illegible]

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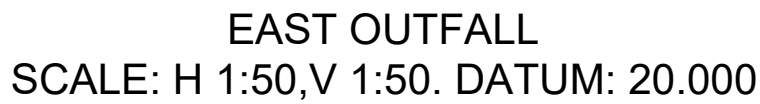
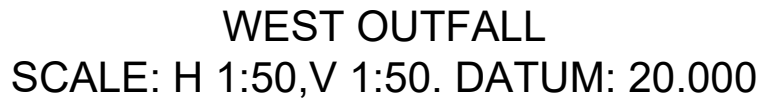
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Doveside

Site Boundary and Layout

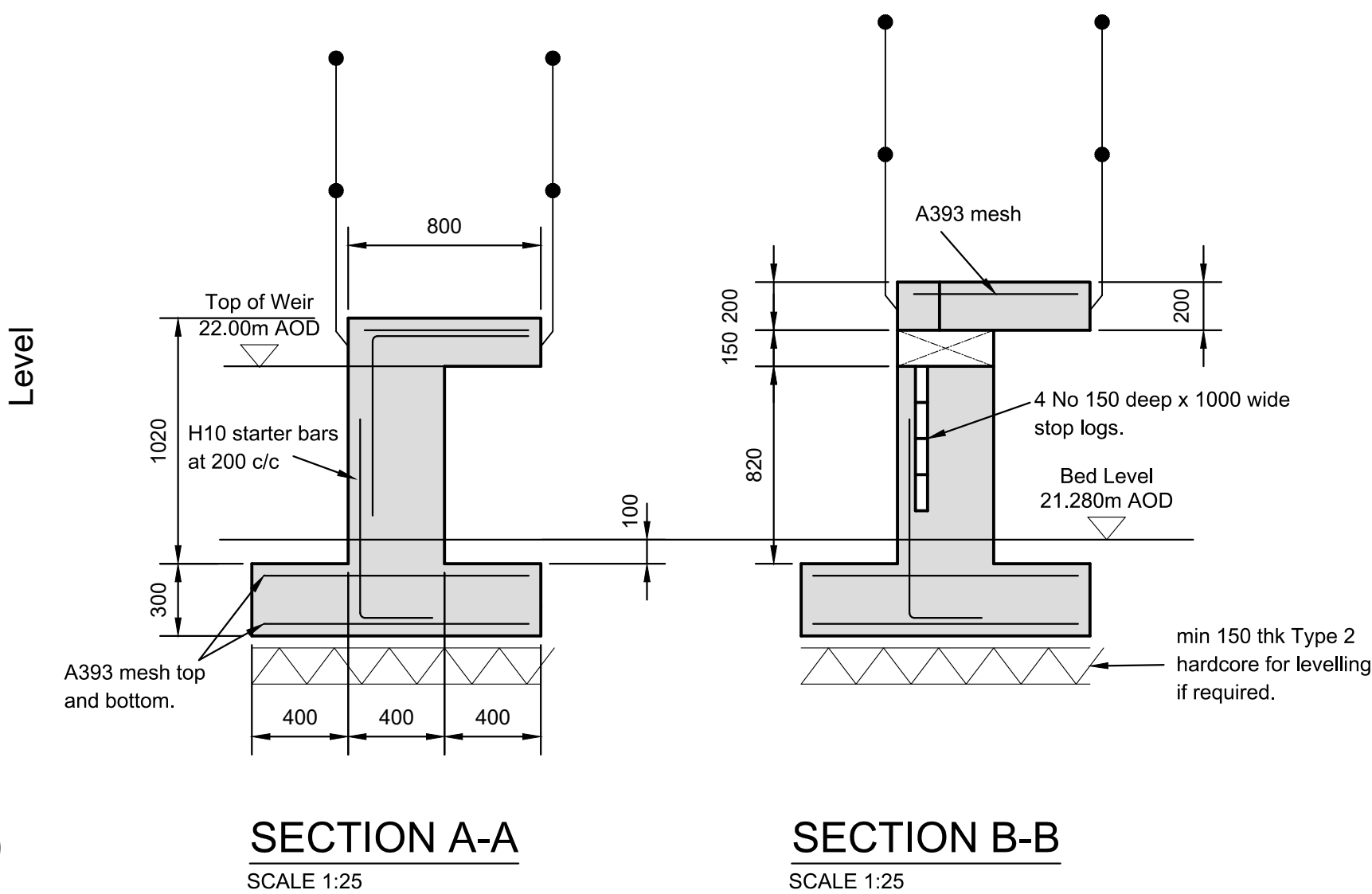
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Digital File Name:	2016s3858-WT14-Site Boundary and Layout	
Drawing Number:	Rev.:	Sheet No.:
2016s3858-WT14		1 of 1
		Status:



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	Checked:	
	Approved:	
Digital File Name:	2016s3858-WT15-West and East Outfalls	
Drawing Number:	Rev.:	Status:
2016s3858-WT15	1 of 1	



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5. The locations of any known services shown on drawing are approximate and for guidance only. The Contractor will confirm the location of any services prior to the commencement of any works.
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Proposed Stoplog Structure

Adjacent to Centre Outfall

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Scale:

1:25 @ A1

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Designed:	Gregory Parkinson	09/10/2017
Checked:		
Approved:		

Digital File Name:	2016s3858-WT16-Stoplog Structure		
Drawing Number:	Rev.:	Sheet No.:	Status:
2016s3858-WT16		1 of 1	

