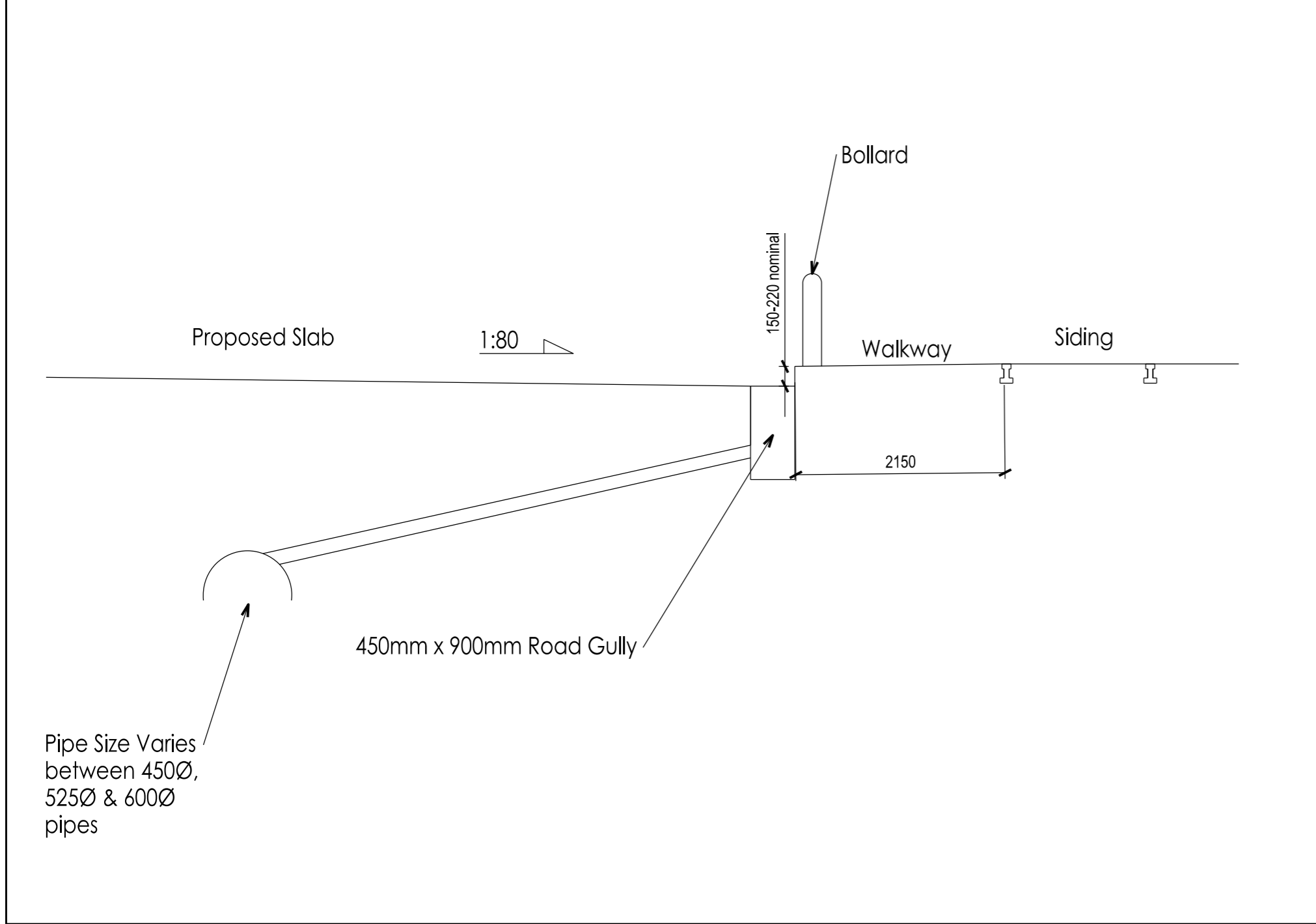
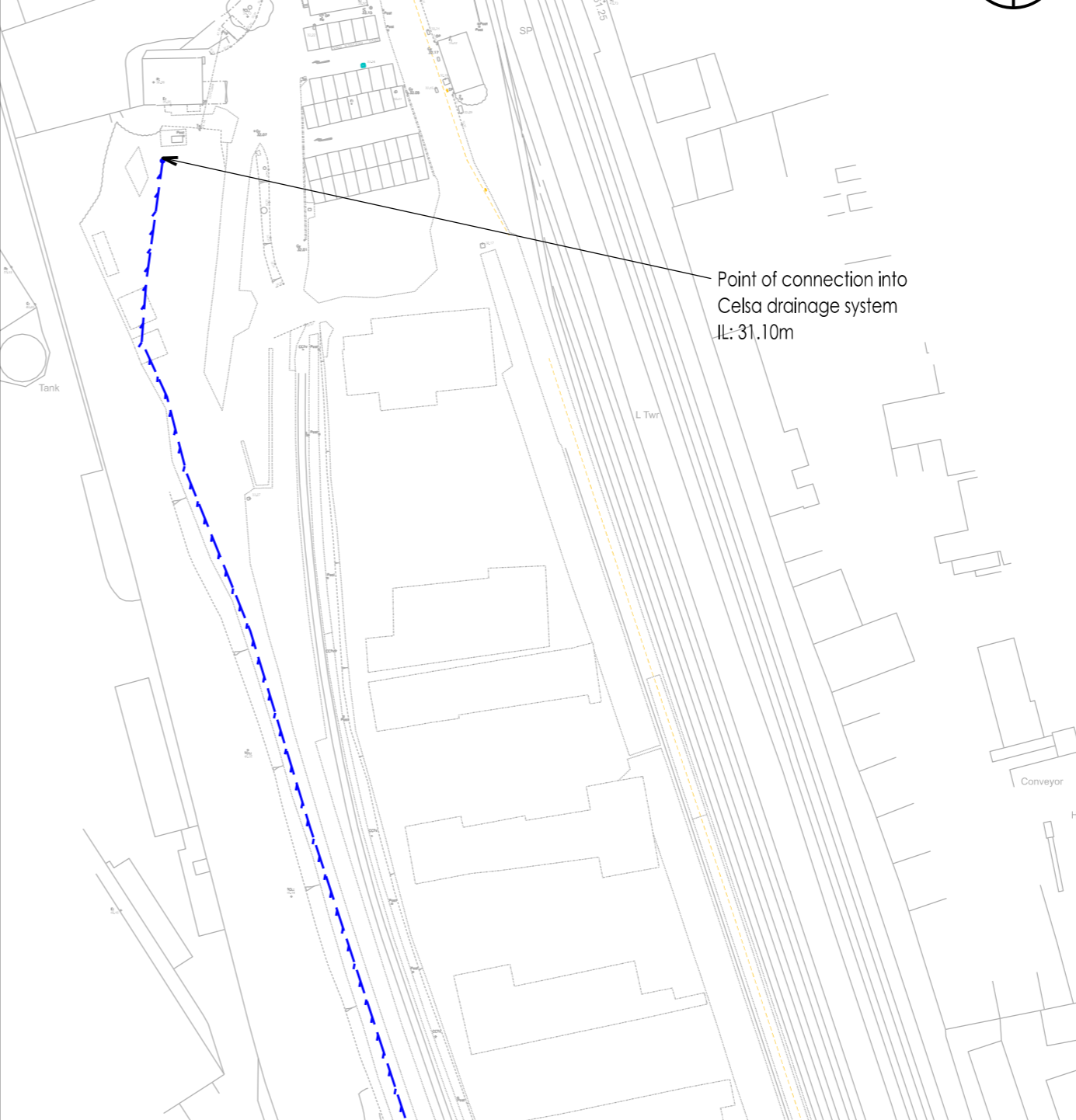


Proposed Cross-Section Through Drainage / End of Slab  
Scale 1:50



Proposed Scrap Handling Site Overview  
Scale 1:1250



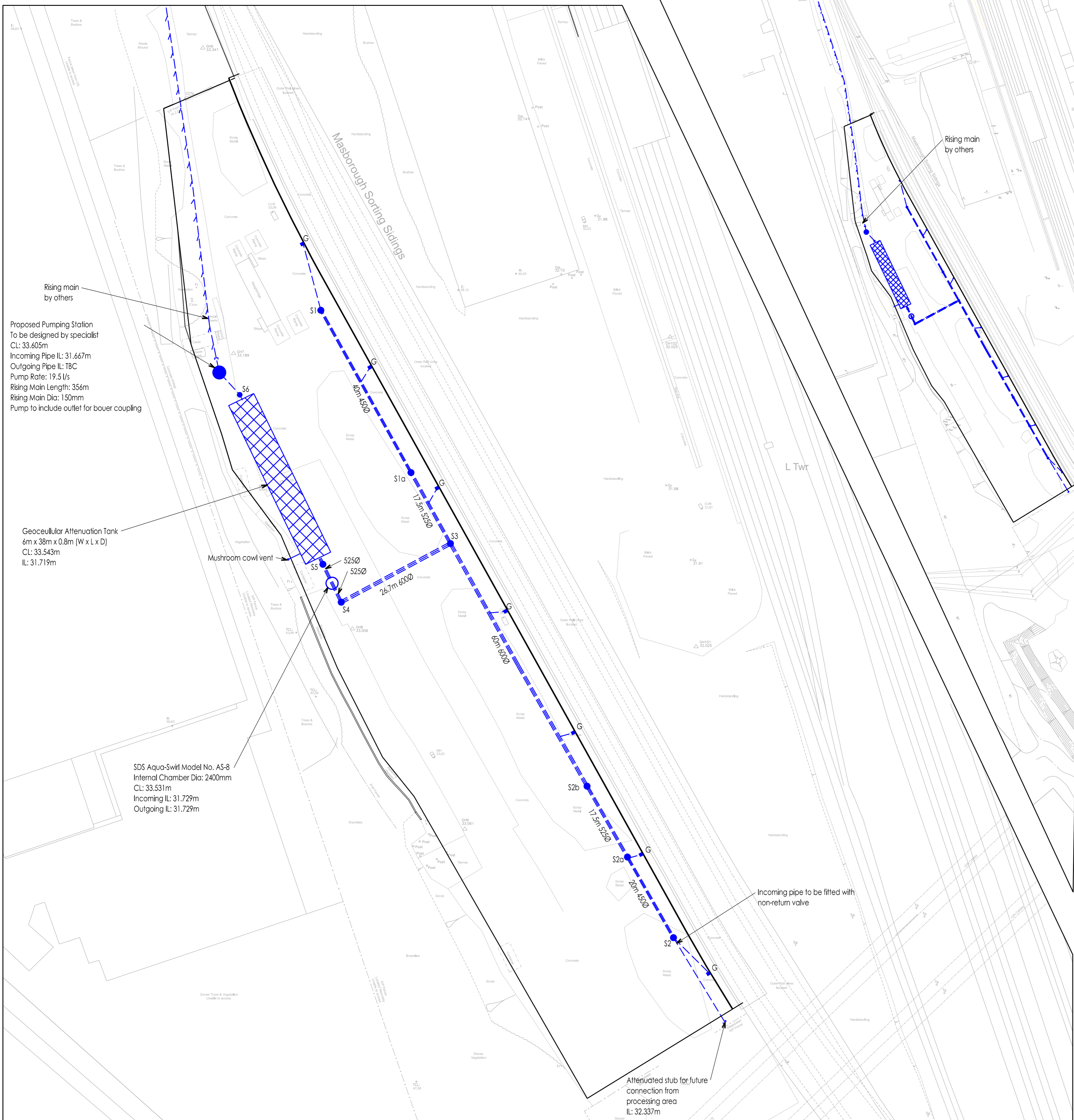
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Contractors must verify all dimensions, levels and co-ordinates of the site before commencing any work or making any shop drawings; no dimensions to be taken from drawing.

Key:

Proposed Surface Water Drain	
Proposed Surface Water Manhole	
Proposed Attenuation Tank	
Proposed Oil Interceptor	
Proposed Pumping Station	
Proposed Rising Main	
Proposed Drainage Gully	



Proposed Scrap Handling Area Drainage Layout  
Scale 1:500

Drainage Schedule - Surface Water

MH Ref.	Cover Level	Invert Level	MH Depth	MH Material	MH Size	MH Cover	Pipe Ref.	Upstream IL	Downstream IL	Pipe Dia	Distance	Pipe Gradient 1:X	Pipe Material
S1	33.235	32.100	1.135	Concrete	1500	D400	S1-S1a	32.100	32.000	450	40.000	400	Plastic
S1a	33.195	31.925	1.270	Concrete	1500	D400	S1a-S3	31.925	31.881	525	17.500	398	Plastic
S2	33.231	32.200	1.031	Concrete	1500	D400	S2-S2a	32.200	32.150	450	20.000	400	Plastic
S2a	33.185	32.075	1.110	Concrete	1500	D400	S2a-S2b	32.075	32.031	525	17.500	398	Plastic
S2b	33.235	31.956	1.279	Concrete	1500	D400	S2b-S3	31.956	31.806	600	60.000	400	Plastic
S3	33.200	31.806	1.394	Concrete	1500	D400	S3-S4	31.806	31.738	600	26.750	393	Plastic
S4	33.527	31.738	1.789	Concrete	1500	D400	S4-Interceptor	31.738	31.729	525	3.233	359	Plastic
S5	33.515	31.725	1.790	Concrete	1500	D400	S5 - Attenuation	31.725	31.719	525	0.875	146	Plastic
S6	33.497	31.714	1.783	Concrete	1200	D400	S6-PS	31.714	31.677	150	5.199	141	Plastic
PS	33.525	31.677	TBC	Package	TBC	D400	PS-S16	31.677	TBC	150	365.000	Rising Main	HDPE

Note: All manhole covers to be locking type.

C1	Drainage layout revised, issued for construction	SE	22/7/22	
P2	Drainage channel removed	CM	AG 15/6/22	
P1	Initial Issue	SE	AG 04/22	
Rev	Description	Drn	Vfd	Date

As outlined in section 2.3 of the CIB Industry Guidance to Designers, insignificant risks can usually be ignored, as can risks arising from routine construction activities, unless the design compounds or significantly alters these risks. In accordance with CDM Regulations 8, 9 and 11, any significant risks relating to the design features shown on this drawing have been identified and are annotated thus:

No significant risks have been identified.

Significant risks have been identified - refer to notes on drawing for information on residual risks and any control measures to be employed.

Refer to the current Designer's Risk Assessment sheets for further details.

Designer's Signature **SE** Date **04/22**

Drawing Status **CONSTRUCTION**

**williamsaunders**  
architecture: engineering: building consultancy

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Project	
Scrap Handling Area, Sheffield Road, Rotherham	
Client	
DB Cargo (UK) Ltd	
Title	
Proposed Drainage Layout	
WMS Project Ref.	11658
Drawn	SE
Date	07/04/22
Scale	As Shown
Drawing/Document Reference	
Project	Originator
Zone	Level
Type	Role
Number	Status
Rev.	
11658 - WMS - ZZ - XX - DR - C - 30008 - A - C1	