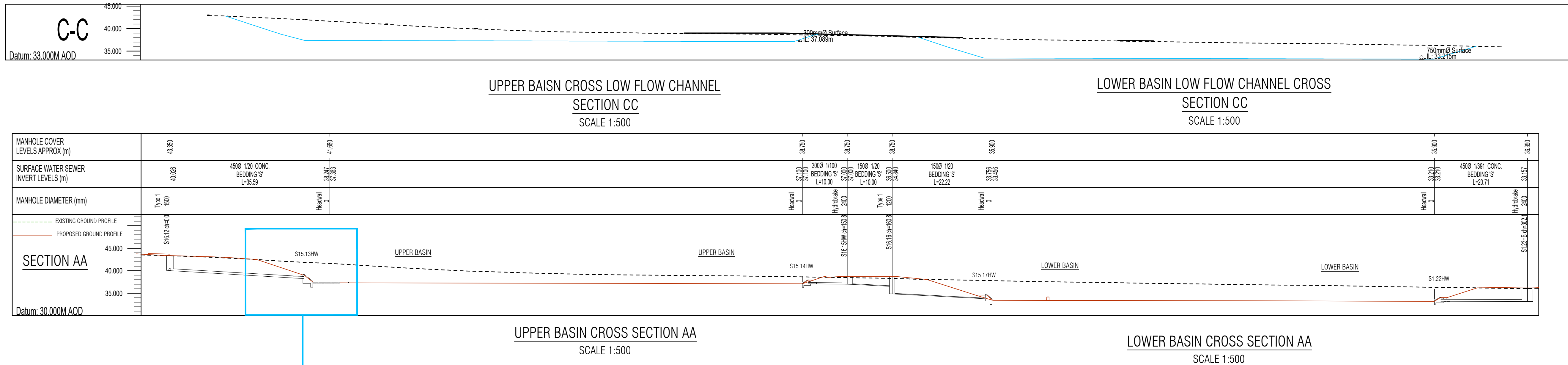


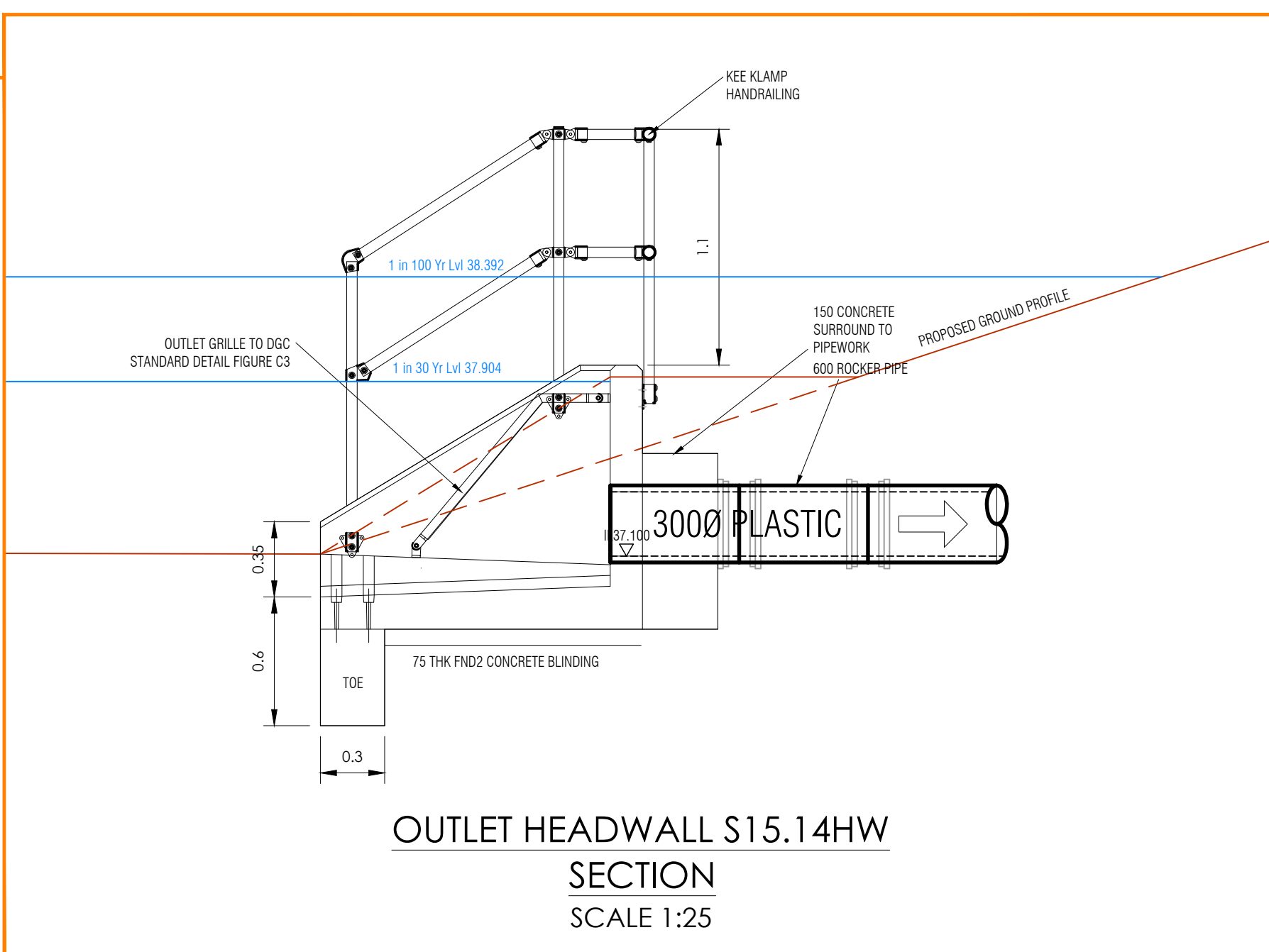
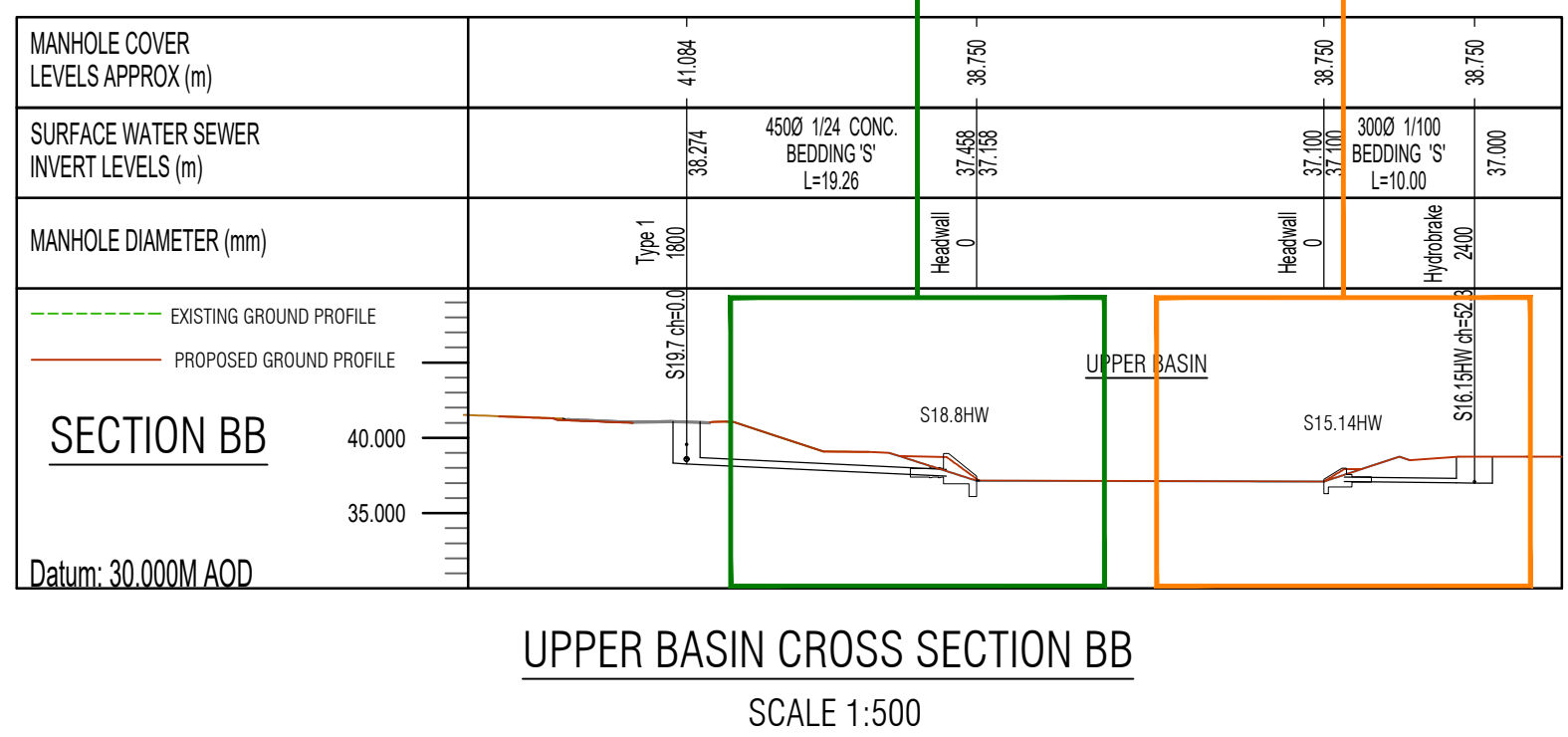
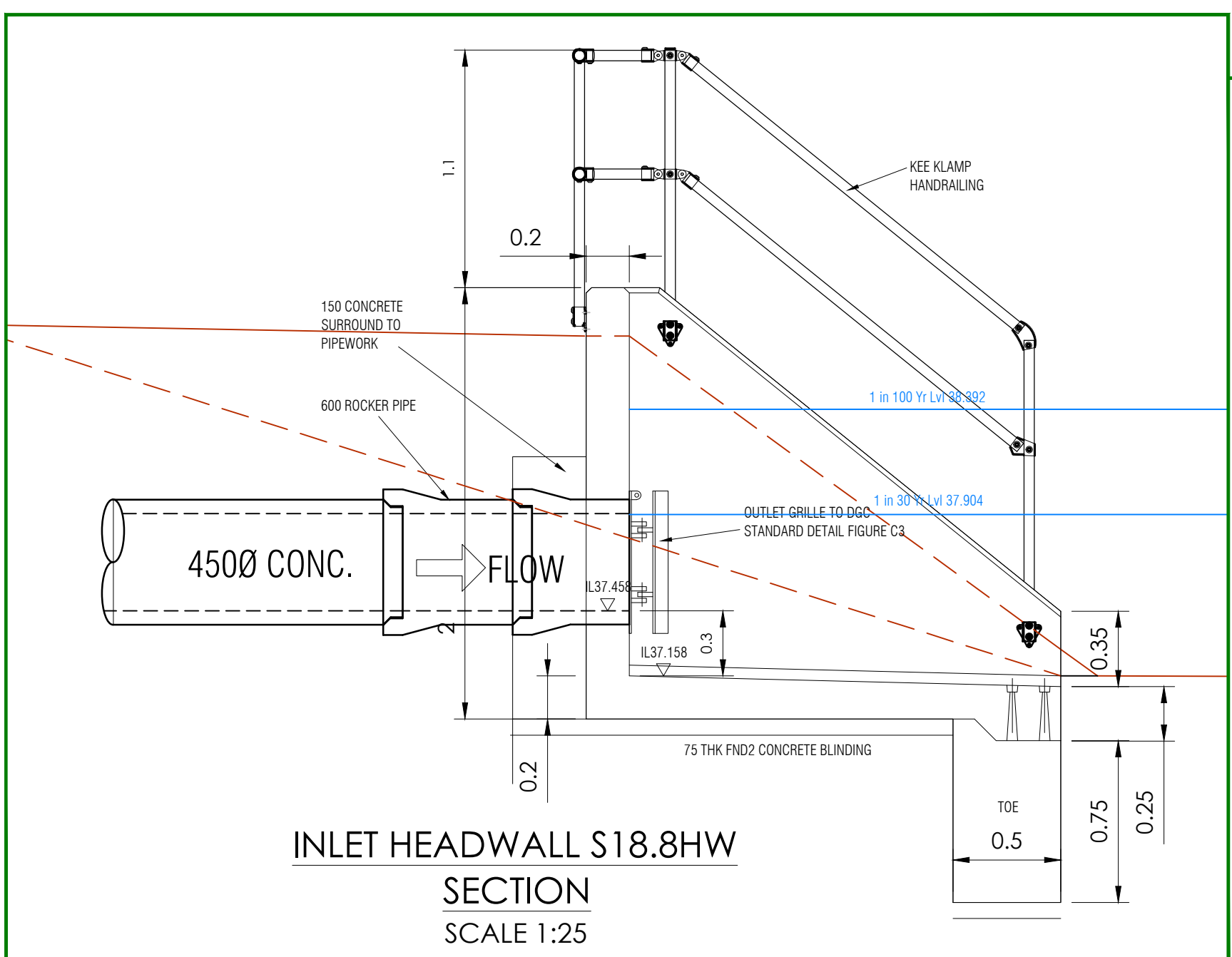
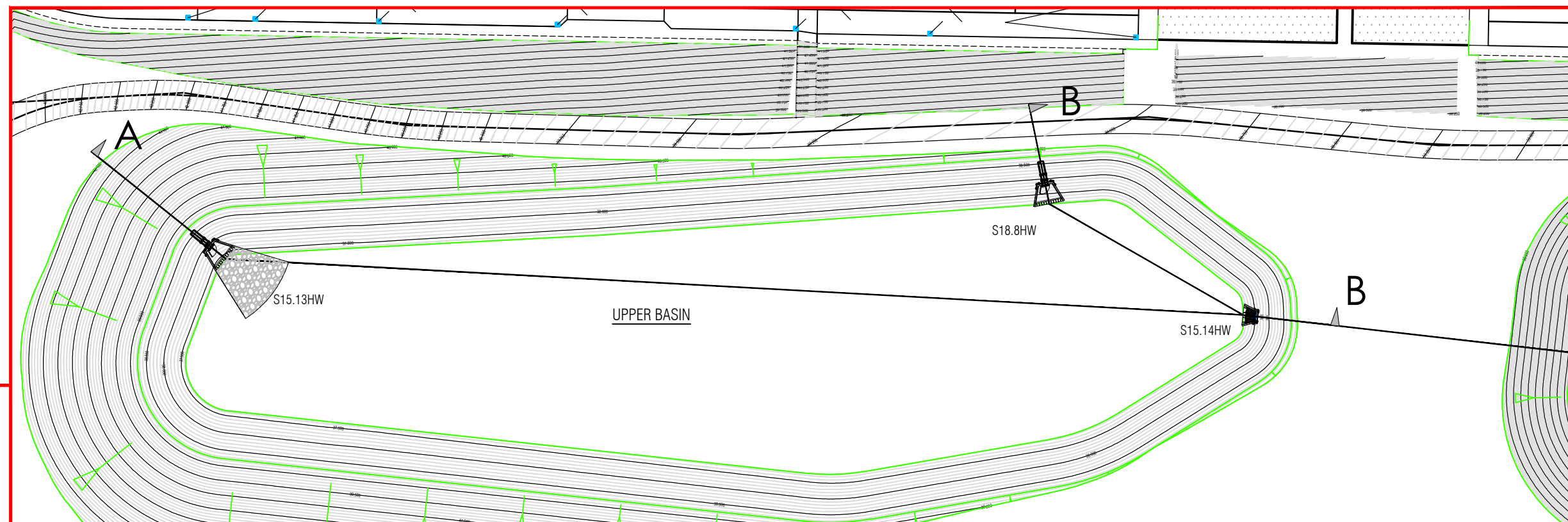
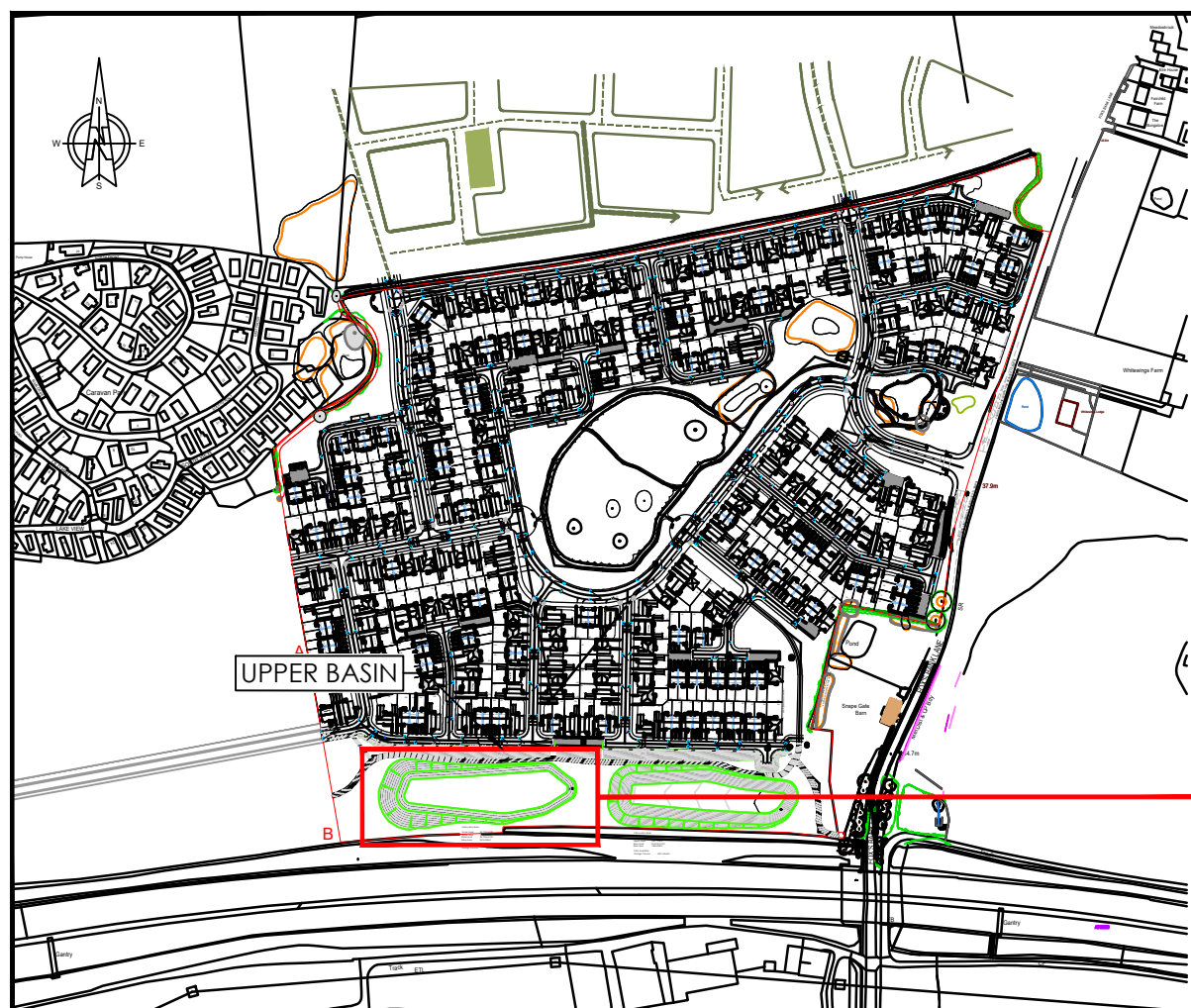
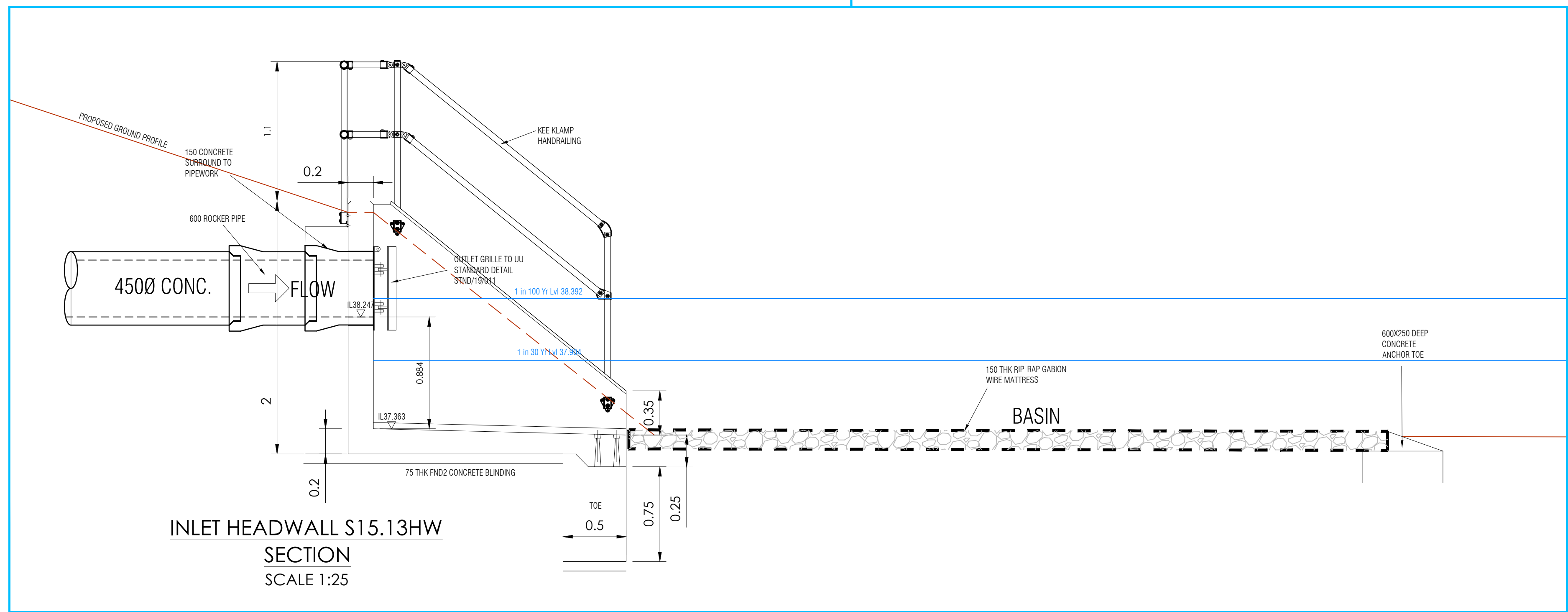
NOTE
DETAILS ON THIS DRAWING ARE SUBJECT
TECHNICAL APPROVALS

NOTES

- a. These 1:20 Manhole Construction Details are for construction purposes ONLY when approval has been obtained from the Statutory Undertaker.
- b. The co-ordinates indicated on these 1:20 Manhole Construction Details relate to the proposed centre of the manhole and not to the pipe intersection; please refer to the Manhole Schedules should this information be required. Please note that the Manhole Schedules are for guidance and information purposes only and NOT to be used for pricing, ordering or construction.
- c. Should any discrepancies be identified between the 1:20 Manholes Construction Details and the Manhole Schedules these should be reported to both the Developer's Engineer and Betts Associates prior to any construction taking place.
- d. Should any discrepancies be identified between the Main Drainage Layout and the Domestic Drainage Layout these should be reported to both the Developer's Engineer and Betts Associates prior to any construction taking place.
- e. All manholes and main drainage to be constructed in accordance with the Standard United Utilities Details listed below:
STND 19 001
STND 19 002
STND 19 003
STND 19 004
STND 19 005
STND 19 007
STND 19 008
STND 19 009
STND 19 010
STND 19 011
STND 19 012
- f. All 1350mm Ø chamber rings to be 'Kitemarked'
- g. Rocker Pipes are required at all inlet and outlet pipes to adoptable manholes, for rocker pipe length's refer to United Utilities variable feature drawing STND/19/010
- h. Concrete surround is required to manhole chamber rings unless otherwise provided
- i. All manhole lateral connections are to be made at soffit level to the main channel



UPPER BASIN					
REF	TYPE	ALTHON REF.	PIPE DIA AND MATERIAL	INVERT ABOVE APRON	GRILLE REF.
S15.13HW	INLET	SFA15C	450 PCC	884	450
S18.8HW	INLET	SFA15C	450 PCC	300	450
S15.14HW	OUTLET	SFA10C	300 PLASTIC	0 CAST ON SPILLWAY	CRANKED



F	13.02.22	Bain and low flow channel removed	MB
E	28.01.22	Amended to per (b) comment	MB
D	22.10.21	Added inlet connection to S15.13HW	MB
C	13.07.21	30 and 100 year water levels added	GW
B	05.07.21	Amended to suit proposed planning layout	GW
A	01.04.21	First issue for client comment	GW

Author: JJC Date: 01/04/21

Check: JJC Date: 01/04/21

Drawn: JJC Date: 01/04/21

Client: Taylor Wimpey

Project title: Halsnood Garden Centre, Phase 1

Whiston

Drawing title: Manhole 1:20 Details

Upper BASIN Details

Headwalls S15.13, S15.14 and S18.8

Scale: As Shown for the original size of A0

Drawn by: CP Checked by: GW

Drawn by: JJC

Date: 22.01.21

Approval

Job No: TAY90

Project: BET

Volume: 1068

Type: C

Number: 1068

Revision: D

Do not scale this drawing

6-7 Old Marsh Farm Barn, Main Road, Sedgely, Rotherham, S15 2LJ

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