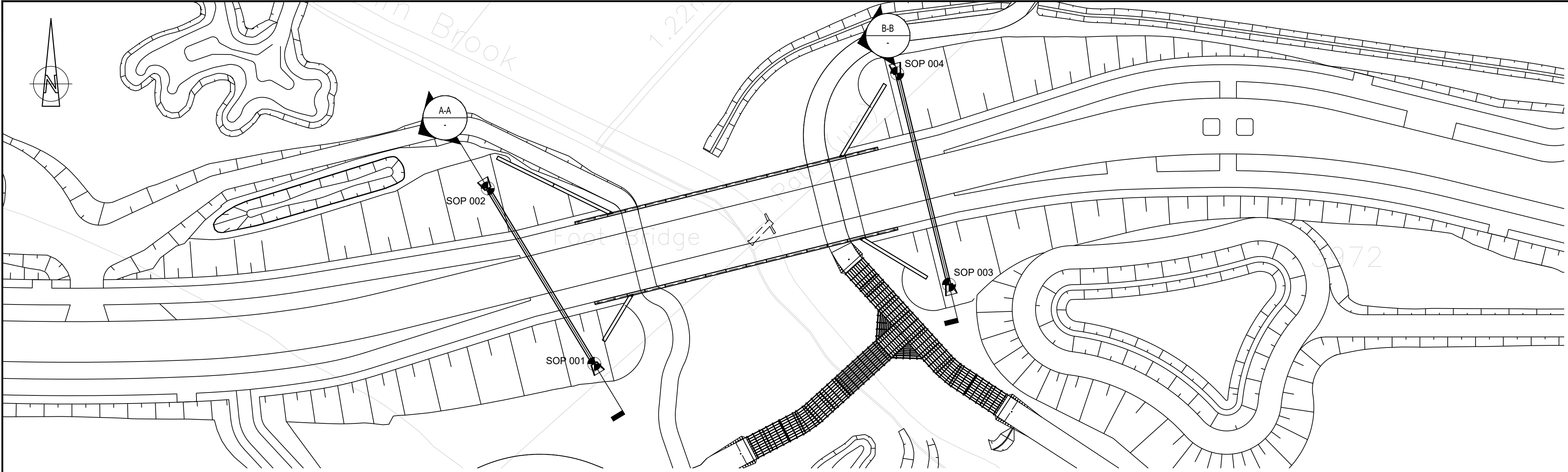
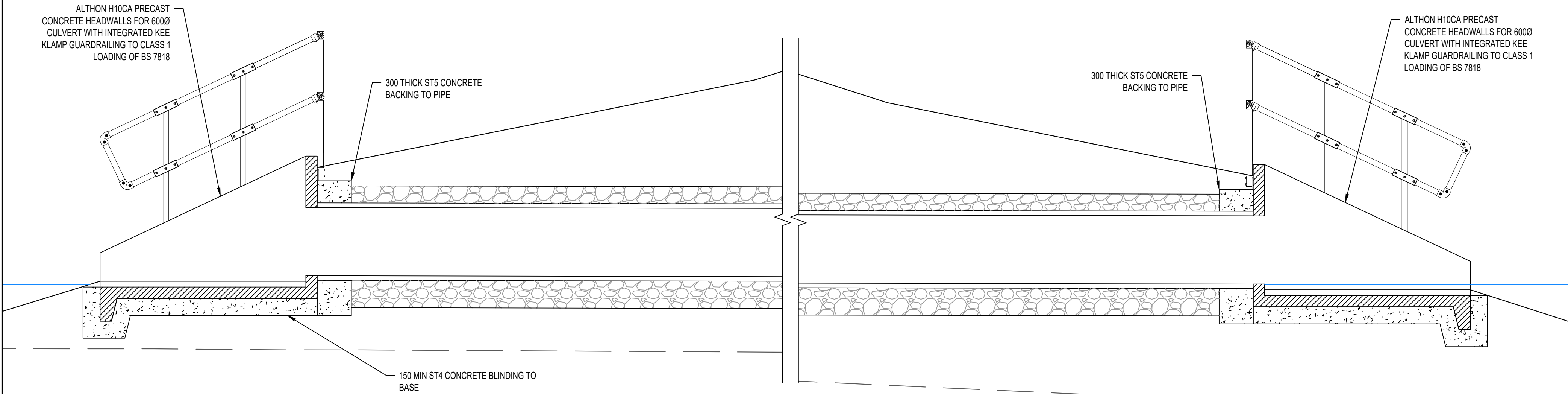


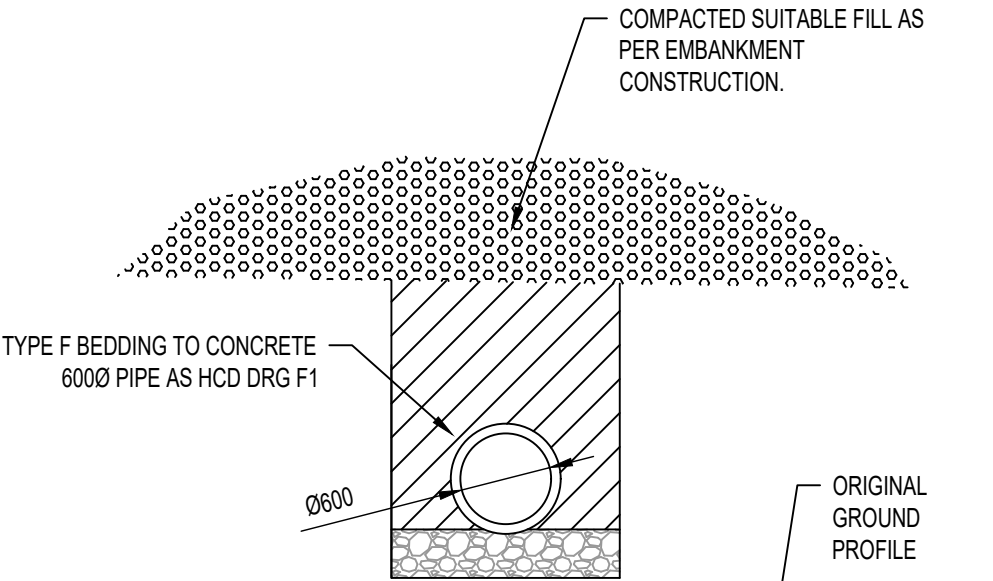


PLAN
1:500

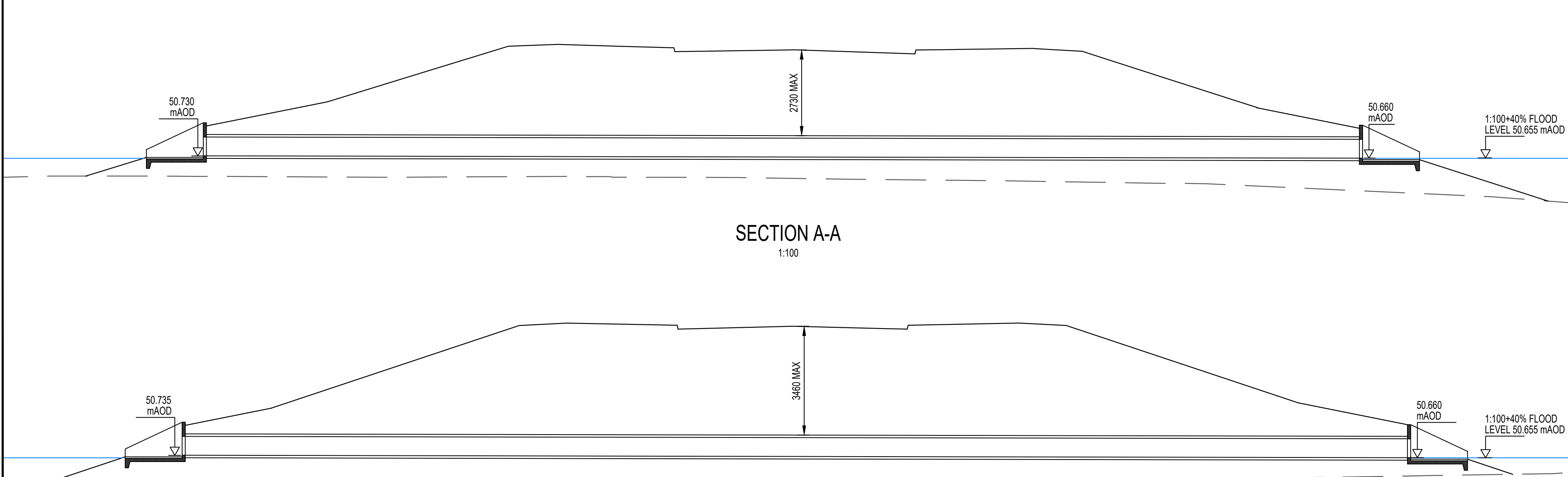
SETTING OUT POINTS		
SOP	X	Y
SOP 001	481256.349	167706.760
SOP 002	481237.224	167738.292
SOP 003	481320.127	167720.986
SOP 004	481310.801	167758.938



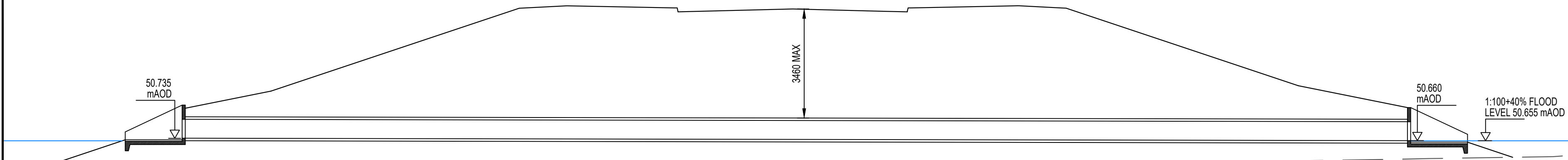
TYPICAL CULVERT SECTION
(SECTION ALONG C.L. OF CULVERT)
SCALE 1:25



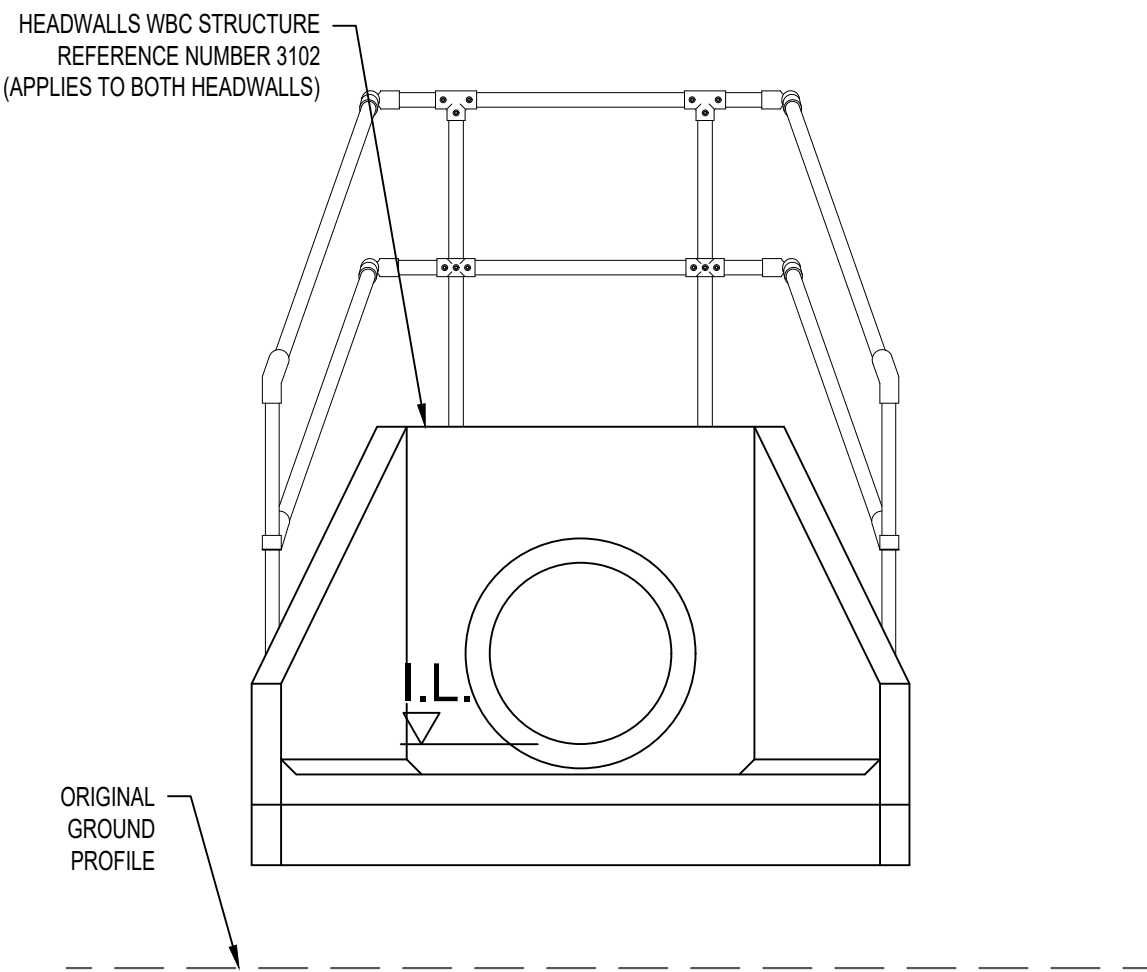
PIPE BEDDING DETAIL
SCALE 1:50



SECTION A-A
1:100



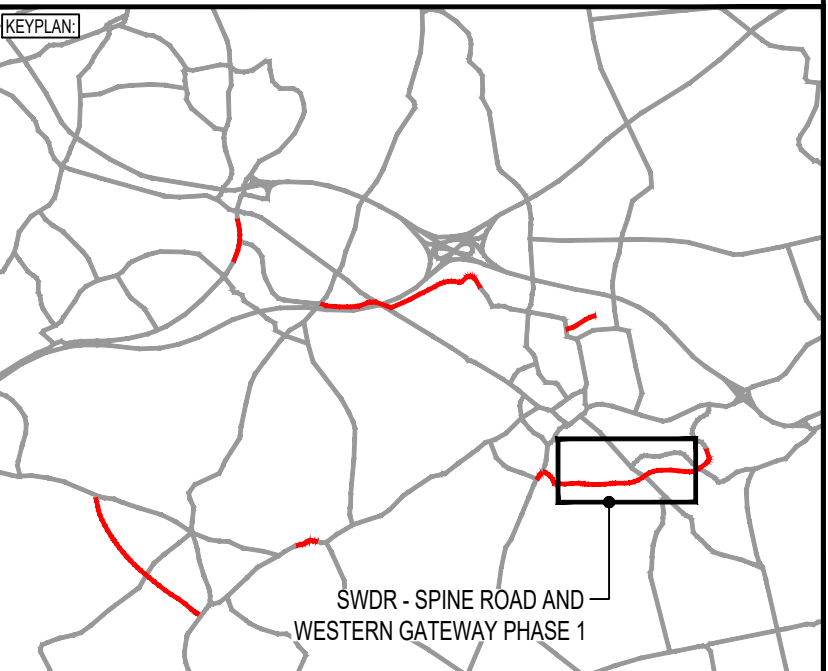
SECTION B-B
1:100



HEADWALL ELEVATION
SCALE 1:25

DO NOT SCALE

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
 - INTEGRATED GUARDRAIL ON HEADWALL TO BE HOT DIP GALVANISED TUBE AND CLAMP 'KEE KLAMP' OR EQUIVALENT AND MEET CLASS 1 LOADING OF 500N/m TO BS 7818.
 - DRAWING TO BE READ IN CONJUNCTION WITH CULVERT LOCATION PLAN WMHP-TG-SRWG1-DR-DD-0534
 - CONCRETE PIPES TO BE CE-MARKED TO BS EN 1916. PIPES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - PRECAST HEADWALL TO BE DESIGNED BY PRECASTER BASED ON BS EN1992-1-1 AND SHALL BE IN ACCORDANCE WITH BS EN13069.
 - FORMATION LEVEL TO BE INSPECTED AND ANY SOFT AREAS (WHERE UNDRAINED SHEAR STRENGTH $C_u < 30$ kPa) TESTED IN ACCORDANCE WITH EARTHWORKS SPECIFICATION WMHP-TG-SRWG1-SP-GE-0601 WITH HAND SHEAR VANE TESTING. SOFT AREAS TO BE DUG AND REPLACED WITH MIN 300 THK CLASS 6A SELF COMPACTING GRANULAR FILL.
 - FLOOD LEVELS BASED ON FLOOD MODELLING BY WSP SHOWN ON DRG. 66439-CUL-001 REV A, DATED 30/09/20.



PO3	18/06/2025	MH	REVISED FOR CONDITION DISCHARGE	DJF	JC
PO2	02/06/2022	HD	MATTERS OUTSTANDING WMHP-TG-SRWG1-RG-DM-0010	BH	JC
PO1	29/09/2021	DJF	FIRST ISSUE	BH	JC
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **SUITABLE FOR APPROVAL** **S5**

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PROJECT:

WOKINGHAM MAJOR HIGHWAYS PROGRAMME
SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE:

HIGHWAYS
MAMMAL
TUNNELS

SHEET 1

SCALE @ A1: AS SHOWN	CHECKED: MH	APPROVED: JC
PROJECT NO: C118047	DESIGNED: DJF	DRAWN: DJF
DRAWING NO: WMHP-TG-SRWG1-DR-DD-0527	DATE: March 21	REV: P03

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