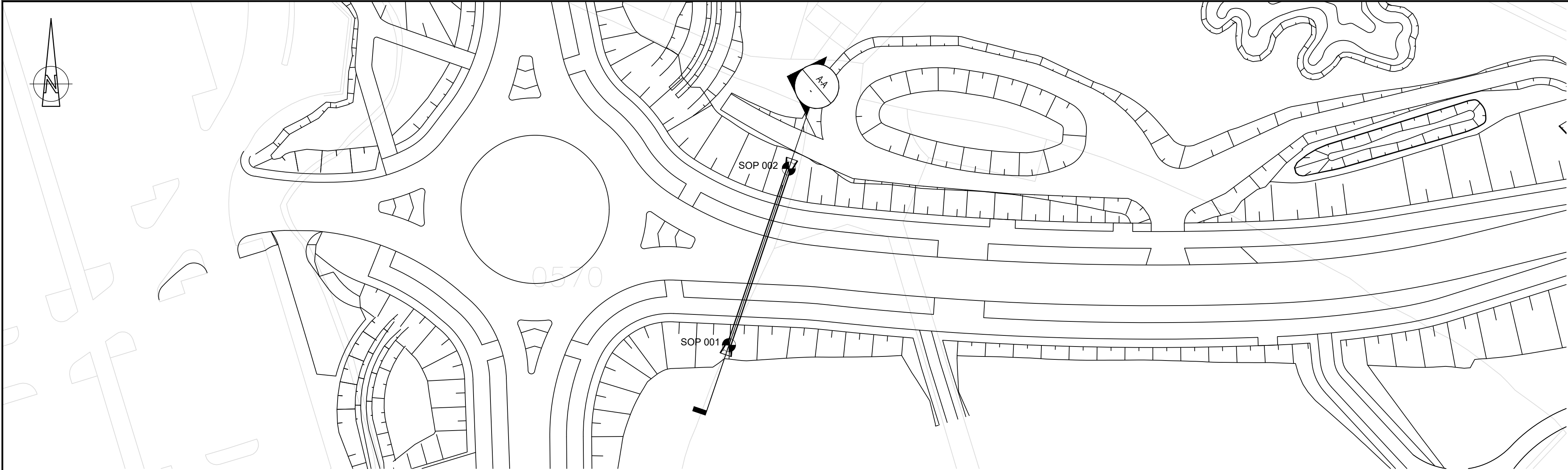
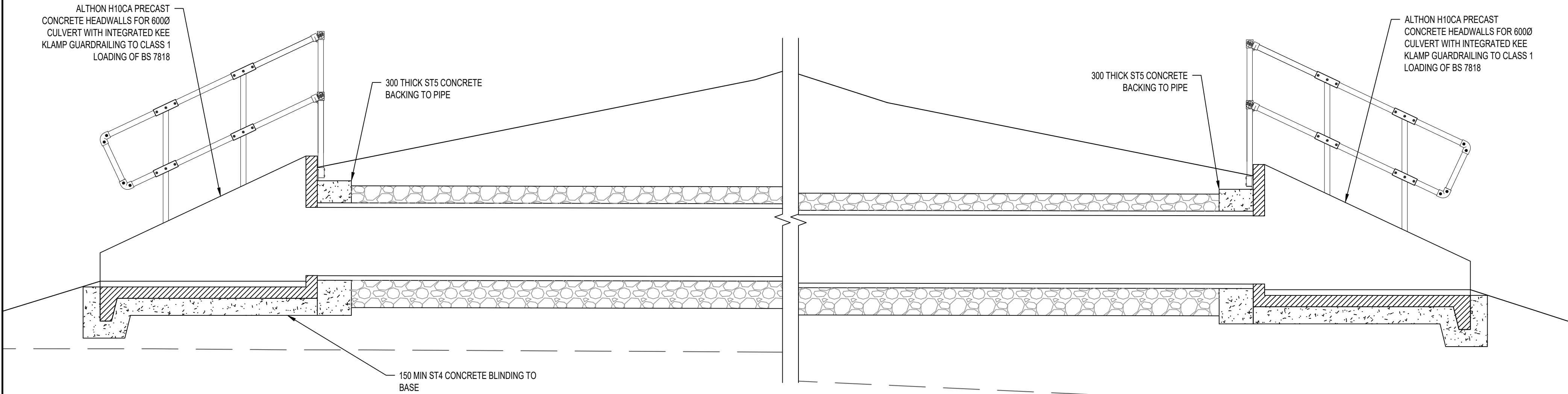




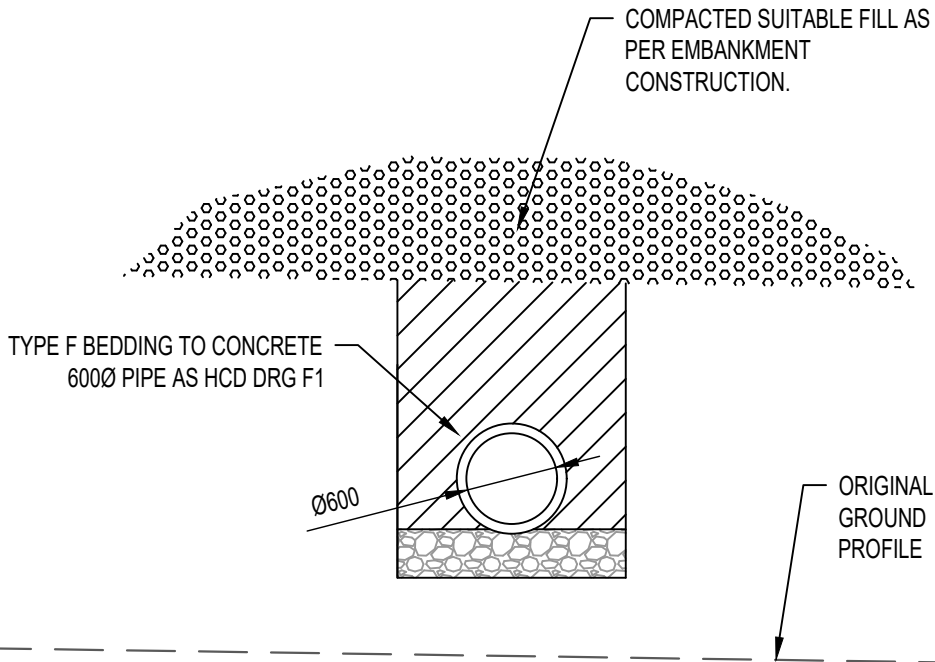
PLAN
1:500

SETTING OUT POINTS		
SOP	X	Y
SOP 001	481086.444	167700.061
SOP 002	481097.118	167731.544

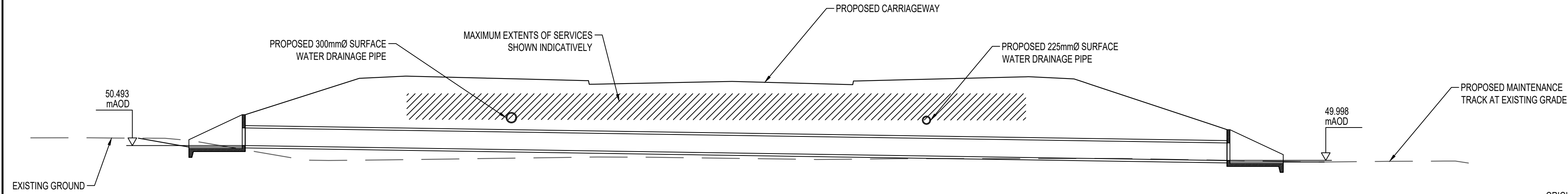
- DO NOT SCALE
- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
 - INTEGRATED GUARDRAIL ON HEADWALL TO BE HOT DIP GALVANISED TUBE AND CLAMP "KEE KLAMP" OR EQUIVALENT AND MEET CLASS 1 LOADING OF 500N/m TO BS 7818.
 - DRAWING TO 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 EN13369.
 - 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.



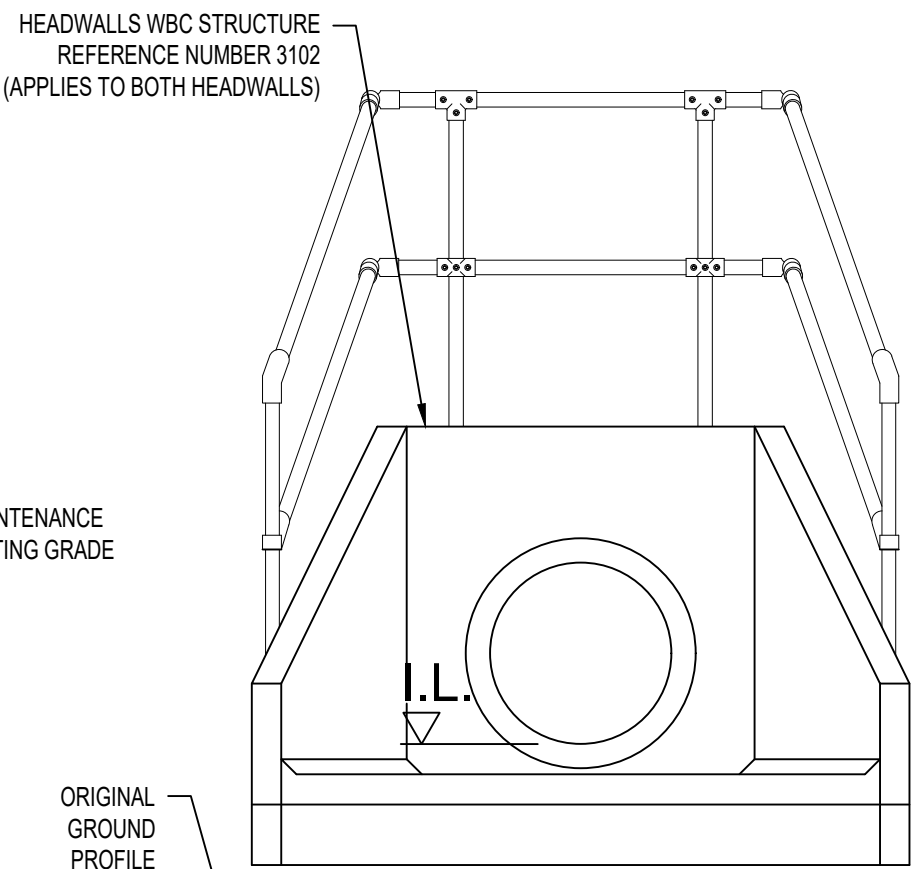
TYPICAL CULVERT SECTION
(SECTION ALONG C.L. OF CULVERT)
SCALE 1:25



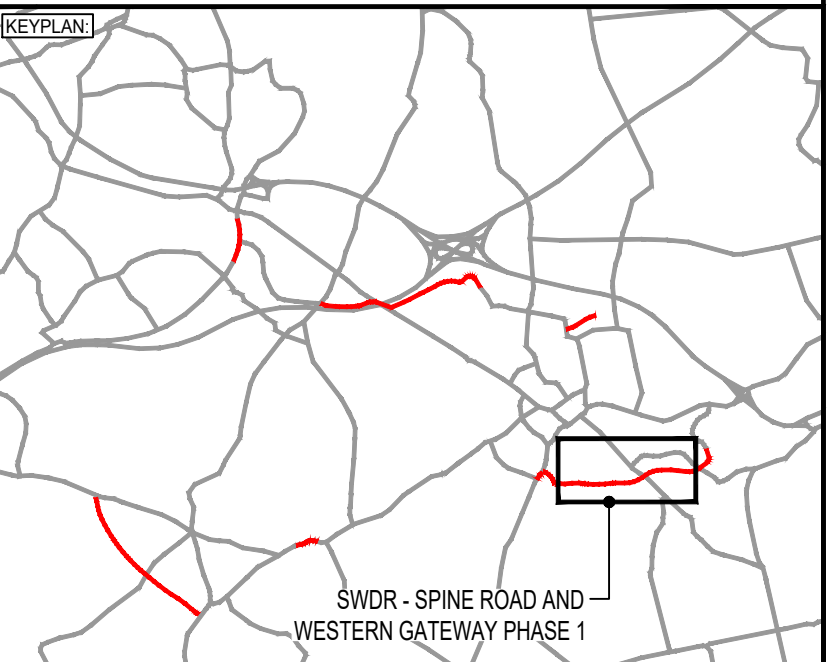
PIPE BEDDING DETAIL
SCALE 1:50



SECTION A-A
1:100



HEADWALL ELEVATION
SCALE 1:25



REV	DATE	BY	DESCRIPTION	CHK	APP
P02	18/09/2025	NH	REVISED FOR CONDITION DISCHARGE	DJF	JC
P01	26/01/2024	NH	FIRST ISSUE	DJF	JC

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

DESIGNER:

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PROJECT: **SPINE ROAD AND WESTERN GATEWAY PHASE 1**

TITLE: **HIGHWAYS MAMMAL TUNNELS**

SHEET 2

SCALE @ A1: AS SHOWN	CHECKED: DJF	APPROVED: JC
PROJECT NO: C118047	DESIGNED: MH	DRAWN: MH
DRAWING No: WMHP-TG-SRWG1-DR-DD-0528		REV: P02

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File name: S:\PROJECTS\2018\C118047\BIM\01-WP\DRAWINGS\WMHP-TG-SRWG1-DR-DD-0528.DWG, printed on: 12 June 2025 14:44:58, by: David Frampton