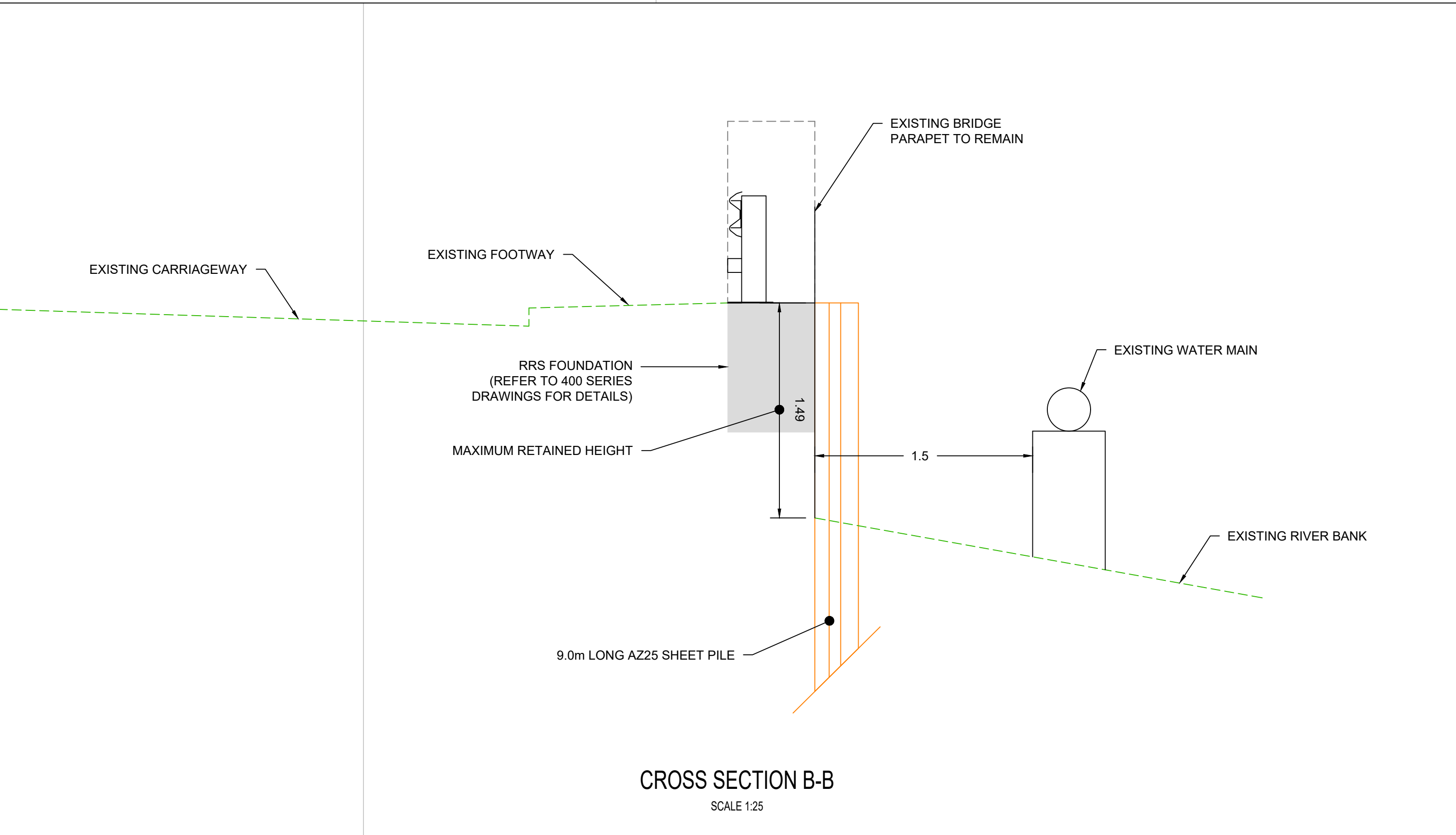
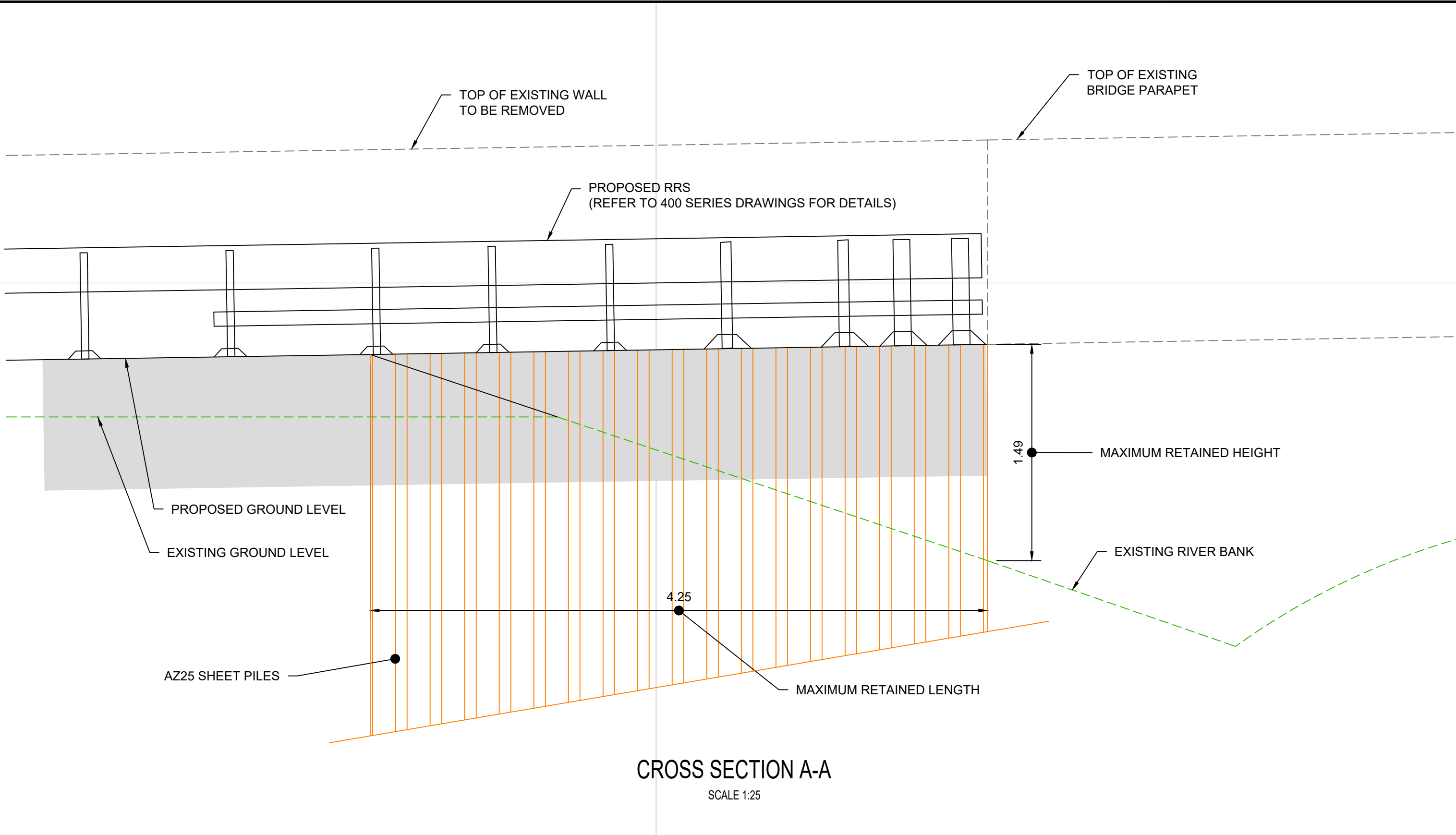
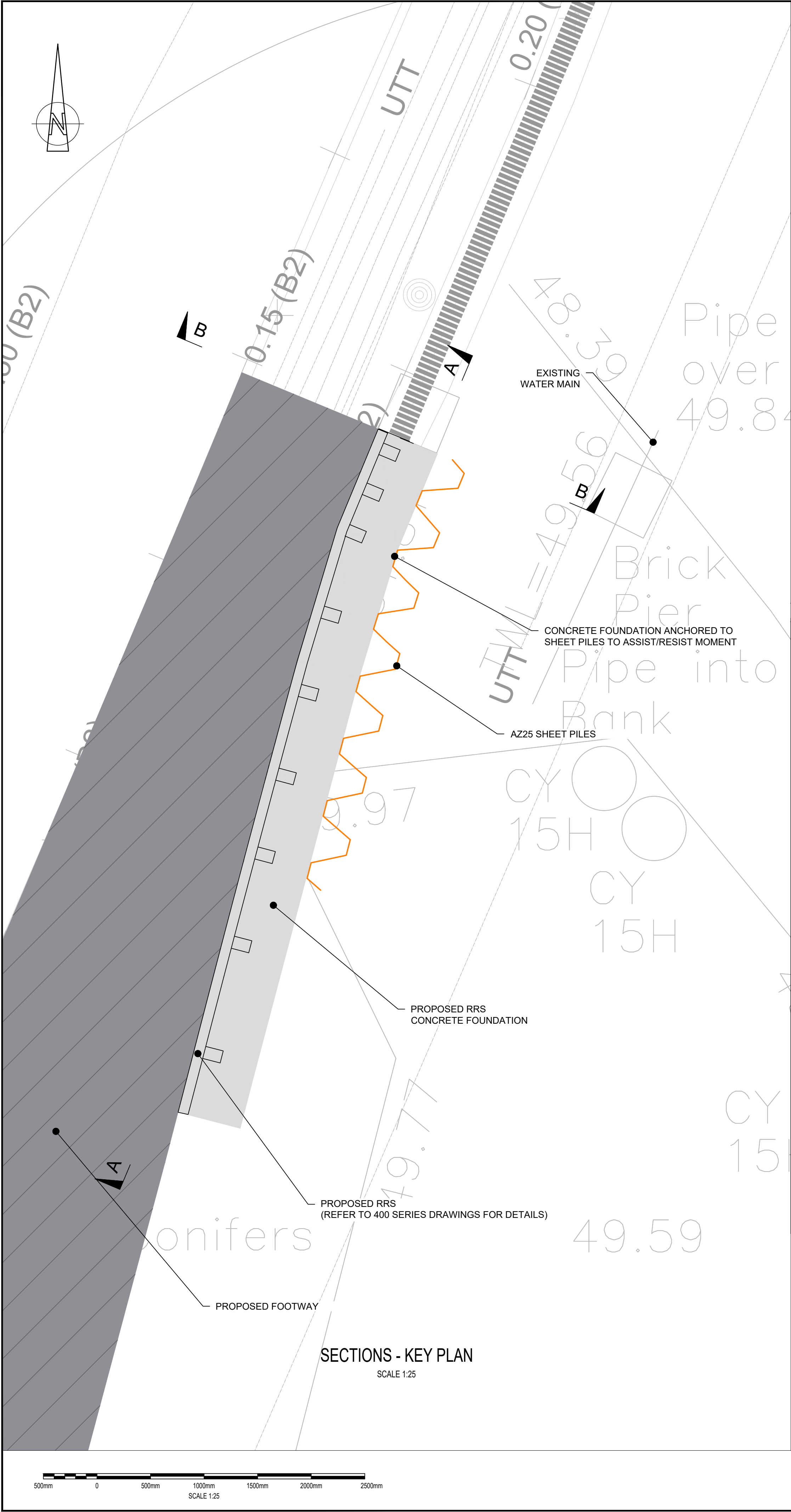




SIGNIFICANT RESIDUAL HAZARDS					
RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE	RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
STRIKING UNDERGROUND SERVICES	D	HAND DIGGING AND CAT SCANNING TECHNIQUES SHALL BE UNDERTAKEN TO LOCATE SERVICES/UTILITIES. MARK UP ON SITE IF REQUIRED. NO WORKS TO BE UNDERTAKEN WITHOUT A VALID PERMIT TO DIG. DIVERTED SERVICES TO BE ACCURATELY RECORDED FOR FUTURE WORKS INCLUDING DECOMMISSIONED PLANT.	GROUNDWATER LEVELS HIGHER THAN EXPECTED - RESULTING IN SLOPE INSTABILITY	C/D	EXCAVATIONS BELOW GROUNDWATER LEVELS FOR REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIALS (BELOW FOUNDATIONS FOR GRAVITY RETAINING WALLS AND EMBANKMENTS) TO BE OF LIMITED DURATION TO PREVENT EXCESSIVE PONDING OF WATER. CONTRACTOR TO OTHERWISE IMPLEMENT SUITABLE GROUNDWATER MANAGEMENT MEASURES.
	C/D	CONTRACTOR TO LIAISE WITH THE LEAD LOCAL FLOOD AUTHORITY TO GAIN FLOOD ALERTS. ENSURE WORKFORCE IS SUITABLY TRAINED AND COMPETENT AND ARE WEARING THE APPROPRIATE LEVEL OF PPE FOR THE INTENDED TASK TO REDUCE THE RISK OF WORKERS CONTRACTING LEPTOSPIROSIS OR WEL'S DISEASE.	GROUND CONDITIONS DIFFER TO THOSE ASSUMED IN DESIGN	C/D / M	ADDITIONAL GROUND INVESTIGATIONS HAVE BEEN UNDERTAKEN WHICH GENERALLY CONFIRM THE DESIGN ASSUMPTIONS. HOWEVER GROUND INVESTIGATIONS HAVE BEEN CARRIED OUT AT DISCRETE POINT LOCATIONS AND IT SHOULD BE NOTED THAT THE NATURE AND CONTINUITY OF THE SUBSURFACE CONDITIONS COULD VARY AWAY FROM THOSE LOCATIONS. IF GROUND CONDITIONS ARE FOUND TO DIFFER FROM THOSE ASSUMED IN THE DESIGN THE CONTRACTOR SHALL INFORM THE DESIGNER (TONY GEE) IMMEDIATELY.
NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer also to the designer's risk documentation.					

DO NOT SCALE

SHEET PILING NOTES

1. PILING SHALL BE IN ACCORDANCE WITH SHW SERIES 1600 AND SPECIFICATION APPENDICES WMHP-TG-SRWG1-SP-GE-1600.

2. ALL SHEET PILES TO BE AZ25 SECTIONS, GRADE S355GP STEEL IN ACCORDANCE WITH BS EN 10248. THE PILING CONTRACTOR MUST CONSIDER DRIVABILITY AND CONSULT WITH THE DESIGNER ON INSTALLATION METHOD (AND ALTERNATIVE SECTIONS IF REQUIRED).

3. SHEETS HAVE BEEN NOTIONALLY SHOWN AT 9.0m LONG.

4. ALL SHEET PILES SHALL BE CLUTCHED TOGETHER.

5. PRE-AUGERING IS PERMITTED TO ENSURE THAT THE SCHEDULED EMBEDDED TOE LENGTH IS ACHIEVED. DIAMETER OF THE PRE-AUGER SHALL BE LIMITED TO NO MORE THAN THE SECTION DEPTH OF AN INDIVIDUAL SHEET PILE. CARE SHALL BE TAKEN TO ENSURE THAT NO SOIL IS REMOVED FROM THE GROUND DURING PRE-AUGERING.

KEYPLAN

SWDR - SPINE ROAD AND WESTERN GATEWAY PHASE 1

P03	09/10/2024	JB	REVISED FOR PLANNING DISCHARGE	JC	JC
P02	02/09/2022	HD	MATTERS OUTSTANDING WMHP-TG-SRWG1-RG-DM-0010	BH	JC
P01	15/09/2021	AMG	DETAILED DESIGN ISSUE	SD	CJT
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: SUITABLE FOR APPROVAL S5

DESIGNER:

Tony Gee and Partners LLP

Hardy House

140 High Street

Esher, Surrey

KT10 9QJ

Tel: 01372 461600

www.tonygee.com

Consulting Civil, Structural and Geotechnical Engineers

CLIENT:

WOKINGHAM

BOROUGH COUNCIL

Shute End, Wokingham, Berkshire RG40 1BN

Tel: (0118) 974 6000 Web: www.wokingham.gov.uk

PROJECT:

SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE:

HIGHWAYS

FINCHAMPSTEAD SHEET PILED WALL

SCALE @ A1:	CHECKED:	APPROVED:
AS SHOWN	JC	RN
PROJECT NO:	DESIGNED:	DRAWN:
C118047	SD	JC
DATE:		September 21

DRAWING No:

WMHP-TG-SRWG1-DR-GE-0651

REV:

P03