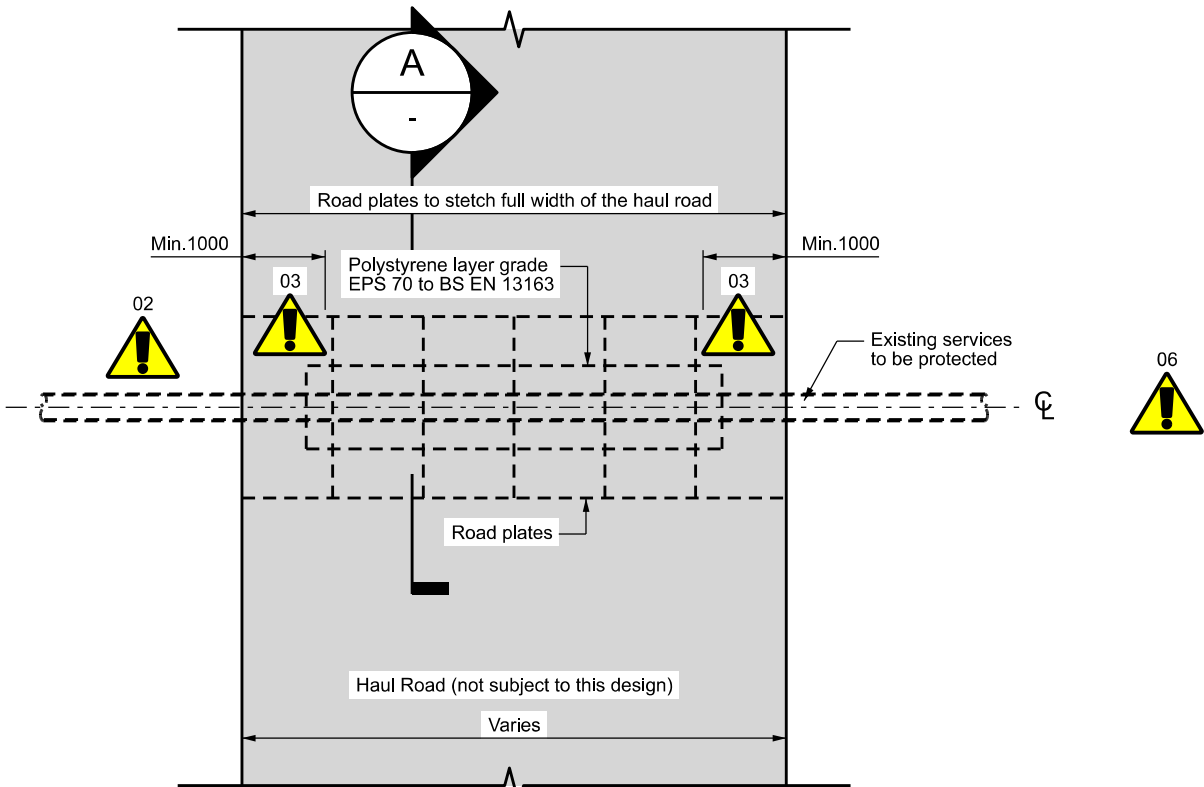
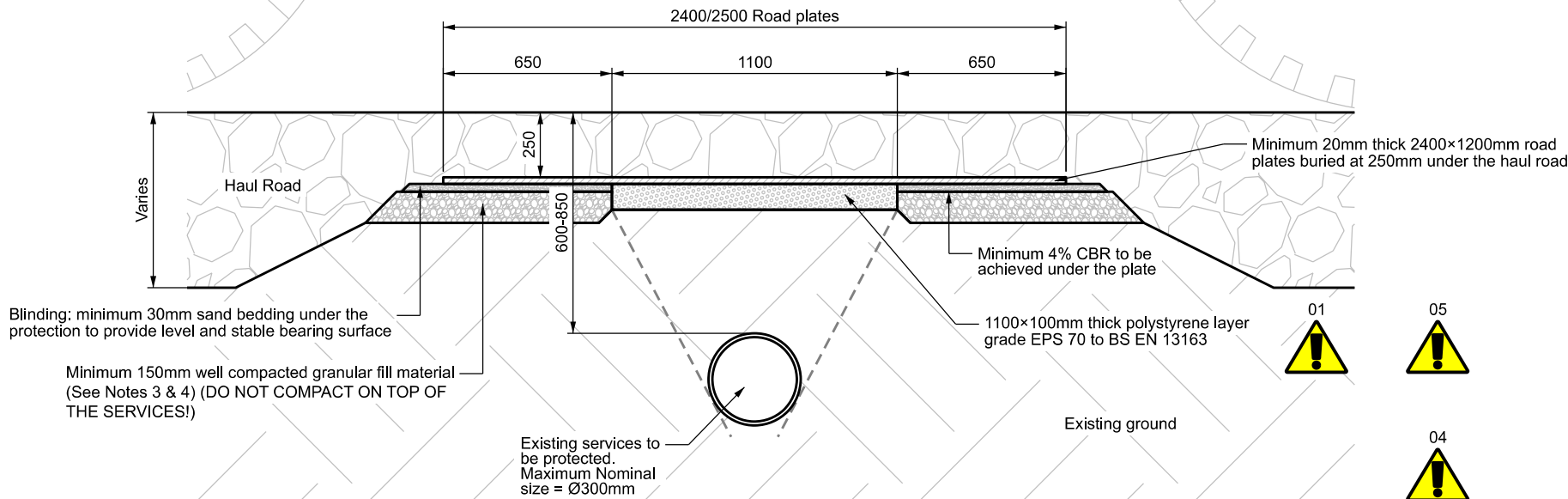




Plan

Scale 1:100 @ A1

Drawing Indicatively



Section A

Scale 1:25 @ A1

ROAD PLATE CROSSING INSTALLATION SEQUENCE:

- Mark up the service underground position.
- Remove topsoil to allow for the construction of the haul road / crossing.
- Place 150mm polystyrene layer on top of the service as shown on the drawing.
- Place min 150mm suitable compacted site material (6F2 / 6C) Note 12) for approx. 1m each side of the polystyrene layer. (Haul Road to follow after the crossing).
DO NOT COMPACT ON TOP OF THE SERVICES!
- Provide sand blinding to ensure a flat and stable bearing surface.

Notes:

- The design is suitable for construction plant with maximum 25tonnes axle load.
- Assessment carried out for Volvo A45G articulated Dumper.
- This design does not include loads from Site traffic.
- Backfill to be 6C granular material or similar approved.
- Properties of the backfill assumed as follow: $\phi=30^\circ$, $\gamma=19\text{kN/m}^3$.
- Soft or unsuitable ground below formation level shall be excavated and filled with granular 6F2/6F5 fill, placed and compacted in layers taking due account of the safety of the pipeline / services. Unsuitable ground includes: organic material (fibrous, spongy or soft dark material), soft clays (cohesive material that can be moulded by light finger pressure).
- All fill shall be placed in accordance with MCHW (specification for highways) Series 0600 table 6.
- Any large voids should be reported to the TWD for investigation.
- Site to maintain access to crossing and monitor rutting.
- Any departure from this design to be discussed with the TW Engineer.

For general guidance and designers risk assessment refer to drawing:
V9N909-VCUK-XX-XX-DR-Y-020601

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C01	For Construction	KB	KL	JPC
25.08.23		ZLK	JR	
Rev.	Comment	By	Chk	Auth
Date		Des	App	

Originator: VINCI CONSTRUCTION UK Contract: N/A

Location: STANDARD SOLUTIONS

Title: Road Plate Service Protection Mat, Type RP2, 25T, Dn < 300 mm

 Copyright © Taylor Woodrow Infrastructure Limited TAYLOR WOODROW INFRASTRUCTURE LIMITED Astral House Imperial Way Watford WD24 4WW Tel: 01923-233433	By:	K. BARTON		
	Designed:	Z. KHUP		
	Checked:	K. LAW		
	Approved:	J. RUSHTON		
	Authorised:	J. CLOSE		
Names shown are valid for current revision	Scale:	As noted		Size: A3

Purpose of Issue: FOR CONSTRUCTION Status: A1

Drawing No: V9N909-VCUK-XX-XX-DR-Y-020603 Revislon: C01