

A30 Chiverton to Carland Cross Environmental Statement

**Volume 6 Document Ref 6.4 ES Appendix 2.1
Traffic Management Plan
Appendix C Contraflow Cross Section**

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C01 | A3

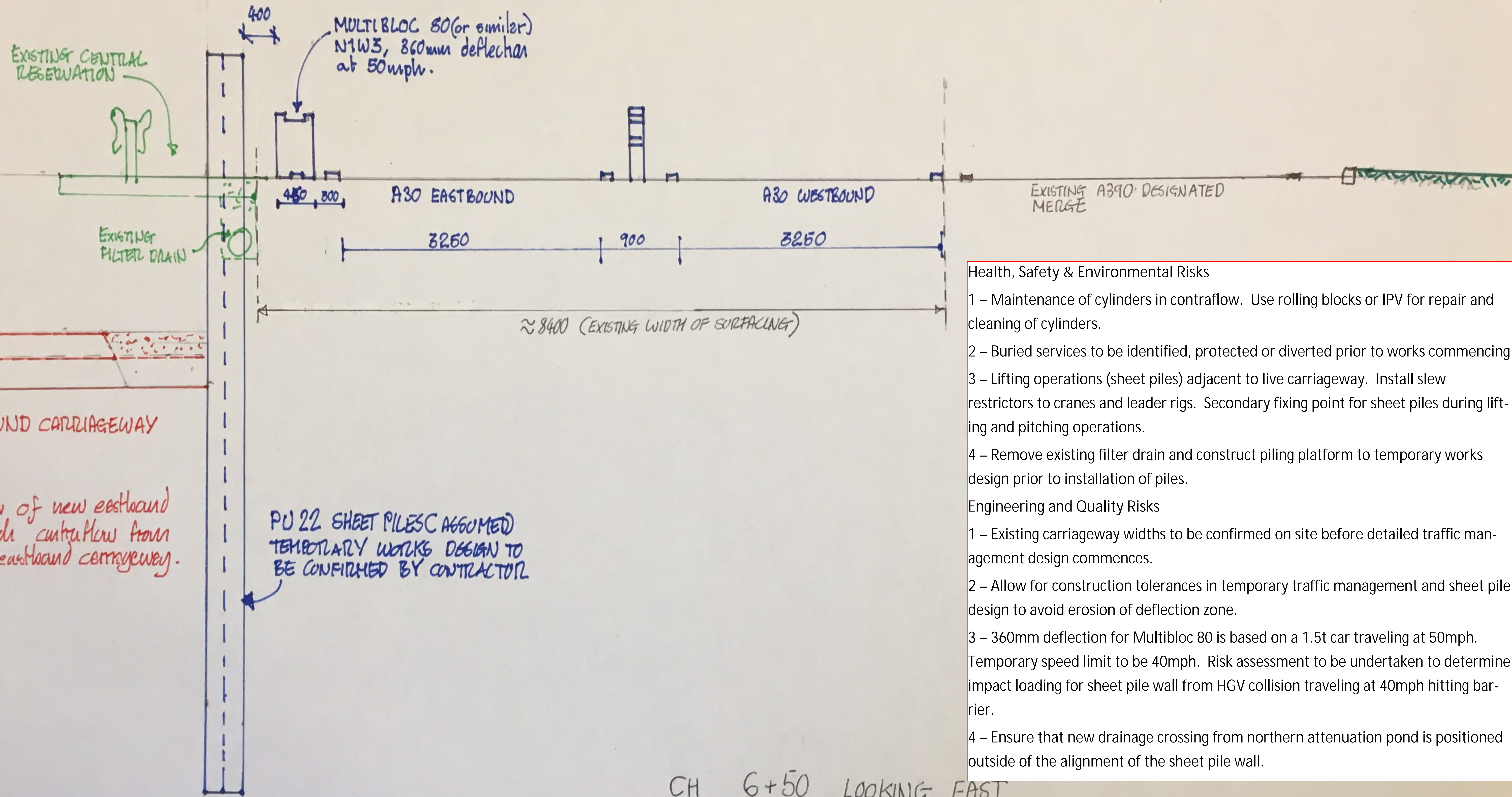
22/08/18

Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 (as amended)
APFP Regulation 5(2)(a)

Table of Contents

1. Contraflow Cross Section

Cross section through Chiverton contraflow on westbound A30 carriageway, Ch 650 (Chiverton Phase 4)



NEW EASTBOUND CARRIAGEWAY CONSTRUCTION

Following completion of new eastbound carriageway, switch contraflow from westbound to new eastbound carriageway.

PU 22 SHEET PILES ASSUMED TEMPORARILY WORKS DESIGN TO BE CONFIRMED BY CONTRACTOR

- Health, Safety & Environmental Risks
- 1 - Maintenance of cylinders in contraflow. Use rolling blocks or IPV for repair and cleaning of cylinders.
 - 2 - Buried services to be identified, protected or diverted prior to works commencing
 - 3 - Lifting operations (sheet piles) adjacent to live carriageway. Install slew restrictors to cranes and leader rigs. Secondary fixing point for sheet piles during lifting and pitching operations.
 - 4 - Remove existing filter drain and construct piling platform to temporary works design prior to installation of piles.
- Engineering and Quality Risks
- 1 - Existing carriageway widths to be confirmed on site before detailed traffic management design commences.
 - 2 - Allow for construction tolerances in temporary traffic management and sheet pile design to avoid erosion of deflection zone.
 - 3 - 360mm deflection for Multibloc 80 is based on a 1.5t car traveling at 50mph. Temporary speed limit to be 40mph. Risk assessment to be undertaken to determine impact loading for sheet pile wall from HGV collision traveling at 40mph hitting barrier.
 - 4 - Ensure that new drainage crossing from northern attenuation pond is positioned outside of the alignment of the sheet pile wall.

CH 6+50 LOOKING EAST

SCALE 1:50

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