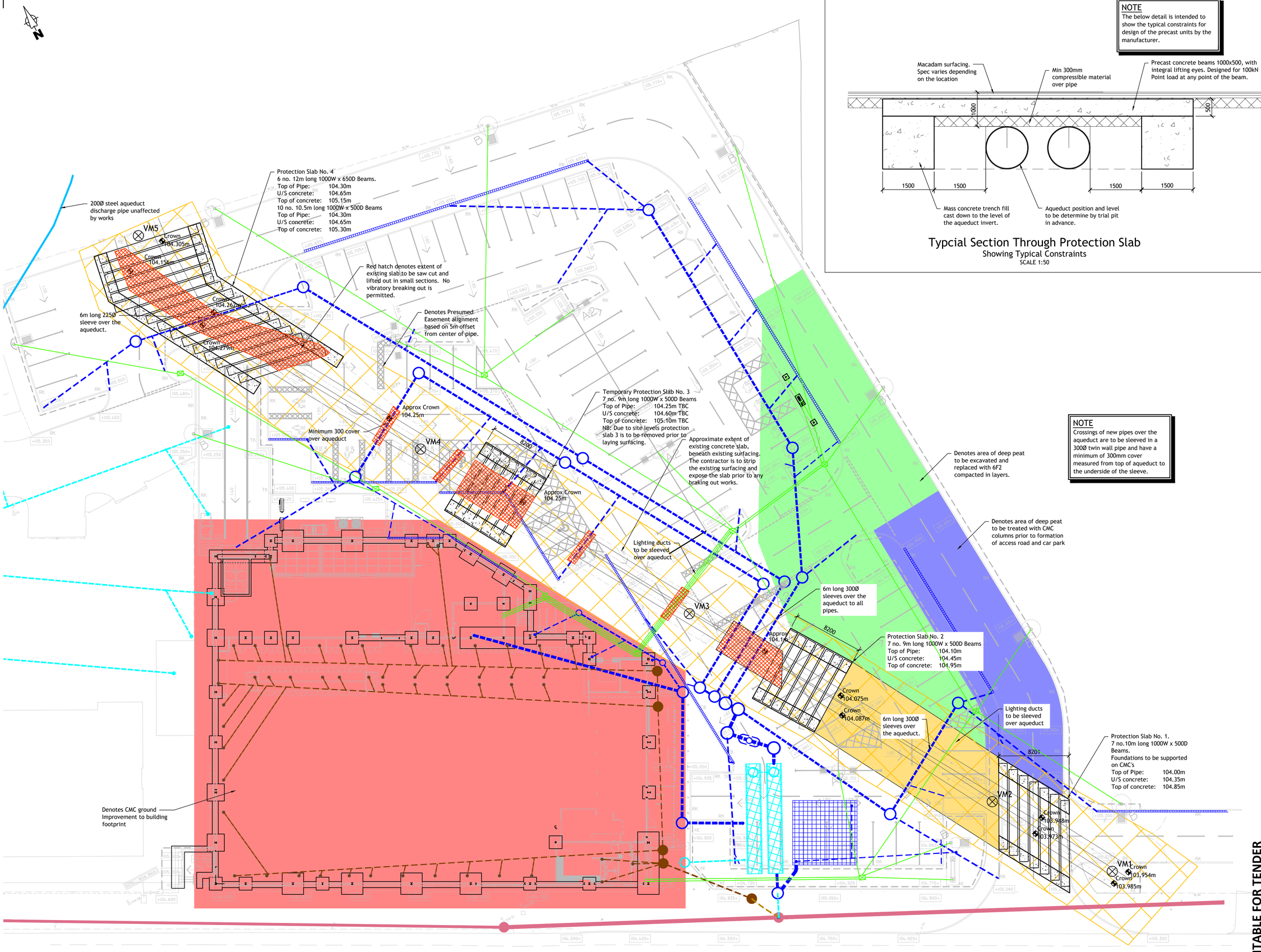


NOTE

The below detail is intended to show the typical constraints for design of the precast units by the manufacturer.

Typcial Section Through Protection Slab

Showing Typical Constraints

SCALE 1:50

GENERAL

1. All drawings to be read in conjunction with the specification
2. All drawings to be read in conjunction with the relevant architectural and structural drawings.
3. All dimensions are in millimetres unless noted otherwise.
4. All levels are in metres relative to ordnance datum.
5. All dimensions are to be checked on site by the contractor prior to the commencement of construction

AQUEDUCT PROTECTION

1. This drawing is intended to provide information to assist in the consultation with UU to ensure their requirements for the protection of the Aqueduct are adhered to.
2. The vibration monitors are to be set to give an alarm at a threshold velocity of 3mm/s PPV. All work is to terminate should the readings reach 5mm/s PPV.
3. The easement shown is based on a 5m easement from the center of pipes.
4. The maximum permitted vehicle weight running on the existing ground level, over the aqueduct, is 6T. Any vehicle greater than 6T must pass over the protection slabs.

NOTE

Crossings of new pipes over the aqueduct are to be sleeved in a 300Ø twin wall pipe and have a minimum of 300mm cover measured from top of aqueduct to the underside of the sleeve.

Drawing Key

- VM1 — Proposed vibration monitor location
- CMC ground improvement to external area
- CMC ground improvement to Building Footprint
- Excavation of peat to perimeter of CMC treatment
- New 150mm mass concrete slab cast over aqueduct
- Existing slab over aqueduct to be carefully removed
- Surface water drain
- Foul water drain
- Lighting duct

Rev	Date	Description	By
P05	18.07.23	D2: Lighting column and ducts added. Allowable vibration units corrected.	DR
P04	23.06.23	D2: Issued for Tender	DR
P03	16.06.23	S1: Issued for final review prior to tender issue	DR
P02	16.11.22	S1: Note added regarding 300mm minimum cover of sewer crossings. Cover between aqueduct and protection slabs increased to 300mm.	DR
P01	01.07.22	S1: Issued for information	DR

Client: ALDI STORES LTD

Project Title: 9104 - ALDI STORE

Project Address: VICTORIA AVENUE EAST MOSTON

Drawing Title: EXTERNAL WORKS GENERAL ARRANGEMENT OF WORKS AFFECTING AQUEDUCT

Job No.	Originator	Zone	Level	Type	Role
79-E1529	SWF	XX	XX	DR	C

System Classification	Drawing No.	Suitability	Revision
PM_40_40	6101	D2	P05

Drawn	Checked	Date	Scale	Size
DR	DR	JULY 2022	200	A1

SUITABLE FOR TENDER

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