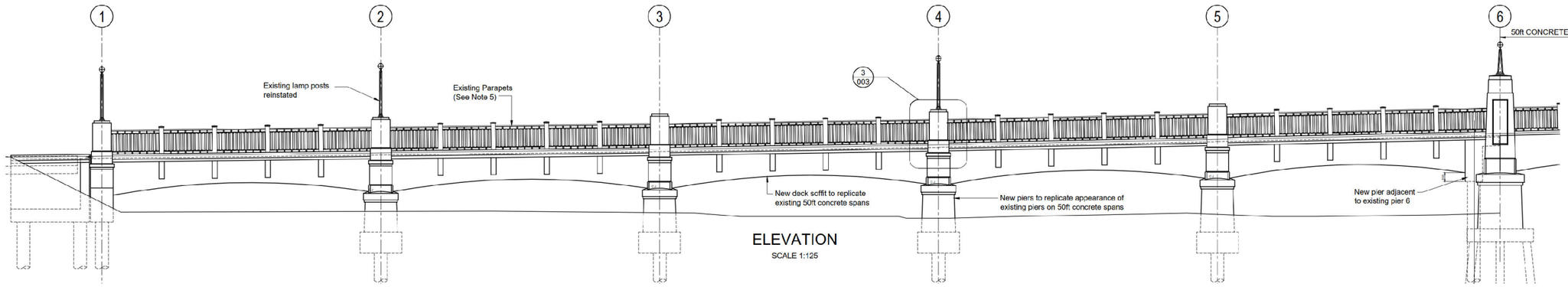
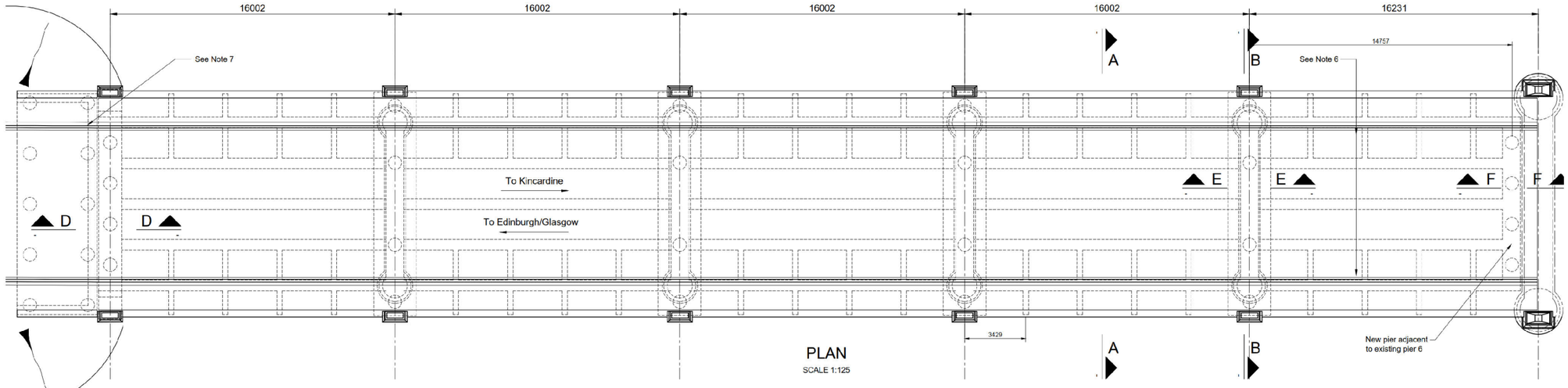
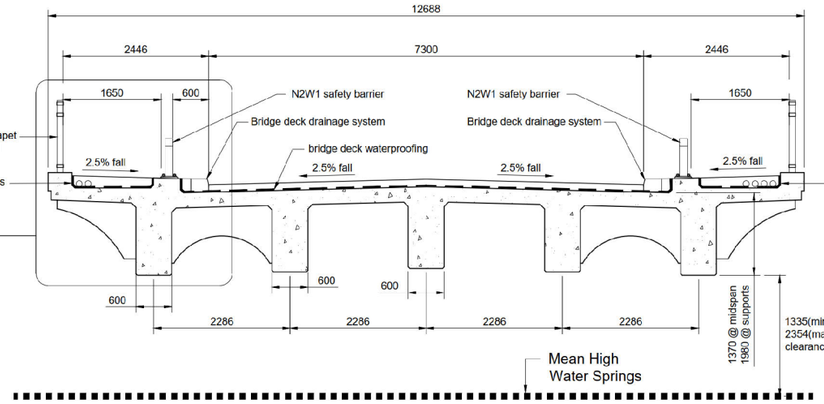
Figure 3.3



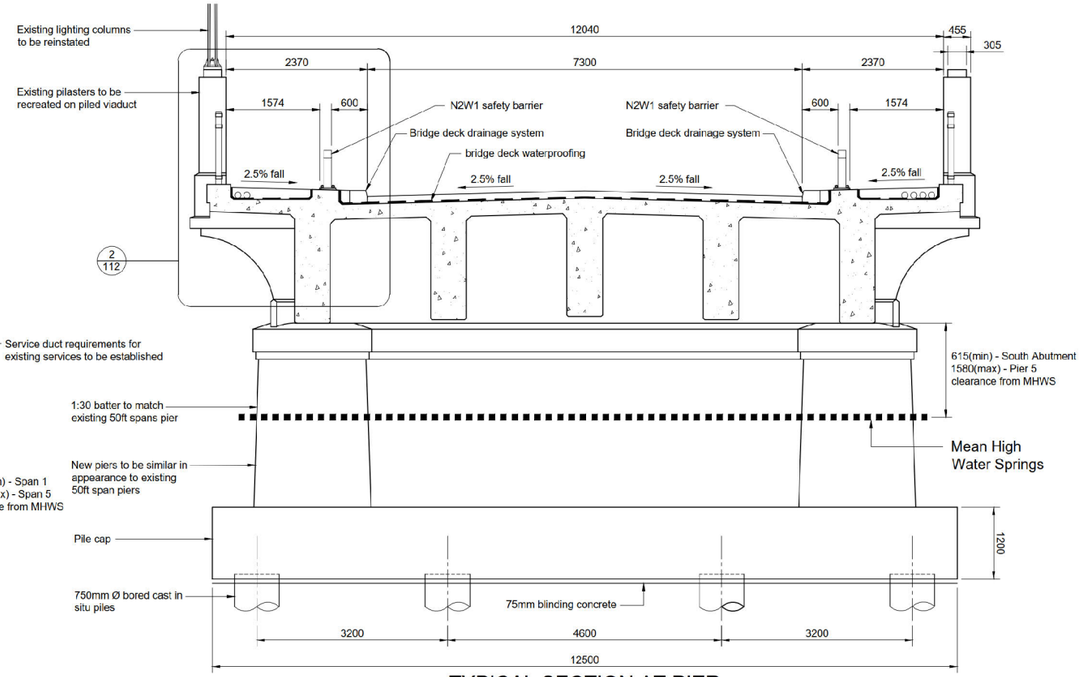
ELEVATION
SCALE 1:125



PLAN
SCALE 1:125



TYPICAL SECTION AT MIDSPAN
SCALE 1:50



TYPICAL SECTION AT PIER
SCALE 1:50

Notes:
1. Information extracted from record drawings
2. All dimensions in mm unless noted otherwise
3. All levels and chainages are in metres unless noted otherwise
4. All levels refer to Ordnance Datum
5. Existing lamp posts to be retained and installed in replacement structure. Existing parapet panels to be removed and then fully inspected to determine which panels will be refurbished and installed in the replacement structure and which panels will be recreated with new panels. The refurbished / recreated panels will be installed as a pedestrian parapet in the replacement structure.
6. For details of safety barrier arrangement between Pier 5 and Pier 6 refer to Figure 3.4
7. For details of safety barrier arrangement on south approach to structure refer to Figure 3.4

FINISHES:

Buried unformed surfaces	-U1
Exposed unformed surfaces (excluding areas to receive waterproofing)	-U3
Buried formed surfaces	-F1
End Supports- abutment stems	-Pattern Profile
End supports- wingwalls	-Pattern Profile
Parapet edge beam	-F3/U3
Precast beam	-F4
Parapet edge beam	-F3
Deck cantilever	-F4
Insitu deck soffit	-F4
Deck soffit (between beams) formwork in accordance with BA36	-Permanent
Area of deck to be waterproofed	-U4

MATERIALS

Insitu deck concrete	-Grade C40/50*
Blinding concrete	-Grade ST1
Parapet upstand	-Grade C40/50*
Recreated parapet panels (if required)	-Steel
Recreated concrete post (pilaster)	-Grade C40/50*
Substructure concrete above base level	-Grade 40/50*
Substructure concrete in foundation	-Grade 40/50
Footway/verge infill concrete	-Grade C24/C30

*Exposed concrete within splash zone to be specified with a minimum strength grade of C40/50 and with a minimum 50% ground granulated blast furnace slag (GGBS)

All exposed concrete to be impregnated with a hydrophobic pore liner.

WATERPROOFING:
Bridge deck waterproofing shall be applied to the deck slab between parapet upstands to a minimum height of 100mm above the adjacent deck level.
All other buried concrete surfaces shall be treated with two coats of epoxy resin waterproofing paint in accordance with the specification.

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
1	OCT 2020	EIA Report Publication	KA	GM	IP	GMcI

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Client: TRANSPORT SCOTLAND / CÒMHDHAIL ALBA

Project

A985 Kincardine Bridge Refurbishment Piled Viaduct Replacement

Drawing title

EIA Report
Proposed Piled Viaduct
General Arrangement

Sheet 1 of 3

Drawing Status	FINAL	
Scale	NOT TO SCALE	DO NOT SCALE
Jacobs No.	B2020209	
Drawing number	Figure 3.3	Rev 1