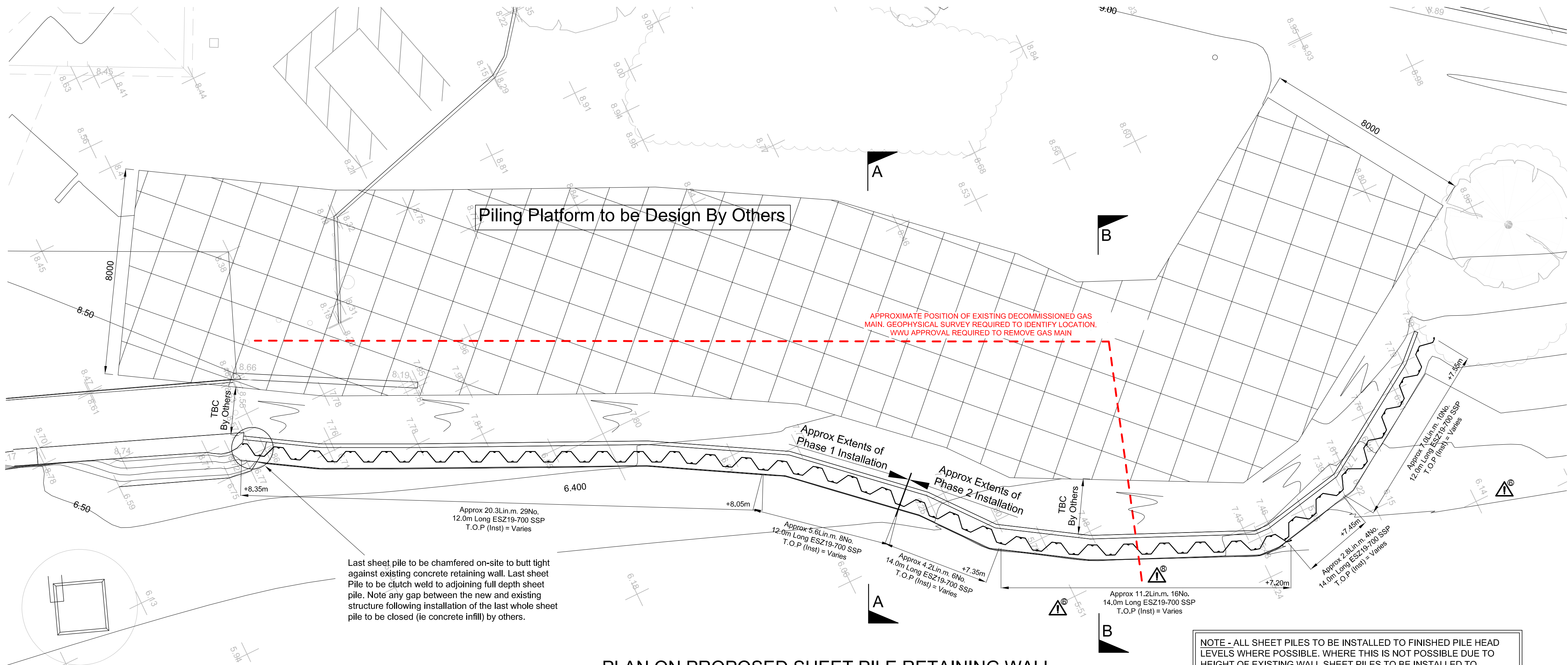


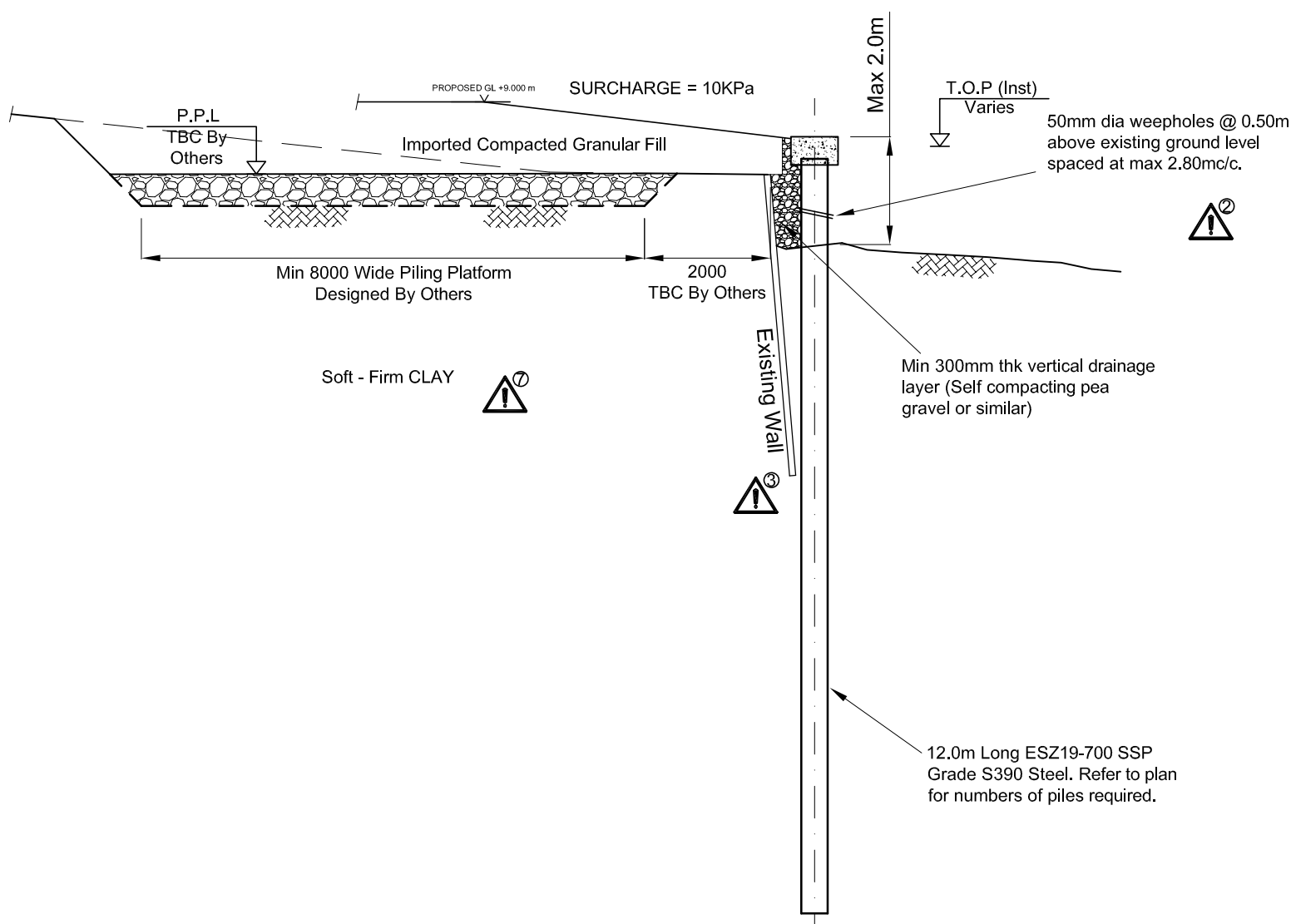


PLAN ON PROPOSED SHEET PILE RETAINING WALL
Scale 1:100

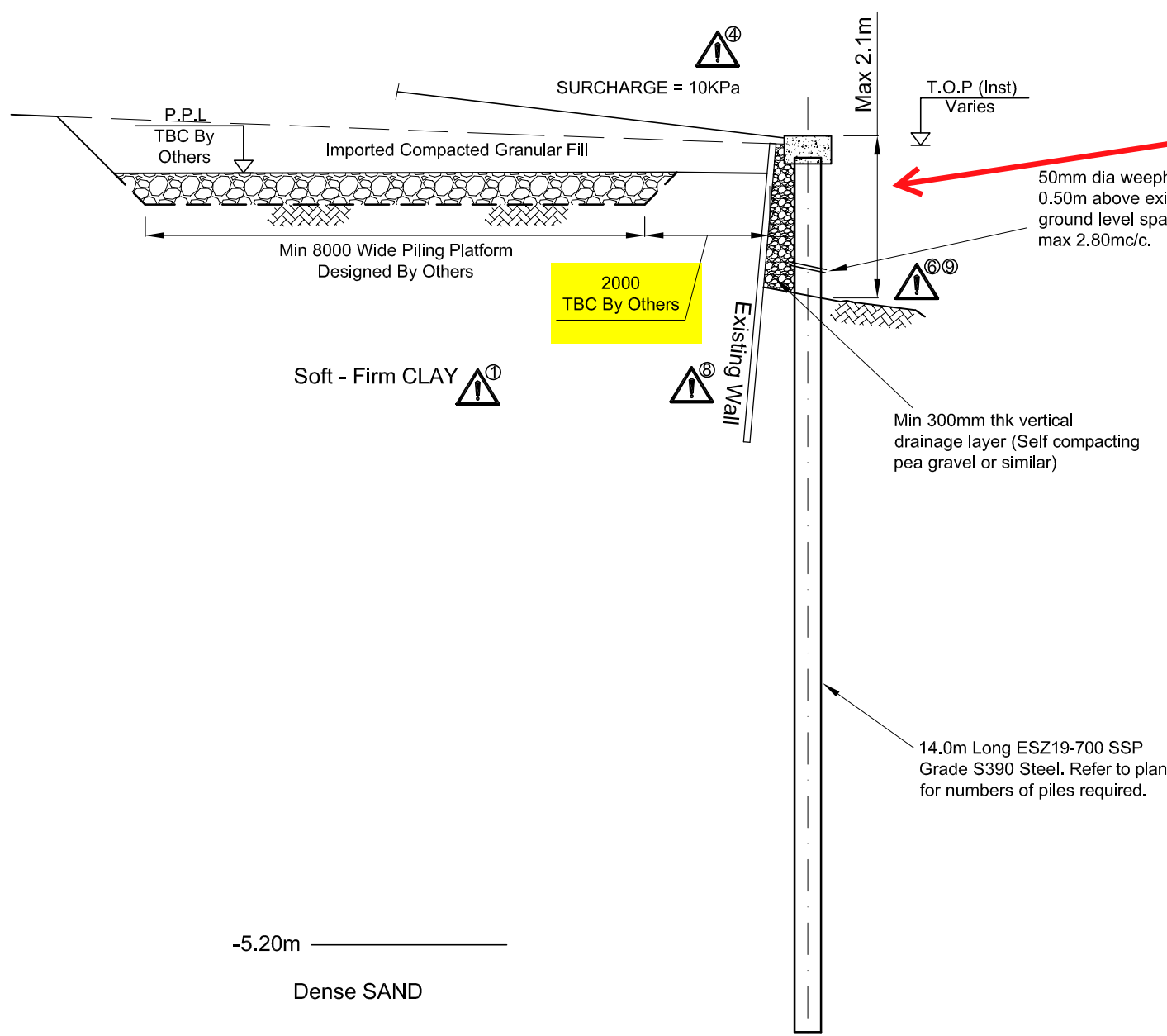
NOTE - ALL SHEET PILES TO BE INSTALLED TO FINISHED PILE HEAD LEVELS WHERE POSSIBLE. WHERE THIS IS NOT POSSIBLE DUE TO HEIGHT OF EXISTING WALL SHEET PILES TO BE INSTALLED TO EXISTING WALL LEVEL AND FLAME TO TO FINISHED PILE HEAD LEVELS AFTER INSTALLATION. EXISTING WALL WILL NEED BREAKING DOWN TO ALLOW FLAME CUTTING OF SHEET PILE FROM SITE SIDE.

NOTE - BASED ON THE ENGINEERS RETAINING WALL SECTIONS DRAWING REF CC1991-CAM-ZZ-XX-DR-C-0603 REV P03 AT NO STAGE DURING OR AFTER CONSTRUCTION SHOULD THE SHEET PILE RETAINED HEIGHT EXCEED 2.10m - CONTRACTOR TO ENSURE THAT ALL EXISTING AND PROPOSED SITE LEVELS REMAIN INKEEPING WITH THE LEVELS NOTED ON THE ENGINEERS DRAWINGS.

Largest retained height of existing wall = 1.9m



SECTION A - A
Scale 1:100



SECTION B - B
Scale 1:100

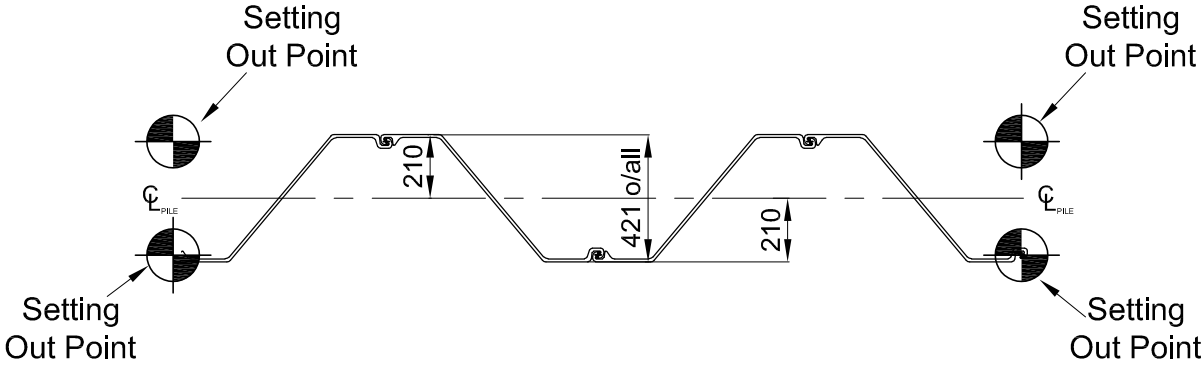
- NOTES
1. See also SPUK Method Statement. See also SPUK Design Report.
 2. Setting out by others.
 3. Pile numbers, wall plan lengths and pile orientations indicated are indicative only and are subject to rolling and installation tolerances.
 4. Sheet piling installation tolerances are as follows:
 - 75mm on plan of the given line at commencing level.
 - 50mm vertically of the required level
 - Maximum rake of 1:75 of the vertical.

CDM (2015) – RESIDUAL RISKS

REF	RISK
01	Unexpected Ground Conditions/Coring Backfill to sheet pile wall
02	Water table different to design assumptions.
03	Obstructions along the sheet pile lines.
04	Excessive Surcharge Loadings.
05	Excessive 'softening' of formation
06	Finished Ground Levels indicated on drawings not implemented on-site
07	SPUK Ltd Limited Design Responsibility - Temporary Design Duration
08	Piling Adjacent Existing 3rd Party Structures/Services
09	Global Stability of Existing Sloping Ground Profiles

- NOTES:
1. Backfill to be clean imported free draining Granular FILL placed and compacted in layers not exceeding 250mm in accordance with "Specification for Highway Works".

Minimum Soil Properties :
 $v_u = 20kN/m^2$
 $\phi' = 38^\circ$
 2. A vibrating plate compactor not exceeding 1,000Kg (or similar) should be used within 3.50m of the rear of the "existing" sheet pile wall in accordance with the "Specification for Highway Works"



ESZ19-700 SETTING OUT

C01	22/09/22	Issued "For Construction"	SD
P1	02/08/22	FIRST ISSUE-FOR REVIEW	SD

Client :

John Perkins

Project :

Newport Transporter Bridge

Drawing Title :

Sheet Pile Installation GA
Drawing

Aug 2022	Scale @ A1 : Shown	Drawn by : SD	Checked :
Original Size A1	Drawing No. C1642/DR/01	Revision : C01	

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FOR CONSTRUCTION