

enstruct group pty ltd

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Date 27/02/2020

Woods Bagot Level 2, 60 Carrington Street Sydney NSW

Job Number: 5645

For the attention of : - Chris Sava

Dear Chris,

Meadowbank Education and Employment Precinct Schools Project Response to Agency Submissions

enstruct has reviewed the authority submissions regarding the SSD-9343 Meadowbank Education and Employment Precinct Schools Project.

The following letter outlines responses to the submissions with respect to flooding and civil engineering. In general, responses have been included in an updated Civil SSDA report, with chapter references given in the table below

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Department of Planning, Industry and Environment			
Provide an assessment of the use, operation, safety and maintenance of			
spaces and sports fields within areas of the site subject to water flows. In additional provide a statement on student safety and management when overland water flows.			
Response: Additional information has been added the Civil SSDA report, section			
4.4 Flood Risk Management.			
Provide greater detail of the proposed swale that runs north/south through the site,			
including consideration of management and student safety.			
Response: Additional details are provided in the landscape documentation. Part of			
the swale are coved by a deck, giving a crossing location.			
Environment Energy and Science Group in the Department of Planning,			
Industry and Environment.			
The proposed school can be classed as a special uses' facility due to the			
vulnerability of its users (i.e. the students). Therefore, it is prudent to adequately			
address flood risk for the full range of flood up to the PMF, particularly risk to life.			
The Civil Report outlines the flood characteristics; however, it does not address the			
associated flood risk due to the exposure to flooding with these characteristics.			



	Response: Flood risk has been addressed in the updated Civil SSDA report, section			
	4.4 Flood Risk Management.			
C2	From a floodplain risk perspective, the flood assessment should address the			
	following floodplain risk management aspects:			
C2.1	whether the development will expose its potential users to an unacceptable level of			
	flood risk due to exposure to flooding for the full range of flood;			
C2.2	whether the development will increase the requirement for emergency services to			
	plan and implement flood emergency management measures for future users of			
	development, particularly if the development is of a vulnerable nature, due to			
	exposure to flooding for the full range of flood.			
	Response: Refer to section 4.4 Flood Risk Management in the Civil SSDA report. In			
	general, flood risk can be managed on site for all flood events, with a "shelter in			
	place" policy in a PMF event. Immediate evacuation is not required.			
C3	Prepare a detailed floodplain risk management assessment that addresses			
	emergency response measures in consultation with the State Emergency Ser			
	(SES) to ensure risk to life is adequately addressed.			
	Response: SES have been consulted as part of the design process. It is			
	recommended that the SES is consulted during the preparation of a flood			
	emergency response plan.			
TfNSW	Transport for NSW			
5.	Prior to the commencement of works, the Applicant shall provide certification from			
	a qualified Geotechnical and Structural Engineers stating that the proposed works			
	are to have no negative impact on the embankment, rail corridor and associated rail			
	infrastructure. The provision of a cut and fill plan for all land within 25m of the rail			
	corridor shall be provided as a minimum with the certification. If deemed by Sydney			
	Trains that the works will or potentially have a negative impact, the Applicant shall			
	provide the requested engineering documentation as advised by Sydney Trains for			
	their endorsement.			
	Response: Attached to this letter is a section showing the excavation within 25m of			
	the rail corridor. The excavation is less than 2m.			

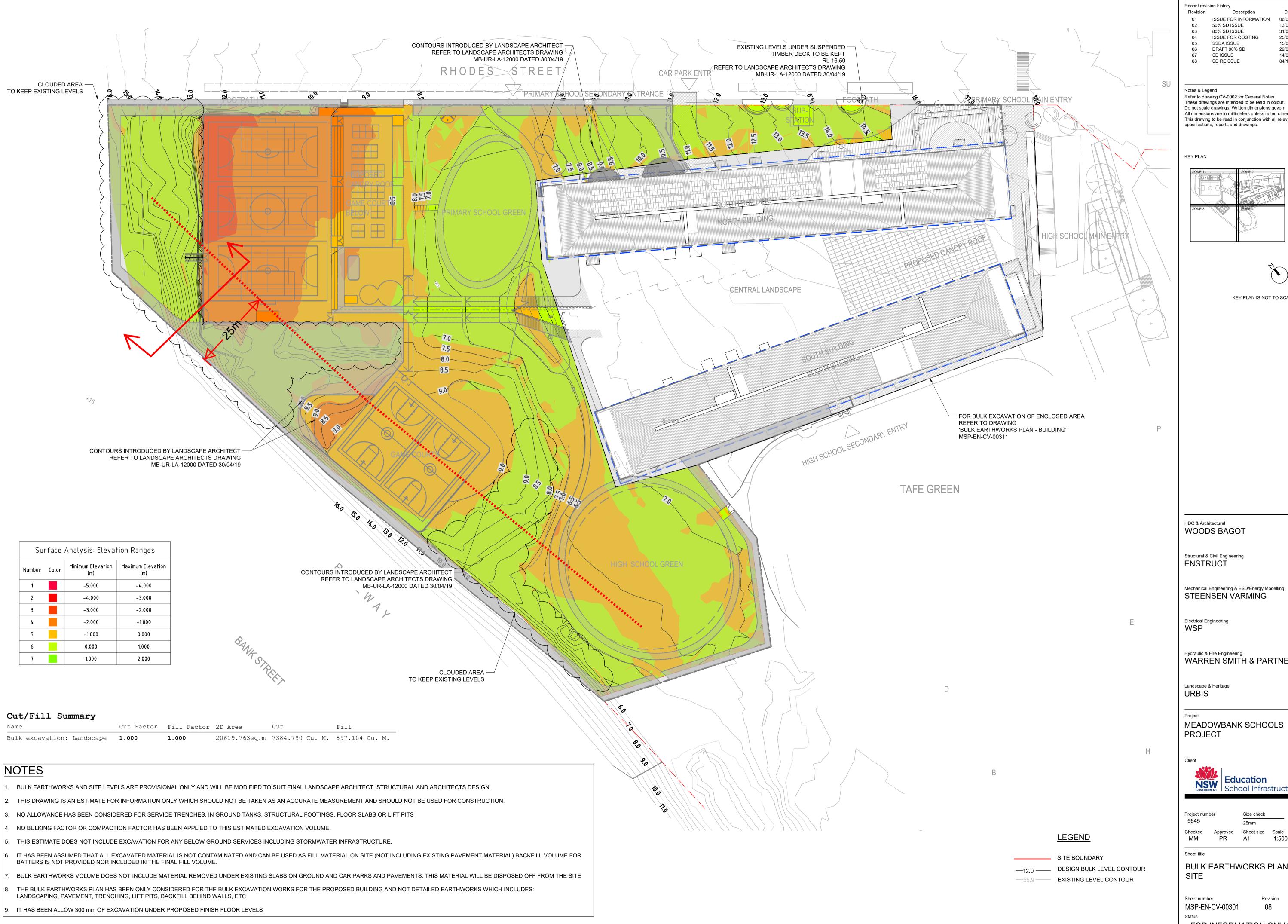
Yours Sincerely,

for

enstruct group pty ltd

Ti Hhh.

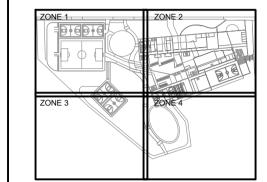
Tim Henderson Senior Engineer



31/08/18 ISSUE FOR COSTING 25/03/18 29/05/19 14/06/19 04/12/19

13/07/18

Refer to drawing CV-0002 for General Notes
These drawings are intended to be read in colour. Do not scale drawings. Written dimensions govern
All dimensions are in millimeters unless noted otherwise This drawing to be read in conjunction with all relevant contracts, specifications, reports and drawings.





KEY PLAN IS NOT TO SCALE

WARREN SMITH & PARTNERS

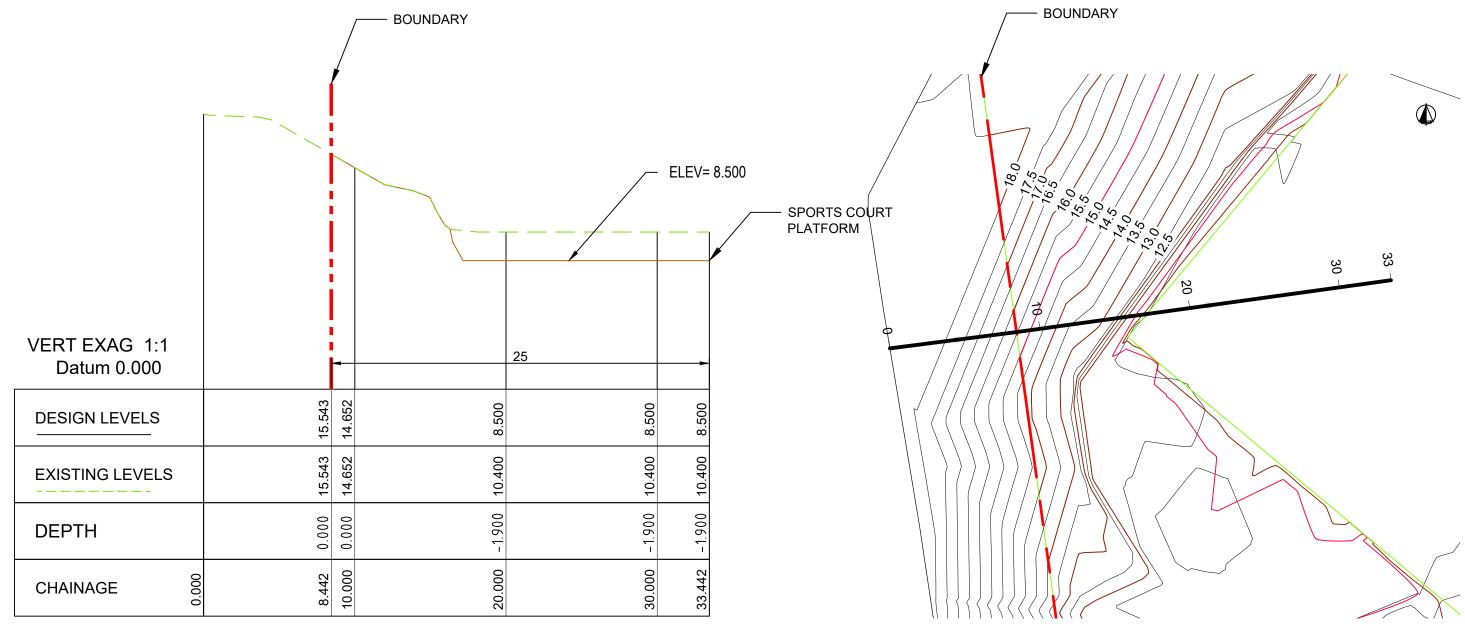
MEADOWBANK SCHOOLS



BULK EARTHWORKS PLAN -

FOR INFORMATION ONLY

NOT FOR CONSTRUCTION



SECTION SCALE 1:250

SITE PLAN
SCALE 1:250

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Status F(OR INFORMAT	ION		
Job Title MEA	DOWBANK SC	HOOL		
Drawing Title	SECTION			
Scale	1:250 @ A3			
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Job No. 5645	Drawing No. SK-C-001	Rev 001		