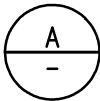
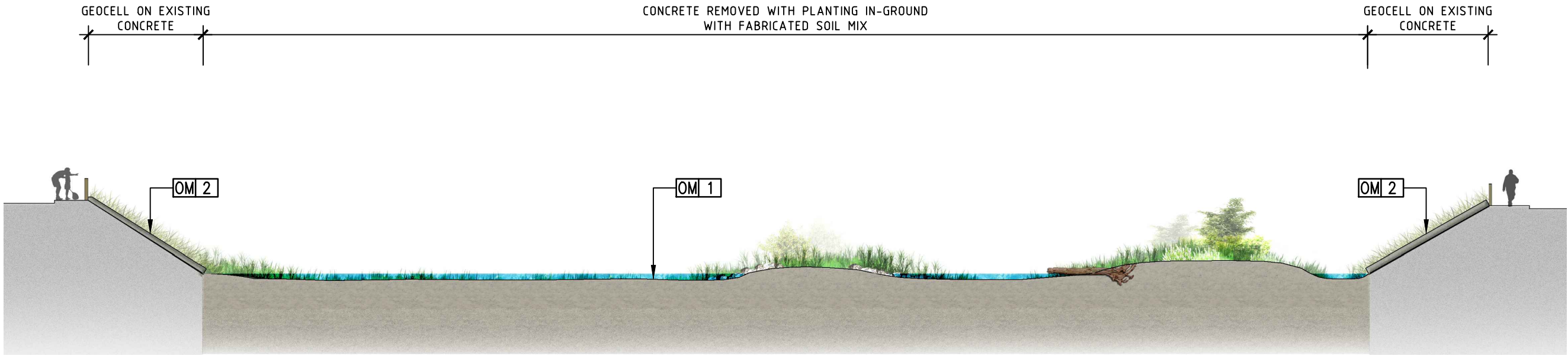



ID No.	Landscape and Visual Mitigation Measures During Construction Stage
CM1	The construction area and contractor's temporary works areas should be minimised to reduce visual impacts and avoid impacts on adjacent landscape.
CM2	Reduction of construction period to practical minimum.
CM3	Phasing of the construction stage to reduce visual impacts during the construction phase.
CM4	Construction traffic kept to a practical minimum.
CM5	Erection of decorative mesh screens or construction hoardings around works areas in visually unobtrusive colours.
CM6	Avoidance of excessive height and bulk of site buildings and structures.
CM7	Control of night-time lighting by hooding all lights and through minimisation of night working periods.
CM8	All existing trees shall be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Documents. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas.
CM9	Trees unavoidably affected by the works shall be transplanted where practical. A detailed Tree Transplanting Specification shall be provided in the Contract Specification, if applicable. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the project programme.

ID No.	Landscape and Visual Mitigation Measure During Operation Stage
OM1	Enhanced nullah bed with replacement of concrete lining with natural substrates and planting.
OM2	Enhanced nullah sides with appropriate hard and soft finishes and parapet treatments.
OM3	Enhanced adjacent streetscape with paving, planting and furniture in a manner that responds to the existing and planned urban context.
OM4	Additional viewpoints, seating areas and open space within or adjacent to nullah.
OM5	Enhanced nullah crossings including vehicular, pedestrian and utility bridges with upgraded finishes and treatments.
OM6	Sensitively designed barrage and structures in terms of scale, height and bulk (visual weight).
OM7	Barrage and drainage works visually integrated with their surroundings through use of appropriate building materials and finishes.
OM8	Barrage lighting units to be directional and minimise unnecessary light spill and glare.
OM9	Compensatory tree planting for all felled trees in accordance with relevant Government tree protection requirements. (Required numbers and locations of compensatory trees shall be determined and agreed separately with Government during the Tree Felling Application process under the relevant technical circulars during the detailed design phase).
OM10	Green roofs and vertical greening on barrage pumping stations.

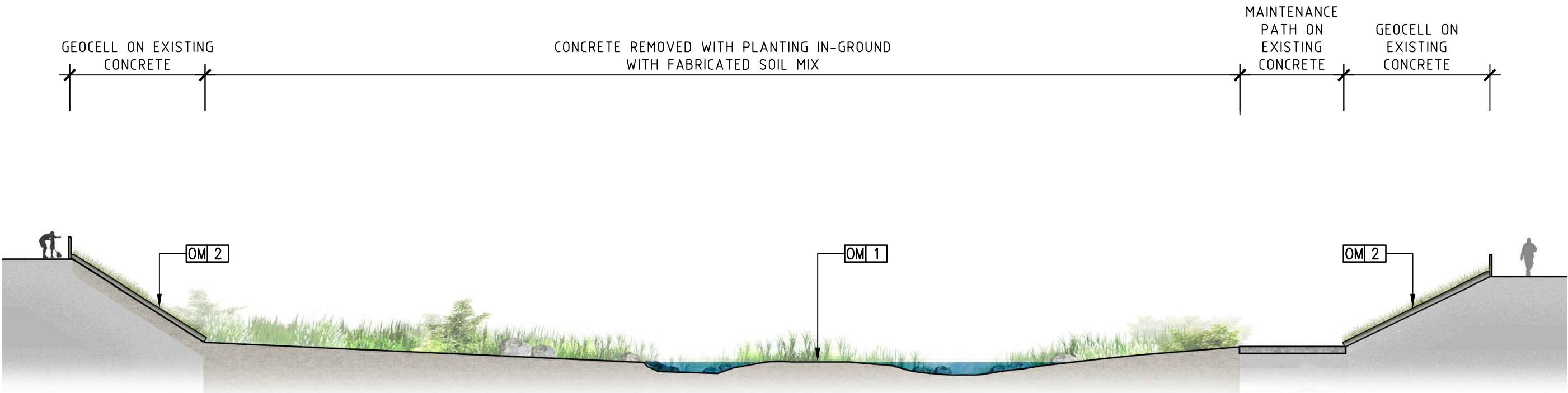


TYPICAL NULLAH MITIGATION –SECTION A
N.T.S.

						Job Title					Figure No.		 Planning, Urban Design, Landscape, Golf & Environmental Consultants Urbis Limited, 11/F Siu On Centre, 188 Lockhart Road, Wan Chai, Hong Kong. Tel : 2802 3333 Fax : 2802 8662		
						AGREEMENT NO. CE 93/2017 (DS), YUEN LONG BARRAGE SCHEME - INVESTIGATION, DESIGN AND CONSTRUCTION					10.80				
						Figure Title					Scale				
						TYPICAL NULLAH MITIGATION -SECTION A					AS SHOWN				
Amendment No.	Date	Description	Drawn by	Checked by	Approved by	Drawn by	TW	Checked by	KP	Approved by	THT	Date	JUL 2020	Job. No.	BP18

ID No.	Landscape and Visual Mitigation Measures During Construction Stage
CM1	The construction area and contractor's temporary works areas should be minimised to reduce visual impacts and avoid impacts on adjacent landscape.
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OM10	Green roofs and vertical greening on barrage pumping stations.



A

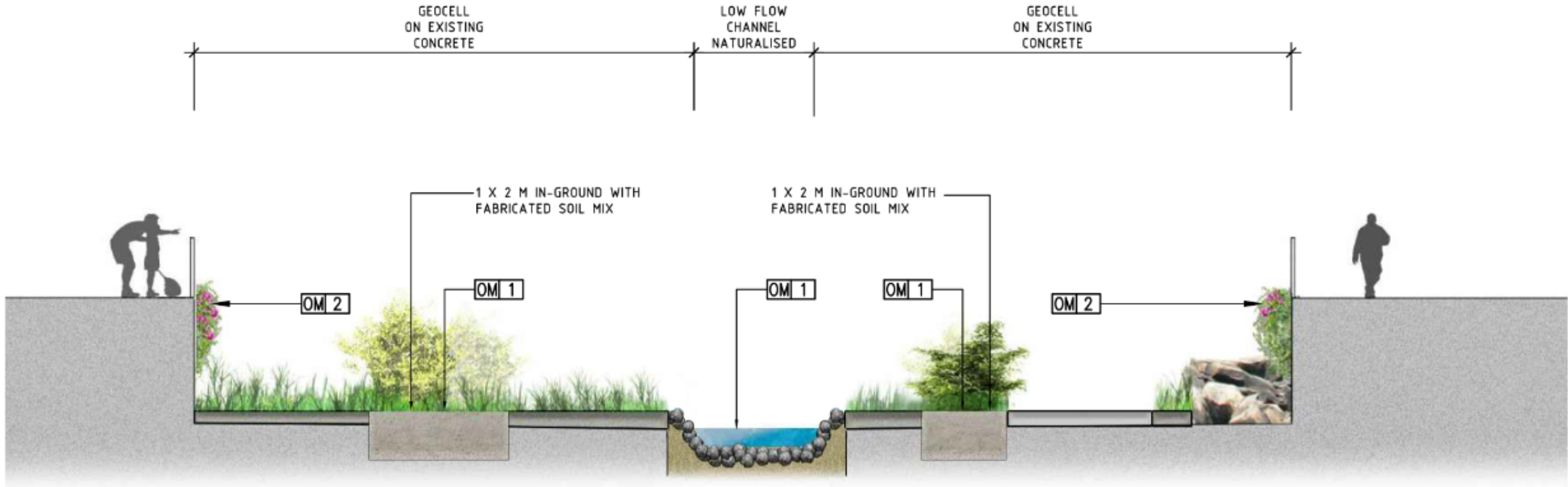
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 TYPICAL NULLAH MITIGATION –SECTION B
N.T.S.

						Job Title						Figure No.			
						AGREEMENT NO. CE 93/2017 (DS), YUEN LONG BARRAGE SCHEME - INVESTIGATION, DESIGN AND CONSTRUCTION						10.81			
						Figure Title						Scale			
						TYPICAL NULLAH MITIGATION -SECTION B						AS SHOWN			
Amendment No.	Date	Description	Drawn by	Checked by	Approved by	Drawn by	TW	Checked by	KP	Approved by	THT	Date	JUL 2020	Job. No.	BP18

ID No.	Landscape and Visual Mitigation Measures During Construction Stage
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A

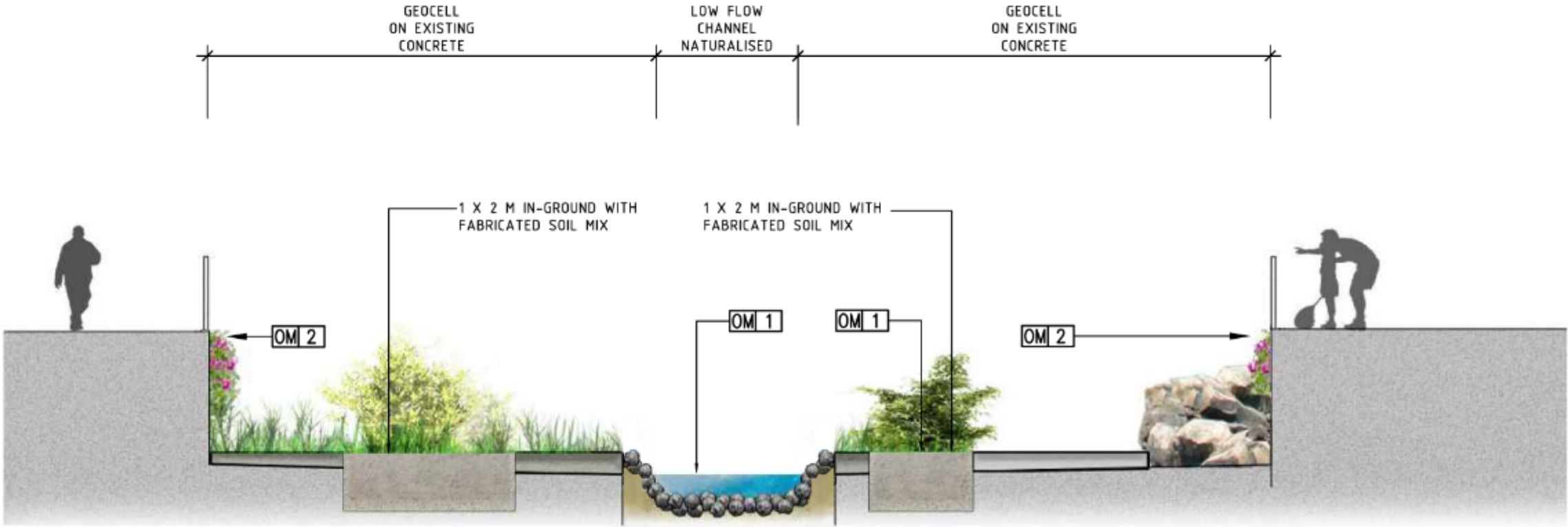
-

 TYPICAL NULLAH MITIGATION –SECTION C
N.T.S.

						Job Title					Figure No.		 Planning, Urban Design, Landscape, Golf & Environmental Consultants Urbis Limited, 11/F Siu On Centre, 188 Lockhart Road, Wan Chai, Hong Kong. Tel : 2802 3333 Fax : 2802 8662		
						AGREEMENT NO. CE 93/2017 (DS), YUEN LONG BARRAGE SCHEME - INVESTIGATION, DESIGN AND CONSTRUCTION					10.82				
						Figure Title					Scale				
						TYPICAL NULLAH MITIGATION -SECTION C					AS SHOWN				
Amendment No.	Date	Description	Drawn by	Checked by	Approved by	Drawn by	TW	Checked by	KP	Approved by	THT	Date	JUL 2020	Job. No.	BP18

ID No.	Landscape and Visual Mitigation Measures During Construction Stage
CM1	The construction area and contractor's temporary works areas should be minimised to reduce visual impacts and avoid impacts on adjacent landscape.
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OM10	Green roofs and vertical greening on barrage pumping stations.



A
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TYPICAL NULLAH MITIGATION -SECTION D
N.T.S.

						Job Title	Figure No.	
						AGREEMENT NO. CE 93/2017 (DS), YUEN LONG BARRAGE SCHEME - INVESTIGATION, DESIGN AND CONSTRUCTION	10.83	
						Figure Title	Scale	
						TYPICAL NULLAH MITIGATION -SECTION D	AS SHOWN	
Amendment No.	Date	Description	Drawn by	Checked by	Approved by	Drawn by TW	Checked by KP	Approved by THT
						Date JUL 2020	Job. No. BP18	



Planning, Urban Design, Landscape, Golf & Environmental Consultants
Urbis Limited, 11/F Siu On Centre, 188 Lockhart Road, Wan Chai, Hong Kong. Tel : 2802 3333 Fax : 2802 8662