

**LEGEND**

	Hoarding		Shot Crete and Soil Nail
	Silt Fence		Silt Curtain
	Access		Check Dam
	Wash Trough		Silt Trap
	Temporary Stock Pile		Sand Bag
	River Buffer Zone		Compost Biodegradable
			Temporary Culvert

Temporary Stockpile Surrounded With Silt Fence and Covered With Plactic Sheet

Temporary Culvert

Hoarding

South Portal

Sand Bag

Check Dam

Access

Silt Trap (To be decided on site)

Wash Trough

**KERAJAAN NEGERI PULAU PINANG**

PROJECT TITLE:  
PROJECT PENANG TRANSPORT MASTER PLAN

PROJECT PACKAGE:  
PENANG PAN ISLAND LINK (PIL)

ENVIRONMENTAL CONSULTANT:

Wiranda (M) Sdn Bhd  
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CPESC  
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Certified Professional in Erosion and Sediment Control  
(Muhammad Aman Samsurey)

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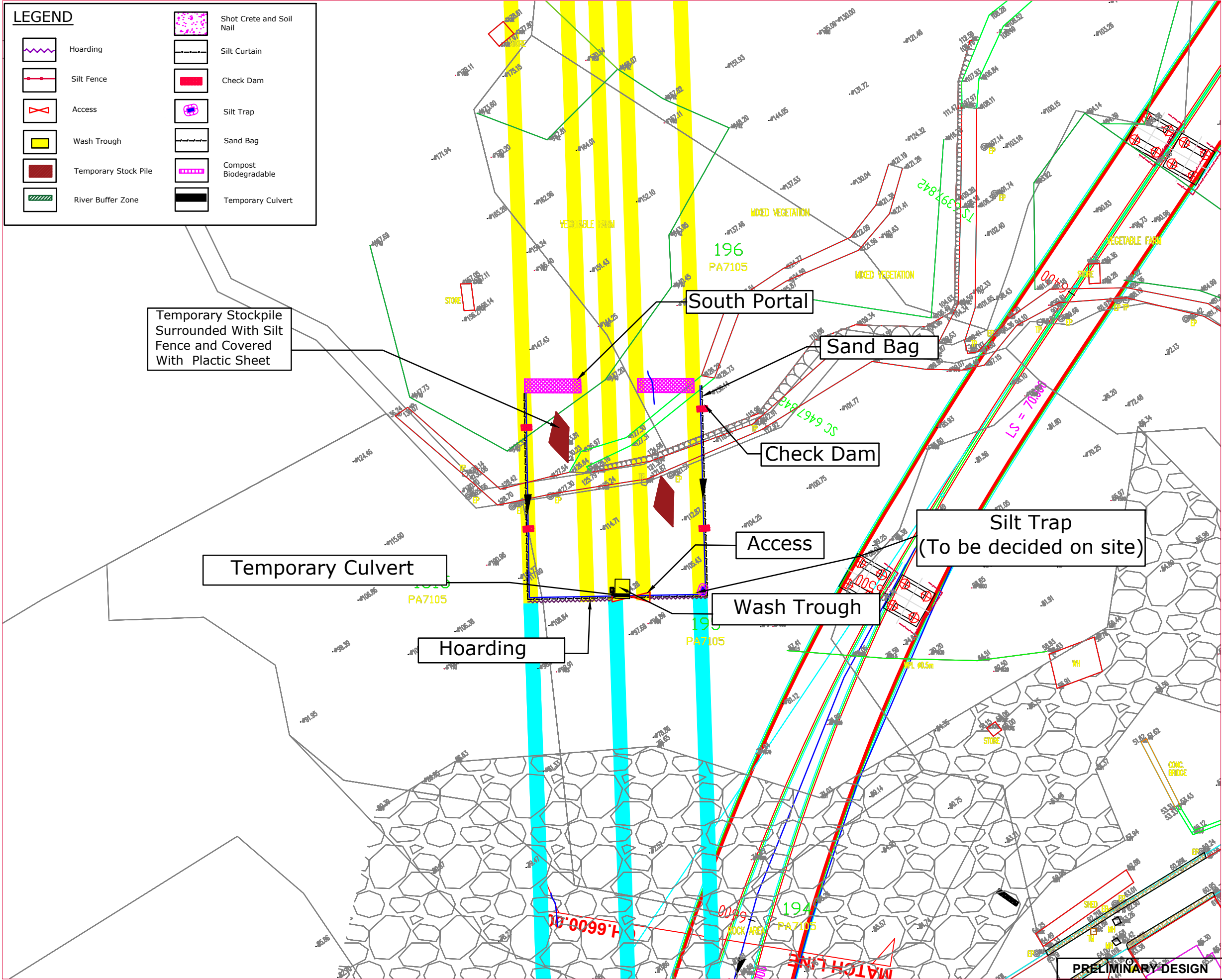
Rev	Date	Description	Dsg	Chk	App

Designed By:  
Drawn By:  
Checked By:  
Approved By:

CAD file no.: Tunnel Portal  
Scale: 1:2000 (A3)  
Date: 10.2.2018  
Drawing Title:

Tunnel 1 ( South Portal)

Drawing No : 2 of 8 Sheet



PRELIMINARY DESIGN