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From: [REDACTED]  
Sent: Friday, February 6, 2026 12:27 PM  
To: Esther Hiu Laam LI/PLAND <[ehlli@pland.gov.hk](mailto:ehlli@pland.gov.hk)>  
Subject: A/NE-FTA/272 Drainage Proposal Layout Plan

Dear Ms. Esther - Plan D

Attached the Drainage Proposal Layout Plan of A/NE-FTA/272 for your reference.

Regards

Leo Wong

**LEGEND**

RUNOFF FLOW DIRECTION

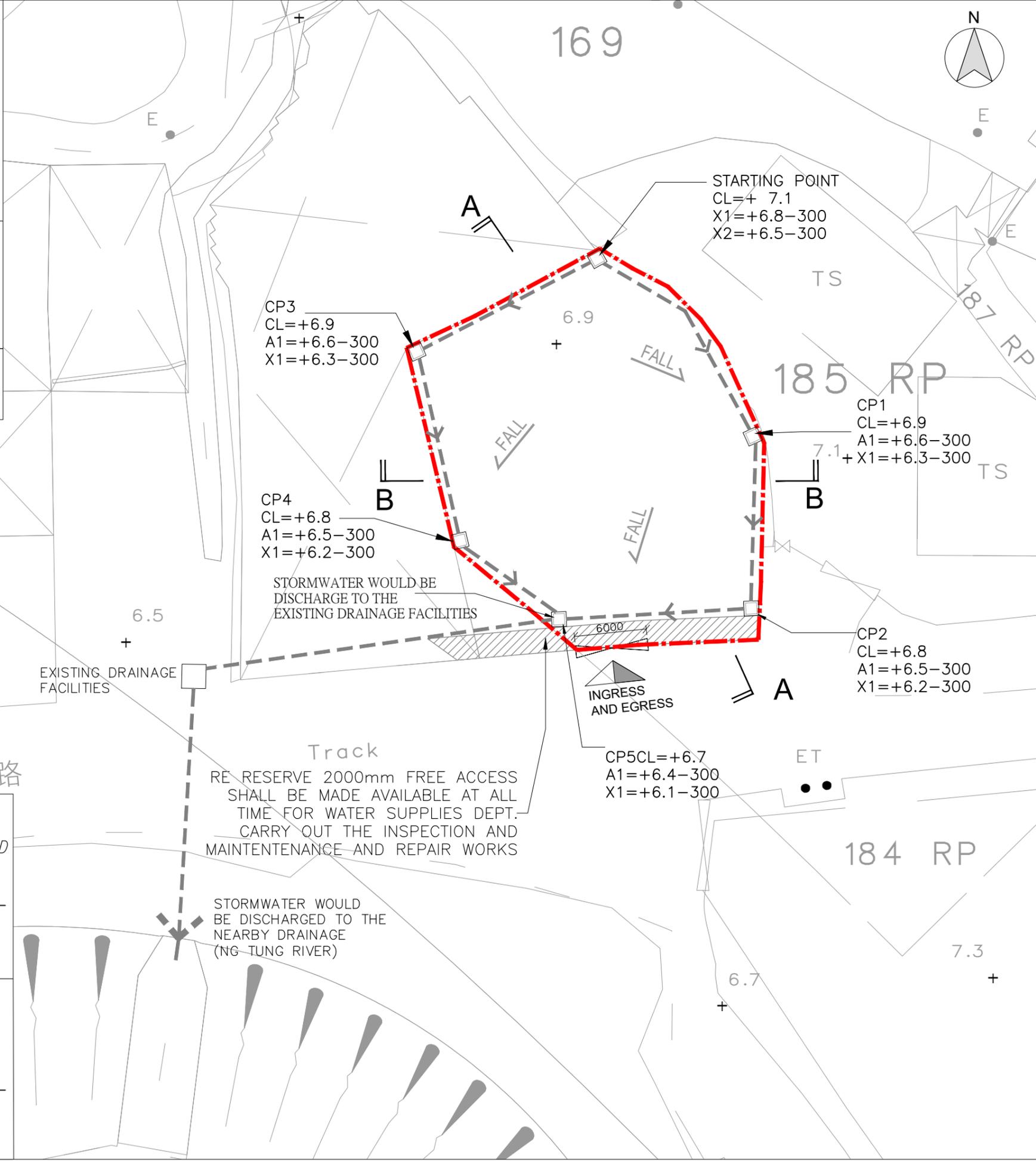
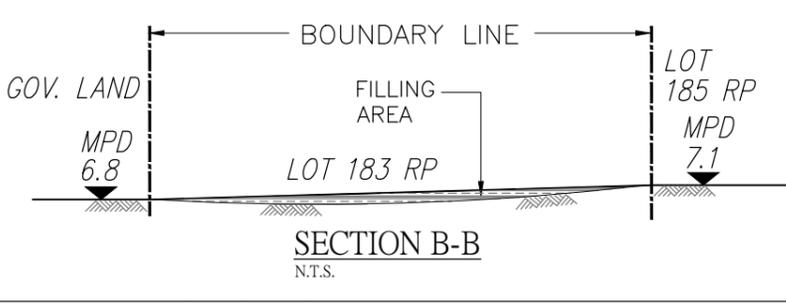
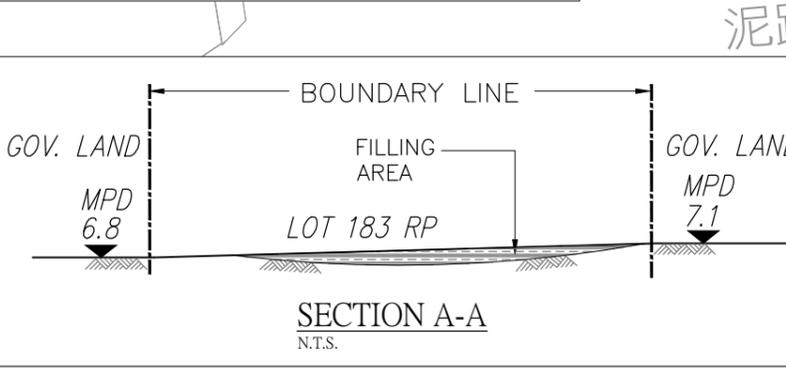
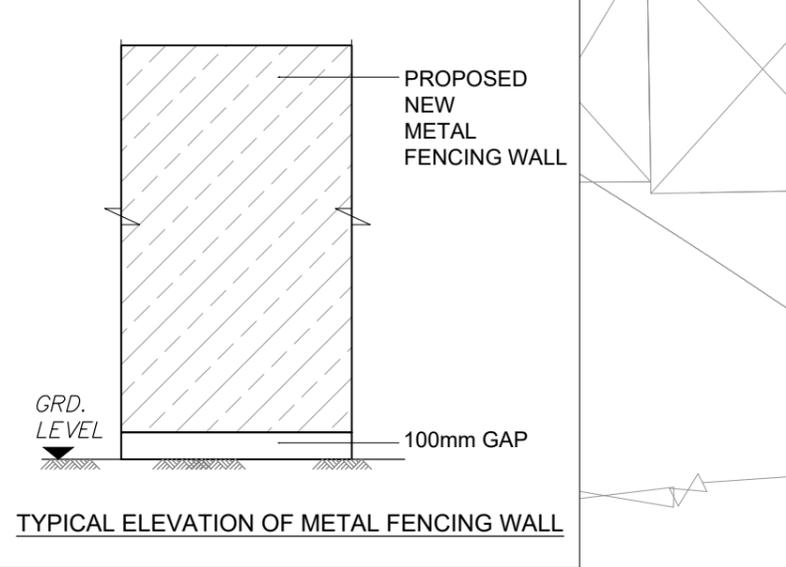
CATCHPIT WITH TRAP

PROPOSED PERIPHERAL CHANNEL (U-SHAPE WITH GRATING COVER) (0.3m x 0.3m) 1:200

PERIPHERAL CHANNEL TOTAL LENGTH: 87m (About)

Catchment Area  
 Site Catchment Area : 723m<sup>2</sup>  
 = 0.000723 Km<sup>2</sup>  
 Peak runoff in m<sup>3</sup>/s = 0.278 x 0.95 x 250mm/hr x 0.000723  
 = 0.0477m<sup>3</sup>/s  
 = 2864 liter/min

Peak runoff in liter/min = 2864 liter/min  
 According to (Figure 8.7 Chat for the rapid design of channels)  
 For gradient 1:150, 225UC will be suitable



B.D. Reference	
M.W. Reference	
L.D. Reference	
F.S.D. Reference	

Notes

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REV	DESCRIPTION	DATE


RE RESERVE 2000mm FREE ACCESS SHALL BE MADE AVAILABLE AT ALL TIME FOR WATER SUPPLIES DEPT. CARRY OUT THE INSPECTION AND MAINTENANCE AND REPAIR WORKS

**M&D**  
 Planning and Construction Consultant Ltd.

Tel: 2191 4088  
 Fax: 3105 0810  
 Email: sales@moderneng.com.hk

Project

LOTS 183 RP (PART) IN D.D. 52, FU TEI AU, SHEUNG SHUI, N.T.

Application

Drawing Title	
PROPOSED DRAINAGE LAYOUT PLAN	
Scale	Revisions
1:300 (A3)	-
Designed by	Drawn by
Arthur	Arthur
Checked by	Date
LW	24-DEC-2025
Job No.	Drawing No.
-	LP-01