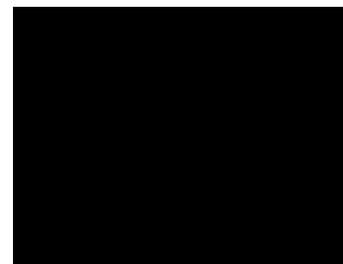Our Ref: S3115a/MARYKNOLL_GB/25/005Lg

29 January 2026

Secretary, Town Planning Board
15/F, North Point Government Offices
333 Java Road
North Point
Hong Kong

Dear Sir/Madam,

Proposed Utility Installation for Private Project,
Government Land Adjoining 44 Stanley Village Road, Stanley, Hong Kong
(Section 16 Planning Application No. A/H19/88)

- Further Information No. 4 -

Reference is made to the captioned s.16 Planning Application scheduled for consideration by the Town Planning Board on 6 February 2026 and the comments from Drainage Services Department conveyed by the Hong Kong District Planning Office, Planning Department on 9 January 2026.

Please find the attached calculation of paved area and runoff before and after the installation of the utilities at the Application Site.

Should you have any queries in relation to the above or attached, please do not hesitate to contact the undersigned at ▆▆▆▆▆▆ or Ms. Gladys Ng at ▆▆▆▆▆.

Thank you for your kind attention.

Yours faithfully
For and on behalf of
KTA PLANNING LIMITED

Benjamin Tung

Encl.

cc. the Applicant & Team

KT/GN/BT/vy

STT Runoff culcalation
Original

Area	Grassland: (A_1)		=	0.000736 km^2
	Concrete: (A_2)		=	0.000019 km^2
Runoff coefficient	Grassland(Sany soil) - Steep : (C_1)		=	0.2
	concrete: (C_2)		=	0.8

Time of concentration = 5 min
Urban Drainage Branch Return Period = 50 years
Table 10 of Stormwater Manual
Rainfall intensity = 226 mm/hr
Table 2a of Corrigendum No. 1/2024 of Stormwater Drainage Manual)
Effect of climate change with design allowance in end-21 st Century scenario
and
Corrigendum No. 1/2022 of Stormwater Drainage Manual
= 16.0% + 12.1% = 28.1%
Rainfall intensity adopted = 226 x 28.1% = 290 mm/hr

Q_p = peak runoff in m^3/s
C = Runoff coefficient
i = rainfall intensity in mm/hr
A = catchment area in km^2

Q_p = 0.278 x i x (C_1xA_1+C_2xA_2)
= 0.278 x 290 x (0.000736 x 0.2 + 0.000019 x 0.8)
= 0.01309 m^3/s
= 13.09 l/s

STT Runoff culcalation
After installation

Area	Grassland: (A_1)	0.000644 km^2
	Concrete: (A_2)	0.000111 km^2
Runoff coefficient	Grassland(Sany soil) - Steep : (C_1)	0.2
	concrete: (C_2)	0.8

Time of concentration = 5 min
Urban Drainage Branch Return Period = 50 years
Table 10 of Stormwater Manual
Rainfall intensity = 226 mm/hr
Table 2a of Corrigendum No. 1/2024 of Stormwater Drainage Manual)
Effect of climate change with design allowance in end-21 st Century scenario
and
Corrigendum No. 1/2022 of Stormwater Drainage Manual
16.0%+12.1% = 28.1%
Rainfall intensity adopted= 226x28.1% = 290 mm/hr

Q_p = peak runoff in m^3/s
C = Runoff coefficient
i = rainfall intensity in mm/hr
A = catchment area in km^2

Q_p = 0.278 x i x (C_1xA_1+C_2xA_2)
= 0.278 x 290 x (0.000644 x 0.2 + 0.000111 x 0.8)
= 0.01754 m^3/s
= 17.543 l/s

Compare the Peak Runoff, the Runoff is increased 4.45l/s