

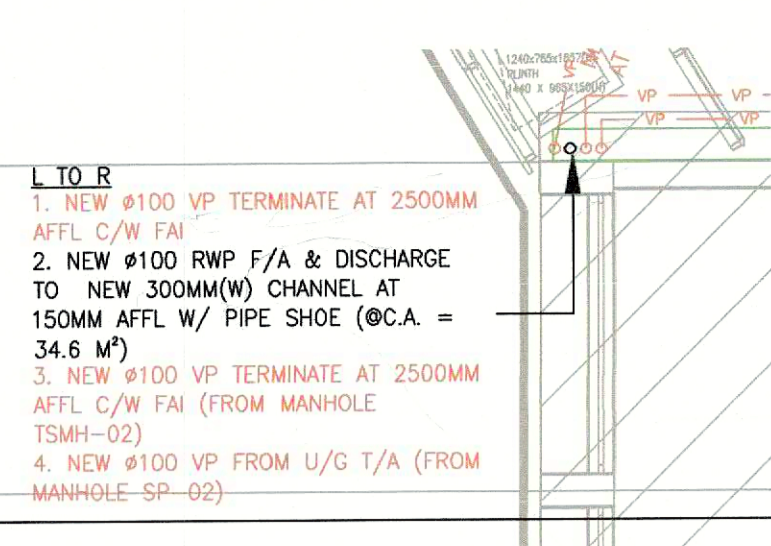


Your Ref.: A/YL-MP/378
Our Ref.: H20002/PD/R/005
Date: 21 Oct 2024

By Email

Appendix C

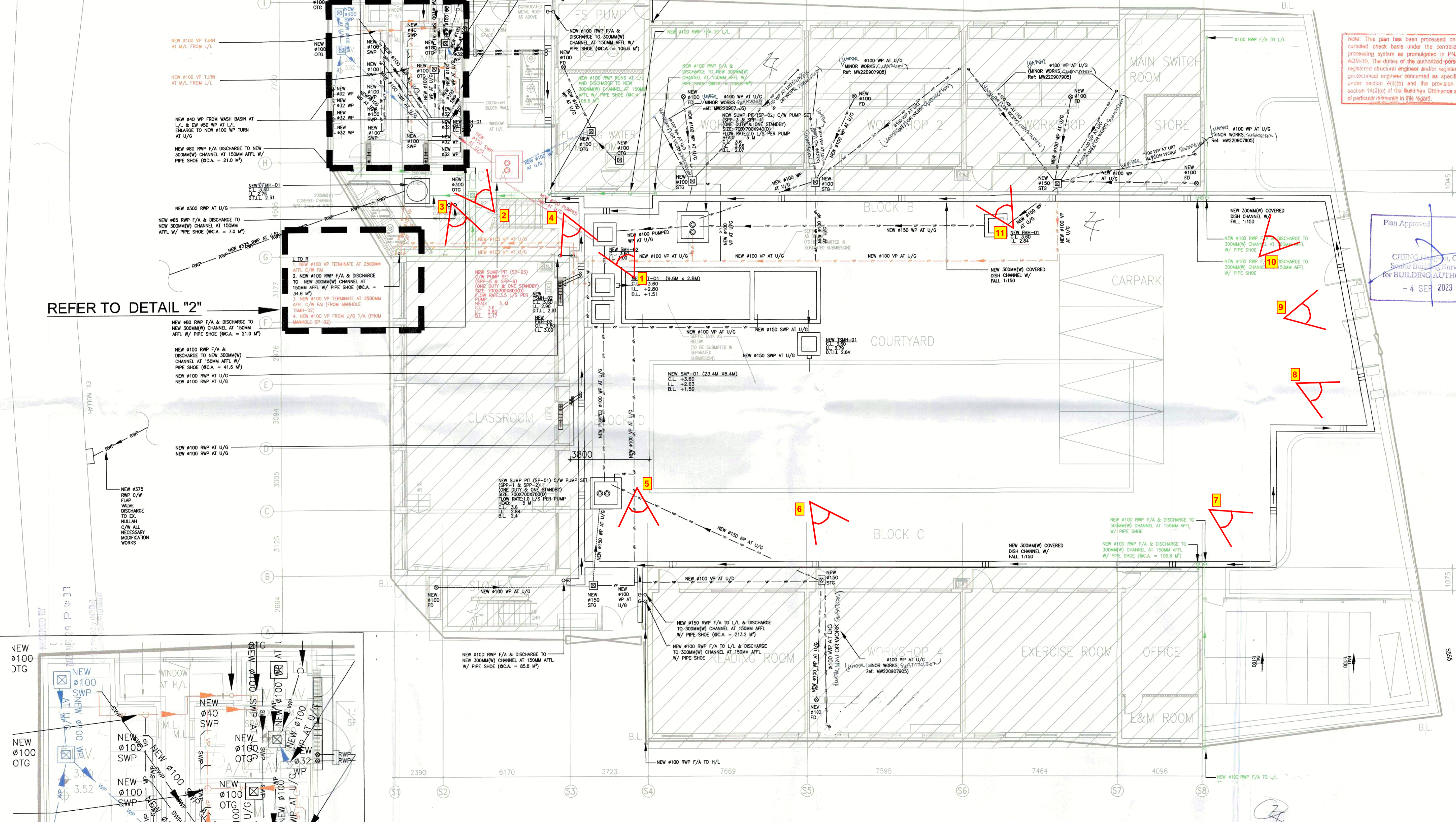
A report on the latest condition of the existing drainage facilities, including photo records



REFER TO DETAIL "1"

"The works shown on these plans are Type II works (Drainage Works) in respect of which consent is applied for the propose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

DETAIL "2"



REFER TO DETAIL "2"

Note: This plan has been processed on a controlled check basis under the controlled processing system as promulgated in PNAP ADM-19. The duties of the authorized person, registered structural engineer and/or registered geotechnical engineer concerned as specified under section 4(3)(b) and the provision of section 14(2)(a) of the Buildings Ordinance are of particular relevance in this regard.

B.D.
AMENDMENT
 DATE: 29 Aug 2023

Plan Approved
 CHENG HING ON, Colin
 Senior Building Surveyor
 for BUILDING AUTHORITY
 - 4 SEP 2023

Edward Tam
TAM CHEUNG KWAN
 AUTHORIZED PERSON (LIST A)

2	BD RE-SUBMISSION	9/8/23
1	BD RE-SUBMISSION	20/3/23
0	BD SUBMISSION	15/7/22
REV.	DESCRIPTION	DATE

CLIENT:

 果園社
 Fruit Garden Social Enterprise Limited

ARCHITECT:

 A.LEAD architects ltd.
 領建建築師事務所有限公司

E&M CONSULTANT:

 PineBridge
 Consulting Limited

PROJECT TITLE:
 PROPOSED FIELD STUDY CENTRE AND ORGANIC FARM IN D.D 104 HA CHUK YUEN TSUEN, SAN TIN, YUEN LONG

DRAWING TITLE:
 DRAINAGE LAYOUT PLAN FOR G/F

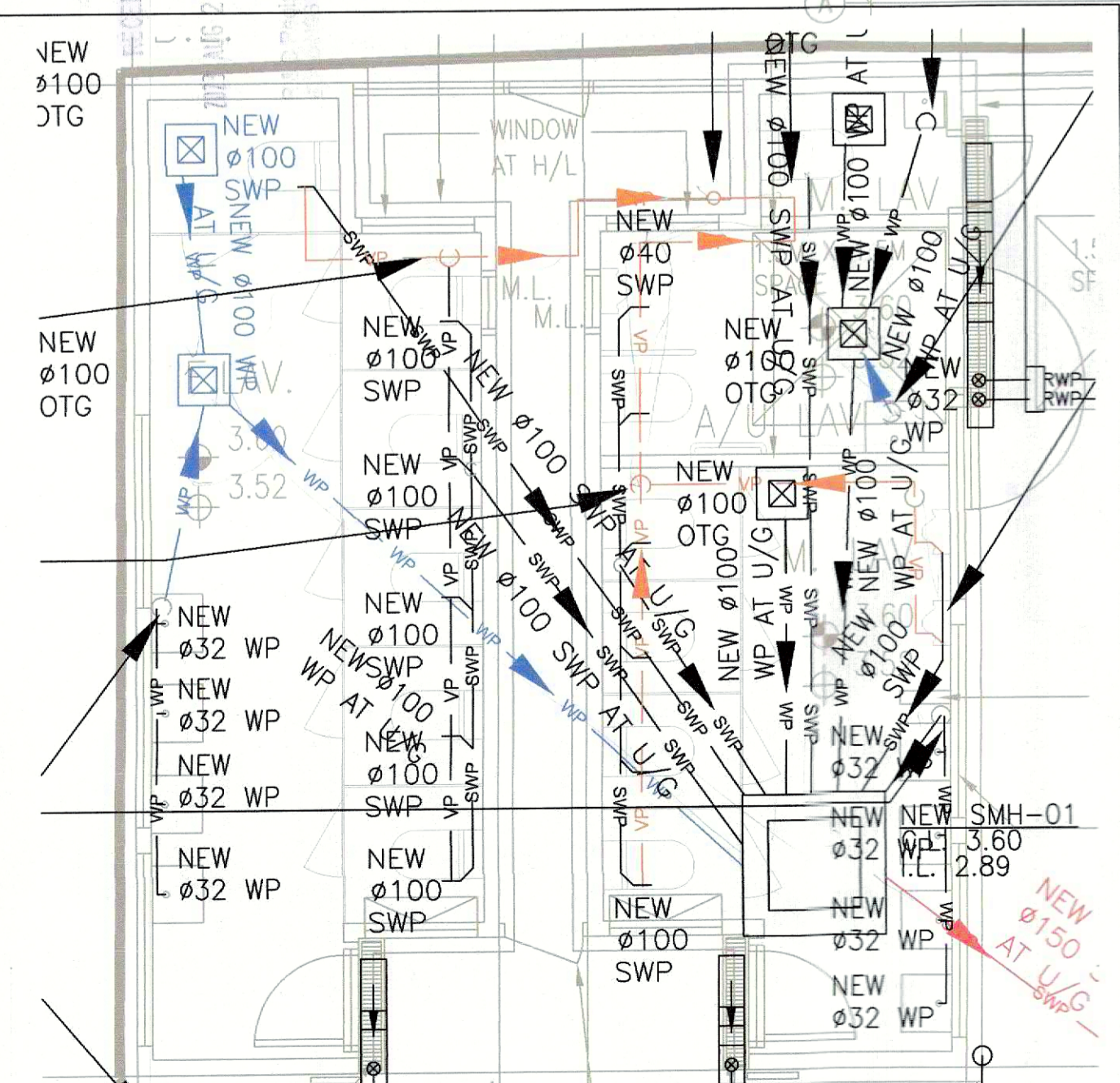
CONTRACT REFERENCE:
 C20006

SCALE:	DATE:
1:100 @A1	NOV 2020
DESIGN:	APPROVED:
CT	KKL

DRAWING NUMBER:
 C20006-D-201

CALCULATION OF SOAKAWAY PIT SIZE
 ALLOWABLE LOADING OF PIT PERCOLATION AREA = 45L/SQ.M/DAY (AT LEVEL +3.60)
 TOTAL DAILY DISCHARGE = 8000 L/DAY
 REQUIRED PIT PERCOLATION AREA = 8000/45 = 177.8 SQ.M
 BASE AREA OF SOAKAWAY PIT = 178.6 SQ.M (>177.8 SQ.M)
 BOTTOM LEVEL OF SOAKAWAY PIT = 2.20 - 0.70 = +1.50

CALCULATION OF SEPTIC TANK SIZE
 ASSUMPTIONS:
 AVERAGE DOMESTIC WATER USAGE IS 40 LITRE/HEAD/DAY
 NO. OF PERSON IN SCHOOL 200 PERSON
 TOTAL DAILY DISCHARGE 8000L (8 M. CU.)
 SIZE OF SEPTIC TANK: L=9M, B=2.3M, D=1.21M
 CAPACITY OF SEPTIC TANK, C=25 M. CU.
 BOTTOM LEVEL OF SEPTIC TANK = 2.80 - 1.21 - 0.08 = +1.51 (SEPTIC TANK IL=+2.46)



DETAIL "1"

Demarcation Plan - Drainage

Re: Field Study Centre and Organic Farm by Revitalization of Former Chuk Hing Public School at Government Land (GL) in D.O. 104, Ha Chuk Yuen Tsuen, San Tin, Yuen Long

Report of Latest condition of existing drainage facilities

Photo record for latest condition of existing drainage



Photo 1



Photo 2

Re: Field Study Centre and Organic Farm by Revitalization of Former Chuk Hing Public School at Government Land (GL) in D.O. 104, Ha Chuk Yuen Tsuen, San Tin, Yuen Long

Report of Latest condition of existing drainage facilities

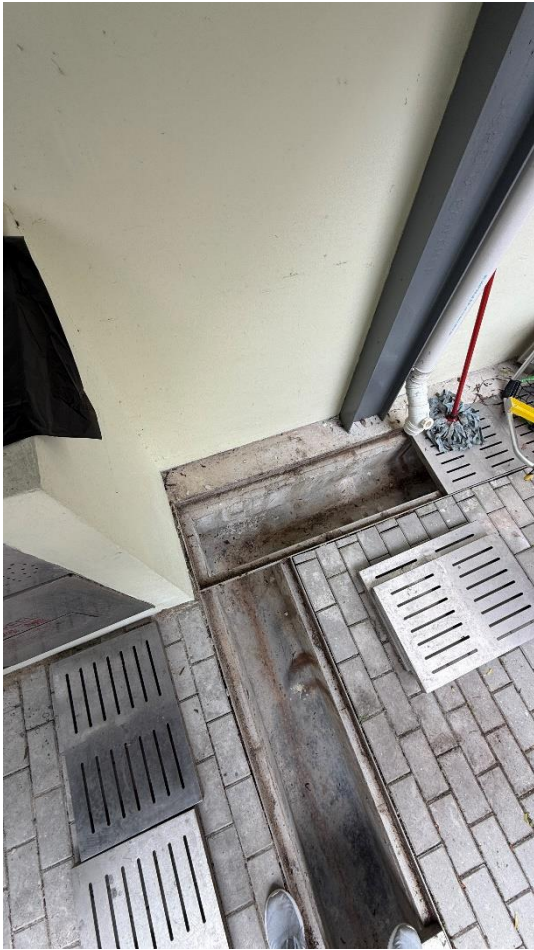


Photo 3

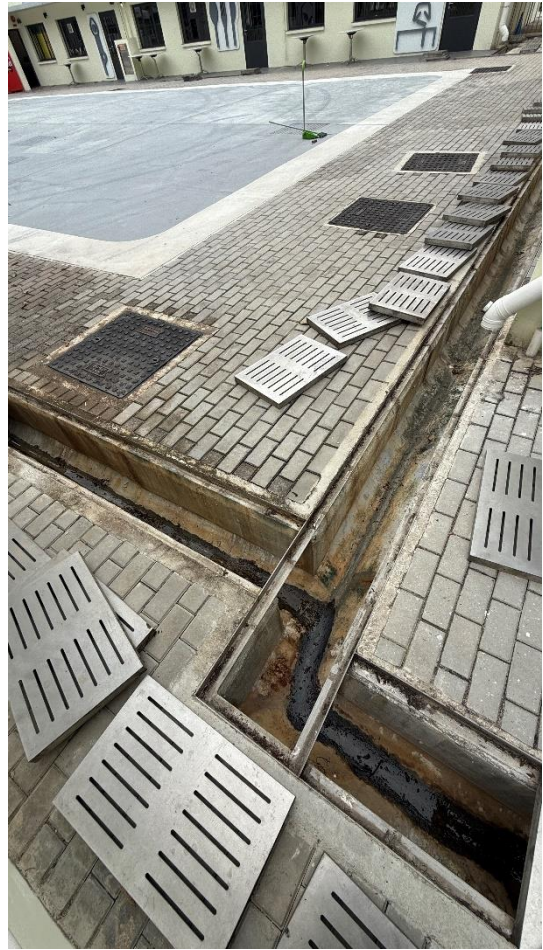


Photo 4

Re: Field Study Centre and Organic Farm by Revitalization of Former Chuk Hing Public School at Government Land (GL) in D.O. 104, Ha Chuk Yuen Tsuen, San Tin, Yuen Long

Report of Latest condition of existing drainage facilities



Photo 5



Photo 6

Re: Field Study Centre and Organic Farm by Revitalization of Former Chuk Hing Public School at Government Land (GL) in D.O. 104, Ha Chuk Yuen Tsuen, San Tin, Yuen Long

Report of Latest condition of existing drainage facilities



Photo 7



Photo 8



Photo 9



Photo 10

Re: Field Study Centre and Organic Farm by Revitalization of Former Chuk Hing Public School at Government Land (GL) in D.O. 104, Ha Chuk Yuen Tsuen, San Tin, Yuen Long

Report of Latest condition of existing drainage facilities

