寄件者: [redacted]
寄件日期: 2024年05月10日星期五 14:37
收件者: Eva Ka Yan TAM/PLAND
副本: Bosco Tak Ko YUNG/PLAND
主旨: RE: Application No. A/YL-TT/636 - Departmental Comments
附件: Completion Letter_82856455573_20220128173336.pdf; TL_MKTT_FLOOR_PLAN_24 APR 2024.pdf; TD_comment_LOT2061.pdf; 木橋頭村農地LOT2061_PV申請.pdf

類別:

Dear Eva:

Good day!

Here is our reply for the comments and attached the update floor plan for your reference.

Adverse Comments from LandsD

The PV panels are installed within the lot 2061 and 1.5M height, with no purpose for any storage or use for the cover area. The structure is just put on the land and build by temporary standard. There are 2 containers for electricity equipment storage and CLP meter use only. Pls refer to the floor plan for the details.

Not support from Agriculture, Fisheries and Conservation

Attached proposal -木橋頭村農地 LOT2061_PV 申請.PDF

Comments from Environment and Ecology Bureau

Attached proposal -木橋頭村農地 LOT2061_PV 申請.PDF

Comments from Transport Department

Pls refer to the attached file- “TD_comment_LOT2061.PDF” of the loading bay and route to delivery the materials onsite by labour and trolley.

Comments from Planning Department

- Please clarify if the proposed use involve of filling of land; -there ‘s no filling of land at all for the project.
- Please provide plan to illustrate section of the applied use, and demonstrate the height of the elevated solar panel and the structures; -attached the plan for your reference.
- Please provide Network Reinforcement Condition Letter issued by CLP, if any -attached the completion letter from CLP of the project for your reference.

Thank you!

Vincent

[redacted]

Application No. A/YL-TT/636 - Departmental Comments 10th May 2024

1. Not support from Agriculture, Fisheries and Conservation Department
2. Comments from Environment and Ecology Bureau

就以上 2 個部門的意見，我們的回覆如下:

有關部門的**反對原因**是農地長期荒廢且並未耕種，土壤中的養份流失，最終造成農地不適合耕種。

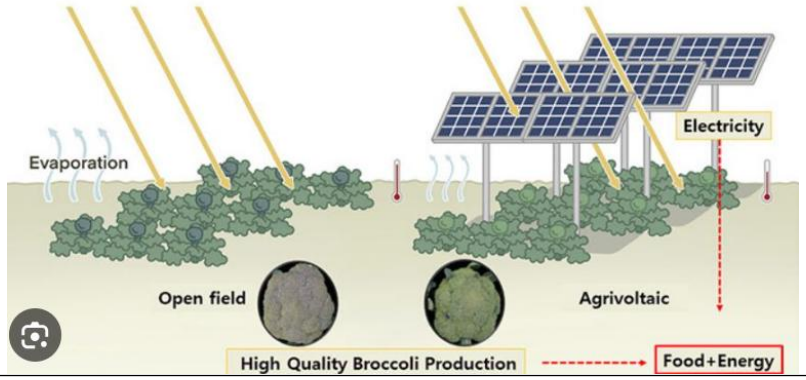
我們的回答: 可以在太陽能板下種植耐弱光蔬菜、植物或食用菌等不需要光，或弱光也無不良反應並生長的植物，以保持土地的養份及活躍性。

具體方案: 太陽能板高度約 1.8 米，是雙面玻璃可透光的，在下面的泥土耕作，種植生菜、油麥菜等弱光可生長並具有一定商業價值的日常餐桌食用蔬菜。

可行性: 參考英國謝菲爾德大學研究員 Richard Randle-Boggis 博士的研究，在 180 塊 345 瓦特的太陽能板之下種植的椰菜，相對在控制地以相同肥料及水量所種的，不只較為健康，體積亦大 3 分 1；茄子、生菜及粟米等其他作物亦有類似結果。參與研究的農學家 Judy Wairimu 表示，若把同一塊地的產量翻倍，以產生電力及種植糧食，對土地資源有限的人會有很大幫助。他解釋，太陽能板不僅減少植物及土壤的水分流失，這些板的陰影還可減輕植物因高溫及紫外線傷害帶來的壓力。

原文網址： https://www.cup.com.hk/2022/02/25/kenya-agrivoltaics-trial/ | *CUP 媒體

實例參考圖片：


Evaporation
Electricity
Open field
Agrivoltaic
High Quality Broccoli Production
Food+Energy

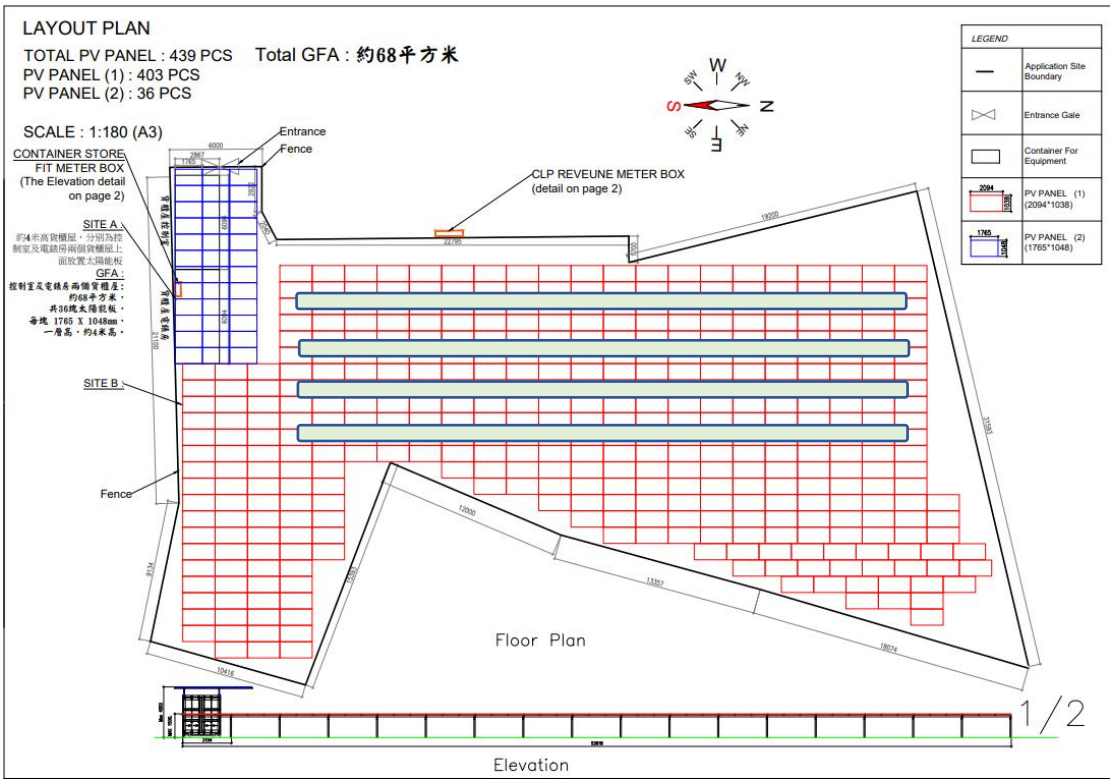
現場情況:



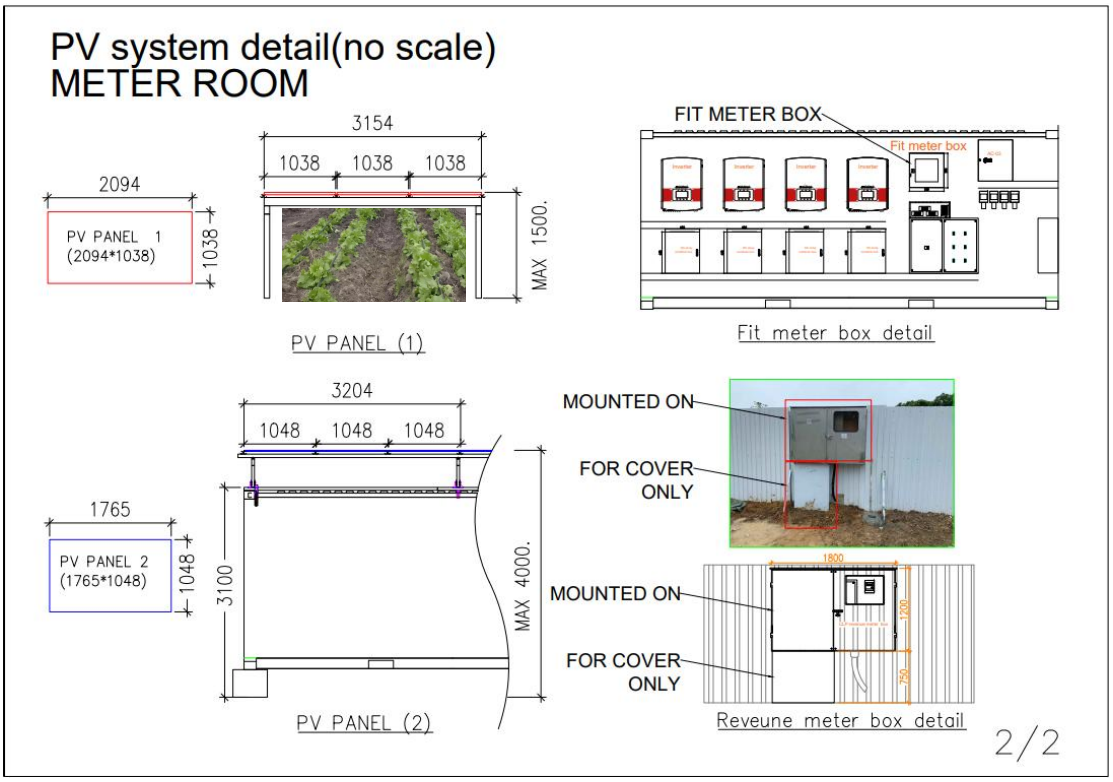





設計圖則:



設想中的耕種位置



結論:

綜合以上各項資料，於太陽能板下耕種的可行性極高，項目本身的條件也合適，然而我司並非農業方面的專家或擁有相關經驗，所以需要與本地的農業機構進行查詢洽商，邀請專業人仕到現場了解各種情況，並給予具體方案和種植的各種配置及必需品。目前疑以接觸的機構有:

- 香港水耕種植協會
- 元朗蔬菜合作社
- 十八鄉鄉事委員會
- 香港有機資源中心

相信我們可以找到合適的解決方案，以滿足有關部門的疑問及提議。歡迎有關部門提議資訊或可供合作的渠道與我們聯絡，可以早日實行項目的耕種事宜，謝謝!

香港太陽能發展有限公司
聯絡人: [redacted]
電話: [redacted]
電郵: [redacted]
日期: 10th May 2024

中華電力有限公司
CLP Power Hong Kong Limited

企業客戶服務部
Corporate Customer Experience (CCE)

香港九龍深水埗福華街 215 號七樓
7/F Shamshuipo Centre, 215 Fuk Wa Street
Kowloon, Hong Kong

網址 Website www.clp.com.hk

28 January 2022

HONG KONG SOLAR MANUFACTURING LIMITED
4 3/F
CARDINAL INDUSTRIAL BUILDING
17 ON LOK MUN STREET
FANLING

Attention: HONG KONG SOLAR MANUFACTURING LIMITED

[redacted]

Dear HONG KONG SOLAR MANUFACTURING LIMITED,

CLP Renewable Energy Feed-in Tariff (FiT) Scheme – Completion Letter
Renewable Energy RE System with a Total Generation Capacity of 170.00 kW at G/F,DD 119 LOT 2061, MUK KIU TAU TSUEN, SHAP PAT HEUNG YUEN LONG with Customer Main Switch Rating > 100 A

Thank you once again for your support for the CLP Renewable Energy Feed-in Tariff (FiT) Scheme. We are pleased to inform you that the RE system at the above address shown in Figure 1 below will be connected to the CLP grid with effect from the commencement date as follows.

The following table indicates the FiT rate applicable from the commencement date throughout the useful life of the renewable energy system up to 31 December 2033, subject to the FiT Scheme Terms and Conditions.

RE system at the above address under your FiT Agreement	Generation capacity (kW)	FiT rate ($/kWh)	Commencement date
New solar system at G/F,DD 119 LOT 2061,MUK KIU TAU TSUEN, SHAP PAT HEUNG YUEN LONG, NEW TERRITORIES	170.00 (Three-phase)	4.00	26 January 2022

Figure 1 - As-built site photos of RE system structure/equipment taken on 26 January 2022

Please be reminded that the design, installation, operation and maintenance of the RE system should comply with all applicable laws, regulations, guidelines, and safety and technical requirements. This includes compliance with the requirements set out under the Technical Guidelines on Grid Connection of Renewable Energy Power Systems and the Guidance Notes for Solar Photovoltaic (PV) System Installation, both issued by the Electrical and Mechanical Services Department ("EMSD").

You should not make any changes to the RE system, including changes to its capacity, without prior written approval from CLP. If you wish to increase the capacity of the RE system, you can do so by submitting a new application.

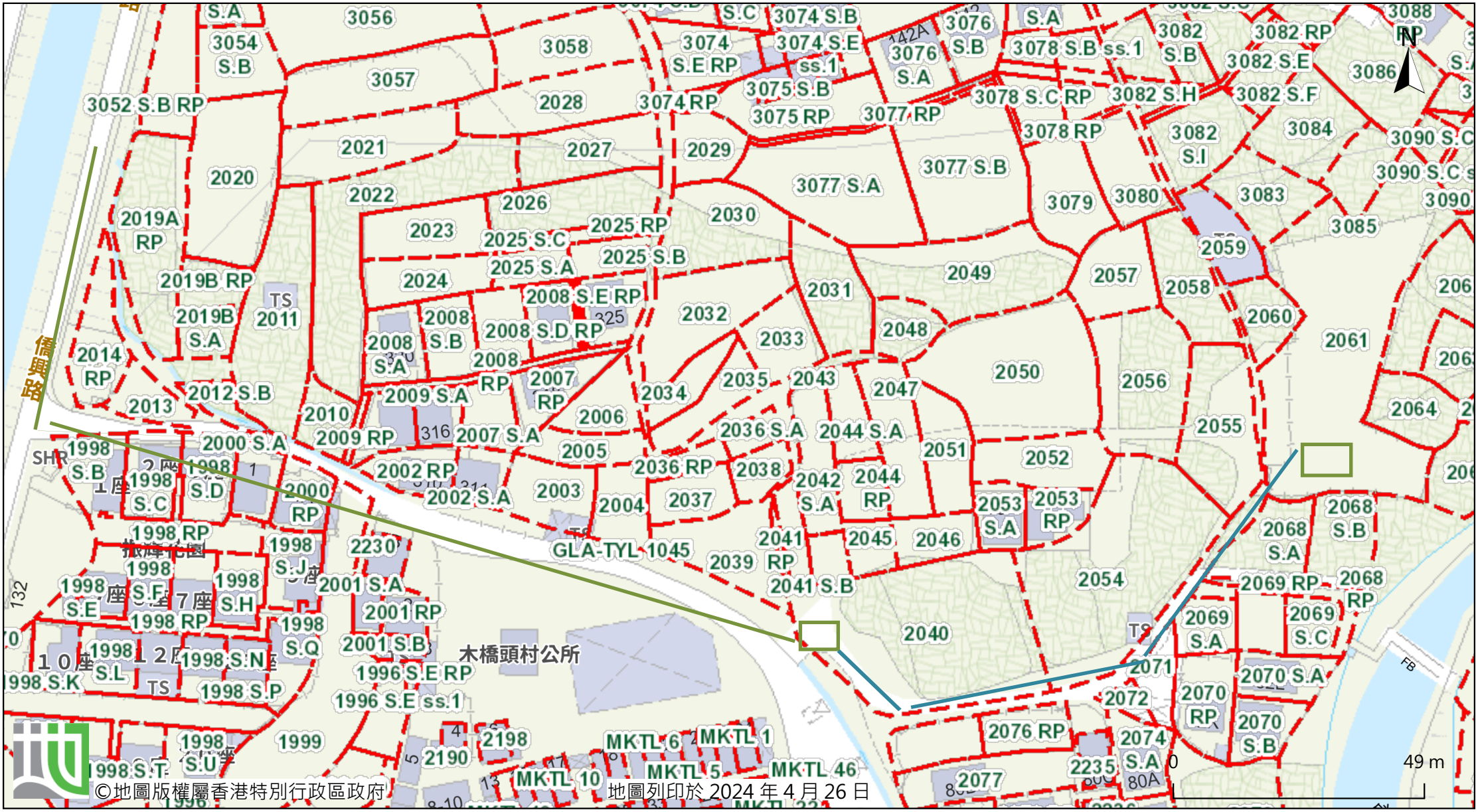
We would also like to remind you that, according to the FiT Scheme Terms and Conditions, all the electricity generated by the RE system under the Scheme will be sold to CLP and Scheme participants are restricted in claiming emissions reduction benefits that may arise from the RE system. Scheme participants who wish to claim emissions reduction benefits may consider purchasing CLP Renewable Energy Certificates. Please contact your Account Manager for details.

If you have any questions, please do not hesitate to contact your Account Manager [redacted]

Yours sincerely,
CLP Power Hong Kong Limited
Note: This is a computer printout letter that requires no signature.

GEOINFO MAP
地理資訊地圖

前往地圖: https://www2.map.gov.hk/gm/geo:22.4303,114.0245?z=1128



由「地理資訊地圖」網站提供: https://www2.map.gov.hk

Van Route　Trolley Route　Loading Bay

LAYOUT PLAN

TOTAL PV PANEL : 439 PCS　Total GFA : 約68平方米
PV PANEL (1) : 403 PCS
PV PANEL (2) : 36 PCS

SCALE : 1:180 (A3)

CONTAINER STORE
FIT METER BOX
(The Elevation detail on page 2)

SITE A :
約4米高貨櫃屋，分別為控制室及電錶房兩個貨櫃屋上面放置太陽能板

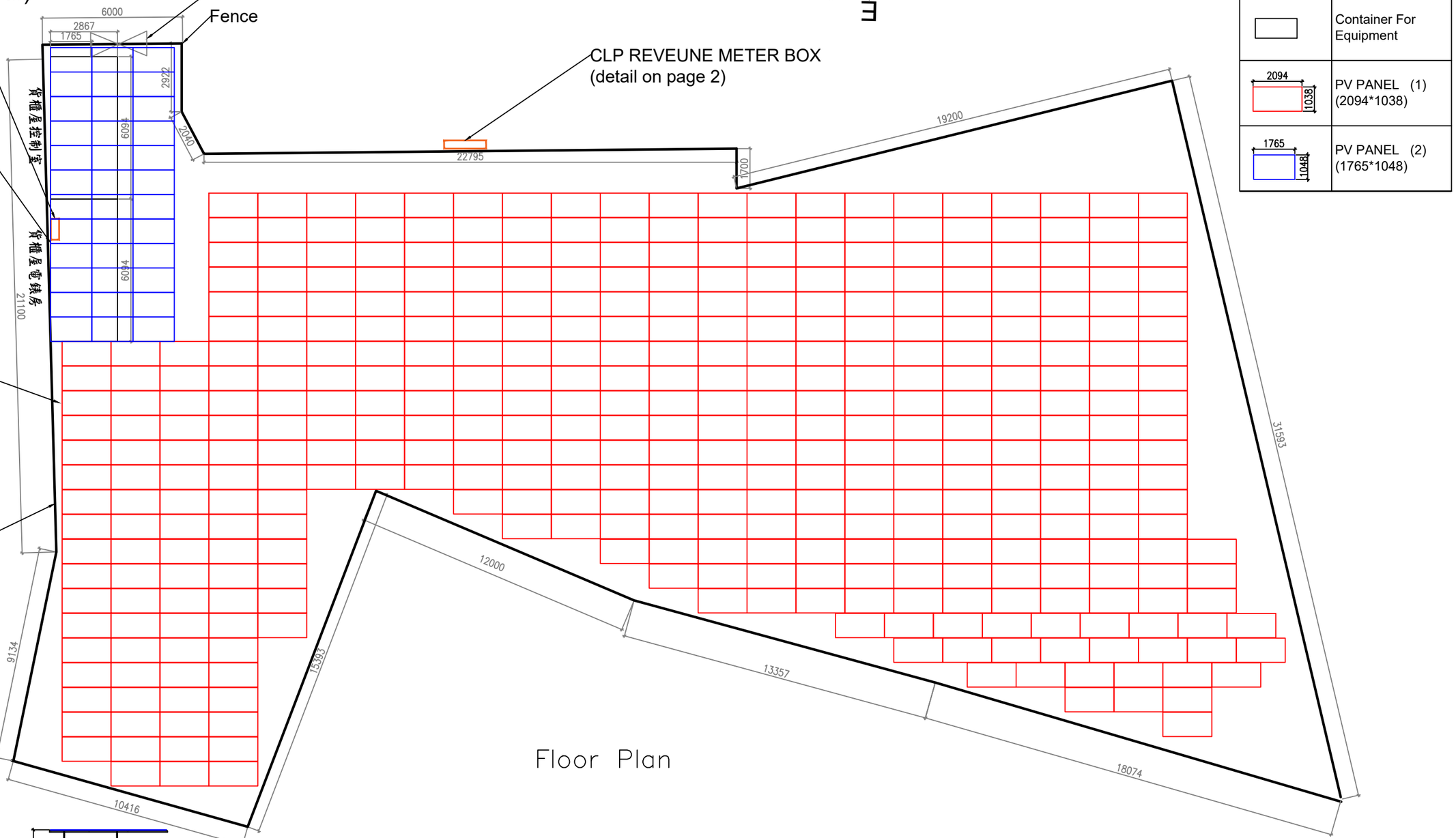
GFA :
控制室及電錶房兩個貨櫃屋:
約68平方米，
共36塊太陽能板，
每塊 1765 X 1048mm，
一層高，約4米高。

SITE B :

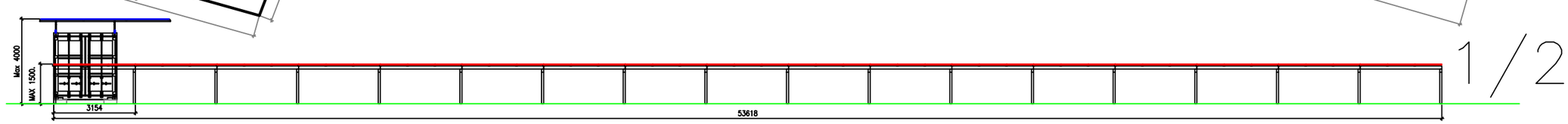
Fence

Entrance
Fence

CLP REVEUNE METER BOX
(detail on page 2)



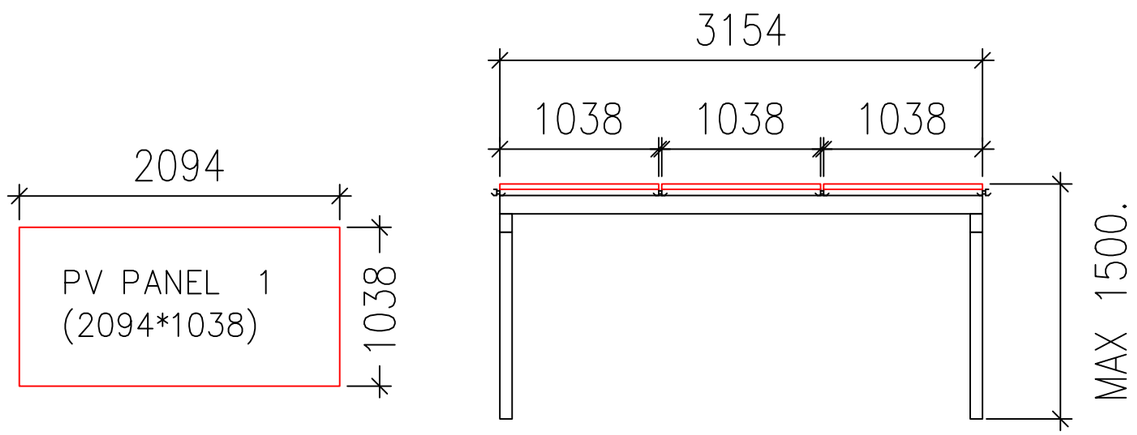
Floor Plan



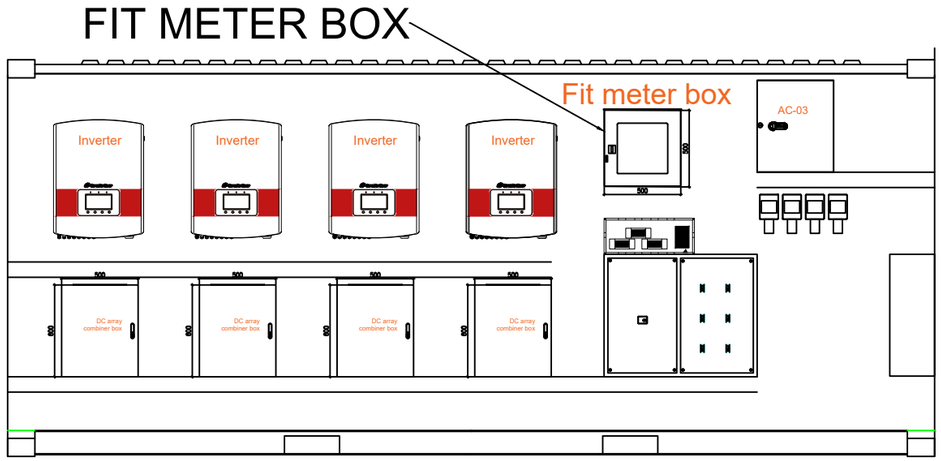
Elevation

LEGEND	
—	Application Site Boundary
⋈	Entrance Gale
▭	Container For Equipment
2094 × 1038	PV PANEL (1) (2094*1038)
1765 × 1048	PV PANEL (2) (1765*1048)

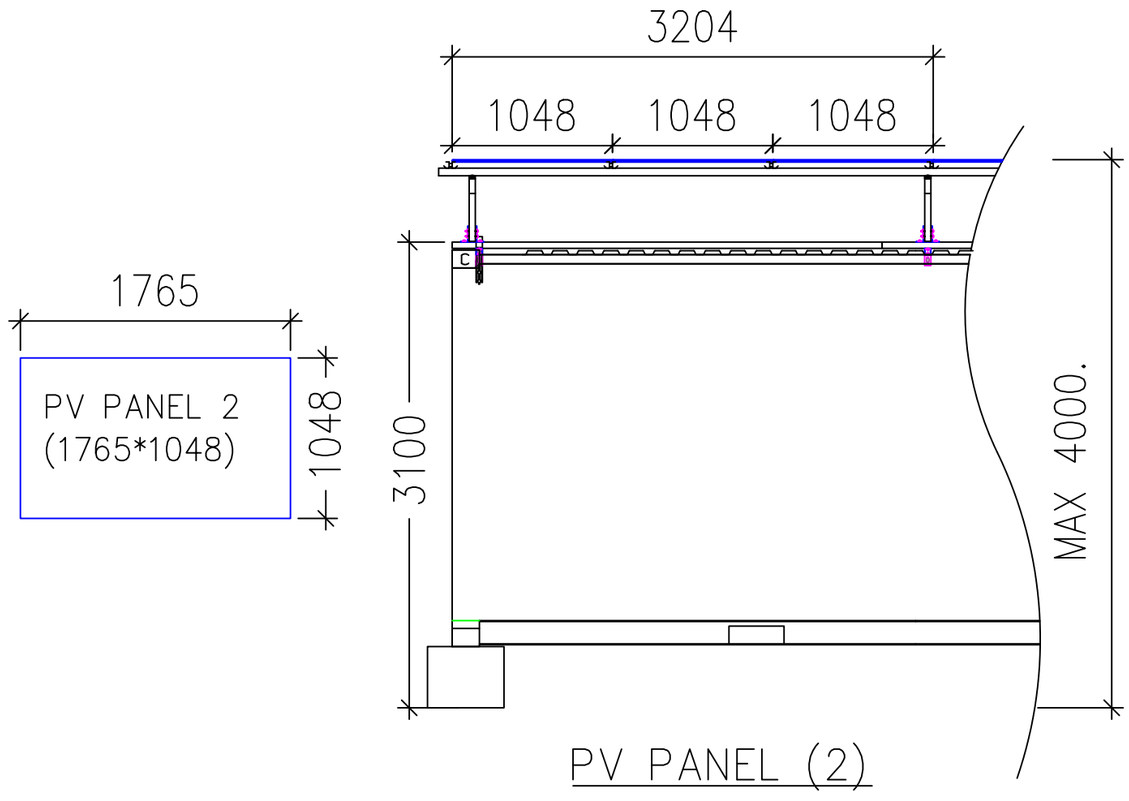
PV system detail(no scale)
METER ROOM



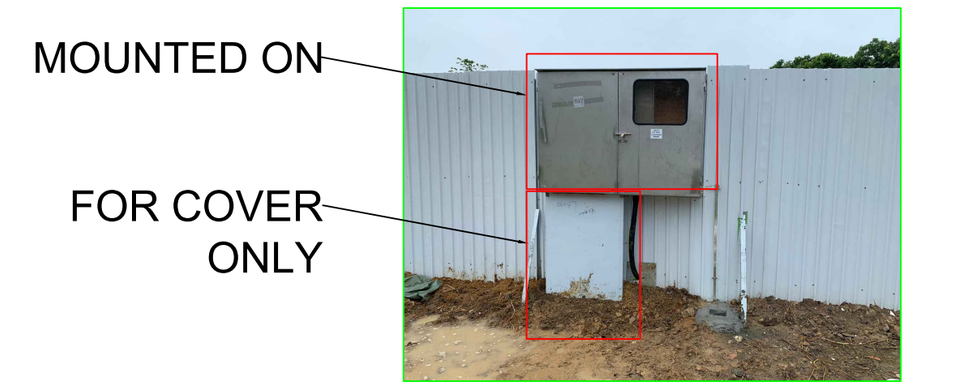
PV PANEL (1)



Fit meter box detail



PV PANEL (2)



Reveune meter box detail