

Attachments of TM-210450

1) Purpose

CLP Power Hong Kong Limited
Power Systems Business Group



Capital Project Budget Estimation

1. **Business Type:** NEW SUPPLY
2. **Project Title:** NS-C NO.153 SHA KIU HA WAN TSUEN YL
3. **Project No.:** TM-210450
4. **Target Date:** DEC 2021
5. **Load Estimation:**
6. **Purpose:** 客戶申請單相錶 1 個 40A (兩層高木屋, 住宅用电)

7. Description of Proposed Work:

8. Estimated Quantity of CAPEX Major Work Required

LV Overhead Line WBS-411

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11kV Overhead Line WBS-412

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LV Underground Cable WBS-421

-放 300Al CABLE (38m)

-安裝 1 套 300A 吉勾及 LINK BOX

-上 2 條 300Al4/C 地線頭

-駁 1 x 300/300 T/J

-做 1 x 300Al END CAP

HV Underground Cable WBS-422

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LV Switchgear WBS-431

-

11kV Switchgear WBS-432

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11kV Transformer WBS-442

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Substation Others (CLP) WBS-459

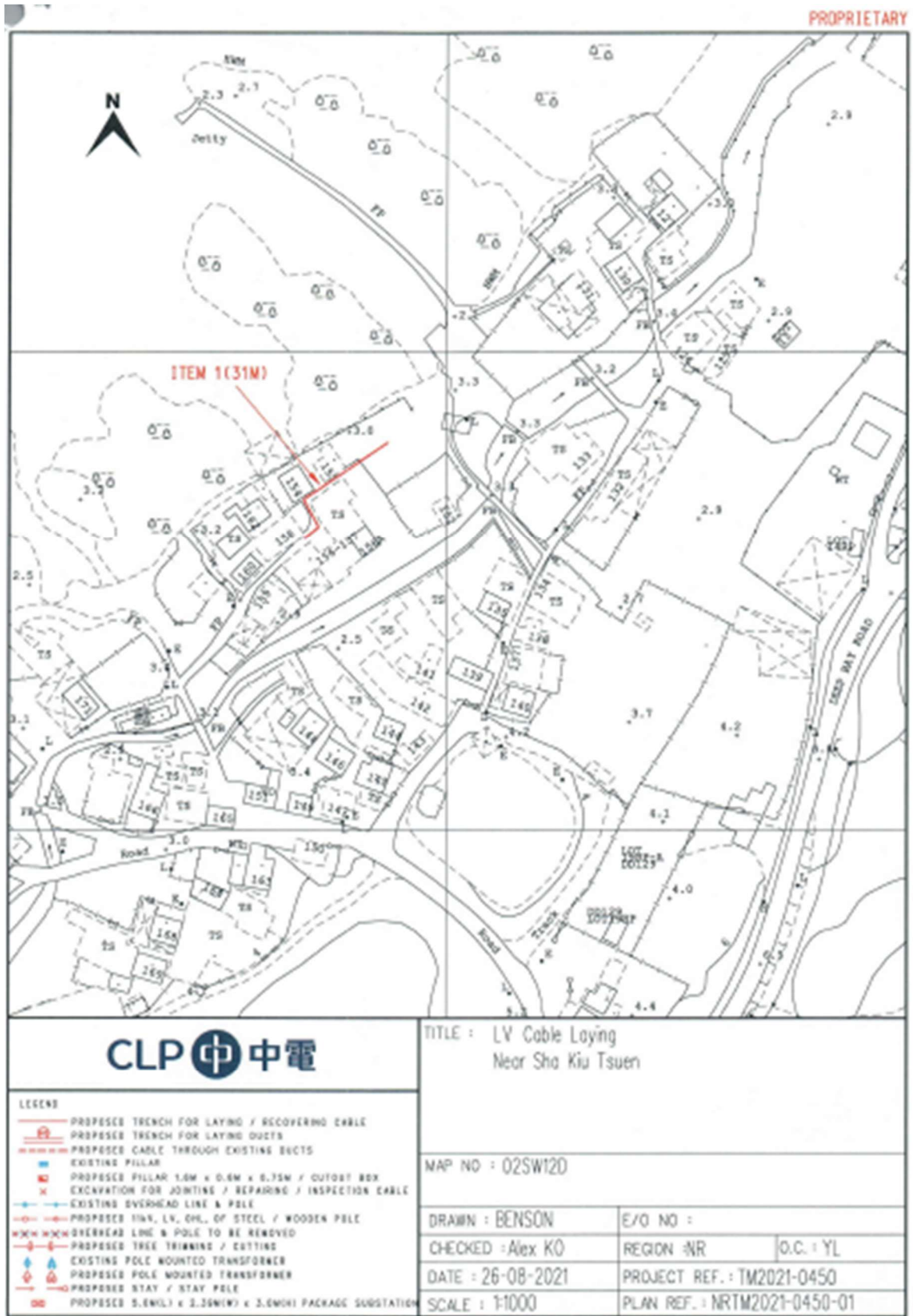
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Telemetry WBS-463

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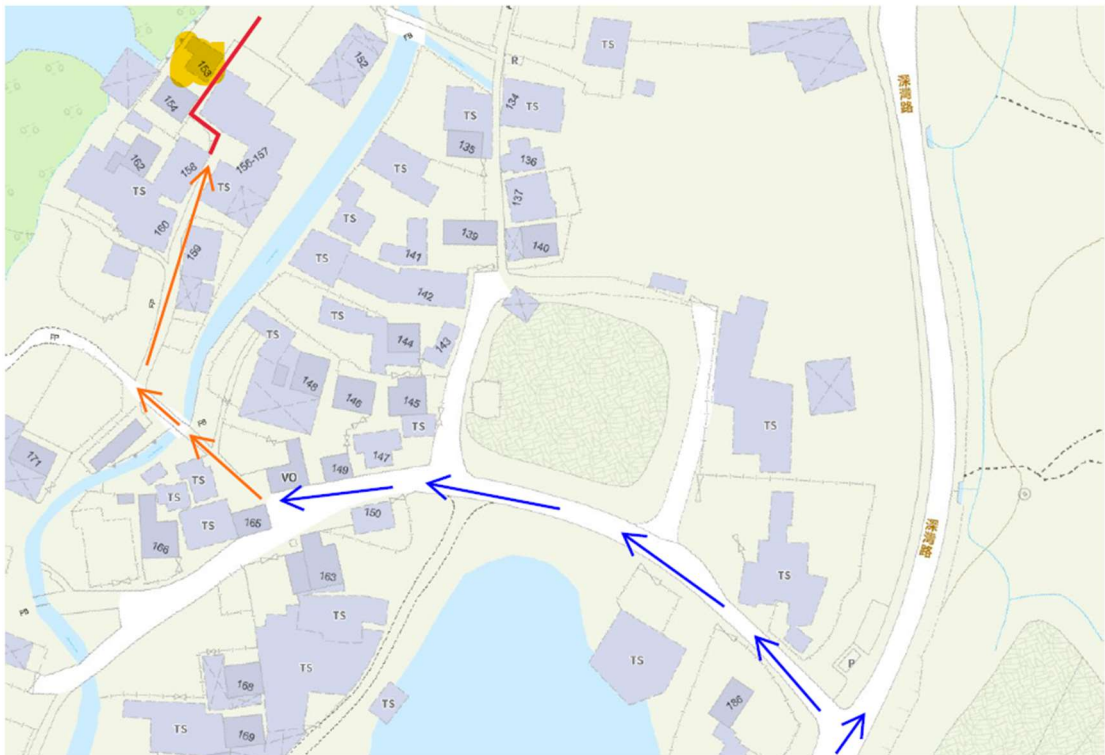
- The purpose of apply electricity power is engaged in the Two -floor unit house for residential.
- There is a scope of residential along Deep Bay Road, so that applicant applied new supply for residential since 2021.
- We clarify that the standard voltage is 380V 300 4 core AL underground cable.
- The meaning of LV is Low Voltage.

2) Site Location



- Item1 is the routing of exaction

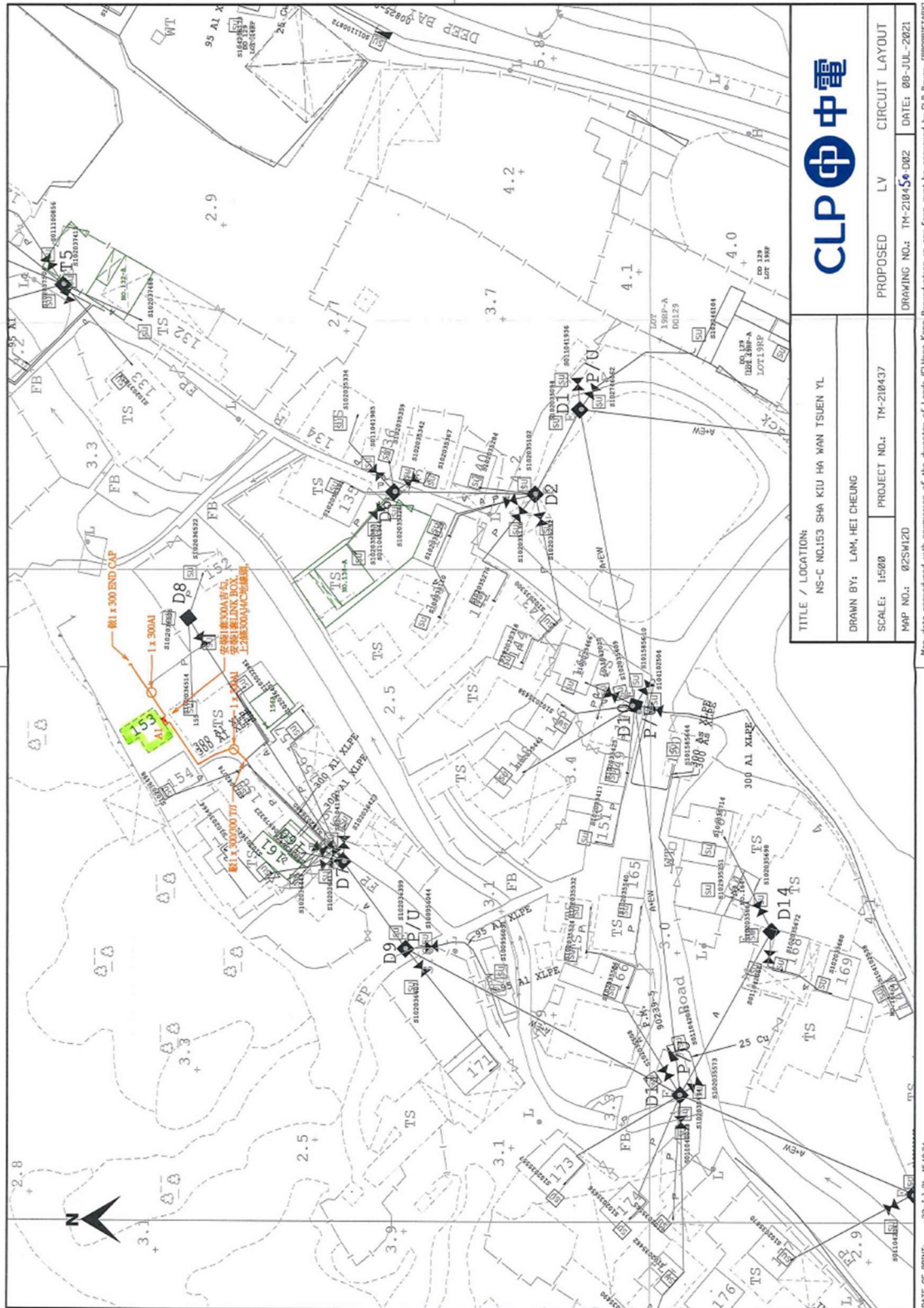
3) Vehicular Access plan



Local Road leading from Deep Bay Road

- The location of applicant to apply new supply power is the yellow highlight of no.153.
- The backfill material is concrete and will reinstate to the original condition.
- The Red Line is the location of site
- The orange arrow symbols are Handing Access Route
- The blue arrow symbols are Vehicular Access Route
- The types of Vehicles are 24-ton Vehicle & 5.5-ton Vehicle
- The frequency of Vehicular Access is 3-4 times per day
- The Completion Period is around 6 weeks

4) Layout plan



- The layout plan is focus on which circuit that the original cable is black line and we need joint the new cable which is the orange word and line is directly association in this case that this part is the project location of cable joint to supply power to applicant.

- The reason of why the different between of the layout plan and location plan is that the route of location plan is long that the route of layout plan is because of the location plan is the exaction routing of permit that the longer zone is for worker to work and more zone to find the cable to joint.