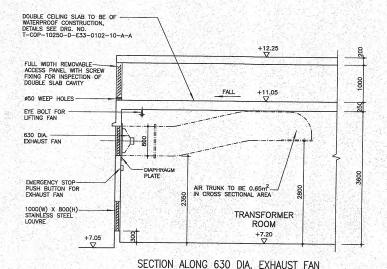
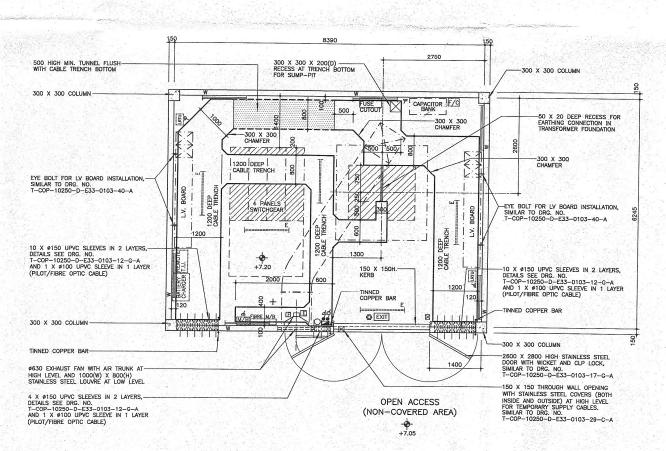


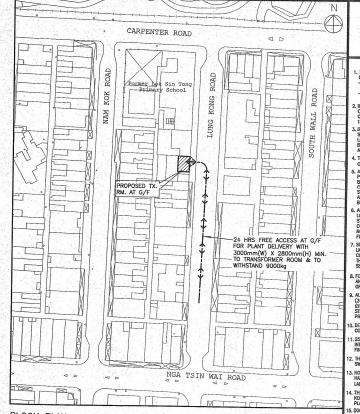
## NOTES:

- IF THERE IS A RAMP AT THE PLANT DELIVERY ROUTE. STRUCTURAL STEEL HAULAGE LUG(S) SHOULD BE PROVIDED AND MAINTAINED BY CUSTOMER. FOR PLANT DELIVERY INSIDE TRANSFORMER ROOM, EVE BOLIT(S)
  SHOULD BE PROVIDED. THE ACTUAL NUMBER(S) AND
  LOCATION(S) OF THE HAULAGE LUG(S) AND EYE BOLIT(S)
  SHOULD BE COORDINATED AT SITE WITH LLP'S ENGINEER
- NO MODIFICATION OF ACB LOCATION(S) WILL BE ACCEPTABLE WITHOUT CLP PRIOR AGREEMENT.





LAYOUT PLAN OF TRANSFORMER ROOM AT G/F



BLOCK PLAN SCALE 1:1000



TRANSFORMER ROOM SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE OR CONCRETE BLOC OF BS 6073 PART A WITH A COMPRESSIVE STRENGTH OF NOT LESS THAN 20M/mm². OF BS BUT3 FANT A WITH A COMPRESSIVE STRENGTH OF NOT LESS THAN ZOM/mm."

A REAL HATCHER FOR SINTHCRAFE RECEITOR SHALL BE DESIGHED TO WITHSTAND A MANIMUM STATIC PLUS DYMANIC LOAD OF TYAN FER PANEL. THE MINIMUM DIMENSIONS FOR THE 1114 SWITCHGEAR BASE SHALL BE (1400mm & 500mm PER PANEL. ON A DEVEC CONCRETE & COMBINED CLASSTRUCTION OF 450mm IN THEORISES BINN, WITH MIN. STREAMTH OF 30Mps IN 420 MAYS & SANE SHRANGER REPROFECUELY IF IT IS LIAD ON GENER, PLESSE ALSO FEER TO NOTE MO. 3 ACOUS ON COMPACTION OF SOIL, MINIMUM TOP COVER TO REINFOCCIENT IN CONCRETE TO BE 50mm. PRISED TOP SUBPRISE OF BE LEISE. TO WITHIN A TOLERANCE OF TIME IN 1000mm.

SE GAMENT, PRINSTED FOR SUPERAL TO BE LEVEL TO WINNER A CITEDIANCE OF TIRM IN 1000mm AREA MACRES TO BE 1500mm; ST BOOD ON GAME, A BEINE CONCERT FOUNDATION WITH MAN A LIDONN OF SCOOLING. IT IT IS AND ON GAME, A BEINE CONCERT FOUNDATION WITH MAN CONSTRUCTION. AND WITH SERVINGER FOR THE STATE OF THE STA

8. FOR BASEMENT, GROUND FLOOR AND UPPER FLOOR TRANSFORMER ROOMS, ALL GROUND BEAMS AND FLOOR BEAMS TO BE LOWERED 1200mm FROM FINISHED FLOOR LEVEL FOR CONSTRUCTION OF CABLE TREICHES.

ALL EXTERNAL STEELWORKS STANLESS STEEL SHALL COMPLY TO BS EN 10088-1 GRADE 1.4404
(316L). THIS REQUIREMENT APPLY FOR DOORS, DOOR FRAMES, LOUMES, RAT GUARDS, INTERNAL
STEELMORK, CAR TRANKHOR, INMAREST, CHECURE PARTY, E.C., SHALL BE IND DE GUARDSELY
STEEL TO BS EN 10025-2004 GRADE 5275 MD FINISHED WITH ONE COAT OF CALCIUM PLUMBAT
PRIMER AND THO MINISHED CUARTS OR GRY SYNTHETIC ORY.

O. DETAILED ARRANGEMENT OF CABLE TRAY FOR INSTALLATION OF INTERNAL WIRING AND CONTROL WIRING TO BE DETERMINED ON SITE.

1. 25mm DIA. GALVANIZED STEEL RING EYE BOLT TO BE PROVIDED AND INSTALLED ON INTERNAL WALL AT 100mm FROM BOTH SIDES OF ALL DOORS AND AT 1000mm ABOVI FINISHED FLOOR LEVEL.

. THE CUSTOMER'S INSTALLATION INCLUDING THE GENERAL SAFETY REQUIREMENTS FOR THE SWITCHROOM SHALL COMPLY WITH THE ELECTRICITY ORDINANCE. 3. HOISTING SYSTEM SHALL BE ELECTRICALLY OPERATED. AN EMERGENCY LOWERING DEVICE WITH HANDWHELL SHALL BE PROVIDED ELECTRICITY SUPPLY SHALL BE CONNECTED TO THE LANDLORD'S ESSENTIAL BOARD WITH STRANDBY GENERATOR BACK UP.

I. THE LAYOUT DRAWING IS PREPARED FROM BUILDING PLANS SUBMITTED, CLP POWER HONG KONG LIMITED MUST BE INFORMED IMMEDIATELY OF ANY MODIFICATIONS TO THE BUILDING PLANS WHICH MAY AFFECT THE DRAWING.

DOOR CONTACTS SHALL BE INSTALLED FOR ALL WICKET DOORS INSIDE THE TRANSFORMER PROM

FIRE PROTECTION REQUIREMENTS

. This transformer room shall comply fully with the standard requirements of hong kong fire services department. Fallure to comply in any respect may result in a delay to the provision of a supply. THE TRANSFORMER ROOM TO BE COMPLETELY SEPARATED FROM THE REMAINDER OF THE BUILDING AND TO BE 2 HOURS FIRE RESISTANT PERIOD IN ACCORDANCE WITH BS 476-1987.

4. THE 150mm HIGH CONCRETE KERB, AS SHOWN, TO BE CONSTRUCTED BY CUSTOMER AFTER CLP POWER'S PLANT HAS BEEN INSTALLED AND BEFORE TRANSFORMER ROOM IS ENERGISED.

THIS ROOM IS TO BE PROVIDED WITH FIRE EXTINGUISHING APPARATUS TO THE SATISFACTION OF THE DIRECTOR OF FIRE SERVICES, PORTABLE EXTINGUISHER(S), AS SHOWN, WILL BE PROVIDED BY CLP POWER HK LTD. ADDITIONAL EQUIPMENT, IF ANY, WILL BE PROVIDED BY CUSTOMER.

5. IF AUTOMATIC FIRE ALARM INSTALLATION IS REQUIRED BY THE HONG KONG FIRE SERVICES DEPARTMENT, HEAT DETECTION TYPE IS TO BE PROVIDED.

DETARMENT, HEAT DETECTION TYPE IS TO BE PROVIDED.

7. THIS ROOM, SHULL BE INCORPOPIED IN BUILDIN'S PAULY TORNULLY APPROVED BY HONG KORN GOVERNMENT, E HOT YET GETAINED, APPROVIDE FROM THE BUILDING GROWANCE OFFICE, BUILDINGS AND LAWDS DEPARMENT SHULL BE GETAINED.

8. ALL LINKIS FOR ACQUESTIG AND THERMIN, INSULATION PURPOSES IN DUCTINGS AND COUNCILABLE DICTORNOS SHALL BE OF CLASS 1 OF 2 RIVE OF SHERRES SHEAD OF FLAVE AS PER BRITISH STANDARD 478: PART OF OR ITS MITERIATIONAL EQUIVALENT, OR BE BROUGH TO THAT STANDARD BY USE OF AN APPROVIDE FIRE RETARDANT PRODUCT ACCORDING TO THE REQUIREMENT OF FIRE SERVICES DEPARTMENT.

ELECTRICAL FITTINGS .ALL METAL WORK MUST BE BONDED TO THE EARTHING TERMINAL AT THE DISTRIBUTION BOARD WITH COPPER CONDUCTOR NOT LESS THAN 6mm².

2.ALL INTERNAL WIRING TO BE PROVIDED AND INSTALLED BY CUSTOMER EXCEPT THE A.C.

LEGEND DISTRIBUTION LINIT 5A LIGHTING SWITCH WITH PILOT LIGHT 5A, 2-WAY LIGHTING SWITCH WITH PILOT LIGHT D.P. EXHAUST FAN SWITCH WITH PILOT LIGHT 13A 3 PIN SOCKET OUTLET 13A FUSED SPUR UNIT C/W D.P. SWITCH EMERGENCY STOP PUSH BUTTON FOR EXHAUST/FRESH/AXIAL FAN FAN CONTROL PANEL 1.2m TWIN LAMPS (TB LED STANDARD TUBE WITH GS OR G13 BI-PIN CAP BASE) TO BE: FIXED ON WALL AT 2.1m ABOVE FLOOR LEVEL 1.2m TWIN LAMPS (TB LED STANDARD TUBE WITH GS OR G13 BI-PIN CAP BASE) TO BE SUSPENDED AT 2.8m FROM FLOOR LEVEL E 1.2m TWIN LAMPS (TB LED STANDARD TUBE WITH G5 OR G13 BI-PIN CAP BASE) TO BE FIXED ON WALL AT 2.1m ABOVE FLOOR LEVEL WITH EMERGENCY LIGHTING UNIT 1.2m TWIN LAMPS (T8 LED STANDARD TUBE WITH G5 OR G13 BI-PIN CAP BASE) TO BE SUSPENDED AT 2.8m FROM FLOOR LEVEL WITH EMERGENCY LIGHTING UNIT

DATE SIGN BORN ABOVE DOOR — ELECTRICITY SUPPLY TO BE CONNECTED TO THE LANDLORD'S ESSENTIAL BOARD WITH STANDBY GENERATOR BACK UP 4.5kg CD.

PYE BOLT

EIE BULT FOR SAFETY HARNESS AT 1700mm FROM FLOOR LEVEL, DETNIAS SEE DIRG. NO. COP-10250-0-E33-0103-37-A EVE BOLT AT HOR LEVEL/CEULAR FOR LETTING FOR PLASTIC CHAIN STORAGE BOX DETAILS SEE DRG. NO. T-COP-10250-0-E33-0103-215.

METALLIC CONDUIT SYSTEM FOR ACCESS CONTROL SHOULD BE PROVIDED FROM ACCESS DOOR TO THE REMOTE TERMINAL UNIT, DETAILS SEE DRG. NO. T-COP-72000-D-E33-0103-23-B-A

DATE SIGN PLANNING AND DESIGN DATE: 16/8/2°24 MATE: 12/8/2024 LIU YING KA DATE : 12-AUG-2024

DRAWING TITLE

PROPOSED LAYOUT OF STANDALONE TRANSFORMER ROOM FOR LUNG KONG ROAD KOWLOON CITY

WS240225

WS/TR/2023-222

SCALE: 1:50 (mm) PROJECT NO. DRAWING No. :

WE REGION POWER SYSTEMS CLP(中電 3 0 AUG 2024 MASTER COPY