NAME OF THE PROJECT: ELECTRICAL DRAWING FOR PROPOSED FUEL RETAIL OUTLET AT RABTENZAMPA, CHUMME, BUMTHANG.

OWNER: STCBL, THIMPHU

PLOT NO.: LCHU-6

LAND LEASE CERTIFICATE NO. BUM-74-6

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gdsbhutan@gmail.com +975 17631322/77845668

OFFICE: FLAT NO 8,GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU:BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN
ELECTRICAL ENGINEER

DRAWING TITLE:

DATE: APRIL 2021

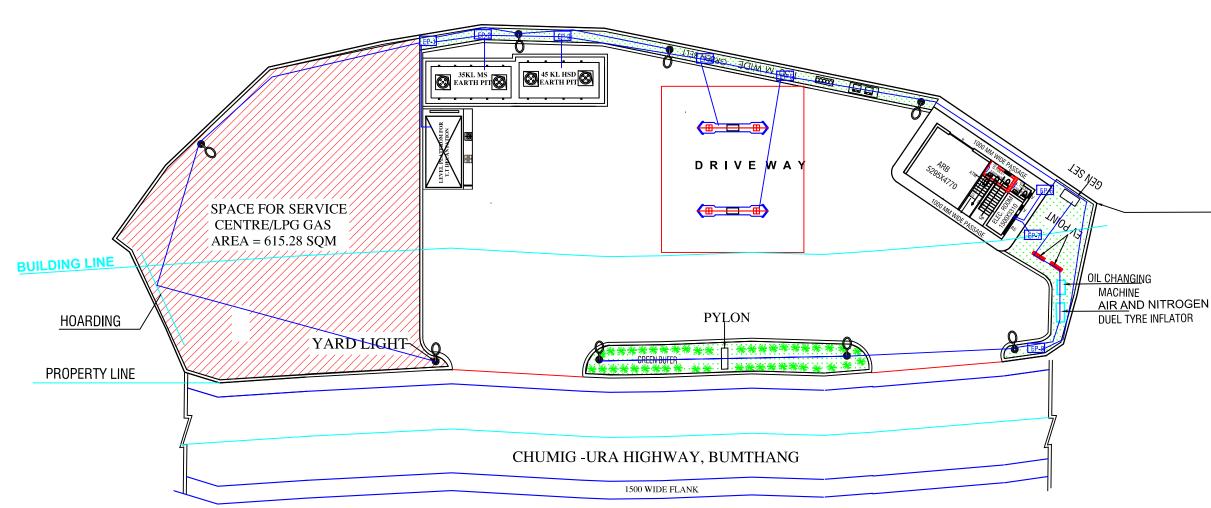
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/00

REVISION SUFFIX NORTH

- ALL DIMENSIONS ARE IN METERS (FEETS) UNLESS SPECIFIED OTHERWISE.
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EARTHING CONNECTION

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OFFICE: FLAT NO 8,GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU:BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET

LOCATION: RABTENZAMPA, CHUMME,

BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6

PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

EARTHING CONNECTION

DATE: APRIL 2021

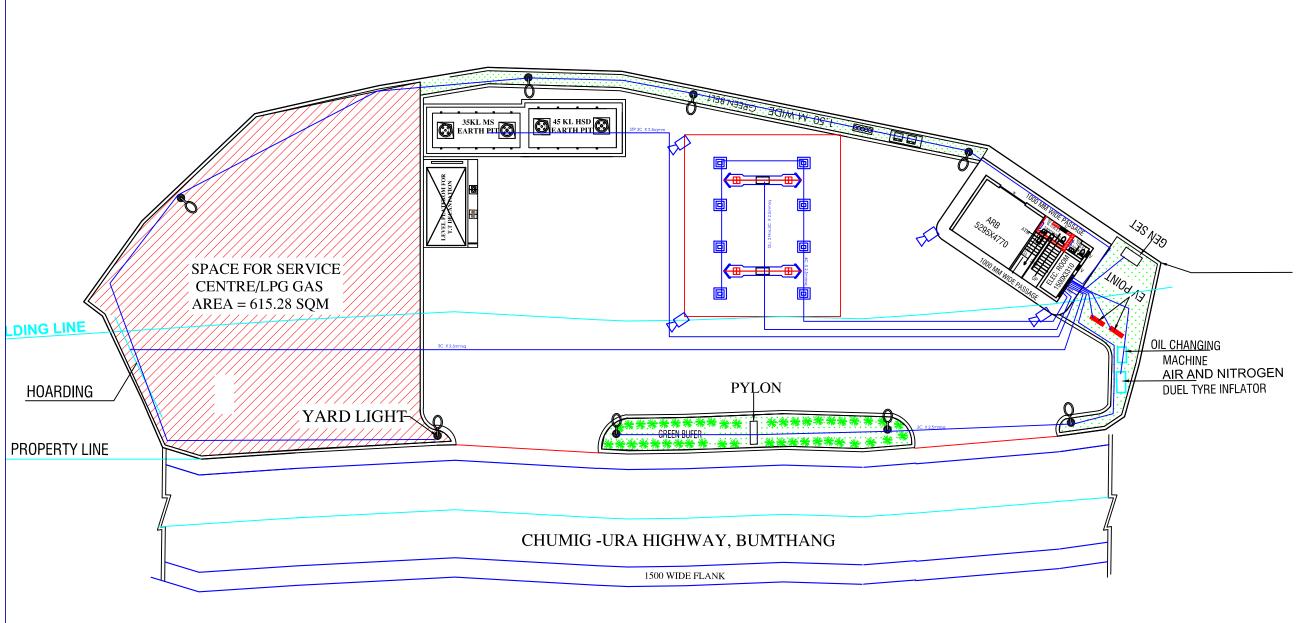
SCALE: NTS

DRAWING : ELECTRICAL

SHEET NO: EL/01

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PIPE AND WIRING CONNECTION

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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME,

OWNER: BUMTHANG
STCBL

PLOT ID: LCHU-6 CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

PIPE AND WIRING CONNECTION

DATE: APRIL 2021

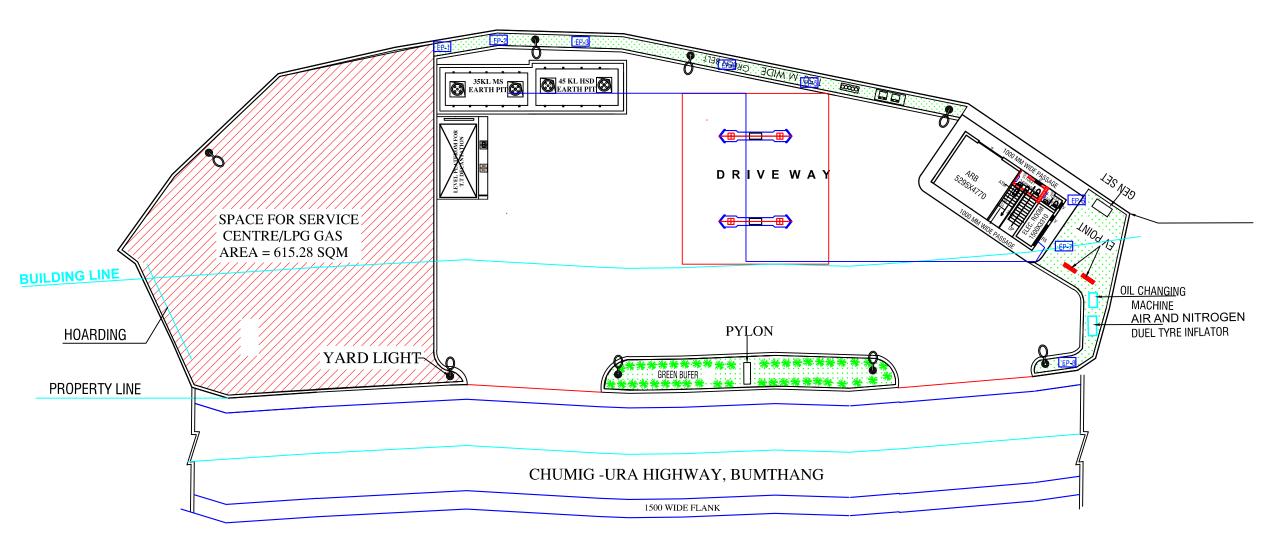
SCALE: NTS

DRAWING : ELECTRICAL

SHEET NO : EL/02

REVISION SUFFIX NORTH

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DU AND STP CONNECTION

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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME,

BUMTHANG OWNER: STCBL

PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

DU AND STP CONNECTION

DATE: APRIL 2021

SCALE: NTS

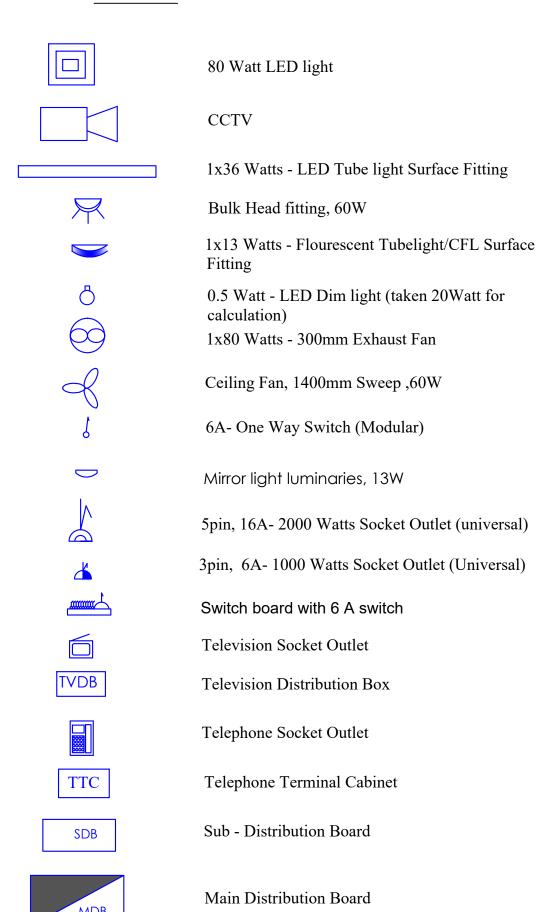
DRAWING : ELECTRICAL

SHEET NO : EL/03

REVISION SUFFIX NORTH

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LEGENDS



SPECIFICATION FOR ELECTRICAL WORKS:

- 1. ALL LIGHT POINT WIRING SHALL BE WITH 1.5 SQ. MM. PVC INSULATED FIRE RESISTANT COPPER CONDUCTOR 1.1 kV GRADE IN RECESSED HDPE PIPE.
- 2. ALL LIGHT CIRCUIT WIRING SHALL BE WITH 2.5 SQ. MM. PVC INSULATED FIRE RESISTANT COPPER CONDUCTOR 1.1 kV GRADE IN RECESSED HDPE PIPE.
- 3. ALL POWER POINT WIRING SHALL BE WITH 4 SQ. MM. PVC INSULATED FIRE RESISTANT COPPER CONDUCTOR 1.1 kV GRADE IN RECESSED HDPE PIPE.
- 4. ALL THE LIGHT SWITCH BOARDS SHALL BE 23CM AWAY FROM DOOR FRAME/EDGE OF WALL AND 1.5M ABOVE THE FINISHED FLOOR LEVEL (FFL).
- 5. ALL POWER POINTS IN THE ROOM SHALL BE AT 30CM FROM FINISHED FLOOR LEVEL AND IN TOILETS AND PANTRY AT 1.5M, FROM FFL.
- 6. ALL THE CONDUIT ACCESSORIES ARE THREADED TYPE ONLY.
- . LAYOUT INDICATES 25MM/32MM DIA. HDPE CONDUIT AS PER THE REQUIREMENT.
- 3. NO PHASE DIFFERENCE IS ALLOWED TO BE DRAWN THROUGH THE SAME CONDUIT.
- 9. POWER POINTS SHALL NOT BE LOOPED.
- 0. ALL WALL FIXTURES SHALL BE AT A HEIGHT OF 2.75 M FROM FINISHED FLOOR LEVEL (FFL).
- 11. ALL SUB DISTRIBUTION SHALL BE IN RECESSED.
- 12. TTC (TELEPHONE TERMINAL CABINET) & TV-DB (TELEVISION DISTRIBUTION BOARD) SHALL BE AT THE GROUND FLOOR.
- 13. MDB (MAIN DISTRIBUTION BOARD) SHALL BE AT THE BASEMENT OR
- 14. SOME ASSUMPTION AND LOADS ARE AS FOLLOWS FOR THE MAIN DISTRIBUTION BOARD.

A. CONNECTED LOADS - 41135 WATT
B. DEMAND LOADS - 32908 WATT
C. POWER FACTOR - 0.85
D. LOAD FACTOR - 0.8
E. VOLTAGE - 415 V

F. CURRENT DRAWN AS PER CONNECTED LOAD - 67.32 A
G. CURRENT DRAWN AS PER DEMAND LOAD - 53.86 A

SPECIFICATION FOR TELEPHONE & TV WORKS:

- 1. TELEPHONE & TV CABLE DUCT SHALL BE WITH 25MM DIA. CONDUIT.
- 2. TELEPHONE AND TELEVISION CABLE DUCT MUST BE AT LEAST $\,$ 0.5M AWAY FROM ELECTRICAL ROUTE.
- 3. TELEPHONE TERMINAL CABINET (TTC) AT 1.5M ABOVE FINISHED FLOOR LEVEL AND SHOULD BE WATER TIGHT AND MOISTURE PROOF.
- 4. TELEPHONE SOCKET OUTLET SHALL BE WITH 2 PIN, RJ-11 AT 25CM ABOVE FINISHED FLOOR LEVEL.
- 5. BRIDGE METHOD SHOULD BE FOLLOWED AT THE CROSSING.
- 6. TELEPHONE AND TV LINES SHALL BE ROUTED THROUGH SEPARATE DUCTS.

TEST RESULTS:

- 1. POLARITY TEST : ALL THE SWITCHES MUST BE ON THE LIVE CONDUCTOR.
- 2. INSULATION TEST: MINIMUM TEST RESULT SHOULD NOT BE LESS THAN 1 MEGA OHM.
- 3. EARTH CONTINUITY TEST: LOW VOLTAGE LAMP TEST SHOULD SATISFY THE WHOLE INSULATION.
- 4. EARTH TEST: TEST RESULTS SHOULD BE WITHIN 5 OHMS.

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PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME,

BUMTHANG
OWNER: STCBL

PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



| DEC | 10 | NIE | n I | DV. |
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MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

LEGENDS AND SPECIFICATIONS

DATE: APRIL 2021

SCALE: NTS

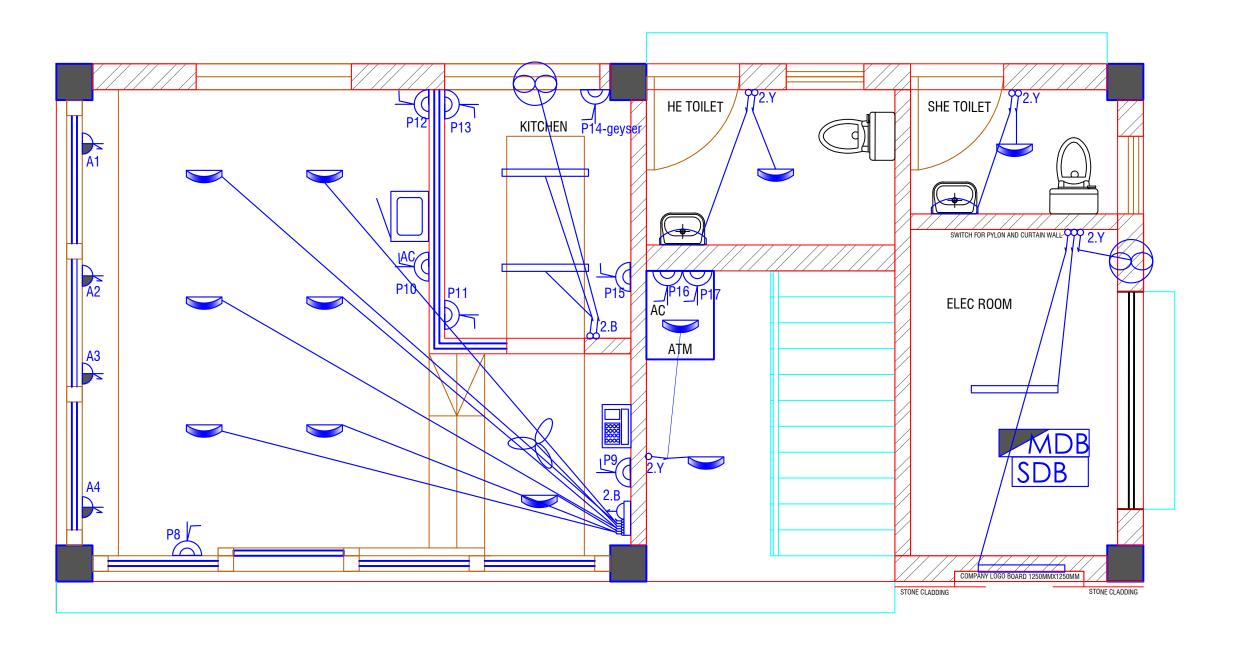
DRAWING : ELECTRICAL

SHEET NO : EL/04

REVISION SUFFIX NORTH

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PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

GROUND FLOOR FITTING AND FIXTURE WITH WIRING LAYOUT PLAN

DATE: APRIL 2021

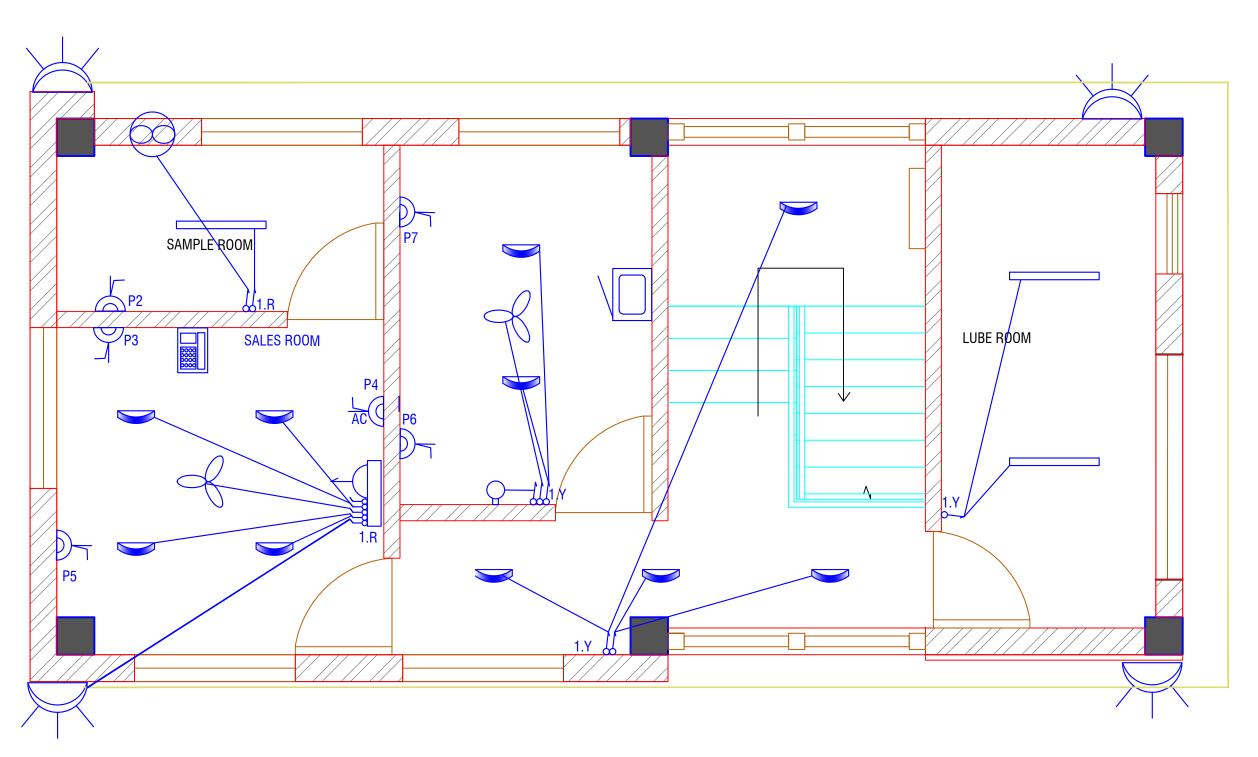
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO : EL/05

| REVISION SUFFIX | NORTH |
|-----------------|-------|
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PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME,

BUMTHANG OWNER: STCBL

PLOT ID: LCHU-6 CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

FIRST FLOOR FITTING AND FIXTURE WITH WIRING LAYOUT PLAN

DATE: APRIL 2021

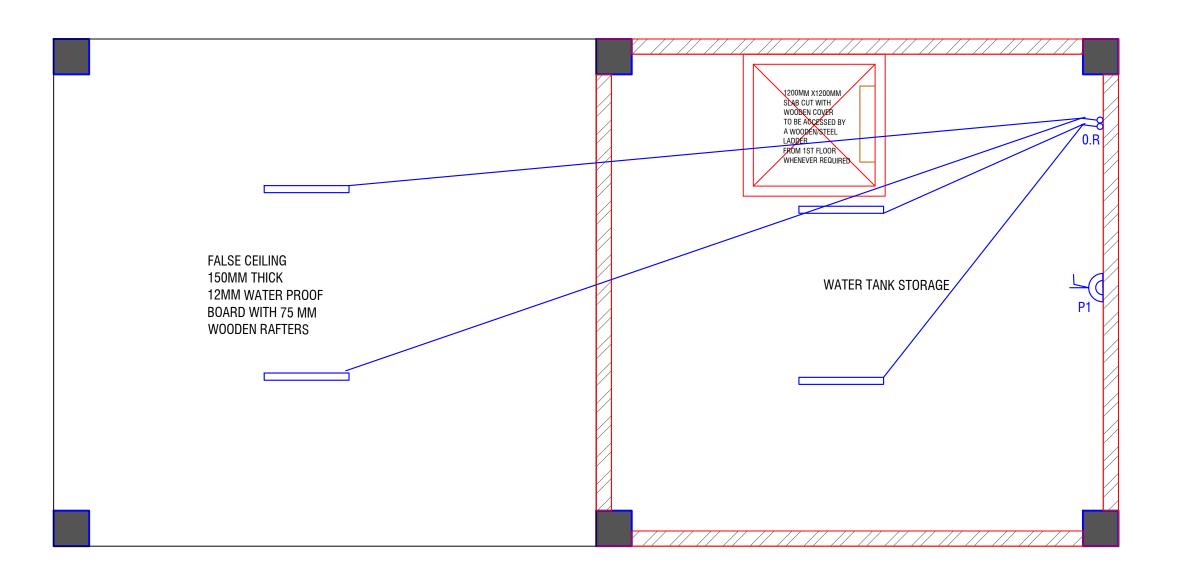
SCALE: NTS

DRAWING : ELECTRICAL

SHEET NO: EL/06

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PROJECT:

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OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

JAMTSHO FLOOR FITTING AND FIXTURE
WITH WIRING LAYOUT PLAN

DATE: APRIL 2021

SCALE: NTS

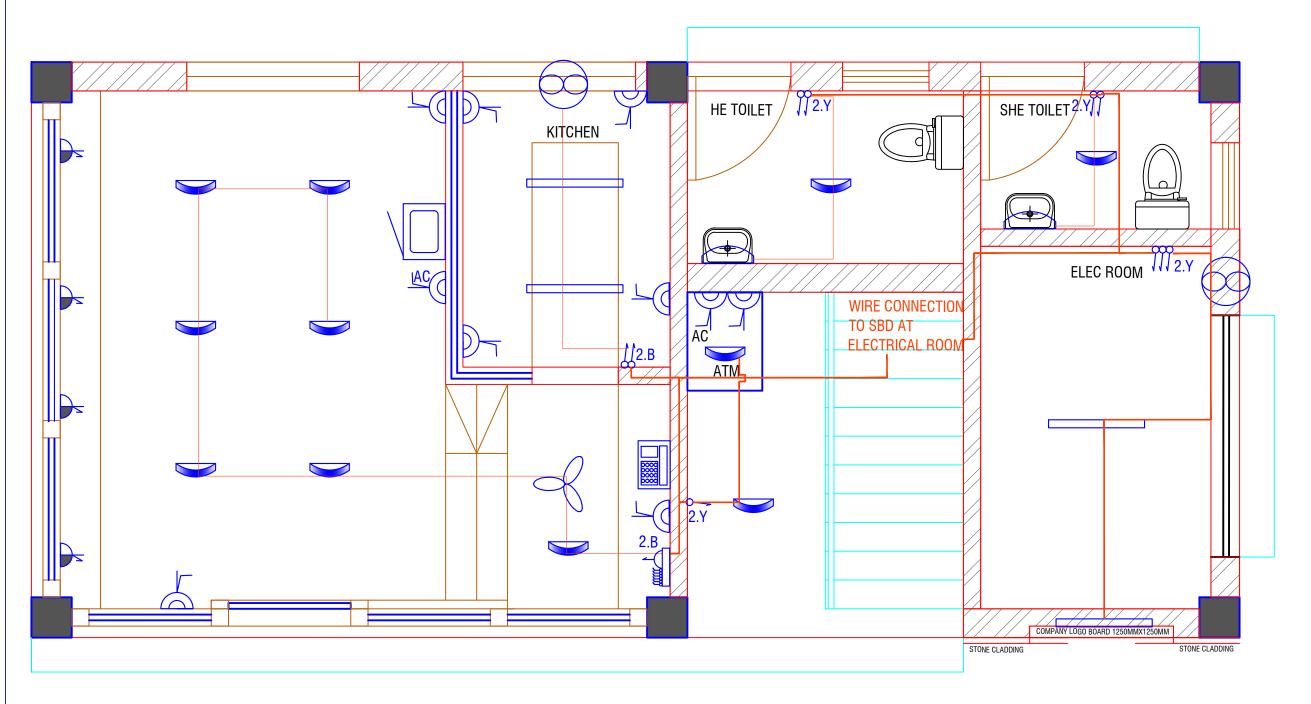
DRAWING : ELECTRICAL

SHEET NO: EL/07

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PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

GROUND FLOOR FITTING AND FIXTURE WITH CONDUIT LAYOUT PLAN

DATE: APRIL 2021

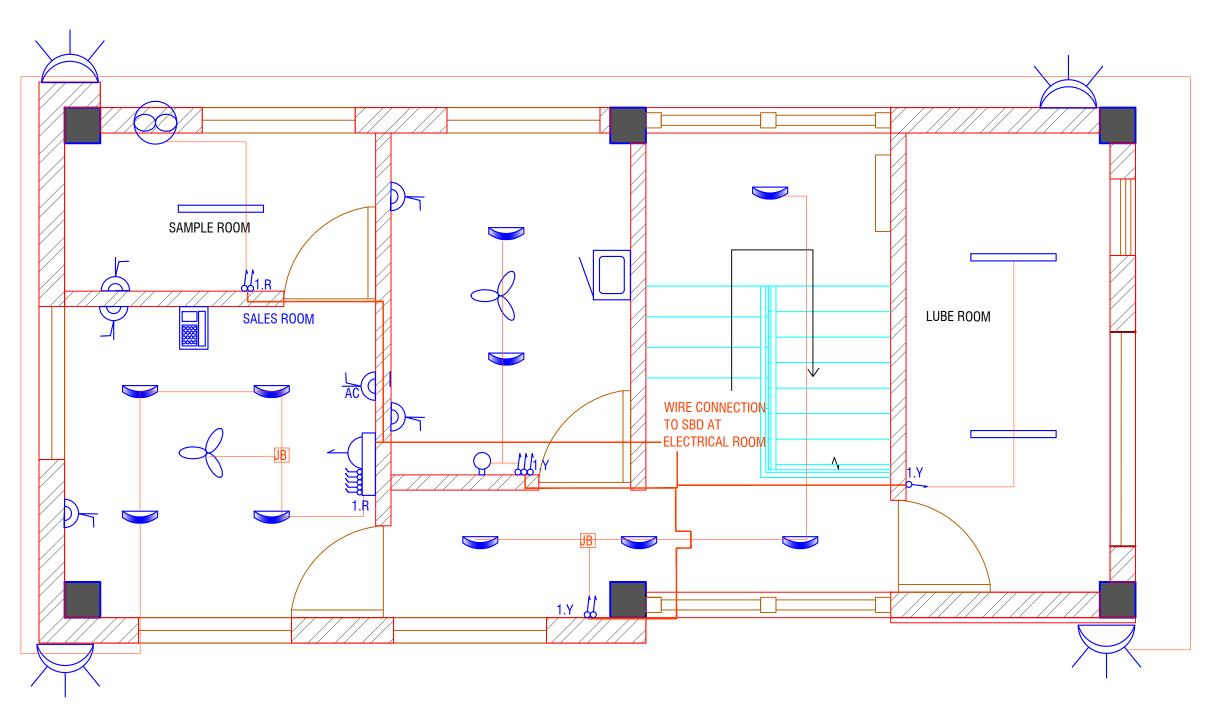
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/08

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OWNER: STCBL
PLOT ID: LCHU-6

CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

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FIRST FLOOR FITTING AND FIXTURE WITH CONDUIT LAYOUT PLAN

DATE: APRIL 2021

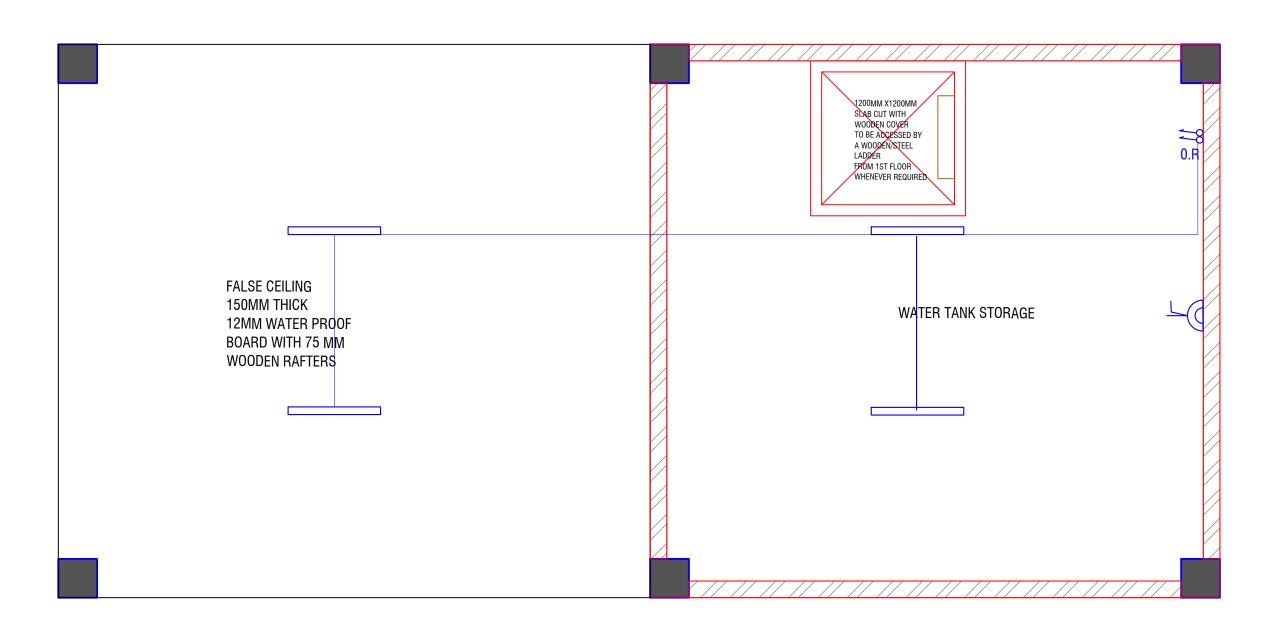
SCALE: NTS

DRAWING : ELECTRICAL

SHEET NO: EL/09

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PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

OWNER: STCBL

PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

JAMTSHO FLOOR FITTING AND FIXTURE WITH CONDUIT LAYOUT PLAN

DATE: APRIL 2021

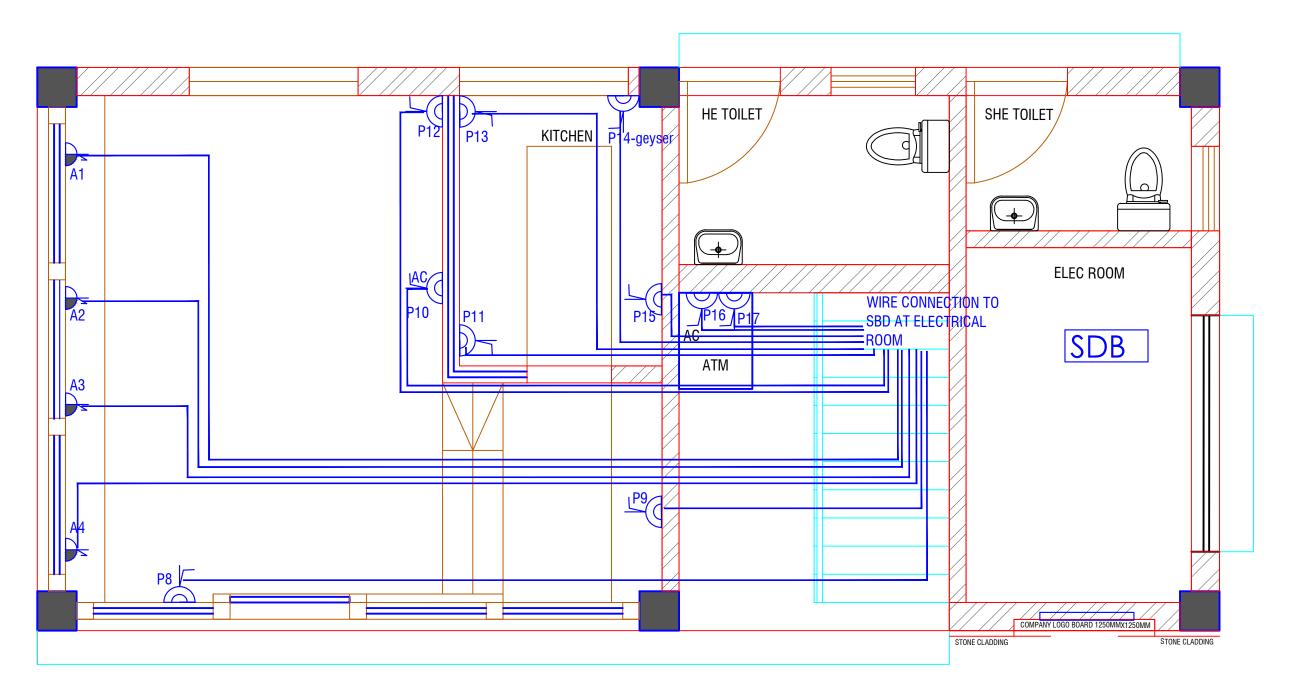
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/10

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Ground Floor power point with conduit layout

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PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

GROUND FLOOR POWER POINT WITH CONDUIT LAYOUT

DATE: APRIL 2021

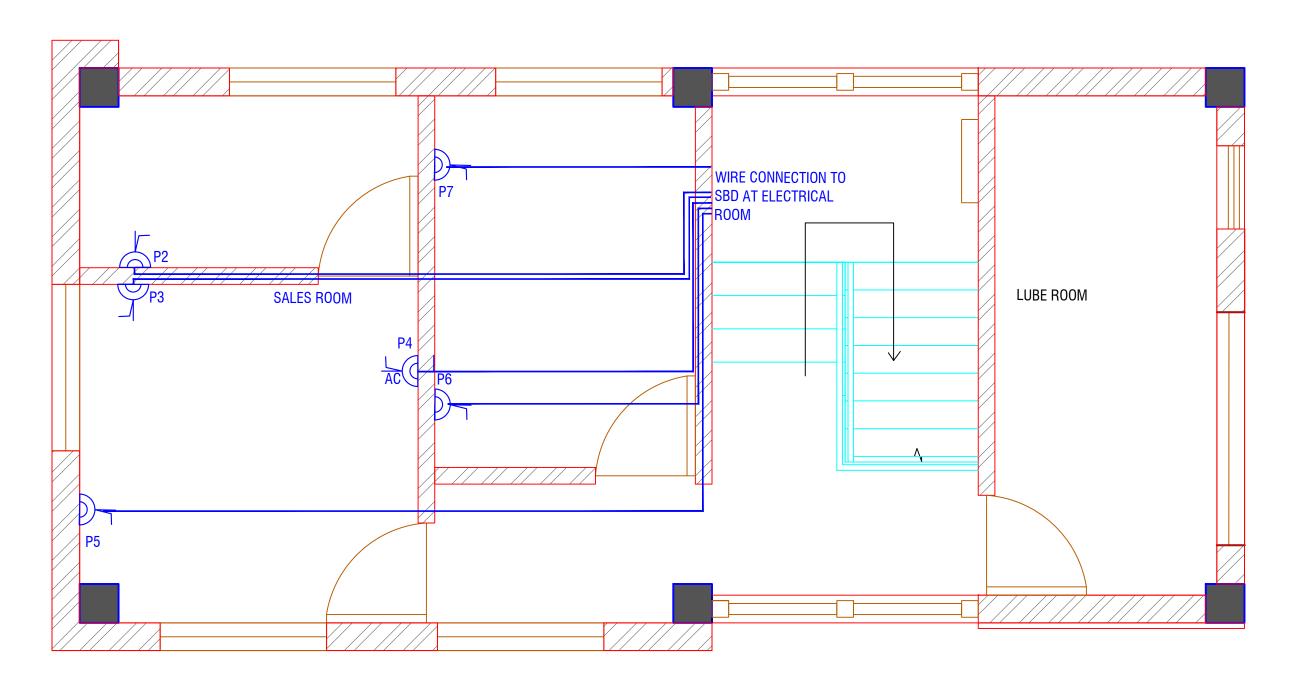
SCALE: NTS

DRAWING : ELECTRICAL

SHEET NO: EL/11

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PLOT ID: LCHU-6
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OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

FIRST FLOOR POWER POINT WITH CONDUIT LAYOUT

DATE: APRIL 2021

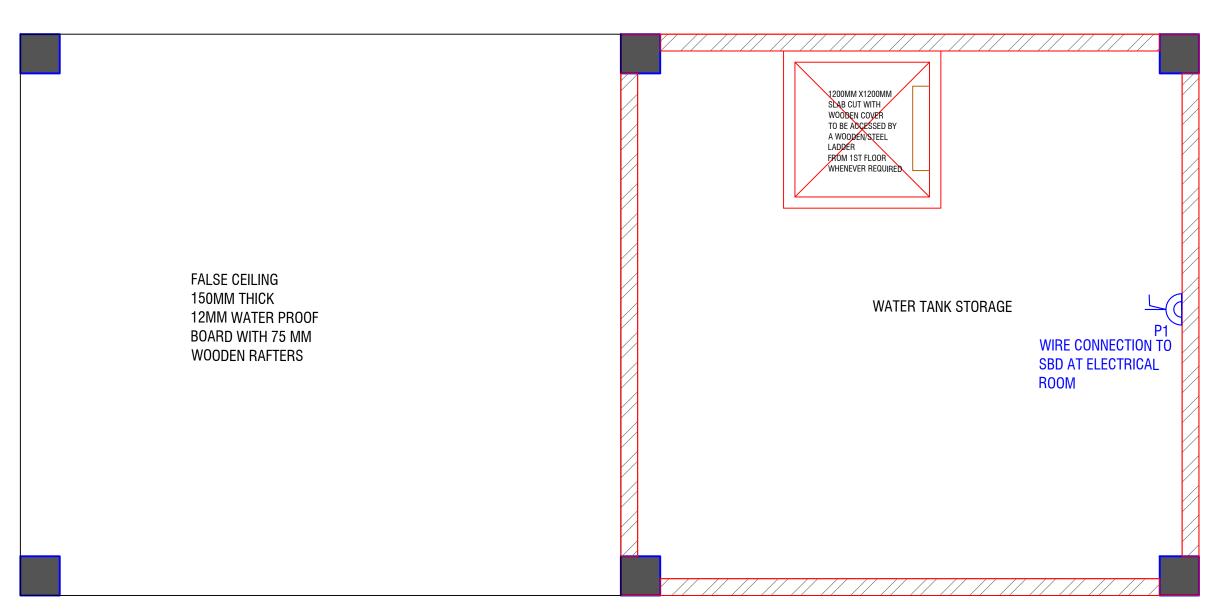
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/12

REVISION SUFFIX NORTH

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TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

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OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

JAMTHOG POWER POINT WITH CONDUIT LAYOUT

DATE: APRIL 2021

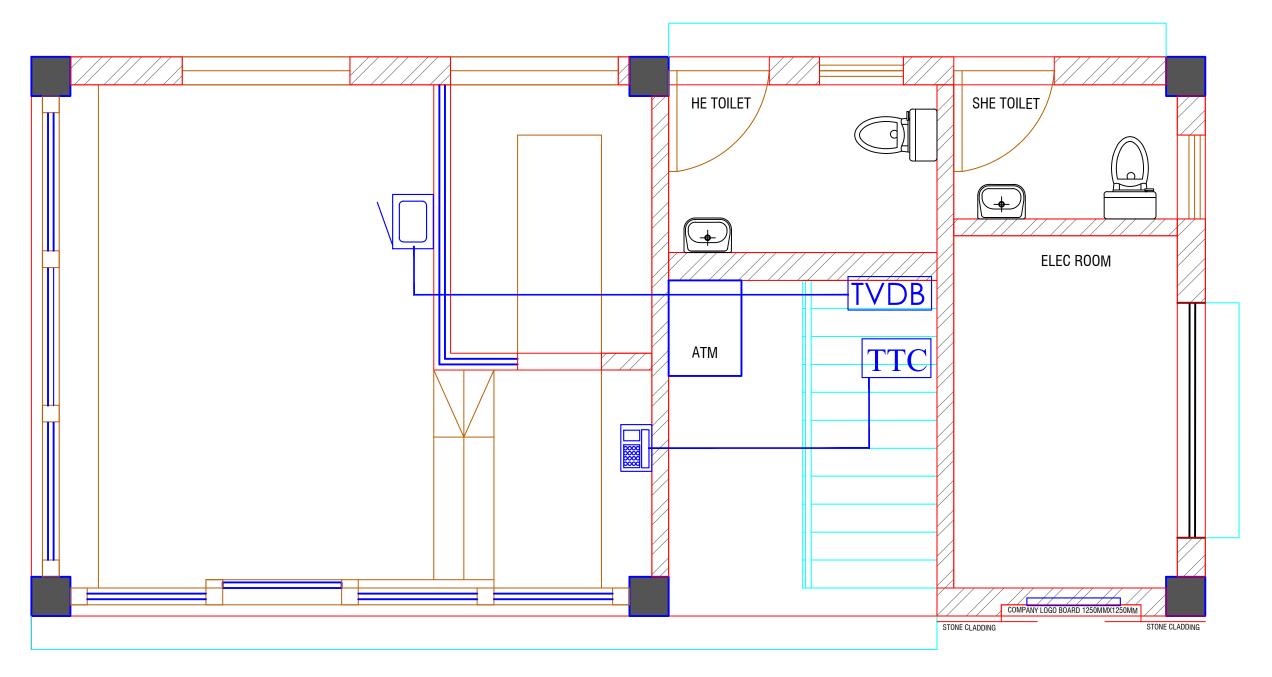
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/13

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Ground Floor TV and Telephone layout

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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU: BHUTAN

PROJECT:

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CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

GROUND FLOOR TV AND TELEPHONE LAYOUT

DATE: APRIL 2021

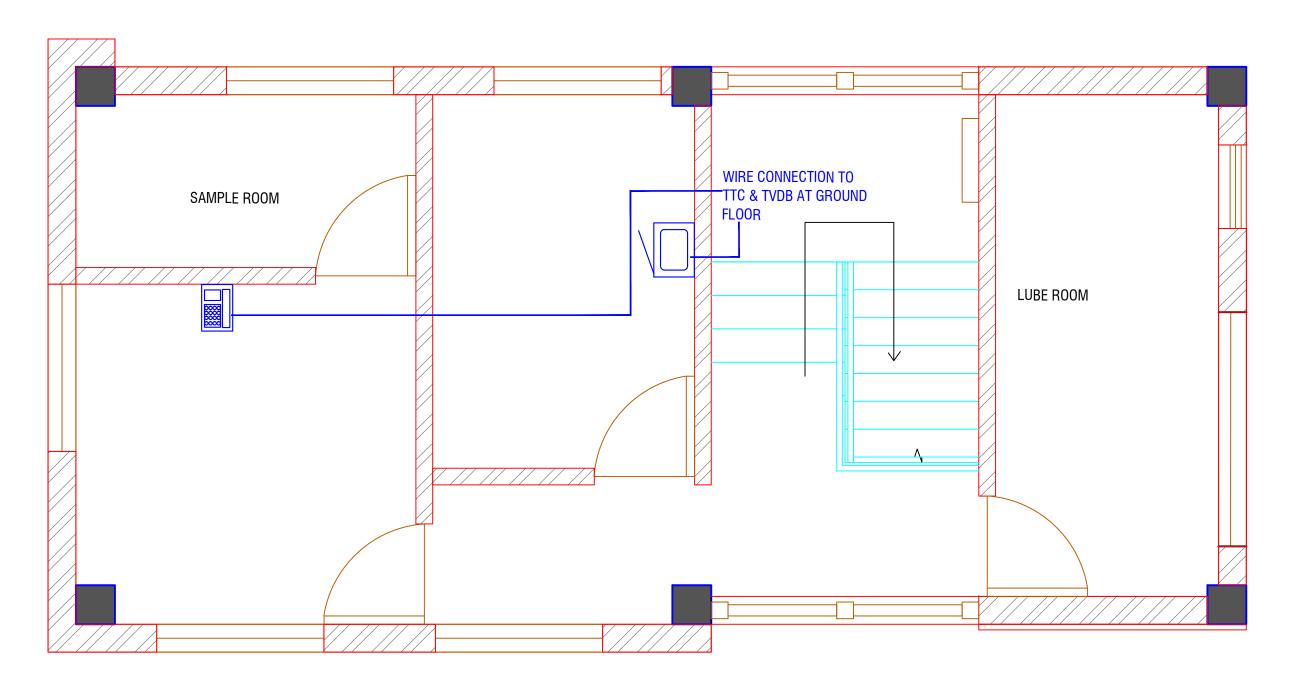
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/14

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First Floor TV and Telephone layout

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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET RABTENZAMPA,

CHUMME,

BUMTHANG STCBL

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

FIRST FLOOR TV AND TELEPHONE LAYOUT

DATE: APRIL 2021

SCALE: NTS

DRAWING : ELECTRICAL

SHEET NO: EL/15

REVISION SUFFIX NORTH

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Load distribution

| Circuit | R-phase | Y-phase | B-phase |
|---------|-----------|---------|---------|
| Ckt-1 | 283 | 1000 | 1000 |
| ckt-2 | 2000 | 1000 | 1000 |
| Ckt-3 | 2000 | 2000 | 2000 |
| Ckt-4 | 1000 | 1000 | 1000 |
| Ckt-5 | 0 | 1000 | 1000 |
| Ckt-6 | 0 | 0 | 0 |
| Total | 5283 | 6000 | 6000 |
| Total | connected | load | 17283 |

| Circuit | R-phase | Y-phase | B-phase |
|----------------------|---------|---------|---------|
| Ckt-1 | 384 | 298 | 330 |
| ckt-2 | 1000 | 1000 | 1000 |
| Ckt-3 | 1000 | 1000 | 1000 |
| Ckt-4 | 1000 | 2000 | 2000 |
| Ckt-5 | 940 | 900 | 2000 |
| Ckt-6 | 2000 | 2000 | 2000 |
| Ckt-7 | 2000 | 0 | 0 |
| Total | 8324 | 7198 | 8330 |
| Total connected load | | | 23852 |

| Total Connected load (Watt) | | |
|---|---------|---------|
| R-phase | Y-phase | B-phase |
| 5283 | 6000 | 6000 |
| Total connected load (watt) | | 17283 |
| Assumed Load factor | | 80% |
| Minimum Pf | | 85% |
| Calculated load current at 80% L.F (Amps) | | 22.6305 |

| Total Connected load (Watt) | | |
|---|---------|----------|
| R-phase | Y-phase | B-phase |
| 8324 | 7198 | 8330 |
| Total connected load (watt) | | 23852 |
| Assumed Load factor | | 80% |
| Minimum Pf | | 85% |
| Calculated load current at 80% L.F (Amps) | | 31.23109 |

Commercial space

Sales building & outside lightning

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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

LOAD DISTRIBUTION

DATE: APRIL 2021

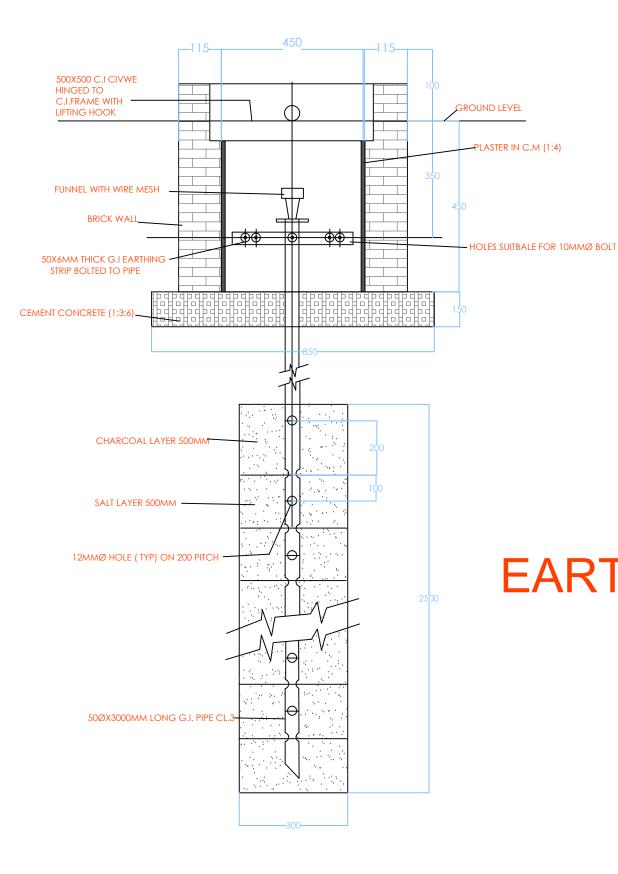
SCALE: NTS

DRAWING : ELECTRICAL

SHEET NO: EL/16

REVISION SUFFIX NORTH

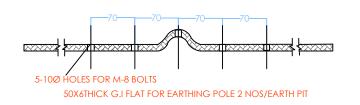
- ALL DIMENSIONS ARE IN METERS (FEETS) UNLESS SPECIFIED OTHERWISE.
- ALL DIMENSIONS MEASURE UNFINISHED SURFACES UNLESS SPECIFIED OTHERWISE.
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- ANY DISCREPANCY IN DRAWING IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT AND THE ENGINEER.



| SL.NO | DESCRIPTION | SIZE | QTY | MAT |
|-------|----------------------------|--------------------|--------|-----|
| 1 | PIPE FOR EARTHING | 50ØX300 LG | 1 | G.I |
| 2 | CHARCOAL | | 100 KG | |
| 3 | ROCK SALT | | 100 KG | |
| 4 | FUNNEL WITH WIRE MESH | 6" Ø MOUTH | 1 | G.I |
| 5 | HEX.BOLT WITH NUT & WASHER | M-8 X 30 LG | 5 | G.I |
| 6 | EARTHING STRIP | 400 X 50 X 6 THICK | 2 | G.I |

THE EARTHING SHALL BE AS PER IS-3043-1987

TO SUIT EARTHING PIPE SIZE



EARTHING DETAILS

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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU:BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

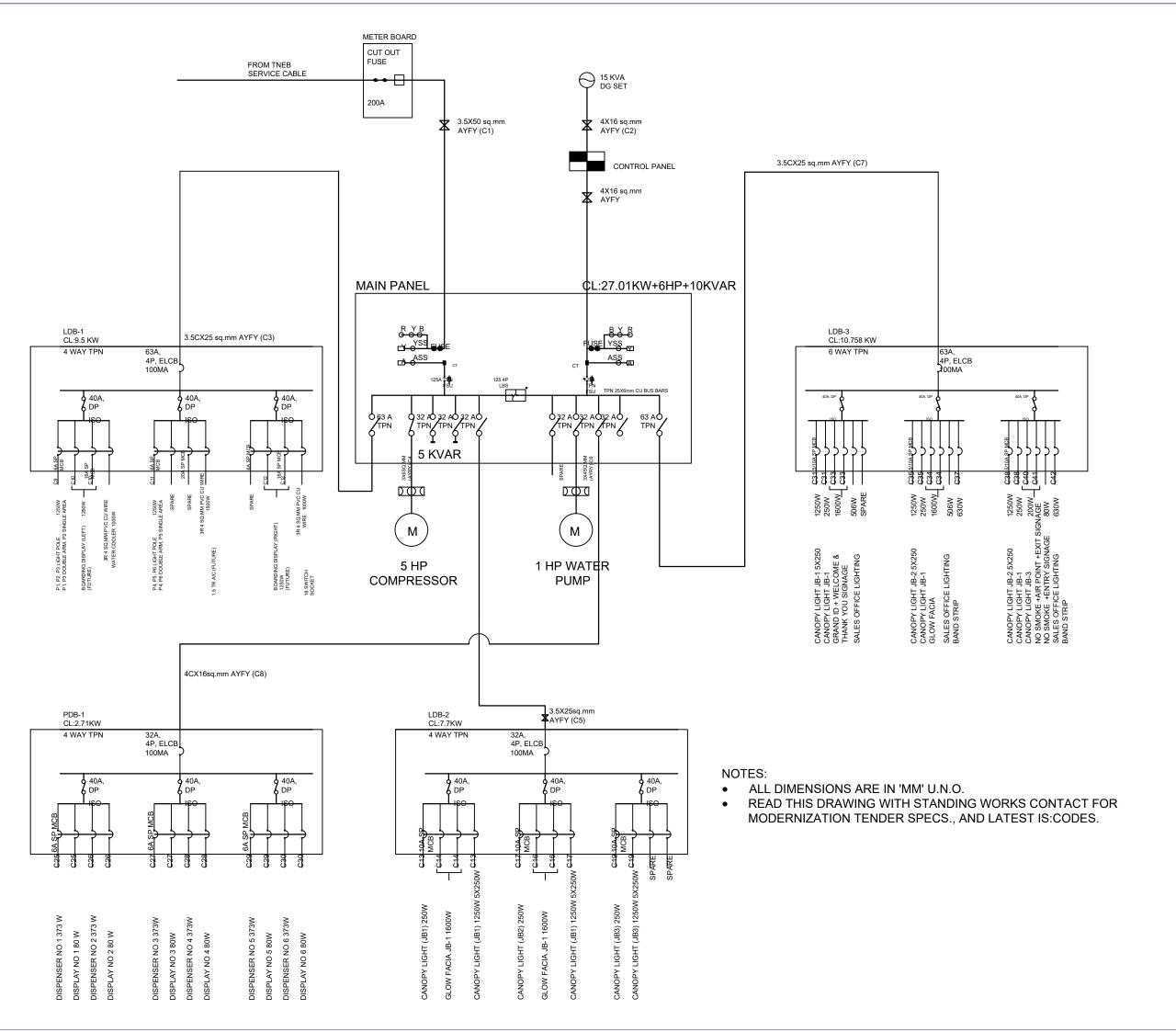
CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



| State Trading Corporation of | Bhutan Ltd. |
|------------------------------|-------------|
| OWNER SIGNATURE | |
| | |
| DESIGNED BY: | |
| MANRUPA PRADHAN | |
| ELECTRICAL ENGINEER | |
| | |
| | |
| DRAWING TITLE | |
| DRAWING TITLE: | |
| STANDARD EARTHING DE | TAILS |
| | |
| DATE: APRIL 2021 | |
| SCALE: NTS | |
| DRAWING : ELECTRICAL | |
| SHEET NO: EL/17 | |
| REVISION SUFFIX | NORTH |
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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET RABTENZAMPA,

CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



| OWNER SIGNATUI | RE |
|----------------|----|
|----------------|----|

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

| DRAWING IIILL | DRA | WINC | TITLE: |
|---------------|-----|------|--------|
|---------------|-----|------|--------|

DATE: APRIL 2021

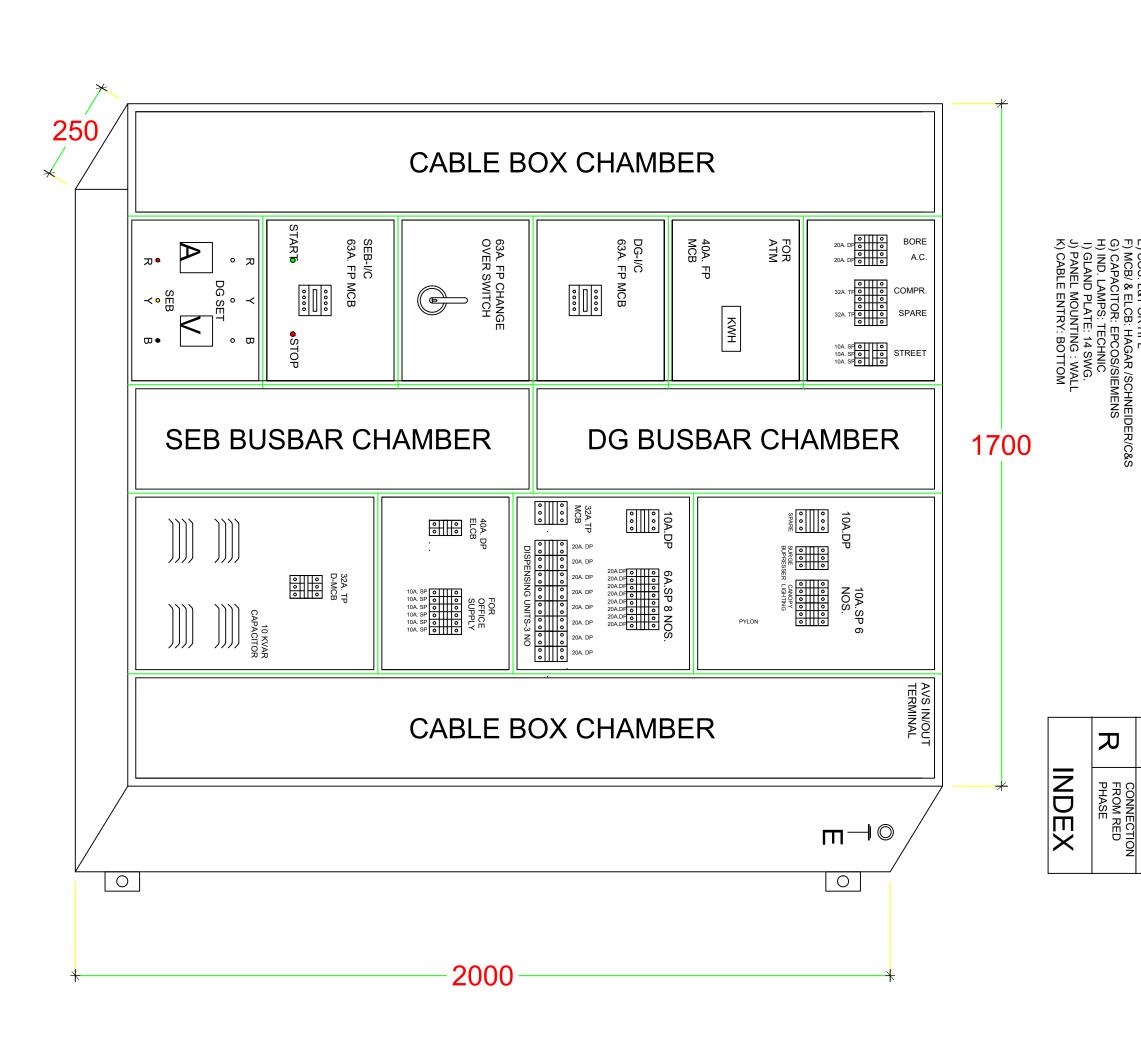
SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/18

| REVISION SUFFIX | NORTH |
|-----------------|-------------|
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OFFICE: FLAT NO 8, GONGDZIN LAM ABOVE 8/11 CONVENIENT STORE NEXT TO THIMPHU THROMDE BUILDING THIMPHU: BHUTAN

PROJECT:

STRUCTION: 16 SWG-CRGA SHEET
T: POWDER COATING SIEMENS GREY
TCHGEAR: L&T/SCHNEIDER/C&S
FIGHT COPPER
FIGHT STREET
FIGHT STR

25KW G

 \triangleright

DRG

 \Box

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CONNECTION FROM YELLOW PHASE TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA, CHUMM

BUMTHANG
OWNER: STCBL
PLOT ID: LCHU-6

CERTIFICATE NO: BUM-74-6



OWNER SIGNATURE

DESIGNED BY:

MANRUPA PRADHAN ELECTRICAL ENGINEER

DRAWING TITLE:

DATE: APRIL 2021

SCALE: NTS

DRAWING: ELECTRICAL

SHEET NO: EL/19

REVISION SUFFIX

GENERAL NOTE:

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NORTH

- ALL DIMENSIONS ARE TO BE READ AND NOT SCALE OFF.

 ANY DISCREPANCY IN EDAMINO IS TO DE-
- ANY DISCREPANCY IN DRAWING IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT AND THE ENGINEER.

| | 15kVA DG Set | | | | | | |
|-------|--|-----------------------|-----------------------|-------------------|-------------------|--|--|
| Brand | | | | | | | |
| De | escription | Units | TMTL | KOEL | Mahindra | | |
| Ge | enset | | | | | | |
| Ge | enset Model | | 15 | KG1-15AS | 15kVA | | |
| Ge | enset Rating | kVA | 15 | 15 | 15 | | |
| Fre | equency | Hz | 50 | 50 | 50 | | |
| Ро | wer Factor | Lagging | 0.8 | 0.8 | 0.8 | | |
| Vo | oltage | Volts | 230(1Ph)/415(3Ph) | 230(1Ph)/415(3Ph) | 230(1Ph)/415(3Ph) | | |
| No | oise Level | dBA | | <75 | 75 | | |
| Eur | Fuel Consumption (Ltrs/Hr) | At 100% Load | 3.82 | 4 | 4.55 | | |
| | | At 75% Load | 2.75 | 3 | 3.2 | | |
| (L) | | At 50% Load | 2 | 2.2 | 2.45 | | |
| Fue | el Tank Capacity | Ltrs | 100 | 65 | 90 | | |
| | ver all Dimensions of enset (LXWXH) | mm | 1950 x 900 x 1250 | 1772X1050X1410 | 1800X900X1300 | | |
| | y Weight of Genset th Canopy(approx.) | Kg | 950 | 950 | | | |
| | ectrical Battery Starting Oltage | Volts-DC | 12 | 12 | 12,88Ah | | |
| En | gine | | | | | | |
| En | gine Model | | 322ES | HA294G1 | 3255GMC2 | | |
| Сс | ooling medium | Air / Water | Air | Air | Water | | |
| Ra | ited Power (Gross) | Hp (kW) | 25.1 (18.5) (*) | 20.5 (15.1) | 25 (18.4) | | |
| En | gine fuel | HSD | Diesel | Diesel | Diesel | | |
| Ası | piration | NA/TC | NA | NA | NA | | |
| Nu | umber of stroke | Nos | 4 | 4 | 4 | | |
| Nu | umber of Cylinders | Nos | 2 | 2 | 3 | | |
| Во | re X Stroke | mm x mm | 100x125 | 100X120 | 88.9X101.6 | | |
| Dis | splacement | CC/Ltrs | 1963 | 1.88 | 1891 | | |
| Co | ompression ratio | | 17:1 | | 19.5:1 | | |
| Ra | ited Speed | Rpm | 1500 | 1500 | 1500 | | |
| Go | overning Class & Type | | A1 | G2 | A1 | | |
| Lul | brication filter | Type / no. Of filters | Spin-on type / Single |) | | | |
| Tot | tal Coolant Capacity | Litres | NA | NA | 11 | | |
| Lul | brication oil | API | 15W 40-CI4 | | CF415W40 | | |
| Fue | el Filter | Type / No of filters | Double bowl / Single | 9 | | | |
| Air | Cleaner type | | Dry | | | | |
| Ser | rvice Interval | | 500/6 | 500/6 | 300 Hr Top UP | | |
| W | arranty | Hrs/Months or yrs. | 5C | 2Yr. | 2 Yrs. | | |

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PROJECT:

TITLE: FUEL RETAIL OUTLET LOCATION: RABTENZAMPA,

CHUMME, BUMTHANG

OWNER: STCBL
PLOT ID: LCHU-6
CERTIFICATE NO: BUM-74-6



| State Trading Corporation of B | hutan Ltd. |
|--------------------------------|-------------|
| OWNER SIGNATURE | |
| | |
| DESIGNED BY: | |
| MANRUPA PRADHAN | |
| ELECTRICAL ENGINEER | |
| | |
| | |
| DRAWING TITLE: | |
| | |
| | |
| DATE: APRIL 2021 | |
| SCALE: NTS | |
| DRAWING: ELECTRICAL | |
| SHEET NO: EL/20 | |
| REVISION SUFFIX | NORTH |
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