

PROPOSED TRANSFORMER HUT
DETAIL DRAWINGS
F.NILANDHOO

JULY 2026



FENAKA
CORPORATION LIMITED
RE-ELECTRIFICATION BY FENAKA
70/70 PEAK LOAD

FENAKA CORPORATION LTD
Seventh floor, Port Complex, Maitland, NSW 2305
Tel: +61(0)3007926, Fax: +61(0)3007926
Email: info@fenaka.com.au
Website: www.fenaka.com.au

PROJECT: TRANSFORMER HALL
LOCATION: F. N. L. AND HOD
APPROVED BY: [Signature]
CHECKED BY: [Signature]
DESIGNED BY: [Signature]

PLANNING & DESIGN
CHECKED BY: [Signature]
DESIGNED BY: [Signature]

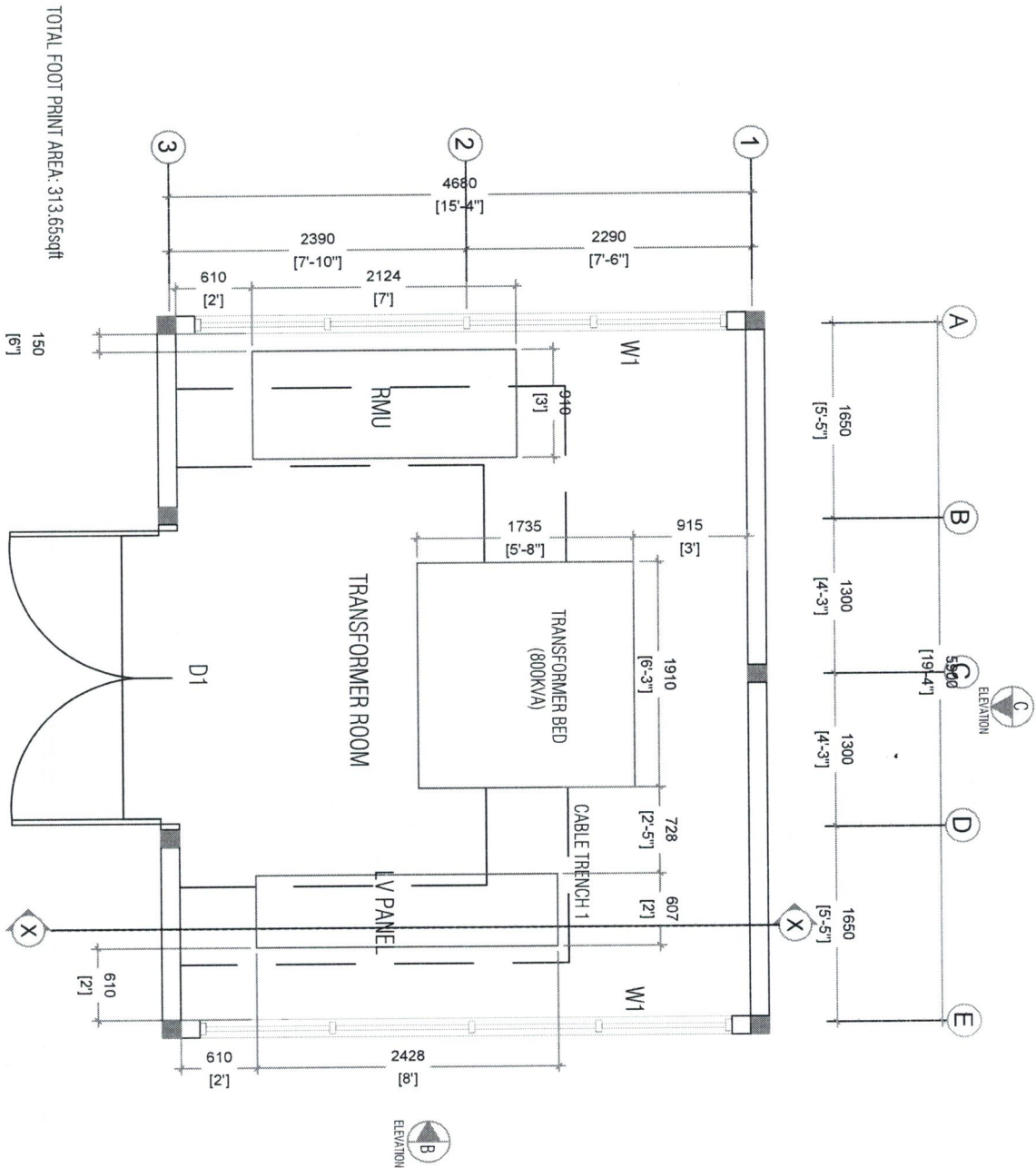
ARCHITECTURAL DESIGN:
PROJECTS DEPARTMENT
ENGINEER:
YADHITA
DRAWN BY:
ALINMAZ

DWG TITLE: AS GIVEN
SCALE: AS GIVEN
DIMENSION: mm
DATE: 19TH AUGUST 2025

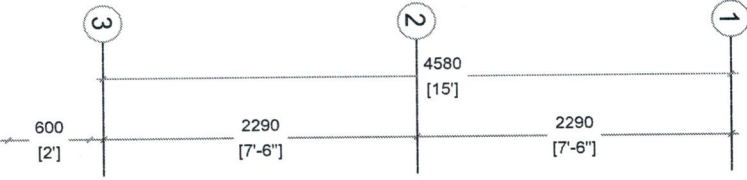
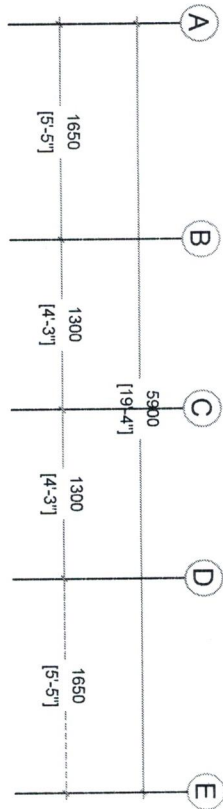
REVISION:

DWG NO.:
PROJECT NO.:

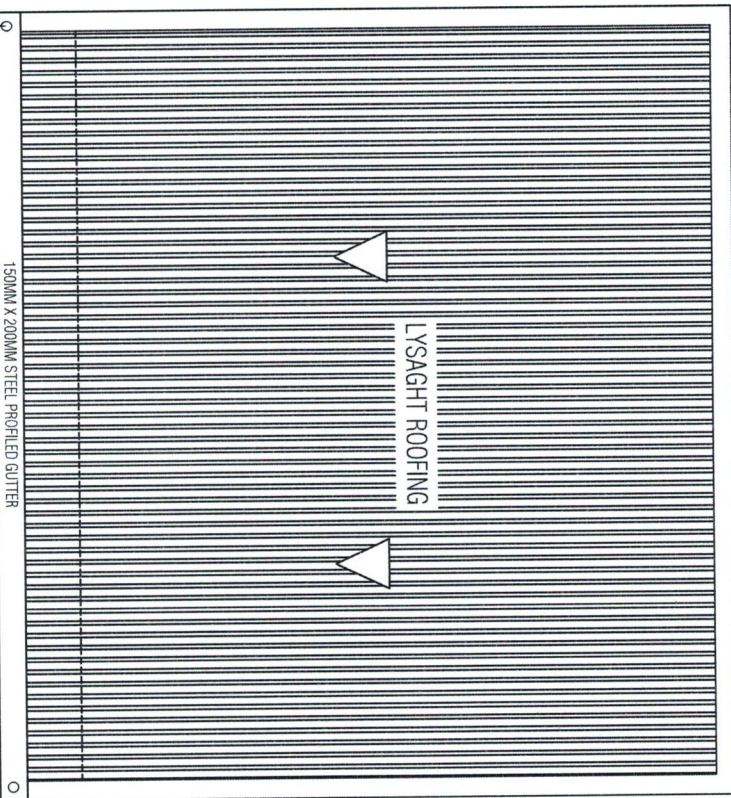
CONTRACTOR MUST CHECK ALL
DIMENSIONS ON SITE BEFORE
STARTING ANY WORK. ON SHOP DRAWINGS
REFER TO OVERALL DIMENSIONS
TO THE DIMENSIONS IN CASE OF
DISCREPANCY.



TRANSFORMER FLOOR LAYOUT (FOR 800KVA STEP DOWN TRANSFORMER)
SCALE - 1:50

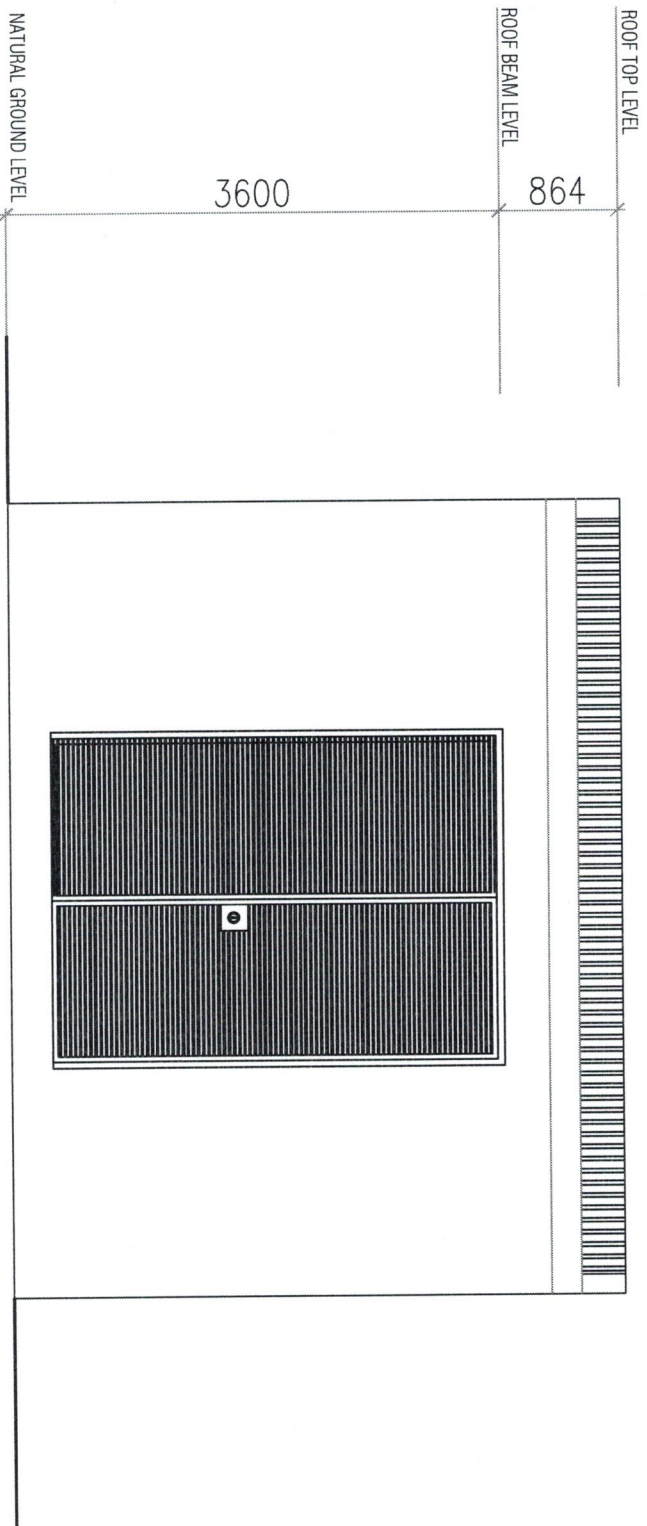


Ø75MM RAIN WATER DOWN PIPE



ROOF PLAN
SCALE - 1:50

PROJECT: TRANSFORMER HUT	
LOCATION: F. NILAMBHO	
APPROVED BY: BREATH ALLEL, CHIEF OPERATING OFFICER	
CHECKED BY: MASHAED MOHAMMAD, POWER DISTRIBUTION DEPARTMENT	
PLANNING & DESIGN	
CHECKED BY: M. SHARIEF	
ARCHITECTURAL DESIGN: PROJECTS DEPARTMENT	
ENGINEER: YADHITYA	
DRAWN BY: ANIRHAZ	
DWG TITLE: AS GIVEN	
SCALE: AS GIVEN	
DIMENSION: mm	
DATE: 19TH AUGUST 2024	
REVISION:	
CONTRACTOR MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. PLEASE ASK.	



PROJECT: _____	
LOCATION: _____	
F. INLAND HOOD _____	

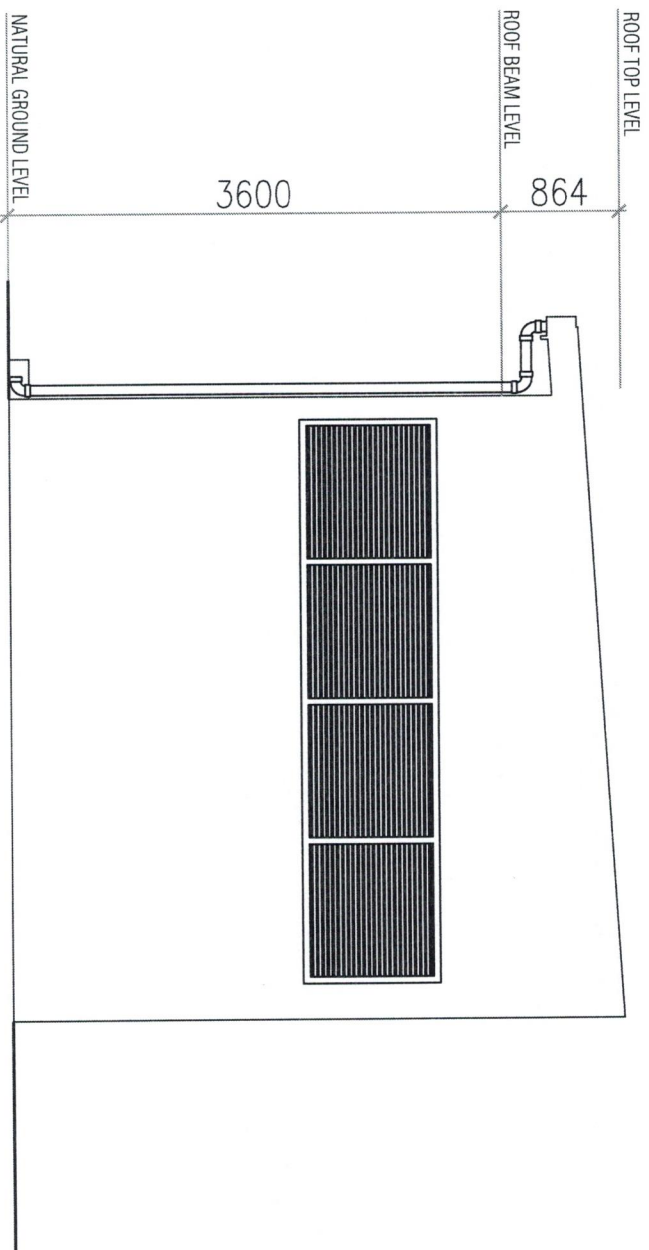
APPROVED BY: _____	
REYHANIL MEEK _____	
CHIEF OPERATING OFFICER _____	
CHECKED BY: _____	
WORKING IN PLAN _____	
PROJECT DISTRIBUTION DEPARTMENT _____	

PLANNING 1 DESIGN	
CHECKED BY: _____	W. SHARDEEP _____
ARCHITECTURAL DESIGN _____	
PROJECTS DEPARTMENT _____	
ENGINEER: _____	YADHITYA _____
DRAWN BY: _____	A. AMHAZ _____

DWG TITLE: _____	AS GIVEN _____
SCALE: _____	AS GIVEN _____
DIMENSION: _____	mm _____
DATE: _____	15TH AUGUST 2025 _____

REASON: _____

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SIGN DIMENSIONS. PRESENCE OF GIVEN SCALE REDUCES DO NOT SCALE DRAWINGS IN CASE DOUBT PLEASE ASK.	
DWG NO. _____	PROJECT NO. • _____



PROJECT:	TRANSFORMER MAT
LOCATION:	F. IMAJHOO
APPROVED BY:	BRIAN M. ALTELL CHIEF OPERATING OFFICER
CHECKED BY:	DAVID E. HANSEN PROJECT ENGINEER/DEPARTMENT
PLANNING & DESIGN	
CHECKED BY:	M. S. SHEEP
ARCHITECTURAL DESIGN:	
PROJECTS DEPARTMENT	
ENGINEER:	
VADHITA	
DRAWN BY:	
AINAHIZ	
DWG TITLE:	AS GIVEN
SCALE:	AS GIVEN
DIMENSION:	mm
DATE:	18TH AUGUST 2005
REVISION:	

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHIP PLACING. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN CONSENT OF THE PROJECT ENGINEER/DEPARTMENT. (COWI) SCALE DIMENSIONS IN CASE DUBB

PLEASE ASK:

DWG NO.:	
PROJECT NO.:	

PROJECT:	TRANSFORMER H/LIT
LOCATION:	F. NILAMPHOO

APPROVED BY:	BEHATH ALI ALEEL CHIEF OPERATING OFFICER
CHECKED BY:	MUSHAEEF PROJECTS DEPARTMENT

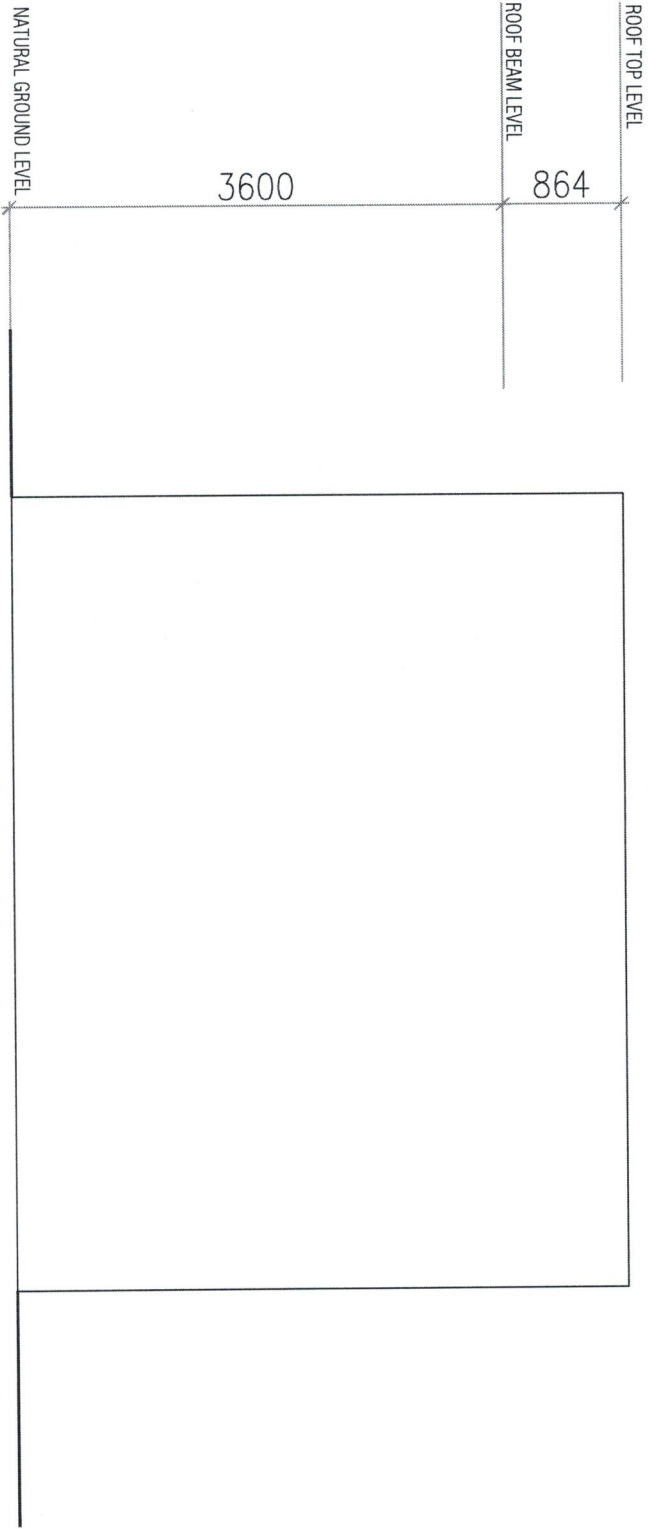
PLANNING & DESIGN	
CHECKED BY:	MUSHAEEF
ARCHITECTURAL DESIGN	
PROJECTS DEPARTMENT	
ENGINEER:	VADHIVA
DRAWN BY:	ZAHRAZ

DWG TITLE:	AS GIVEN
SCALE:	AS GIVEN
DIMENSION:	mm
DATE:	19TH AUGUST 2025

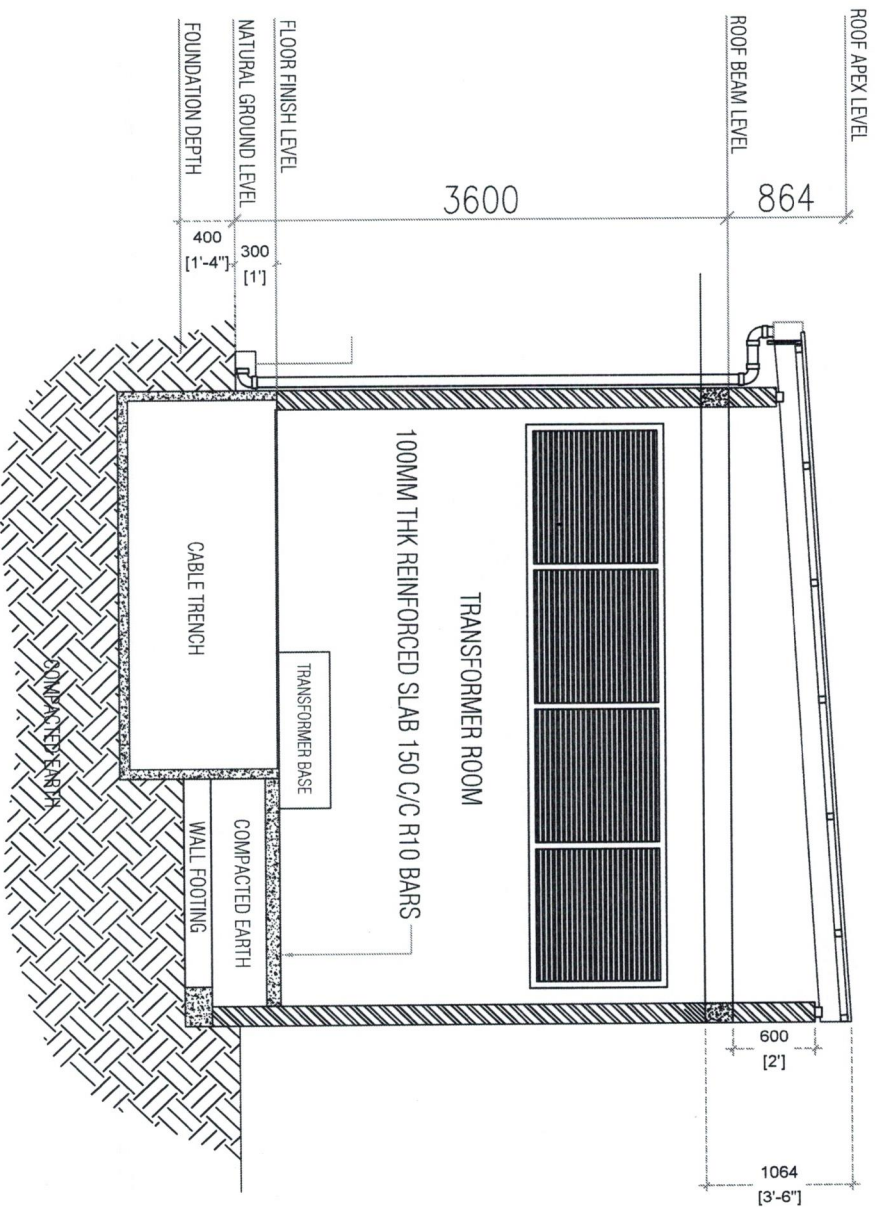
REVISION:

DWG NO.
PROJECT NO.

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. HAZARDOUS DIMENSIONS TO WORKS. PROVIDE DIMENSIONS TO WORKS. DO NOT SCALE DRAWINGS IN CASE OF ANY. PLEASE ASK.



ELEVATION C
SCALE - 1:50



PROJECT: _____ THANIGAIKOTTA HUT	
LOCATION: _____ FILL ANDHOO	
APPROVED BY: _____ BRIJESH K. JALIEL CHIEF OPERATING OFFICER	
CHECKED BY: _____ MOHAMED HADJI FOUNDER, DEPARTMENTAL DEPARTMENT	
PLANNING & DESIGN	
CHECKED BY: _____ M. SHARIEF	
ARCHITECTURAL DESIGN: PROJECTS DEPARTMENT	
ENGINEER: _____ YADHITYA	
DRAWN BY: _____ A. BHARAZ	
DWG TITLE: _____ AS GIVEN	
SCALE: _____ AS GIVEN	
DIMENSION: _____ mm	
DATE: _____ 19TH AUGUST 2025	
REVISION:	
PROJECT NO. - _____	
DRAWING NO. - _____	
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. CHECKED DIMENSIONS SHALL BE PREPARED TO OTHER SCALE. REMINDS DO NOT SCALE DRAWINGS. IN CASE DOUBT PLEASE ASK.	



ELEVATION	1020 [3'-4"] 1020 [3'-4"] 1020 [3'-4"] 1020 [3'-4"] 1825 [6'] FL 1
DOOR / WINDOW	W2
FRAME	• ALUMINUM FRAMED LOUVERED VENTS
OPEN AREA	• 3.64m²
HARDWARE	• 01 NOS. FIXED LOUVERD PANELS
GLAZING	
QUANTITY	• 02
REMARKS	

DOOR WINDOW SCEDULE

SCALE - 1:50



PROJECT: TRANSFORMER HUT
LOCATION: F. NILANPHO

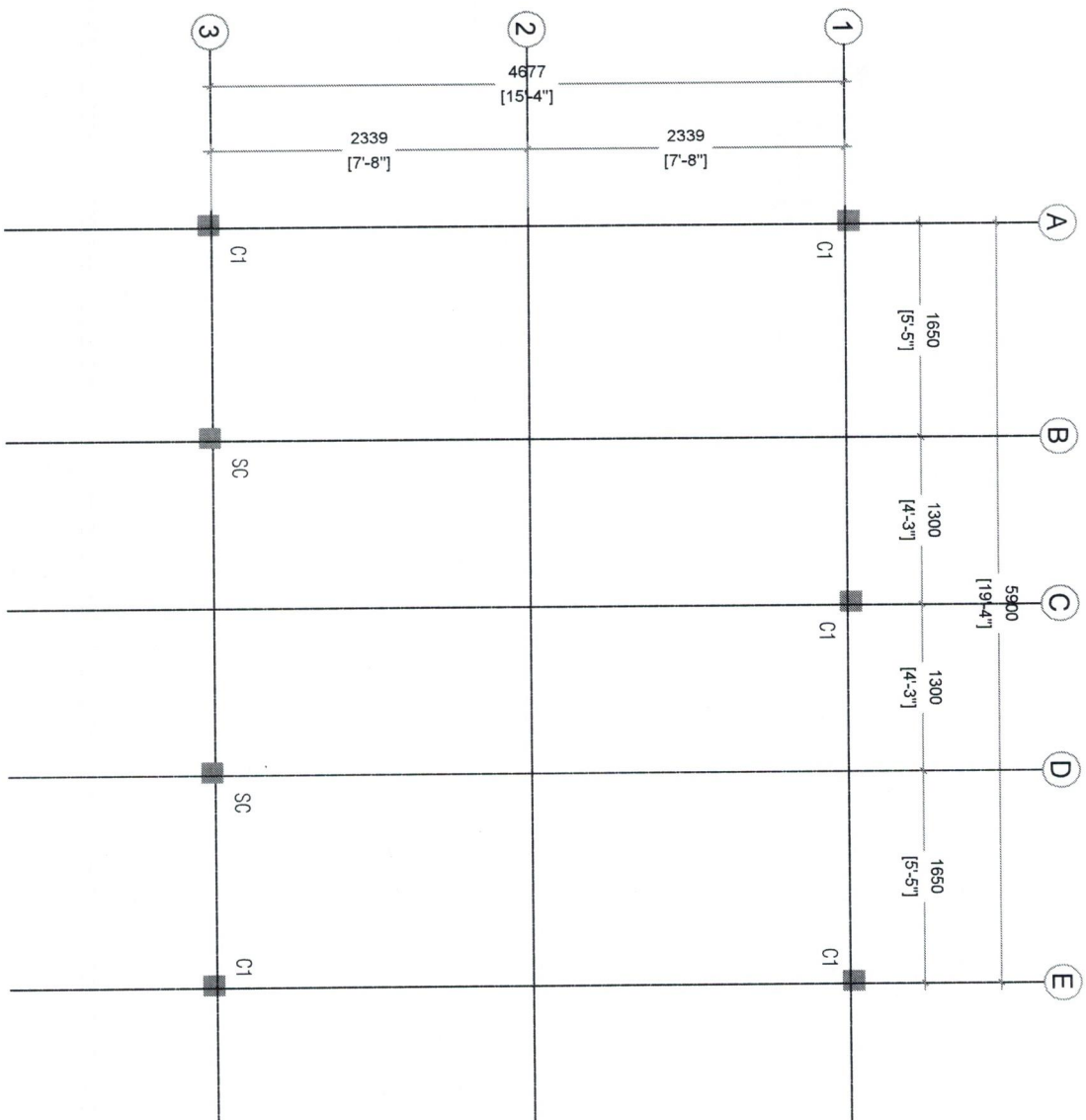
APPROVED BY: RIHATHI ALI ALLEI
CHECKED BY: CHIEF OPERATING OFFICER
DESIGNED BY: NIKHIL K. S. S.
POWER DISTRIBUTION DEPARTMENT

PLANNING & DESIGN
CHECKED BY: M. SHARIF
ARCHITECTURAL DESIGN:
PROJECTS DEPARTMENT
ENGINEER:
VADHITYA
DRAWN BY: A. BHASKAR

DWG TITLE: AS GIVEN
SCALE: AS GIVEN
DIMENSION: mm
DATE: 15TH AUGUST 2025

REVISION:
DWG NO.:
PROJECT NO.:

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. REVISIONS MUST BE APPROVED BY THE PROJECT ENGINEER. DO NOT SCALE DRAWINGS. IN CASE OF ANY DOUBT, PLEASE ASK.

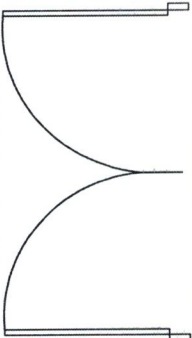
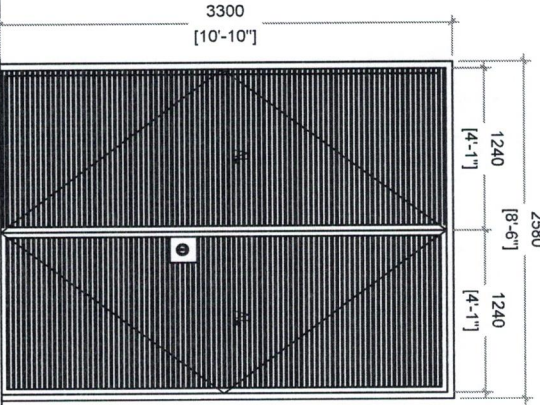


PROJECT: TRANSPORTER HUT LOCATION: F. INLANDO	APPROVED BY: REYNALDA LEE CHIEF OPERATING OFFICER CHECKED BY: MICHAEL RICH POWER DISTRIBUTION DEPARTMENT	PLANNING & DESIGN CHECKED BY: M. J. HARRIS ARCHITECTURAL DESIGN: PROJECTS DEPARTMENT ENGINEER: YASUFUJI DRAWN BY: A. HAWAZ	DWG TITLE: AS GIVEN SCALE: AS GIVEN DIMENSION: mm DATE: 19TH AUGUST 2005	REVISION:
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CONTRACTOR MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.

FOR PRELIMINARY USE ONLY - NOT FOR CONSTRUCTION PURPOSES. PREVIEW ONLY - NOT FOR CONSTRUCTION PURPOSES.

DO NOT SCALE DRAWINGS. IN CASE OF DISCREPANCY, REFER TO THE ORIGINAL DRAWING SET.

PLAN	
ELEVATION	
DOOR / WINDOW	D1
FRAME	• ALUMINUM FRAMED SWING DOOR PANEL WITH LOUVERED VENTS
OPEN AREA	• 8.06m²
HARDWARE	• 02 NOS. ALUMINUM & SWING DOOR PANEL WITH LOUVERED VENTS • 01 NOS. HEAVY DUTY LOCK
GLAZING	• 6 MM THICK REFLECTIVE, TEMPERED GLASS
QUANTITY	• 01
REMARKS	

DOOR WINDOW SCHEDULE

SCALE - 1:50



PENAKA CORPORATION LIMITED
RE-ELECTRICITY PROJECT, PENAKA
TOWN, PENANG
REDAK CORPORATION LTD
No. 7, Telok Ayer St., 10450, Singapore
Tel: 65 434 2222, Fax: 65 434 2223
Email: info@redak.com.sg

PROJECT: TRANSFORMER HUT
LOCATION: F. NILANDHOD

APPROVED BY: INFIATY ALI ALEED
CHIEF OPERATING OFFICER
CHECKED BY: MUHAMMAD IRFAN
POWER DISTRIBUTION DEPARTMENT

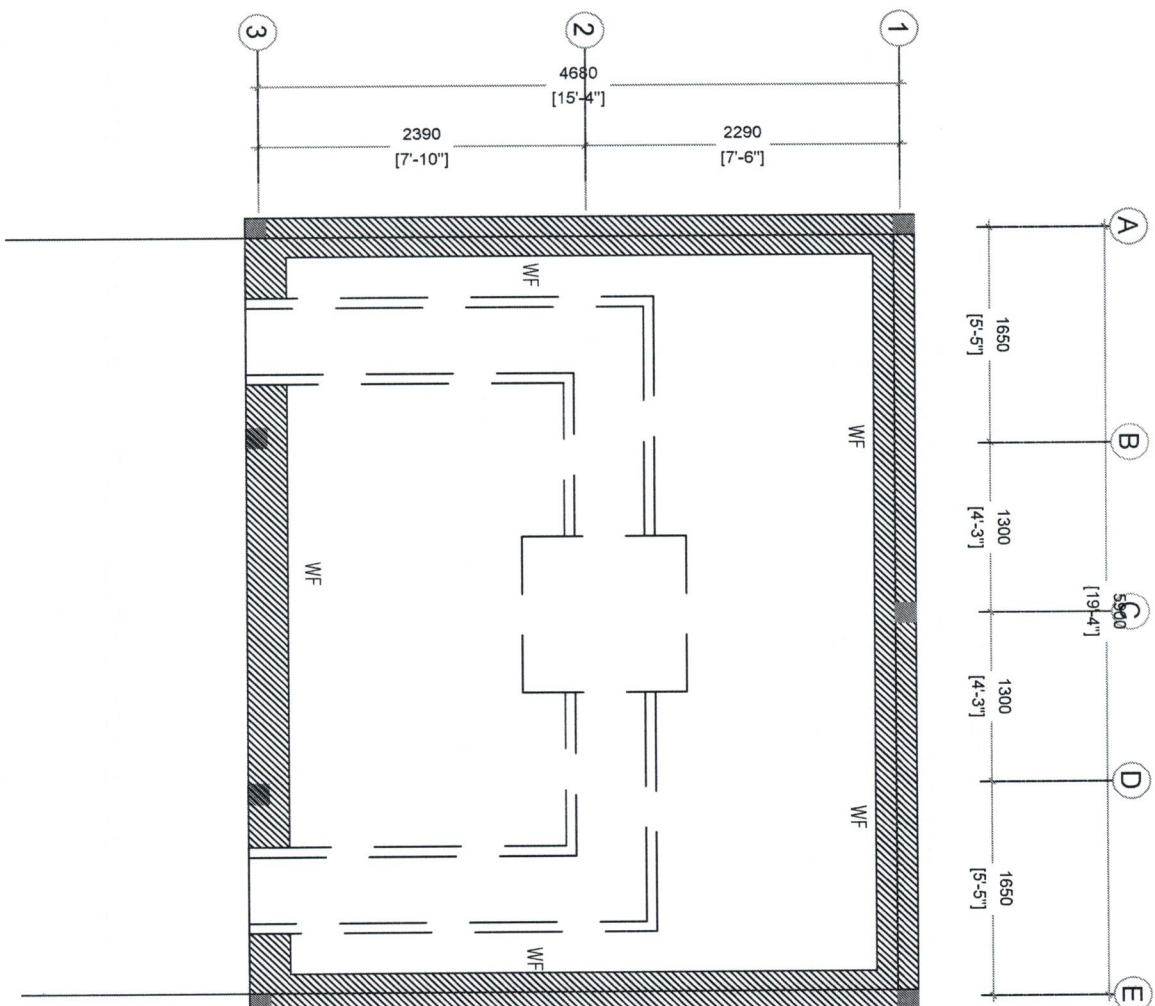
PLANNING & DESIGN
CHECKED BY: M. SHARIEF
ARCHITECTURAL DESIGN: PROJECTS DEPARTMENT
ENGINEER: YADHITYA
DRAWN BY: ALINHAZ

DWG TITLE: AS GIVEN
SCALE: AS GIVEN
DIMENSION: mm
DATE: 19TH AUGUST 2025

REVISION:

DWG NO.: _____
PROJECT NO.: _____

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING WORK. ANY DISCREPANCIES SHOULD BE REPORTED IMMEDIATELY. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE RATINGS. DO NOT SCALE DRAWINGS. IN CASE DOUBT, TALK TO KAM.



FOUNDATION PLAN
SCALE - 1:50

PROJECT: TRANSFORMER HUT
LOCATION: F. MILANDHO

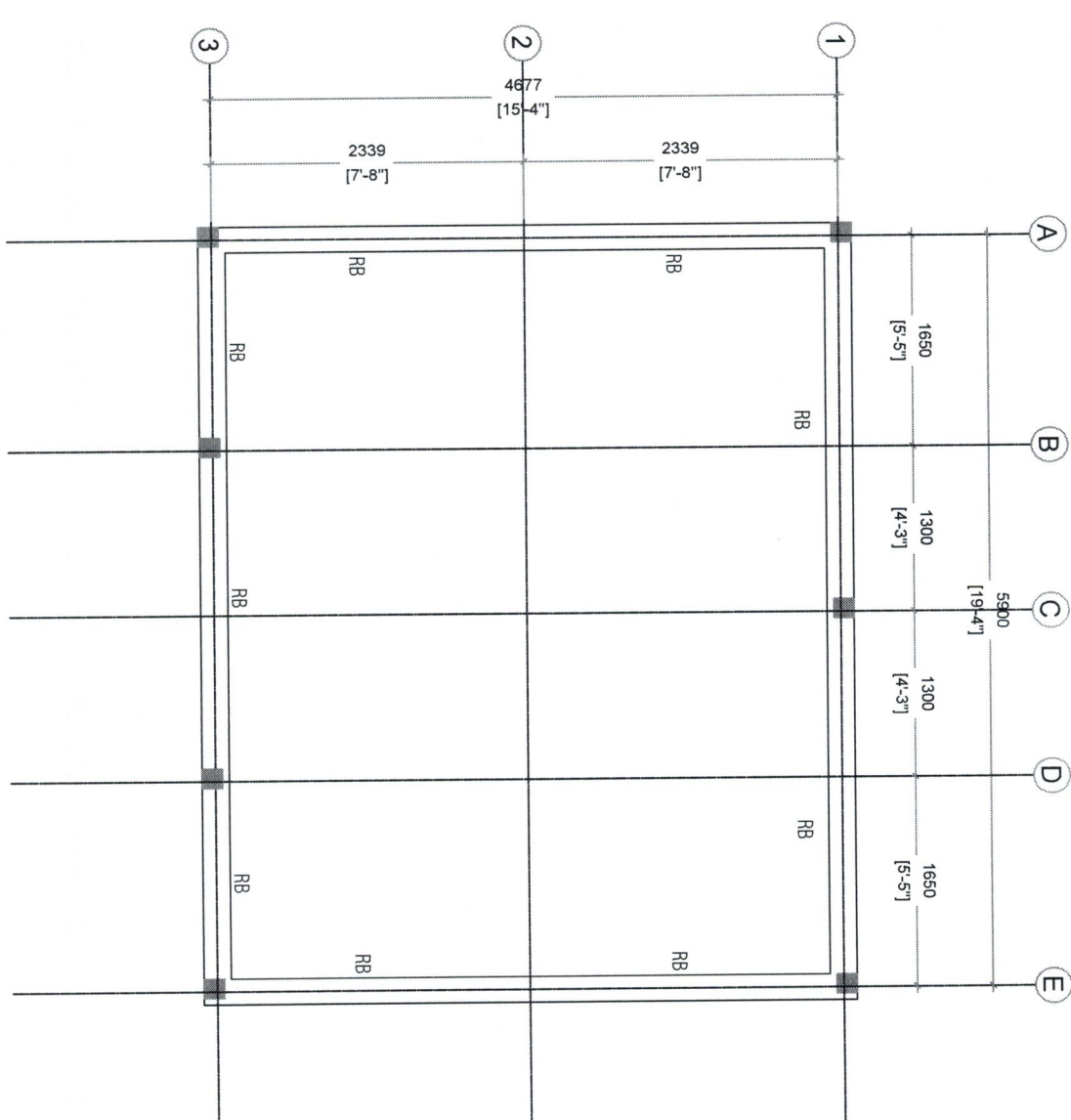
APPROVED BY: BR. PAH AU JALEE
CHIEF OPENING OFFICER
CHECKED BY: MUHAMMAD BILFAL
POWER DISTRIBUTION DEPARTMENT

PLANNING & DESIGN
CHECKED BY: M. SHARIEF
ARCHITECTURAL DESIGN:
PROJECTS DEPARTMENT
ENGINEER:
YACHTYA
DRAWN BY:
A. N. HAZ

DWG TITLE: AS GIVEN
SCALE: AS GIVEN
DIMENSION: mm
DATE: 19TH AUGUST 2025

REVISION

CONTRACTORS MUST CHECK ALL DIMENSIONS ON THE DRAWING. STATIONARY DIMENSIONS AND DIMENSIONS SHOWN IN PARENTHESIS TO TAKE PRECEDENCE OVER SCALE DIMENSIONS. DO NOT SCALE DIMENSIONS IN CASE OF DOUBT. PLEASE USE
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ROOF BEAM PLAN
SCALE - 1:50

PROJECT:	TRANSFORMER HUT
LOCATION:	F. N. L. AND HOOD

APPROVED BY:	BR. AHMAD JALEL CHIEF OPERATING OFFICER
CHECKED BY:	BR. MUHAMMAD FAHMI CHIEF ENGINEER POWER DISTRIBUTION DEPARTMENT

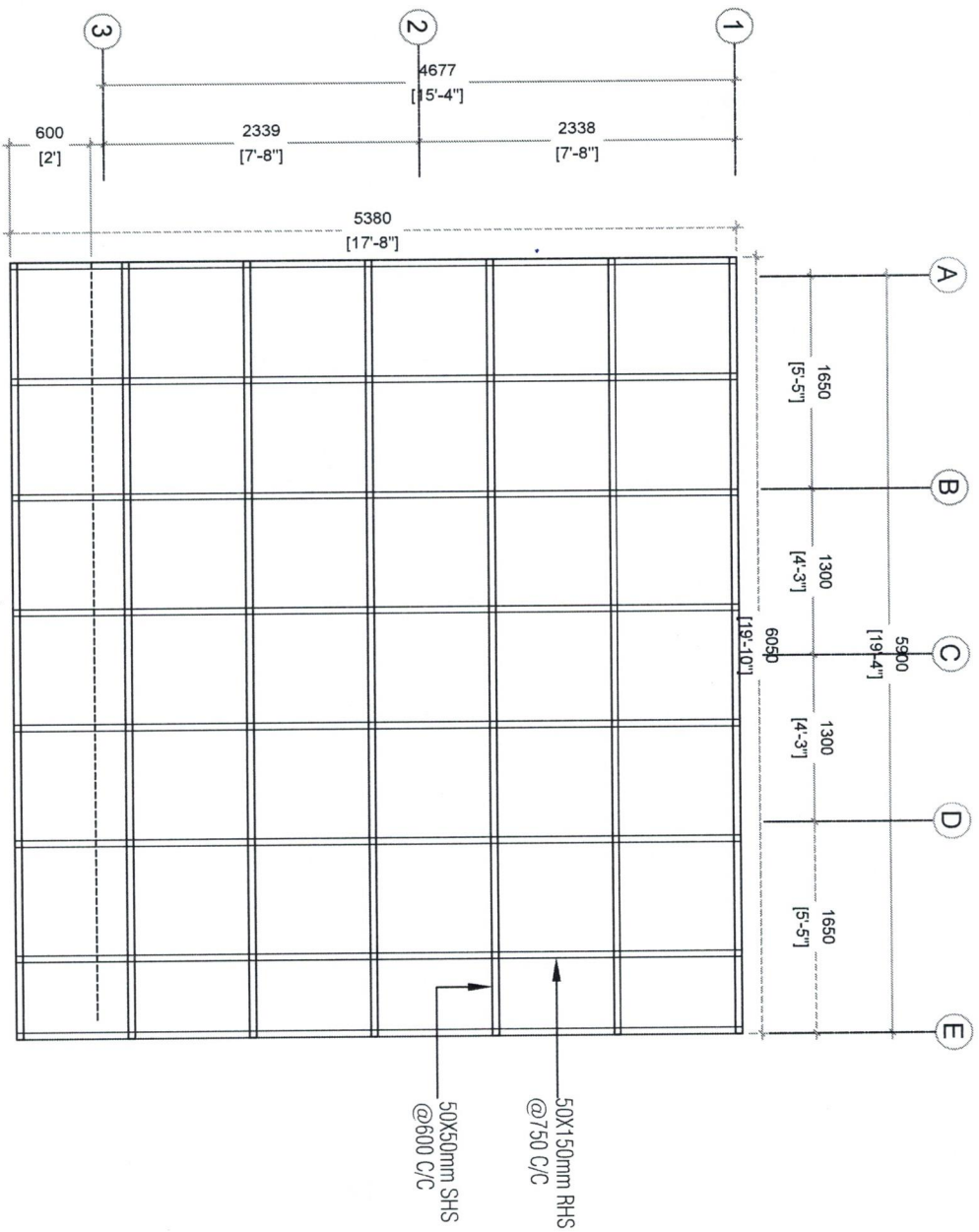
PLANNING & DESIGN	
CHECKED BY:	M. SHARIF
ARCHITECTURAL DESIGN:	
PROJECTS DEPARTMENT	
ENGINEER:	
YADHITA	
DRAWN BY:	
A. M. H. A. Z.	

DWG TITLE:	AS GIVEN
SCALE:	AS GIVEN
DIMENSION:	mm
DATE:	19TH AUGUST 2024

REVISION

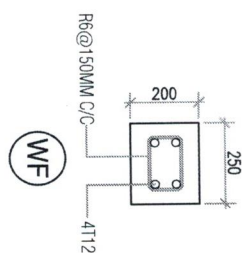
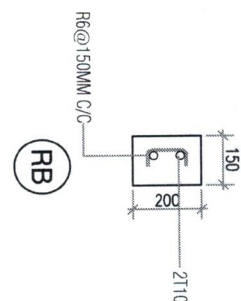
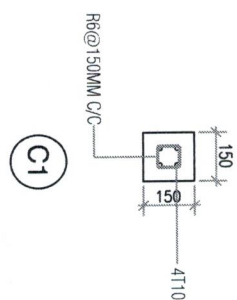
DWG NO.:	
PROJECT NO.:	

CONTRACTORS MUST CHECK ALL
DIMENSIONS ON SITE BEFORE
STARTING ANY WORK. ON SHOP DRAWINGS
FURNISHED DIMENSIONS ARE
PRELIMINARY. DIMENSIONS IN
PARENT SCALE DRAWINGS IN CASE DOUBT.
PLEASE ASK.



ROOF STRUCTURE PLAN

SCALE - 1:50



COLUMN DETAILS

SCALE 1:20

ROOF BEAM DETAILS

SCALE 1:20

SCALE 1:20

WALL FOOTING DETAILS

SCALE 1:20

SCALE 1:20

PROJECT: TRANSFORMER HUT

LOCATION: F. NILANDHO

APPROVED BY: _____
RIFATH AUJEEF,
CHIEF OPERATING OFFICER

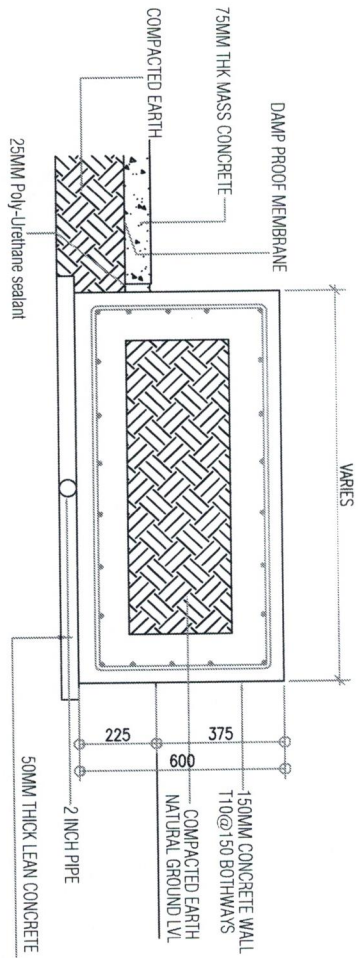
CHECKED BY: _____
MOHAMED REEMAN
POWER DISTRIBUTION DEPARTMENT

PLANNING & DESIGN
CHECKED BY:
M. SHAREEF
ARCHITECTURAL DESIGN:
PROJECTS DEPARTMENT
ENGINEER:
VADHITTA
DRAWN BY:
A. NIHAZ

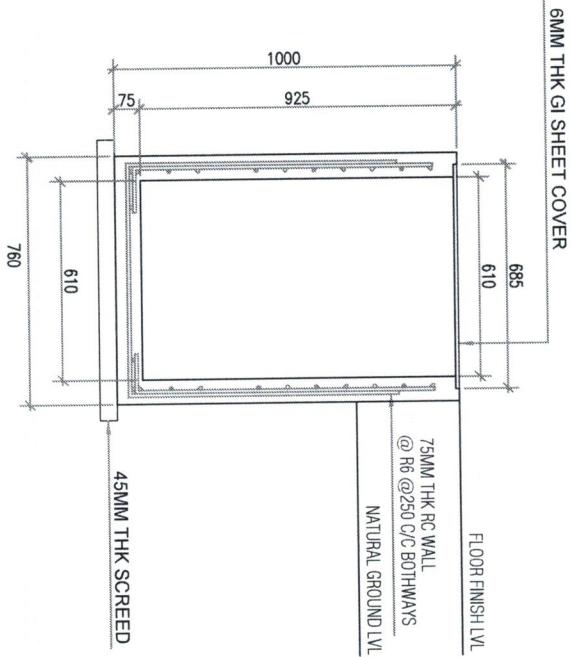
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SCALE:	AS GIVEN
DIMENSION:	mm
DATE:	19TH AUGUST 20

REVISION: _____[illegible]

CONTRACTORS MUST CHECK ALL
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STARTING ANY WORK OR SHIP DRAIN
FIELD DIMENSIONS TO TOLERANCE
PRECEDENCE OVER SCALE READINGS
DO NOT SCALE DRAWINGS IN CASE
PLEASE ASK.



DETAIL- TRANSFORMER BASE



DETAIL-CABLE TRENCH
SCALE - 1:20

NOTE:
CABLE TRENCH, HV & LV PANEL AND TRANSFORMER BASE
WILL BE CONSTRUCTED ONCE THE SIZE IS CONFIRMED

FENAKA
CORPORATION LIMITED
RE-DEVELOPMENT BY FENAKA
70/71 POK, CHAO
SARAKHONG, BANGKOK 10110
Tel: 02-010-123456789
Fax: 02-010-123456789
Email: info@fenaka.com

PROJECT: TRANSFORMER HUT
LOCATION: F. NILANDHOD

APPROVED BY:
CHIEF ENGINEER
CHECKED BY:
CHIEF ENGINEER
POWER DISTRIBUTION DEPARTMENT

PLANNING & DESIGN
CHECKED BY:
M. SHARIF
ARCHITECTURAL DESIGN
PROJECTS DEPARTMENT
ENGINEER:
VADHIVA
DRAWN BY:
A. NHAZ

DWG TITLE: AS GIVEN
SCALE: AS GIVEN
DIMENSION: mm
DATE: 19TH AUGUST 2026

REVISION:

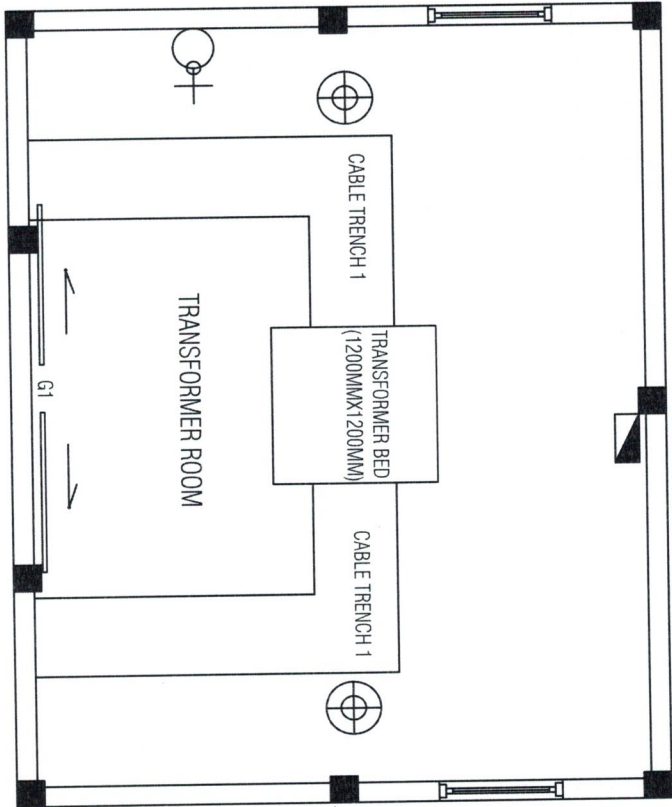
DWG NO.:
PROJECT NO.:
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DIMENSIONS ON SITE BEFORE
STARTING ANY WORK OR SHOP DRAWINGS
PREPARED OVER SCALE DRAWINGS.
DO NOT SCALE DRAWINGS. IN CASE DOUBT
PLEASE ASK.

ELECTRICAL LEGEND

 WALL SOCKET OUTLET (SERVICE 15A)

 BAY LIGHT (AT TOP LEVEL)

 D-BOARD



ELECTRICAL LAYOUT
SCALE - 1:50

FENAKA CORPORATION LIMITED
PREFABRICATED BY FENAKA
701/1 PAKULOK
Sungai Besi Industrial Estate, 46000 Sungai Besi, Kuala Lumpur
Tel: 03-6161 1111 Fax: 03-6161 1112
Email: fenaka@fenaka.com.my

PROJECT: TRANSFORMER HUT
LOCATION: F. NILAMPHO

APPROVED BY:
REFAH ALI JALEL
CHIEF OPERATING OFFICER
CHECKED BY:
M. SYAFIEZ
M. SYAFIEZ
POWER DISTRIBUTION DEPARTMENT

PLANNING & DESIGN
CHECKED BY:
M. SYAFIEZ
ARCHITECTURAL DESIGN
PROJECTS DEPARTMENT
ENGINEER:
YADHITYA
DRAWN BY:
A. RHAZ

DWG TITLE: AS GIVEN
SCALE: AS GIVEN
DIMENSION: mm
DATE: 18TH AUGUST 2025

REVISION:

DWG NO.:
PROJECT NO.:
CONTRACTOR MUST CHECK ALL
DIMENSIONS ON SITE BEFORE
STARTING ANY WORK ON SHOP DRAWINGS.
PREFERENCE OVER SCALE REDUCES.
DO NOT SCALE DRAWINGS IN CASE DOUBT
PLEASE ASK.