

52ST.305



## TENDER FORM

The Chairman – Tender Opening Committee  
PNG Power Ltd  
P. O. Box 1105  
BOROKO 111 NCD  
Papua New Guinea  
Phone: (675) 324 3381  
Fax: (675) 3250791  
Email: [supplyhelpdesk@pngpower.com.pg](mailto:supplyhelpdesk@pngpower.com.pg)

We (Full name of company).....  
.....  
.....  
.....

hereby tender for the undermentioned goods and services subject to the conditions of tendering and at the prices quoted in the scheduled therein

**TENDER No.            15/2019**

**CLOSING AT                    4.00 PM FRIDAY 03<sup>RD</sup> MAY 2019**

**FOR                                CONSTRUCTION OF MINI STAFF COFFEE SHOP  
AT NATIONAL OFFICE, HOHOLA - NCD**



**TENDER NO: 15 / 2019**

**CONSTRUCTION OF MINI STAFF COFFEE SHOP AT  
NATIONAL OFFICE – HOHOLA, NCD.**

*Property Development Team  
Property Services Group  
Finance & Shared Services Business Unit  
P. O. Box 1105, BOROKO 111  
National Capital District*



TENDER NO: 15 / 2019

CONSTRUCTION OF MINI COFFEE SHOP AT NATIONAL OFFICE,  
HOHOLA, NATIONAL CAPITAL DISTRICT

Prepared By: ~~.....~~  
Checked By: *[Signature]*  
Authorised By: *[Signature]*  
Date: 20/04/19

**PNG POWER LIMITED**

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## **FRONTISPIECE**

### **BRIEF DESCRIPTION OF TENDER**

This Tender is purposely for the Construction of a Mini Coffee Shop at National Office at Section 12, Allotment 01 – Hohola, National Capital District and other associated works required under this contract.

**PNG POWER LIMITED**

**SECTION 1**

**CONSTRUCTION OF MINI COFFEE SHOP AT NATIONAL OFFICE – HOHOLA, NATIONAL CAPITAL DISTRICT.**

**(A) INVITATION TO BID**

Tender closes with:

PNG Power Limited,  
P. O. Box 1105,  
**BOROKO,**  
Papua New Guinea

**At 4:00 pm – Friday 03rd May 2019.**

The Tender Submission shall consist of the following, all duly completed;

- Form of Tender
- Schedule of Quantities
- GST and Tax Registration Numbers
- Additional information/price offered by the Supplier to aid the evaluation of the Quotation.

Enquiries during the Tender period shall be addressed to:

PNG Power Limited,  
P. O. Box 1105,  
**BOROKO,**  
Papua New Guinea.

**ATTENTION:** Mr. Ivan Anengo  
Senior Property Development Officer  
Corporate Services Business Unit

Fax: 323 5239  
Telephone: 324 3514  
Email: [ianengo@pngpower.com.pg](mailto:ianengo@pngpower.com.pg)

**(B) FORM OF TENDER**

**CONSTRUCTION OF MINI COFFEE SHOP AT NATIONAL OFFICE – HOHOLA, NATIONAL CAPITAL DISTRICT.**

Companies quoting are required to complete the blank spaces in this Tender Form and complete the Schedules included.

To: PNG Power Limited  
P. O. Box 1105,  
**BOROKO.** NCD

Gentlemen,

1. Having examined the Drawings, Specification and Schedules for the execution of the above named Works, we, the undersigned, offer to execute and complete the works accordingly for the sum of (words & figures)  
.....  
.....  
.....(K.....)
2. We undertake, if our quotation is accepted, to complete and deliver the whole of the works within six (6) weeks from the date of receiving your Official Order.
3. We agree to abide by this Tender for the period of ninety (90) days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before expiration of that period.
4. This Tender, together with the receipt of your Official Order thereof, shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any quotation / bid you may receive.

Signed and sealed for and on behalf of: )  
..... )  
by ..... )  
..... )  
the ..... )  
of the said Company herein )  
authorised in the presence of )  
..... )  
Address of Company Quoting: )  
..... )

(C) **TENDER DATA**

**CONSTRUCTION OF MINI COFFEE SHOP AT NATIONAL OFFICE – HOHOLA,  
NATIONAL CAPITAL DISTRICT.**

(i) **TENDERER'S ORGANISATION**

1. Name: ..... Nationality: .....
2. Business Address: ..... Fax: .....
- P. O. Box No: ..... Phone: .....
- .....

(ii) **CONTRACT SUPERVISION**

Tenderers shall list their proposed supervisory staff for this Contract. (number and designation only).

(iii) **STATEMENT OF EXPERIENCE**

The Tenderer shall state hereunder facts in detail describing previous experience and achievements in performing similar or comparable works together with the names of authorities for whom, and the dates when, such works was carried out.

**CONSTRUCTION SCHEDULE**

**CONSTRUCTION OF MINI COFFEE SHOP AT NATIONAL OFFICE – HOHOLA,  
NATIONAL CAPITAL DISTRICT.**

The Bidder should indicate his proposed program for completing various stages of the work by filling in the schedule below.

ACTIVITY	TIME IN WEEKS					
	1	2	3	4	5	6
Mobilisation / Establishment & Set-Up / Demolition						
Metal / Steel Works						
Carpentry Works						
Joinery Works						
Tiling Works						
Glazing Works						
Electrical Works						
Painting Works						
Cleaning						

**(D) PRICE SCHEDULES**

**CONSTRUCTION OF MINI COFFEE SHOP AT NATIONAL OFFICE – HOHOLA,  
NATIONAL CAPITAL DISTRICT.**

**(i) LUMP SUM BREAKDOWN**

1.0	Set Up & Demolition	K.....
2.0	Carpentry Works (External & Internal)	K.....
3.0	Joinery Works	K.....
4.0	Tiling Works	K.....
5.0	Glazing Works	K.....
6.0	Electrical (include aircondition)	K.....
7.0	Painting	K.....
8.0	Cleaning	K.....
	Sub-total	K.....
	GST	K.....
	<b>TOTAL LUMP SUM</b>	K.....
	(Carried to Form Quotation)	

**(ii) SCHEDULE OF RATES FOR VARIATION**

The Contractor shall list the rates for performance of the type of work listed below. These rates shall be used for calculating the amount of any variation to the contract involving that type of work.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Rate</u>
1.	Painting (including preparation)		m <sup>3</sup>

Name of Contractor: .....

Signature: .....

Date: .....

Witness: .....

## **SECTION 2 TECHNICAL SPECIFICATION**

<b><u>Description</u></b>	<b><u>Page No</u></b>
<b>1.0</b>	<b><u>Schedule of Preliminaries</u></b>
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## **JOB SPECIFICATION**

### **1.0 SCHEDULE OF PRELIMINARIES**

#### **1.1 GENERAL**

The Contractor shall carryout the works as detailed and or inferred in the Technical Specification comprising of Trade Schedules and Drawings which takes precedence over the Standard Specification, Part (B).

#### **1.2 STANDARDS**

All works shall be carried out to the accepted standard trade practices, Local Authority Regulations and the relevant PNG and Australian Standards.

#### **1.3 NATURE OF CONTRACT**

The contract will be Fixed Price Lump Sum Contract. Approved variations shall be paid for at the applicable rates listed in the Schedule of Rates for Variations.

#### **1.4 LOCATION OF SITE**

The work site is located at Section 12 Allotment 01 - Hohola within the vicinity of PNG Power National Office Building.

#### **1.5 DESCRIPTION OF WORK**

All works covered in this contract is as stipulated within the scope of works. It basically requires metal/steel works, carpentry, joinery and other finishings.

***BIDDER TO ALSO SPECIFY OTHER ITEMS OR FEATURES TO BE INCORPORATED TO ENHANCE THE OUTLOOK OF THE COFFEE SHOP AND PROVIDE AN OPTIONAL QUOTE FROM THE MAIN QUOTATION.***

#### **1.6 SITE INSPECTION**

The Contractor shall inspect the site prior to lodging his Tender and satisfy himself with the nature of the site, PNG Power Ltd will not be liable if conditions proved otherwise climatic conditions and services relevant to the contract.

#### **1.7 QUOTATION**

The contractor after inspection shall provide his quotation and forward to Property and Accommodation Group – Property Development Team.

#### **1.8 POSSESSION OF SITE**

Possession of Site shall be on the date stated in the Letter of Acceptance to the successful tenderer.

The Contractor shall be given such possession of the site as is considered necessary to carry out these works, but such possession shall not be deemed to mean exclusive possession.

#### **1.9 SITE OPERATIONS**

##### **1.9.1 Safety**

All matters and conditions regarding safety, health and welfare of persons working on site shall be the responsibility of the Contractor.

#### 1.9.2 Site Facilities

The Contractor shall arrange for and meet all the costs associated with the provisions of his electricity, telephone, water ablution facilities, temporary buildings for his workmen including site security.

### 1.10 PROJECT SUPERVISION

Any queries arising in relating to this contract shall be forwarded to Senior Property Development Officer and the PNG Power Inspector to be dealt with. All matters shall be resolved within a minimum of seven (7) days period.

### 1.11 CONSTRUCTION SCHEDULE

The Contractor shall provide a detailed construction schedule expanding on the Tender Construction Schedule within one (1) week of acceptance of contract.

### 1.12 QUALITY OF WORKMANSHIP

The contractor shall employ experienced and skilled carpenters, joiners, electrician and painters and glazier man. The workers shall be supervised by a tradesman supervisor for all trade related work as PNG Power expects a high standard of workmanship when carrying out the work.

### 1.13 USE OF SECOND HAND MATERIALS

No second hand materials shall be used unless indicated in the specification or shown on the drawing or until they have been inspected and approved by the Superintendent. Any materials re-used shall be finished to "as new" condition.

### 1.14 SETTING OUT

The works shall be located where indicated on the drawings, however, the accurate setting out and adherence to details of levels and squareness of the building will be the sole responsibility of the Contractor.

### 1.15 WORK COMMENCEMENT AND COMPLETION DATE

Upon receiving of this official order, the successful contractor shall liaise with the PNG Power Inspector to set commencement and the completion date. The works shall be Practically Completed within Six (6) weeks from the date of Possession of Site given in PNG Power's Letter of Acceptance.

The PNG Power Inspector shall ensure that the contractor must complete all work in the given period. However, if the contractor shall not meet the completion target date, then he shall inform the PNG Power Inspector one week in advance and must provide good reasons for doing so.

### 1.16 PAYMENT

Final payment shall be made upon completion of all works and upon recommendation of the PNG Power Inspector. Part payment shall be allowed in this contract. And the contractor must provide copies of receipts of

materials purchased with part payment invoice including labor and transport cost.

#### **1.17 CLEANING UP**

Upon completion of the works, the contractor shall leave the work areas clean and clear of rubbish, excavated material and excess material which is of no use to PNG Power.

All rubbish shall be dumped at the local authority's official garbage dump and not at or around the work site or nearby surroundings.

## **2.0 DESCRIPTION OF WORKS**

### **2.1 MOBILISATION, SITE SET-UP AND DEMOLITION**

- 2.1.1 The Contractor shall organise and mobilise on site upon PPL instruction or upon receiving of PPL Official Purchase Order.
- 2.1.2 The contractor shall arrange for temporary services on site including site access, telephone, power and sewerage for use by its workers.
- 2.1.3 The Contractor shall arrange for storage spaces on site to store materials, tools and other plant and equipments.
- 2.1.4 The Contractor shall also arrange for Security on site to safe-guard building materials, plants and equipments.
- 2.1.5 The Contractor shall arrange to demolish and remove existing mini spike fencing within the job site as directed by the Project Supervisor.

### **2.2 METAL / STEEL WORKS**

- 2.2.1 All metal light metal wall frames shall be used as shown on the drawings. All fixings shall be done as Manufacturers latest approved standards.
  - a. Wall Framing  
Supply and use 75x50mm light metal frames for nternal wall framing with metal studs at maximum of 600mm centres two evenly spaced rows of light metal noggings.
  - b. Wall Bracing  
Provide and fix appropriate metal wall bracing required on wall frames.
  - c. Rafters/Beams/Roof Bracing  
Supply and fix 75x50mm light metal frames rafters/beams/roof brains in single lengths at 1200mm centres as detailed, fixed to wall frames.
- 2.2.2 Fabricate and weld metal grates to cover the existing open concrete drains within the job site. Contractor to provide type of grate for PPL Inspector approval. Contractor to confirm measurements on site.

### **2.3 CARPENTRY WORKS**

All timbers preferred are treated hardwood species such as Kwila, Malas and Taun. A written approval must be obtained from the Superitendent if the Contractor wishes to offer an equal or better species.

- 2.3.1 Ceiling Battens  
Supply and fix 50x50mm hardwood battens and flush with underside of rafters/beams at 600 ctrs.
- 2.3.2 Door Jambs and Window Frames  
The contractor shall supply and install door and window frames as shown on the drawings.

2.3.3 Supply and provide 10mm thick CFC ceiling and wall claddings and fix to wall and ceiling frames.

2.3.4 Exterior Barricade Deckings

Supply, cut and install timber barricade wall frames and vertical claddings as shown on drawings.

Timber decking barricade at coffee area shall be 1200mm high.

Timber decking barricade at kiosk area shall be 2100mm high.

**2.4 JOINERY WORKS**

2.4.1 Counter Bench

- a. Construct new Bench as shown on drawings.
- b. Supply and provide all required timber sizes for the construction of sink bench.
- c. Bench top to be finished with laminex – colour to be specified by the PPL Inspector.

2.4.2 Door Locks and Hinges

- a. Supply and install new Lockwood deadlocks with 56x100mm x 75mm "D" handle fixed on both sides of the doors.
- b. Provide magnetic door stoppers to all doors as required.

2.4.3 Counter Shutter Doors

Contractor supply and install a counter shutter doors to seal off the kiosk area with locks and other accessories. Contractor to provide sample for approval by the Project Supervisors.

**2.5 TILE WORKS**

2.5.1 Standards and Workmanship

The tiler shall supply and install all floor coverings as detailed on drawings.

2.5.2 The ceramic tiles shall be firmly bedded on a beads of adhesive and shall be properly grouted. All excess grout shall be completely cleaned off. Colour: Floor Tiles – grey or similar to match existing.

2.5.3 Provide 400x400mm ceramic floor tiles as indicated on drawing.

**2.6 GLAZING WORKS**

2.6.1 Standards and Workmanship

The glazier shall supply and install all window glass and frames as detailed on drawings. All new window frames supplied shall be aluminium frames.

2.6.2 Provide and fix 6mm thick clear glass to windows as specified on the drawings.

## **2.7 ELECTRICAL AND FIRE**

All electrical works to be undertaken by a Licensed Electrician according to the relevant codes and practices. All materials shall be of the best quality and workmanship shall be accordingly to the best trade practice of the workmanship in accordance with the PNG Power requirement.

### **2.7.1 Fire**

#### **a. Standards and Workmanship**

Comply with all relevant Fire Authority rules, codes and requirements.

#### **b. Supply and install 2x 4.5kg dry carbon fire extinguishers as indicated on drawing.**

### **2.7.2 Electrical**

#### **a. Standards and Workmanship**

Comply with all the relevant PNG Power Limited rules, codes and requirements.

#### **b. Wiring**

All wiring shall be concealed inside the conduits embedded in the wall frames.

#### **c. Lights and Fittings**

Supply and install down lights and fittings on the interior as indicated on the drawing.

Supply and install 18W light tubes and fittings and indicated on drawing.

#### **d. Power Switch**

Provide and install a 10amp or 15 amp GPO as indicated on drawing/plan.

## **2.8 PAINTING SPECIFICATION**

### **2.8.1 Quality of Materials**

The contractor shall supply all painting materials and store them neatly in an appropriate area free from dust, moisture or anything that may have an immediate effect on painting materials.

All materials used for this painting work shall be of higher grade. No second grade materials shall be used, if the contractor shall or may want to use second graded materials, the contractor must seek Inspector's approval.

#### 2.8.2 Brand

The contractor shall supply materials such as, undercoat, turps, final coat etc, from the same Manufacturer. Mixtures of painting materials from different brand of manufactures shall not be allowed.

#### 2.8.3 Wash down

All painting surfaces shall be thoroughly washed down with approved detergent or sugar soap prior to commencement of any painting work. The contractor shall seek approval from PNG Power supervisor after thorough wash down all surfaces before commencing of painting work.

#### 2.8.4 Drop Sheet

A drop sheet shall be used by the Contractor during the course of the painting work to protect any nearby structure.

#### 2.8.5 Under Coats

An oil base Acrylic under coat or similar approved type under coat that can quickly settled and dried shall be used. The Contractor shall apply one (1) coat on old surfaces. 2 coats of under coats on new surfaces.

#### 2.8.6 Final Coat

After completion of the sanding work to all painting surfaces, the contractor shall carry out the painting of the final two (2) coats. Colours shall be preferred by the PNG Power Supervisor.

#### 2.8.7 Turpentine

The Contactor shall only use turpentine to wash paintbrushes or to soften paint so that paints are flexible and easy to use. Kerosene shall not be used when carrying out the painting work.

#### 2.8.8 Scaffolding

The Contractor's responsibility to provide necessary scaffolds and securely fixed to avoid accidents. PNG Power shall not be responsible for any accident created due to negligence.

#### 2.8.9 Painting and Varnishing

- a. The contractor shall use Taubmans paints only when carrying painting works.
- b. Do not apply under coat without the approval of the PNG Power Inspector.
- c. Any existing paint surface shall be cleaned and washed down properly with sugar soap or detergents prior to applying of any under coat.
- d. Apply masonry filler under coat for all masonry surfaces prior to painting of final coats.

- e. All rusted metal surface shall be cleaned and scraped off properly before the metal primer is applied.
- f. Colours scheme shall be provided by PNG Power Inspector.
- g. New surfaces shall have 2 coats of under before applying of 2 final coats.

**2.9 CLEANING UP**

Upon completion of the works, the contractor shall leave the work areas clean and clear of rubbish and excess material which is of no use to PNG Power Ltd.

All rubbish shall be dumped at the Local Authority's official dump site and not at or around the work site.

\*\*\*\*\*END OF SCOPE\*\*\*\*\*

### **SECTION 3 LIST OF DRAWINGS**

The Contractor shall undertake the works for Tender in accordance with the Drawings listed below and as appended. The drawings form part of the Contract Documents and all notes on the drawings are considered to be part of the drawings and the Contract. If the drawings conflict with any other part of the Contract Documents, the drawings will take precedence.

<b>Drawing Ref. No.</b>	<b>Drawing Title</b>	<b>Date of Issue</b>
<b>M 11924</b>	<b>CONSTRUCTION OF MINI STAFF COFFEE SHOP AT NATIONAL OFFICE – HOHOLA, NATIONAL CAPITAL DISTRICT.</b>	March 2019
Sheet 00 of 08	Cover Sheet	
Sheet 01 of 08	Site Locality & Site Plan	
Sheet 02 of 08	General Floor Plan	
Sheet 03 of 08	Kiosk Layout	
Sheet 04 of 08	Plumbing & Electrical Layout	
Sheet 05 of 08	Main Elevations	
Sheet 06 of 08	Side Elevations	
Sheet 07 of 08	Cross Section A-A & Details	
Sheet 08 of 08	Light Gauge Steel Framing Details	

#### **SECTION 4    STANDARD SPECIFICATION**

The Trade Schedules and Drawings are considered sufficient for construction, however if any item is not adequately covered in the Trade Schedules, drawings or by recognised standard trade practices, the Contractor shall then refer to PNG Power's Standard Specifications, which are available for perusal by the Contractors upon request to the Superintendent.

The following PNG Power Standard Specifications are available for perusal by the Contractor:-

1. Preliminaries
2. Excavation
3. Concrete Works
4. Concrete Masonry
5. Structural Steel
6. Metalwork
7. Carpentry
8. Joinery
9. Hardware
10. Roofing
11. Plumbing
12. Drainage
13. Electrical Services
14. Painting
15. Glazing
16. Fencing
17. Road Earthworks
18. Roadworks
19. Bituminous Surface Treatment
20. Water Supply
21. Minor Sewerage Works



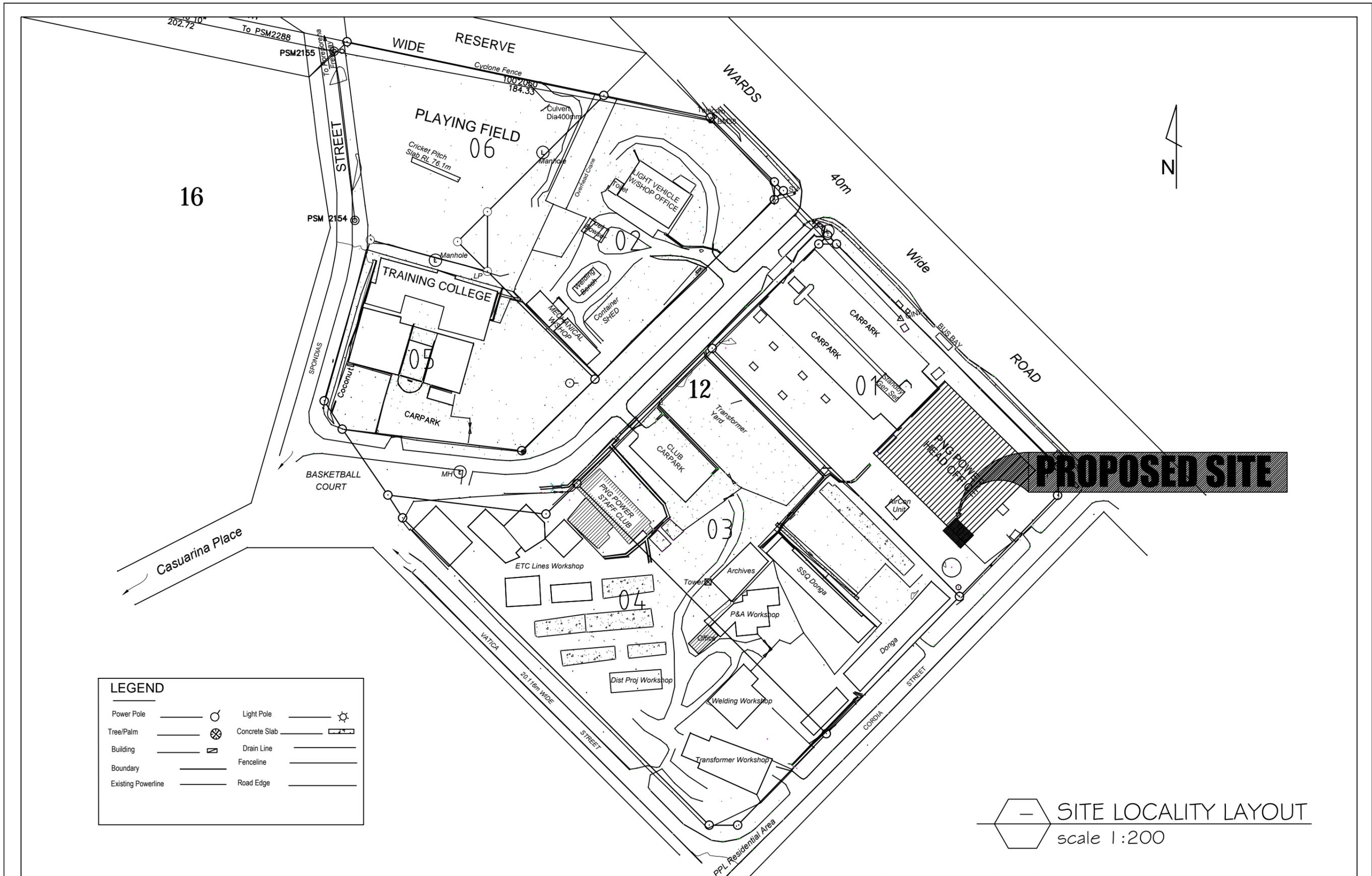
**CONSTRUCTION OF MINI COFFEE SHOP  
AT SECTION 12, ALLOTMENT 01 - HOHOLA, NATIONAL  
CAPITAL DISTRICT**

**ARCHITECTURAL DRAWING**

- A00 - COVER SHEET
- A01 - SITE LOCALITY LAYOUT
- A02 - GENERAL FLOOR PLAN
- A03 - KIOSK LAYOUT
- A04 - PLUMBING & ELECTRICAL LAYOUT
- A05 - MAIN ELEVATION
- A06 - SIDE ELEVATION
- A07 - CROSS SECTION A-A & DETAIL
- A08 - LIGHT GAUGE STEEL FRAMING DETAILS

**M11924**

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LEGEND			
Power Pole		Light Pole	
Tree/Palm		Concrete Slab	
Building		Drain Line	
Boundary		Fenceline	
Existing Powerline		Road Edge	

**SITE LOCALITY LAYOUT**  
 scale 1:200

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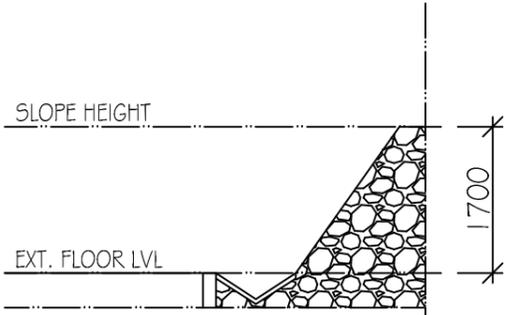
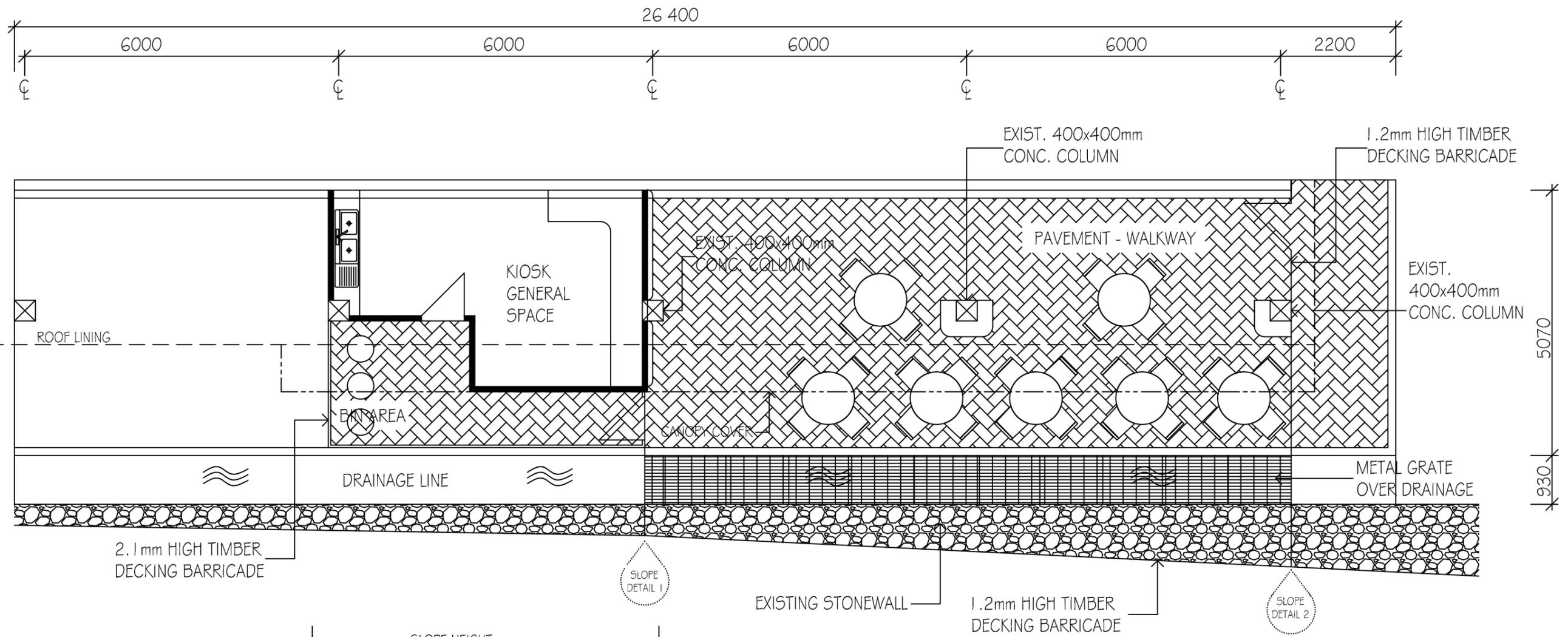
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 Telephone: (675) 324 3200  
 Facsimile: (675) 325 0072 Website: www.pngpower.com.pg

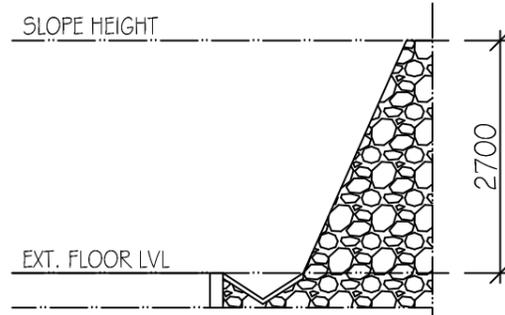
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Location	PPL NATIONAL OFFICE – HOHOLA, NCD		
Title	PPL NATIONAL OFFICE COFFEE CORNER SITE LOCALITY LAYOUT		
Number	M11924	Sheet	01 OF 08
Revision			

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EXISTING SLOPE 01  
Scale 1:75



EXISTING SLOPE 02  
Scale 1:75

— GENERAL FLOOR PLAN  
scale 1:75

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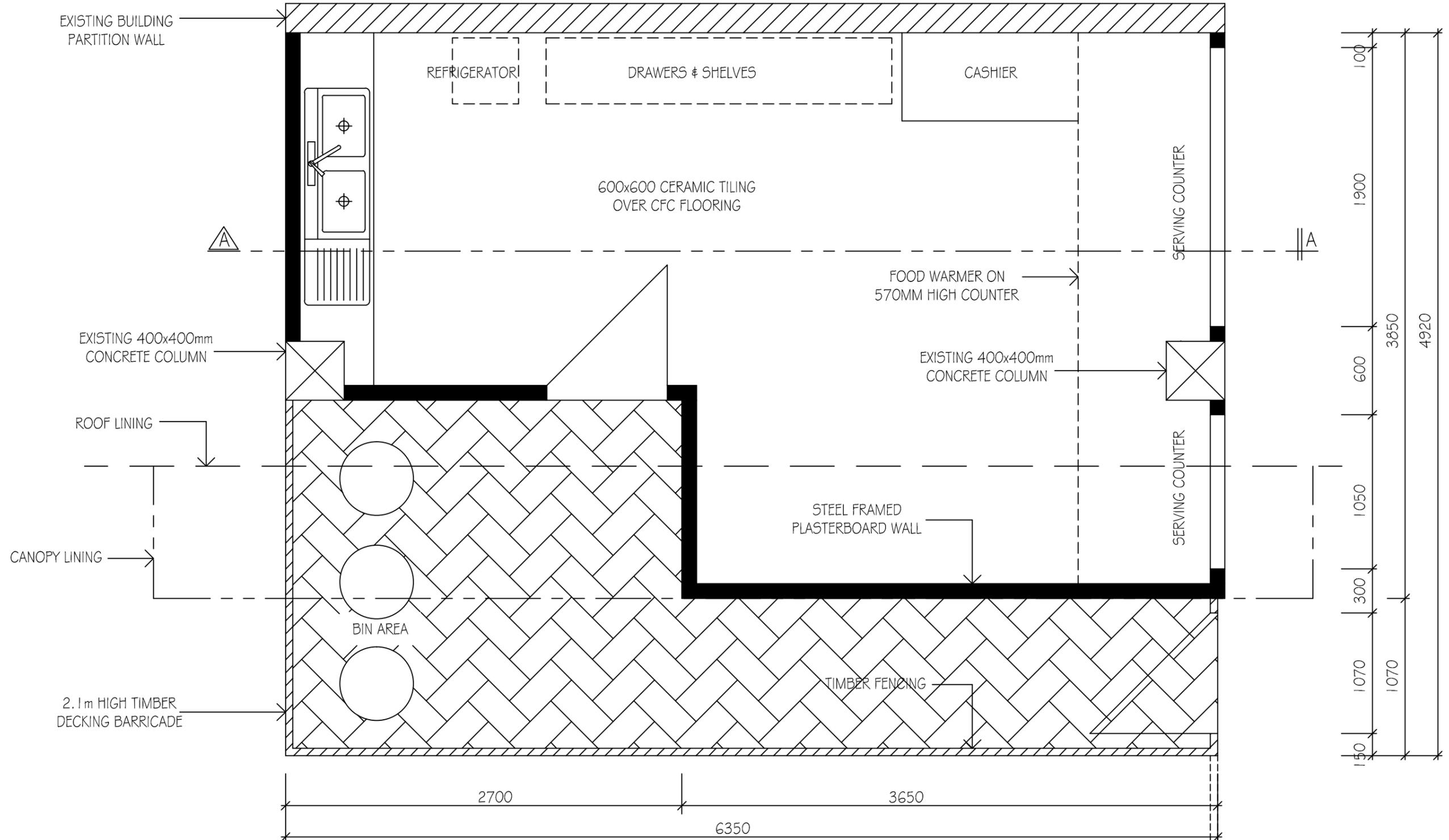
Rev.	Revision	By	Chk'd	Date

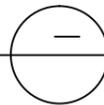
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Sheet **02 OF 08**




**KIOSK LAYOUT**  
 scale 1:25

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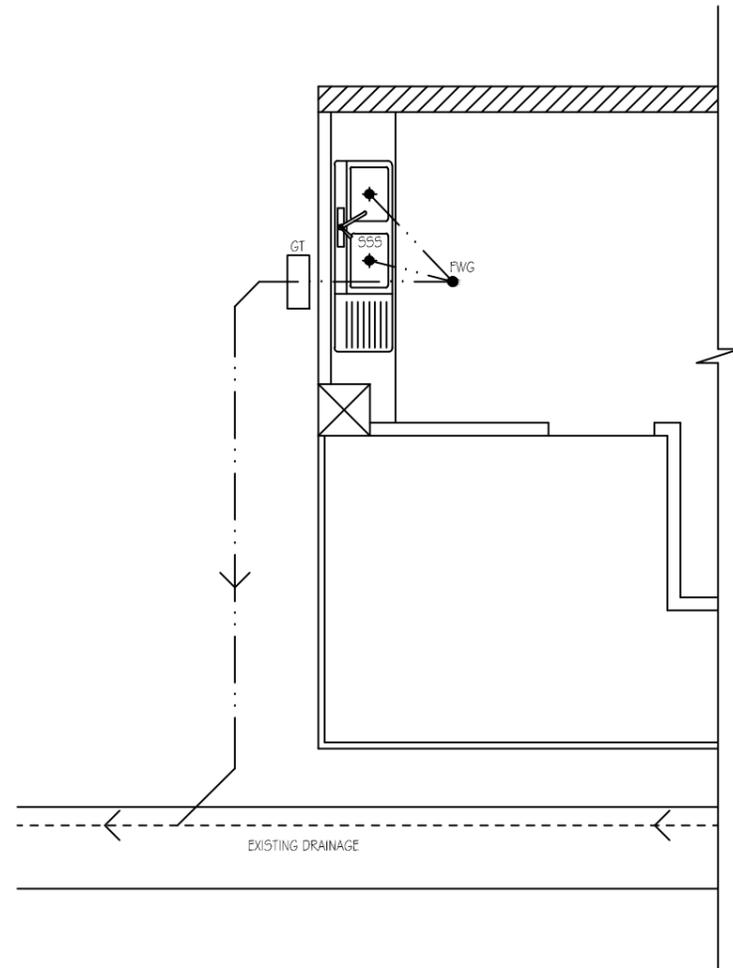
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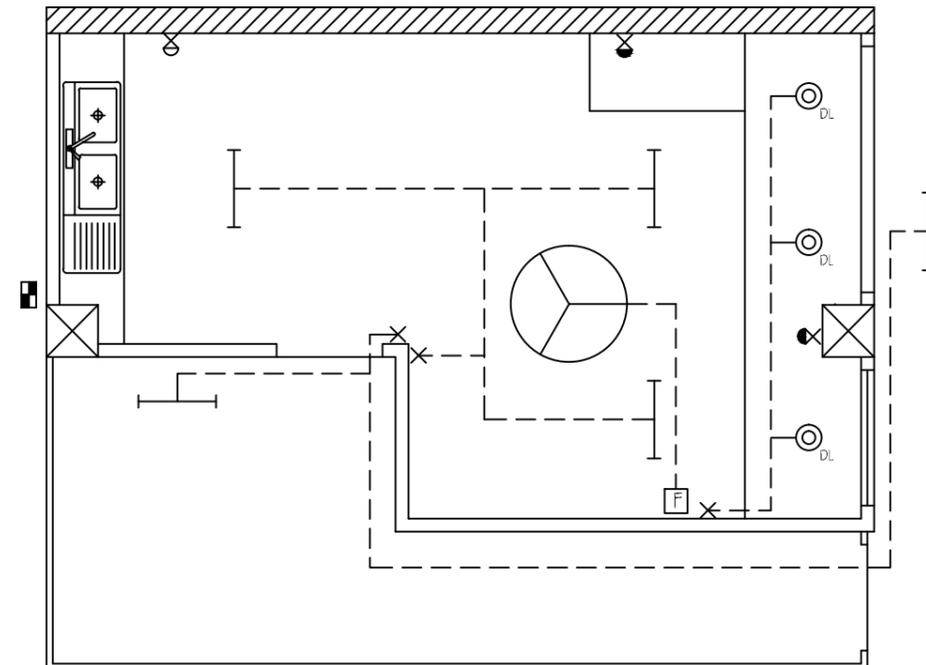
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PLUMBING LAYOUT

PLUMBING LEGEND		
	SYMBOLS	DESCRIPTION
1	FWG	FLOOR WASTE GULLY
2	SSS	STAINLESS STEEL SINK
3	GT	GREASE TRAPPER
4	— · · —	50Ø PVC WASTE PIPE CONNECTION

ELECTRICAL LEGEND		
	SYMBOLS	DESCRIPTION
1	— —	FLUORESCENT LIGHT FITTING ( 1 x 18W )
2	⊗	SWITCH, ONE WAY ( 10 Amps )
3	⊗	SINGLE G.P.O. ( 10 Amps )
4	⊗	DOUBLE G.P.O.
5	■	METER BOX
6	DL ⊙	DOWN LIGHT
7	F	FAN REGULATOR
8	⊗	900Ø ELECTRICAL FAN



ELECTRICAL LAYOUT

— PLUMBING & ELECTRICAL LAYOUT  
scale 1:50

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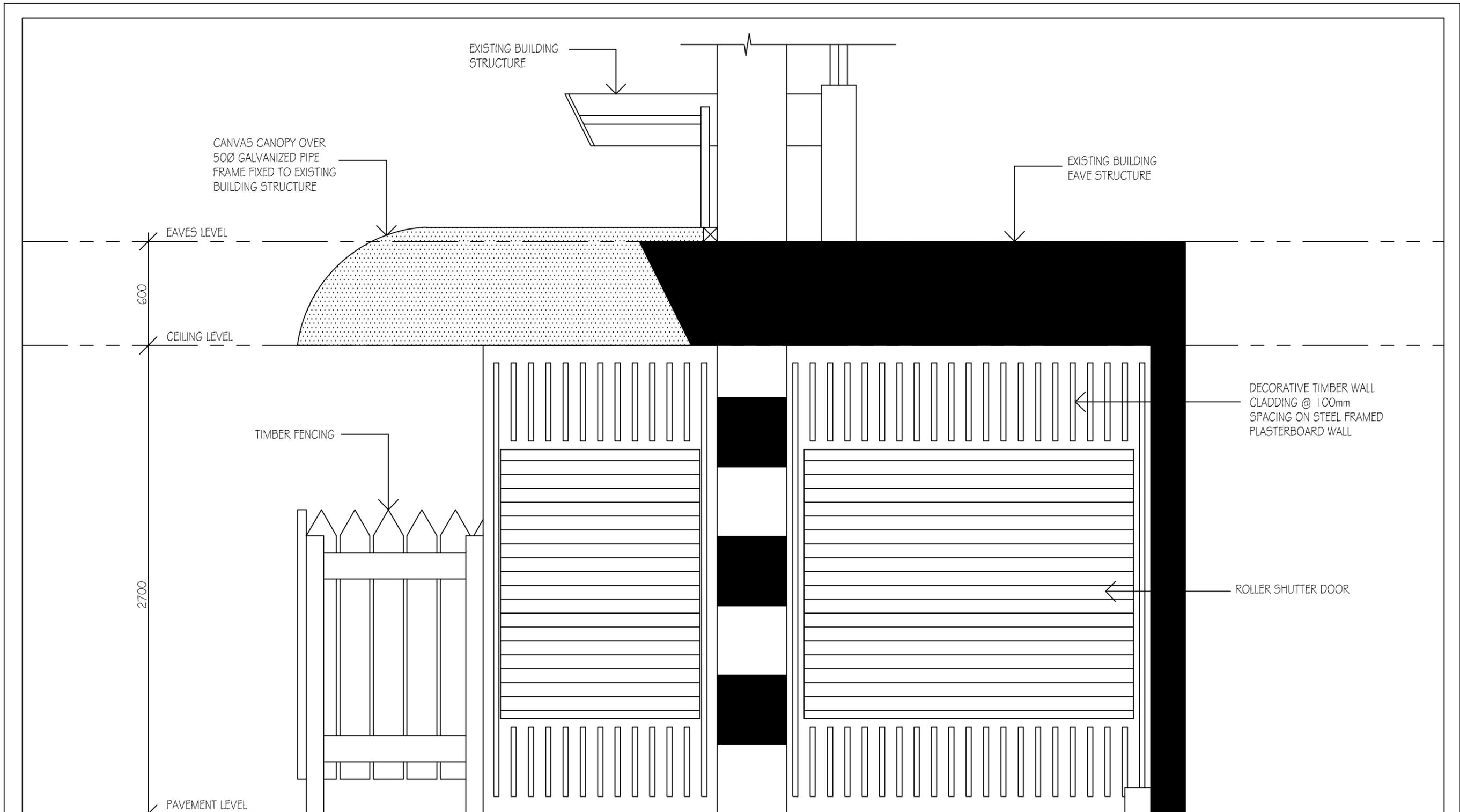
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— MAIN ELEVATION  
scale 1:20

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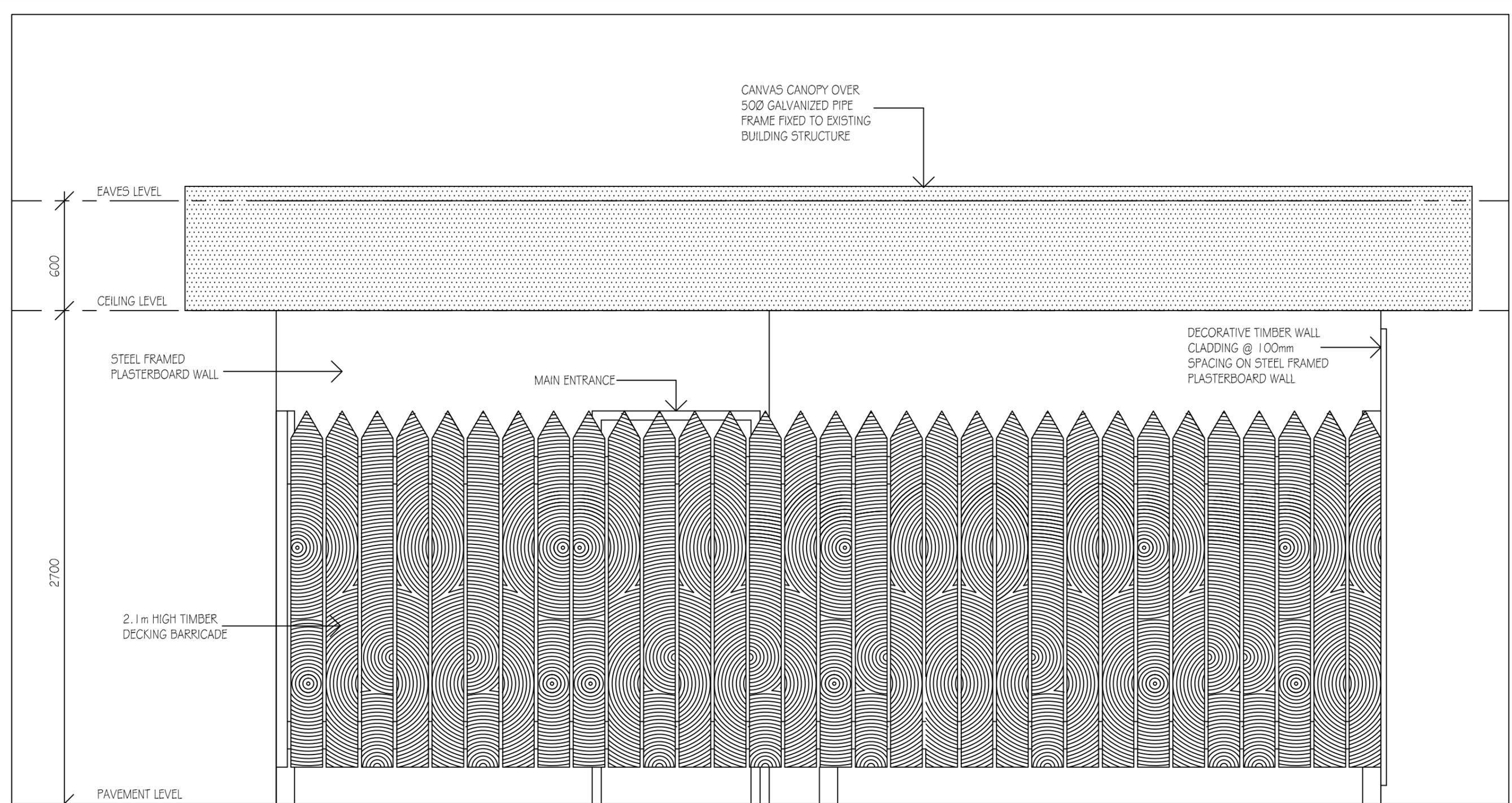
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— SIDE ELEVATION  
scale 1:20

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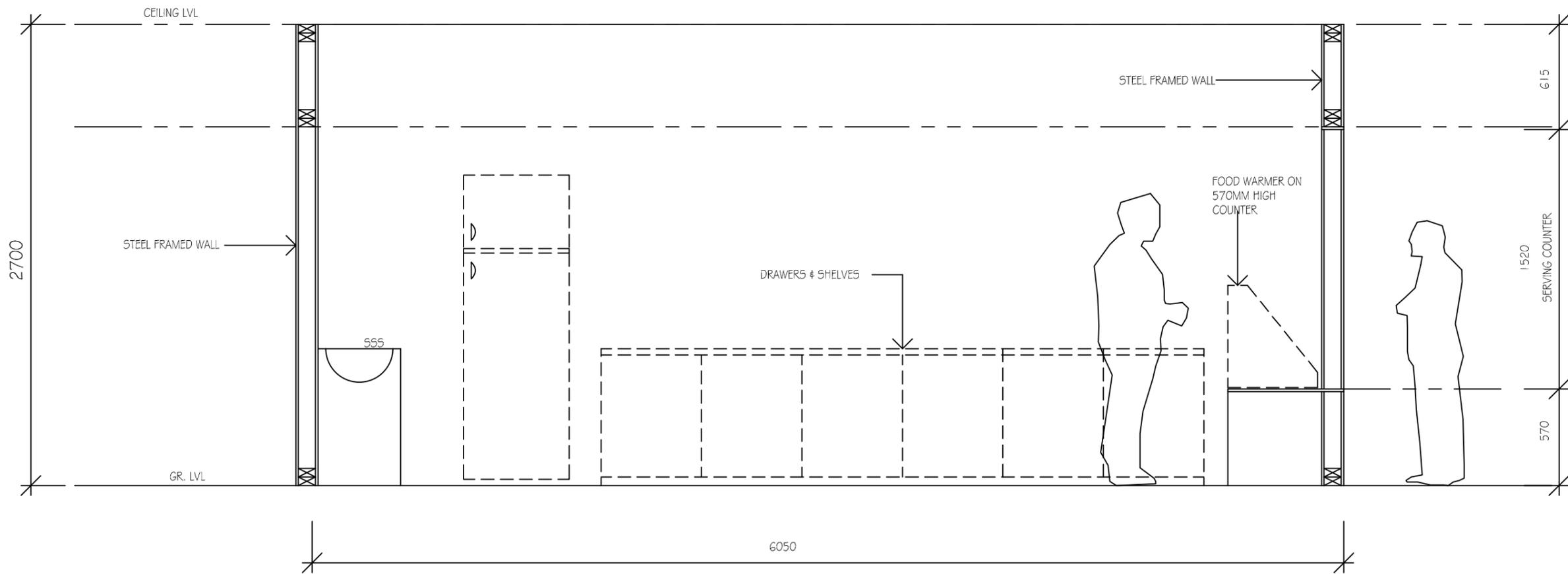
Rev.	Revision	By	Chk'd	Date



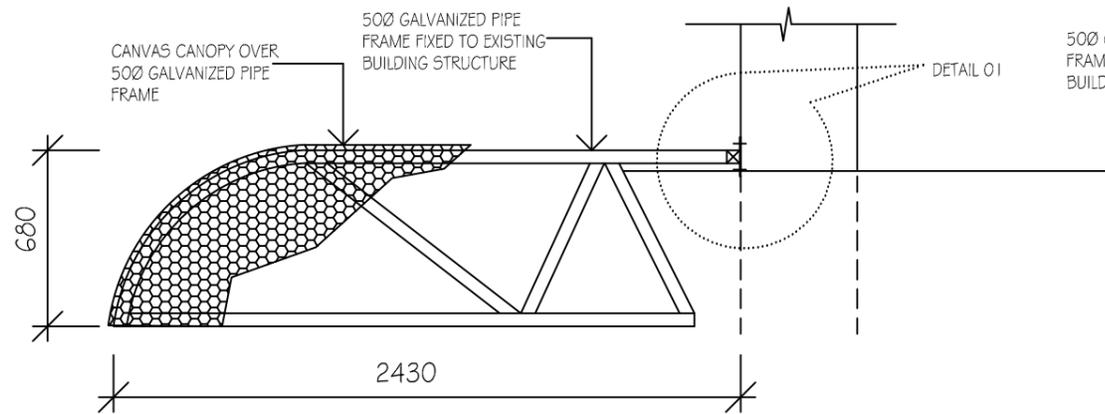
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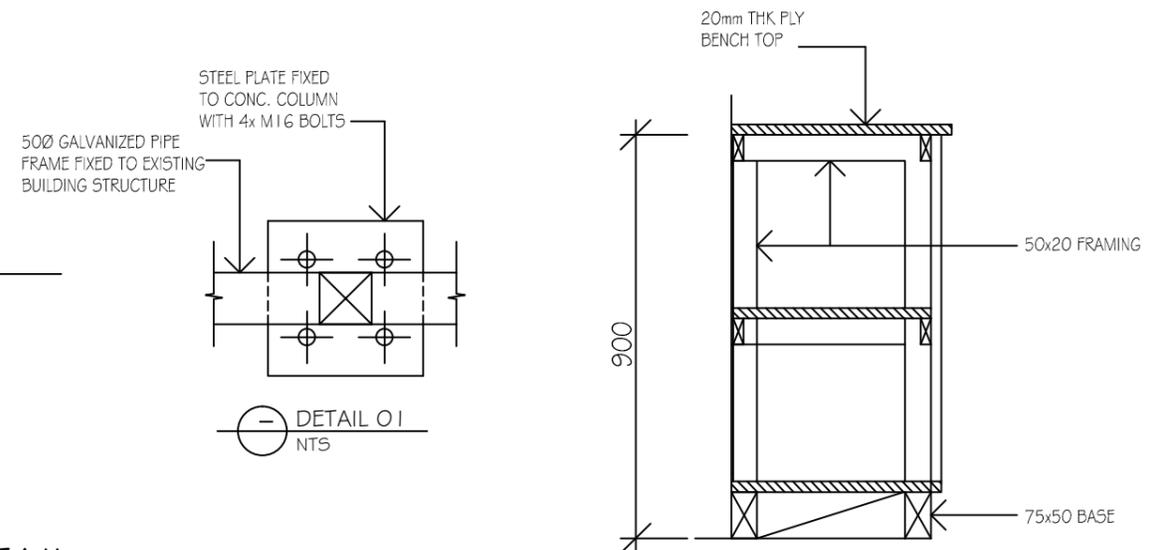
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— CROSS SECTION A-A  
scale 1:25



— CANOPY DETAIL  
scale 1:25



— TYPICAL CUPBOARD SECTION  
Scale 1:5

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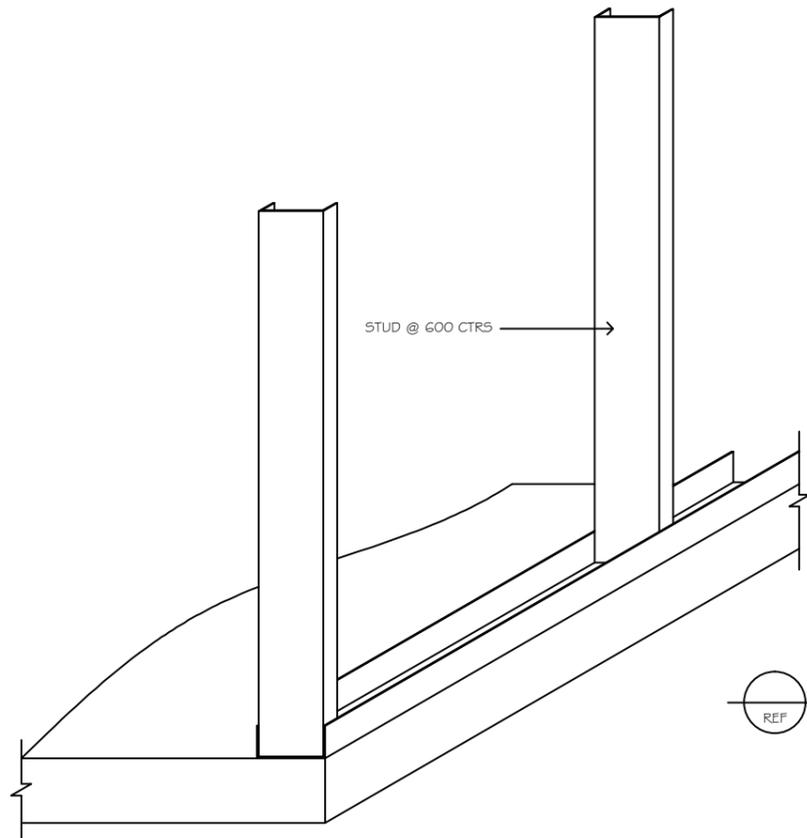
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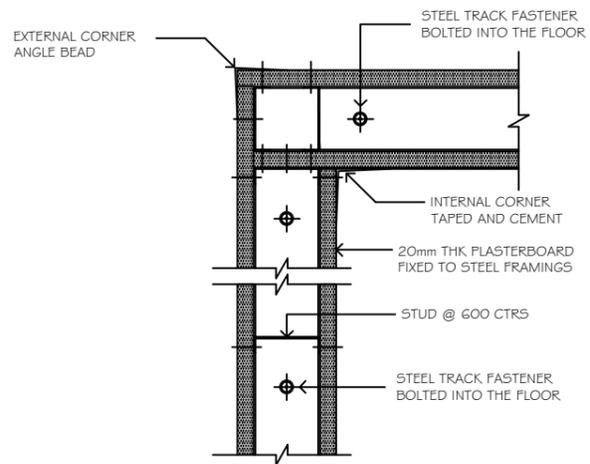
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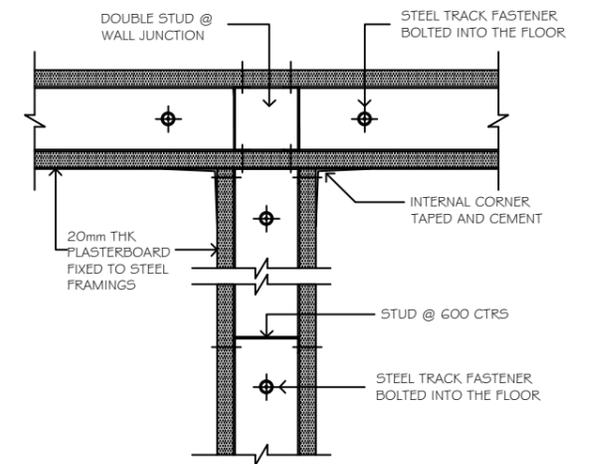
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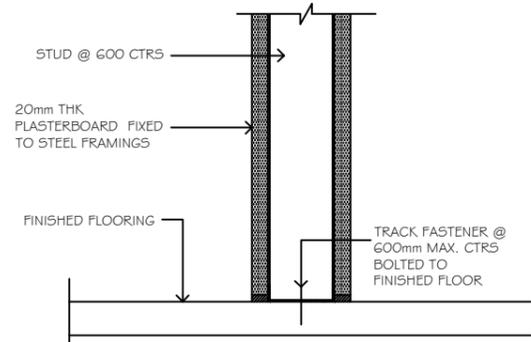
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MASONRY & STEEL STUD WALL



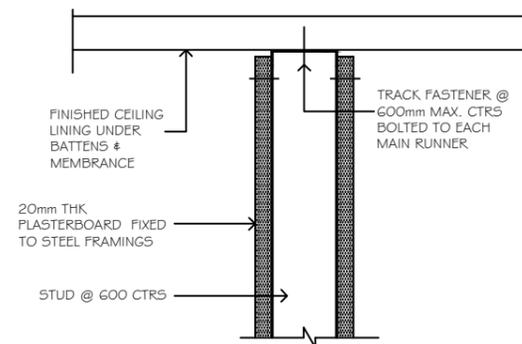
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CORNER DETAIL: PLASTERBOARD TO STEEL FRAME



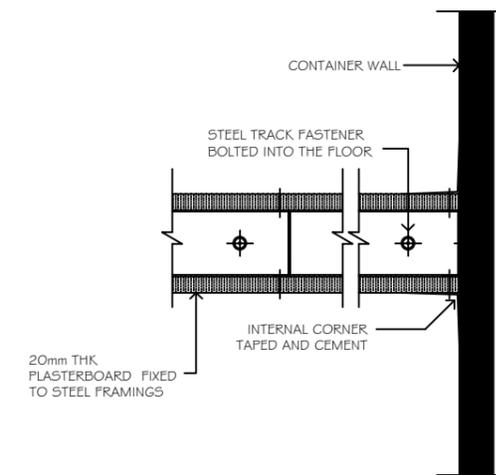
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JUNCTION DETAIL: PLASTERBOARD TO STEEL FRAME



REF 1 : 10  
WALL & BASE CONNECTION



REF 1 : 10  
WALL & HEAD CONNECTION



REF 1 : 10  
STUD TO WALL CONNECTION

— LIGHT GAUGE STEEL FRAMING DETAILS  
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# Mini Coffee Shop

