

DZONGKHAG ADMINISTRATION
Bumthang

Bidding Document
For

Construction of Caretaker's Quarter
at
Dungemethang Zangdopelri



དཔལ་ལྷན་འབྲུག་གཞུང་། བུམ་ཐང་རྫོང་ཁག་བདག་རྒྱུང་།

**Royal Government of Bhutan
Dzongkhag Administration, Bumthang
Engineering Sector
"Towards Beautiful Bumthang"**



Ref: JKD/DES-20/2019-2020/

Dated: 6th May 2020

**INVITATIONS FOR BIDS (IFB)
(Limited Enquiry)**

Dzongkhag Administration, Bumthang invites bids from the eligible Bhutanese contractor for the works detailed below:

Sl	Name of work	Contract period	Class	Category
1	Construction of Road Side Amenity (RSA) at Ura	35days	Small	W3
2	Construction of Road Side Amenity (RSA) at Tang (Dungmethang)	35days	Small	W3
3	Construction of Caretaker's Quarter at Dumethang Zangdopelri	35days	Small	W3

A complete set of bidding documents in English may be downloaded from Dzongkhag web site (www.bumthang.gov.bt) and will be available for download from 08/05/2020 to 13/05/2020.

Bids must be accompanied by a bid security of not less than 2% of the quoted amount in favor of Dasho Dzongdag, Dzongkhag Administration, Bumthang. Bid security will have to be in any one of the forms as specified in the bidding document and shall have to be valid for 30 days beyond the validity of the bid.

Bids must be delivered to Dzongkhag Reception Counter on or before 14/05/2020 hours upon and will be opened on the same day at 1400 hours, in the presence of the bidders who wish to attend.

Interested eligible bidders may obtain further information from the Office of Dzongkhag Engineering Sector, Bumthang, @ Tel 03-631292 during office hours.

-sd-

**CHAIRMAN
Dzongkhag Tender Committee**

Copy:

1. Director General, Tourism Council of Bhutan, Thimphu or information
2. Planning Officer, Dzongkhag Administration, Bumthang for information.
3. Accounts Officer, Dzongkhag Administration, Bumthang for information.
4. ICT officer, Dzongkhag Administration, Bumthang to upload the IFB in the Dzongkhag website.
5. Concerned engineer for information and necessary action.
6. Chairman, Contractor Association, Bumthang for information and with the request to inform the contractors accordingly.
7. Proprietor, Tandin Cable, Bumthang to advertise the above IFB for 5days w.e.f 7/5/2020 to 12/5/2020.
8. Dzongkhag Notice Board.



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Royal Government of Bhutan
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Engineering Sector
"Towards Beautiful Bumthang"



GENERAL TERMS & CONDITIONS

1. Scope of the bid:

The name and identification of the contract is as provided in the Invitation For bids (IFB) and the successful bidders will be expected to complete the works by the intended completed time as specified in the IFB.

2. Eligible bidders:

All small category contractors having valid CDB registration certificate, valid Tax clearance & Valid Trade Licence and have to be present in person at the site on the day and date mentioned in the IFB.

3. Bidding Documents:

Bidding documents/forms shall consist of the following:

- Invitation for Bids (IFB)
- Bill of Quantity (BOQ)
- Drawings
- Form of Bids
- Any other (the standard bidding documents (SBD) in place shall be referred for the general terms and conditions and other provisions of contract not covered herein).

4. Preparation of Bids:

The duly signed and filled up forms and other documents comprising of bidding documents as stated above shall be submitted on or before the dated and time specified in the IFB.

5. Submission of Bids:

Bids must be submitted/ delivered on or before the day and date at the addresses mentioned in the IFB and no "alternate" bills shall be entertained. "Copies" of the bid document need not be submitted.

6. Opening of Bids:

Bid opening shall take place on the day and date specified in the IFB in h presence of the bidders who choose to attend.

7. Award of contract:

The employer shall award the work to the bidders whose bid has been determined to be substantially responsive to the bidding documents.

The successful bidders shall have to deposit performance bond of 10% of the contract price in nay forms and an additional performance bond in the form of cash warrant for the bid exceeding (-)20 % deviation limit from the departmental estimates.

8. Payment & Security:



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Mobilization advance equivalent to 10% of the contract amount shall be paid upon the production of equivalent value in the form of unconditional bank guarantee. Material advance up to 75% of the value of the materials at site shall be paid. No other advances are admissible apart from the payment mentioned above.

No time extension shall be granted at any circumstances and the contractor are urged to acquaint and make site visit before quoting the rates.

A delay penalty @ 0.05% per day of the initial contract amount shall be imposed to the maximum of 0.1% of the initial contract amount.

9. Others:

The contractor shall be mandatory to employ at least 2 (Two) unskilled manpower that shall be engaged by the employer and the contractor shall have to make payment to them for the entire contract duration @ minimum of Nu. 600/- per day. The cost of engaging them shall have to be inbuilt in the offered rates and nothing extra shall be paid by the employer. ***(This clause is meant for only those firms bidding for the Construction of Road Site Amenity (RSA) only and is not applicable to other works).***

-sd-

CHAIRMAN, DTC

Dated: 6/05/2020

BUMTHANG DZONGKHAG ADMINISTRATION
Engineering Sector

Nam Construction of Caretaker Quarter at Dungmethang
Loca Chhokhor, Bumthang

Estimated Amount: (Nu.) 1,040,316.72

BILL OF QUANTITY

No.	Description of Item	Qty	Unit	Rate (Figure)	Rate (words)	Amount (Nu.)
CLEARING AND GRUBBING						
1	Clearing jungle including uprooting of vegetation & trees of girth < 300mm & disposal within 50m of the site	225.00	sqm			
EARTH WORK						
1	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift -ordinary soil including filling back	21.77	cum			
DRAINAGE						
1	Providing and laying 50mm thick Plinth Protection and grouted with fine sand mix including well rammed, finishing the top smooth -With cement concrete 1:3:6, 20mm aggregates, laid over 75mm thick layer of compacted gravel (40mm)	36.30	sqm			
2	Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100 mmthick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12 mm aggregate for filling haunches including 12mm cement plastering 1:4 with a floating coat of neat cement and disposal of surplus earth etc. complete -100mm x 200mm depth	34.20	mtr			
CONCRETE WORK						
1	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth-1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size)	3.57	cum			
STONE/MUD						
1	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth -cm 1:5	24.29	cum			
2	Providing & laying Coursed Rubble Masonry with hard stone hammer-dressed in foundation & plinth-Extra for C.R. masonry with hard stone in superstructure above floor 2 level	19.14	cum			
3	Providing and laying Hand packed stone filling or soling with stones	5.77	cum			
WOOD WORK						
1	Providing & fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames wrought and framed-MC	6.00	cum			
2	Providing & fixing joists, including hoisting, applying wood preservative on unexposed surfaces	4.95	cum			
3	Providing & fixing Eaves board (225x25mm) with moulding fitted and fixed with necessary screws-MC	48.40	mtr			

4	Providing, making & fixing woodwork dressed in traditional cornices complete as per standard design in Mixed Conifer, including applying wood preservative on unexposed surfaces, excluding decorative painting -Lintel level	2.10	mtr			
5	Providing, making & fixing woodwork dressed in traditional cornices complete as per standard design in Mixed Conifer, including applying wood preservative on unexposed surfaces, excluding decorative painting -For single-storied structure including eaves	32.00	mtr			
6	Providing & fixing traditional wooden Tshegay for windows\railling etc. as per standard design	2.59	sqm			
7	Providing & fixing roof framing, in trusses, purlins, rafters, posts, post plates including hoisting, etc. (excluding steel items) -MC	5.09	cum			
8	Providing & fixing 75mm thick split bamboo wall including grooving frames, 20mm plaster cement mortar 1:6 both sides (excluding cost of frame)	33.78	sqm			
9	Providing & fixing 25mm thick Panelled or glazed Shutters for cup-boards etc. complete including hinges -MC	14.46	sqm			
10	Providing & fixing battened and framed door shutters, Mixed Conifer excluding the cost of hinges -38mm -doors	13.86	sqm			
11	Providing & fixing round/TMT security bars for windows 16mm dia	95.97	kgs			
12	Providing & fixing 100x12mm, with 25mm dia. wooden curtain rod and brackets including M.S flats 25x3x100mm and plugs etc. complete-MC	18.88	mtr			
13	Providing & fixing M.S tower bolt (barrel type) with necessary screws etc. complete (doors & windows)	46.00	each			
14	Providing & fixing M.S. sliding door bolt, bright finished, enamelled with necessary screws etc. complete -200mm -doors	6.00	each			
15	Providing & fixing M.S. handle with necessary screws etc. complete -75mm-doors & windows	30.00	each			
	FLOORING					
1	P/I cement concrete flooring 1:2:4, finished with floating coat of neat cement -20mm aggregates, 40mm thick	8.44	sqm			
2	Providing & fixing Mixed Conifer Flooring including fixing with iron screws etc. complete, excluding the cost of frame -25mm thick, half-lapped	70.96	sqm			
3	Providing & fixing Mixed Conifer Flooring including fixing with iron screws etc. complete, excluding the cost of frame -40mm thick, half-lapped	62.52	sqm			
	ROOFING					
1	Providing & fixing Corrugated Galvanised Iron (CGI) sheeting, including bolts, hooks and nuts 8mm dia. with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and trusses 24g	145.60	sqm			
2	Providing & fixing 600mm ridges or hips in plain G.I. including bolts, hooks and nuts 8mm dia G.I limpet and bitumen washers for connection	14.00	mtr			

PLUMBING					
1	Providing & fixing G.I & HDPE pipes including fittings & clamps & repair walls but excluding accessories	1.00	LS		
2	Providing & fixing Indian-type vitreous china w.c squatting pan, including 100 mm H.C.I P or S trap, 10 lit low level vitreous china cistern & fittings, repair walls -500mm white	1.00	each		
3	Providing & fixing Kitchen Sinks including all connections and fittings -Stainless steel, 1080 x 520 x 175 mm, single bowl & drain board-Kitchen	1.00	each		
4	Providing & fixing c.p. brass stop cock -15mm, standard c.p knob -Toilet & kitchen	2.00	each		
5	Providing & fixing c.p. brass pillar-cock -15mm, standard c.p knob Kitchen	1.00	each		
6	Providing & fixing c.p. brass bibcock-15mm, standard vertical c.p knob -Toilet	2.00	each		
7	Providing & fixing 450x120mm glass shelf, including c.p brass brackets fixed to wooden cleats	1.00	each		
8	Providing & fixing toilet paper holder-CP	1.00	each		
9	Providing & fixing P.V.C soil waste and vent pipes, single or double socketed, including pipe clip complete (excluding the cost of PVC fittings) -75mm	20.00	mtr		
10	Size 1200x1200x1200mm, filled with brick bats including 100mm SW drain pipe X 1200mm long	1.00	each		
11	Constructing Septic Tanks, in 2nd class brick masonry in cement mortar 1:4, including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design -15sqm	1.00	each		
PLASTERING					
1	Providing & laying cement plaster, finished with floating coat of neat cement-20mm plaster in C.M 1:4	42.63	sgm		
PAINTING					
1	P/A white washing on walls & ekra panel and Yutshon on woods works both external and internal complete	1.00	LS		
ELECTRIFICATIONS					
1	P/F basic lighting with minimum of 2 light point (LED Tube & LED bulb), 2 socket points in each rooms including wiring in surface PVC conduit, control switchies as per requirement with lockable main switch/control box, including UG cable , testing commissioning earthing etc complete	1.00	LS		
			Grand total Nu.:		

IN WORDS:

Signature & Seal of Firm

FORM OF BID

Notes on Form of Bid:

The Bidder shall fill in and submit this bid form with the Bid. If Bidders do not fill in the Contract Price and does not sign this Bid form, the bids will be rejected..

Dated:

To,
The Chairman,
Dzongkhag Tender Committee,
Dzongkhag Administration,
Bumthang.

We offer to execute the contract for construction of
“.....” in
accordance with the Conditions of Contract accompanying this Bid for the Contract Price of
Nu.....(in figure)
[Nu.....(in words)

The contract shall be paid in Ngultrums (Nu.)

This Bid and your written acceptance of it shall constitute a binding Contract between us.
We understand that you are not bound to accept the lowest or any Bid you receive.

We hereby confirm that this Bid complies with the Bid validity and Bid Security required by
the bidding documents and specified in the Bidding Data.

Signature of bidder:

Name of Bidder:

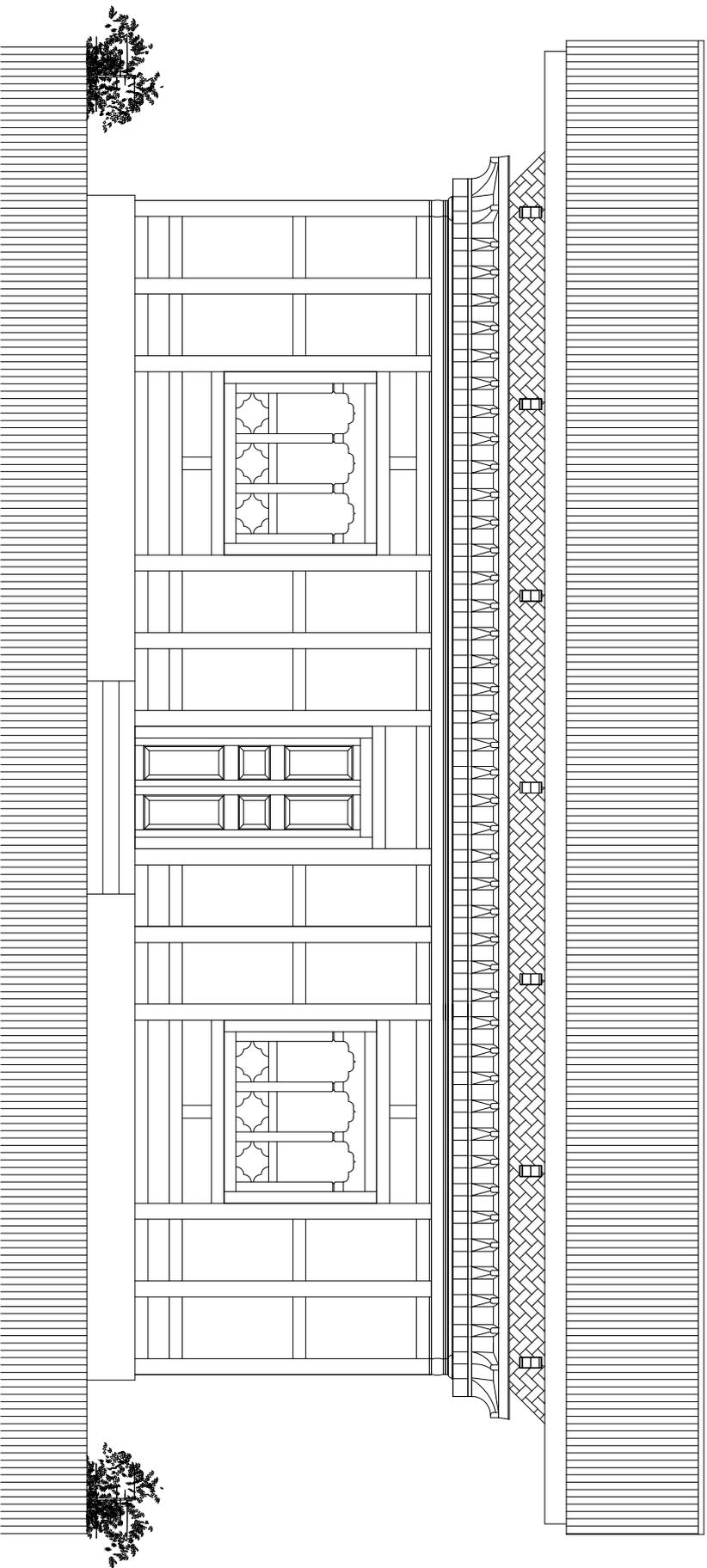
Name of Firm:

Contact No.:

Affix Legal
Stamp &
Signature

**Proposed construction of Ekra framed single unit
Caretaker Quarter at Dungmethang Zangdhopelri,
Bebzur, Tang Gewog, Bumthang**

(CONCEPTUAL DESIGN DRAWINGS)



VIEW - 1



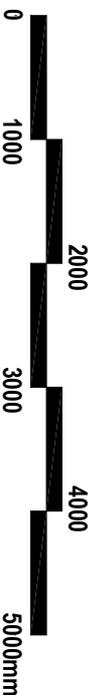
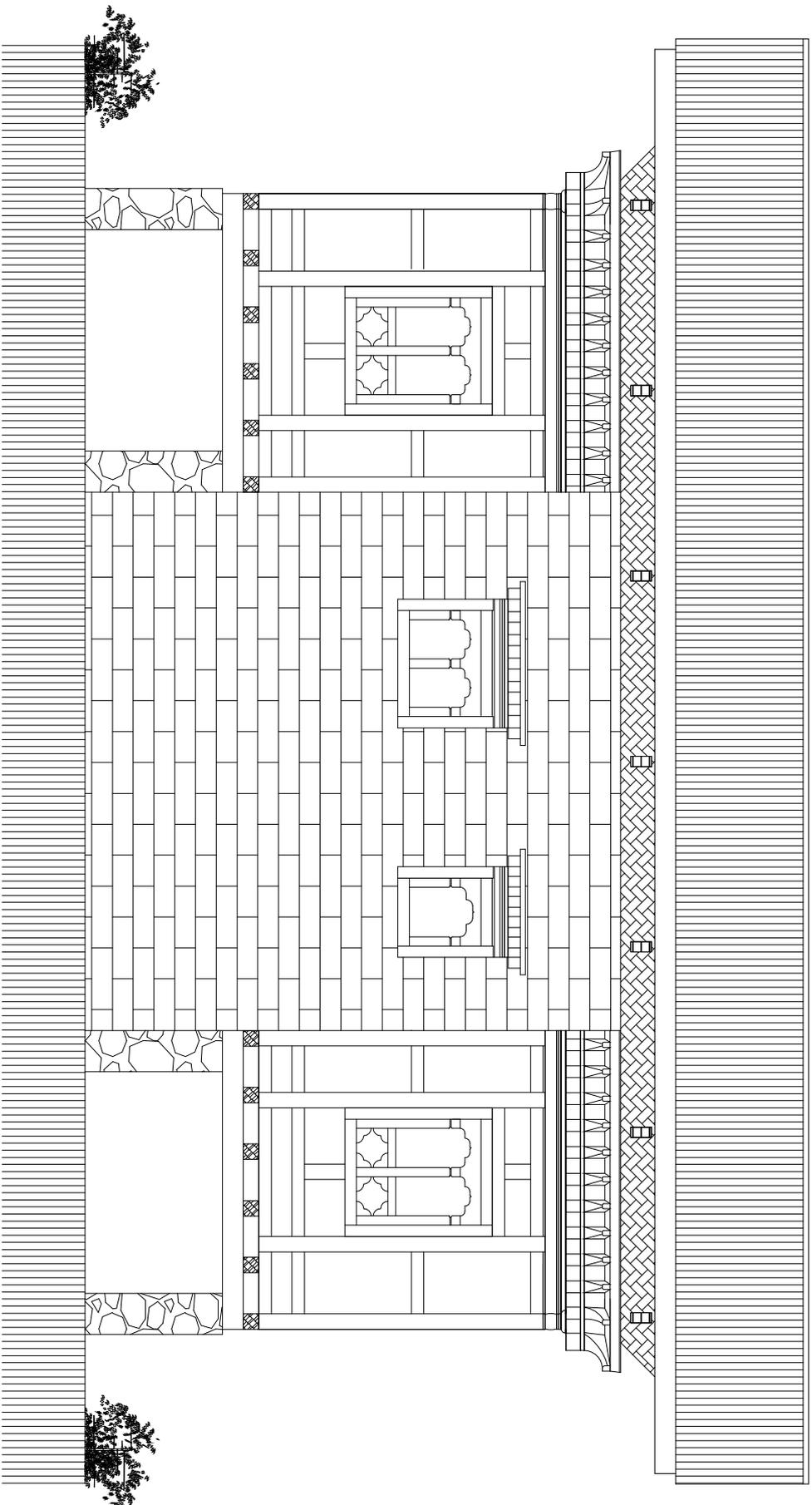
**PROPOSED EKRA FRAMED SINGLE UNIT CARE TAKER QTR
AT DUNGMEETHAONG ZANGTHOPELRI
BEBZUR, TANG GEOWG, BUMTHANG**

NOTES:
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE
 - ALL DIMENSIONS MEASURE UNFINISHED SURFACES UNLESS SPECIFIED OTHERWISE
 - ALL DIMENSIONS ARE TO BE READ AND NOT SCALED OFF
 - ANY DISCREPANCY IN DRAWING IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE CONSULTANTS/SUPERVISION TEAM

SIGNATURE				
DESIGN:	DRAWN:	CHECKED:	OWNER:-	

TITLE:	Architectural Drawings
SUB TITLE:	
	Elevation-1

Drg. No
AR-01



VIEW - 3

**PROPOSED EKRA FRAMED SINGLE UNIT CARE TAKER QTR
AT DUNGMEHAONG ZANGHOPELRI
BEBZUR, TANG GEOWG, BUMTHANG**

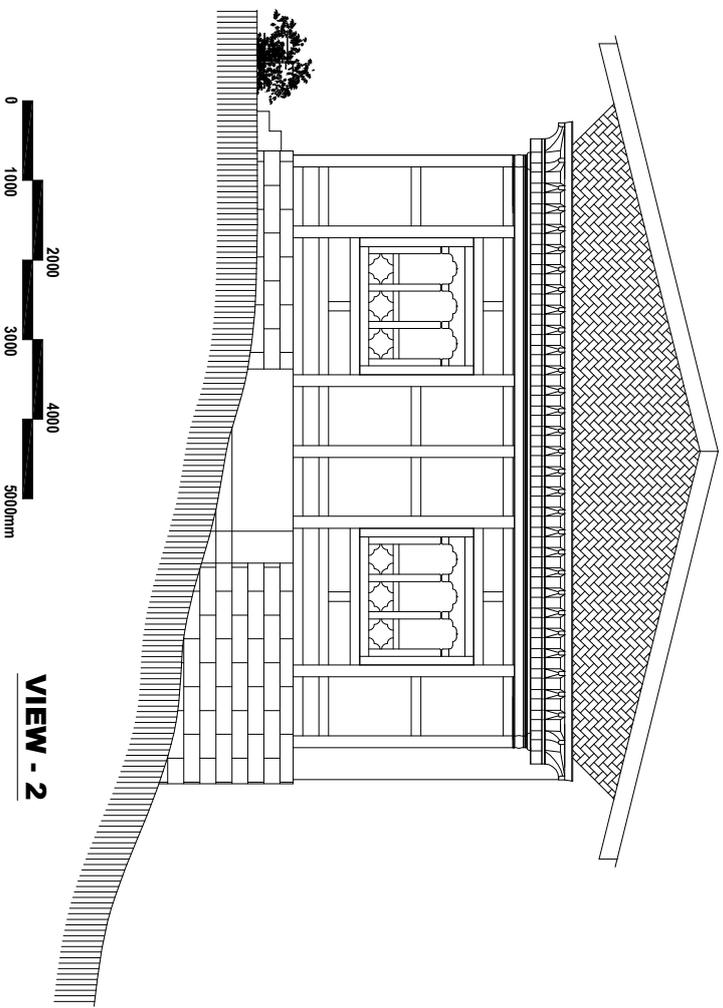
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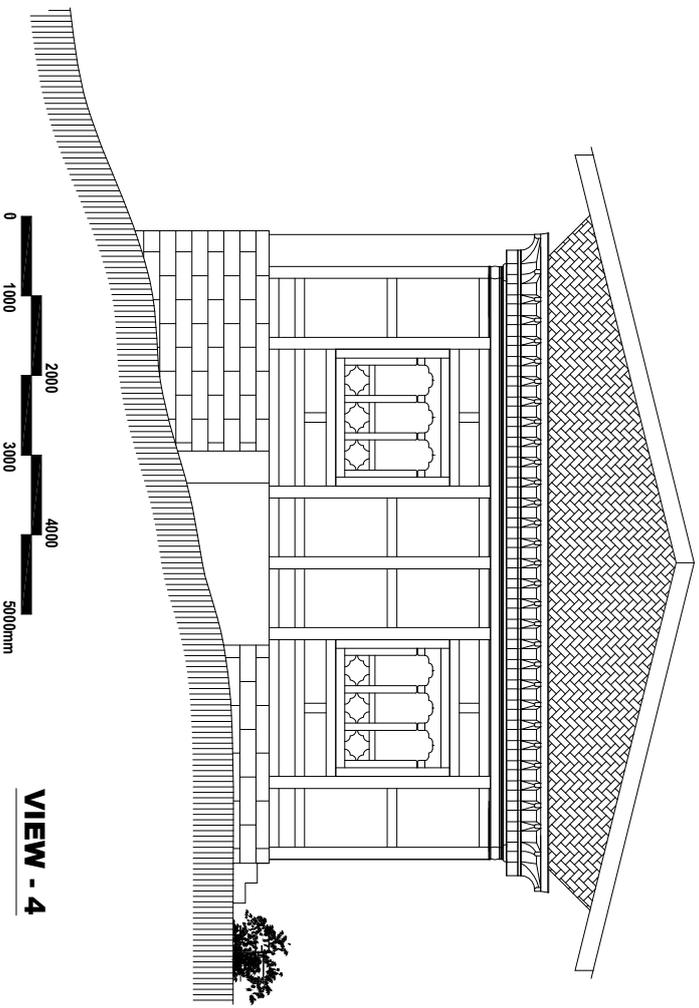
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TITLE:
Architectural Drawings
SUB TITLE:
Elevation-3

Drg. No
AR-01



VIEW - 2



VIEW - 4

**PROPOSED EKRA FRAMED SINGLE UNIT CARE TAKER QTR
AT DUNGMEHTAONG ZANGTHOPELRI
BEBZUR, TANG GEOWG, BUMTHANG**

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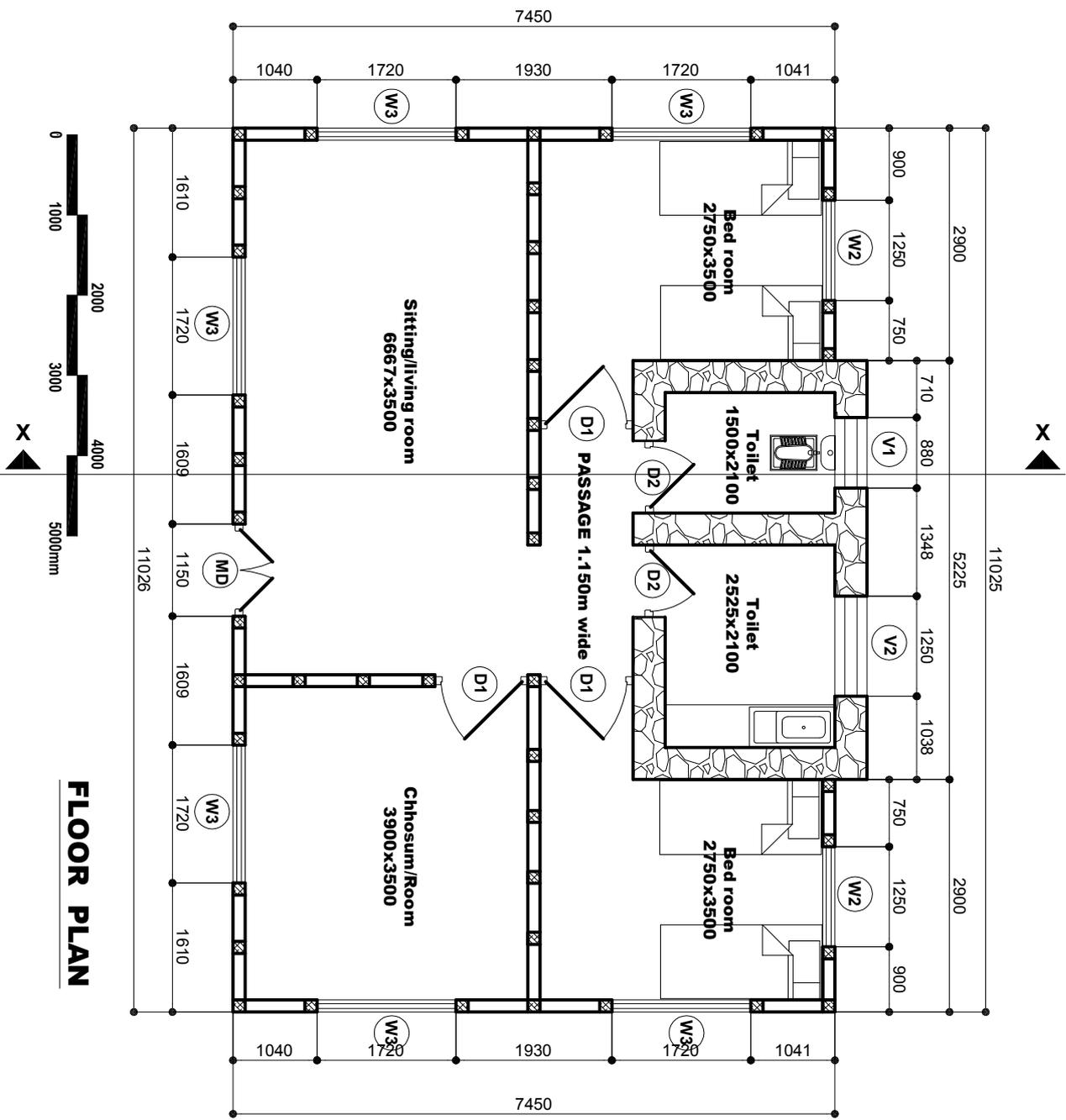
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TITLE:
Architectural Drawings

SUB TITLE:
Elevation-2 & 3

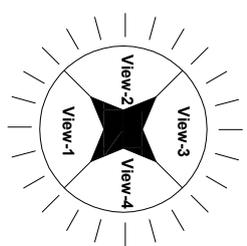
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AR-01



FLOOR PLAN

LEGEND:

- RRM WALL
- TIMBER FRAMED

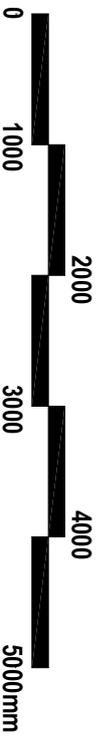
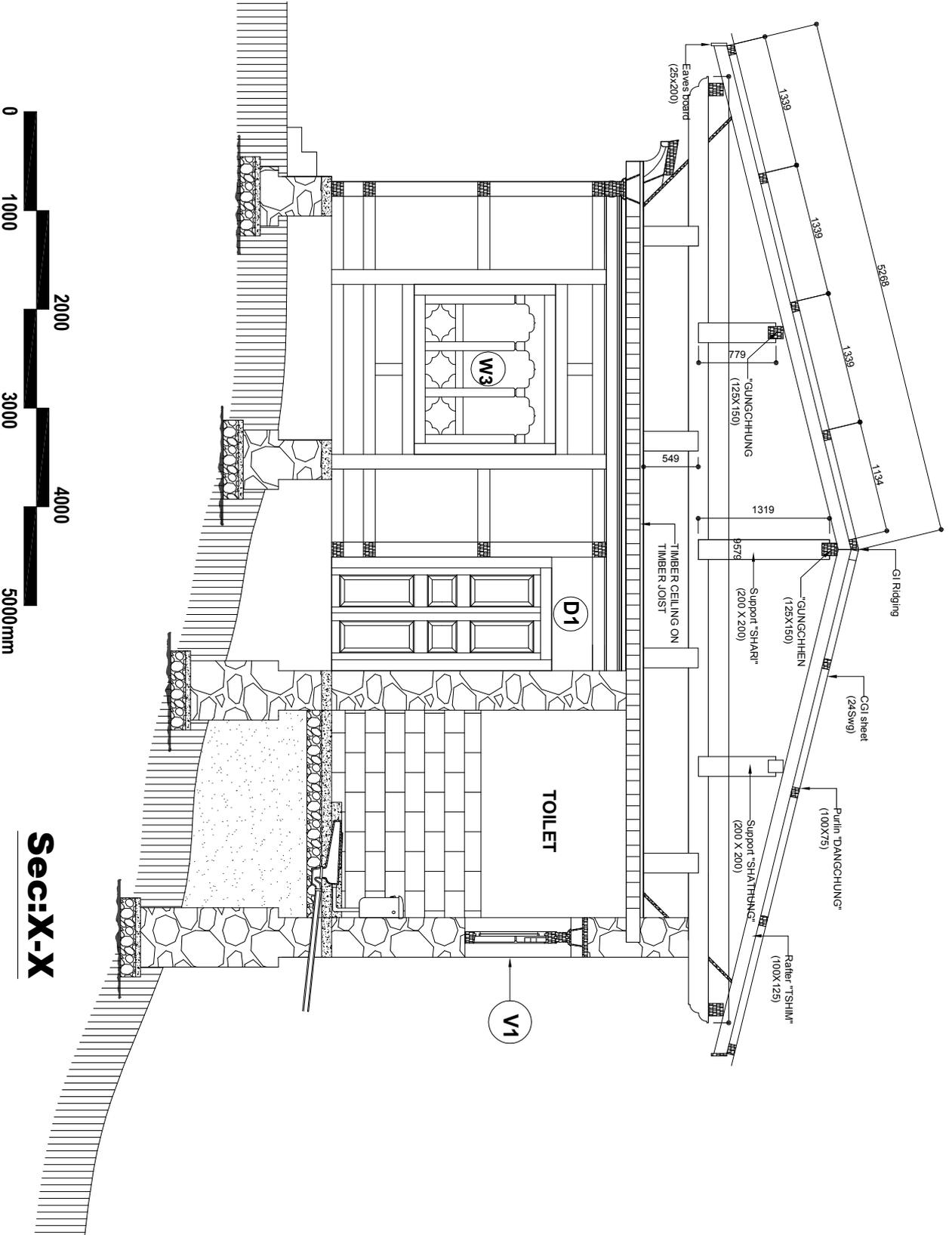


PROPOSED EKRA FRAMED SINGLE UNIT CARE TAKER QTR
AT DUNGMEHTHAONG ZANGTHOPELRI
BEZUR, TANG GEOWG, BUNTTHANG

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SIGNATURE	DESIGN:-	DRAWN:-	CHECKED:-	OWNER:-

TITLE: Architectural Drawings
SUB TITLE: Floor Plan
Drg. No AR-0'



Sec-X-X

**PROPOSED EKRA FRAMED SINGLE UNIT CARE TAKER QTR
AT DUNGMEHTHAONG ZANGTHOPELRI
BEBZUR, TANG GEOWG, BUNTTHANG**

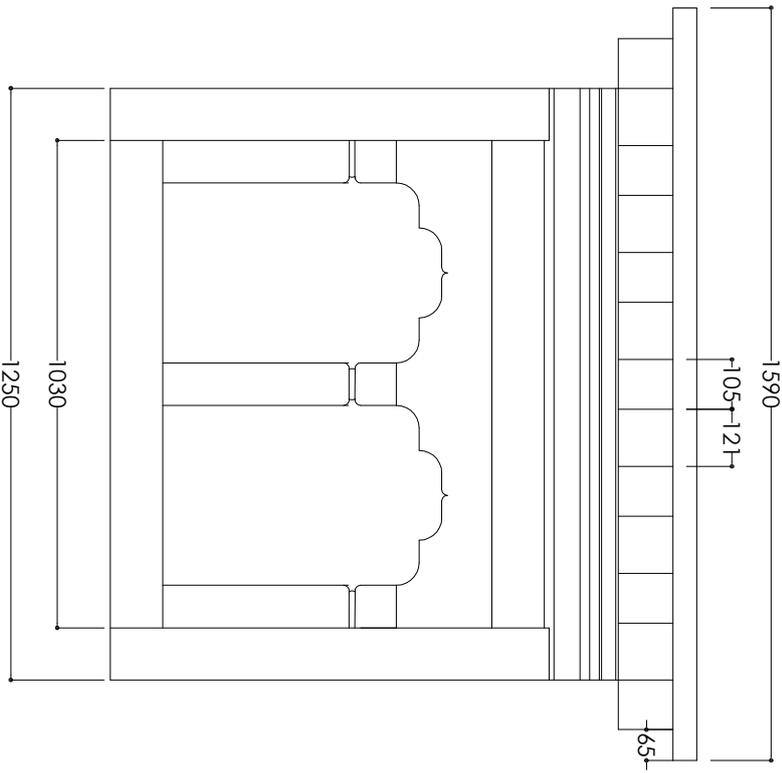
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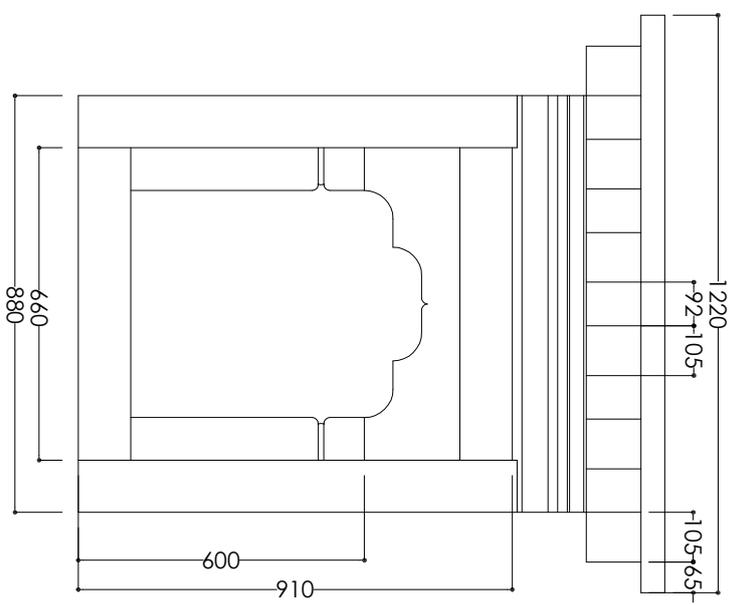
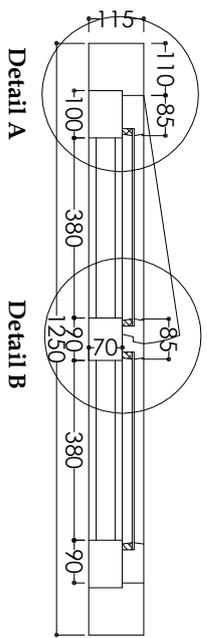
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SUB TITLE:
Section- X-X

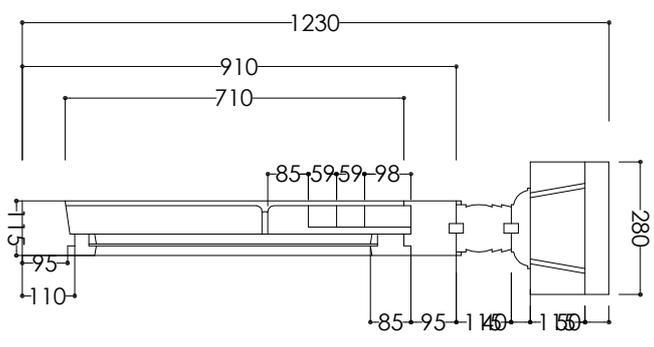
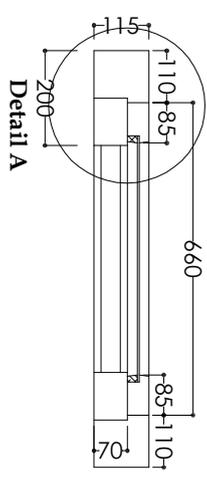
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AR-01



V2



V1



PROPOSED EKRA FRAMED SINGLE UNIT CARE TAKER QTR

**AT DUNGMEHTHAONG ZANGTHOPELRI
BEBZUR, TANG GEOWG, BUNTTHANG**

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TITLE:

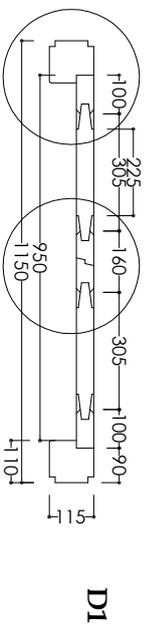
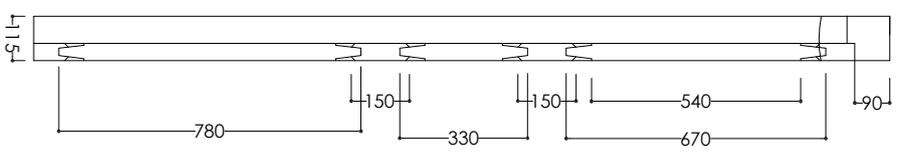
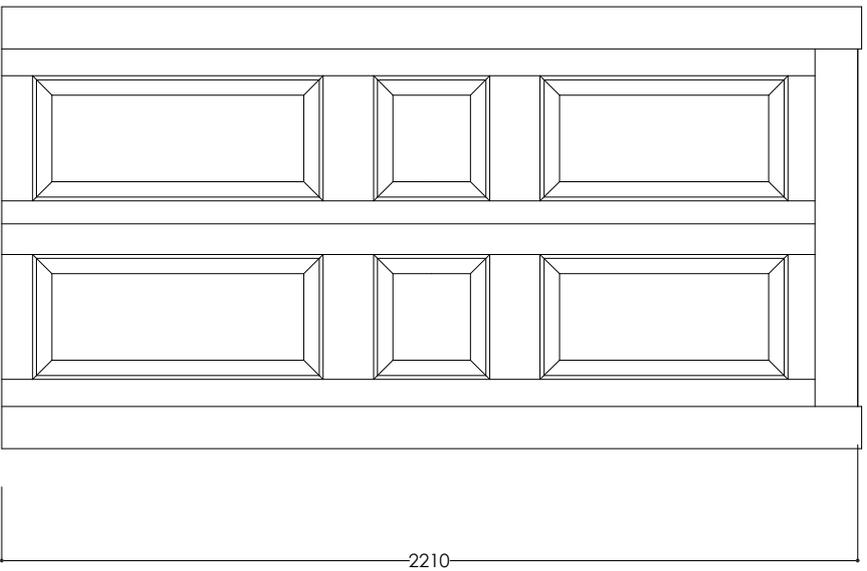
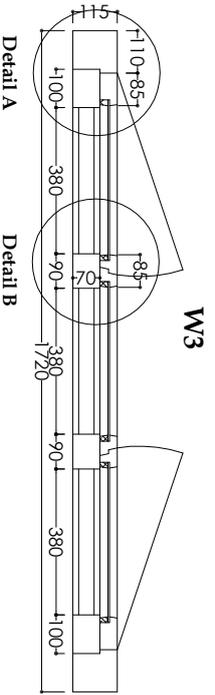
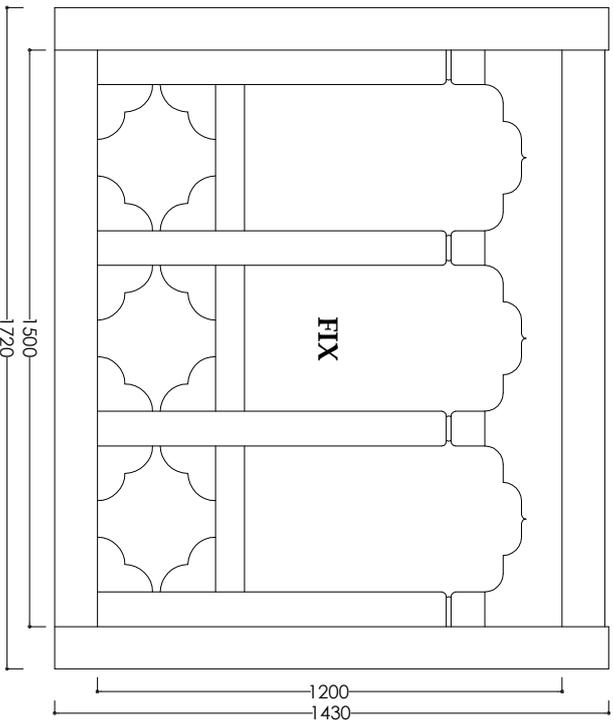
Architectural Drawings

SUB TITLE:

Window-V1&V2

Drg. No

AR-01



PROPOSED EKRA FRAMED SINGLE UNIT CARE TAKER QTR
AT DUNGMEHTHAONG ZANGTHOPELRI
BEHZUR, TANG GEOWG, BUMTHANG

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SIGNATURE

DESIGN:	DRAWN:	CHECKED:	OWNER:

TITLE:
Architectural Drawings
SUB TITLE:
Window W3 & Door

Drg. No
AR-0'