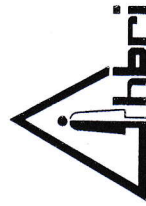


Architectural Design for
CYCLONE RESILIENT MODEL HOUSE
at Ashashuni and Shyamnagar of Satkhira
Mongla, Bagerhat & Kolapara, Potuakhali.

Date : Aug-2021

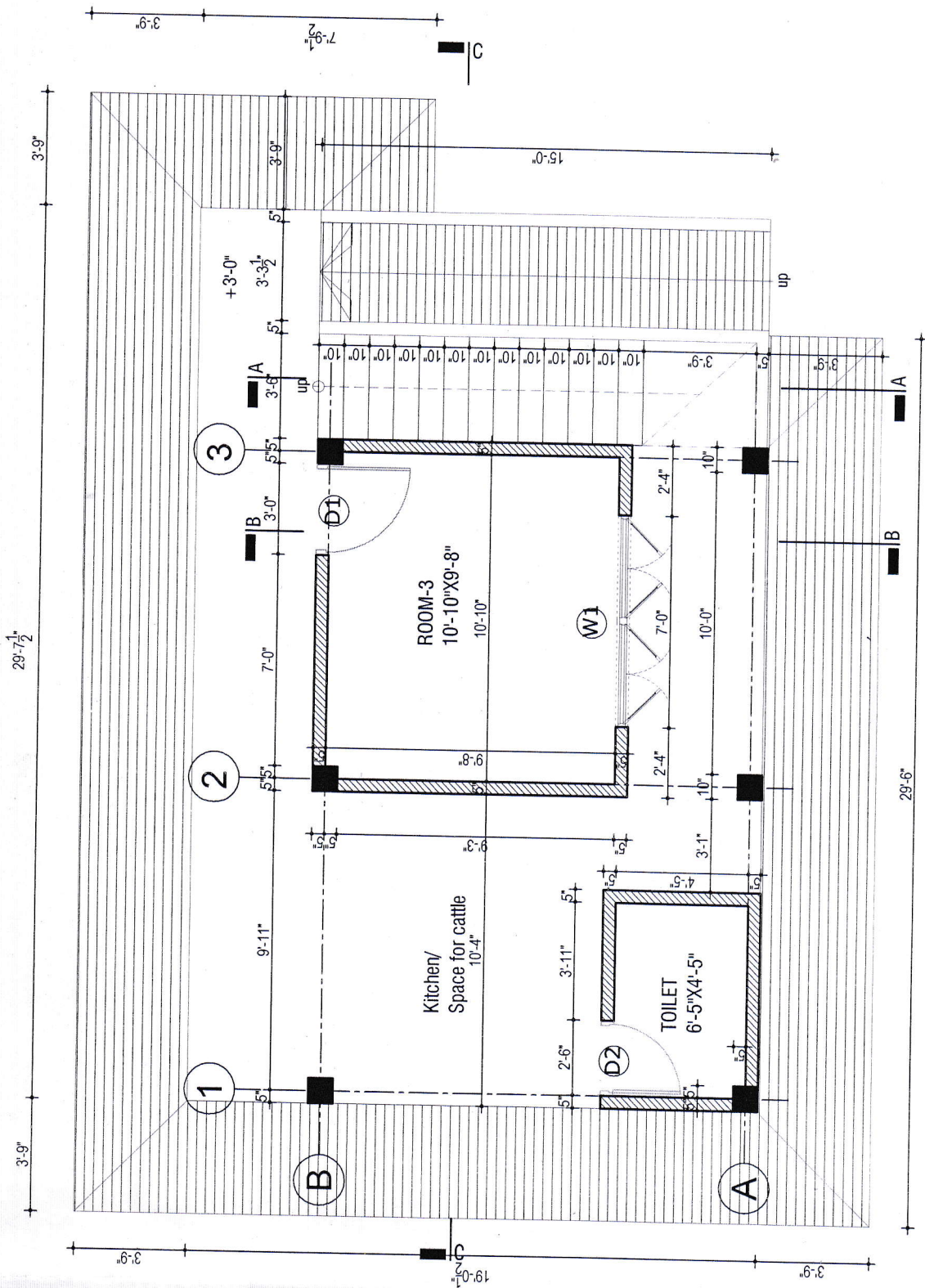


HOUSING AND BUILDING RESEARCH INSTITUTE

Ministry of Housing & Public Works
120/3, Darus-Salam, Mirpur, Dhaka-1216.

IN COLLABORATION WITH:





Ground floor plan

Not to scale

SCHEDULE OF DOOR (Ground Floor)

DOOR	WIDTH	HEIGHT
D1	3'-0"	7'-0"
D2	2'-6"	7'-0"

SCHEDULE OF WINDOW (Ground Floor)

WINDOW	WIDTH	HEIGHT
W1	7'-0"	6'-0"

Project:

Architectural Design for 02 (Two) Storied
Cyclone Resilient Model House.

Consultant:

Housing and Building Research Institute
Ministry of Housing & Public Works
120/3 Darus-salam, Mirpur, Dhaka-1216.

Drawing Title :

Ground Floor Plan

Drawn By:

Siddik
Md. Saiful Islam
Research Associate

Md. Mukta
Md. Mukta Abedin
Assistant Architect

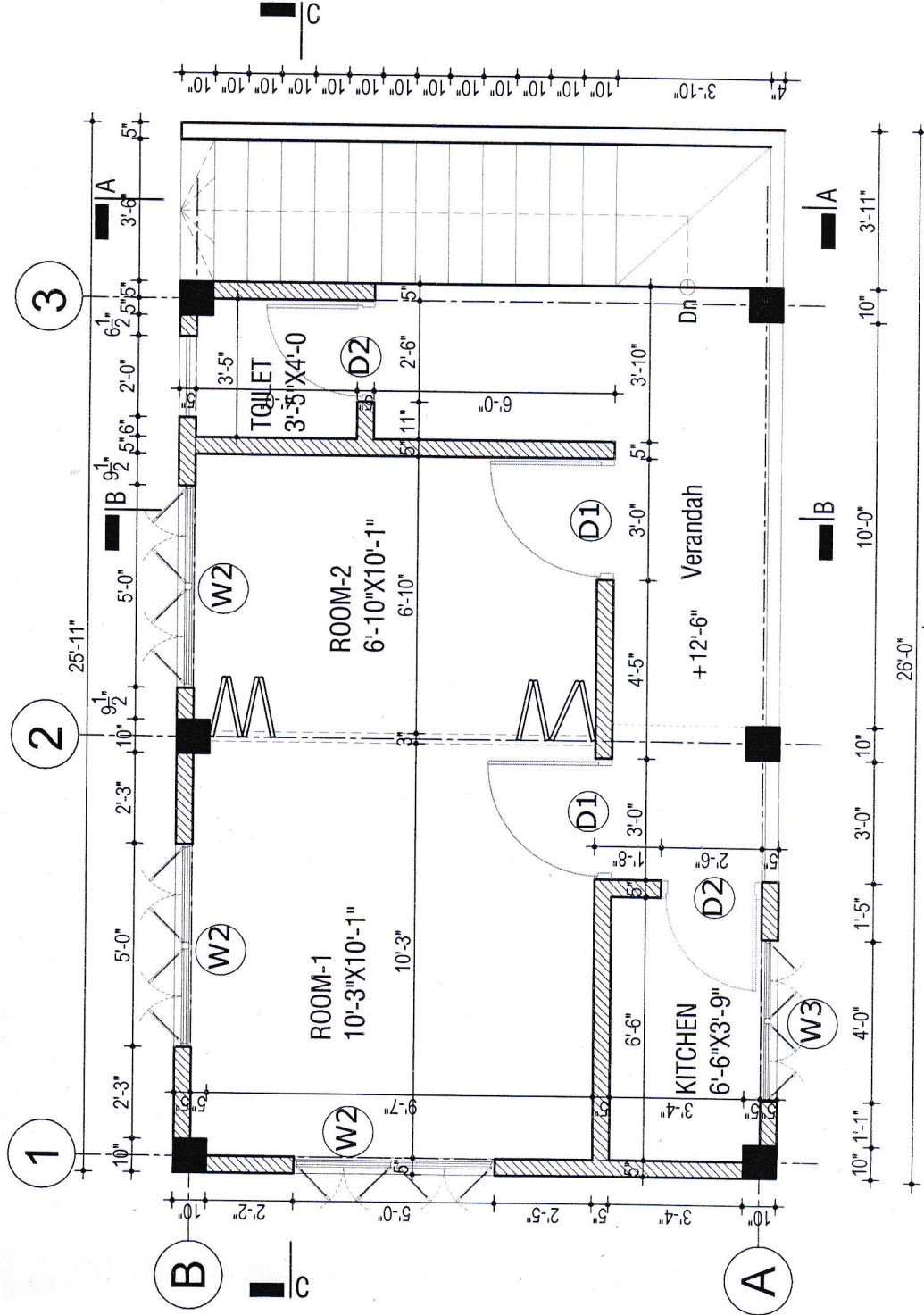
Nahid Drisy
Nahid Drisy
Research Architect

Monjur Parvez
Monjur Parvez
Research Architect

Md. Naifur Rahman
Md. Naifur Rahman
Senior Research Architect



Drawing no: A-01



SCHEDULE OF DOOR (1st Floor)

DOOR	WIDTH	HEIGHT
D1	3'-0"	7'-0"
D2	2'-6"	7'-0"

SCHEDULE OF WINDOW (1st Floor)

WINDOW	WIDTH	HEIGHT
W2	5'-0"	4'-6"
W3	4'-0"	4'-6"

1st floor plan

Not to scale

Project:

Architectural Design for 02 (Two) Storied
Cyclone Resilient Model House.

Consultant:

Housing and Building Research Institute
Ministry of Housing & Public Works
120/3 Darus-salam, Mirpur, Dhaka-1216.

Drawing Title :

1st Floor Plan

Drawn By

Sadul
Md. Safiul Islam
Research Associate

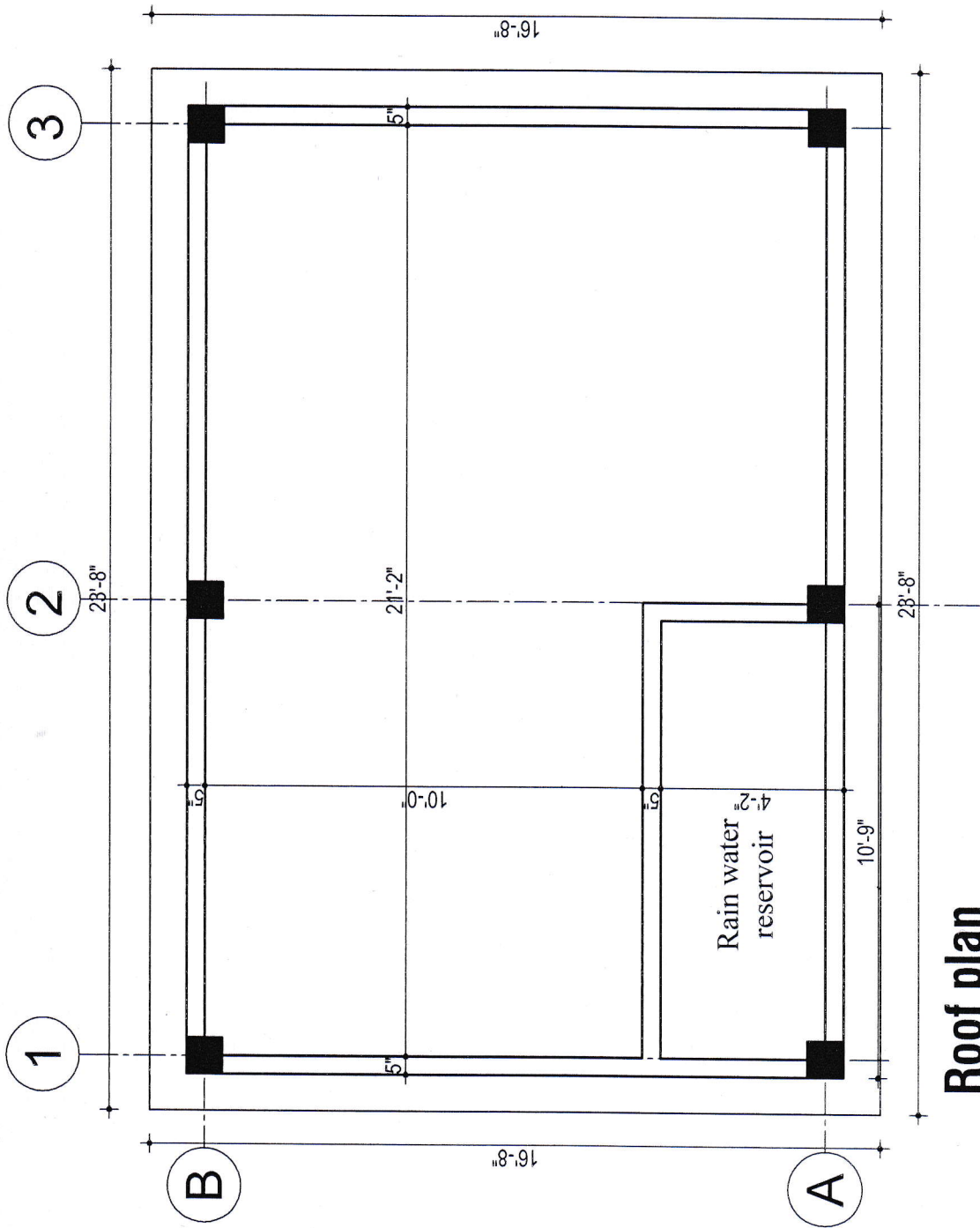
Md. Mukadir Abedin
Md. Mukadir Abedin
Assistant Architect

Nahid Dristy
Nahid Dristy
Research Architect

Murru Parvez
Murru Parvez
Research Architect



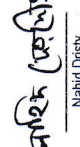



Md. Nafizur Rahman
Md. Nafizur Rahman
Senior Research Architect

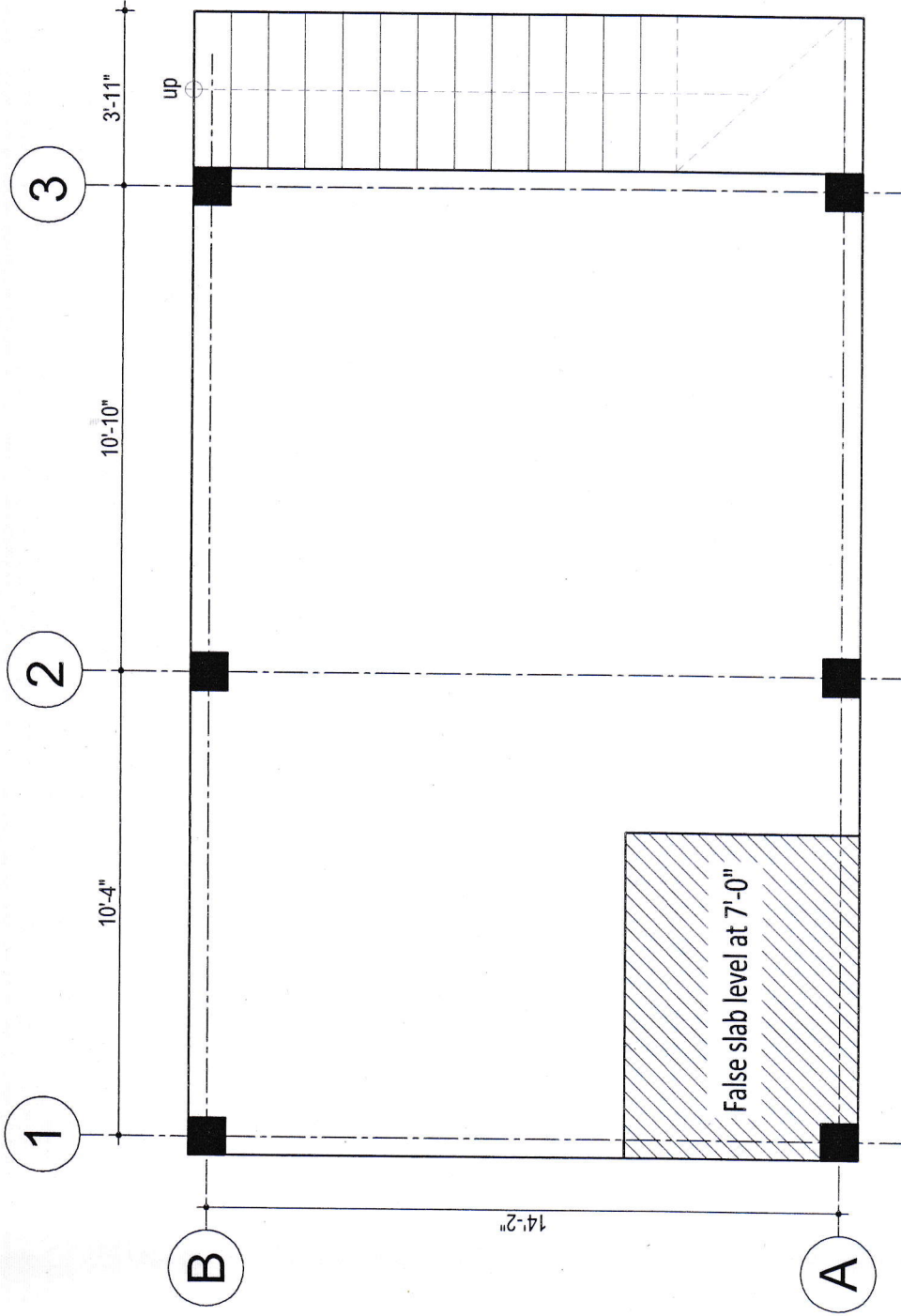
Architect
Drawing no: A-02



Roof plan

Not to scale

Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Roof Plan	Drawn By:  Md Saiful Islam Research Associate	 Md Mukladir Abedin Assistant Architect	 Nahid Dristy Research Architect	 Monjur Parvez Research Architect	 Md Nafizur Rahman Senior Research Architect	 Drawing no: A-03
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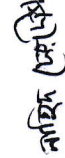





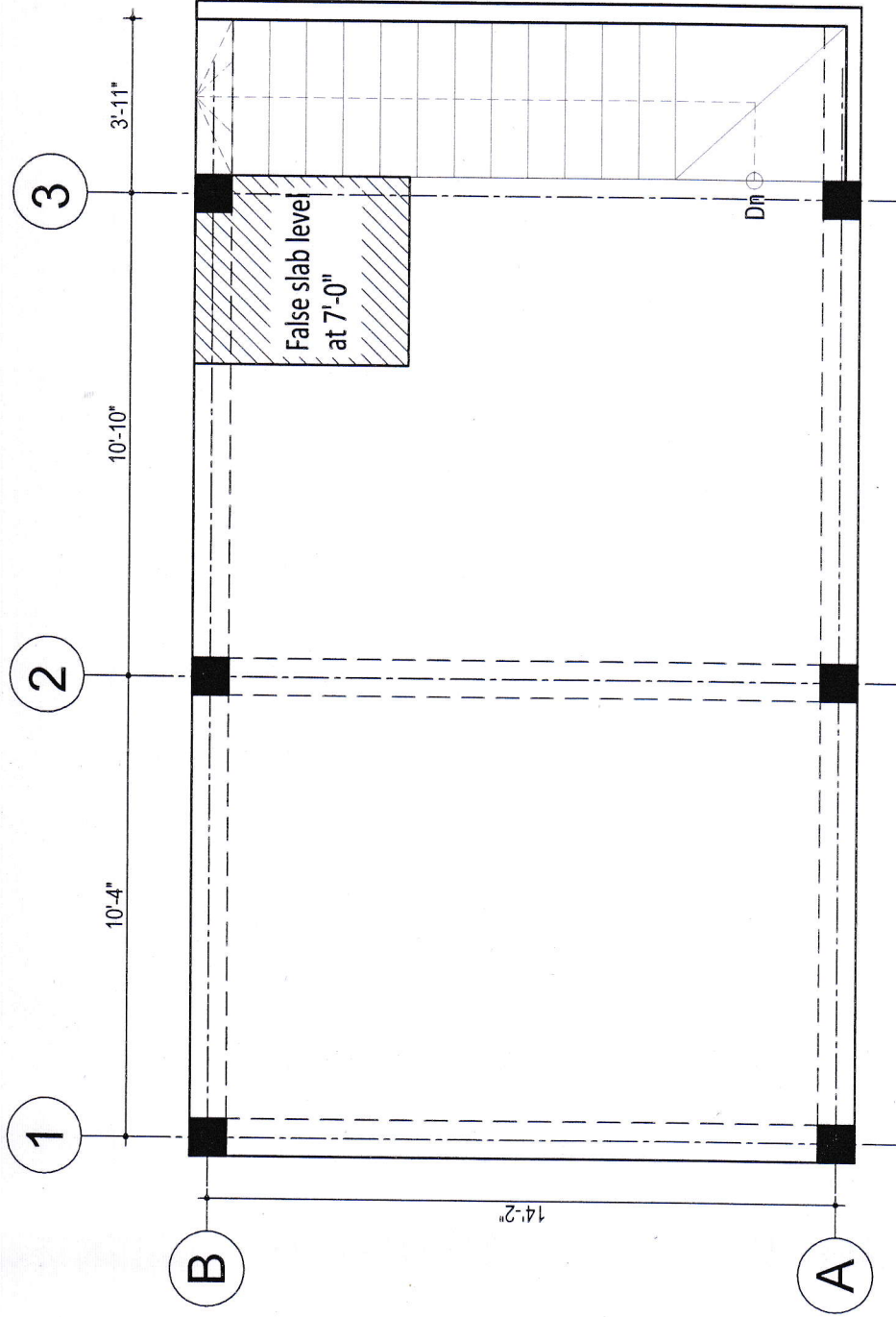
** FALSE SLAB BOTTOM LEVEL :
+7'-0" FROM FLOOR FINISH LEVEL





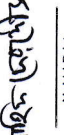



Ground floor plinth layout

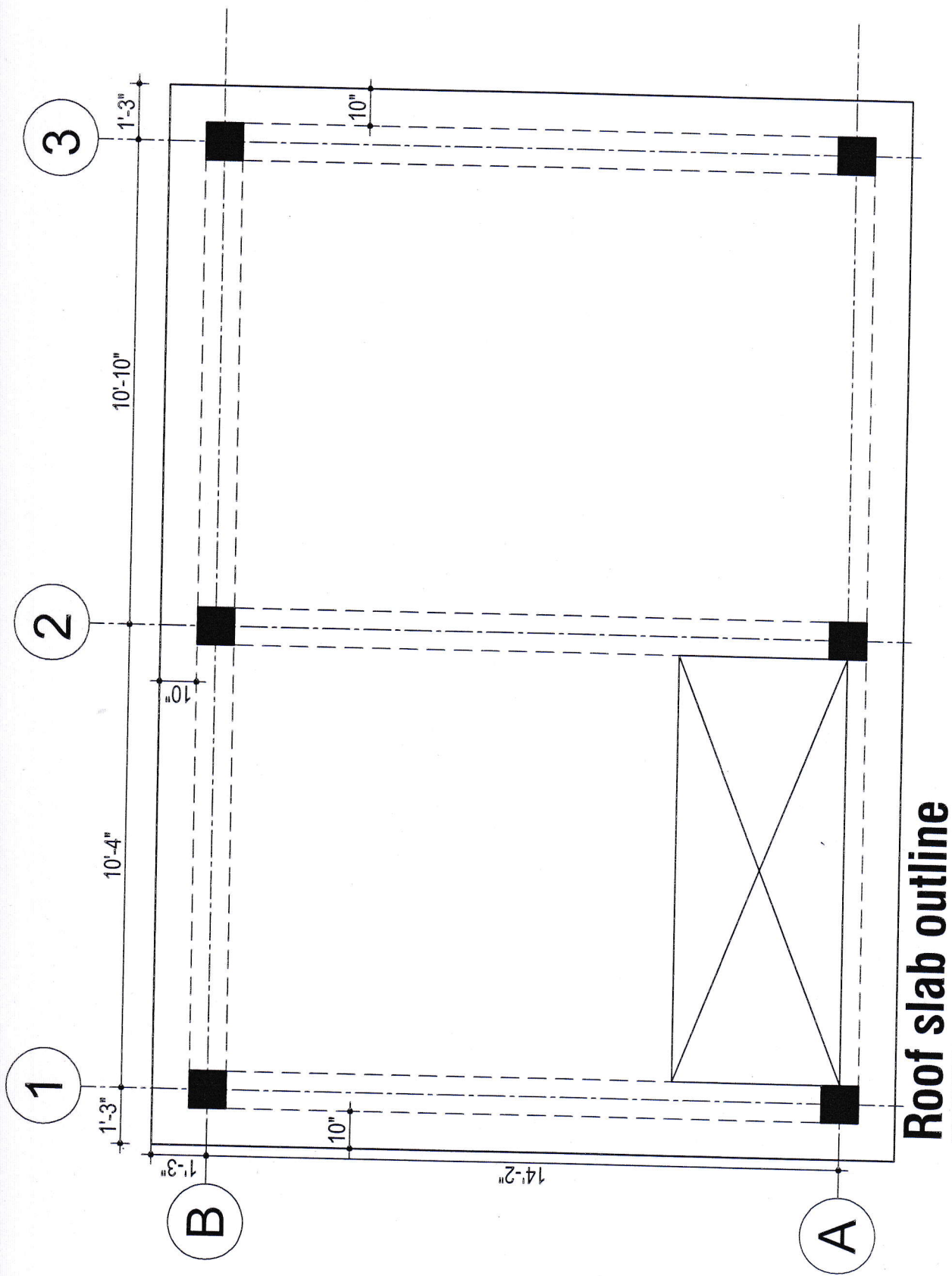
Not to scale

Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Ground floor plinth layout	Drawn By:  Md. Safiul Islam Research Associate	 Md. Mukladir Abedin Assistant Architect	 Nahid Drisy Research Architect	 Mohjur Pavez Research Architect	 Md. Nalizur Rahman Senior Research Architect	 Drawing no: A-04
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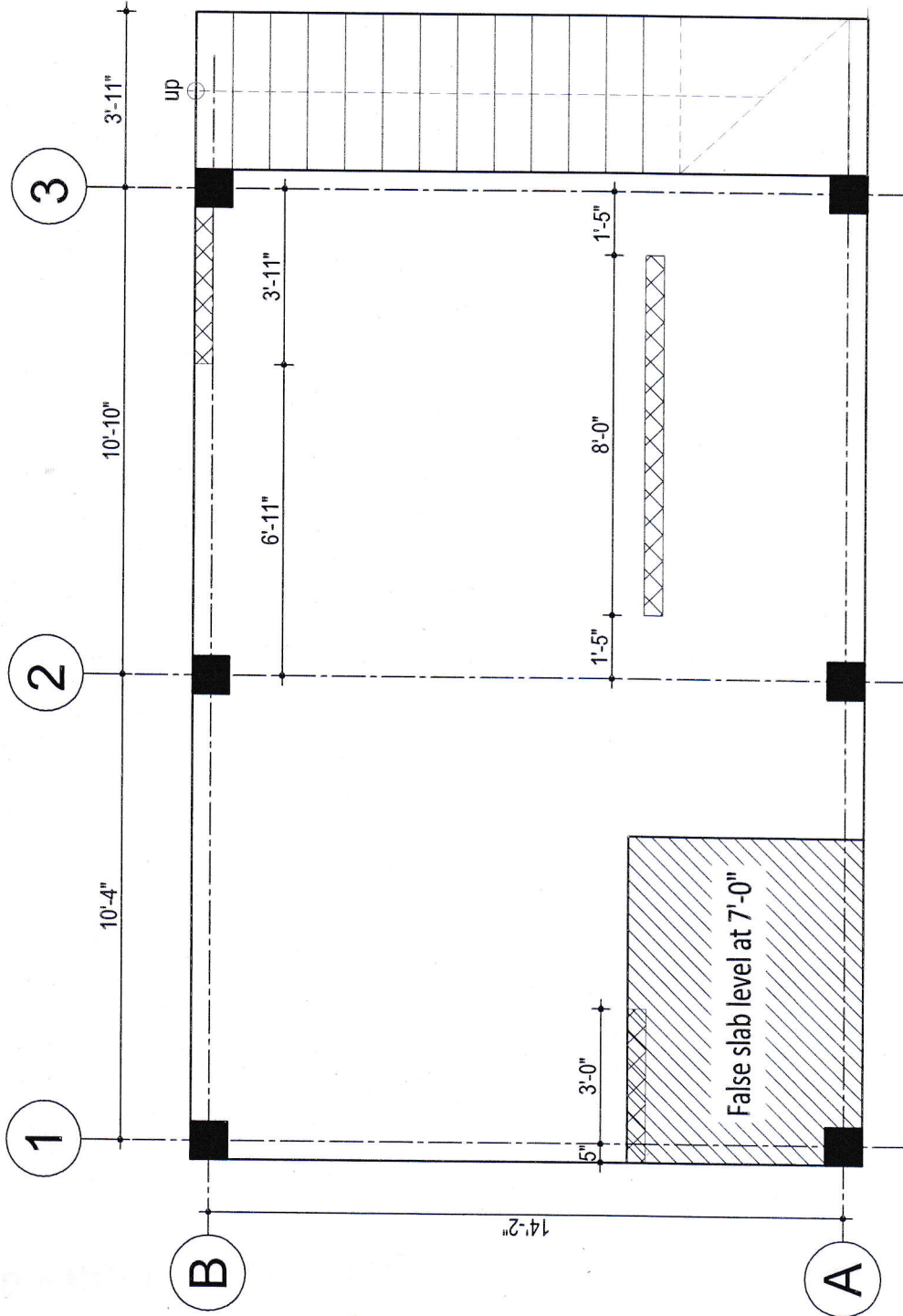
1st floor slab outline

Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : 1st floor slab outline	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktaadir Abedin Assistant Architect	 Nahid Drisly Research Architect	 Molliur Parwez Research Architect	 Md. Naifur Rahman Senior Research Architect	 Drawing no: A-05
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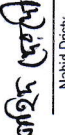


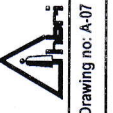
Roof slab outline

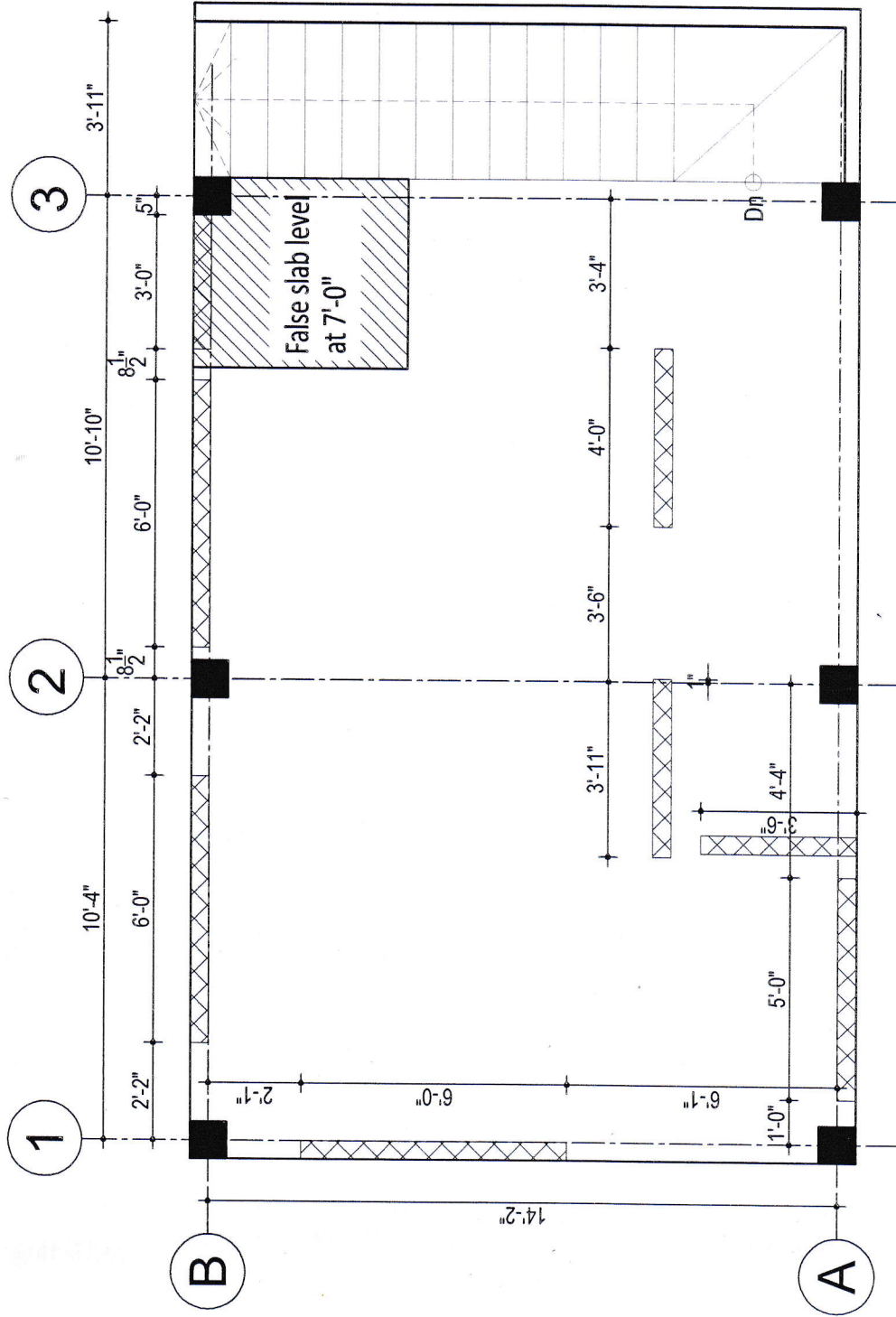
Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Roof slab outline	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktafir Abedin Assistant Architect	 Nahid Dristy Research Architect	 Monjur Parvez Research Architect	 Md. Nazim Rahman Senior Research Architect	 Drawing no: A-06
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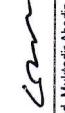
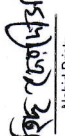
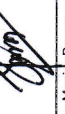


Ground floor lintel & false slab layout

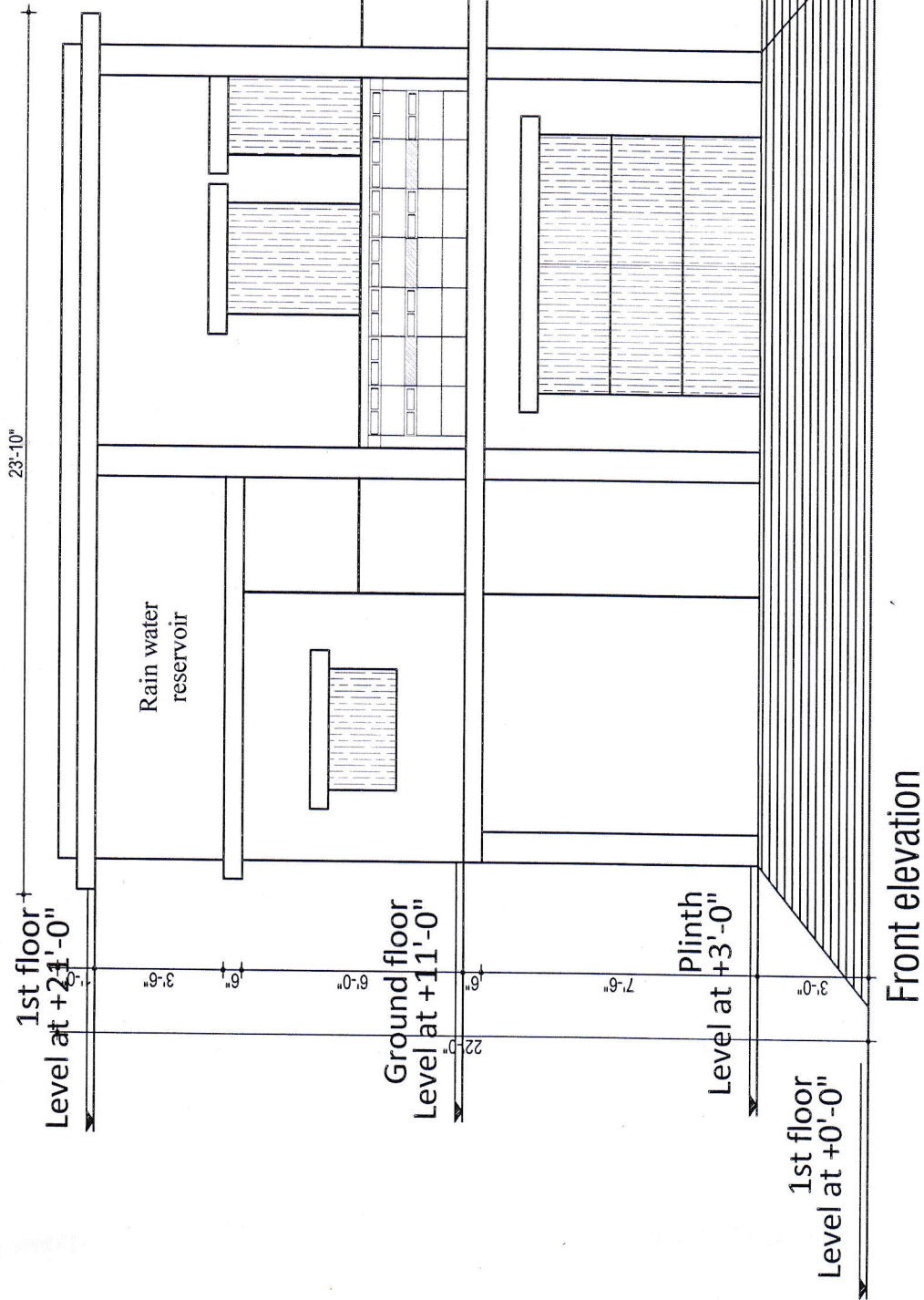
Not to scale


Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Ground floor lintel & false slab layout	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktafir Abedin Assistant Architect	 Nahid Drisy Research Architect	 Monjur Parvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-07
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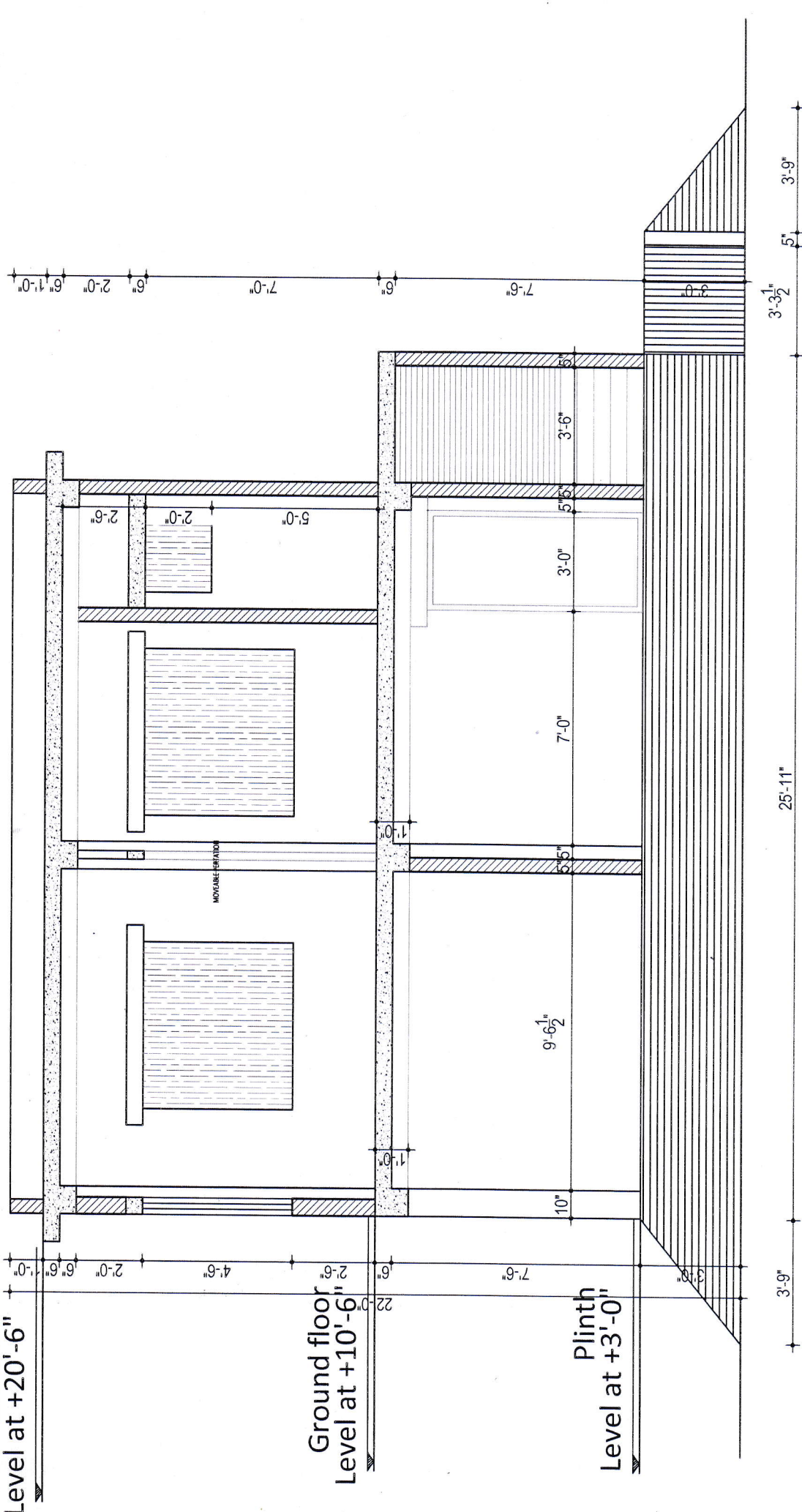


1st floor lintel & false slab layout

Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : 1st floor lintel & false slab layout	Drawn By:  Md. Saiful Islam Research Associate	 Md. Mukladir Abedin Assistant Architect	 Nahid Drisy Research Architect	 Monjur Parvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-08
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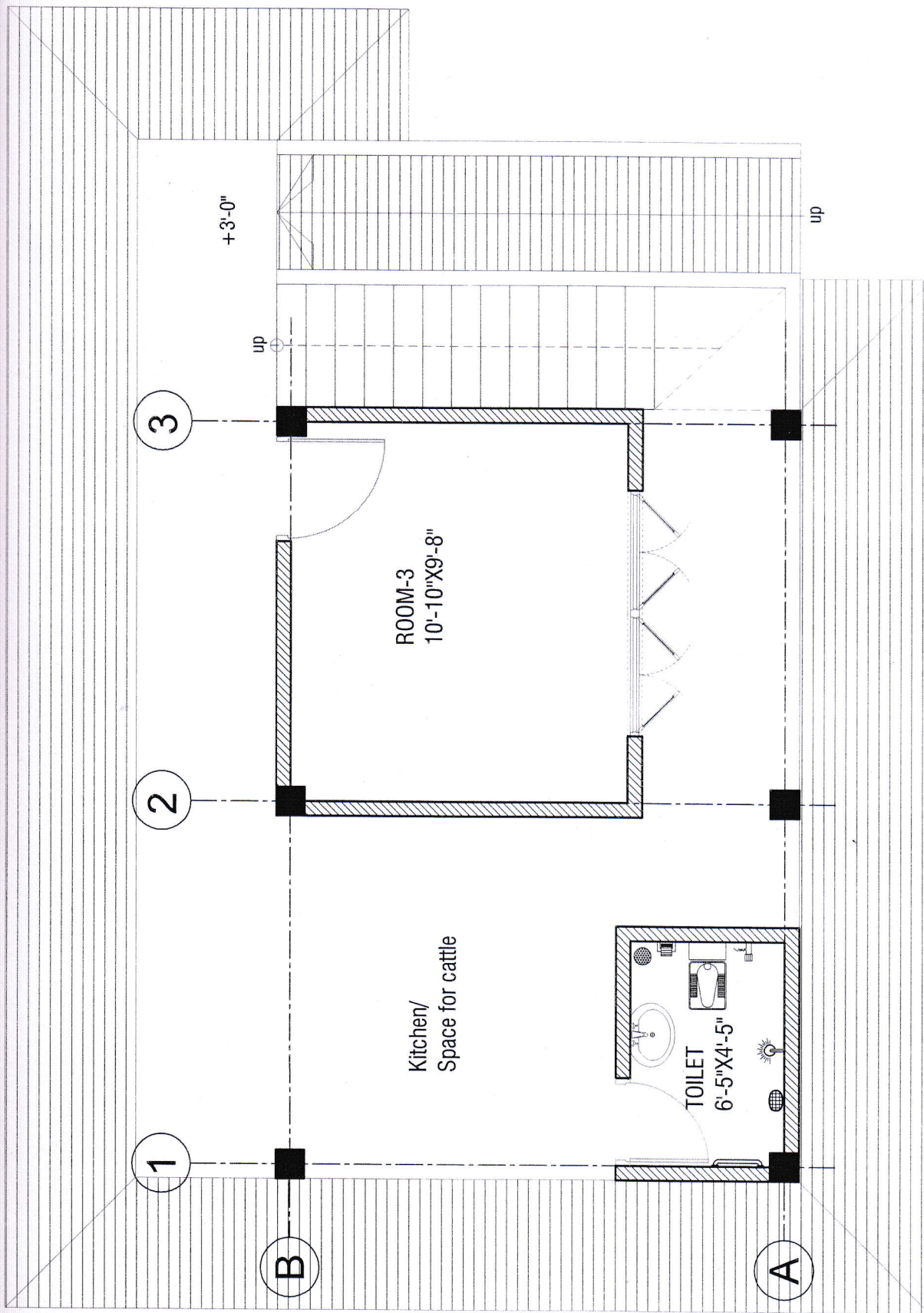


Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Front Elevation	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktaf Abdin Assistant Architect	 Nahid Drisy Research Architect	 Monjur Parvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-09
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Section C-C

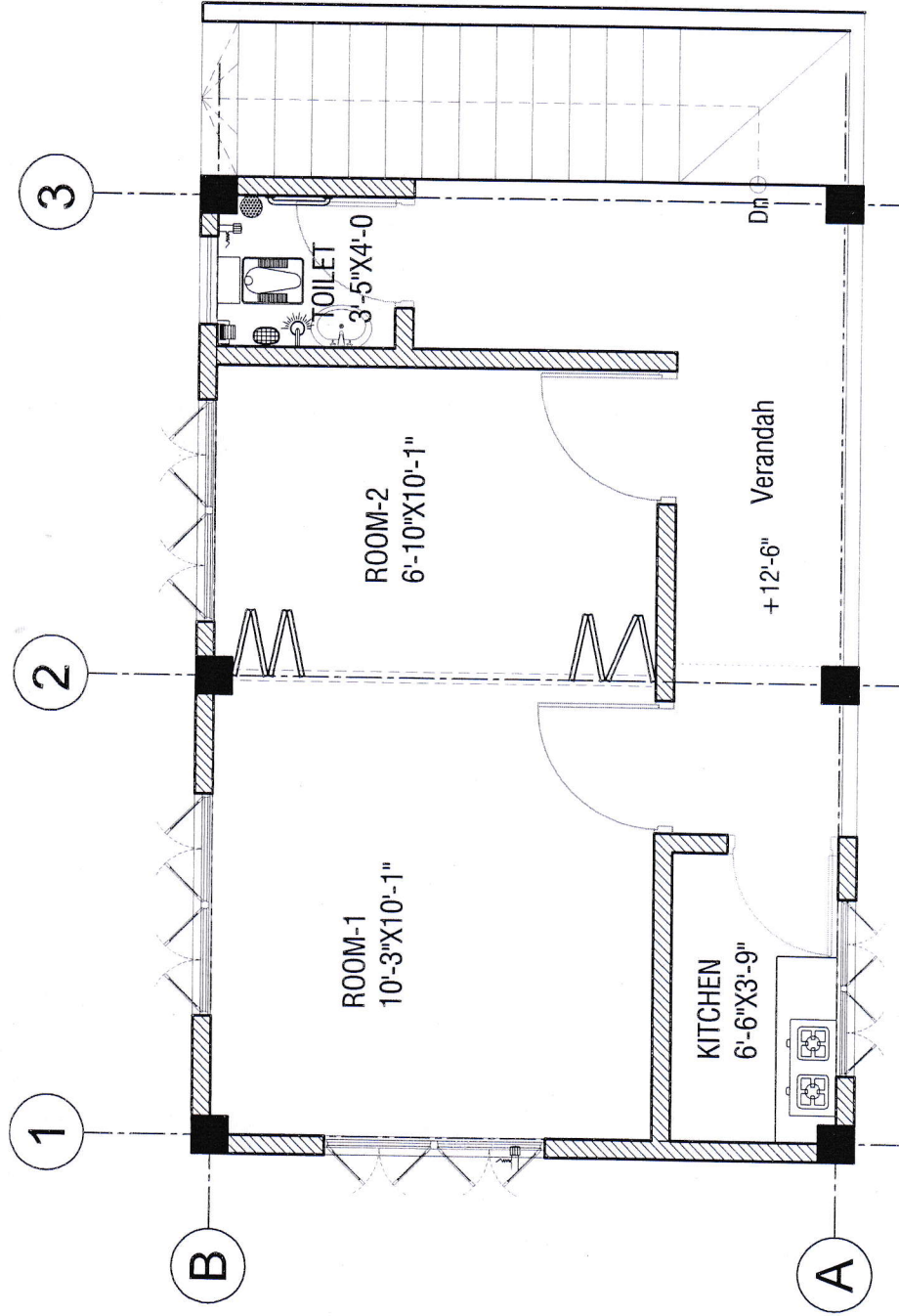
Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Section C-C	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktaadir Abedin Assistant Architect	 Nahid Drisy Research Architect	 Monjur Parvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-13
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Ground floor plan

Toilet Fixture Plan

Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darius-salam, Mirpur, Dhaka-1216.	Drawing Title : Ground floor plan with toilet fixture plan	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktaadr Abedin Assistant Architect	 Nahid Dristy Research Architect	 Monjur Parvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-14
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1st floor plan

Kitchen & Toilet Fixture Plan

Project:

Architectural Design for 02 (Two) Storied
Cyclone Resilient Model House.

Consultant:

Housing and Building Research Institute
Ministry of Housing & Public Works
120/3 Darus-salam, Mirpur, Dhaka-1216.

Drawing Title :

1st floor plan
with toilet & kitchen fixture plan

Drawn By:

Saidul
Md. Saiful Islam
Research Associate

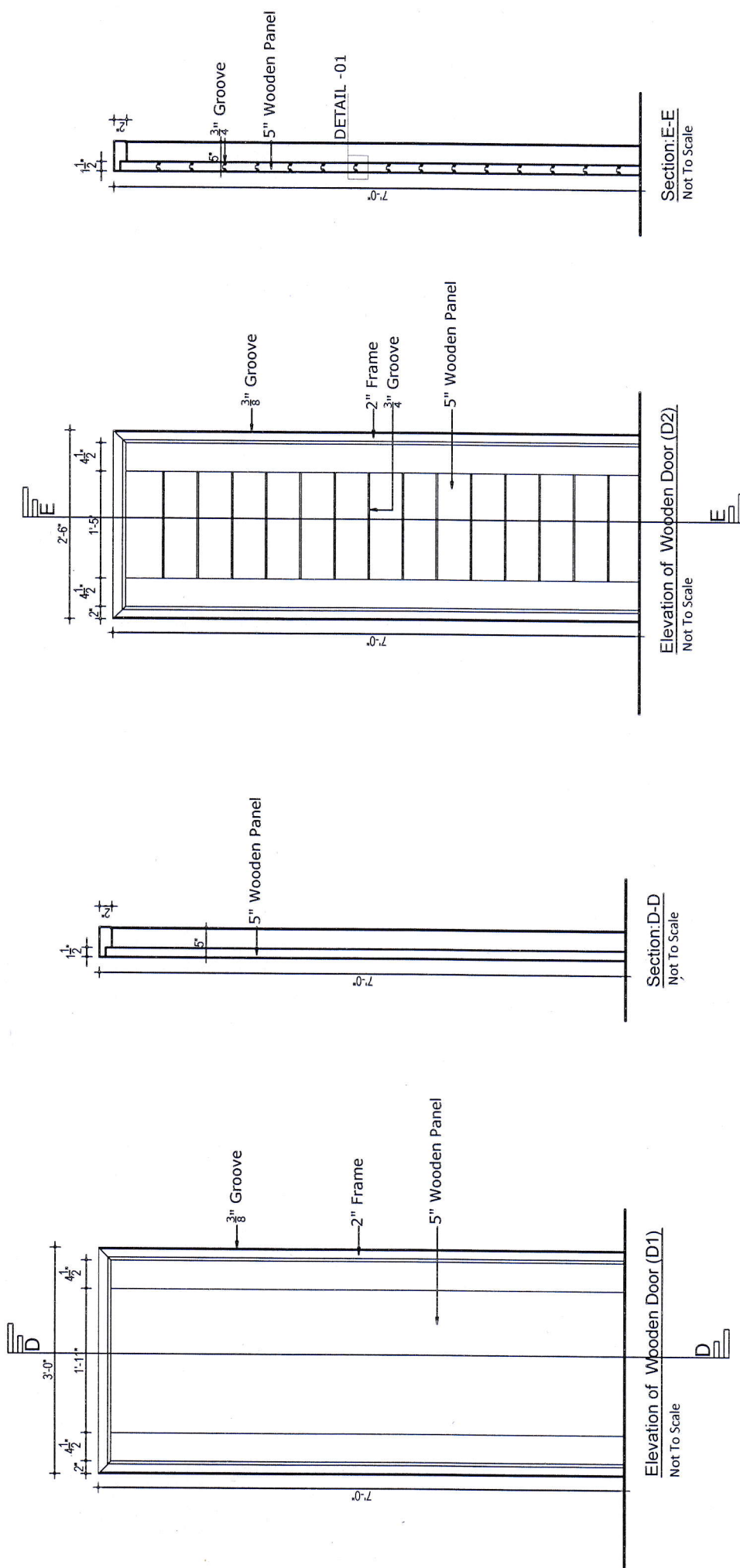
Md. Muktaadir
Md. Muktaadir Abedin
Assistant Architect







Nahid Ditsy
Nahid Ditsy
Research Architect

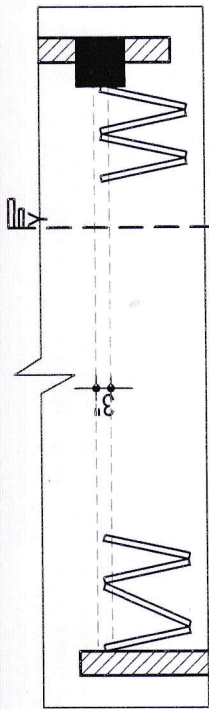
Morjur Parvez
Morjur Parvez
Research Architect

Md. Nafizur Rahman
Md. Nafizur Rahman
Senior Research Architect

HBRI
Drawing no: A-15

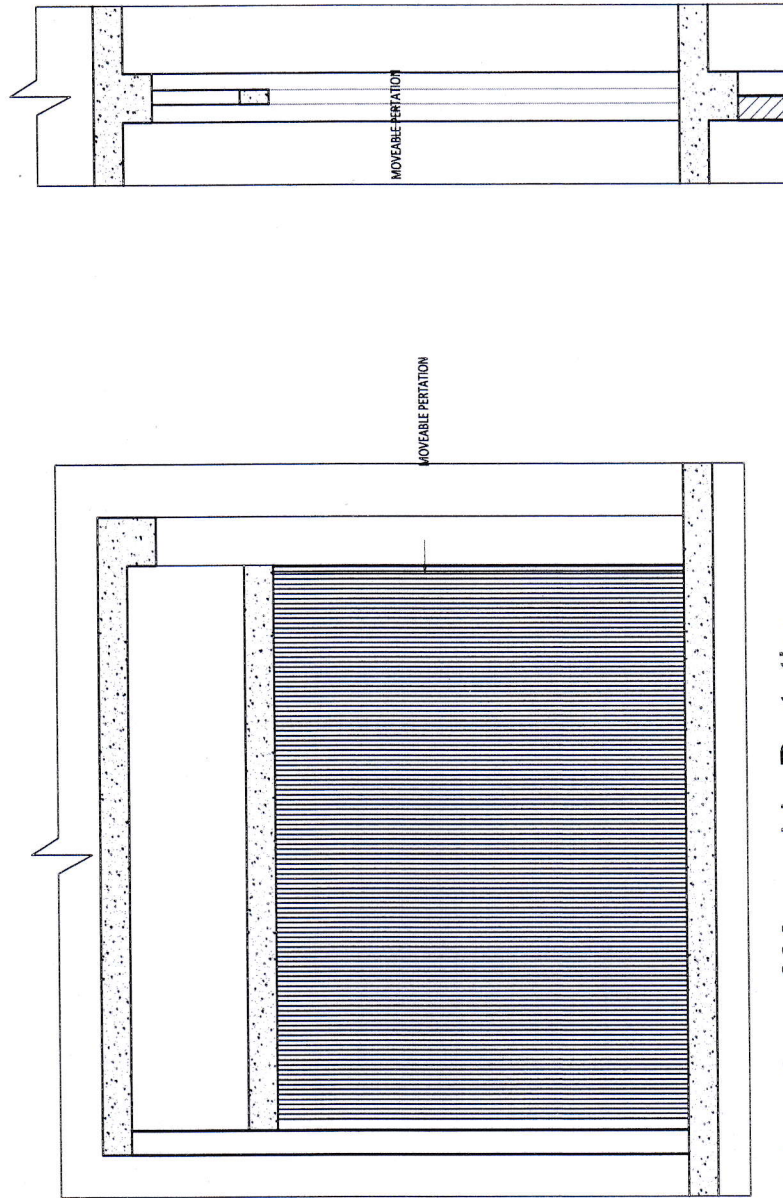


Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Danus-salam, Mirpur, Dhaka-1216	Drawing Title : Door detail	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktarul Abedin Assistant Architect	 Nahid Drisy Research Architect	 Monjur Parvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-16
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Plan of Moveable Pertation
Not To Scale

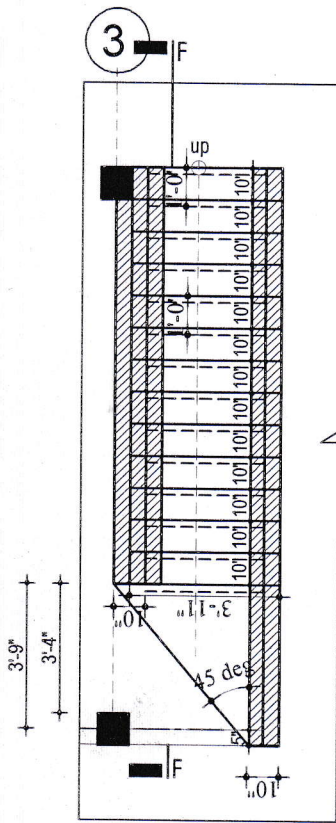
10'-0" 6" 2'-0" 6" 7'-0" 6"



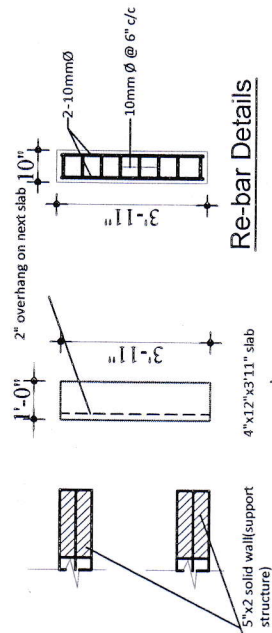
Elevation of Moveable Pertation
Not To Scale

Section: Y-Y

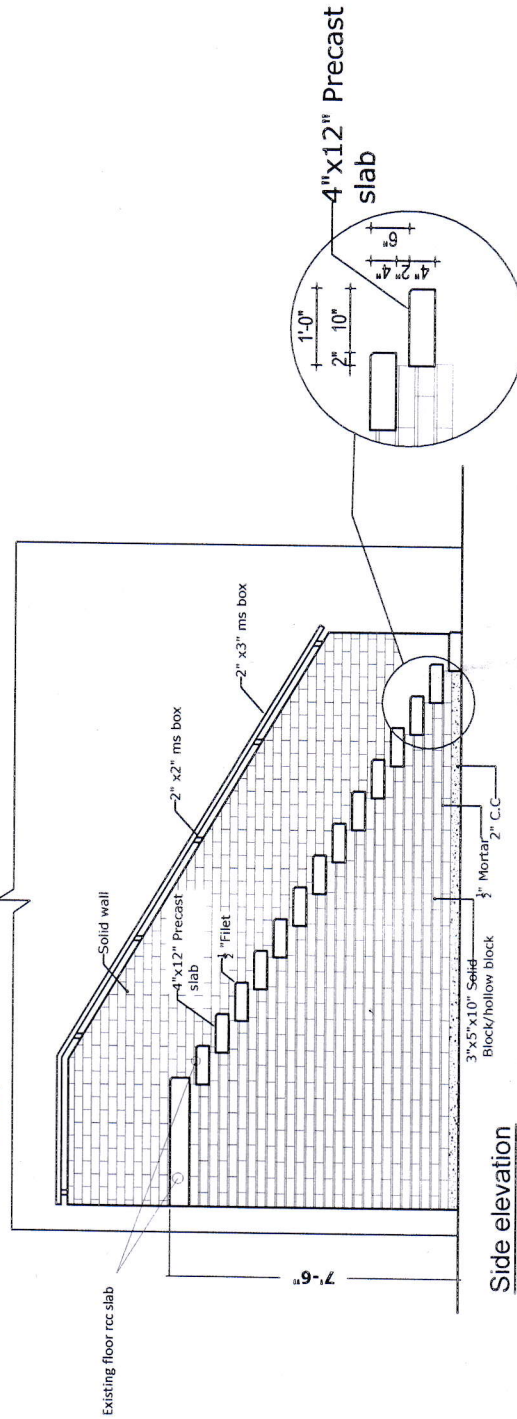
Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Pertation detail	Drawn By:  Md. Saful Islam Research Associate	 Md. Muktaadir Abedin Assistant Architect	 Nahid Dristy Research Architect	 Monjur Parvez Research Architect	 Md. Rafizur Rahman Senior Research Architect	 Drawing no. A-17
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Plan of Stair
Not To Scale

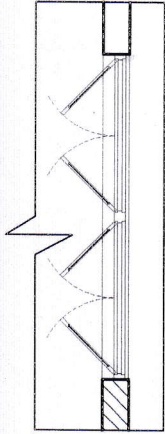


Re-bar Details

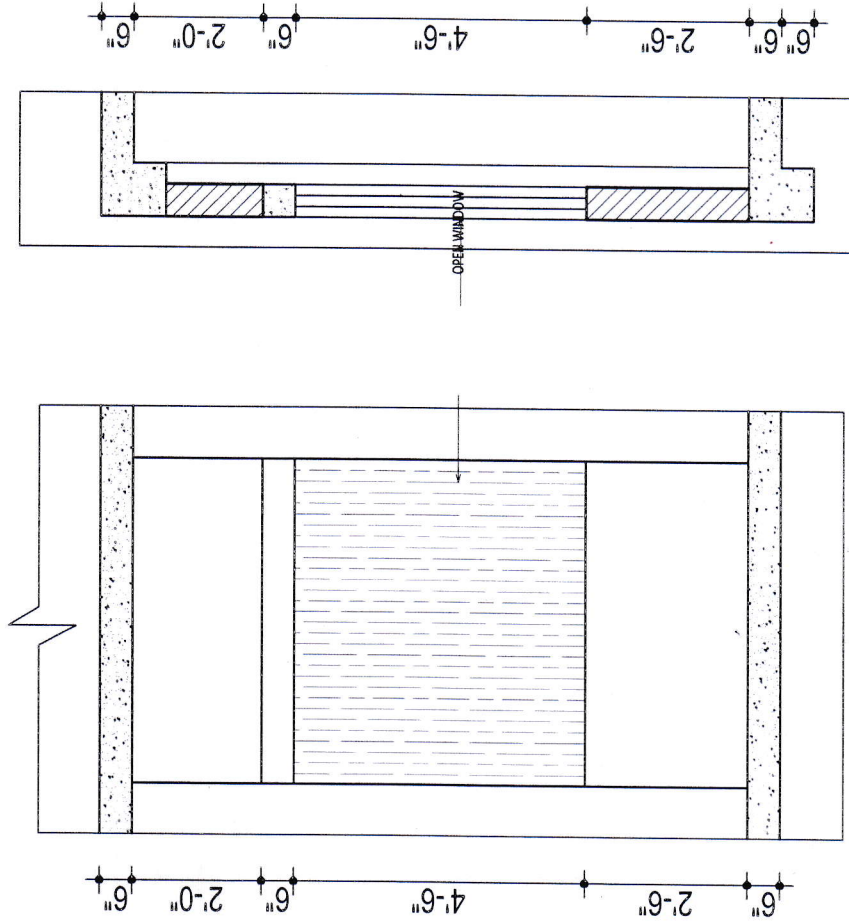


Side elevation
Not To Scale

Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Stair detail	Drawn By: Md. Saiful Islam Research Associate	Md. Muktaadir Ahsan Assistant Architect	Nahid Drisy Research Architect	Monjur Pavez Research Architect	Md. Nalizer Rahman Senior Research Architect	 Drawing no. A-18
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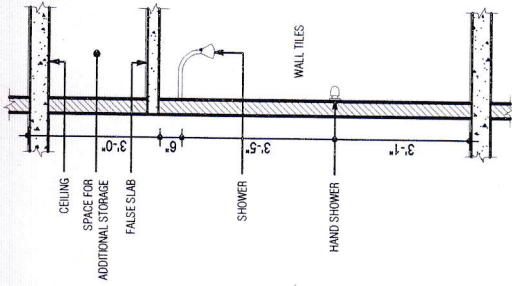


Typical Window Plan

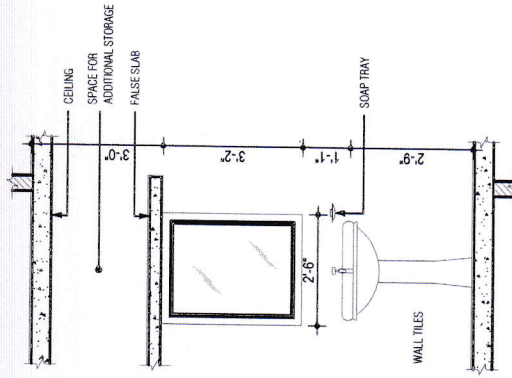


Typical Window Elevation & Section

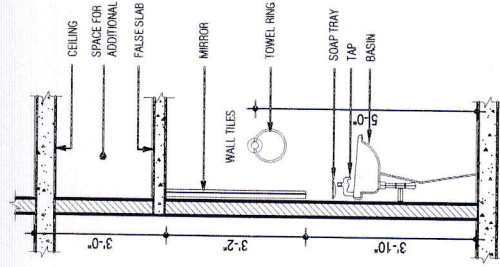
Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka-1216.	Drawing Title : Window detail	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktafir Abedin Assistant Architect	 Nahid Drisy Research Architect	 Monjur Parvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-19
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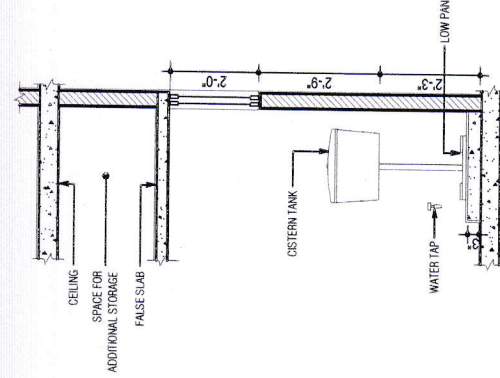
TYPICAL SECTION
OF SHOWER



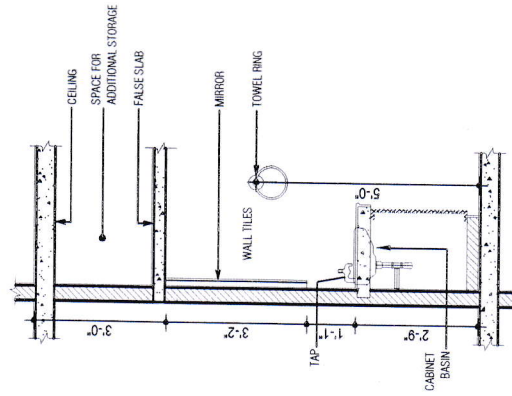
TYPICAL SECTIONAL ELEVATION
OF PEDESTRIAN BASIN



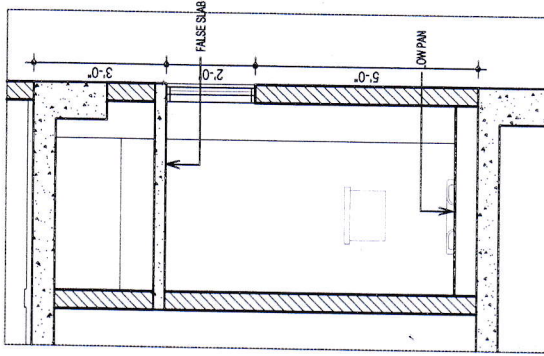
TYPICAL SECTION
OF PEDESTRIAN BASIN



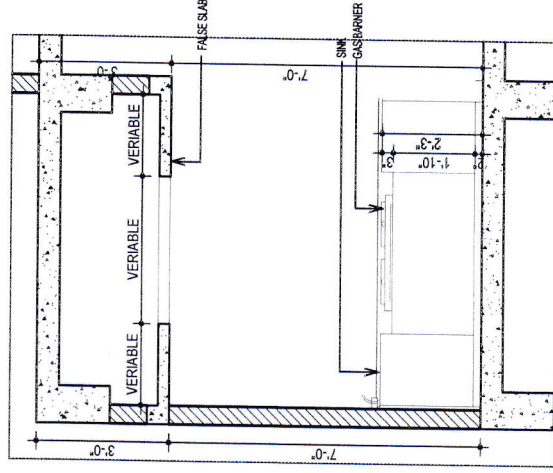
TYPICAL SECTION
OF LOW PAN



TYPICAL SECTION
OF CABINET BASIN



TYPICAL TOILET DETAILS



TYPICAL KITCHEN DETAILS

Project:
Architectural Design for 02 (Two) Storied
Cyclone Resilient Model House.

Consultant:
Housing and Building Research Institute
Ministry of Housing & Public Works
120/3 Darus-salam, Mirpur, Dhaka-1216.

Drawing Title :
Toilet & Kitchen detail

Drawn By
Md. Saful Islam
Research Associate

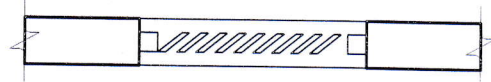
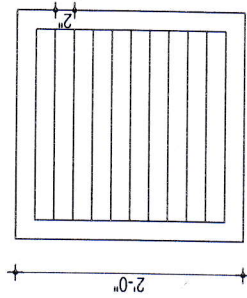
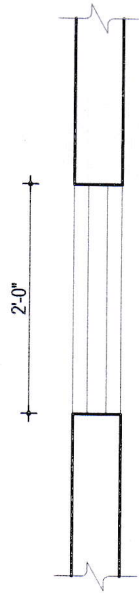
Md. Mukhtadir Aledin
Assistant Architect

Nahid Dristy
Research Architect

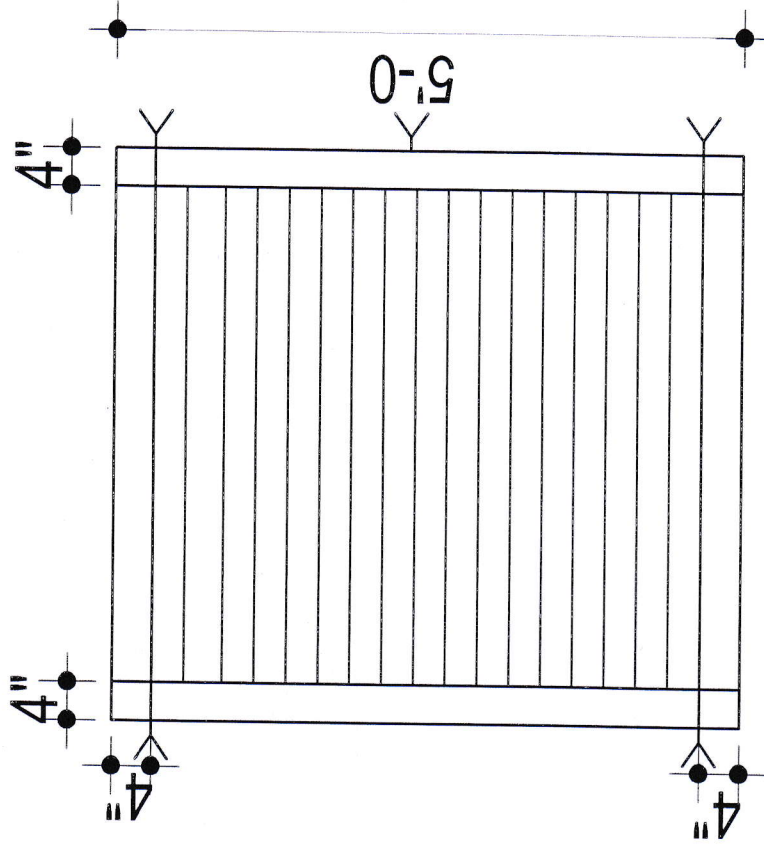
Morfiur Pavez
Research Architect

Md. Nafizur Rahman
Senior Research Architect

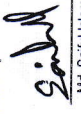

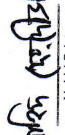



Drawing no: A-20

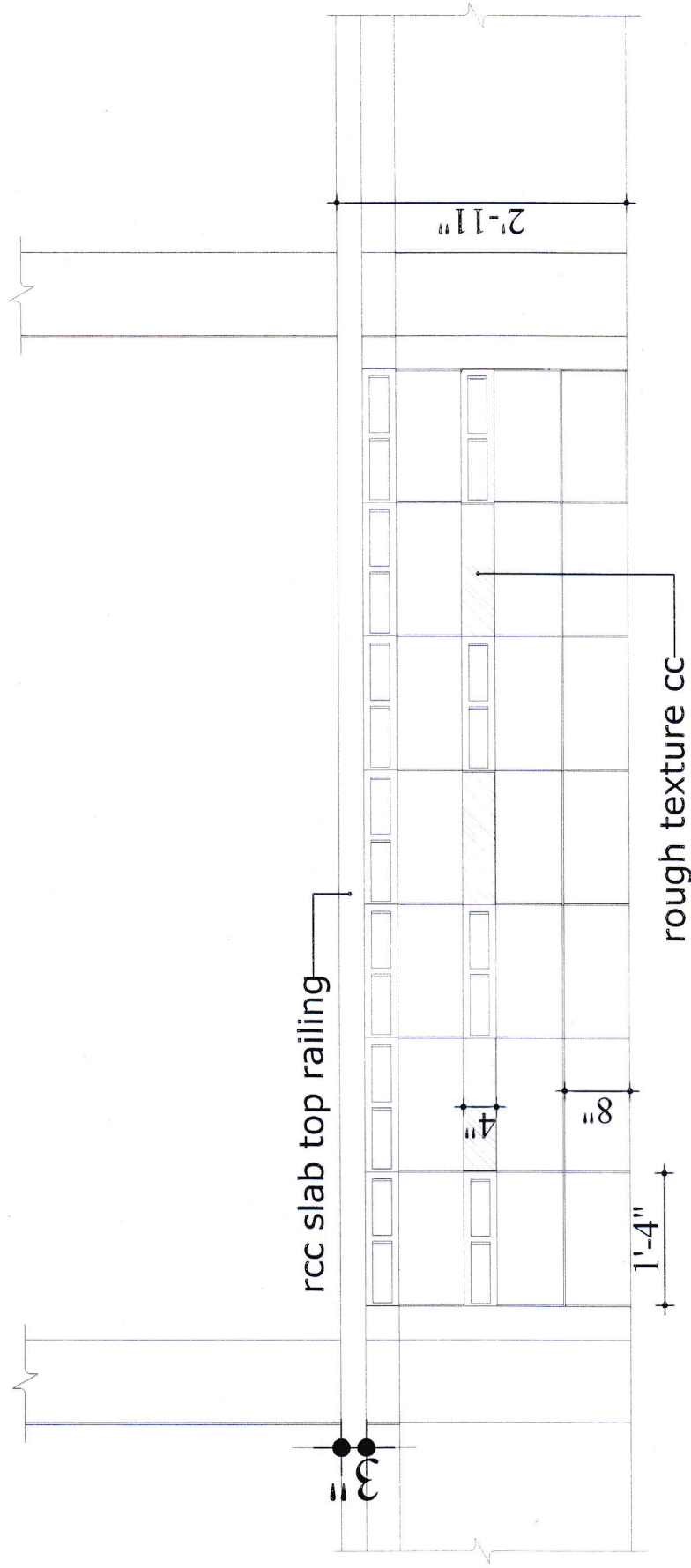


Detail of Ventilation



Louver for window

Project: Architectural Design for 02 (Two) Storied Cyclone Resilient Model House.	Consultant: Housing and Building Research Institute Ministry of Housing & Public Works 120/3 Darus-salam, Mirpur, Dhaka- 1216.	Drawing Title : Ventilation and louver detail	Drawn By:  Md. Saiful Islam Research Associate	 Md. Muktaadir Abedin Assistant Architect	 Nahid Ditsy Research Architect	 Mojibur Panvez Research Architect	 Md. Nafizur Rahman Senior Research Architect	 Drawing no: A-21
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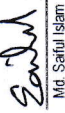



RAIL DETAIL


Project:
Architectural Design for 02 (Two) Storied
Cyclone Resilient Model House.


Consultant:
Housing and Building Research Institute
Ministry of Housing & Public Works
120/3 Darus-salam, Mirpur, Dhaka-1216.


Drawing Title :
Rail detail

Drawn By:

Md. Saiful Islam
Research Associate


Md. Muktarir Abedin
Assistant Architect


Nahid Disty
Research Architect


Moljur Parvez
Research Architect


Md. Nafizur Rahman
Senior Research Architect


Drawing no: A-22