

MEDAIR

each life matters

PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

3D DESIGN

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

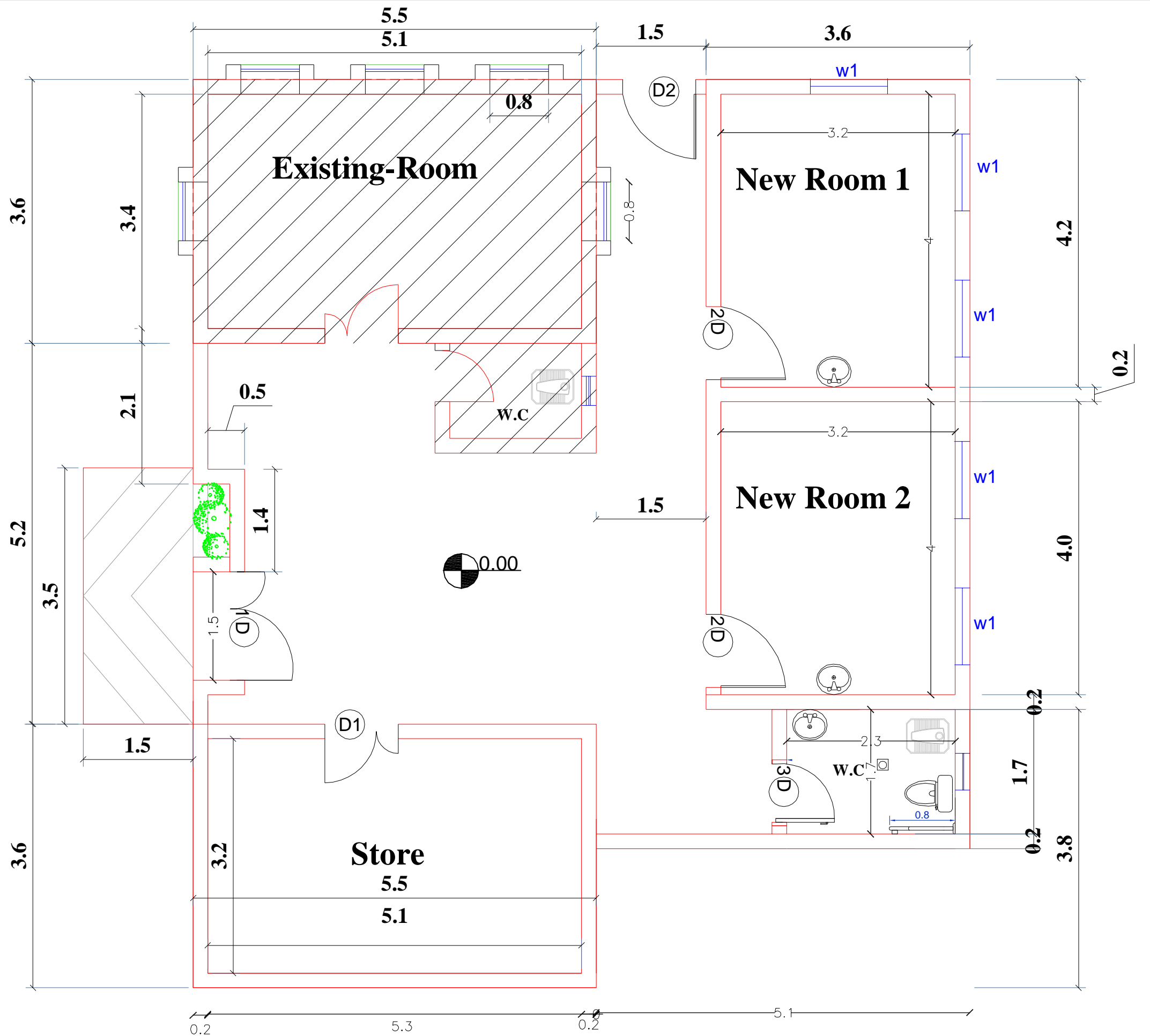
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SCALE:

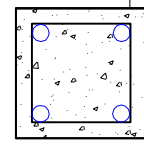
()

DATE:

(Jun.2022)



Lintel beam over doors & windows (0.2m*0.2m)



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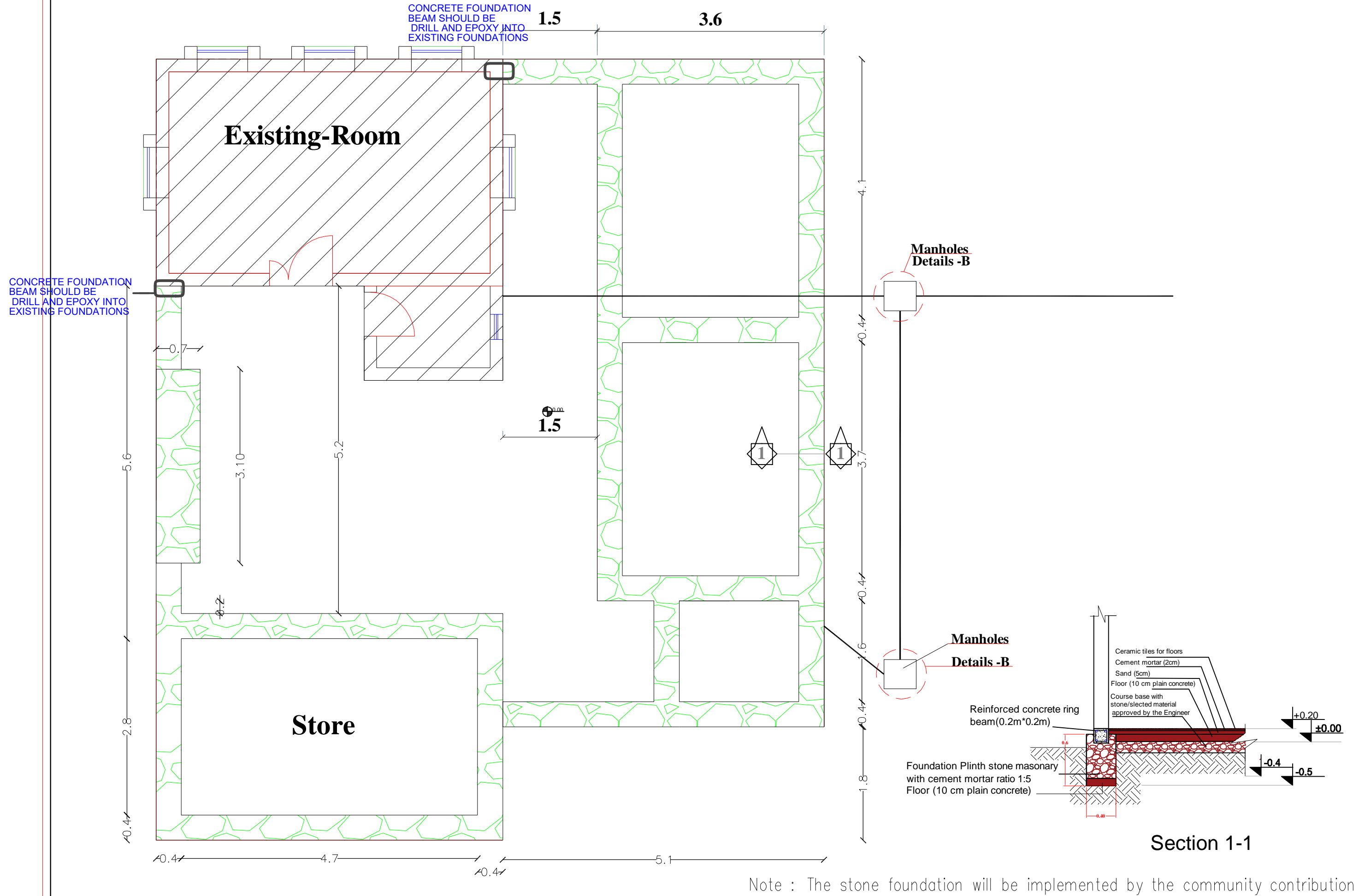
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PROJECT NAME:
REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:
SITE PLAN

DESIGN BY:
ALD WASH TEAM
CHECKED BY:
ALD WASH TEAM

DRAWING NO: 02
SCALE: ()
DATE: (Jun.2022)



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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

STONE FOUNDATION PLAN

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO.:

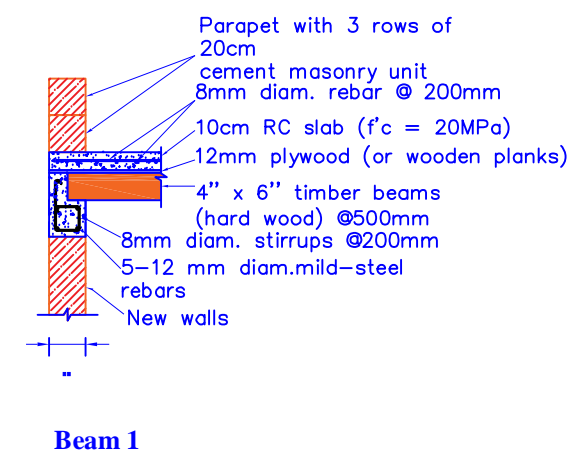
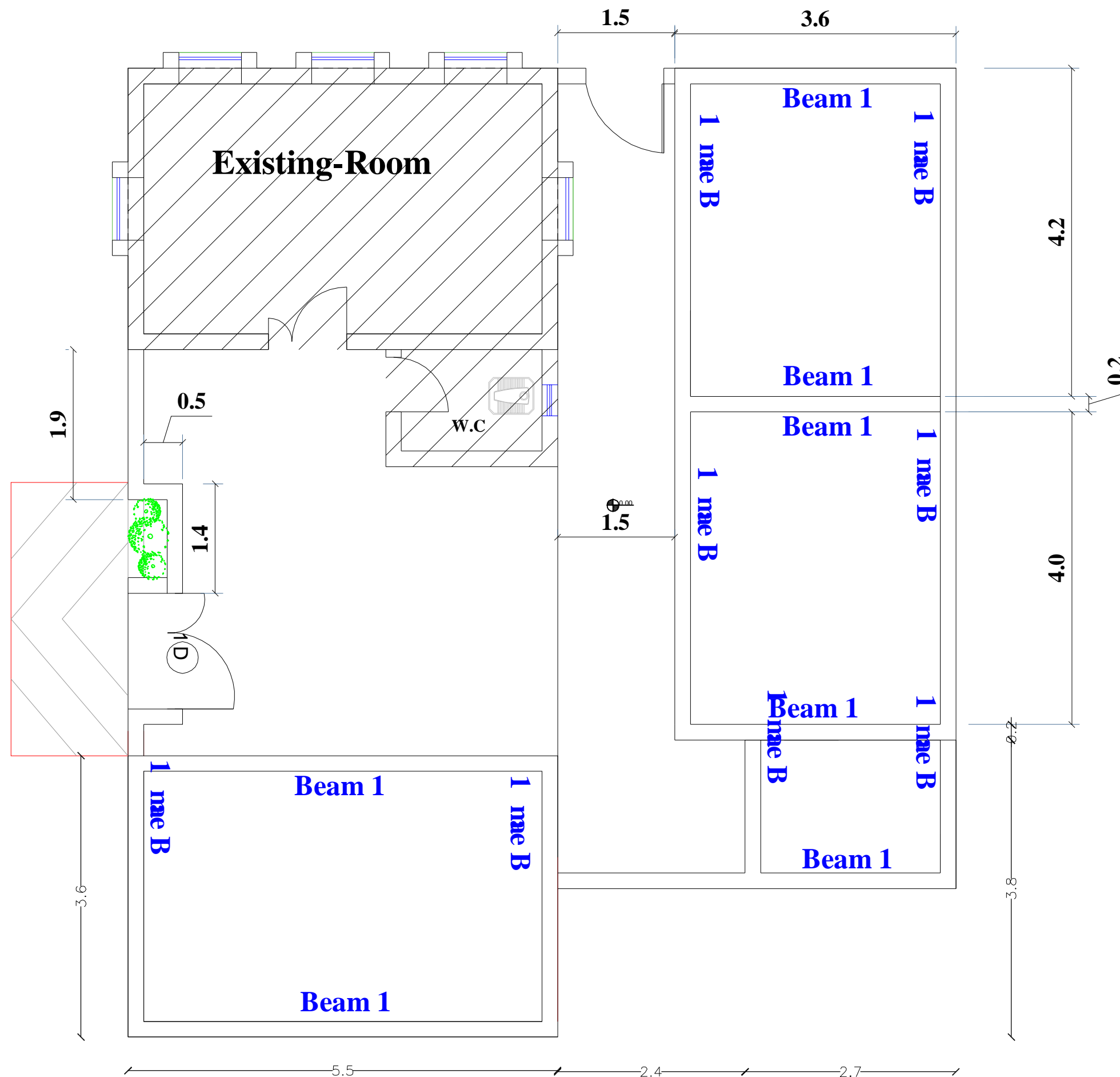
03

SCALE:

()

DATE:

(Jun.2022)



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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

BEAM ROOF PLAN 2

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

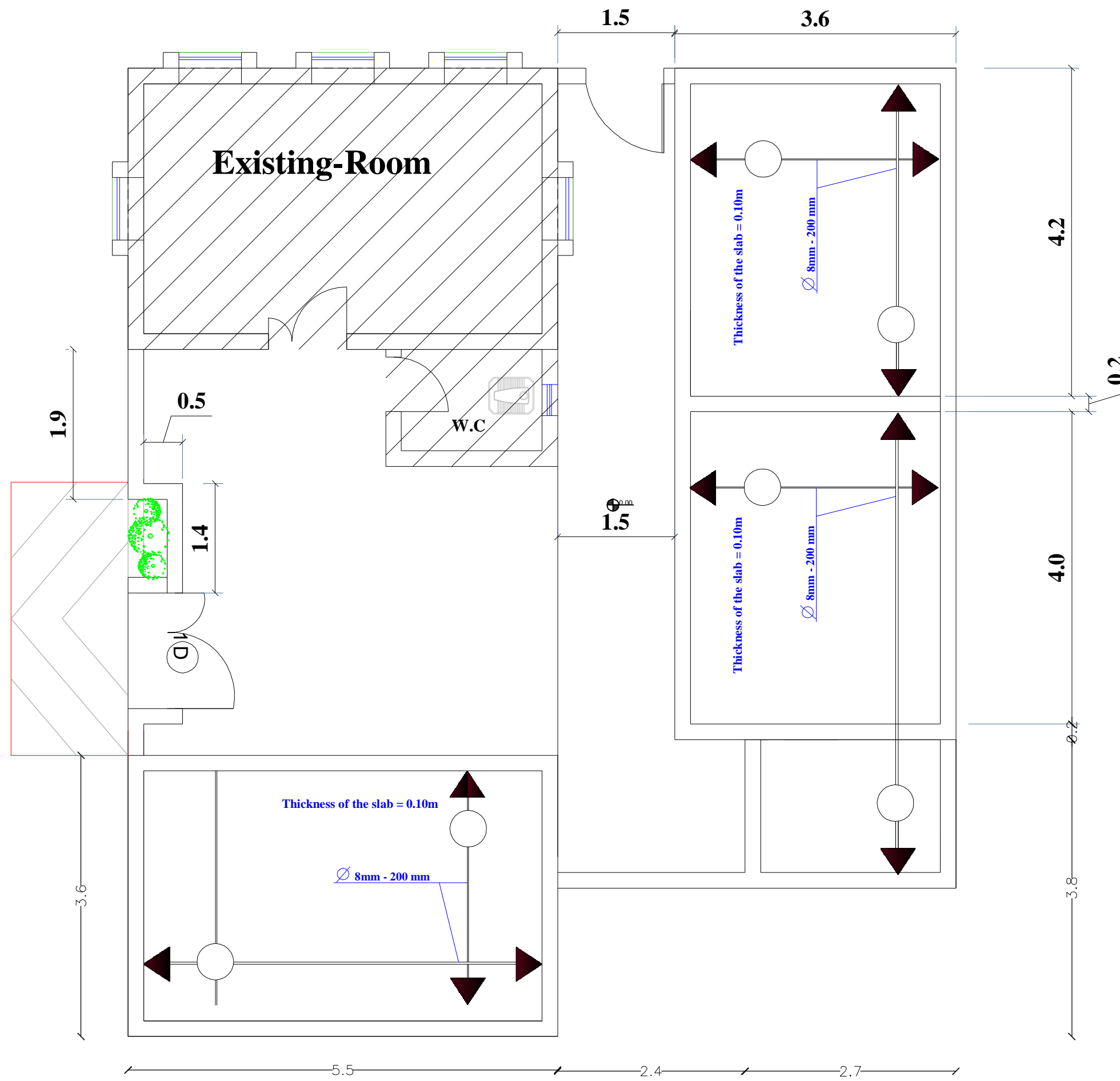
05

SCALE:

()

DATE:

(Jun.2022)



Parapet with 3 rows of
20cm
cement masonry unit
8mm diam. rebar @ 200mm
10cm RC slab ($f'c = 20\text{MPa}$)
12mm plywood (or wooden planks)
4" x 6" timber beams
(hard wood) @500mm
8mm diam. stirrups @200mm
5-12 mm diam.mild-steel
rebars
New walls

Beam 1

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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

SIT PLAN

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

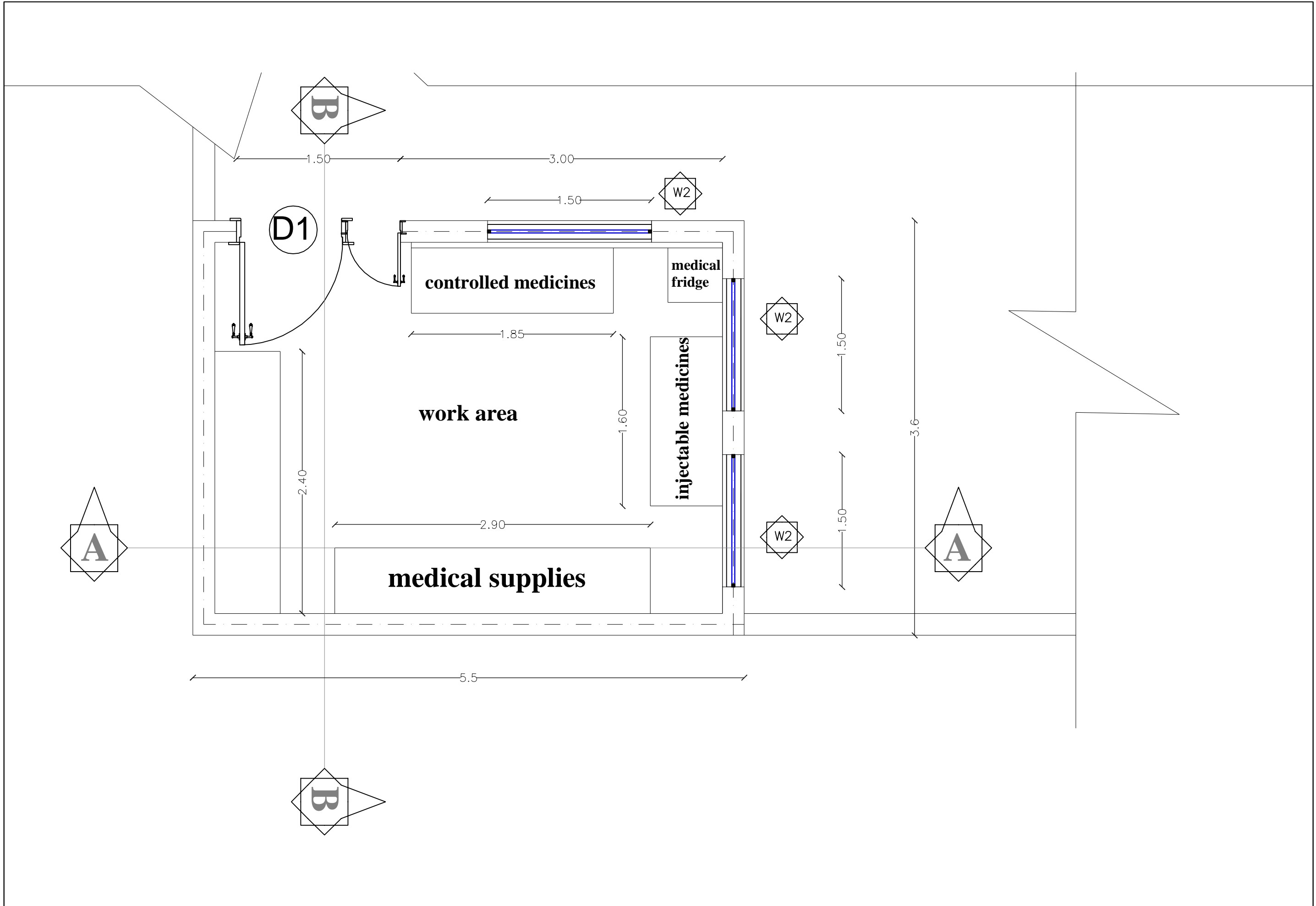
06

SCALE:

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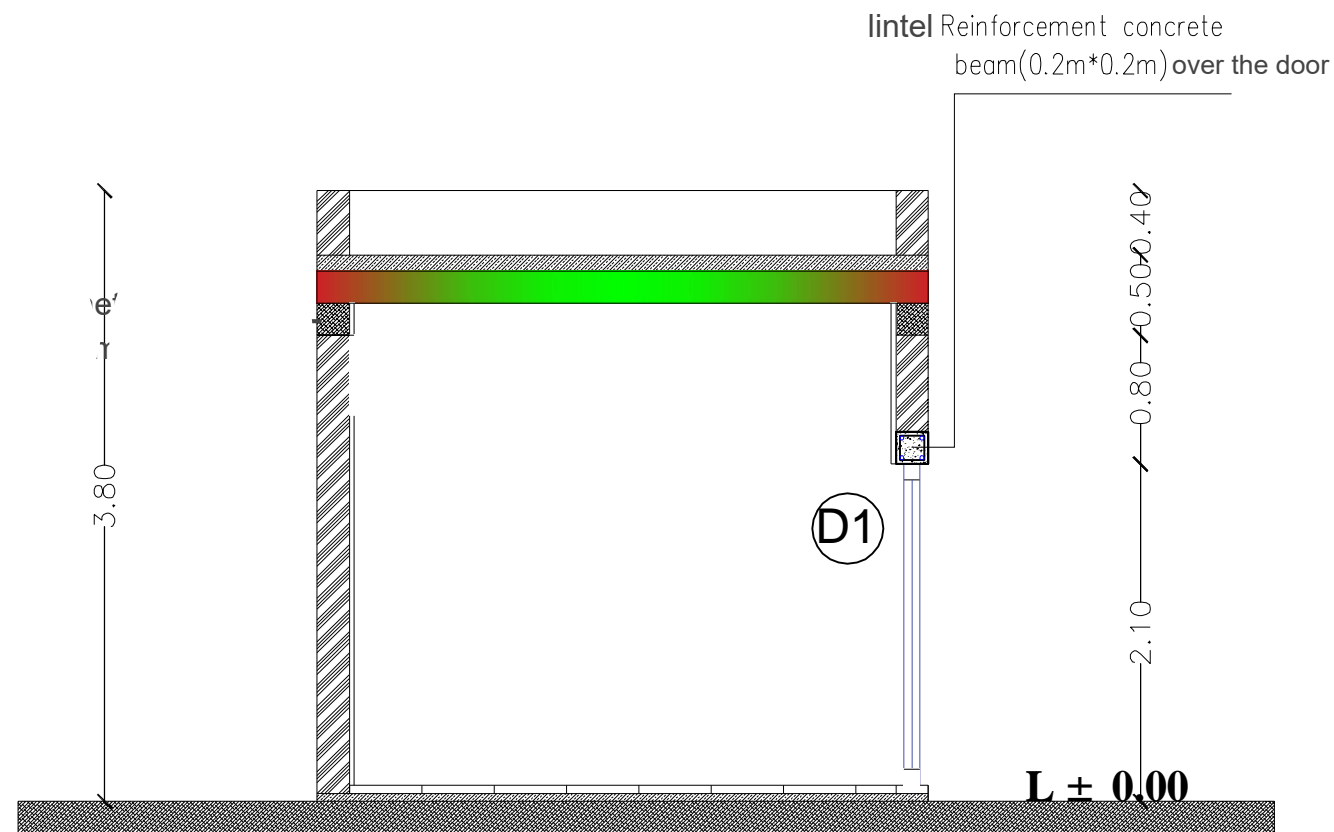
DATE:

(Jun.2022)



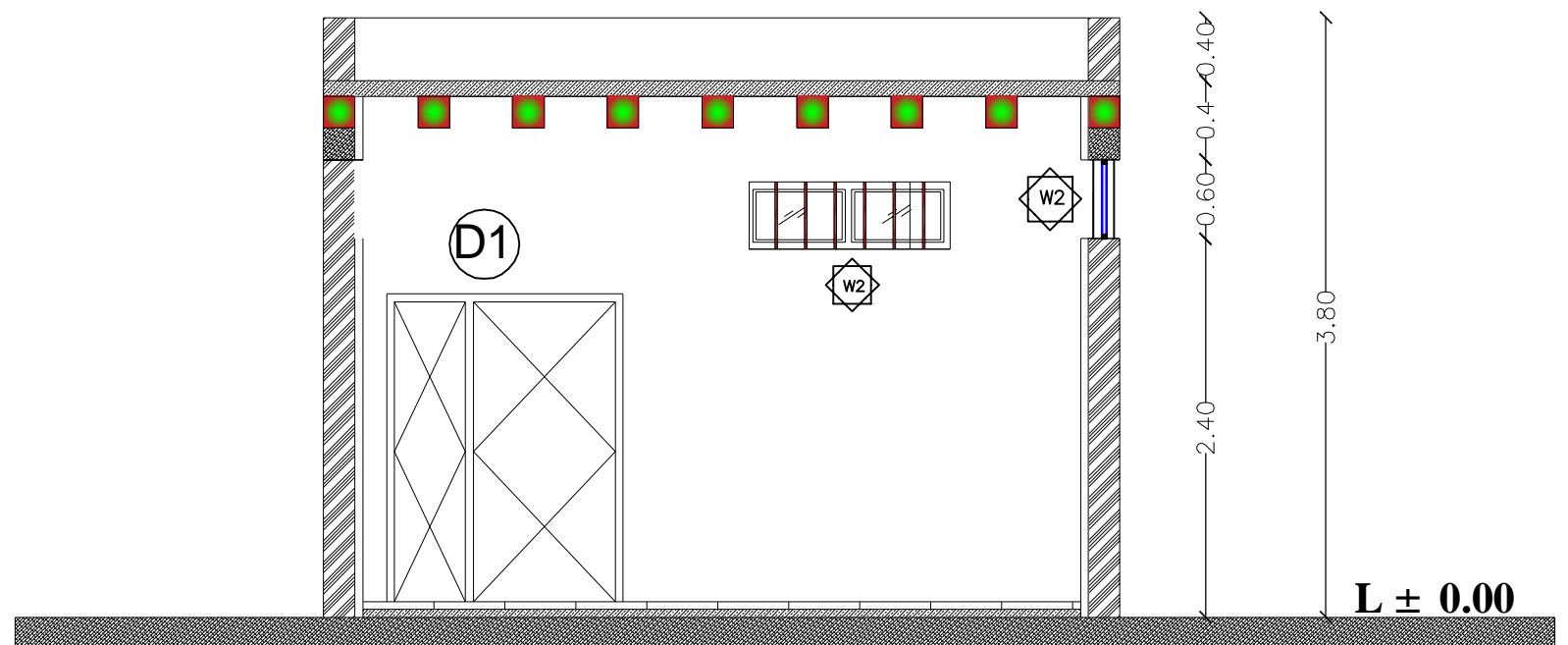
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<u>PROJECT NAME:</u> REHABILITATION OF GABAL AWAS H.F	<u>DRAWING TITLE:</u> Detail Plan of Store	<u>DESIGN BY:</u> ALD WASH TEAM	<u>DRAWING NO.:</u> 07
		<u>CHECKED BY:</u> ALD WASH TEAM	<u>SCALE:</u> ()
			<u>DATE:</u> (Jun.2022)



section B-B

section A-A



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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

Section of Store

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

08

SCALE:

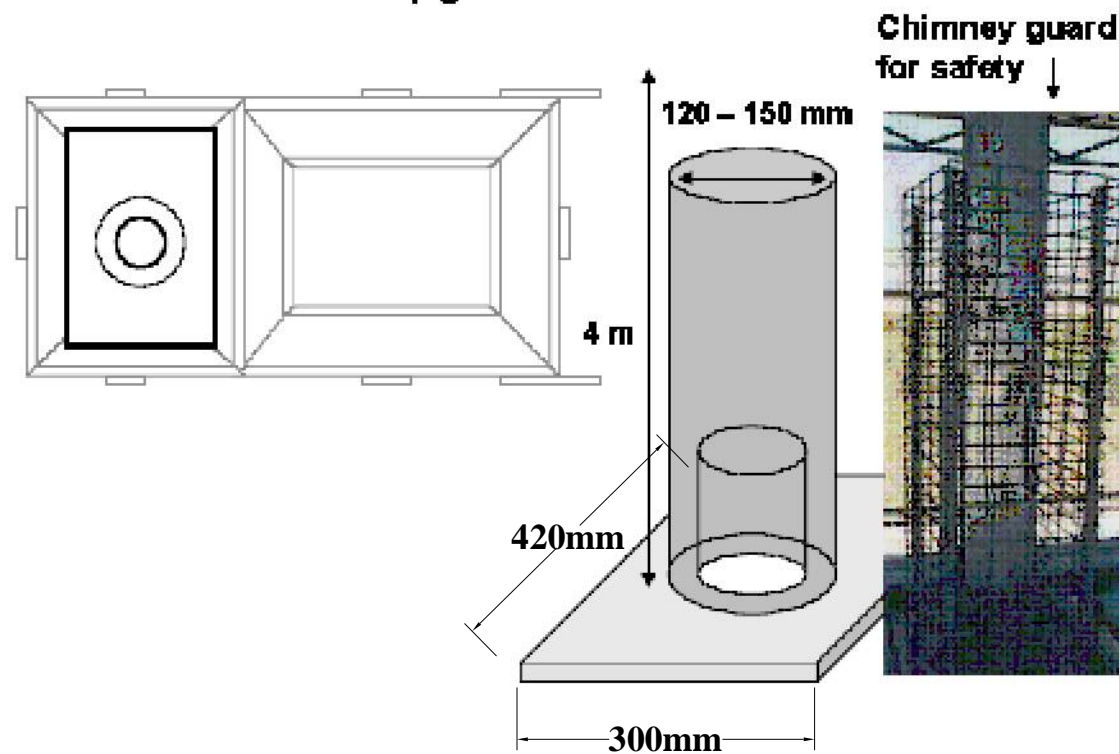
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DATE:

(Jun.2022)

CHIMNEY

The chimney is made from a steel pipe (3mm thickness). It is sealed to the spigot with fire cement.

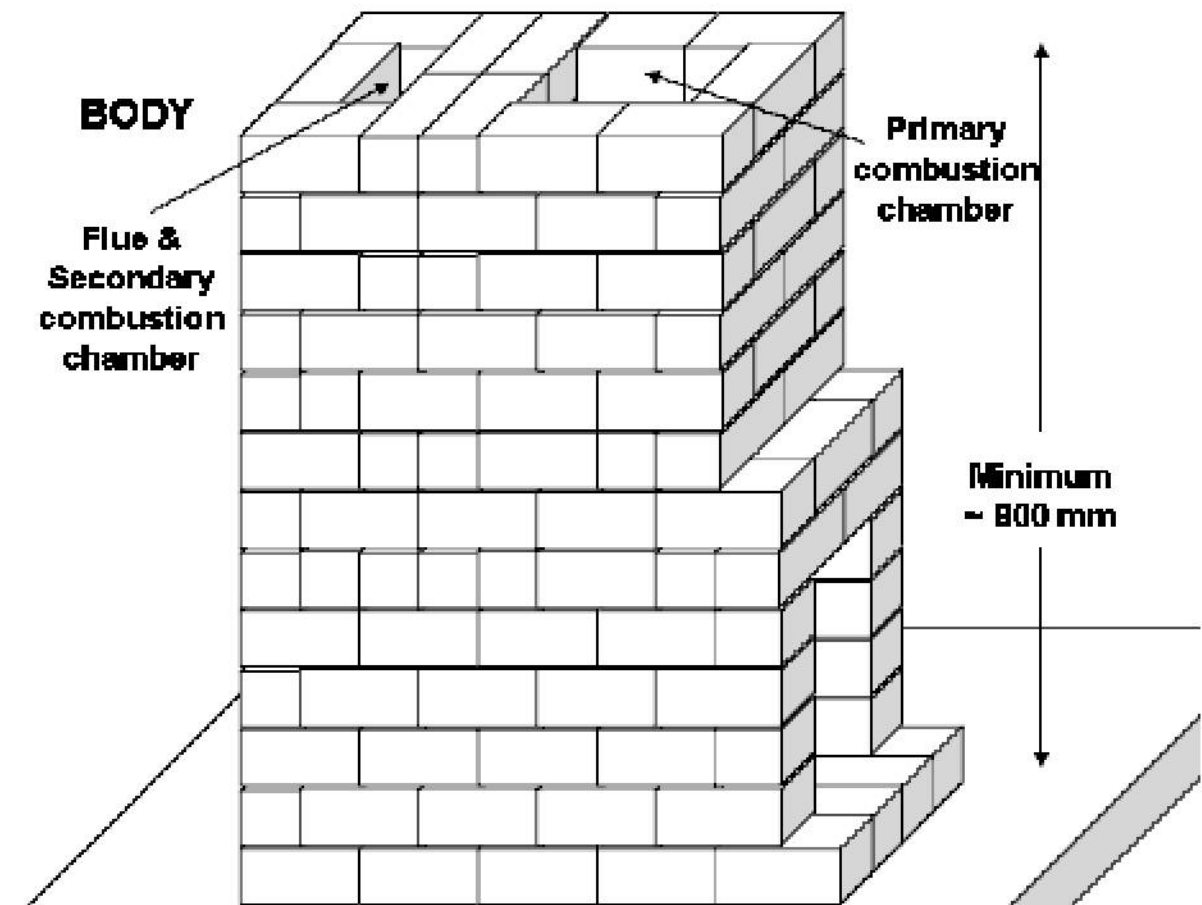


BODY

Flue & Secondary combustion chamber

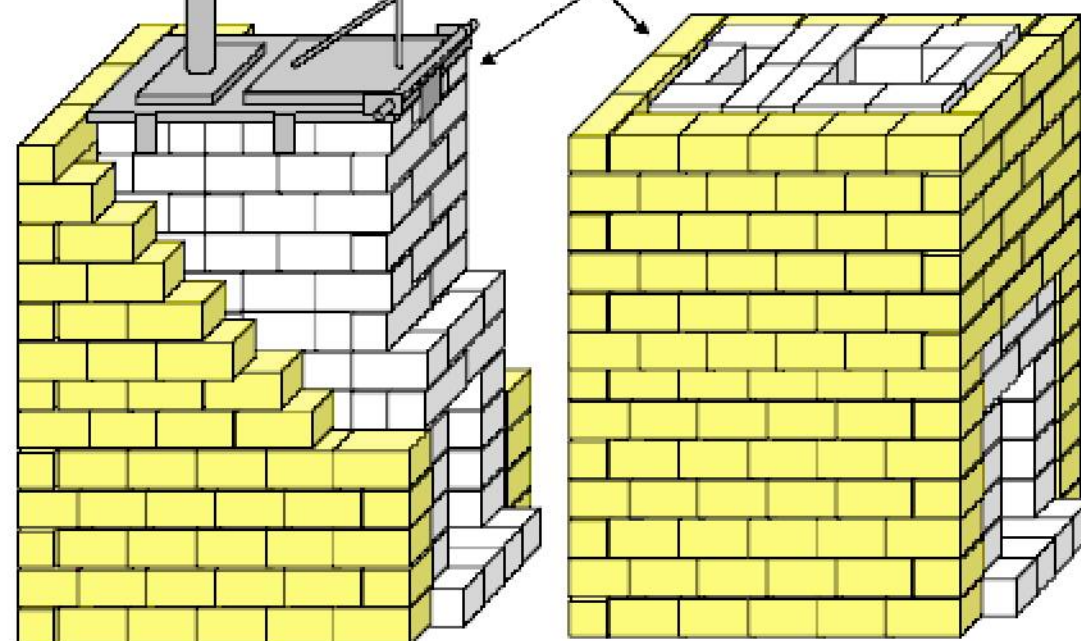
Primary combustion chamber

Minimum ~ 800 mm



OUTER WALL

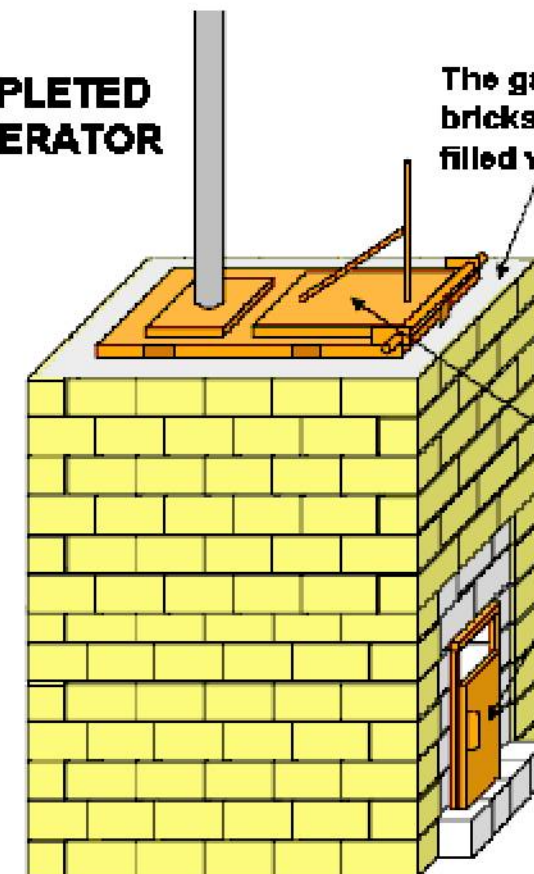
Ensure there is enough space for the top frame locators to fit between the inner and outer walls



COMPLETED INCINERATOR

The gaps between the refractory bricks and outer wall can be filled with refractory cement

Paint to inhibit corrosion



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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

De Montfort Incinerator

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

09

SCALE:

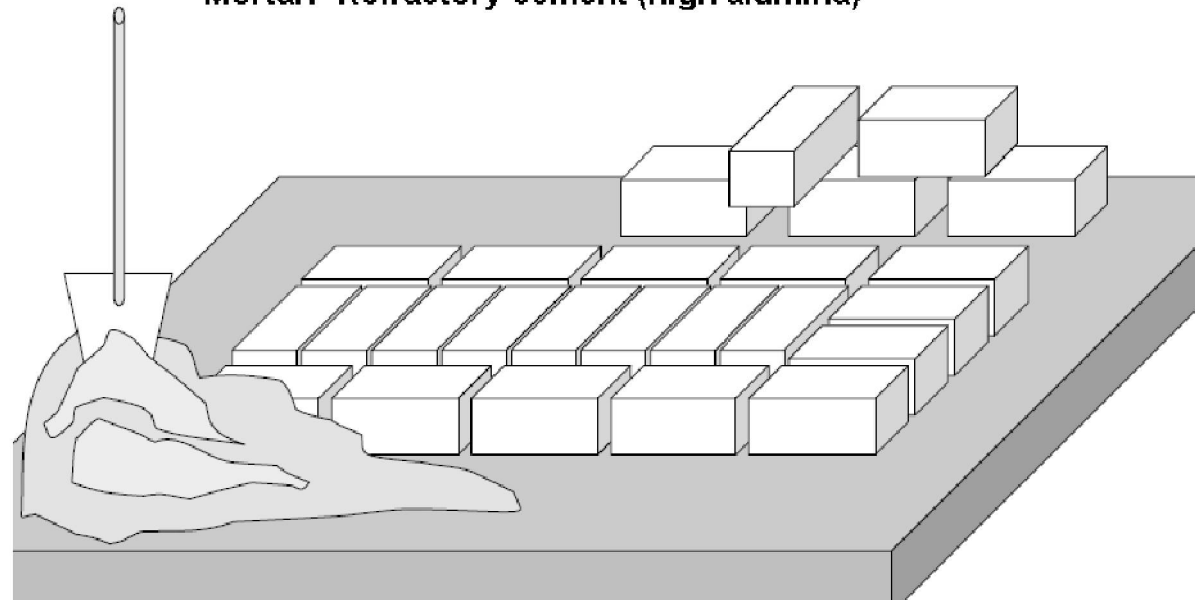
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DATE:

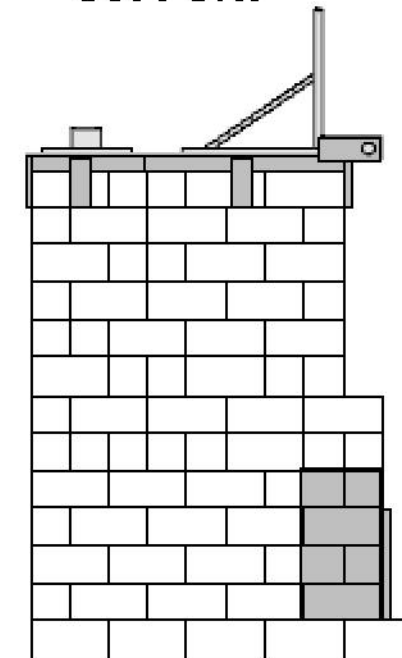
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FOUNDATION

Concrete foundation: L x W x H = 2m x 2m x 0.15m
Refractory bricks: L x W x H = approx. 230 x 110 x 65 mm
Mortar: Refractory cement (high alumina)

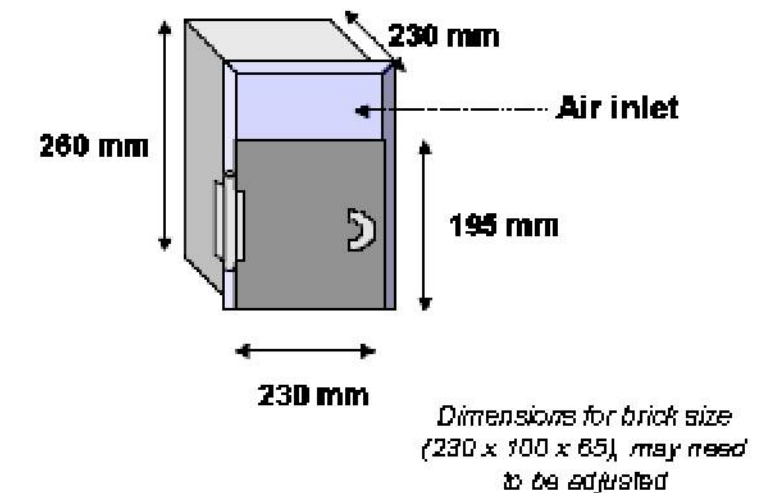


ASH DOOR & SUPPORT

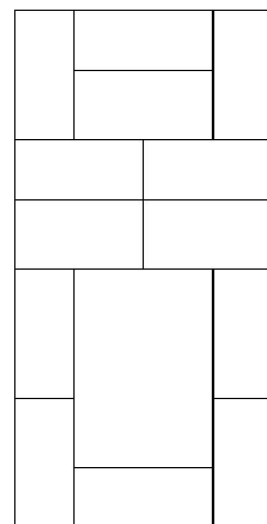


The brick arch at the front is supported by a steel tunnel (3mm thickness). Steel angle (30x30x3) welded around the front edge of the tunnel forms the support for the ash door, which is hinged.

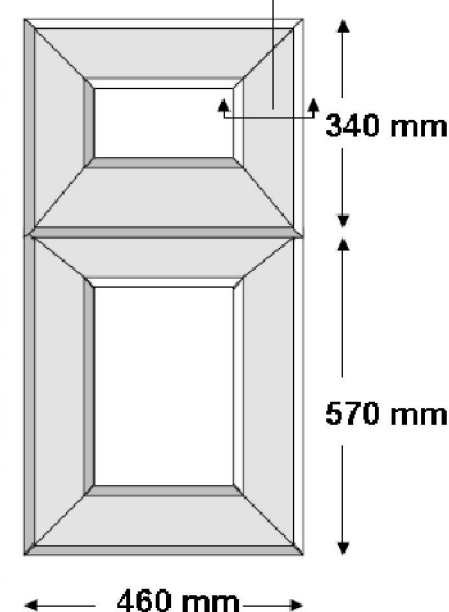
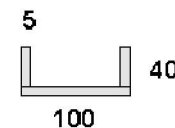
The ash door (3mm thickness) covers of the area of the arch. The remainder forms the air inlet.



TOP FRAME

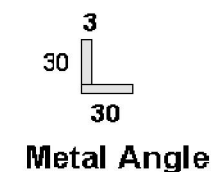


Cross section of metal channel

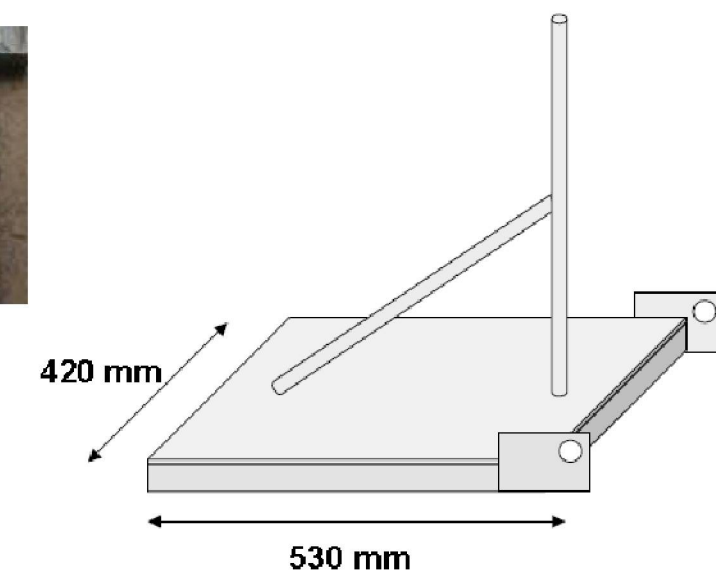


LOADING DOOR

Underside



The loading door is made from a frame of metal angle (30 x 30 x 3) with a plate of 3mm steel welded on top.



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REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

De Montfort Incinerator

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

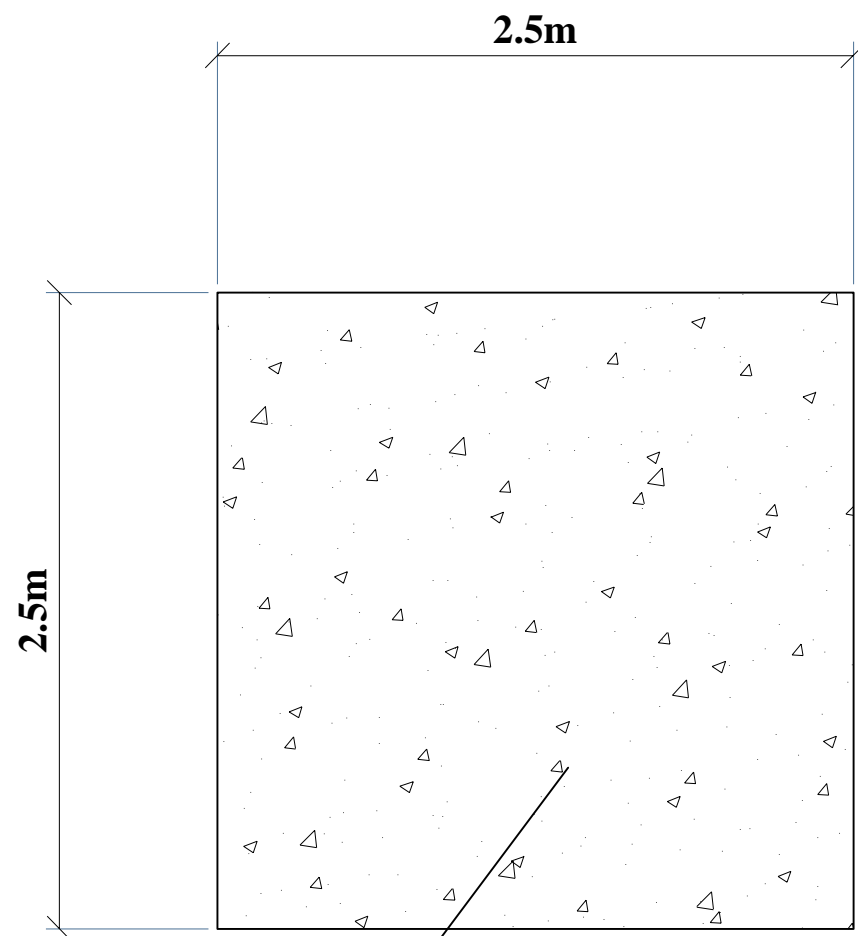
10

SCALE:

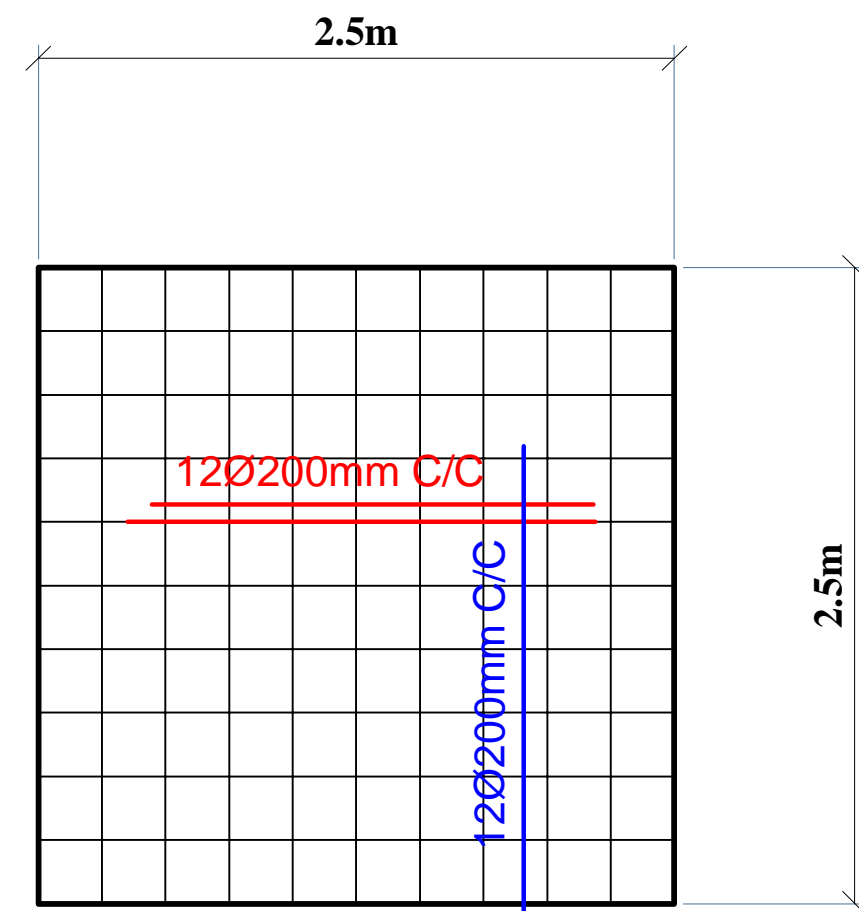
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(Jun.2022)



RCC Foundation



Steel bar 12mm dis -200 mm c/c

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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

RCC Foundation Incinerator

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

11

SCALE:

()

DATE:

(Jun.2022)

Iron Door
(1.00m*1.00m*0.003m thick)

Red Bricks(10*10*20)cm

Masonry Solid blocks
(20*20*40)cm

0.1m Plain Concrete

5cm opening between blocks

0.1m Plain Concrete

1.50

0.6
1.00
Ø-10

Iron Door
(1.00m*1.00m*0.003m thick)

Masonry Solid blocks
(20*20*40)cm

Red Bricks(10*10*20)cm

1.00

1.00

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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

Ash Pit

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

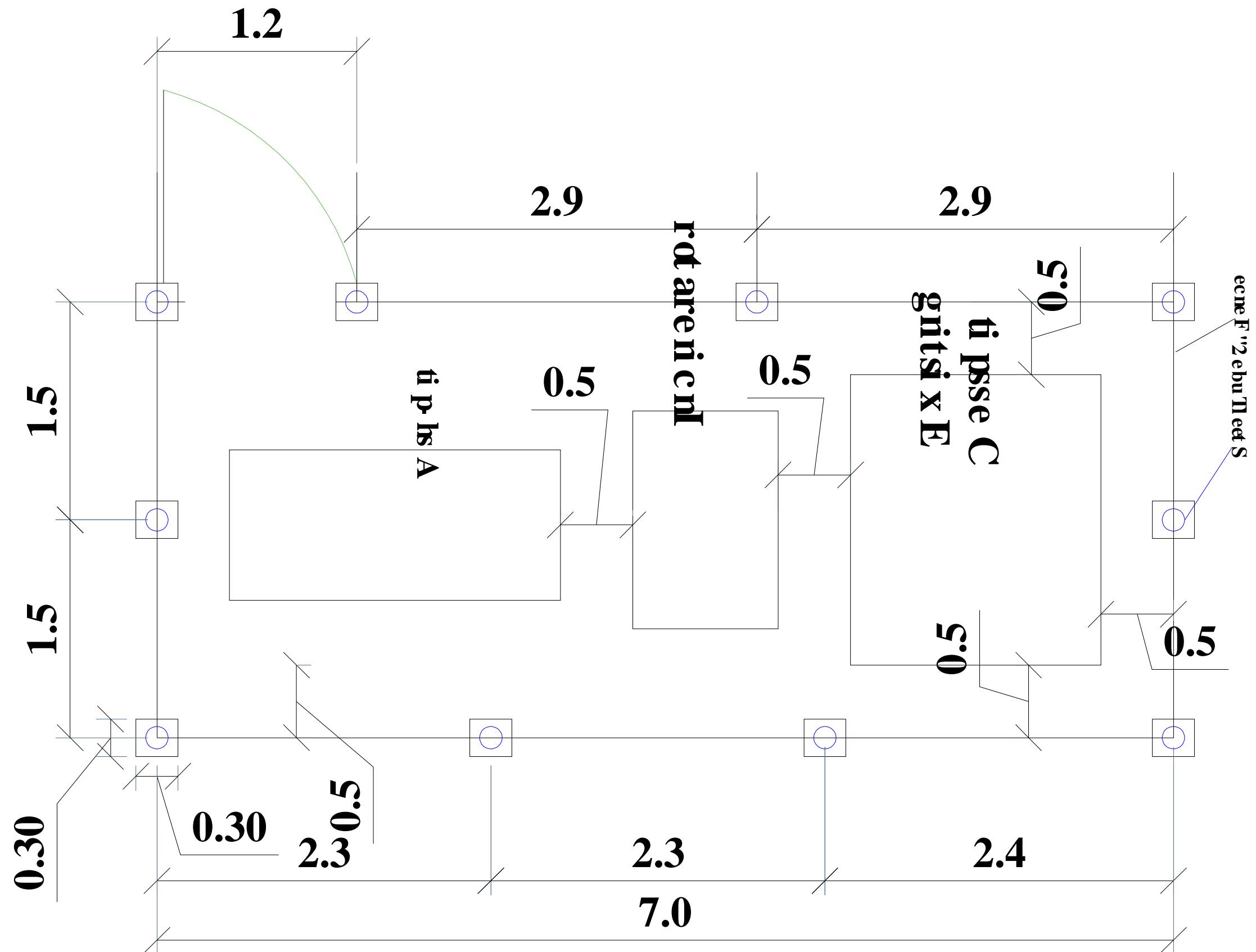
12

SCALE:

()

DATE:

(Jun.2022)



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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

Plan of Fence

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

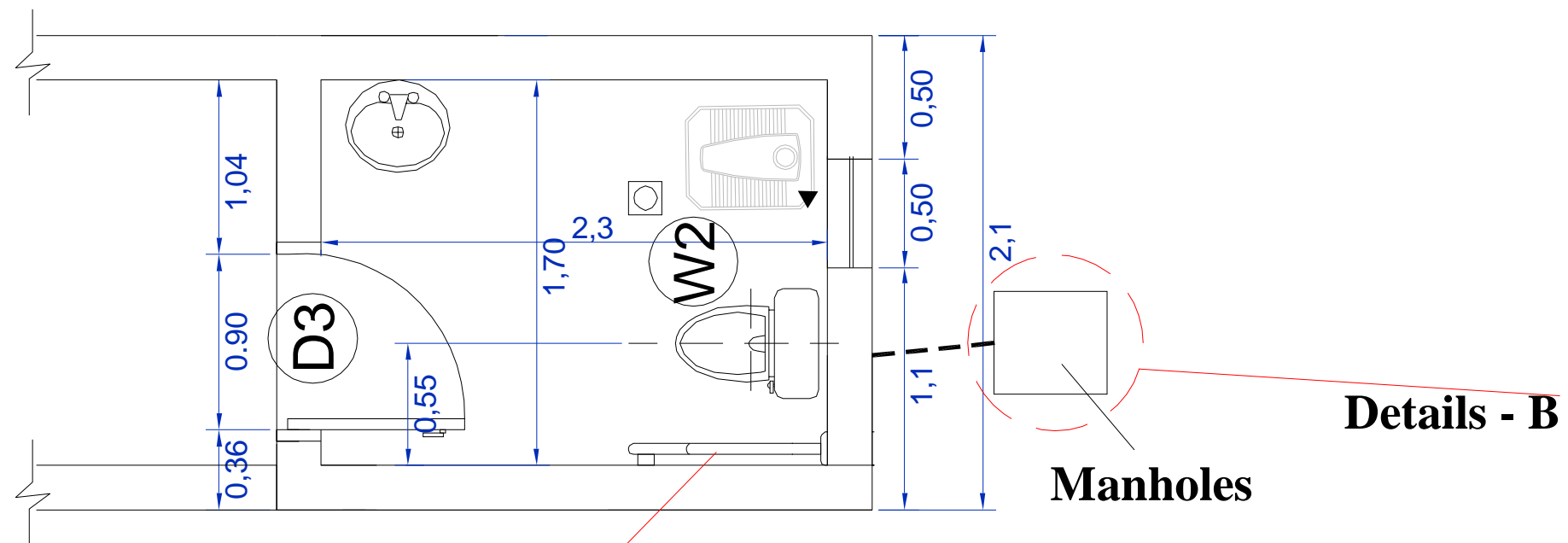
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DATE:

(Jun.2022)



**Aluminum Handrail Dia is
36mm with 36mm gap between
the rail & the wall and long of 80cm**

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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

Toilets Plan

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

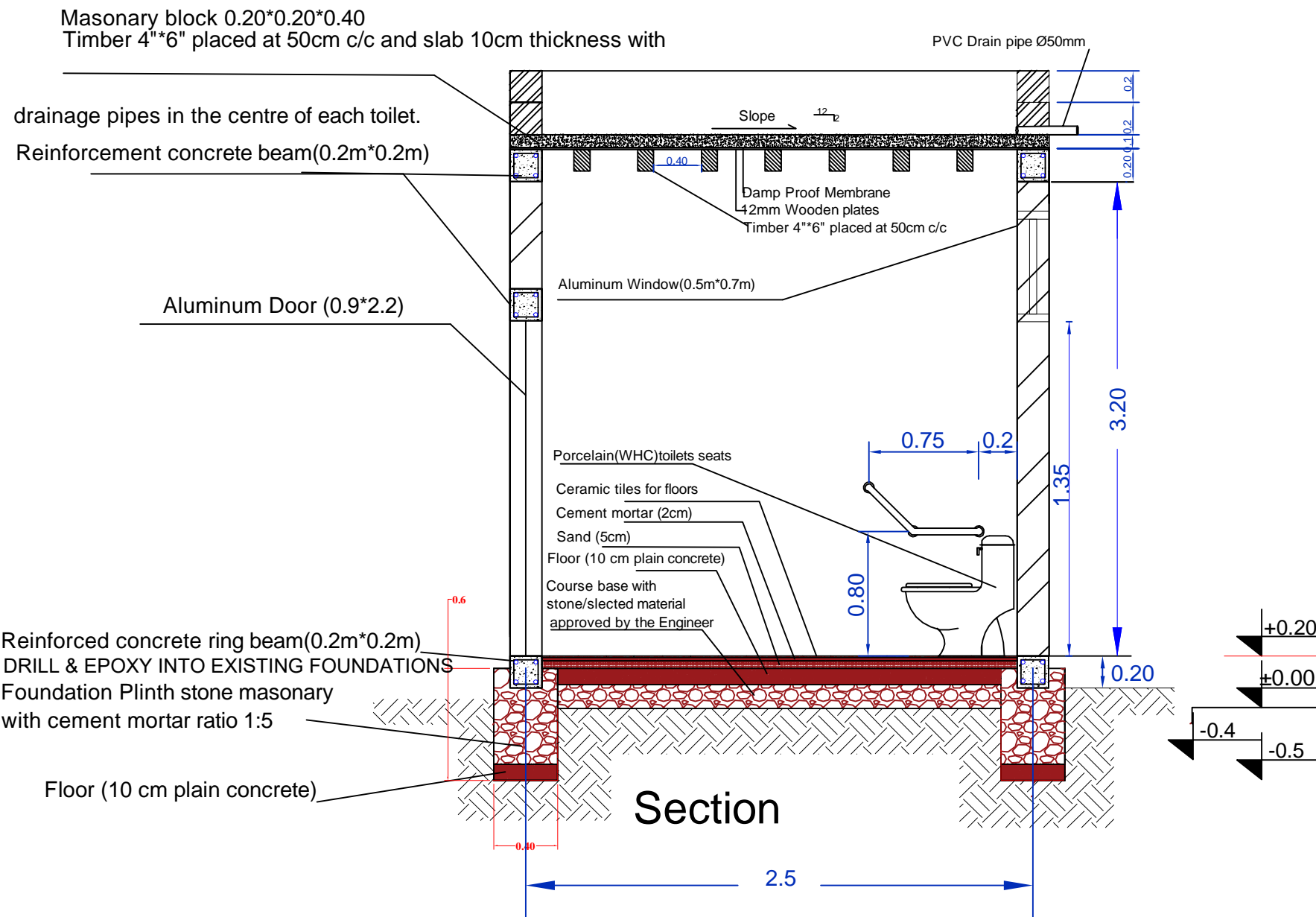
14

SCALE:

()

DATE:

(Jun.2022)



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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

Toilets Section

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

15

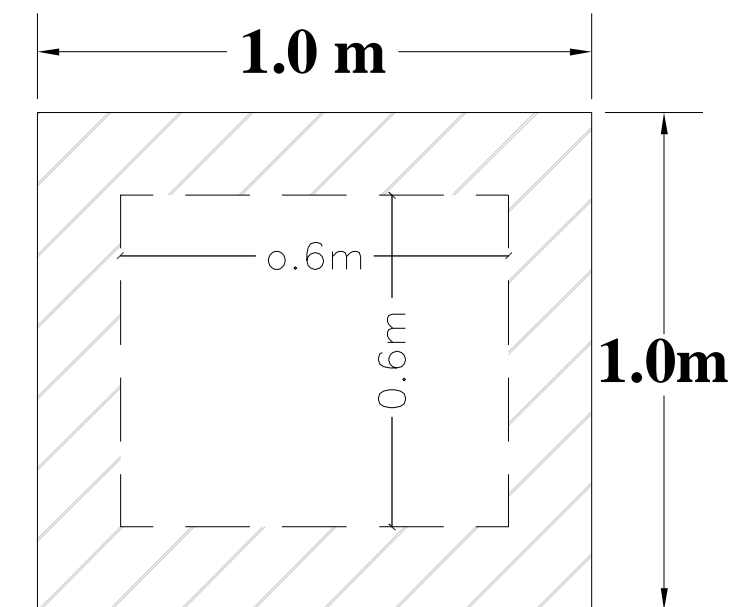
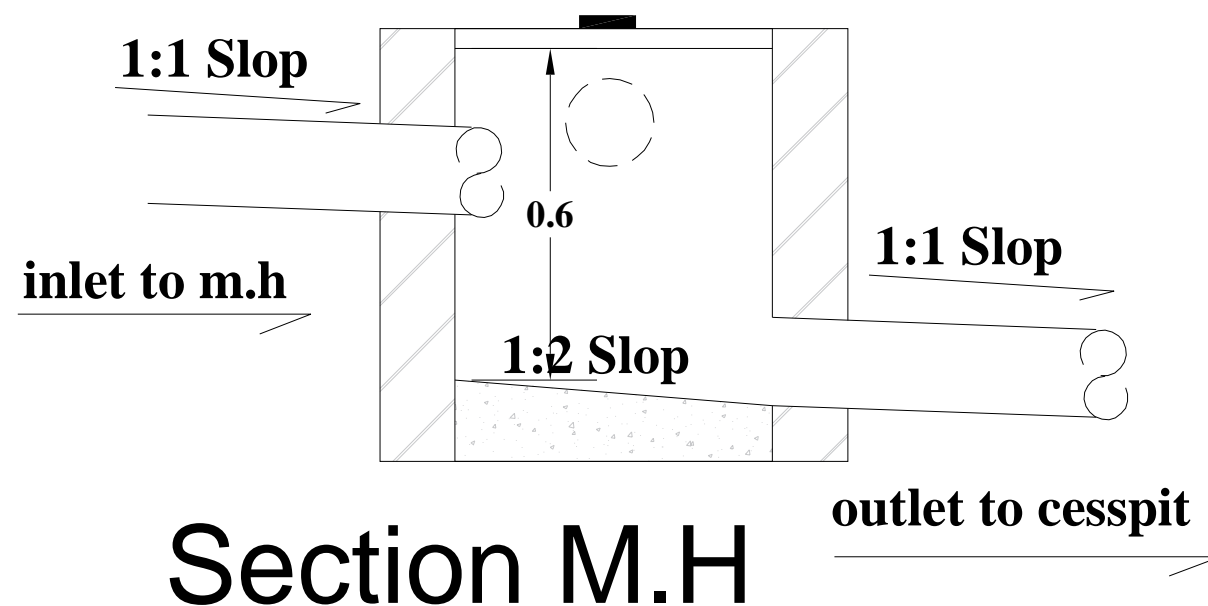
SCALE:

()

DATE:

(Jun.2022)

Details - B



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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

Detail – B (For Connection of Tow Manholes)

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

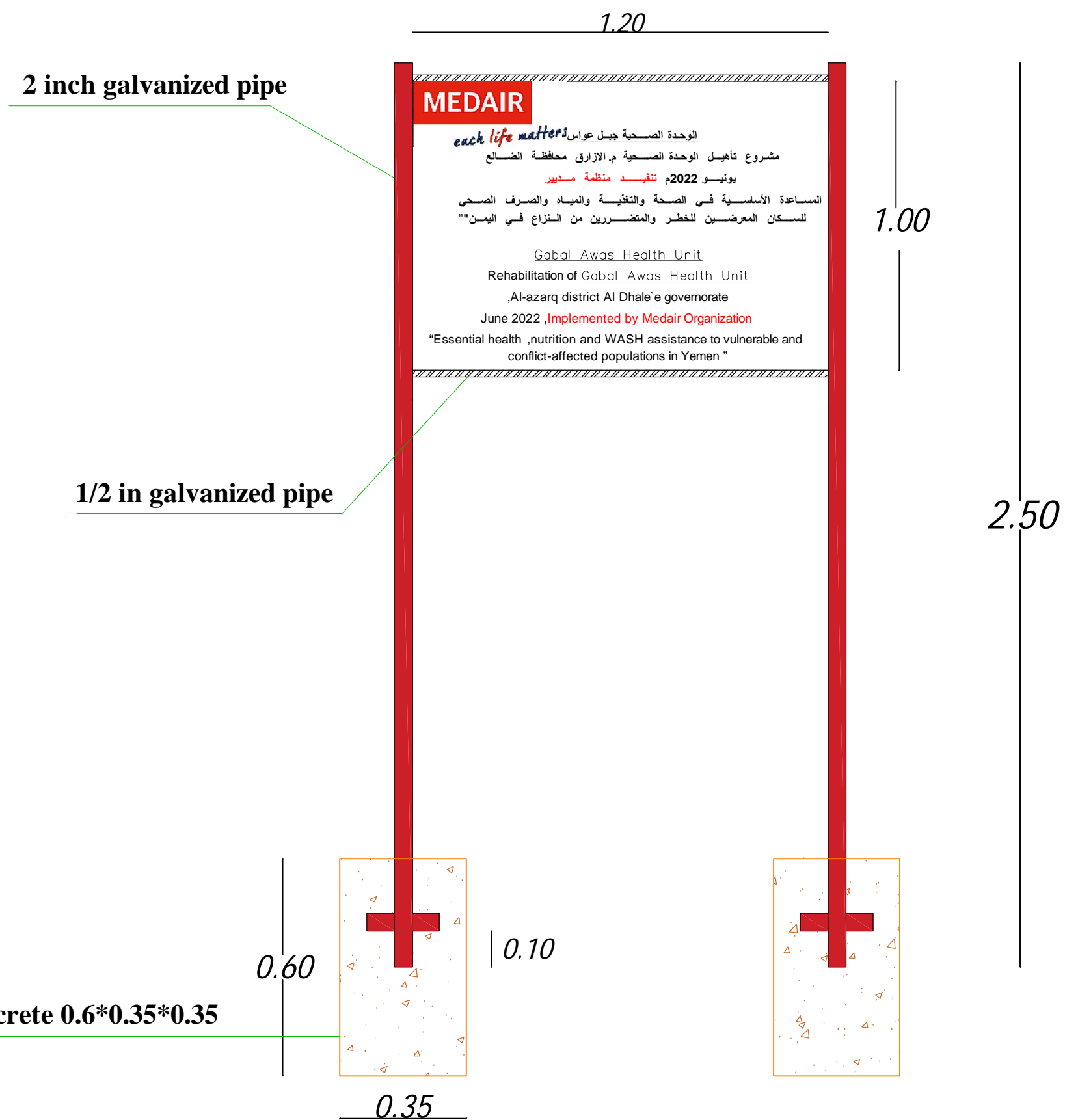
16

SCALE:

()

DATE:

(Jun.2022)



Dimensions Details

All Dimensions in drawing in meter otherwise as specified in drawing

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PROJECT NAME:

REHABILITATION OF GABAL AWAS H.F

DRAWING TITLE:

SIGN METAL BOARD

DESIGNED BY:

DRAWING NO: (18)

SCALE: ()

CHECKED BY:

DATE: (Jun.2022)