

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F. YEM-134

DRAWING TITLE:

Site plan Before intervention

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

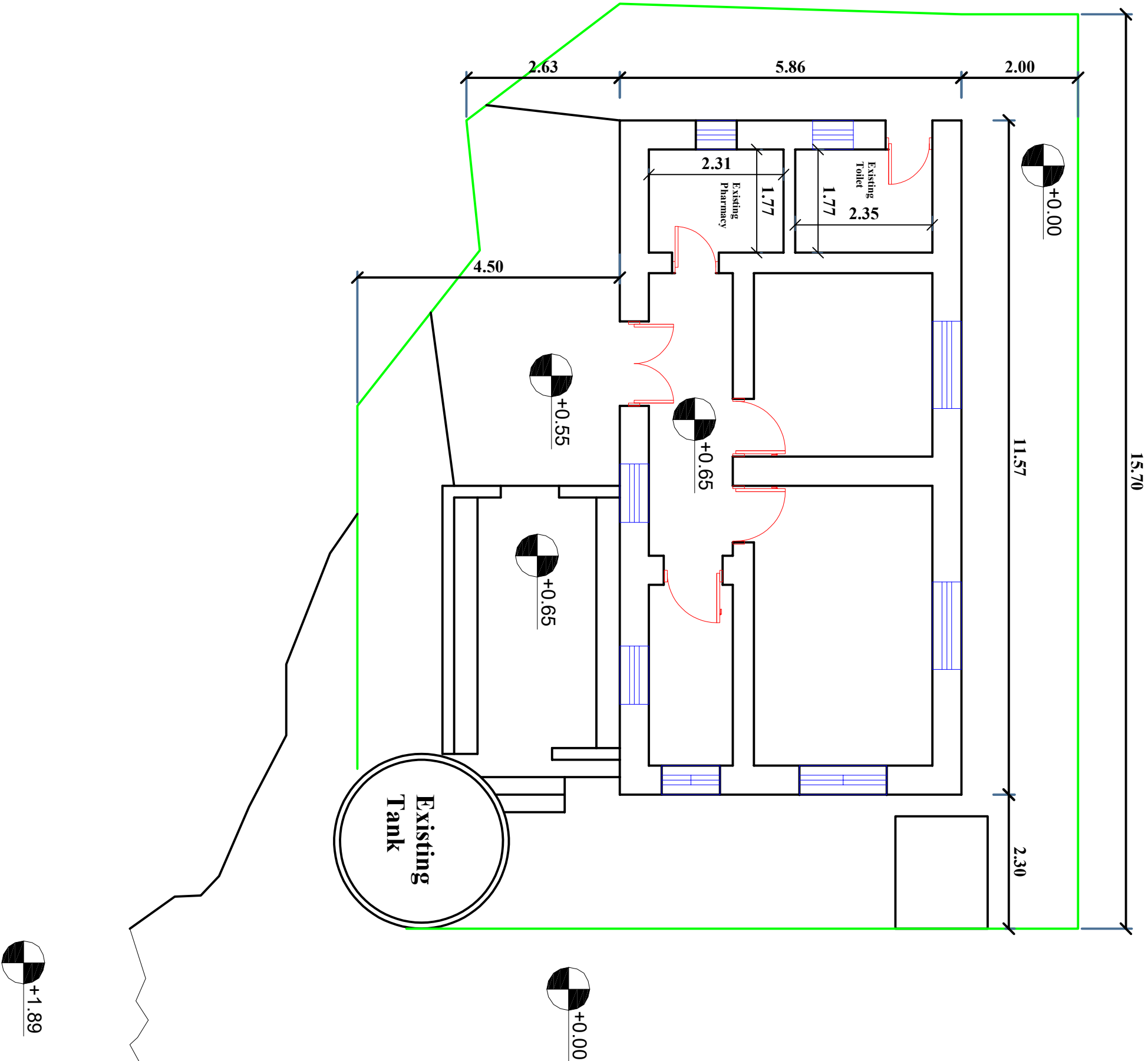
01

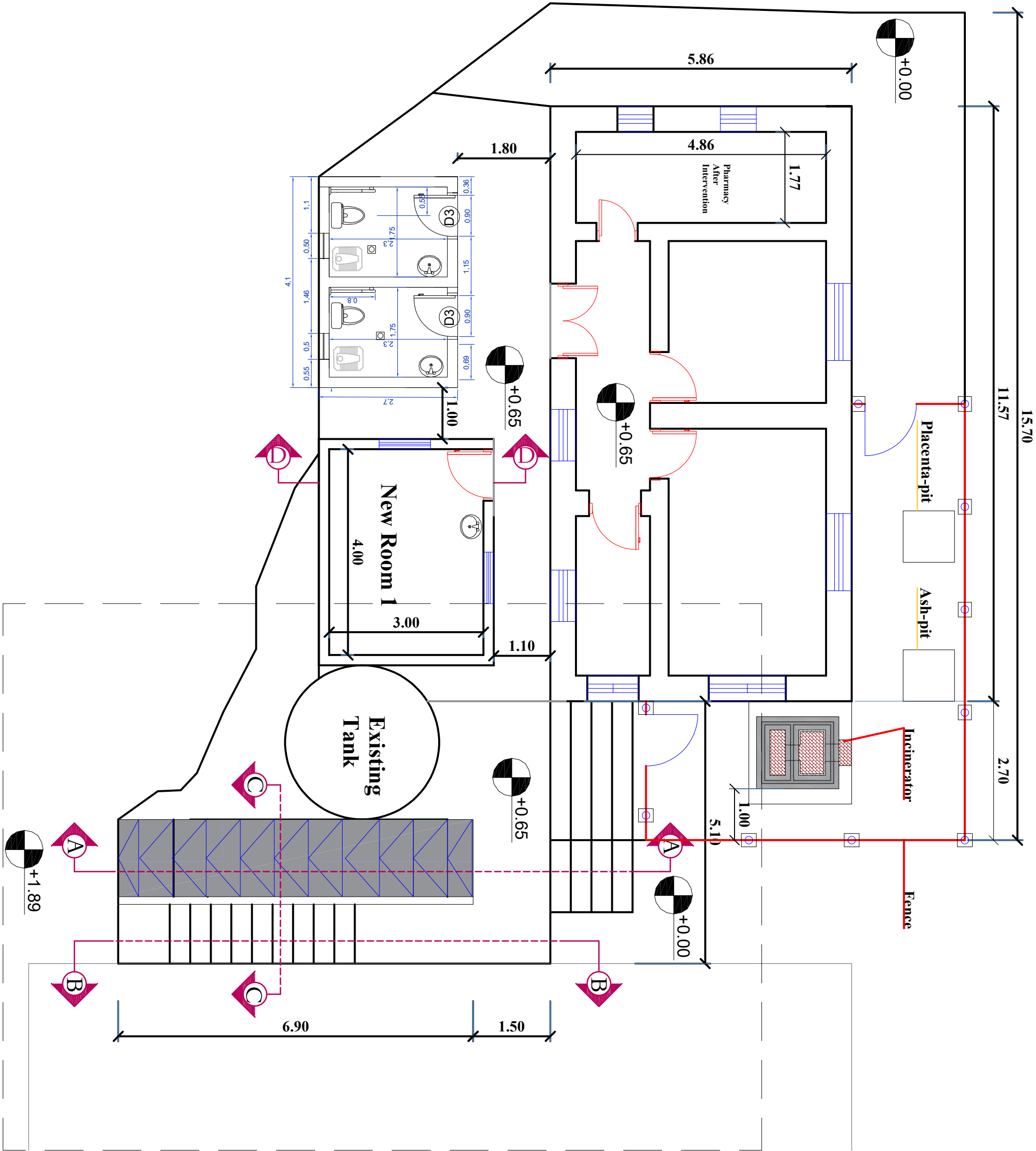
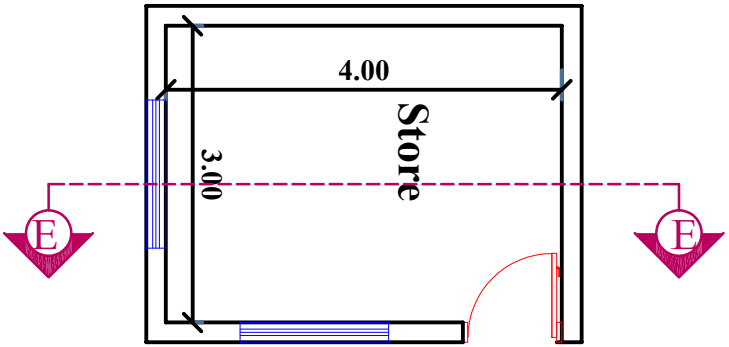
SCALE:

( )

DATE:

(August.2023)





MEDAIR

each life matters

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F YEM-134

DRAWING TITLE:

Site Plan of HF After intervention

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

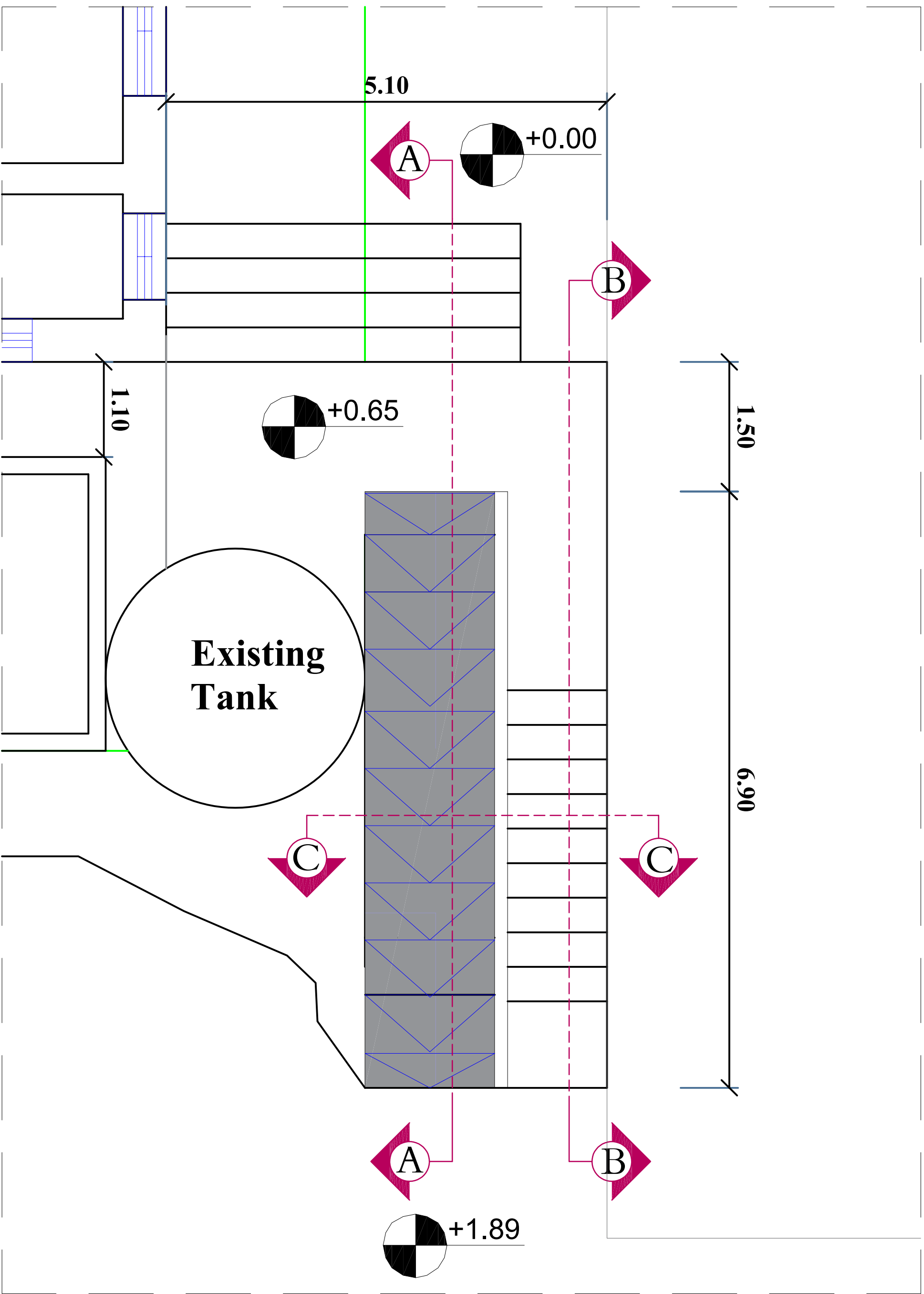
02

SCALE:

( )

DATE:

(August.2023)



**MEDAIR**

each **life** matters

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F. YEM-134

DRAWING TITLE:

Zoom In for ramp

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO.:

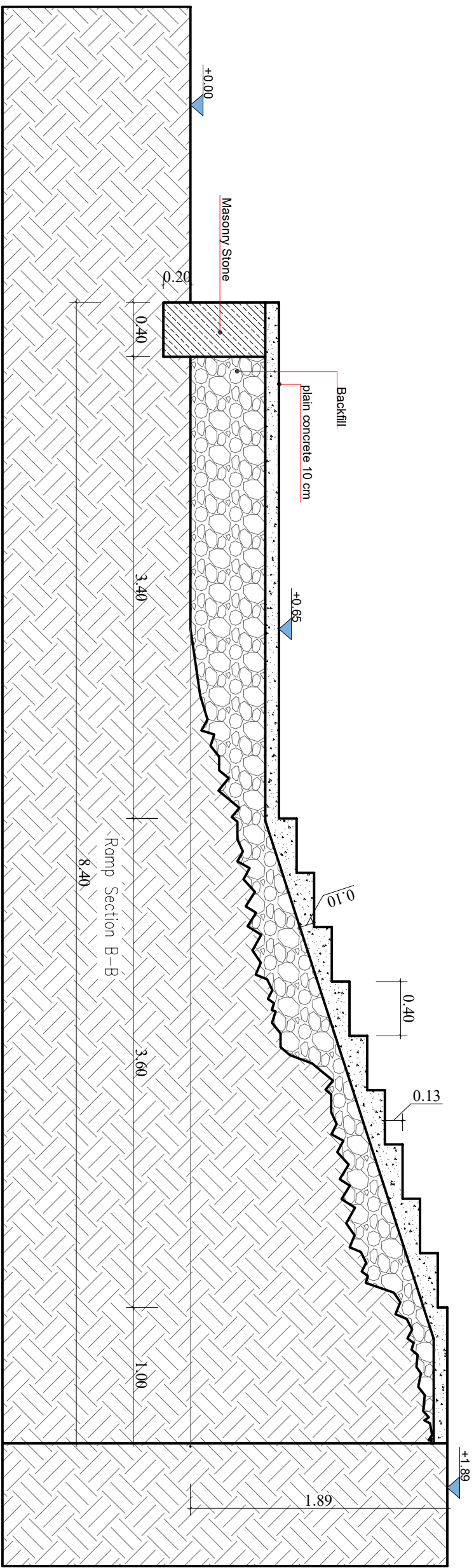
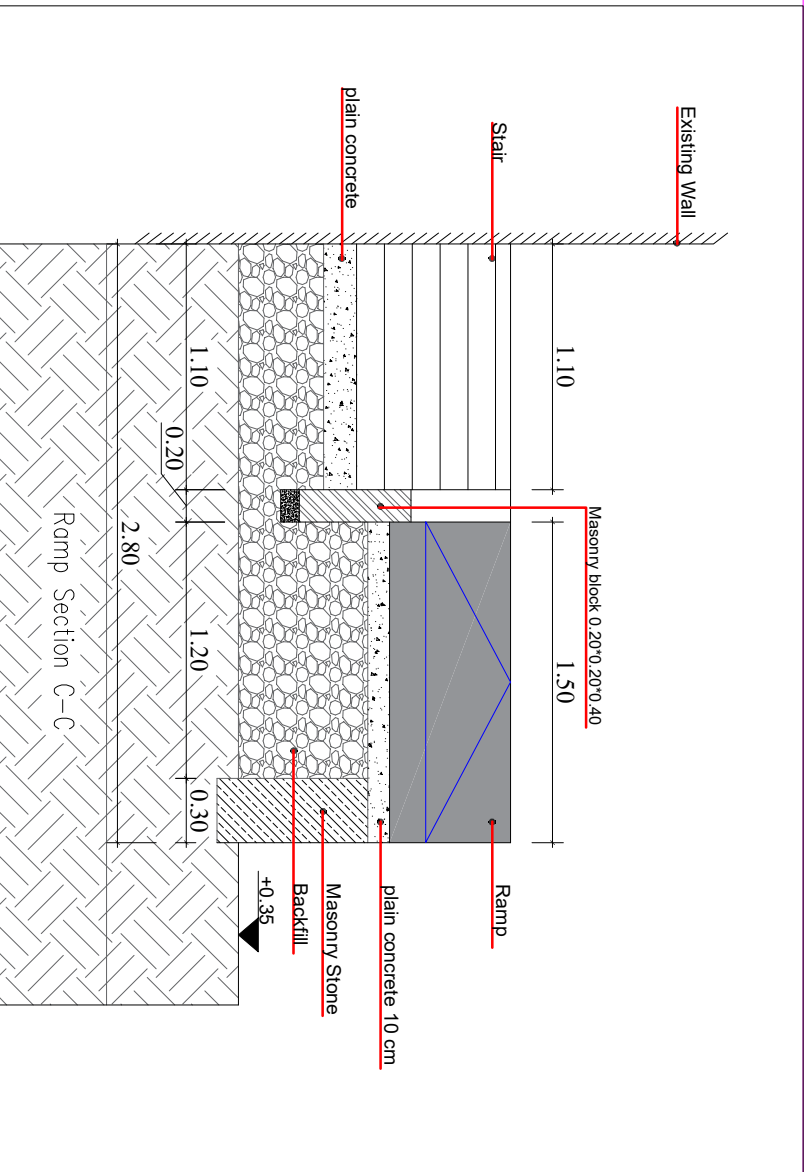
03

SCALE:

(

DATE:

(August.2023)



**MEDAIR**

each life matters

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F. YEM-134

DRAWING TITLE:

Stair Section (B-B)&(C-C)

DESIGN BY:

ALD WASH TEAM

DRAWING NO.:

04

SCALE:

$$(\quad)$$

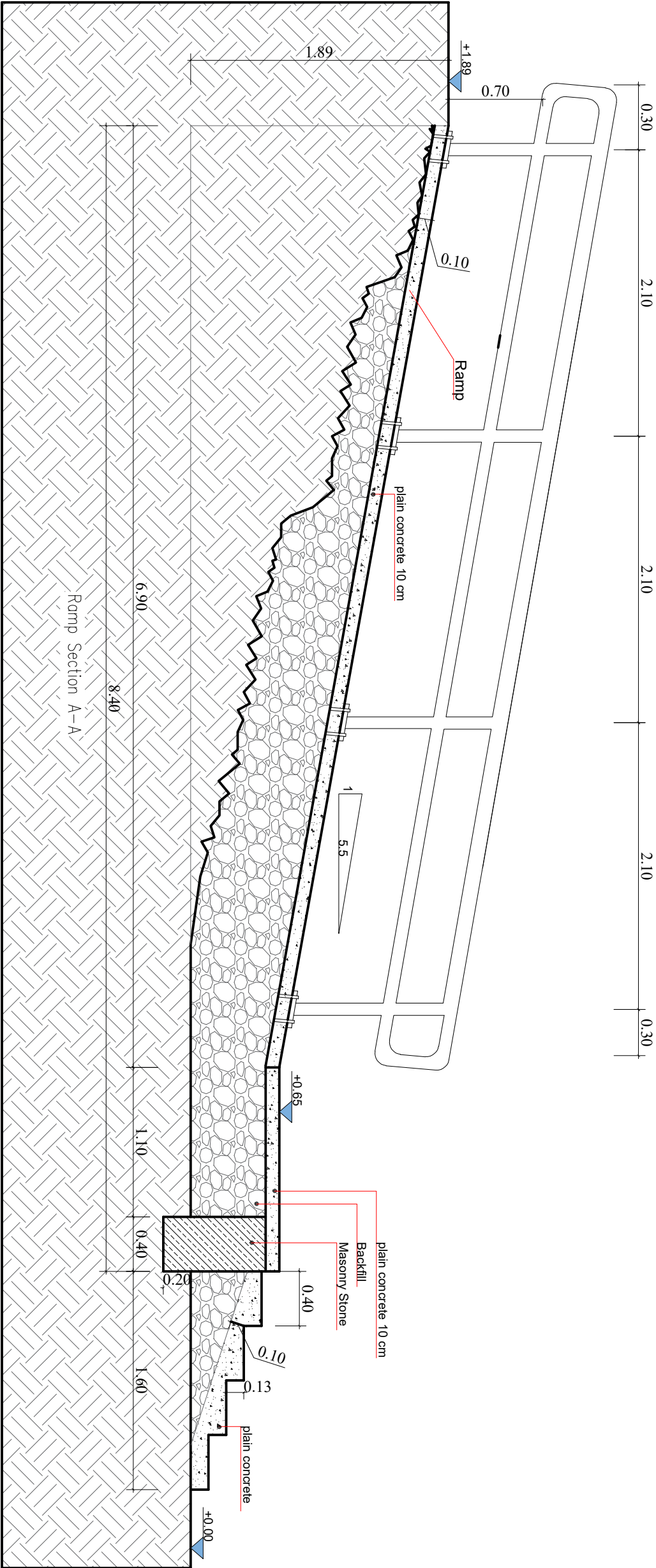
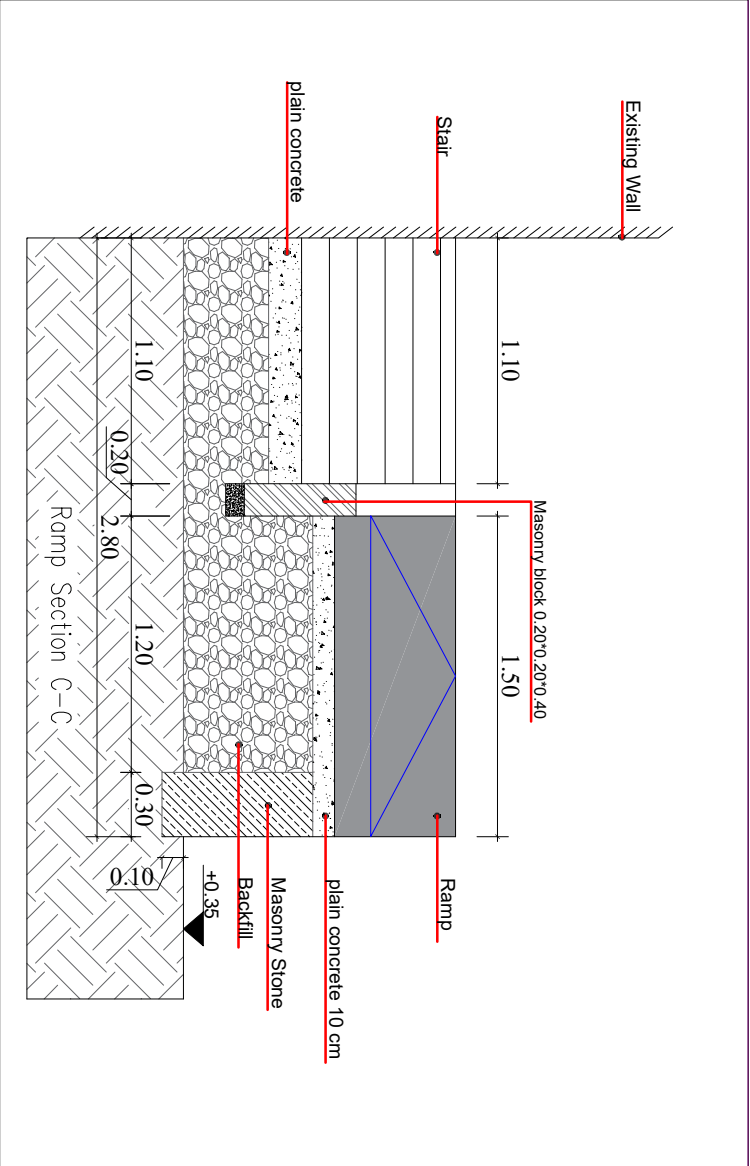
CHECKED BY:

ALD WASH TEAM

DATE:

(August.2023)





MEDAIR

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PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F. YEM-134

DRAWING TITLE:

Ramp Section (A-A)&(C-C)

DESIGN BY:

ALD WASH TEAM

DRAWING NO:

05

CHECKED BY:

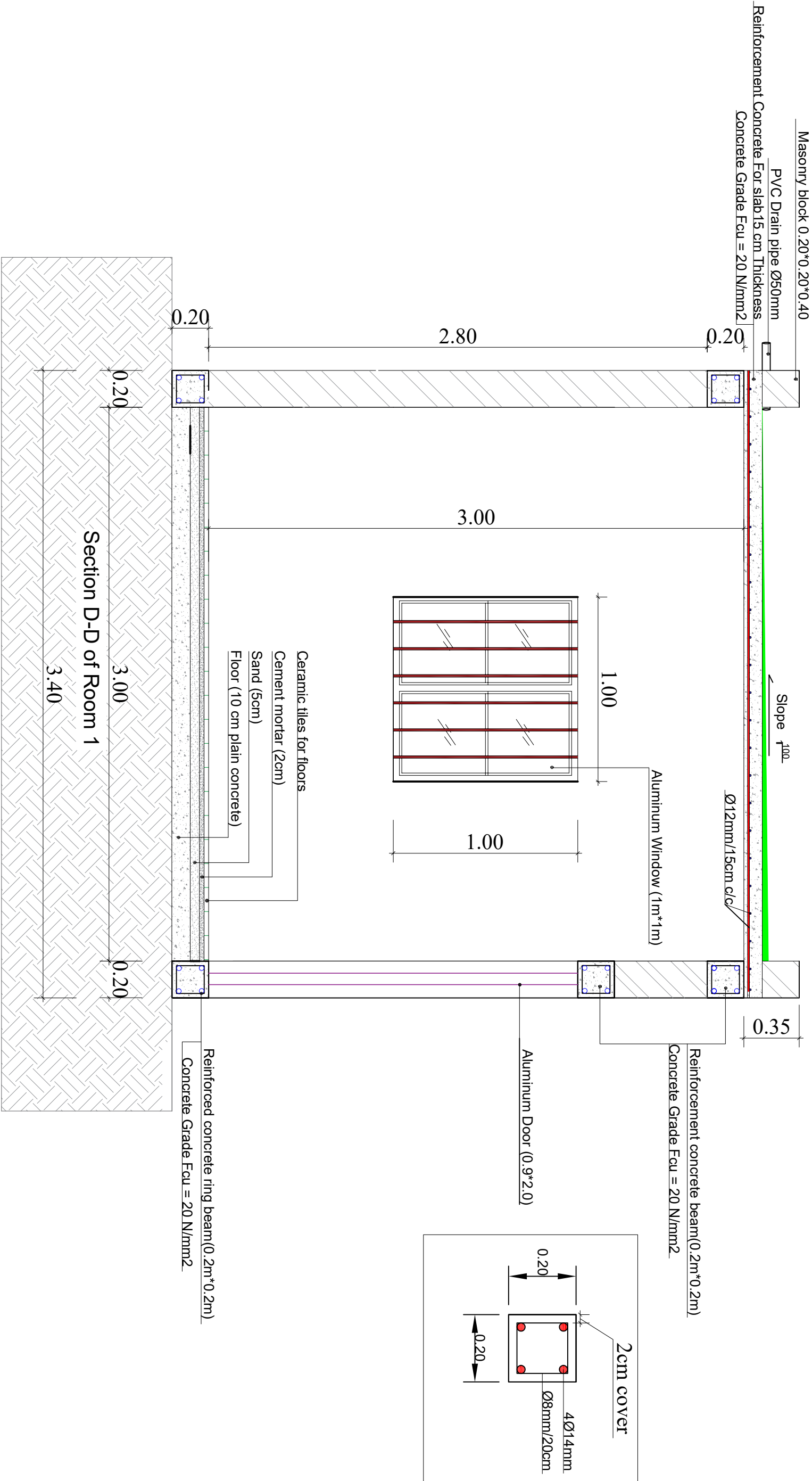
ALD WASH TEAM

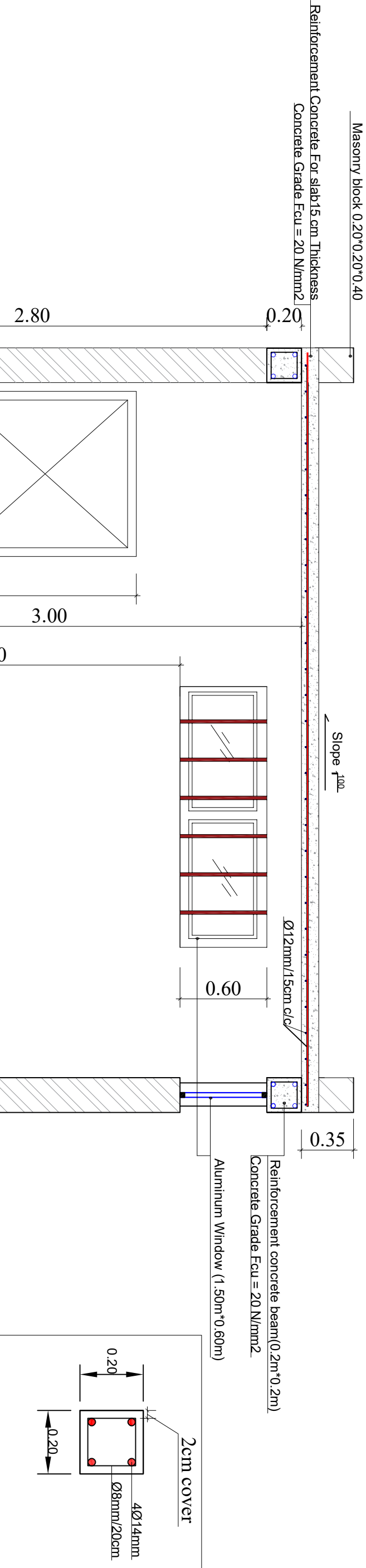
SCALE:

( )

DATE:

(August.2023)





MEDAIR

each life matters

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F YEM-134

DRAWING TITLE:

Section E-E of Store

DESIGN BY:

ALD WASH TEAM

DRAWING NO:

07

CHECKED BY:

ALD WASH TEAM

SCALE:

( )

DATE:

(August.2023)

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

4,1

0,55

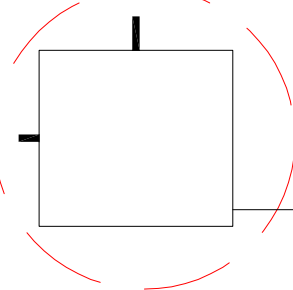
0,5

1,46

0,50

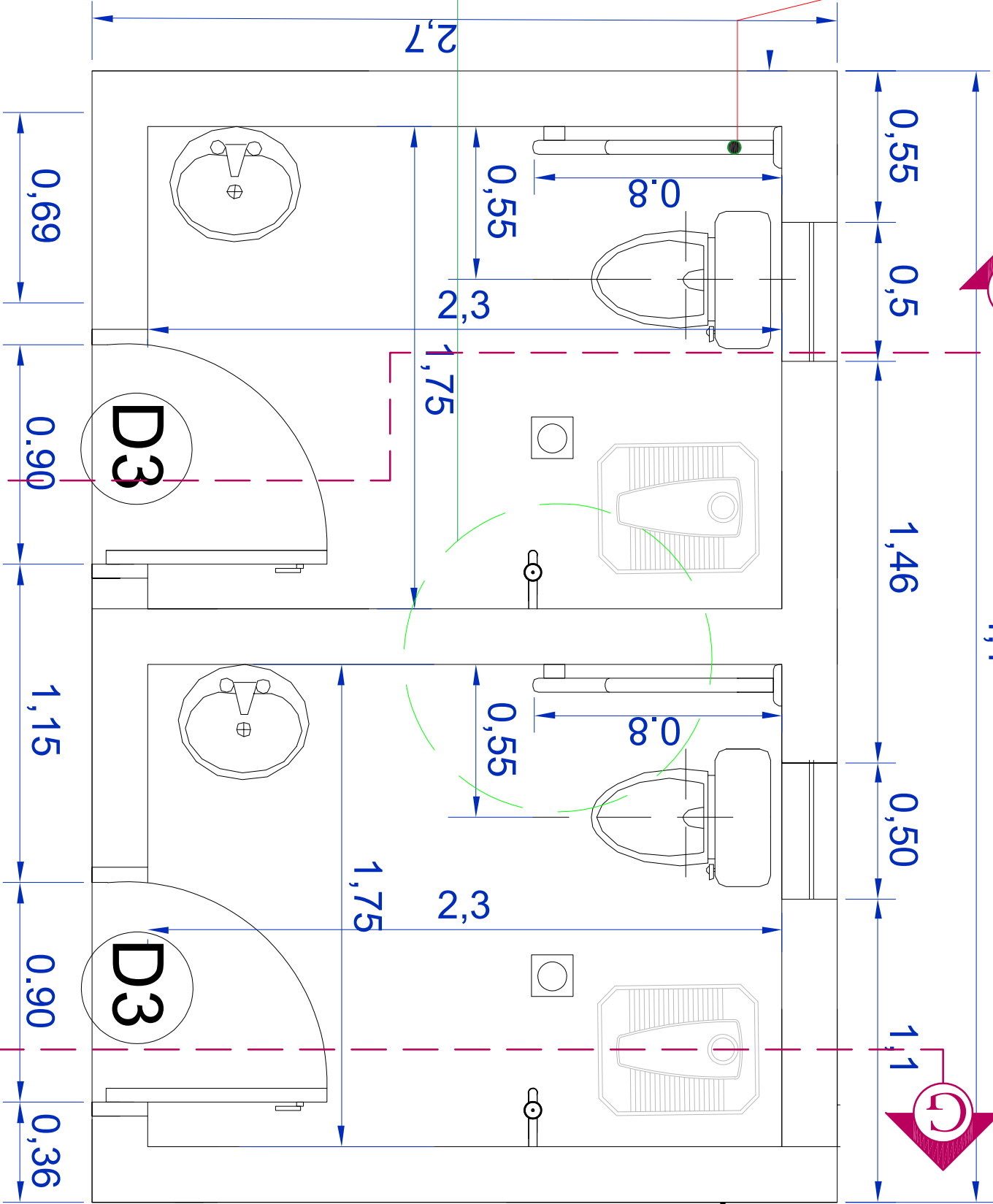
1,1

Location of Upper Plastic Tank 1500L



Manholes

Details - A



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PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F. YEM-134

DRAWING TITLE:

Female Toilets Plan

DESIGN BY:

ALD WASH TEAM

DRAWING NO:

08

CHECKED BY:

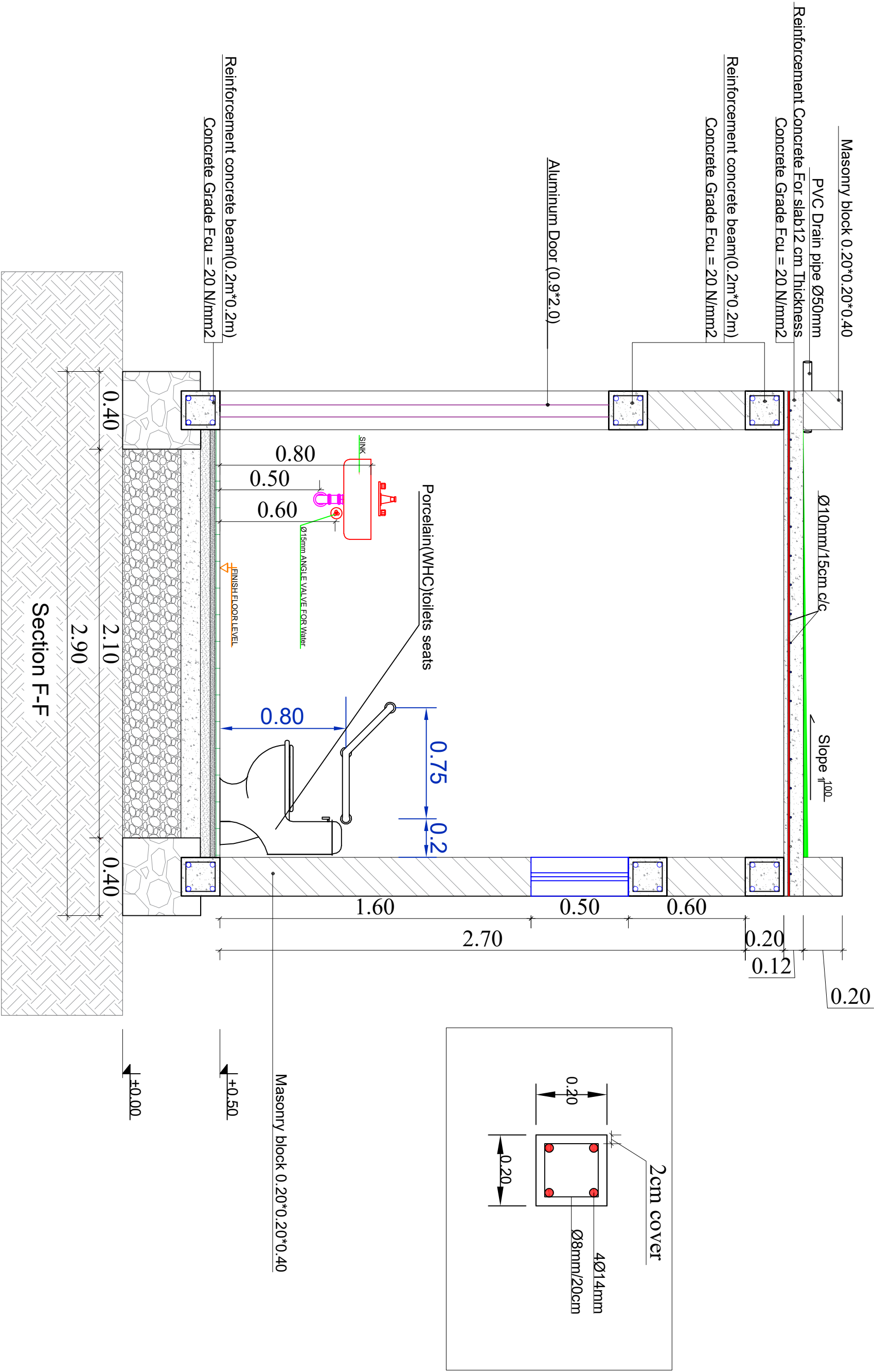
ALD WASH TEAM

SCALE:

(1:20 )

DATE:

(August.2023)



MEDAIR

each life matters

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F YEM-134

DRAWING TITLE:

Toilets Section F-F

DESIGN BY:

ALD WASH TEAM

DRAWING NO:

09

CHECKED BY:

ALD WASH TEAM

SCALE:

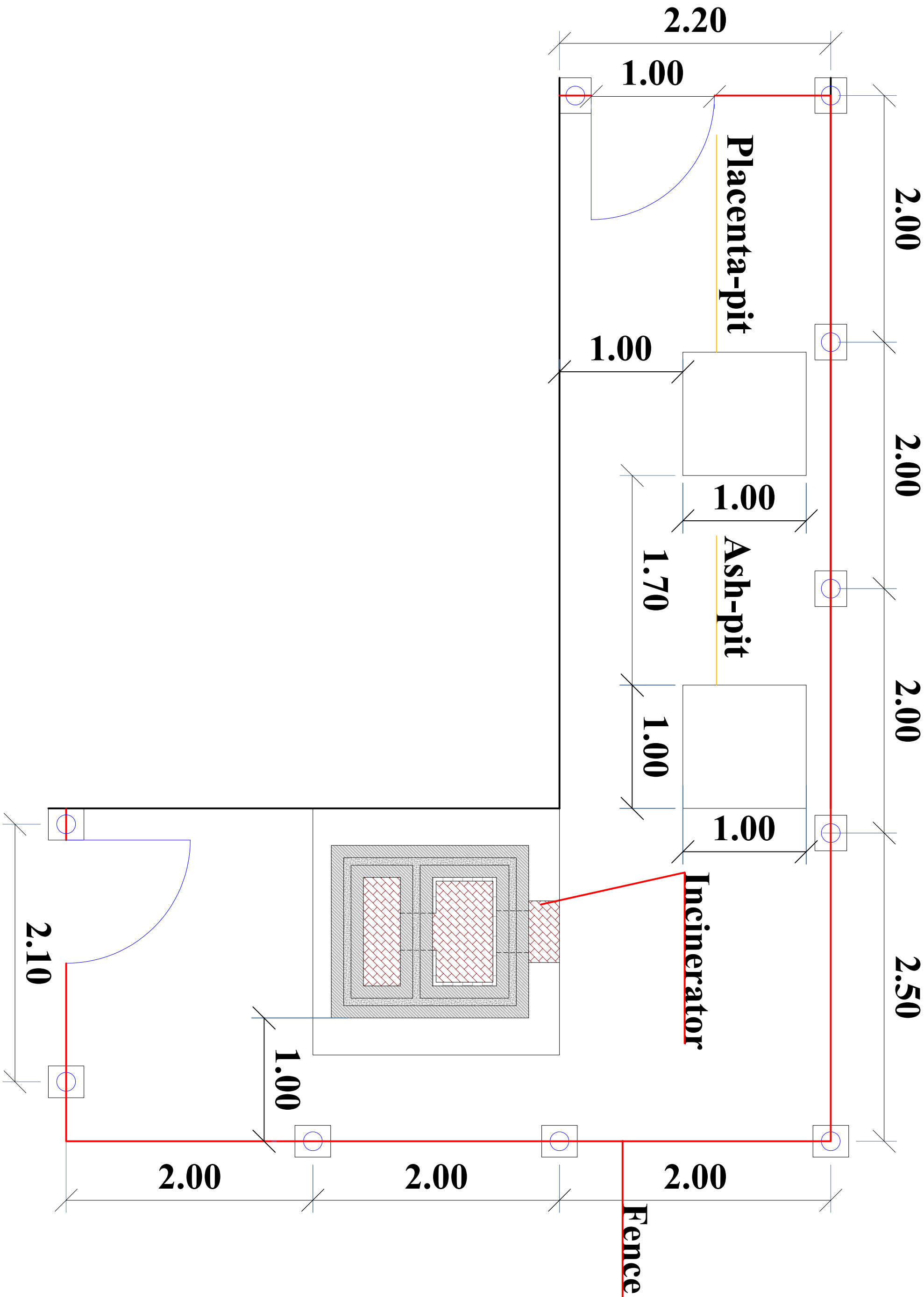
( 1:20 )

DATE:

(August.2023)







MEDAIR

each life matters

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F YEM-134

DRAWING TITLE:

Plan of Fence

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

11

SCALE:

( )

DATE:

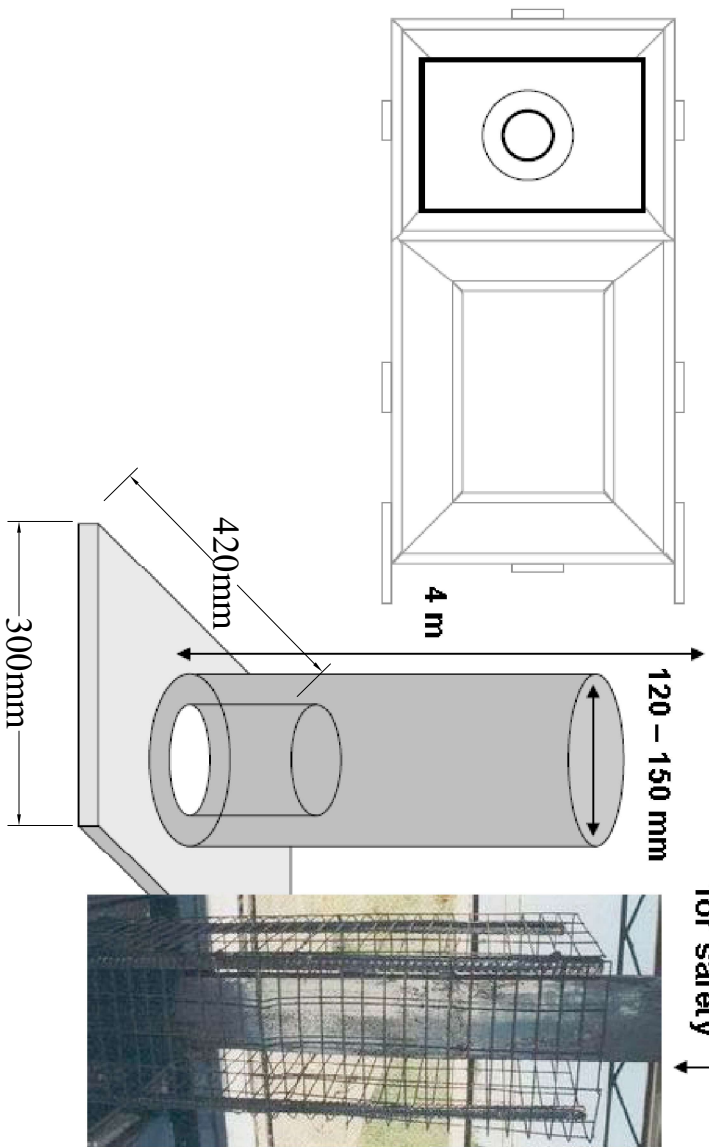
(August.2023)



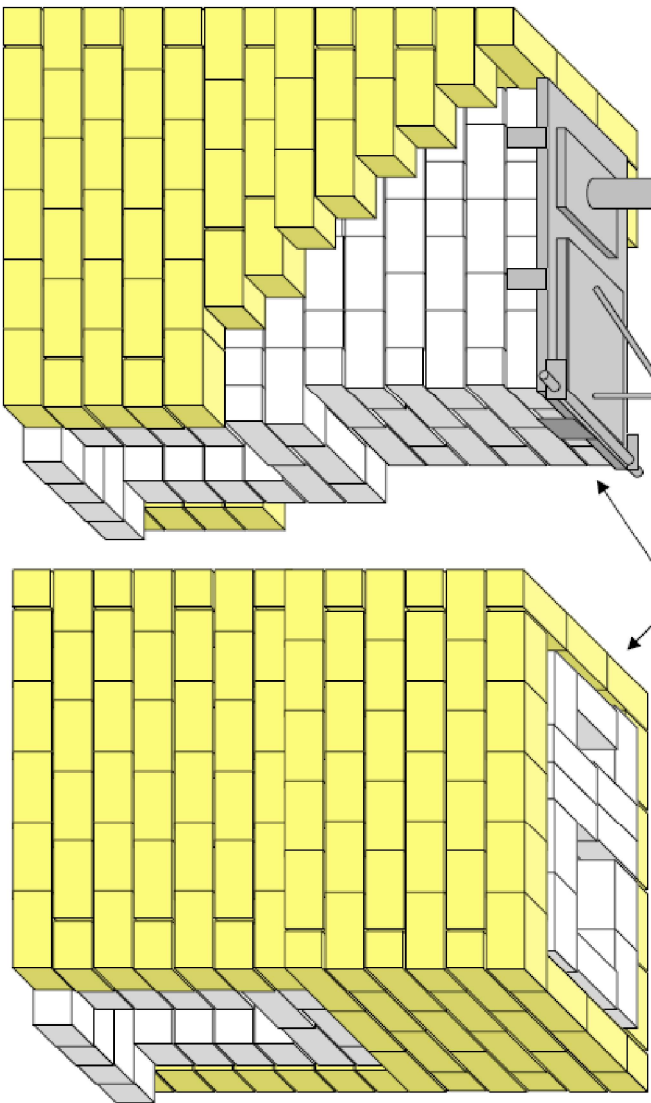


CHIMNEY

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

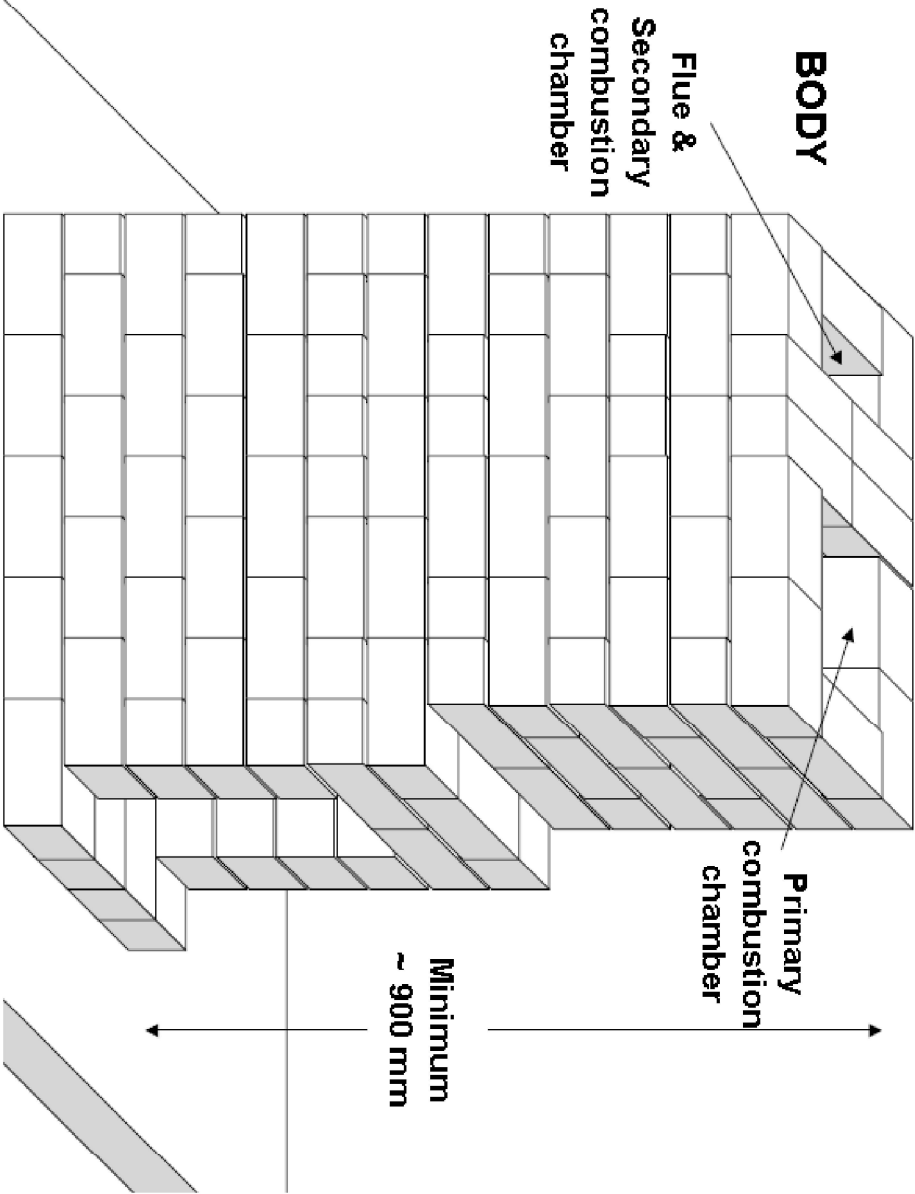


OUTER WALL

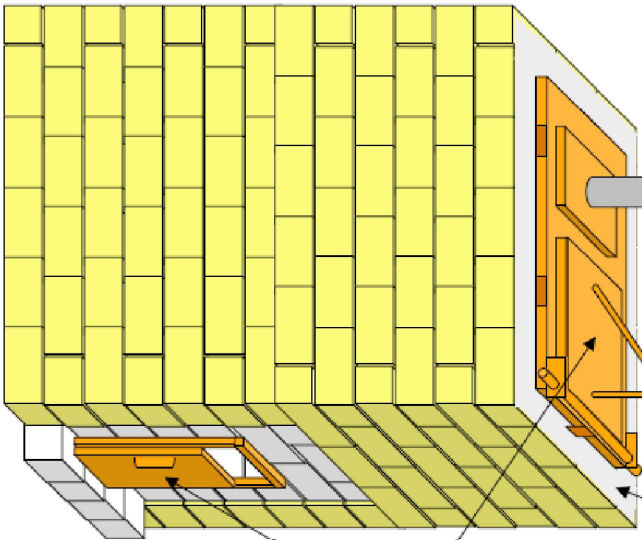


Ensure there is enough space for the top frame locators to fit between the inner and outer walls

BODY



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 Al-Sulukah H.F YEM-134

DRAWING TITLE:

De Montfort Incinerator

DESIGN BY:

ALD WASH TEAM

DRAWING NO:

13

SCALE:

( )

CHECKED BY:

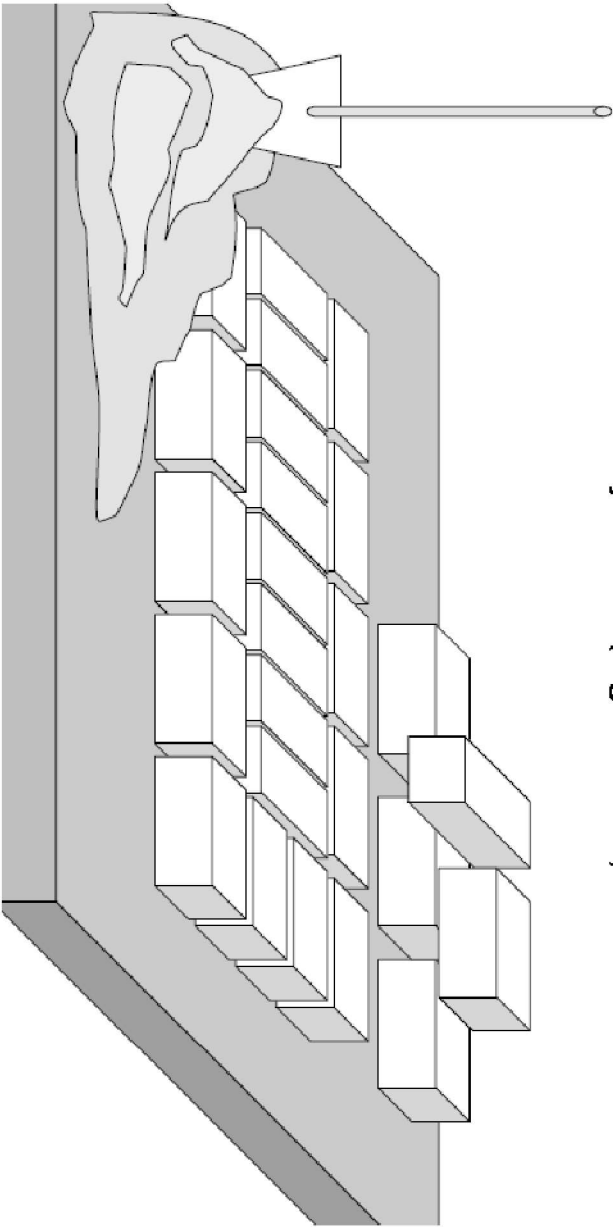
ALD WASH TEAM

DATE:

(August.2023)

FOUNDATION

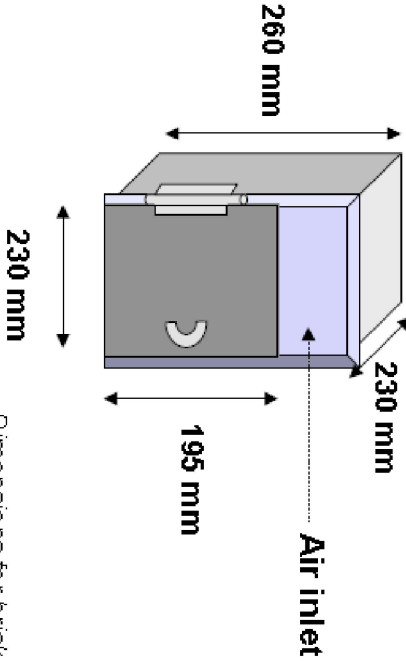
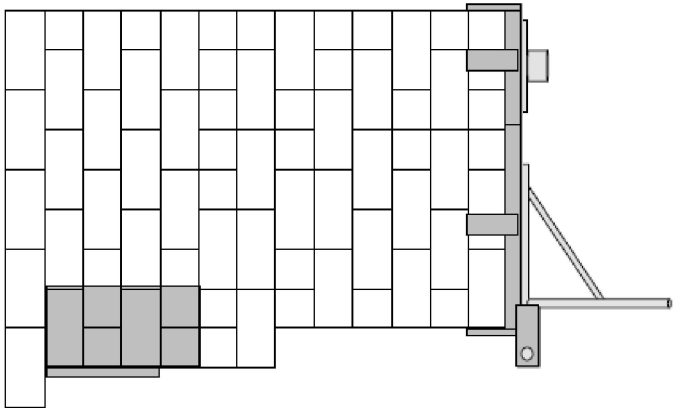
Concrete foundation: L x W x H = 2m x 2m x 0.15m  
Refractory bricks: L x W x H = approx. 230 x 110 x 65 mm  
Mortar: Refractory cement (high alumina)



ASH DOOR & SUPPORT

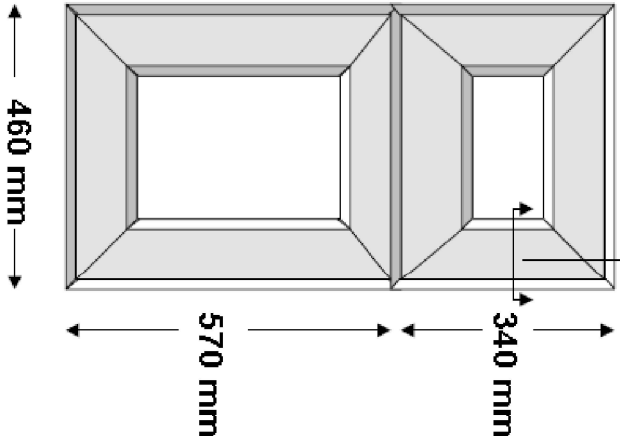
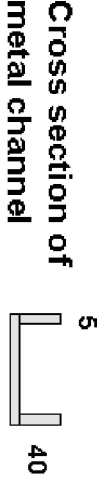
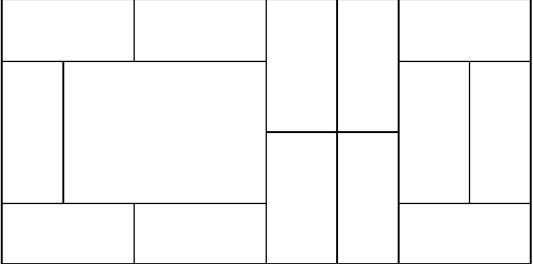
The brick arch at the front is supported by a steel tunnel (3mm thickness). Steel angle (30x30x3) welded around the front edge of the tunnel forms the support for the ash door, which is hinged.

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



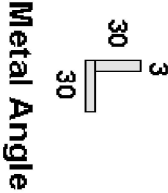
Dimensions for brick size (230 x 100 x 65), may need to be adjusted

TOP FRAME

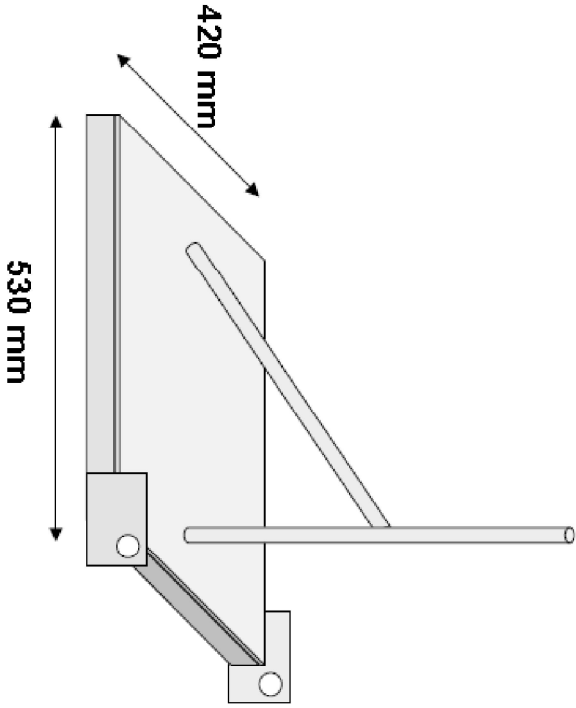


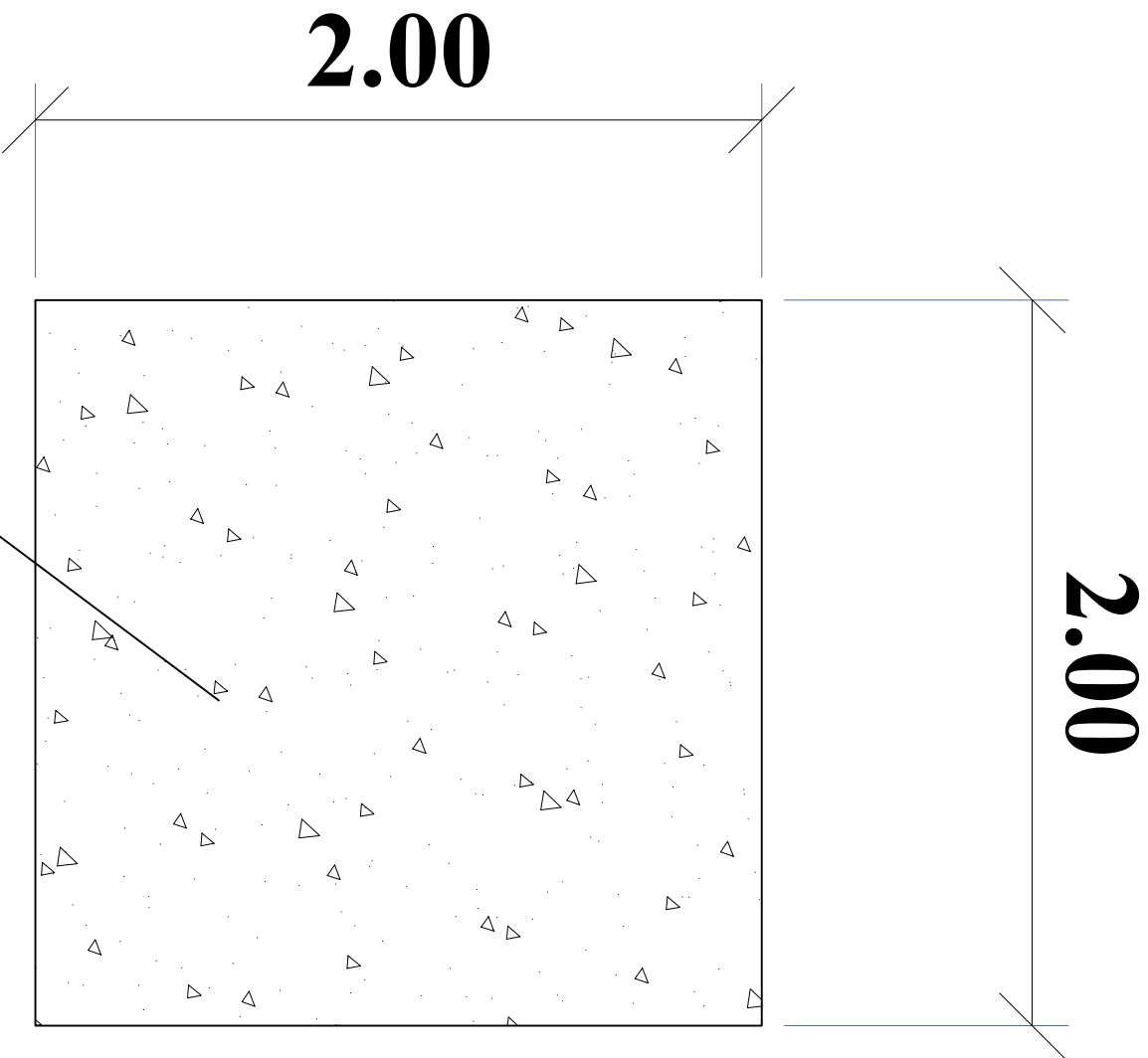
LOADING DOOR

Underside

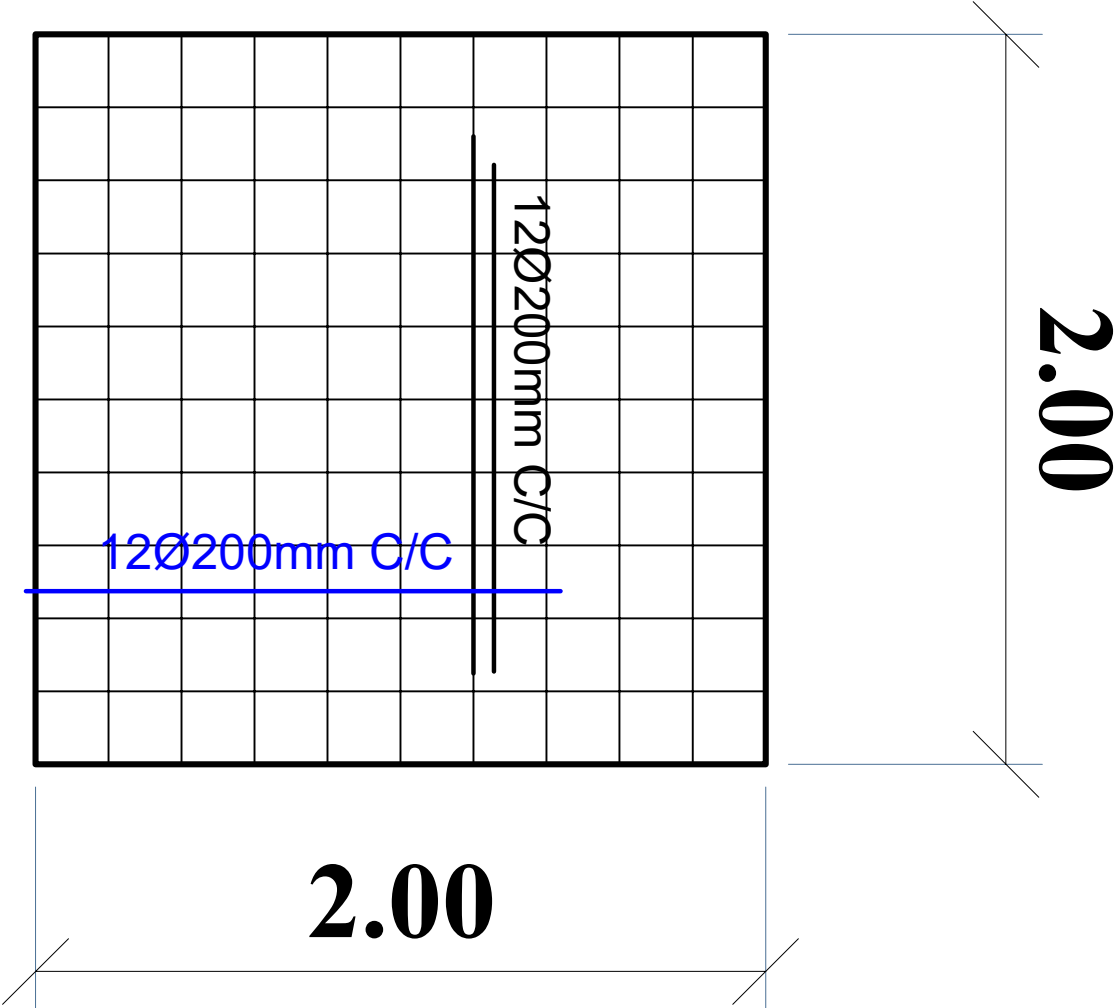


The loading door is made from a frame of metal angle (30 x 30 x 3) with a plate of 3mm steel welded on top.





RCC Foundation



Steel bar 12mm dis -200 mm c/c

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F YEM-134

DRAWING TITLE:

RCC Foundation Incinerator

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

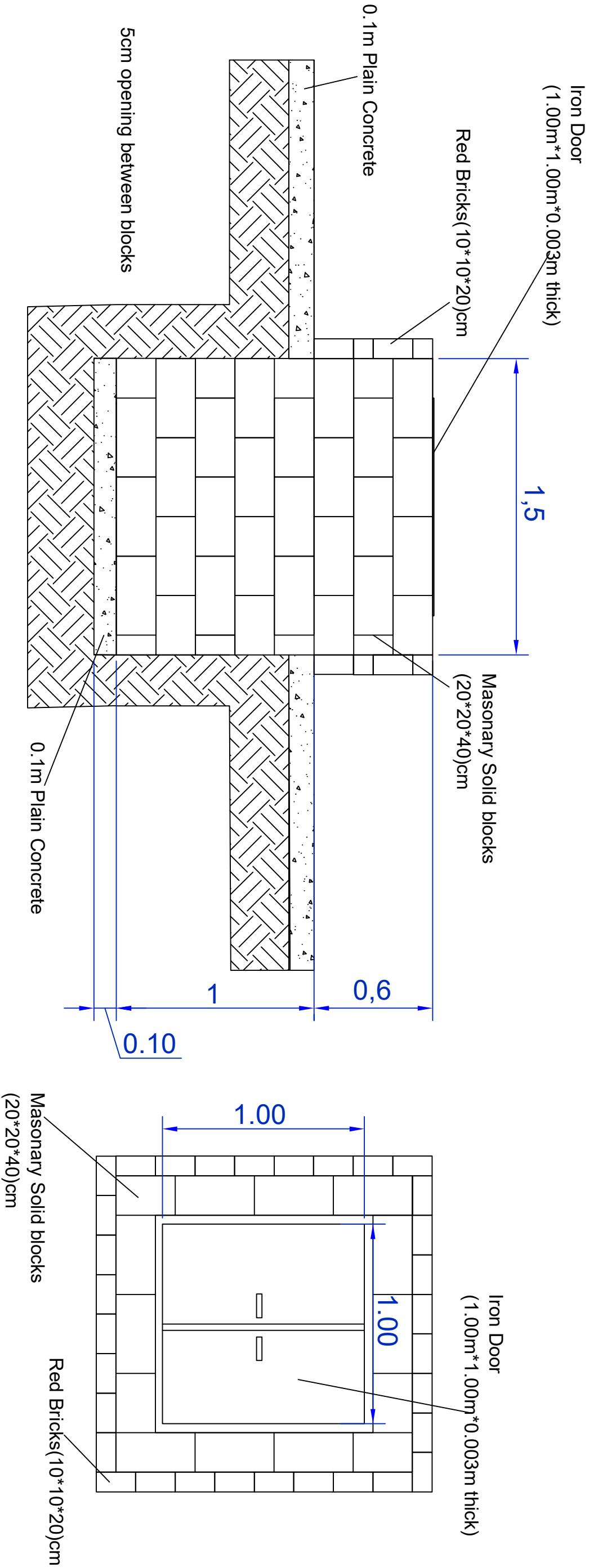
15

SCALE:

( )

DATE:

(August.2023)



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PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F YEM-134

DRAWING TITLE:

Ash Pit

DESIGN BY:

ALD WASH TEAM

CHECKED BY:

ALD WASH TEAM

DRAWING NO:

16

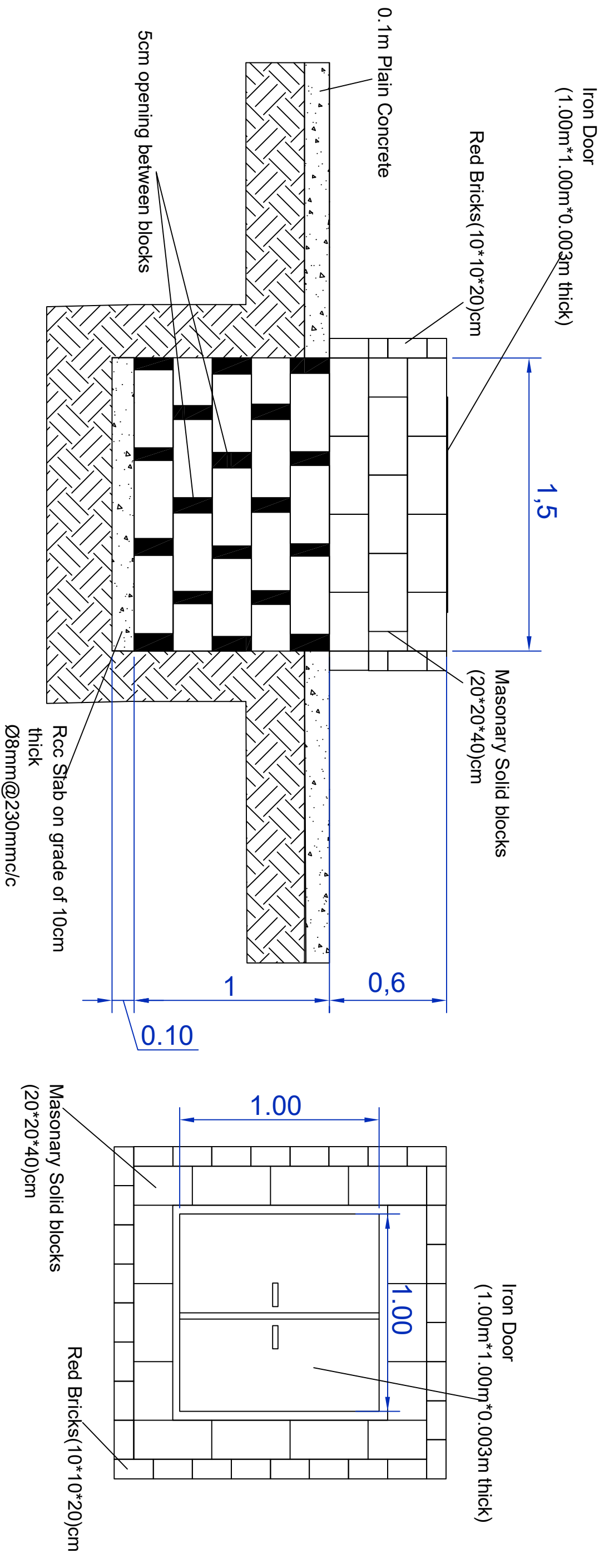
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DATE:

(August.2023)





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

Rcc Slab on grade of 10cm  
thick  
Ø8mm@230mmc/c

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

Masonry Solid blocks  
(20\*20\*40)cm

Red Bricks(10\*10\*20)cm

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PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F. YEM-134

DRAWING TITLE:

Placenta Pit

DESIGN BY:

## ALD WASH TEAM

DRAWING NO.:

17

SCALE: ( )

CHECKED BY:

## ALD WASH TEAM

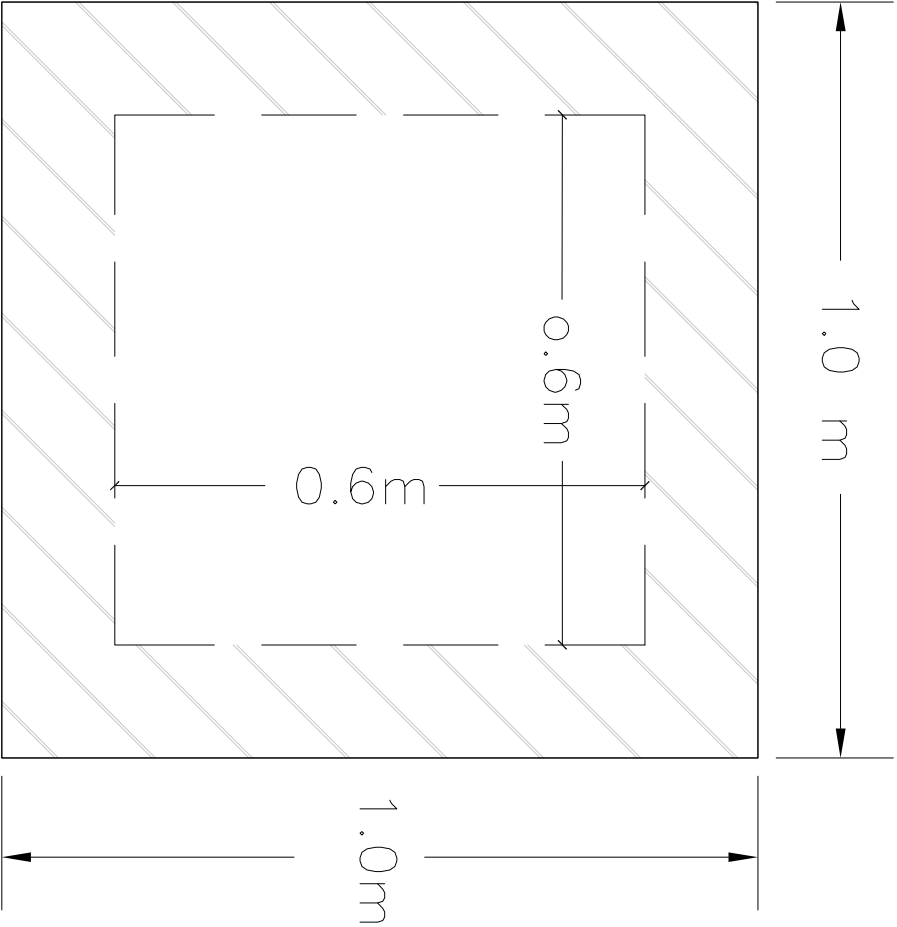
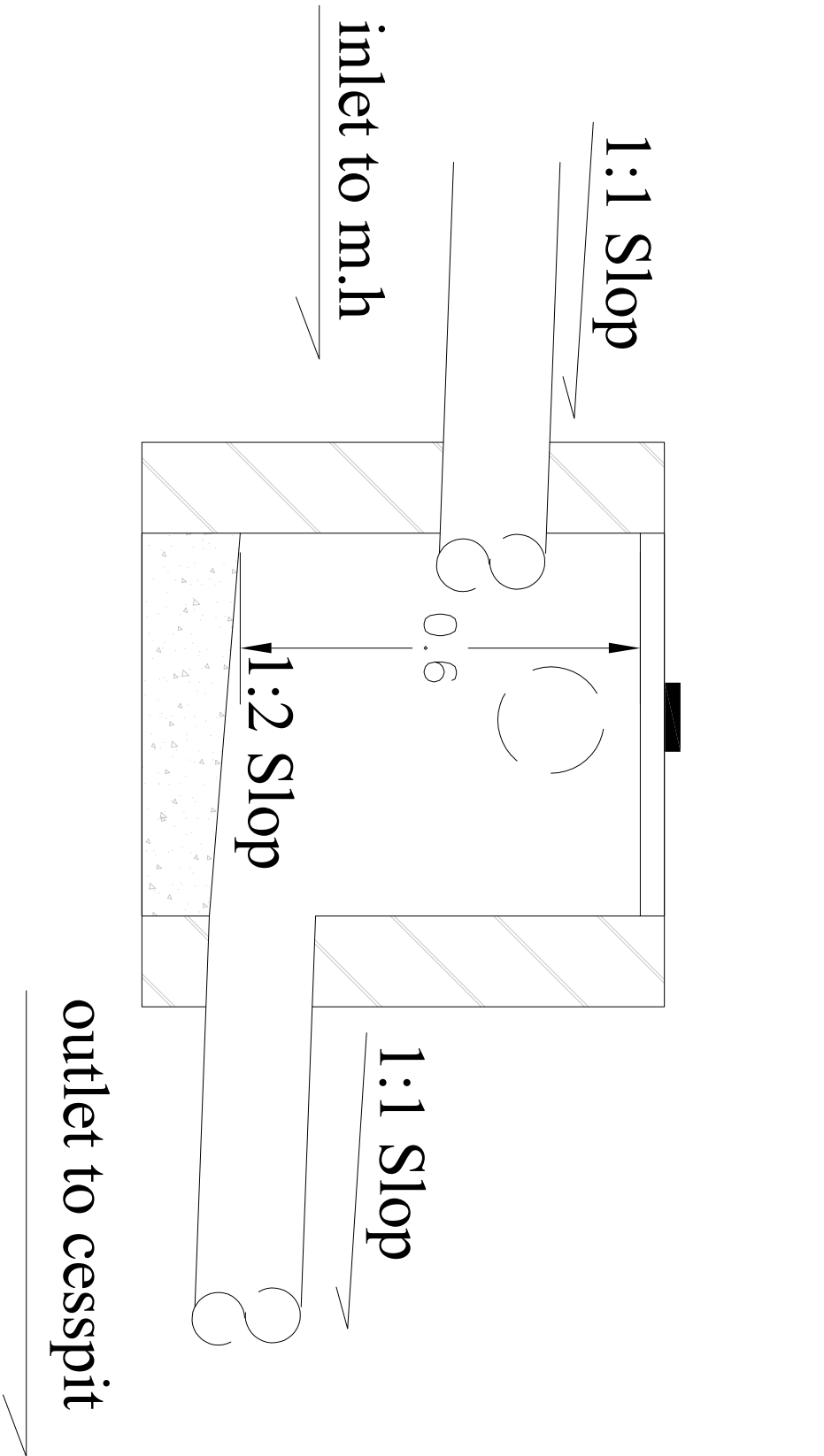
DATE:

(August.2023)





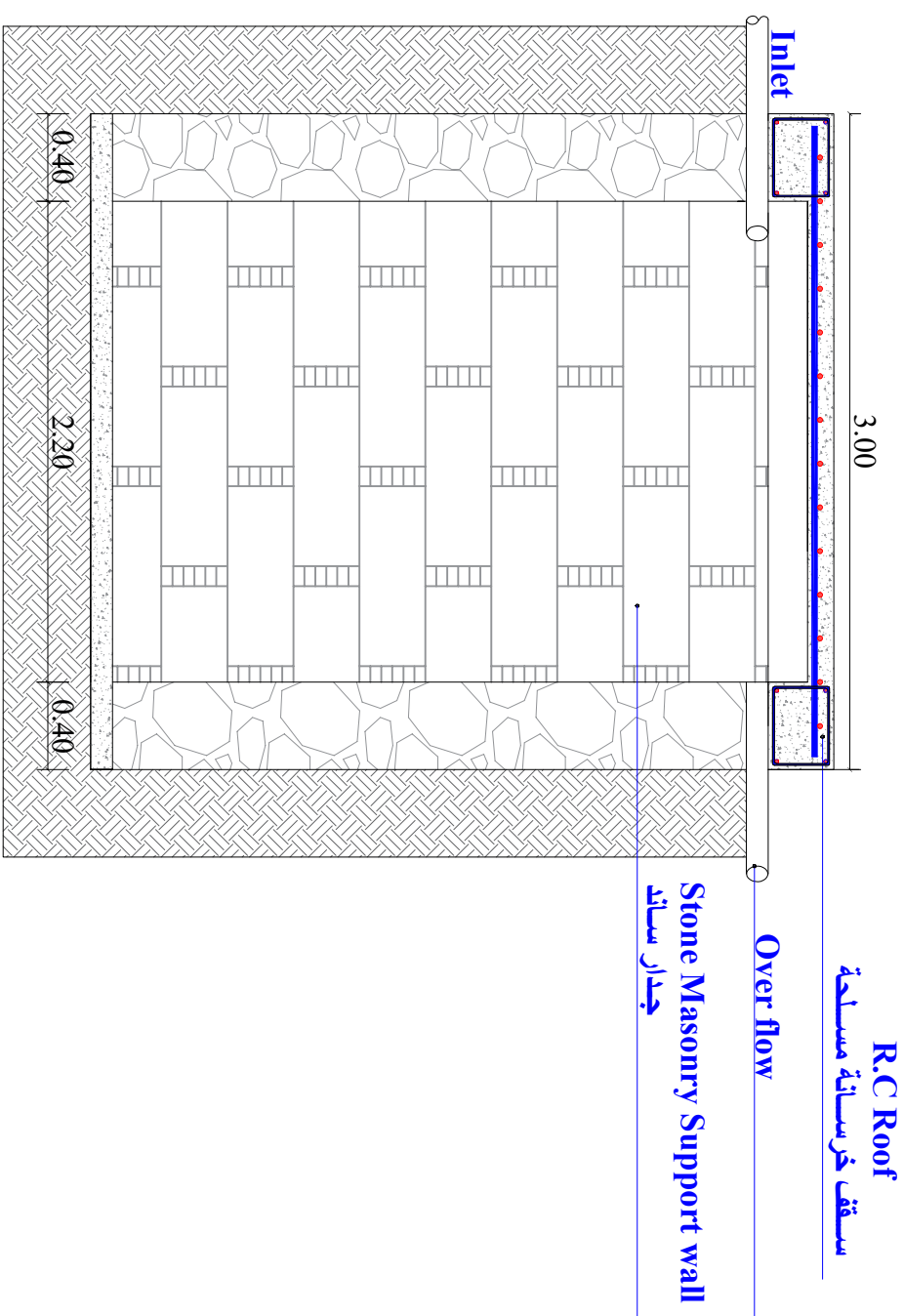
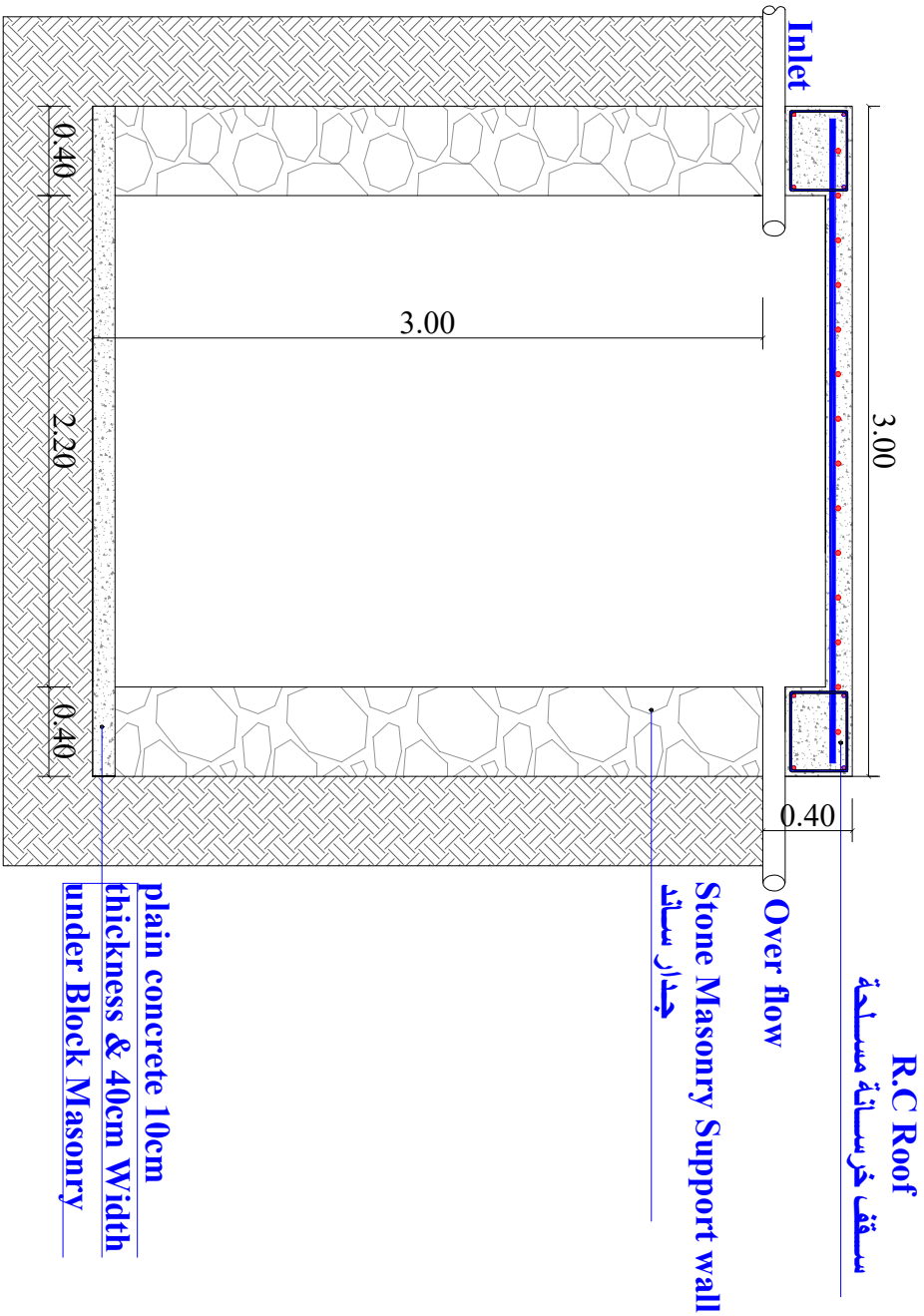
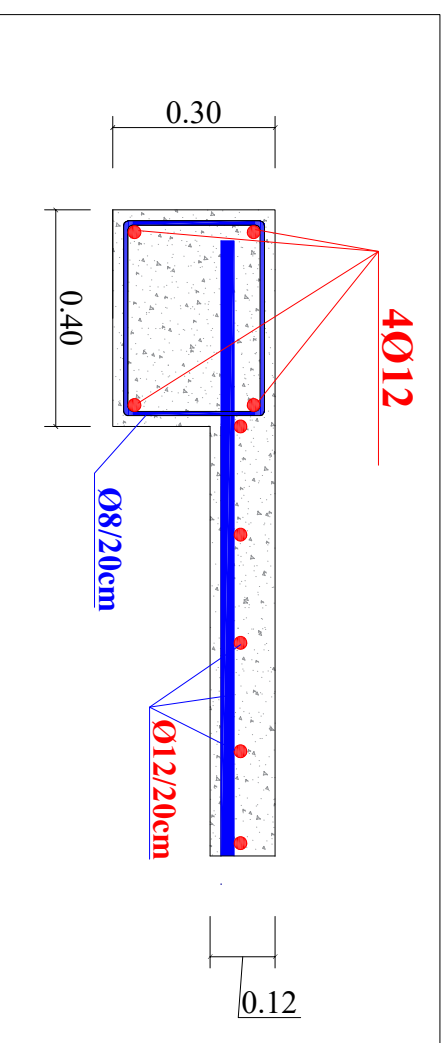
Details - A



Section M.H

Plan M.H

<div>MEDAIR</div> <div>each life matters</div>		<div>PROJECT NAME:</div> <div>REHABILITATION OF Al-Sulukah H.F YEM-134</div>		<div>DRAWING TITLE:</div> <div>Detail-A(For Connection of Tow Manholes)</div>		<div>DESIGN BY:</div> <div>ALD WASH TEAM</div>		<div>DRAWING NO:</div> <div>19</div>	
						<div>CHECKED BY:</div> <div>ALD WASH TEAM</div>		<div>SCALE:</div> <div>( 1:10 )</div>	
								<div>DATE:</div> <div>(August.2023)</div>	



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each life matters

PROJECT NAME:

REHABILITATION OF Al-Sulukah H.F. YEM-134

DRAWING TITLE:

### Elevation & Section of Cesspit with Details R.C Roof

DESIGN BY:

ALD WASH TEAM

DRAWING NO.:

20

SCALE:

⌈

DATE:

(August.2023)