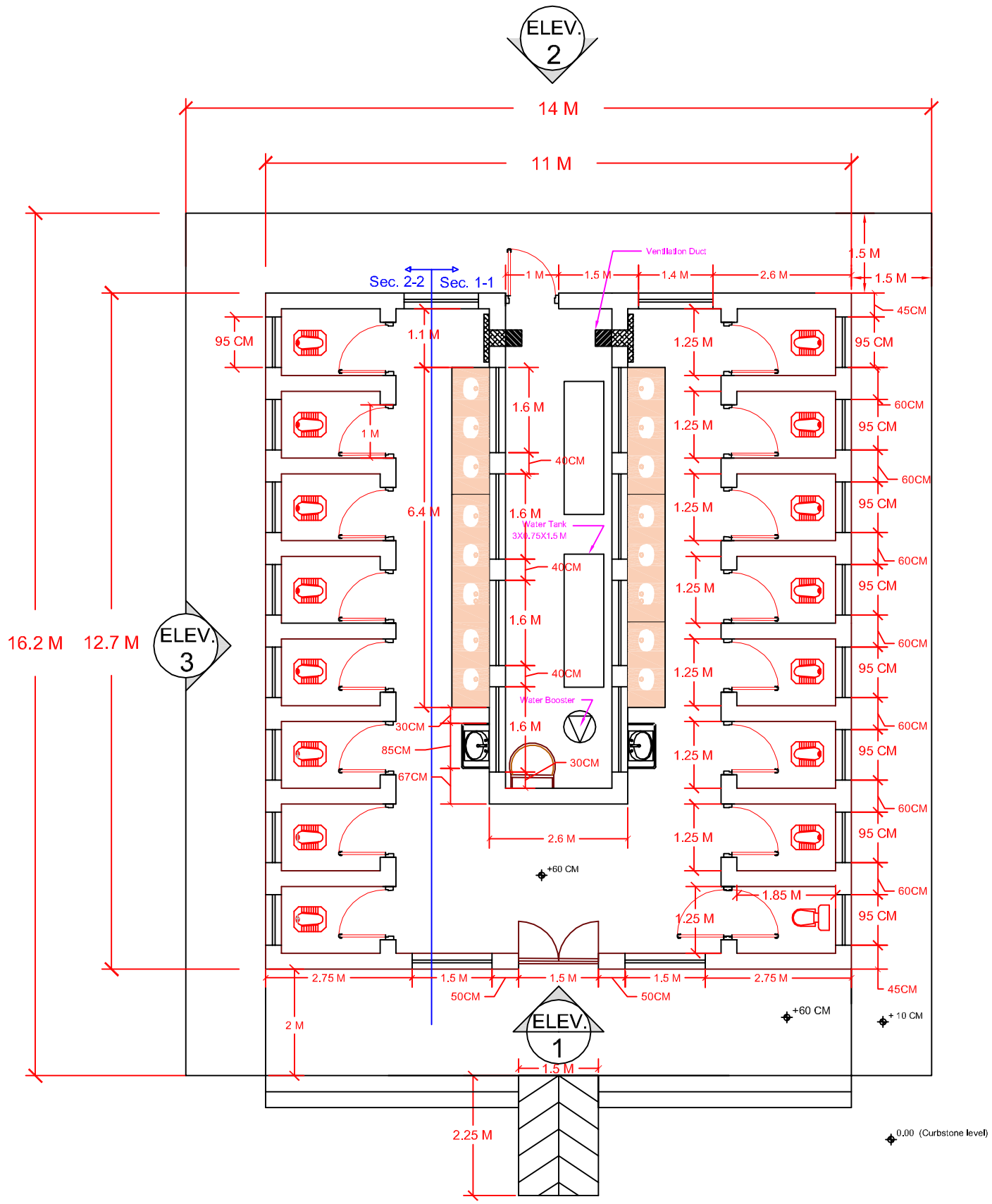

General Notes

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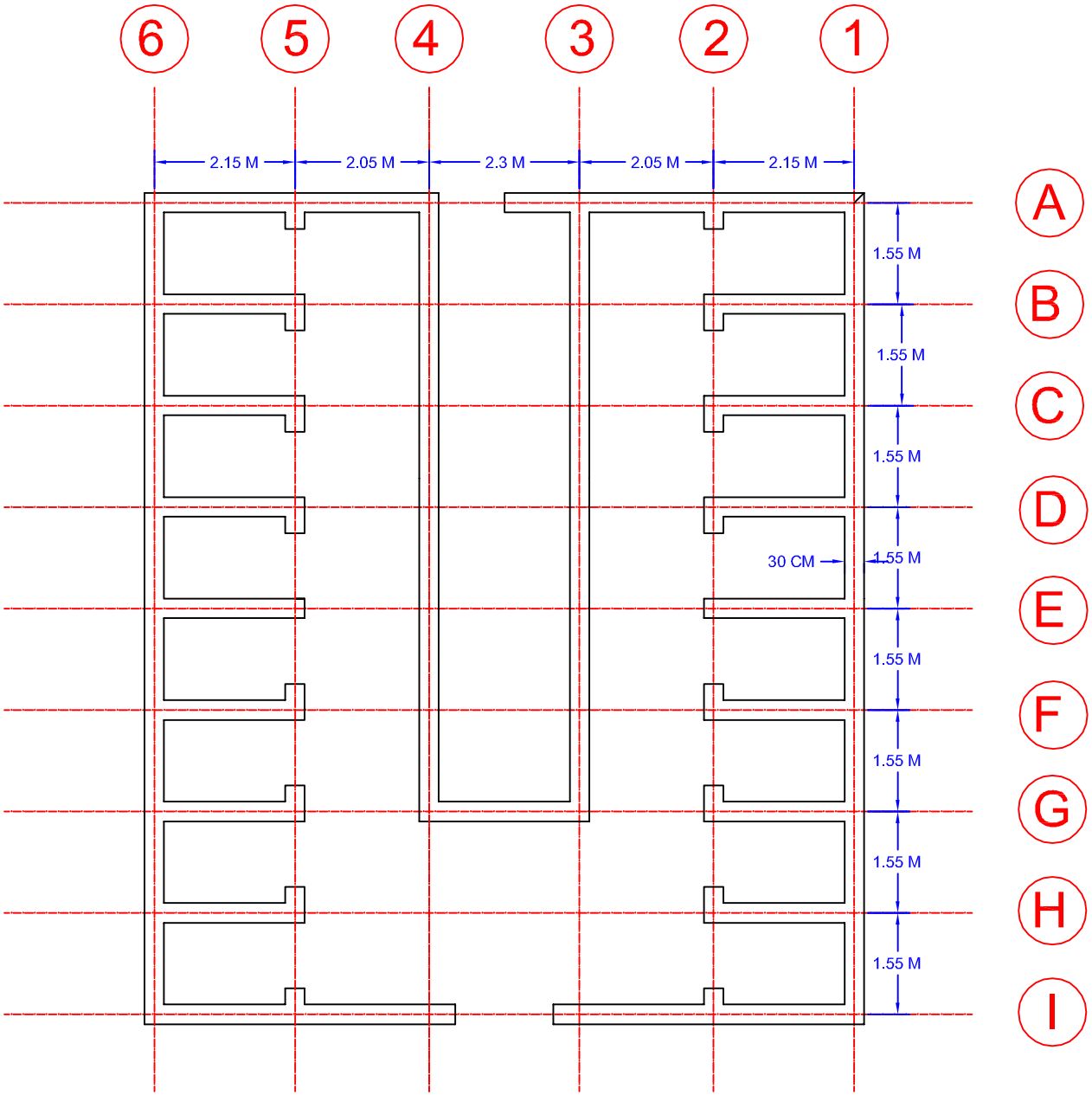
Project Name and Address

REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

WASH Design for URBAN Single Schools -Type A

Project	Sheet
	Sheet No. 1
Date	
Scale: 1:100/A3 Sheet	Floor Plan



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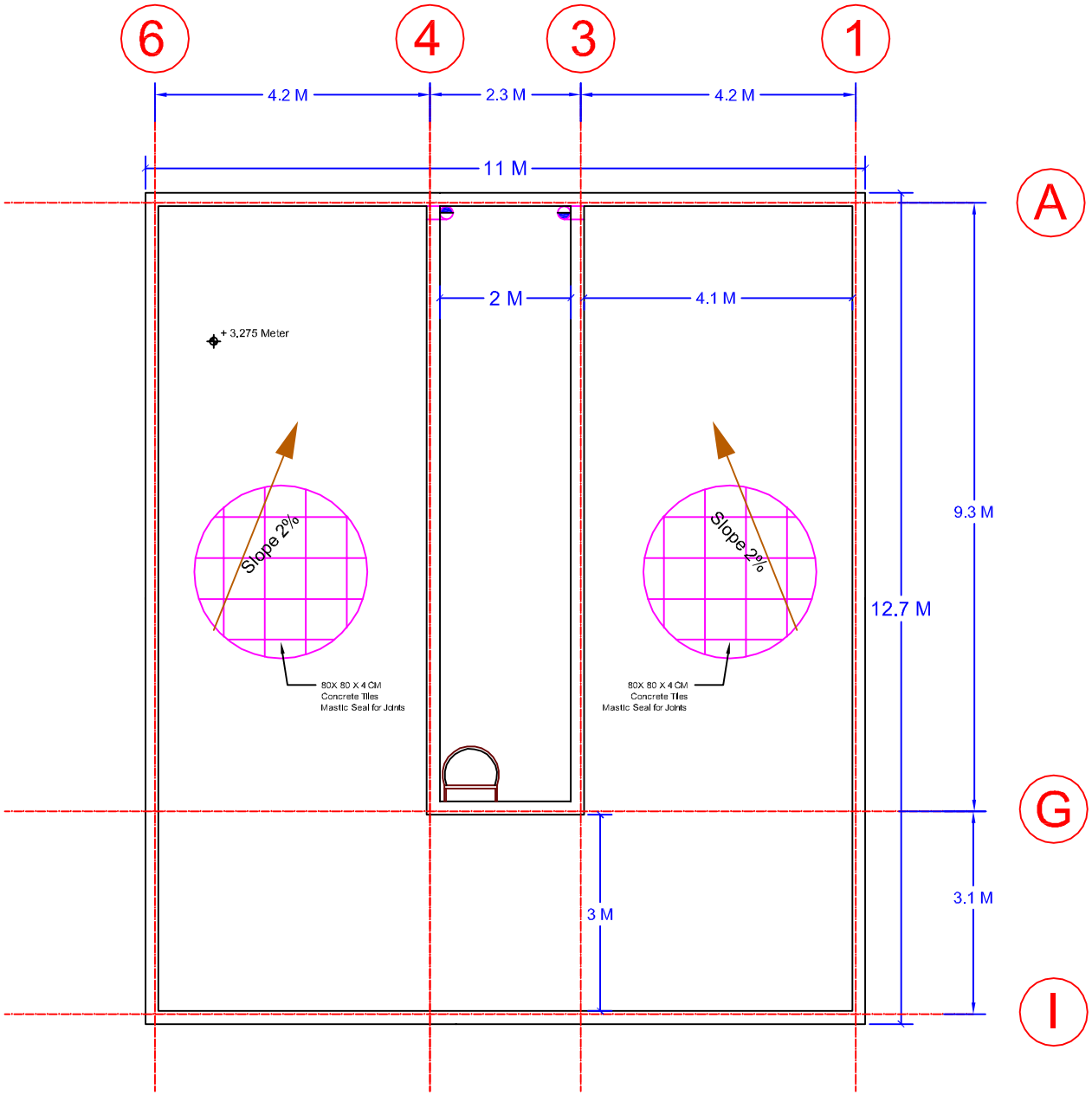
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

WASH Design for URBAN Single Schools -Type A

Project	Sheet
Date	Sheet No. 2
Scale	C/L Plan
1:100/A4 Sheet	



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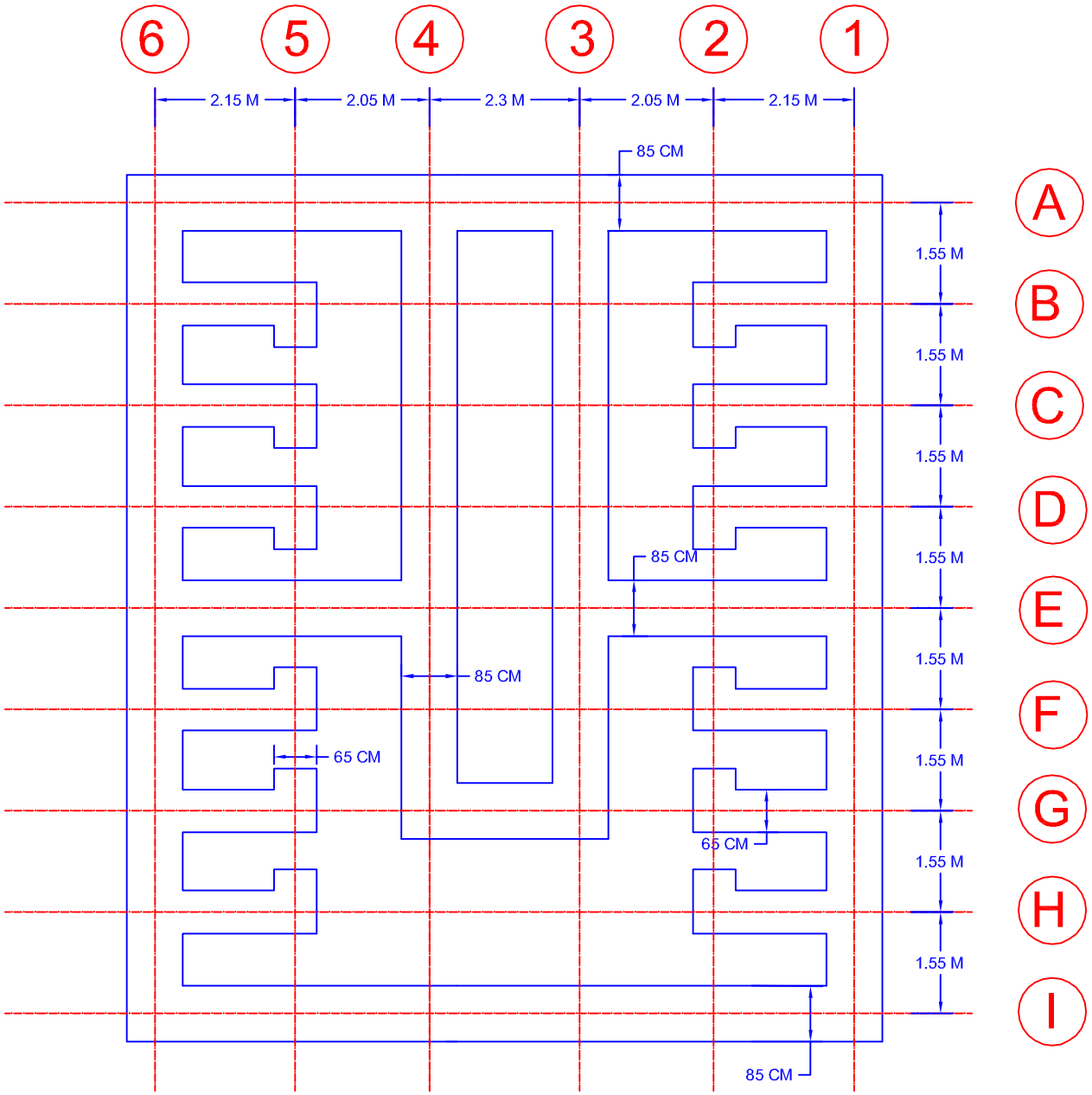
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

WASH Design for Urban Single Schools -Type A

Project	Sheet
	Sheet No. 3
Date	
	Roof Plan
Scale	
1:100/A4 Sheet	



General Notes

1- All External Walls' foundations have width of 85 CM Unless It stated otherwise.

2- All Internal Walls' foundations have width of 65 CM. Unless It stated otherwise.

3- Assumed Soil Bearing Capacity is 22 KN/M2

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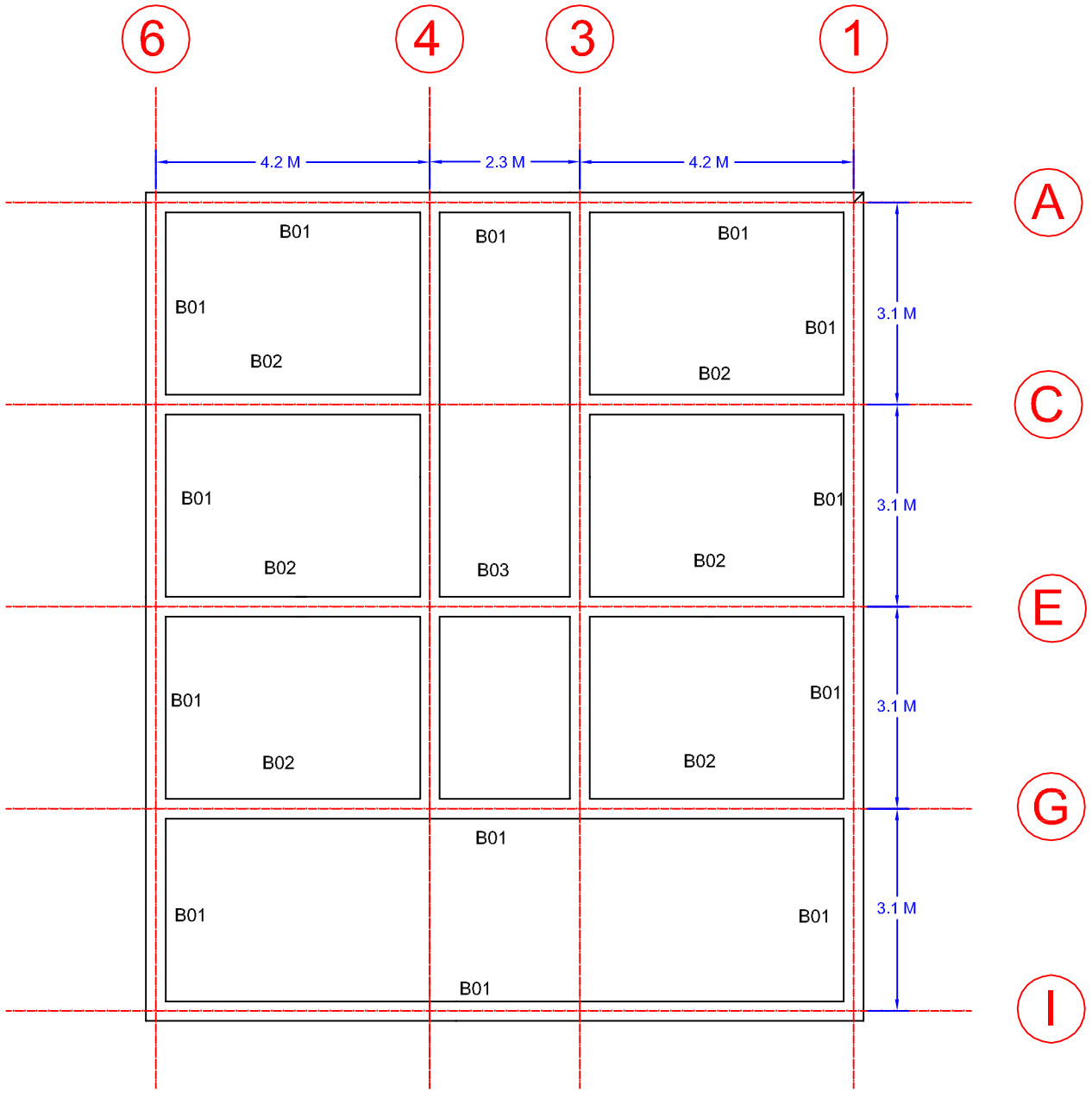
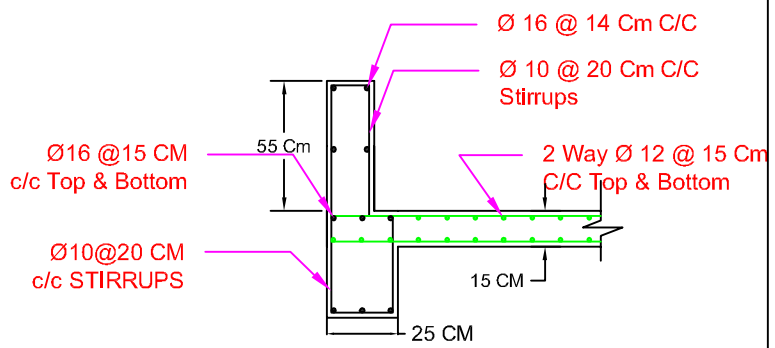
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

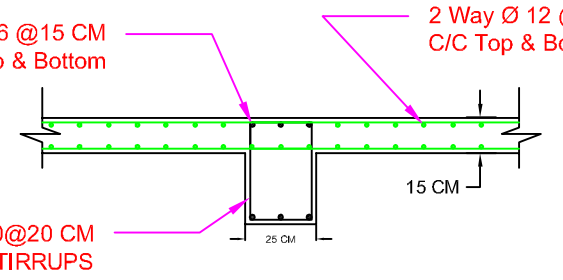
WASH Design for Urban Single Schools -Type A

Project	Sheet
Date	Sheet No. 4
Scale 1:100/A4 Sheet	Foundation Plan

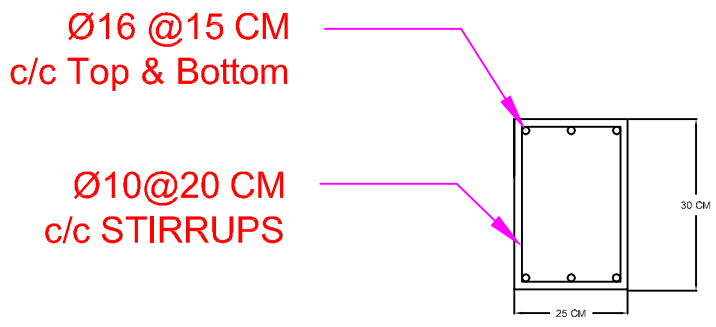




B01
Not to Scale



B02
Not to Scale



B03
Not to Scale

General Notes

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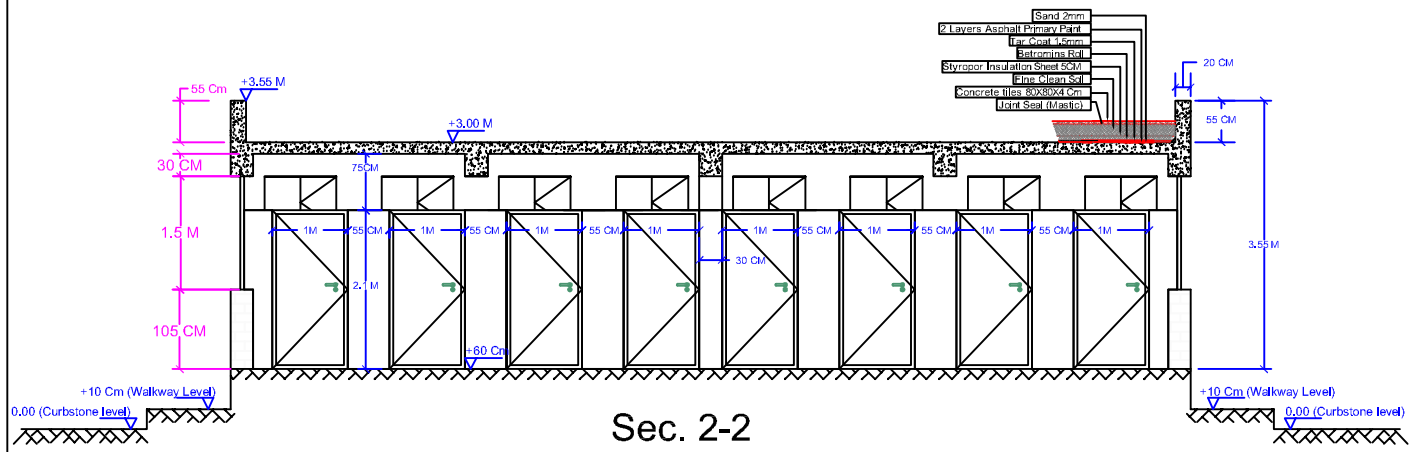
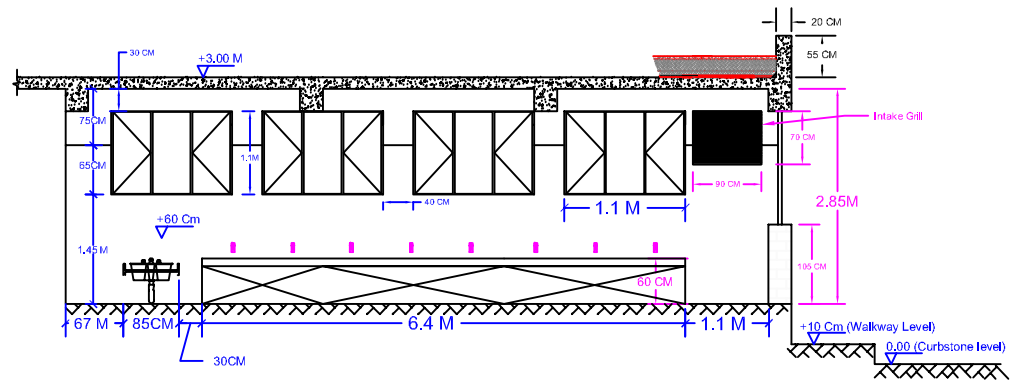
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

WASH Design for URBAN SIngle Schools -Type A

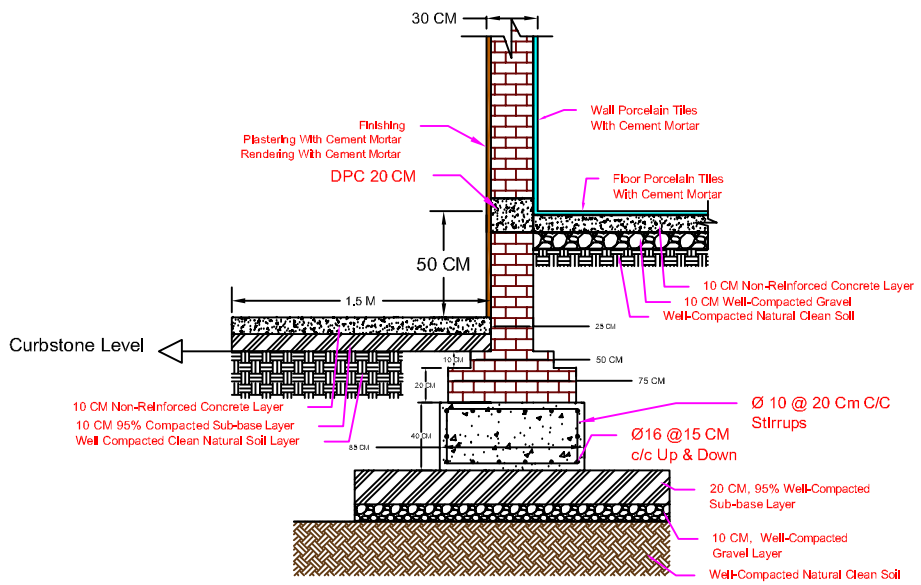
Project	Sheet
Date	Sheet No. 5 Beam Rein-forcement Detail
Scale 1:100/A3 Sheet	



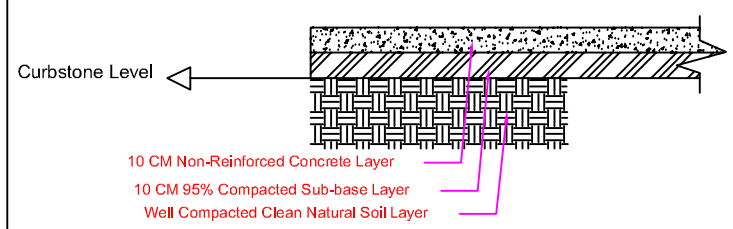
Sec. 2-2



Sec. 1-1



Typical Wall Section - Not To Scale



Typical Front Yard/Walkway Section
- Not To Scale

General Notes

Note:- 0.00 Level is the same level of the street's curbstone level.

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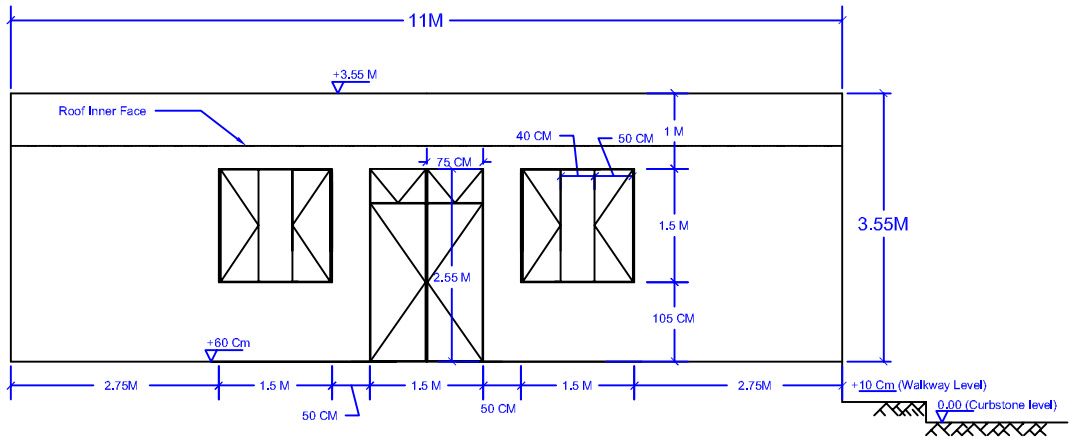
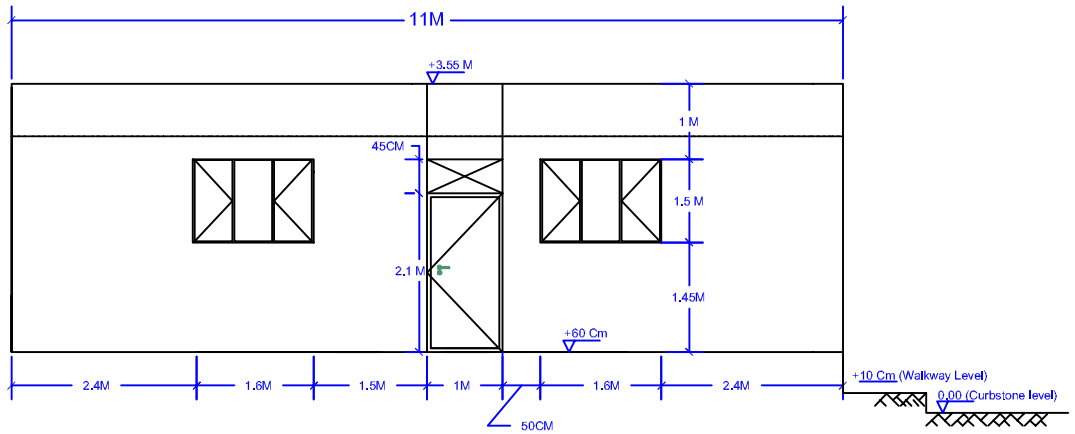
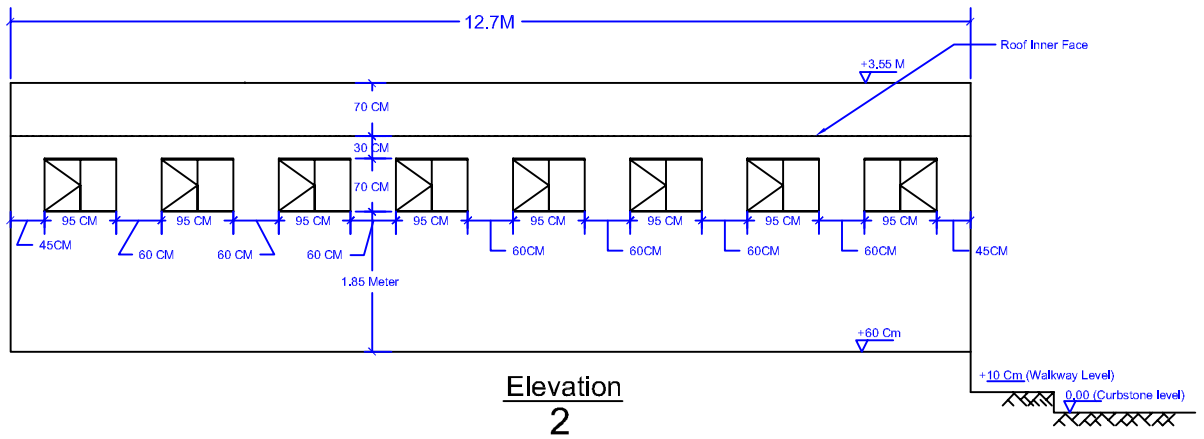
WASH Design for URBAN SIngle Schools -Type A

Project	Sheet
	Sheet No. 6
Date	
	Sec. 1-1, 2-2
Scale	
1:100/A3 Sheet	

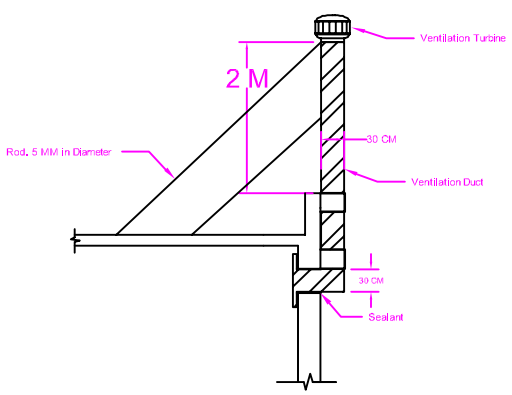


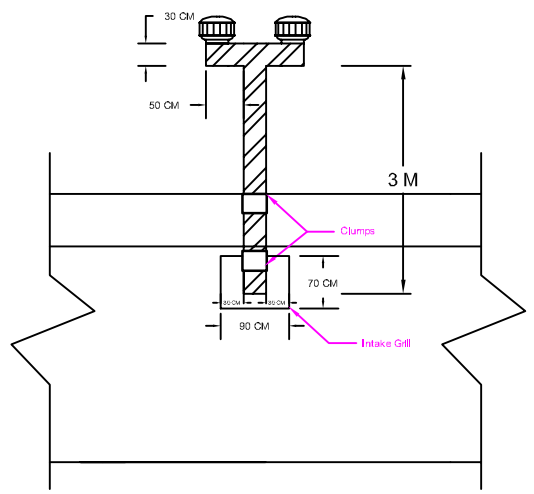


Elevation
2



Elevation
2





Typical Detail of Ventilation Duct & the Ventilation Turbine

NOT TO SCALE

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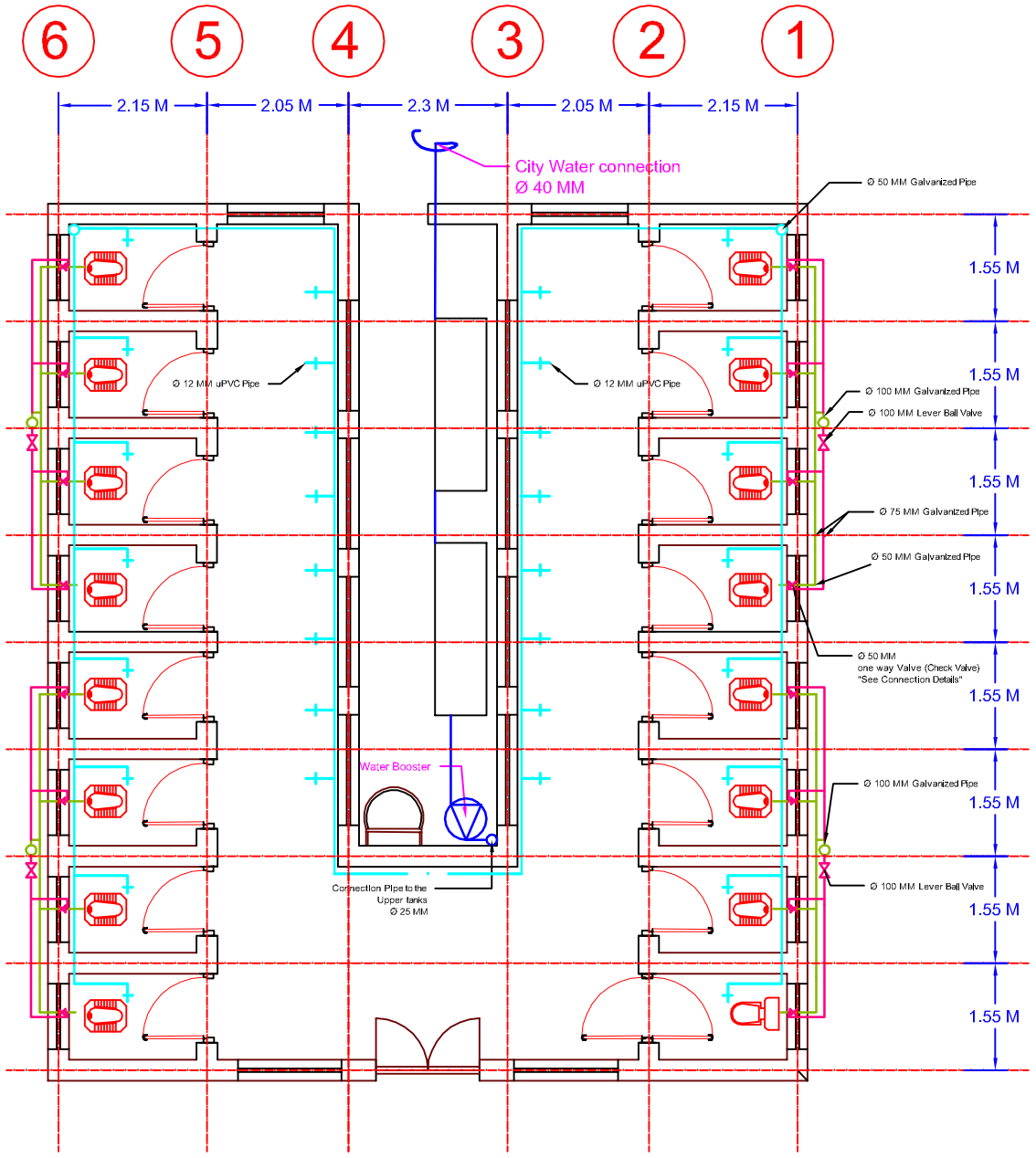
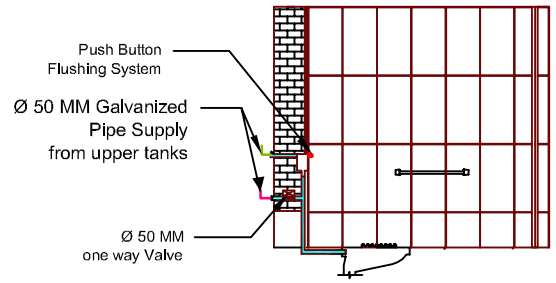
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

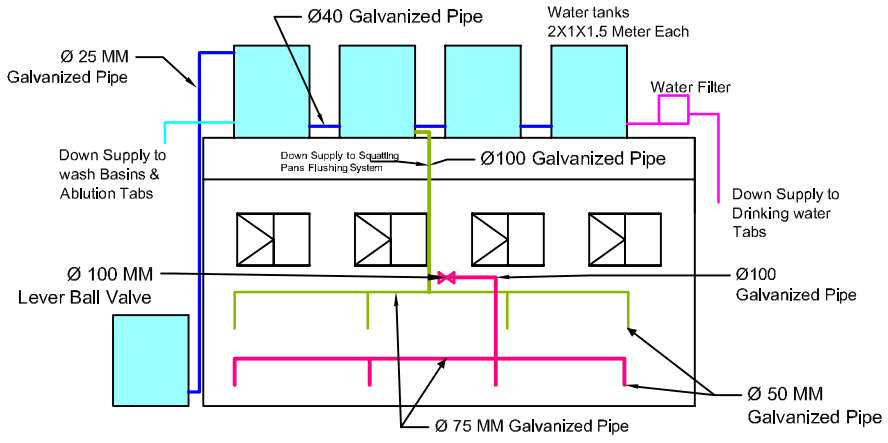
WASH Design for Urban Mixed Schools -Type A

Project	Sheet
Date	Sheet No. 8
Scale: 1:100/A3 Sheet	ELEV.1, 2, 3





Connection Details
Not To Scale



Elevation
4

General Notes

This Color is used here for Piping from the Ground water tanks to the Upper water tanks

This Color is used here for Internal Piping for the Wash Basin & Toilet Ablution Tabs. It's Connected to the Upper tanks by a 2" Pipe.

This Color is used here for Piping of the Drinking water Tabs located outside the building. It's connected to the upper Tanks by 2" Pipe. Its also connected to the Water Filter located just beside the Water tank.

This Color is used here for Piping of the Squatting Pans. Its connected to the upper Tanks by a 3" Pipe & connected to each of the Squatting pans Flushing Mechanism by 1" Pipe.

This Color is used here for Piping of the Manual By pass Flushing system. its connected to the upper tanks by a 4 " Pipe & then connected to Lever ball Valve then to each of the squatting pans. to see the connection details please refer to the drawings

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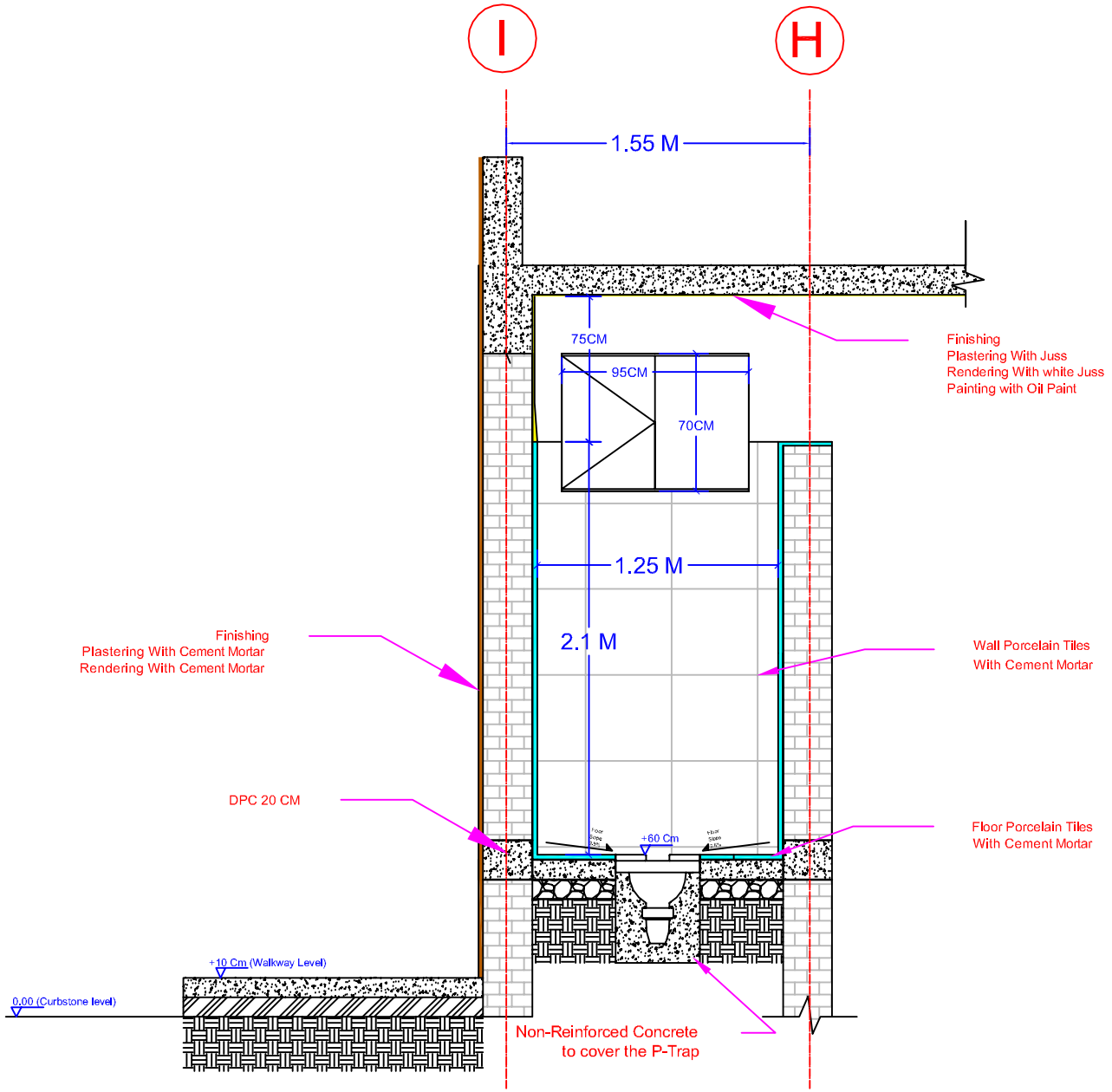
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

WASH Design for Urban Mixed Schools -Type A

Project	Sheet
	Sheet No. 9
Date	
Scale: 1:100/A3 Sheet	Water Distribution Plan. (Plumping)



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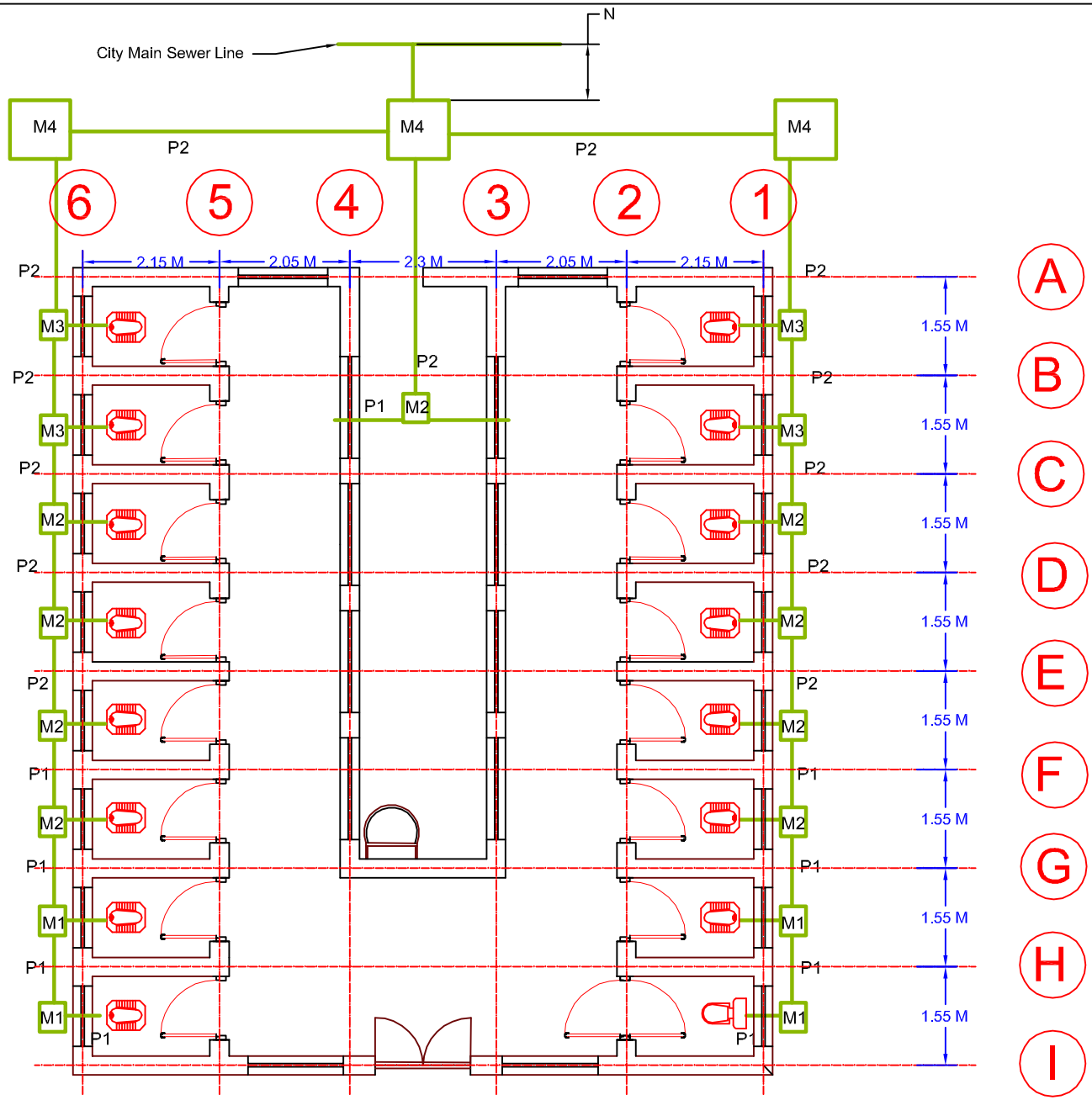
Project Name and Address
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .
WASH Design for URBAN SIngle Schools -Type A

Project	Sheet
Date	Sheet No. 7
Scale: Not to Scale	Typical Cubical Section



General Notes

Value N:-

The N Value is to be Determined on Site

P1: 4 Inch PVC Pipe
P2: 6 Inch PVC Pipe
M1: 50X50 Cm Manhole
M2: 70X70 Cm Manhole
M3: 80X80 Cm Manhole
M4: 100X100Cm Manhole

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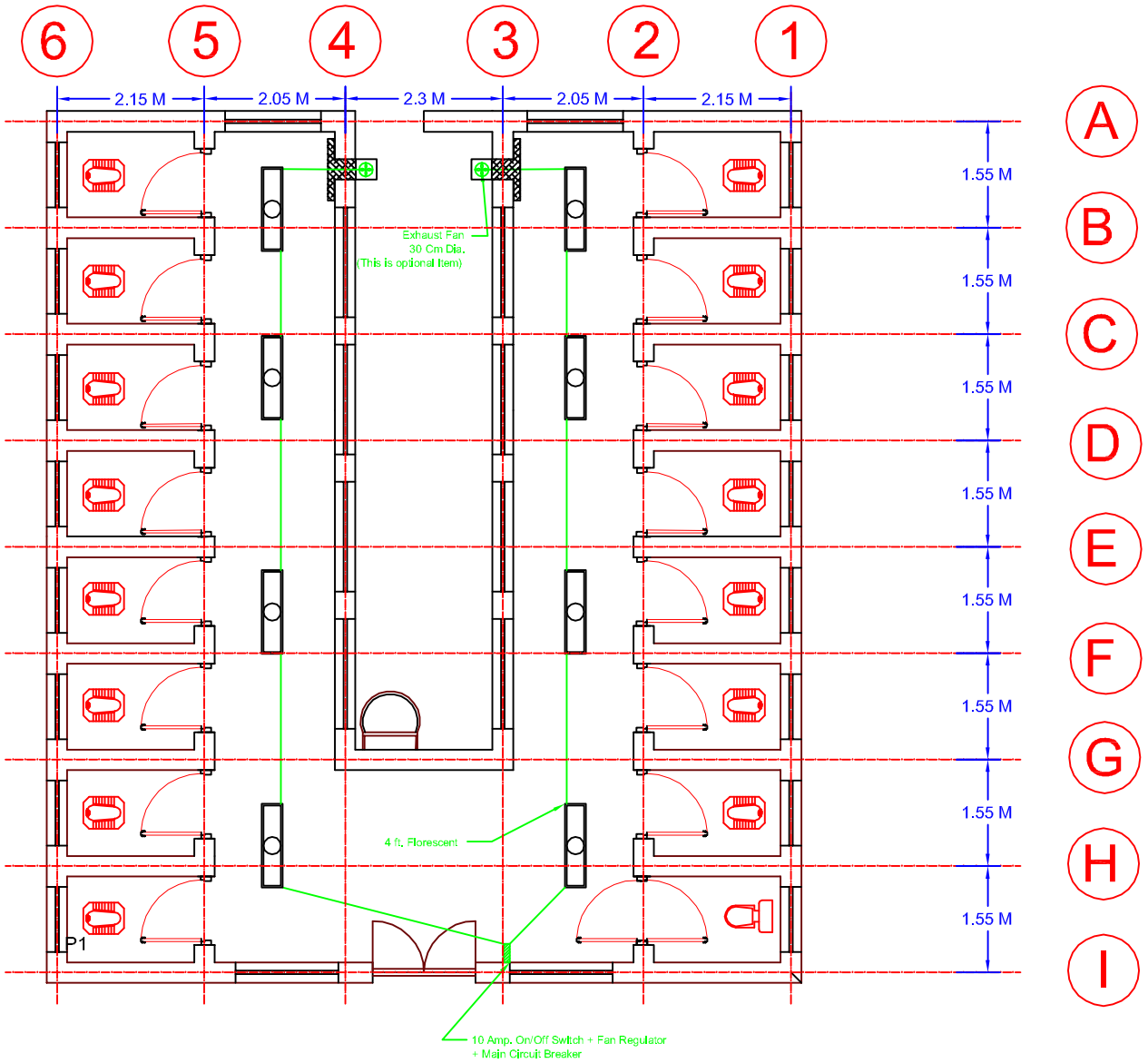
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .
WASH Design for Urban SINGLE Schools -Type A

Project	Sheet
Date	Sheet No. 10
Scale 1:100/A4 Sheet	Sewer Network



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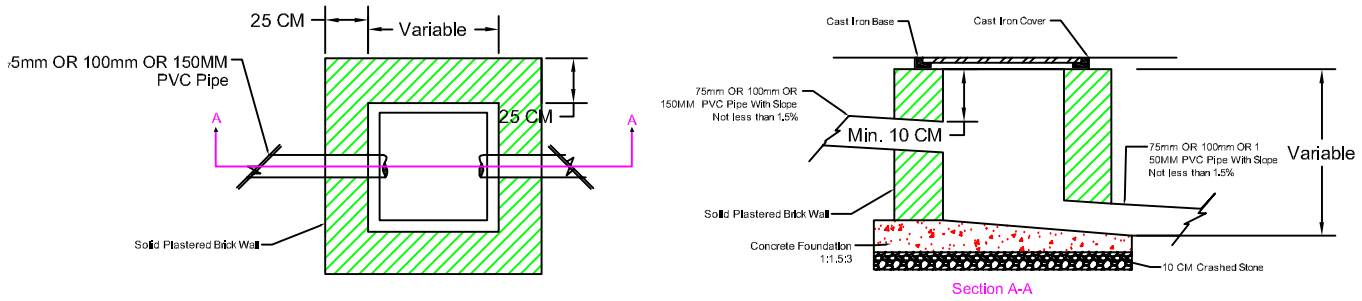
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

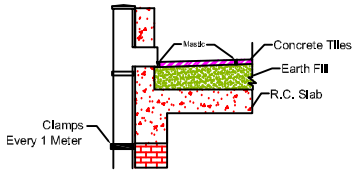
WASH Design for Urban SINGLE Schools -Type A

Project	Sheet No. 11
Date	
Scale 1:100/A4 Sheet	Electrical Plan



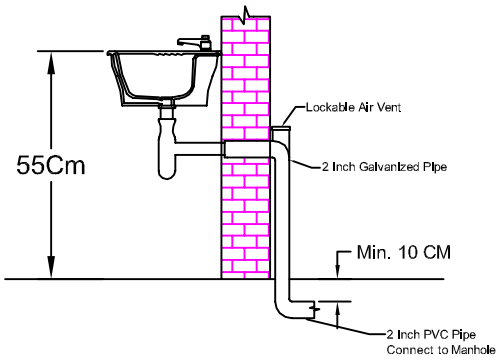
Typical Manhole Detail

NOT TO SCALE



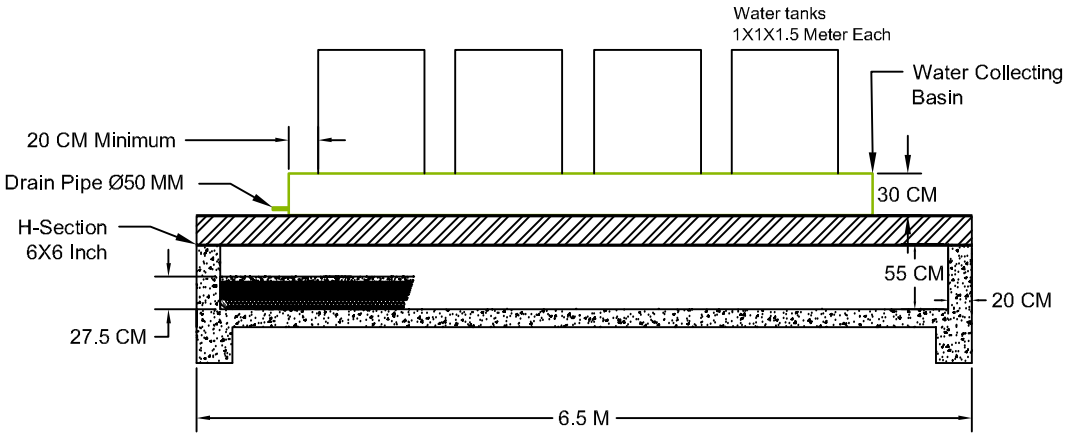
Typical Detail of Drain Water Downspout Pipe

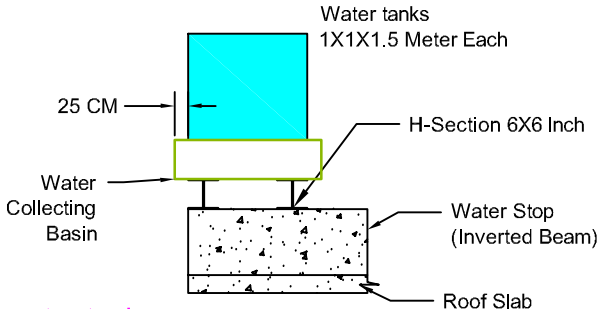
NOT TO SCALE



Typical Detail of Wash Basin

NOT TO SCALE





Typical Detail Upper water tanks

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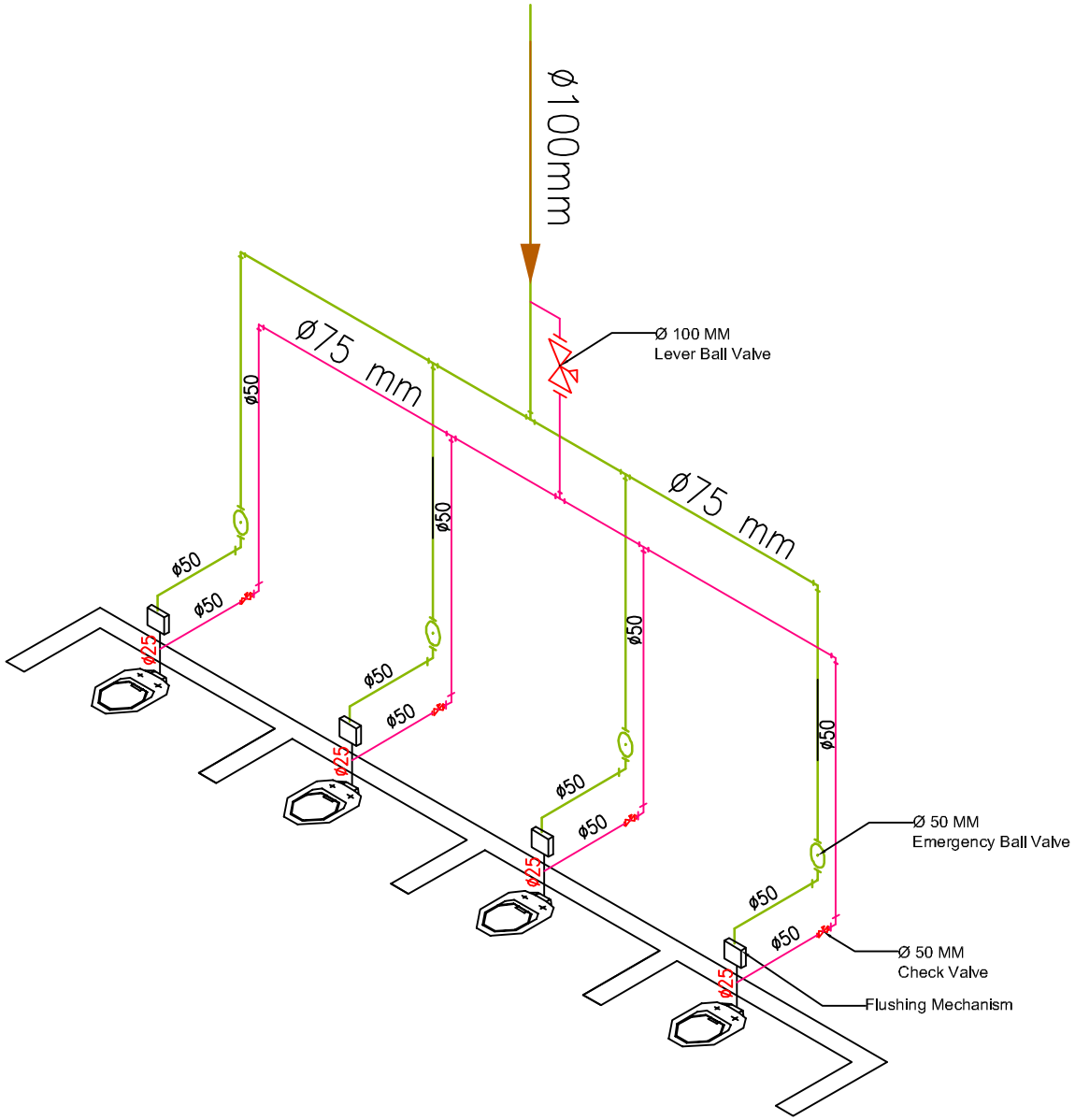
WASH Design for Urban SINGLE Schools -Type A

Sheet No. 12

1:100 /A4 Sheet

Pluming Details 1

Main Supply From Upper Tanks



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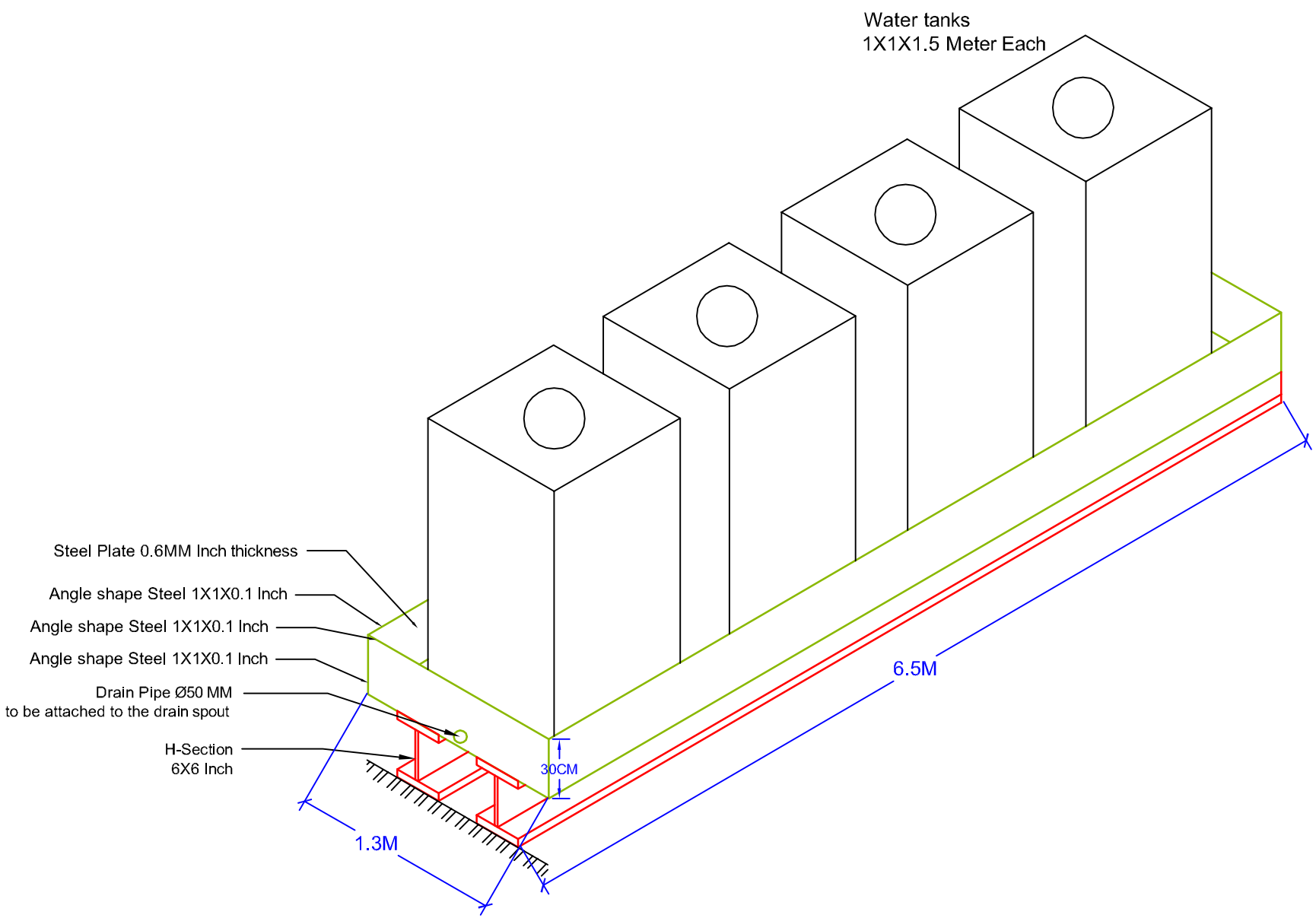
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .
WASH Design for Urban SIngle Schools -Type A

Project	Sheet No. 13
Date	
Scale 1:100/A4 Sheet	Plumping Detail 2



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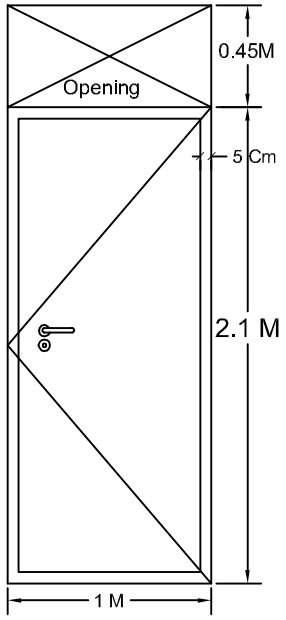
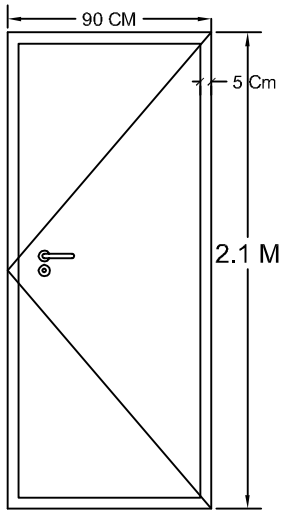
REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .

WASH Design for Urban Single Schools -Type A

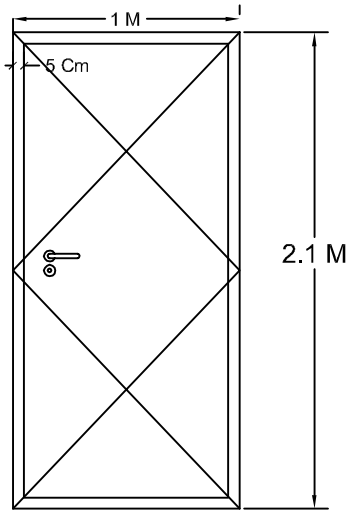
Project	Sheet No. 14
Date	
Scale: Not to Scale	Plumping Detail 4



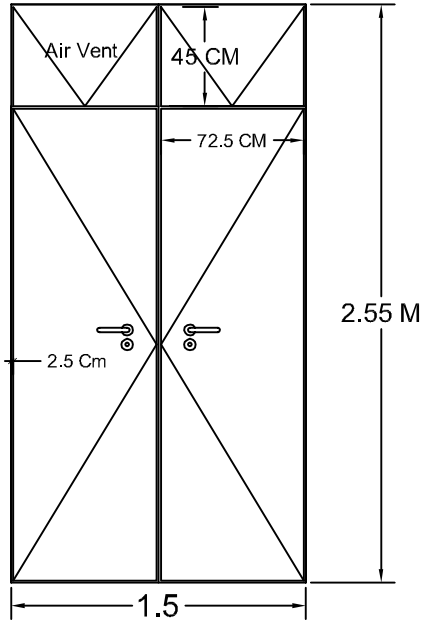
Back Door - Steel - Qty. 1



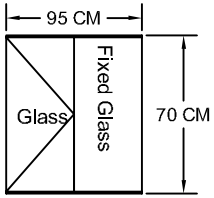
Bathroom Door - Aluminum - Qty. 15



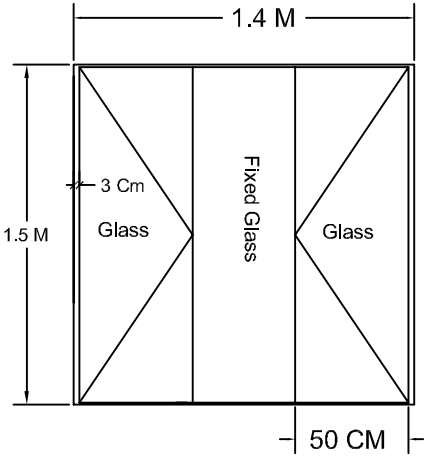
Bathroom Door - Aluminum - Qty. 1



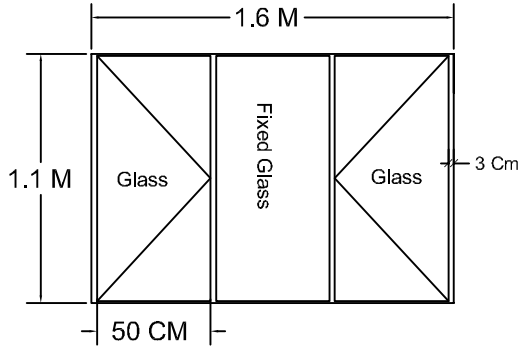
Entrance Door - Steel - Qty. 1



Bathroom Window - Steel - Qty. 16



Side Window - Steel - Qty. 2



Front & Middle Windows - Steel - Qty. 10

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REVIEW AND DEVELOPMENT OF CHILD FRIENDLY WATER ,SANITATION AND HYGIENE FACILITIES DESIGN PACKAGES FOR PRIMARY SCHOOLS IN IRAQ .
WASH Design for Urban Single Schools -Type A

Project	Sheet
Date	Sheet No. 16
Scale: Not to Scale	Windows, Doors Detail