

| PUMP SCHEDULE | | | |
|---------------|-------------------------------|--------------------|--|
| PUMP #1 | Q30m3, H90m, IPE66, 3PH @380V | 100% LEAD PUMP | |
| PUMP #2 | Q30m3, H90m, IPE66, 3PH @380V | 100% LAG (STANDBY) | |

LEGEND

Shutoff Valve

Check Valve

Relief Valve

Gauge (Pascals and PSI)

New 75mm PE SCH80

Existing 1100 PE

Anchor device #1

Project: Water pump system

Title: Design drawings

Sheet: Overall pump house

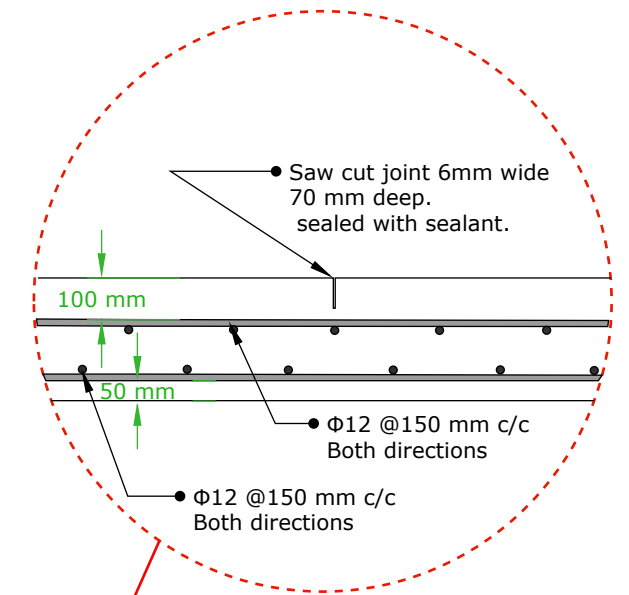
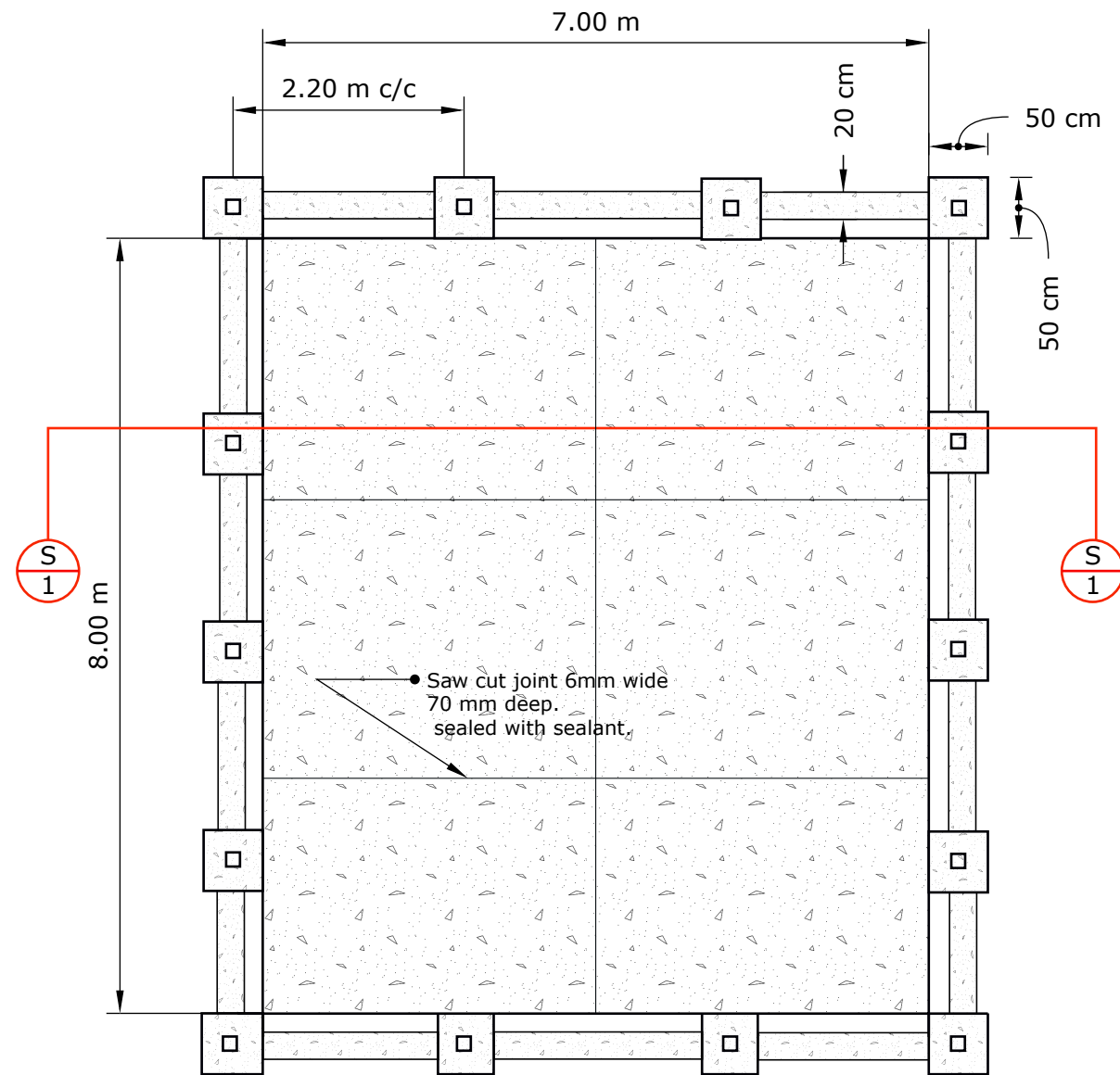
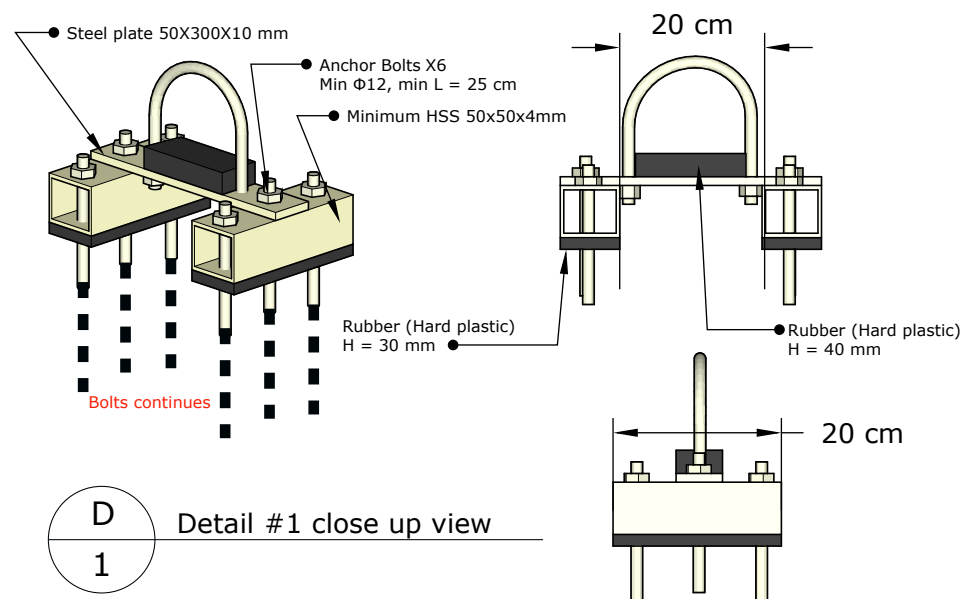
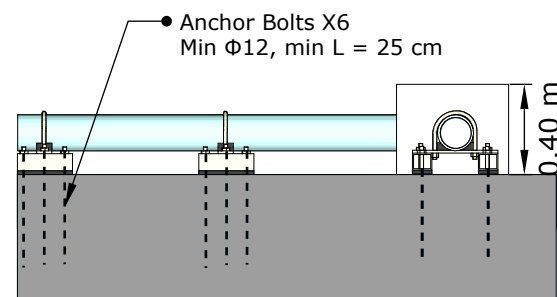
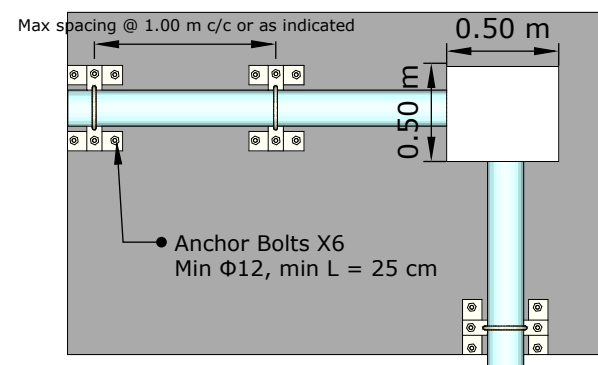
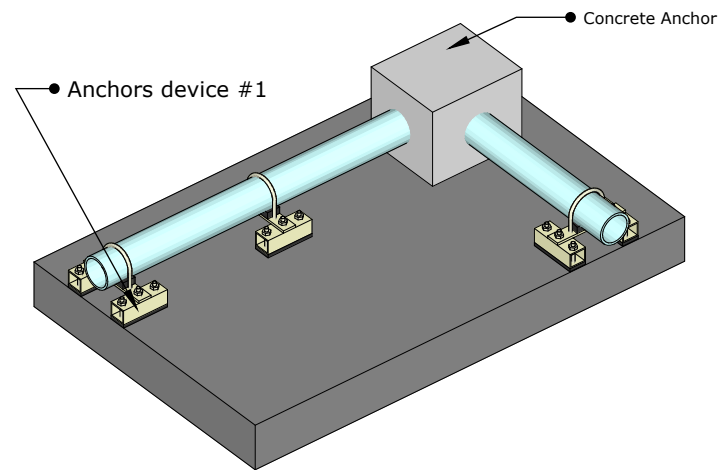
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Designed by: Omar Ali Rafeek

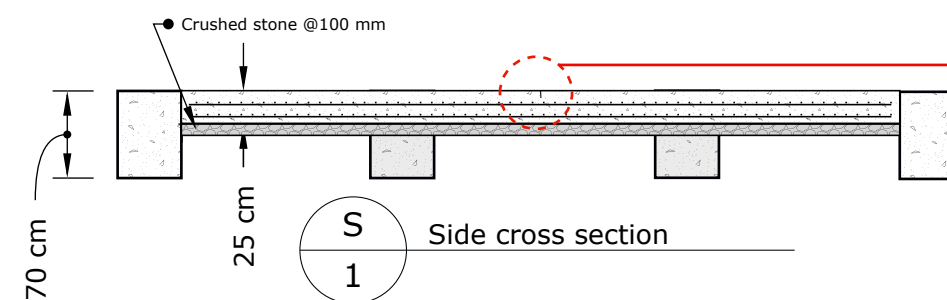
Approved by: Ibrahim A. Ahmed

Approve date: May 23 2022

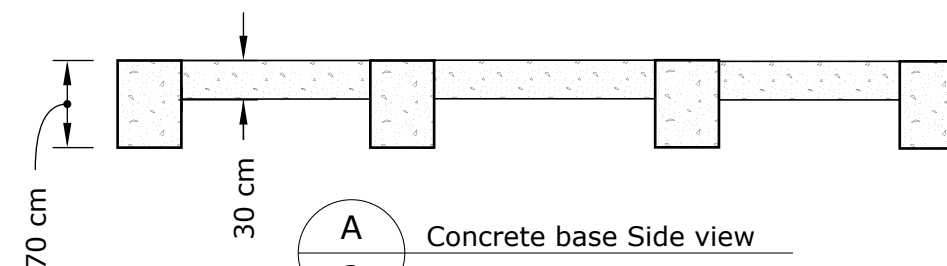
Notes:



A
2 Concrete base top view



S
1 Side cross section



A
3 Concrete base Side view



Project: Water pump system

Title: Design drawings

Sheet: Overall pump house

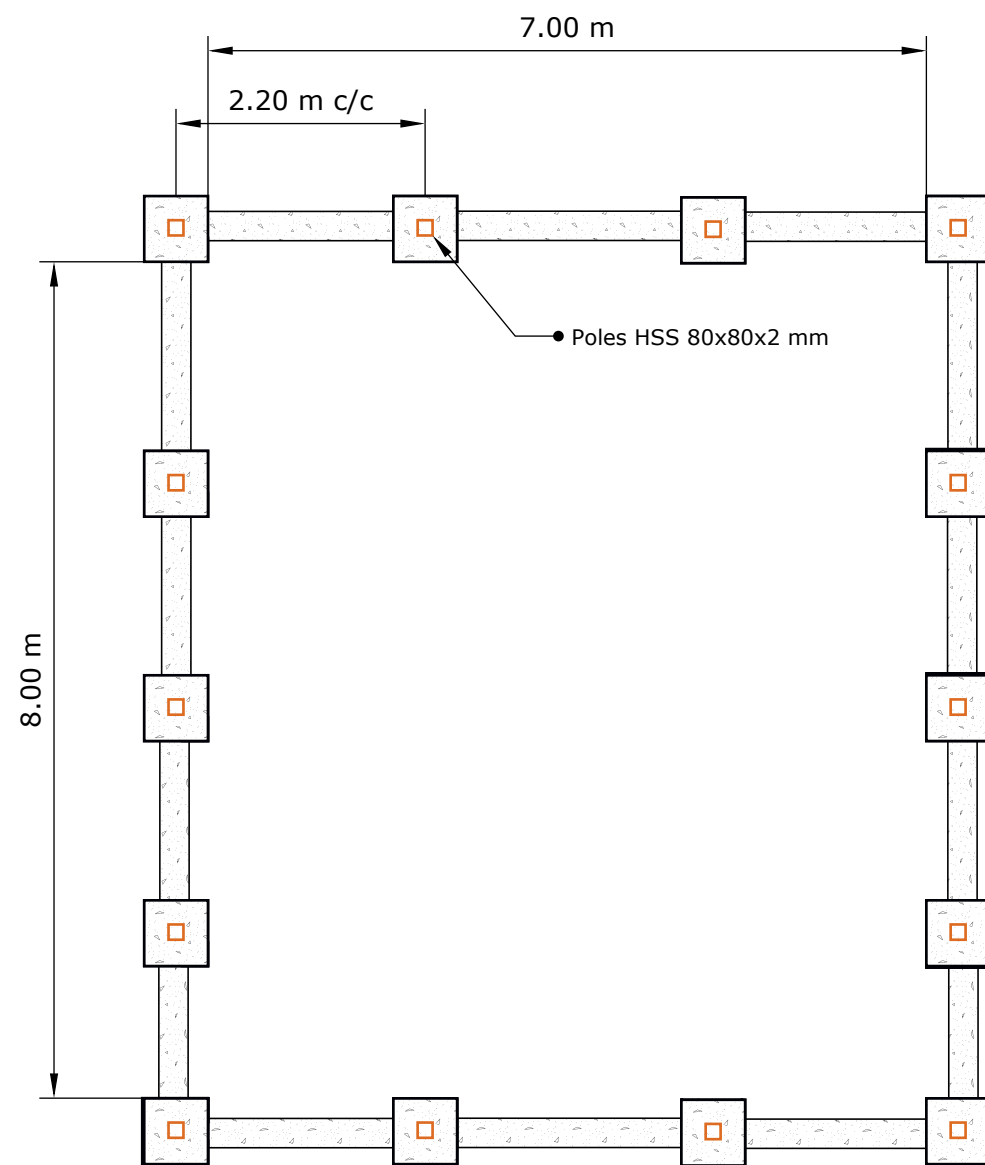
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Designed by: Omar Ali Rafeek

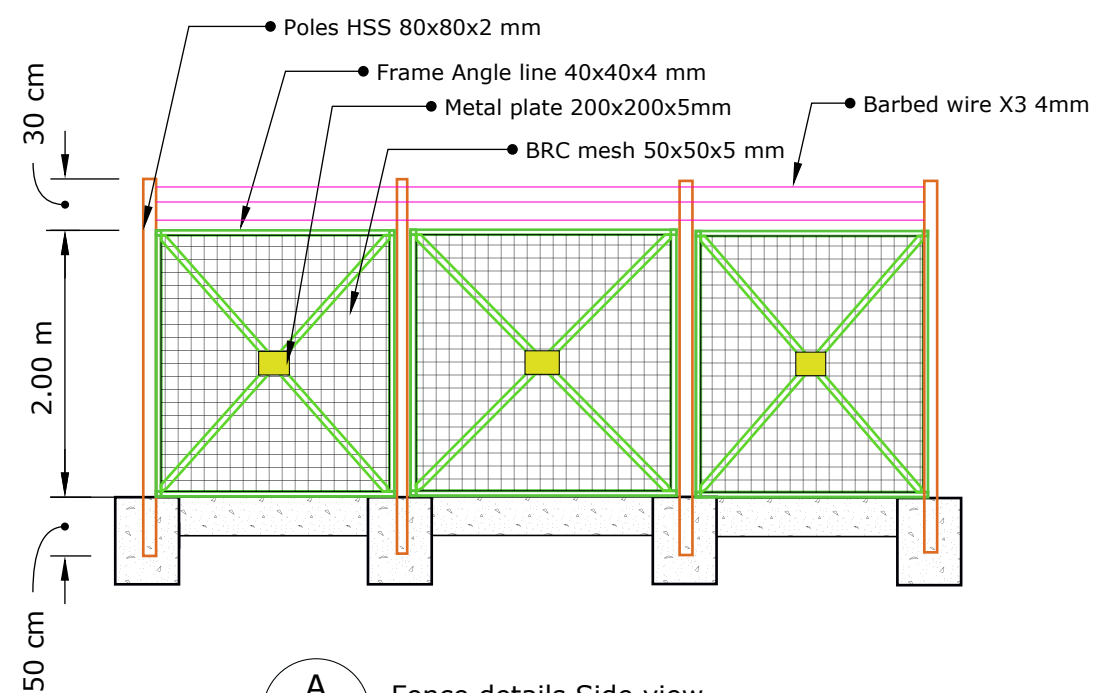
Approved by: Ibrahim A. Ahmed

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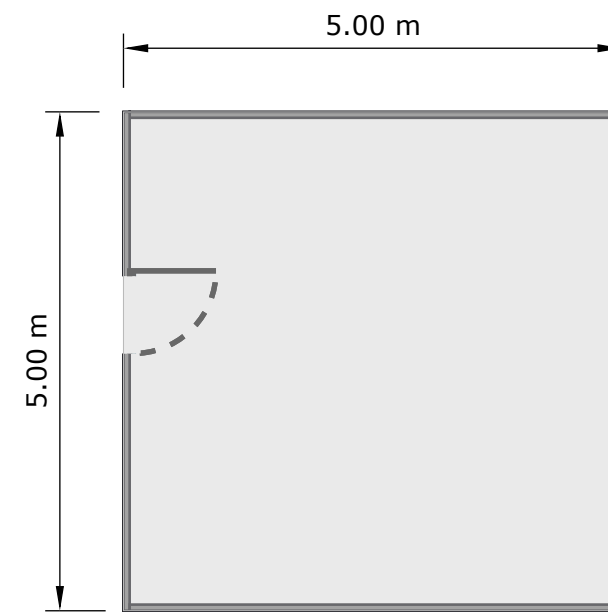
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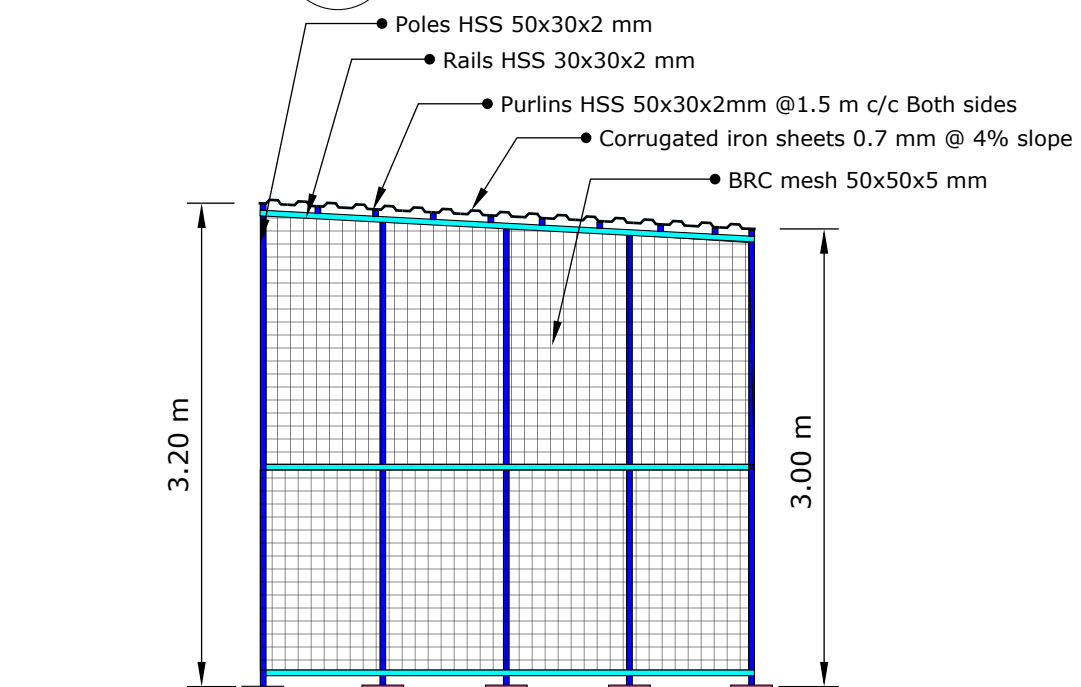
A
5 Fence details Top view



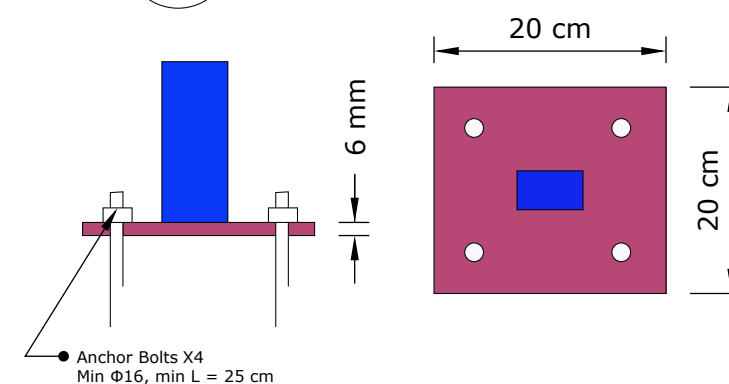
A
4 Fence details Side view



A
6 Metallic cage Plan view



A
7 Metallic cage Side view



A
8 Metallic cage Base plates



Project: Water pump system

Title: Design drawings

Sheet: Overall pump house

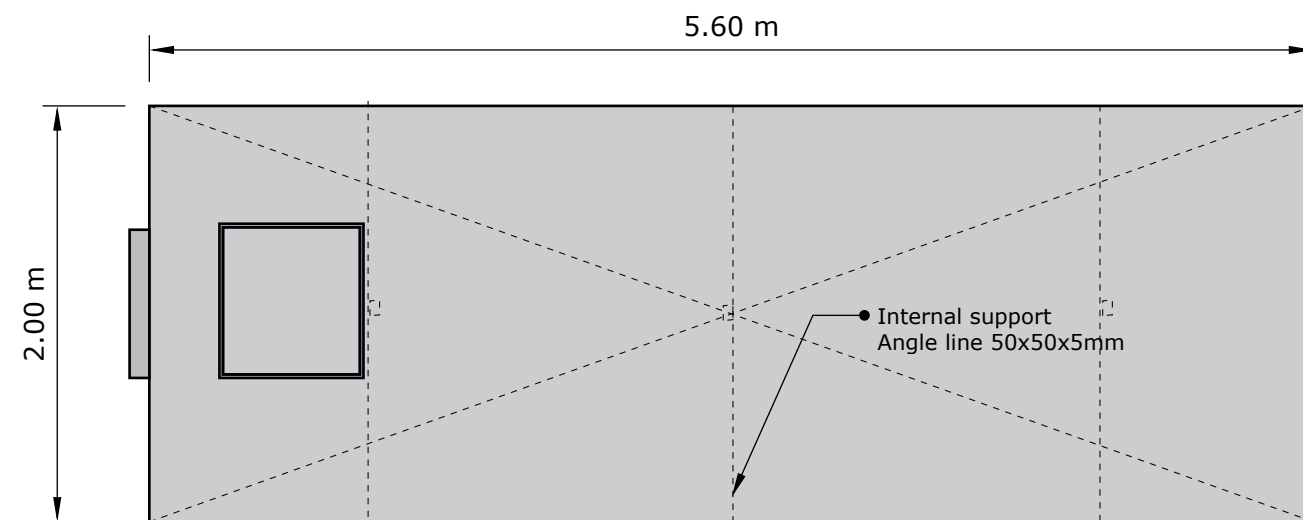
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Designed by: Omar Ali Rafeek

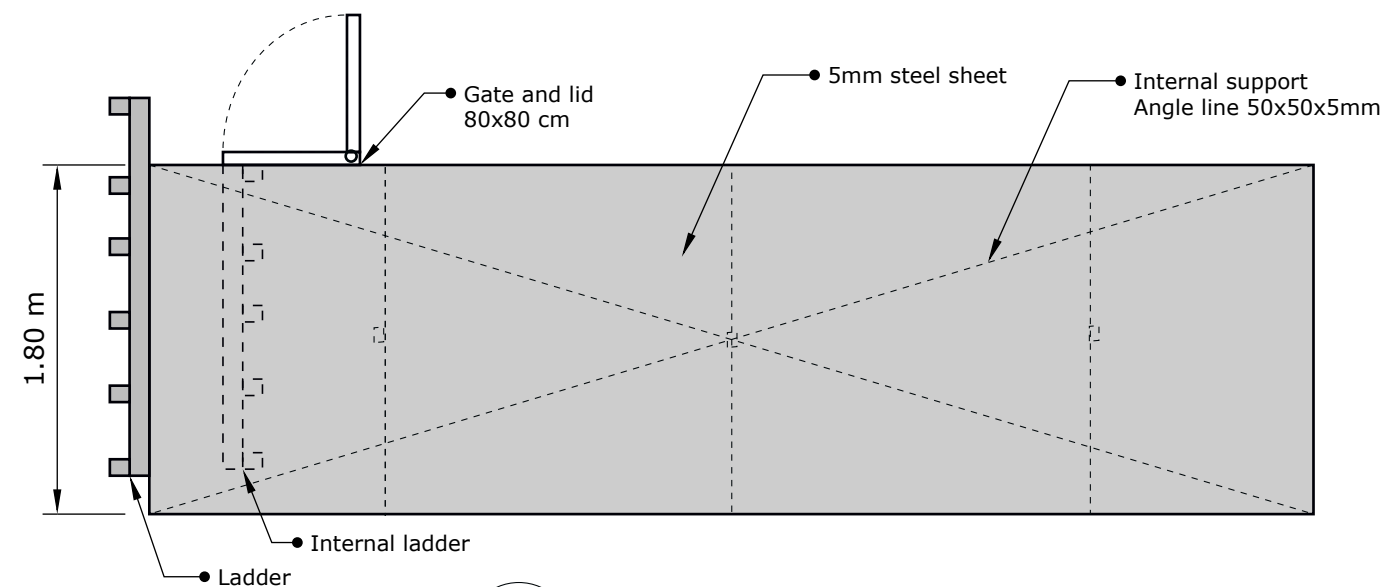
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Approve date: May 23 2022

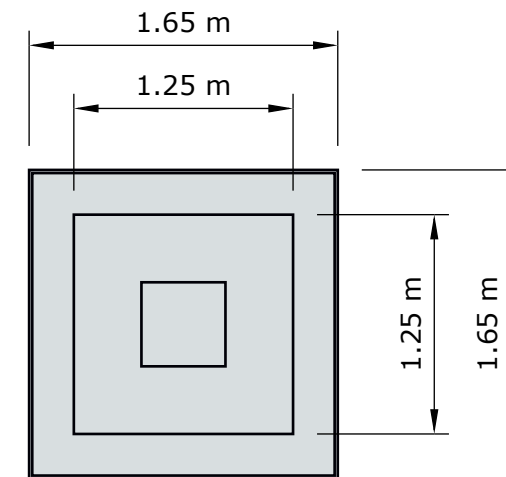
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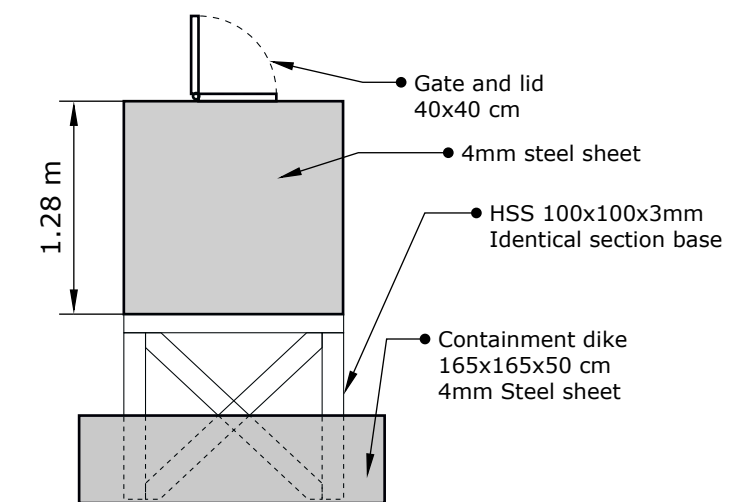
A
9 Water tank top view



A
10 Water tank Side view



A
11 Fuel tank top view



A
12 Fuel tank side view



Project: Water pump system

Title: Design drawings

Sheet: Overall pump house

Sheet NO: 3

Designed by: Omar Ali Rafeek

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Approve date: May 23 2022

Notes: All pipe holes are to be Determined by the site engineer