

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

Sheet NO: 1

Designed by: Omar Ali Rafeek

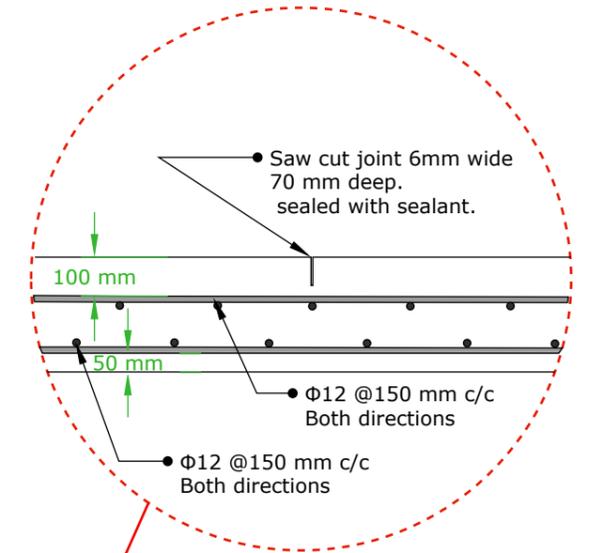
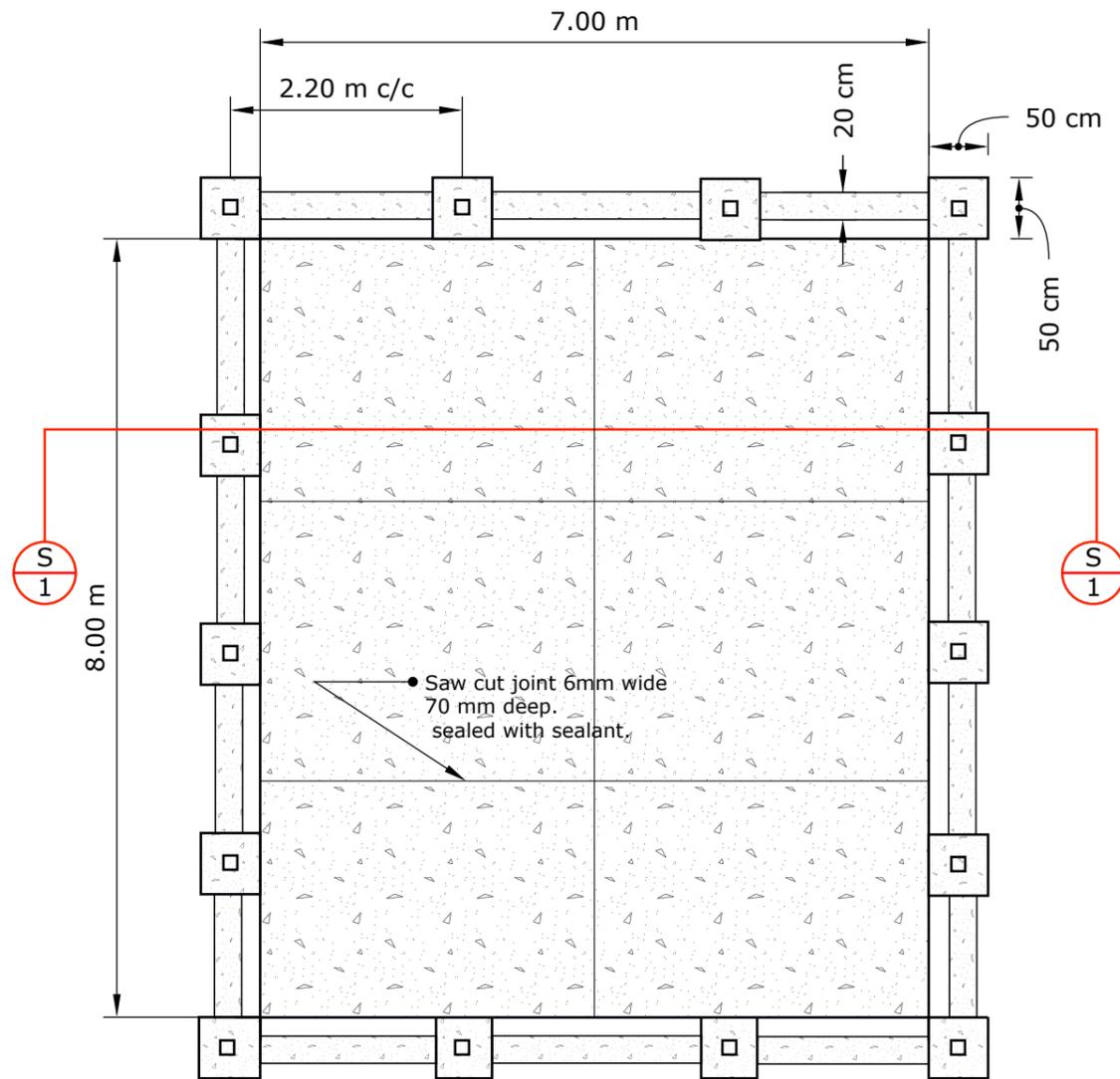
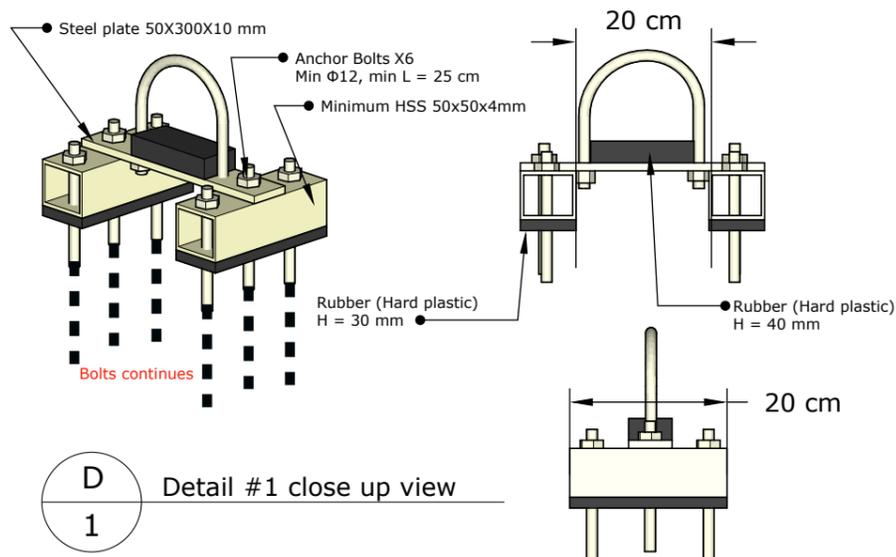
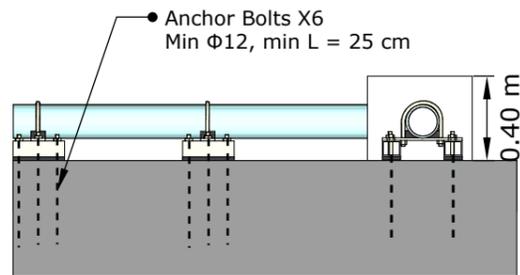
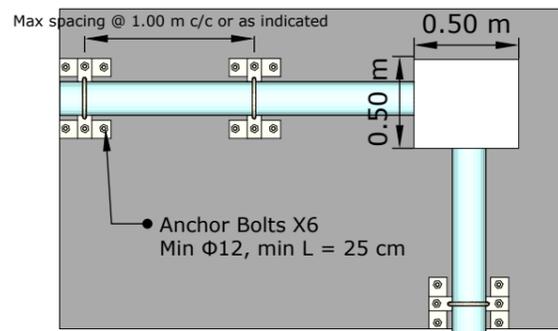
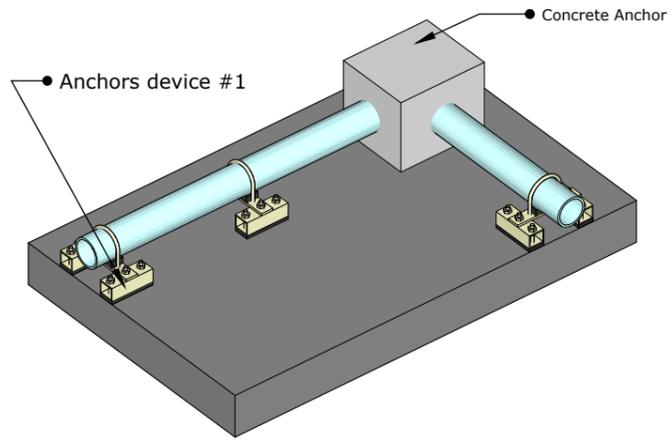
Approved by: Ibrahim A. Ahmed

Approve date: May 23 2022

Notes:

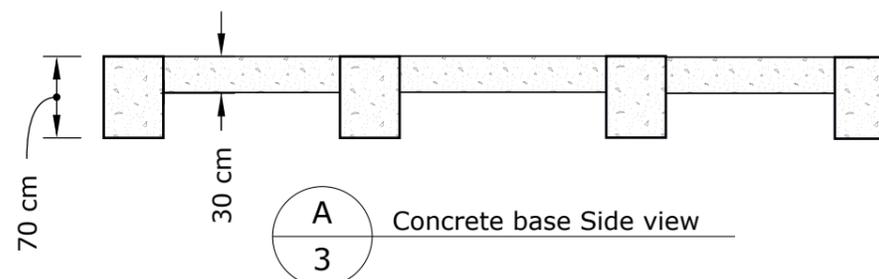
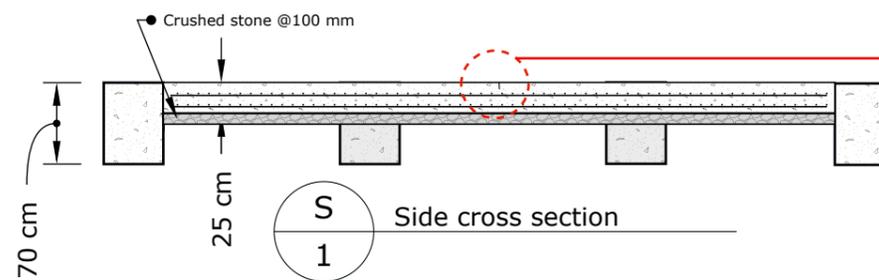
PUMP SCHEDULE		
PUMP #1	Q30m3, H90m, IPE66, 3PH @380V	100% LEAD PUMP
PUMP #2	Q30m3, H90m, IPE66, 3PH @380V	100% LAG (STANDBY)

A
1 Overview of the structure



A
2

Concrete base top view



Project: Water pump system

Title: Design drawings

Sheet: Overall pump house

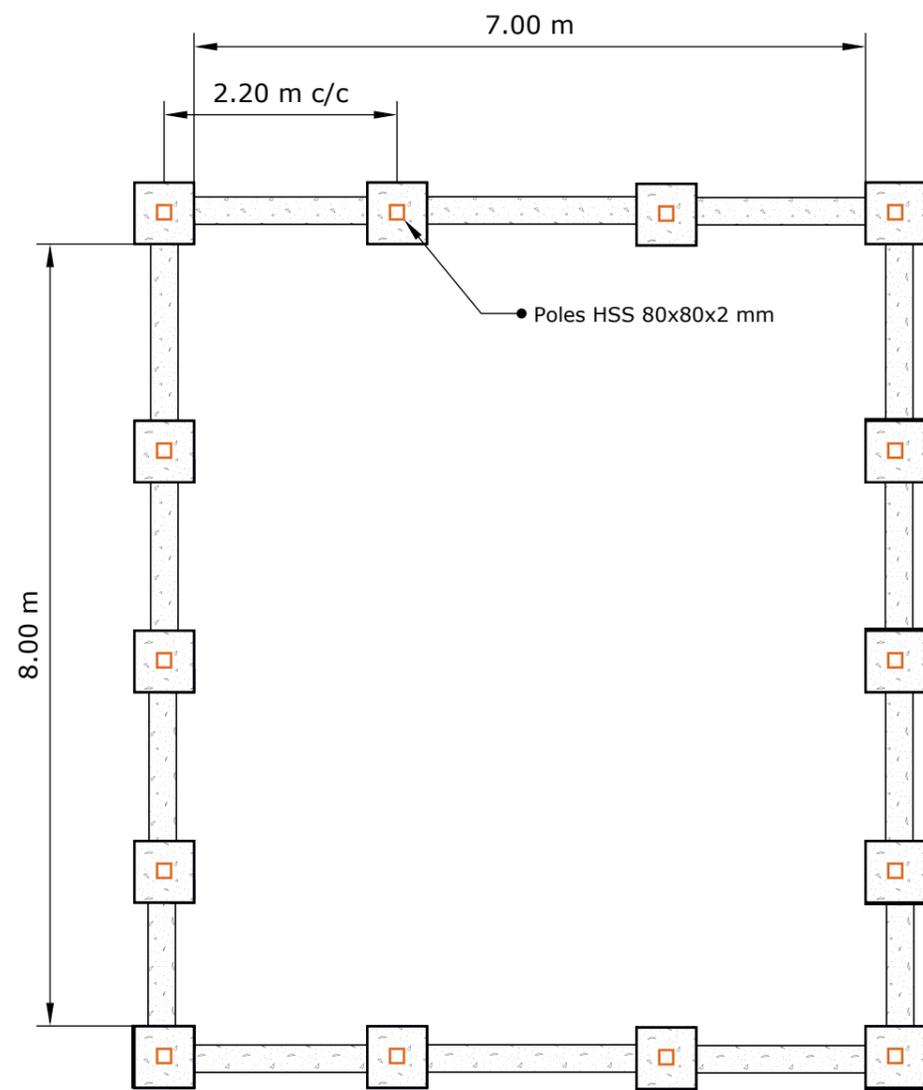
Sheet NO: 2

Designed by: Omar Ali Rafeek

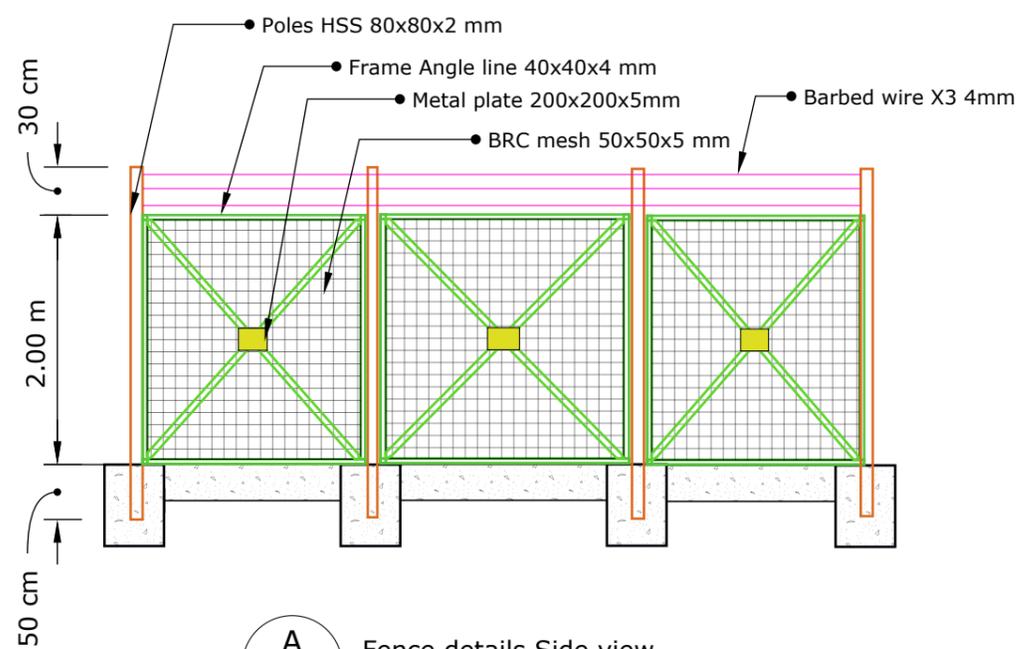
Approved by: Ibrahim A. Ahmed

Approve date: May 23 2022

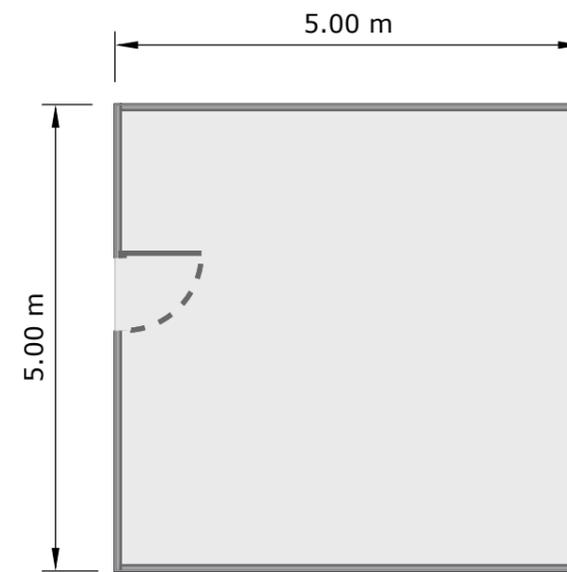
Notes:



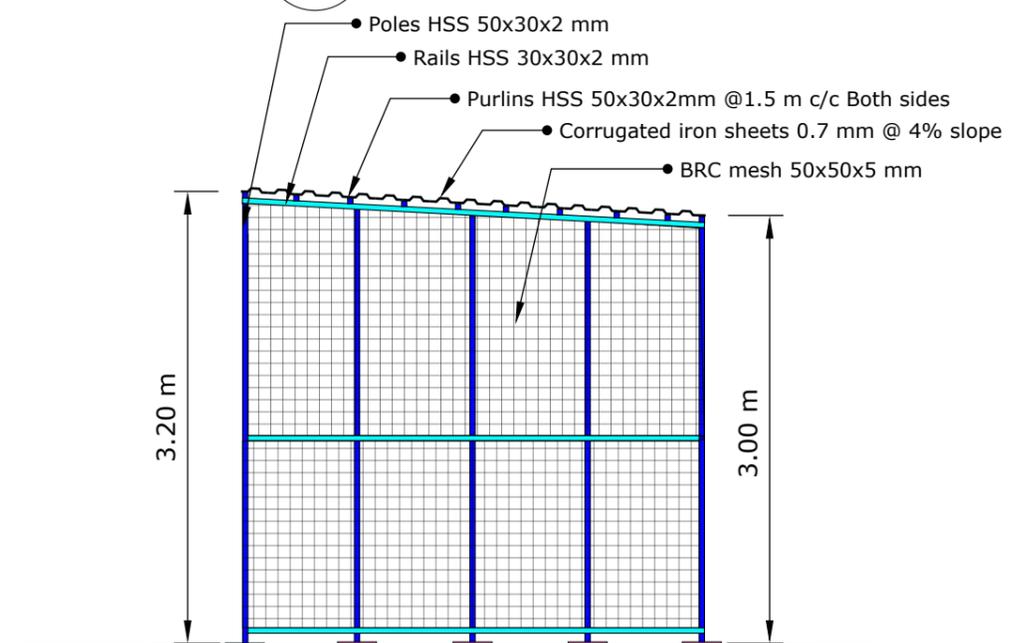
A
5
Fence details Top view



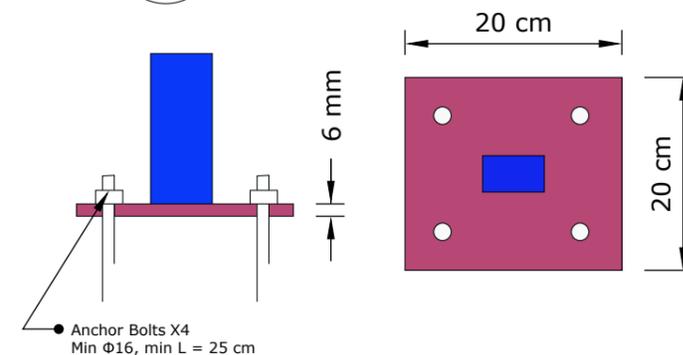
A
4
Fence details Side view



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

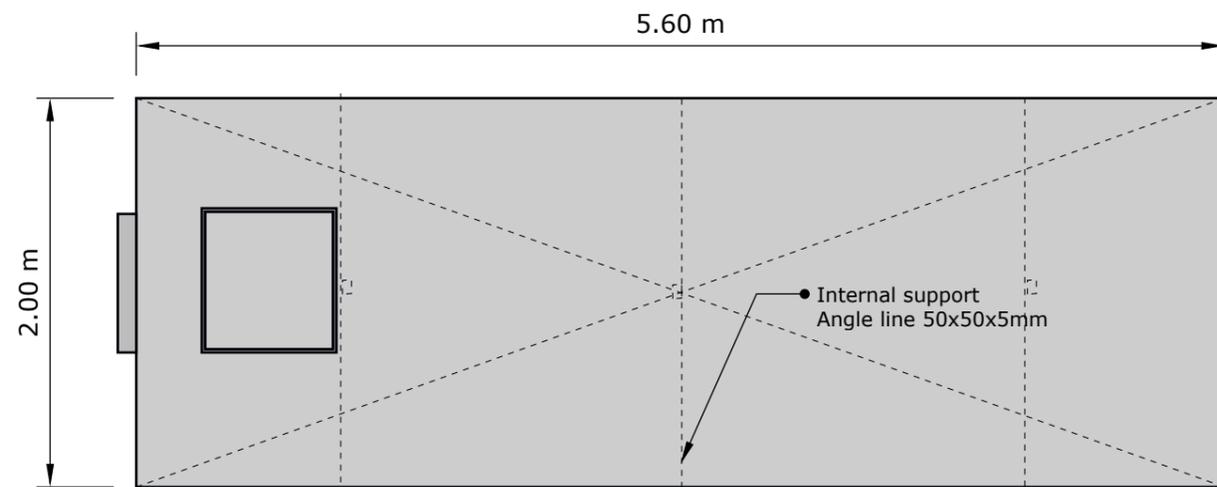
Sheet NO: 3

Designed by: Omar Ali Rafeek

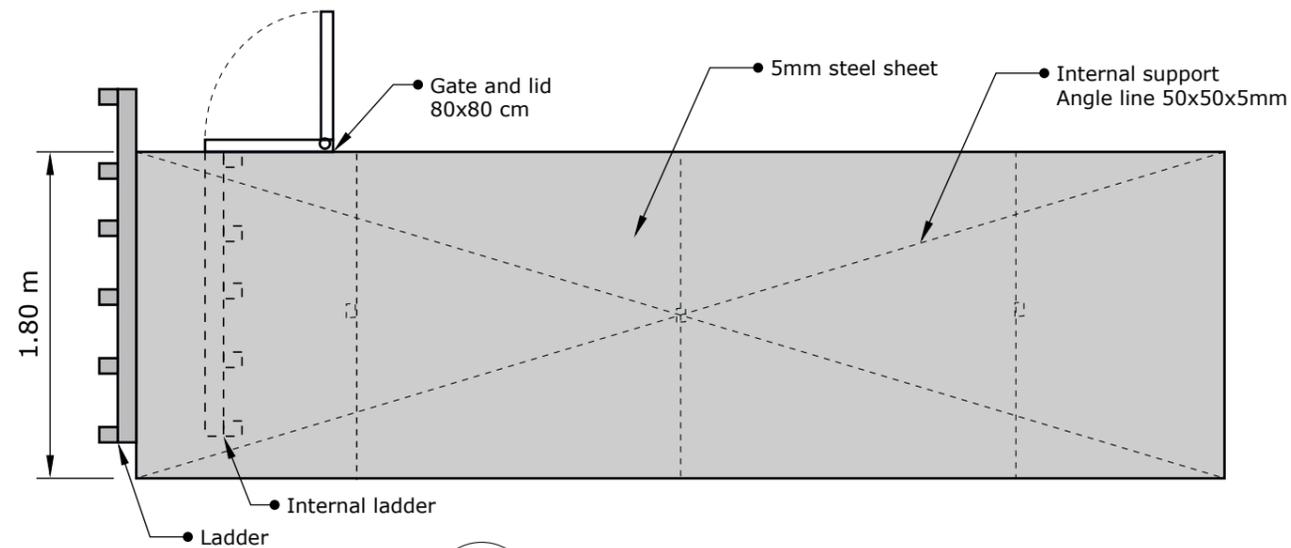
Approved by: Ibrahim A. Ahmed

Approve date: May 23 2022

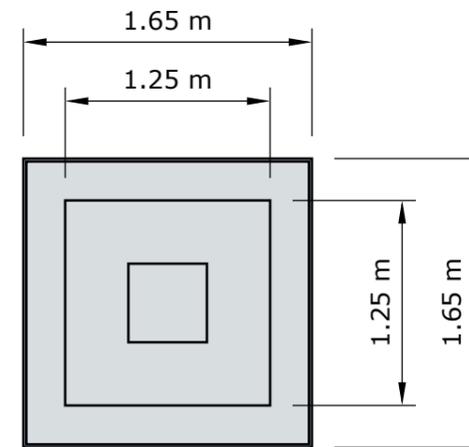
Notes:



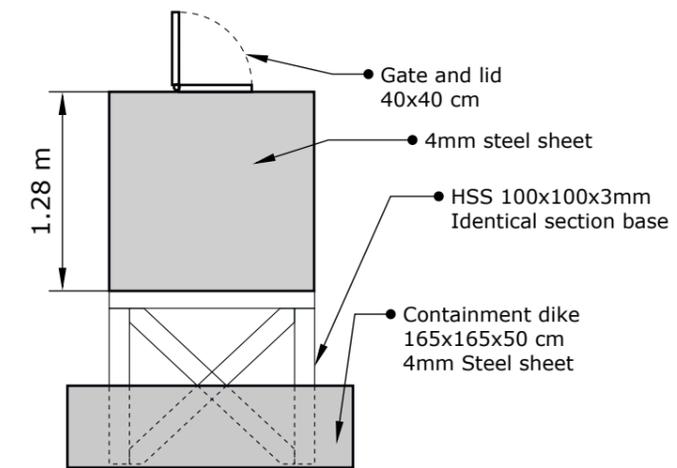
A
9 Water tank top view



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

Approved by: Ibrahim A. Ahmed

Approve date: May 23 2022

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