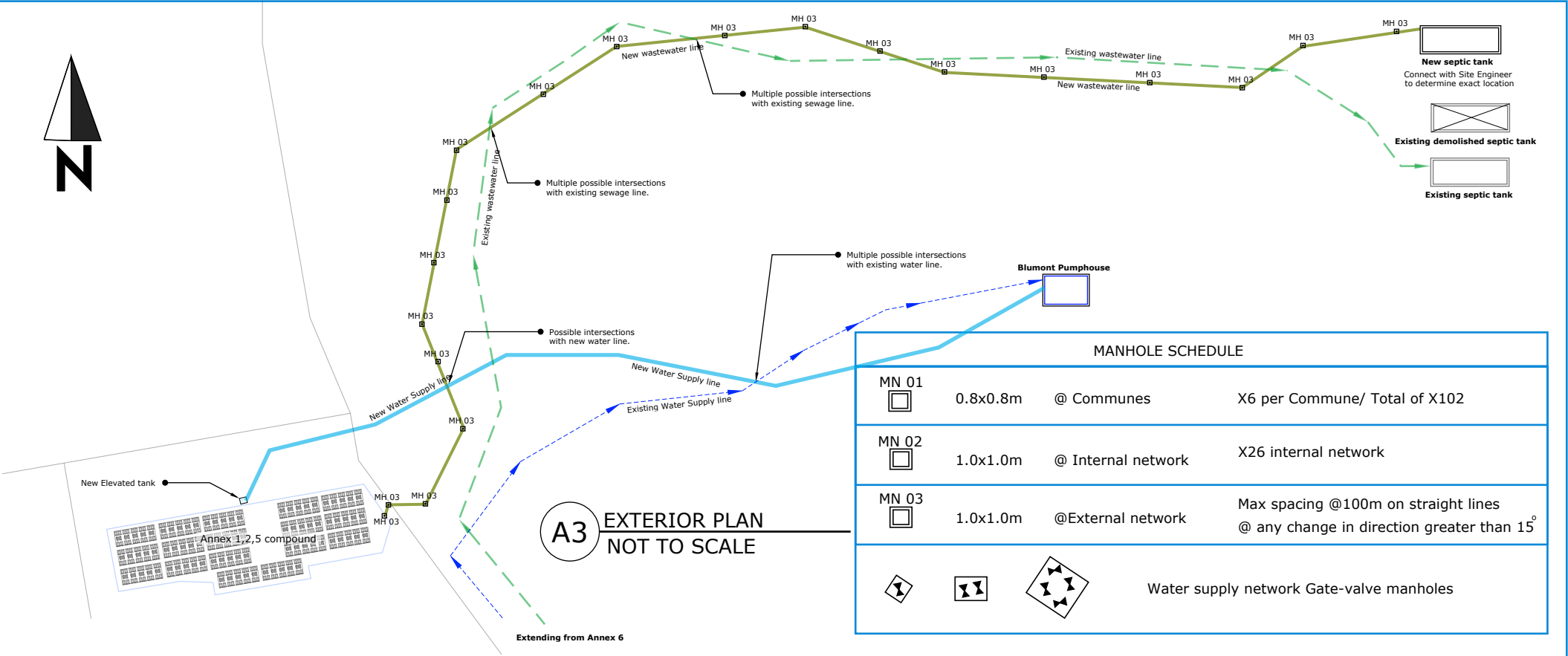
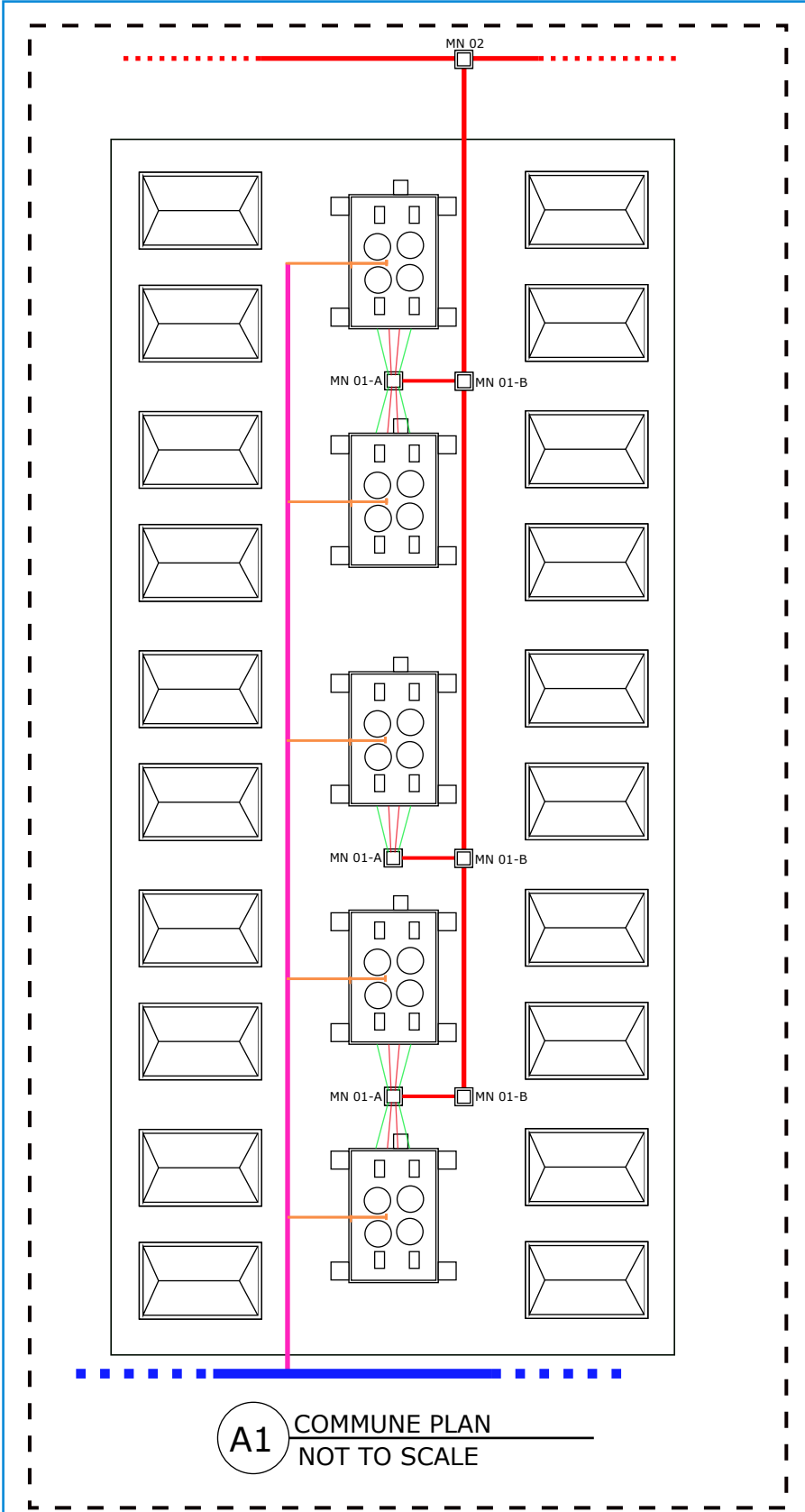
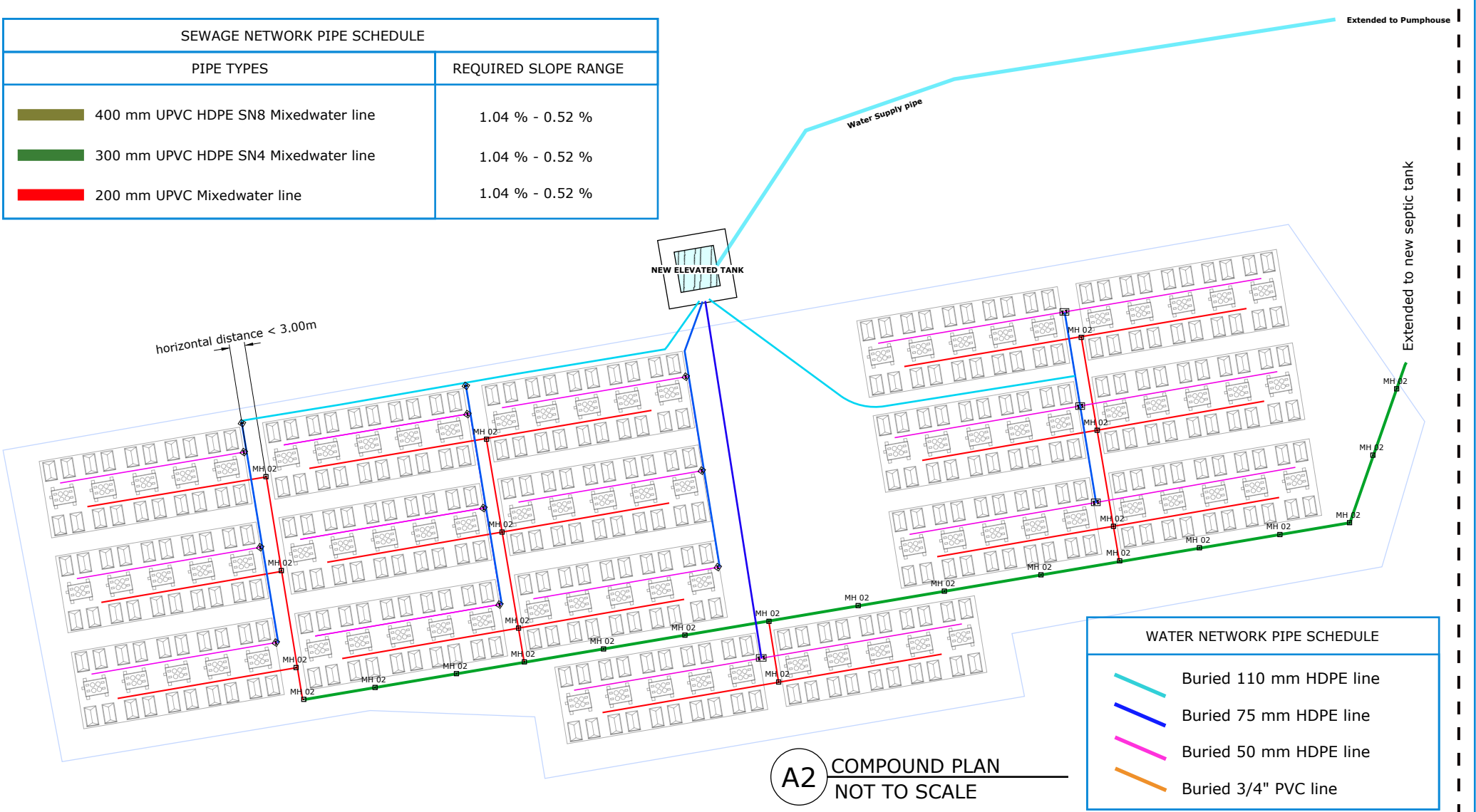




SEWAGE NETWORK PIPE SCHEDULE	
PIPE TYPES	REQUIRED SLOPE RANGE
400 mm UPVC HDPE SN8 Mixedwater line	1.04 % - 0.52 %
300 mm UPVC HDPE SN4 Mixedwater line	1.04 % - 0.52 %
200 mm UPVC Mixedwater line	1.04 % - 0.52 %

MANHOLE SCHEDULE			
MN 01	0.8x0.8m	@ Communes	X6 per Commune/ Total of X102
MN 02	1.0x1.0m	@ Internal network	X26 internal network
MN 03	1.0x1.0m	@External network	Max spacing @100m on straight lines @ any change in direction greater than 15°
		Water supply network Gate-valve manholes	



WATER NETWORK PIPE SCHEDULE	
	Buried 110 mm HDPE line
	Buried 75 mm HDPE line
	Buried 50 mm HDPE line
	Buried 3/4" PVC line

BLUMONT INC.	
Blueprint title:	Wastewater network / Water network
Sheet number:	00
Sheet title:	Network plan
Design lead:	Omar Ali Rafeek, Bashar Al-Atiyah, Shvan Zaza
Approved by:	Ibrahim A. Ahmed
Date:	4 MARCH 2024

N

WATER NETWORK PIPE SCHEDULE

Buried 110 mm HDPE line

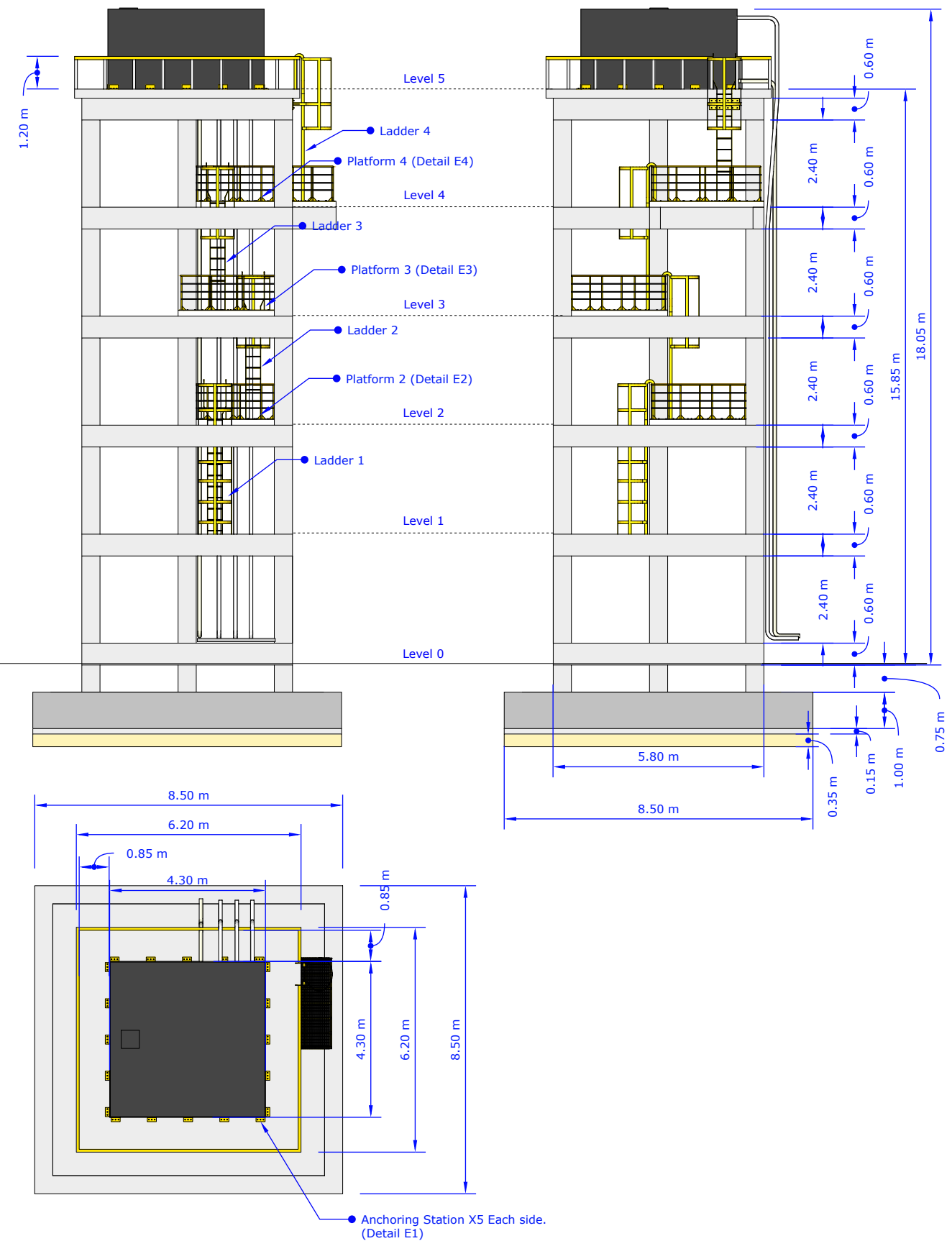
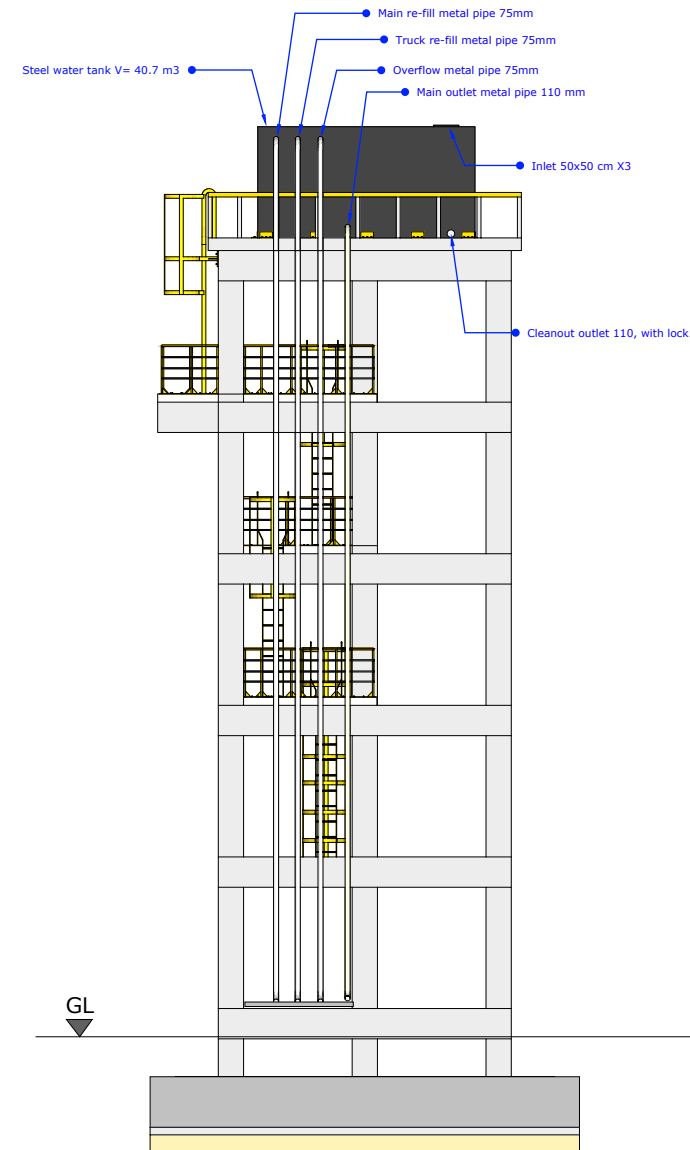
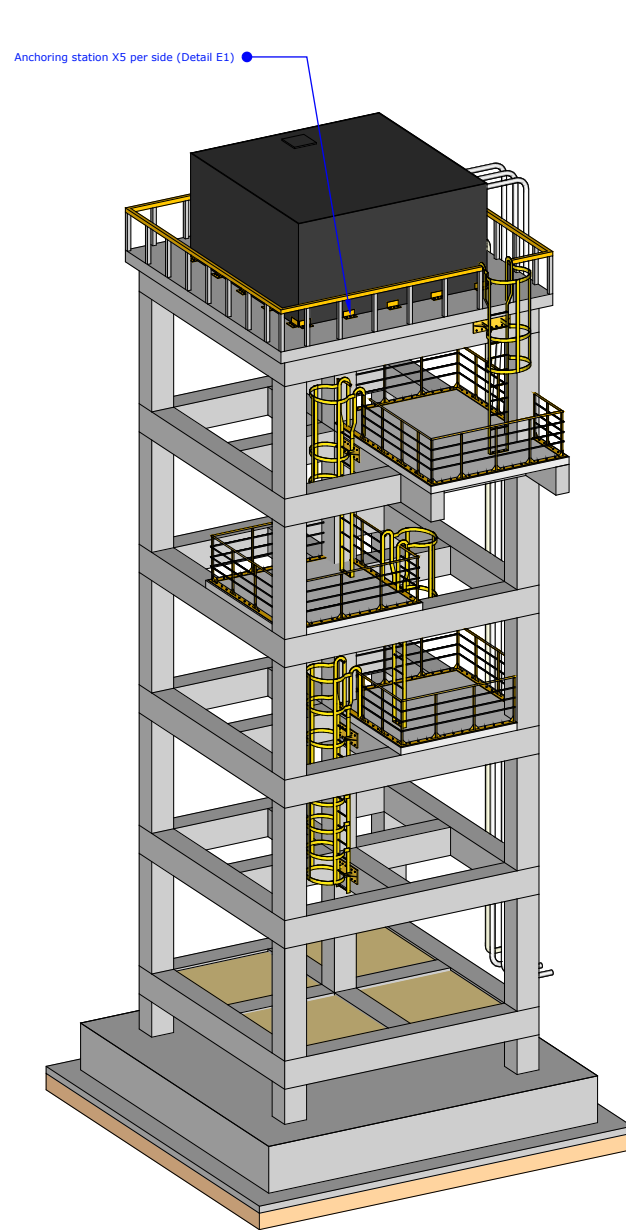
Buried 75 mm HDPE line

Buried 50 mm HDPE line

Buried 3/4" PVC line

Thrust blocks to be construction on the main exterior line where bends are present.

BLUMONT INC.
Blueprint title: Water network Anx 2,4,5
Sheet number: 01
Sheet title: Network plan
Design lead: Omar Ali Rafeek, Bashar Al-Atiyah
Approved by: Ibrahim A. Ahmed
Date: 4 FEB 2024



A4 ELEVATED TANK DETAILS
SCALE 1:150

BLUMONT INC.

Blueprint title: Water network Anx 2,4,5

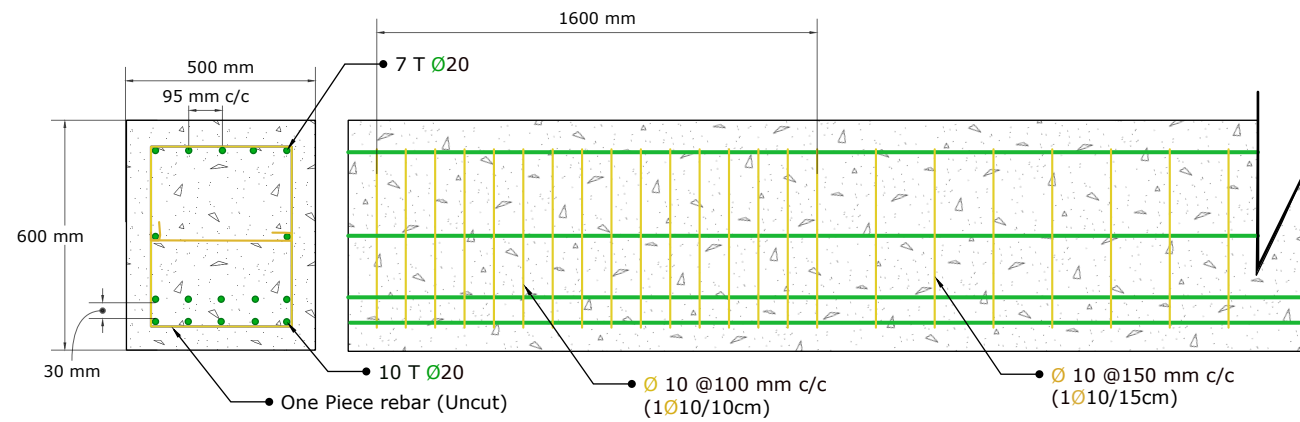
Sheet number: 02

Sheet title: Elevated tank, overview

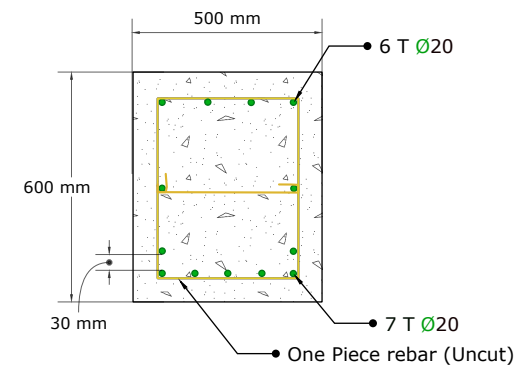
Design lead: Omar Ali Rafeek, Bashar Al-Atiyah

Approved by: Ibrahim A. Ahmed

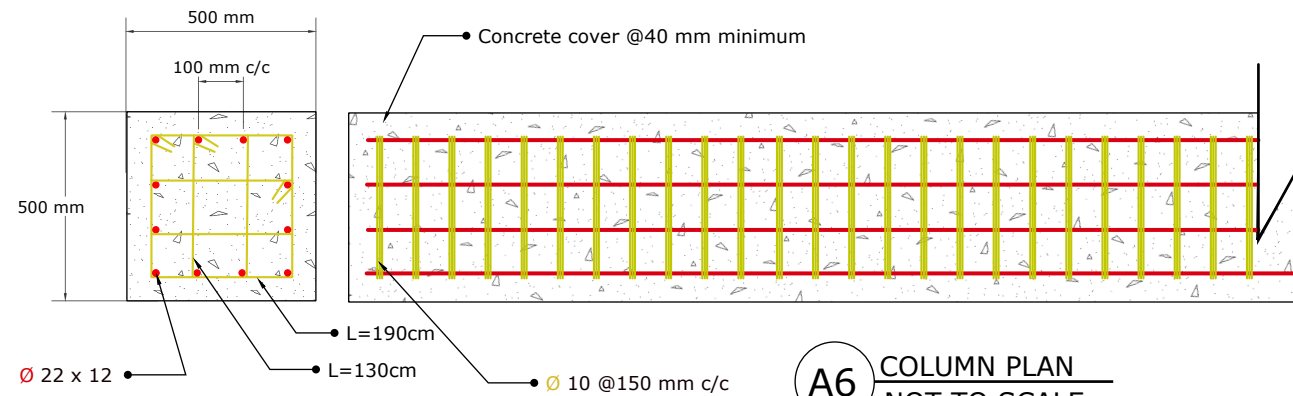
Date: 4 FEB 2024



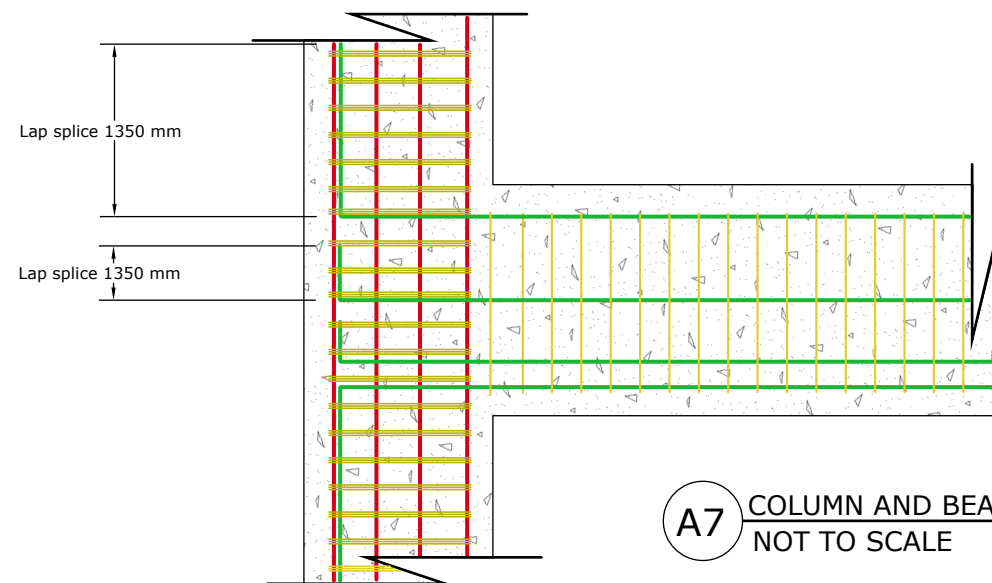
A5-a EXTERNAL BEAM PLAN
NOT TO SCALE



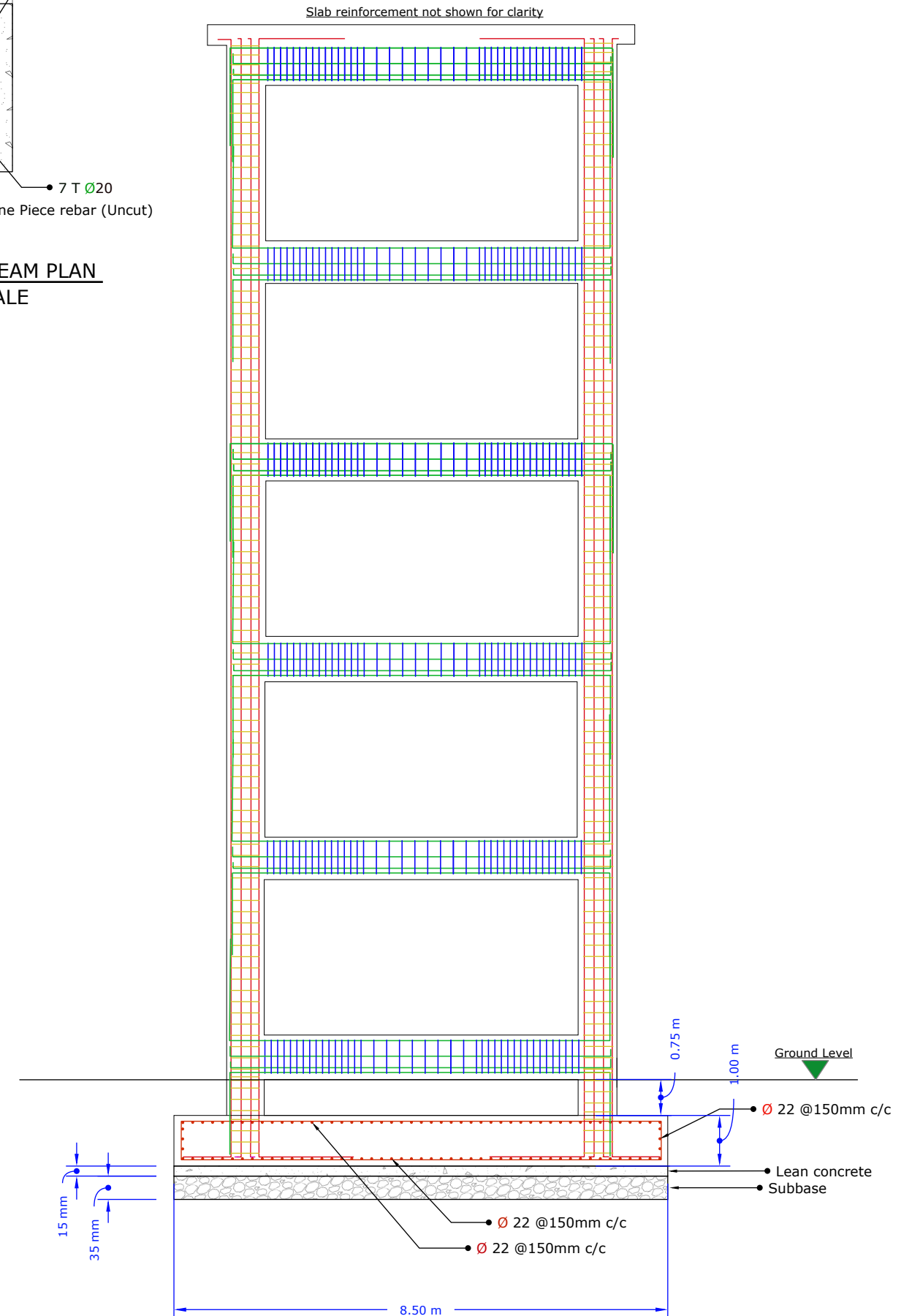
A5-b INTERIOR BEAM PLAN
NOT TO SCALE



A6 COLUMN PLAN
NOT TO SCALE



A7 COLUMN AND BEAM CONNECTION
NOT TO SCALE



A8 ELEVATED TANK CROSS SECTION
NOT TO SCALE

BLUMONT INC.

Blueprint title: Water network Anx 2,4,5

Sheet number: 03

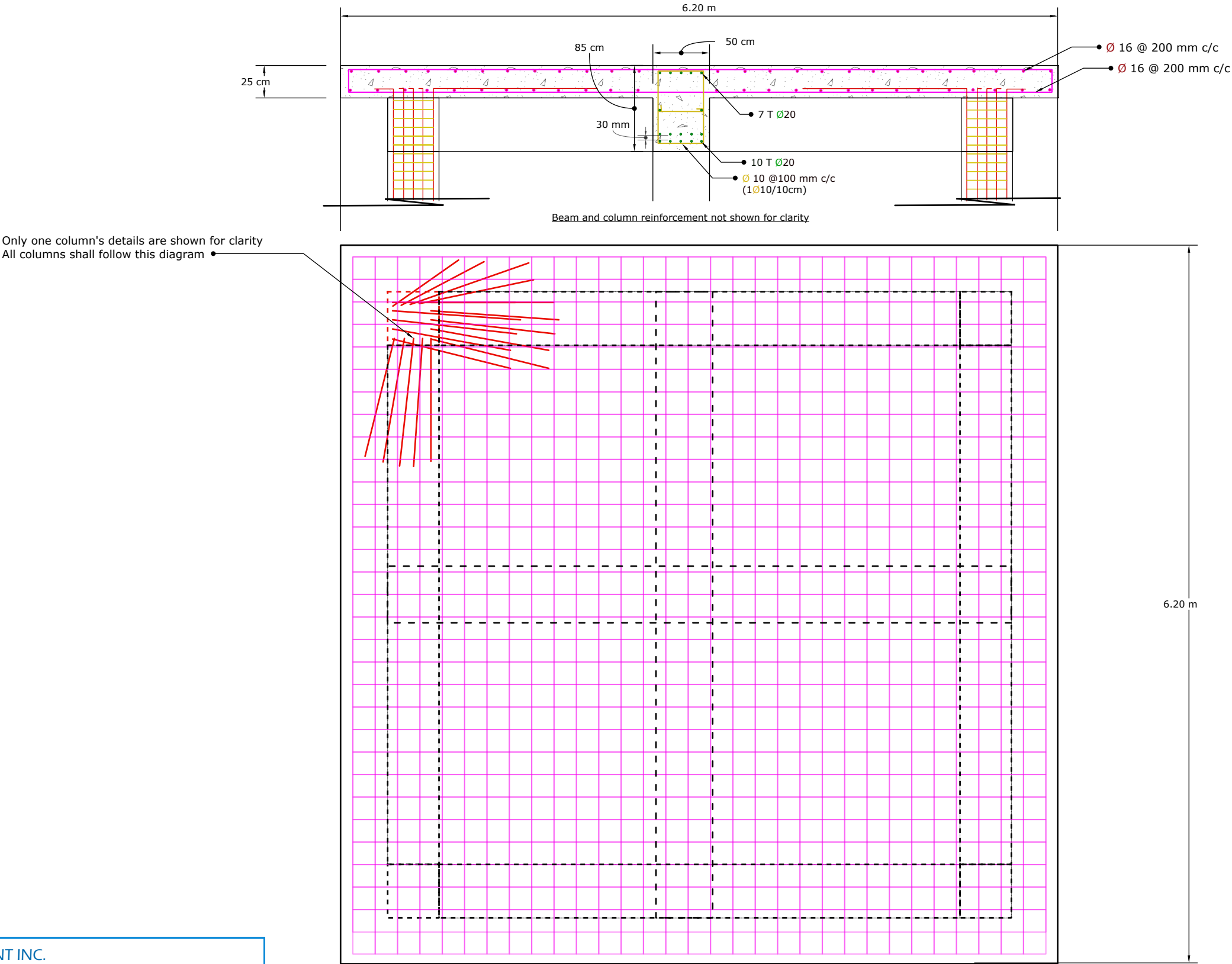
Sheet title: Elevated tank, Structural design

Design lead: Omar Ali Rafeek, Bashar Al-Atiyah

Approved by: Ibrahim A. Ahmed

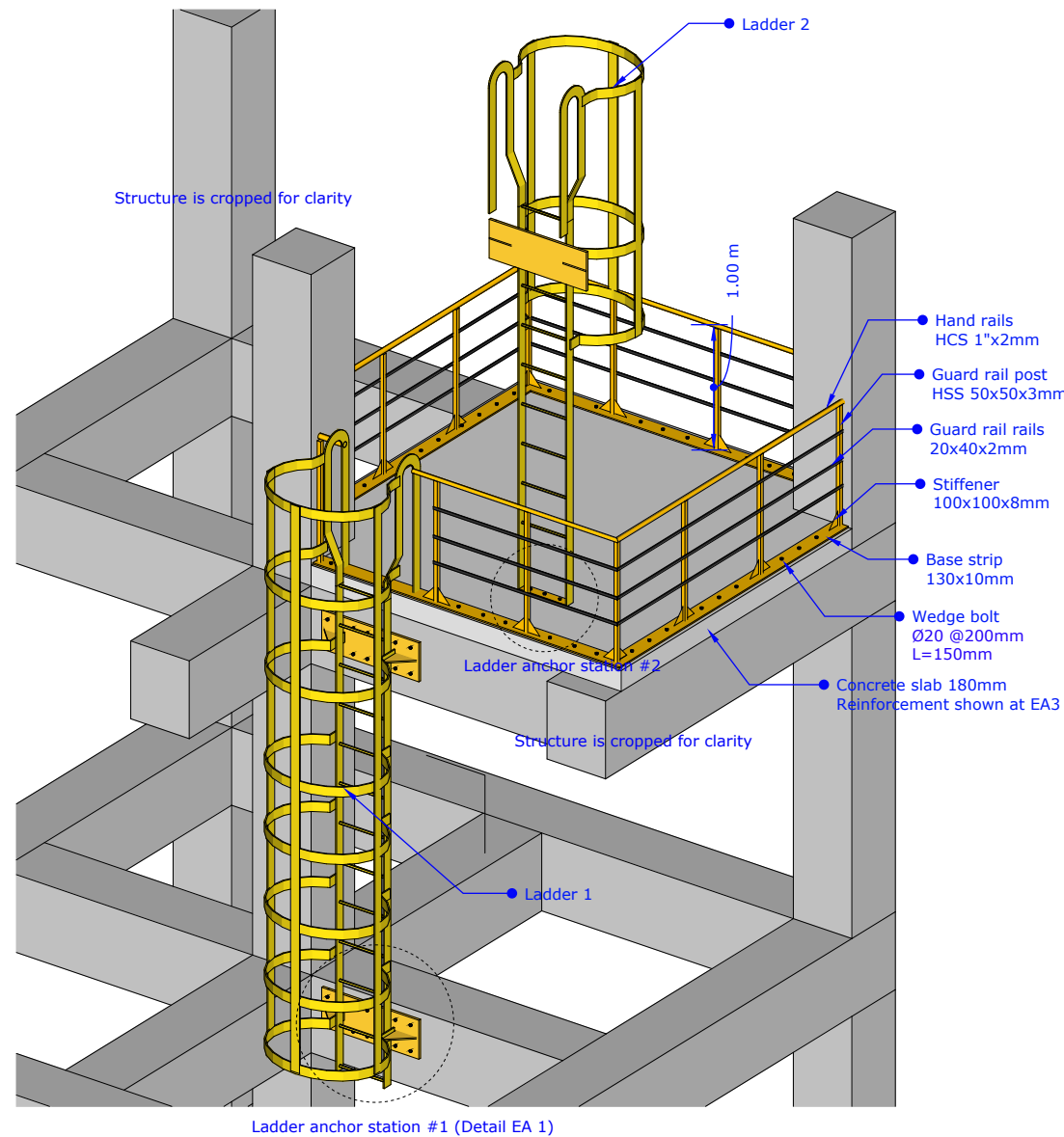
Date: 4 FEB 2024

Rebar	Diameter	Lap splice
●	Ø 22 mm	1500 mm
●	Ø 20 mm	1350 mm
●	Ø 10 mm	720 mm
●	Ø 10 mm	720 mm

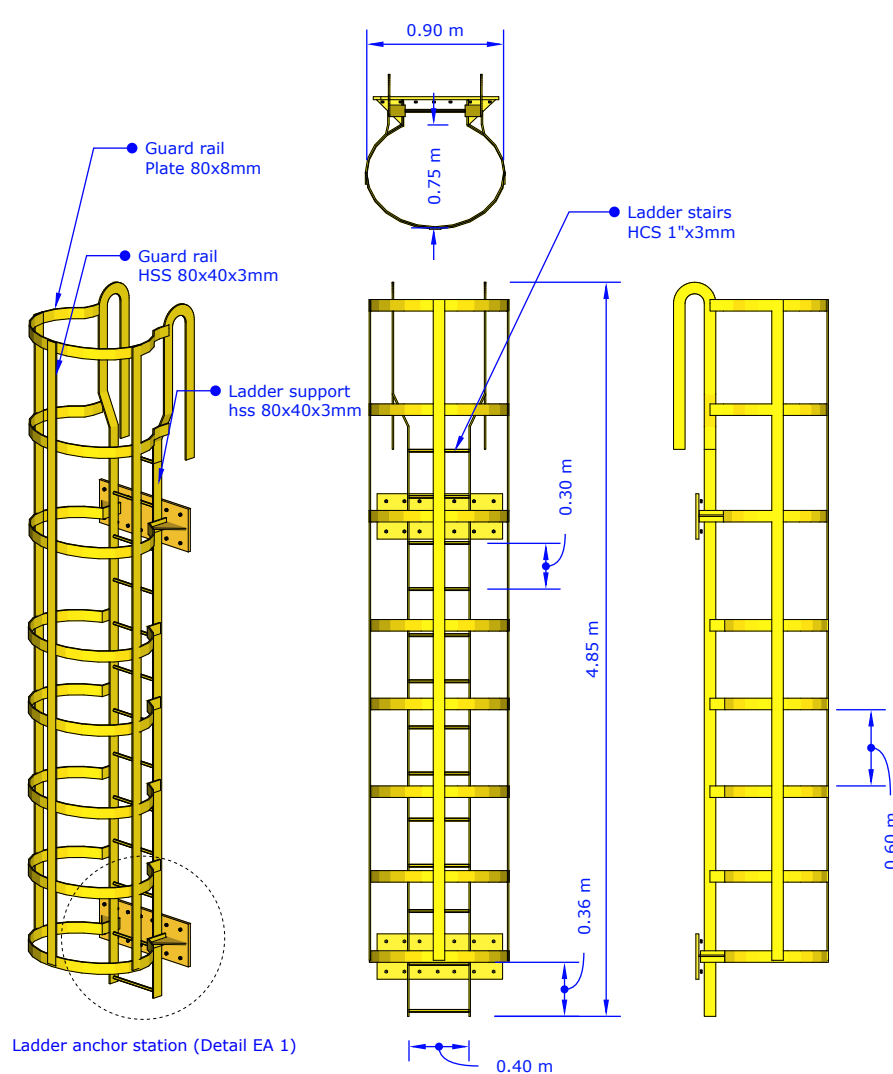


BLUMONT INC.	
Blueprint title:	Water network Anx 2,4,5
Sheet number:	04
Sheet title:	Elevated tank, Structural design #2
Design lead:	Omar Ali Rafeek, Bashar Al-Atiyah
Approved by:	Ibrahim A. Ahmed
Date:	4 FEB 2024

A9 SLAB PLAN
NOT TO SCALE

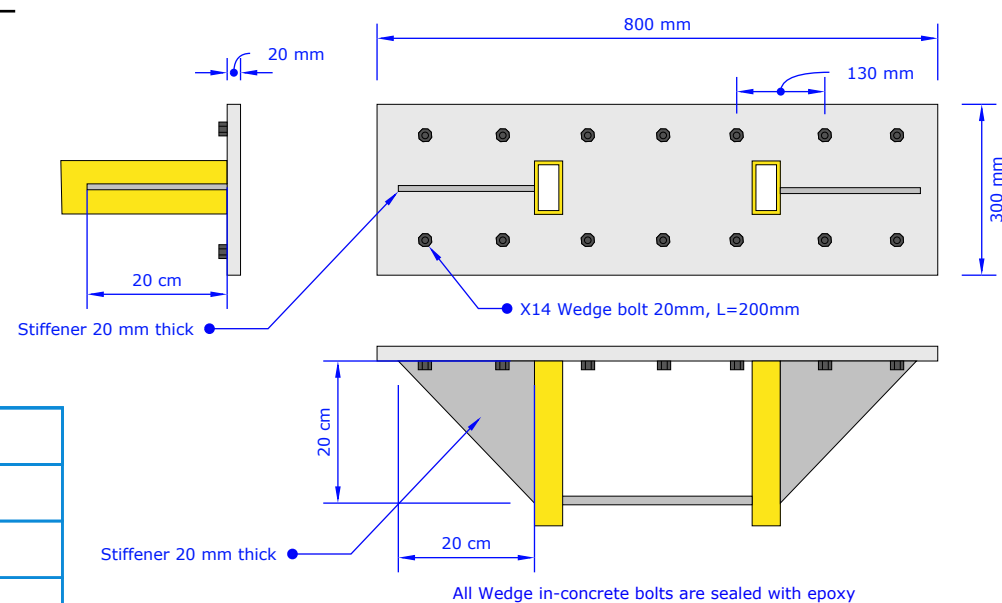


E2 PLATFORM 2
SCALE 1:50

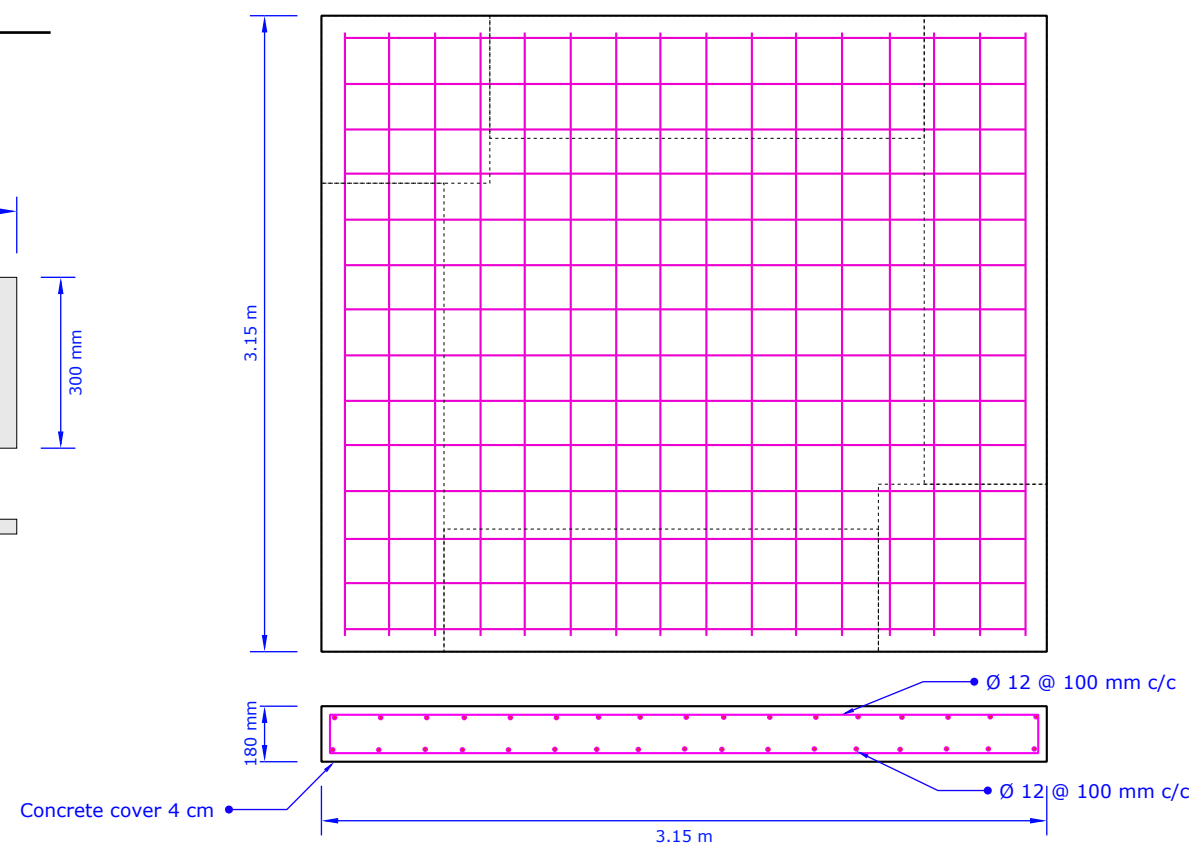


M1 LADDER 1
SCALE 1:50

M2 LADDER 2,3
SCALE 1:50

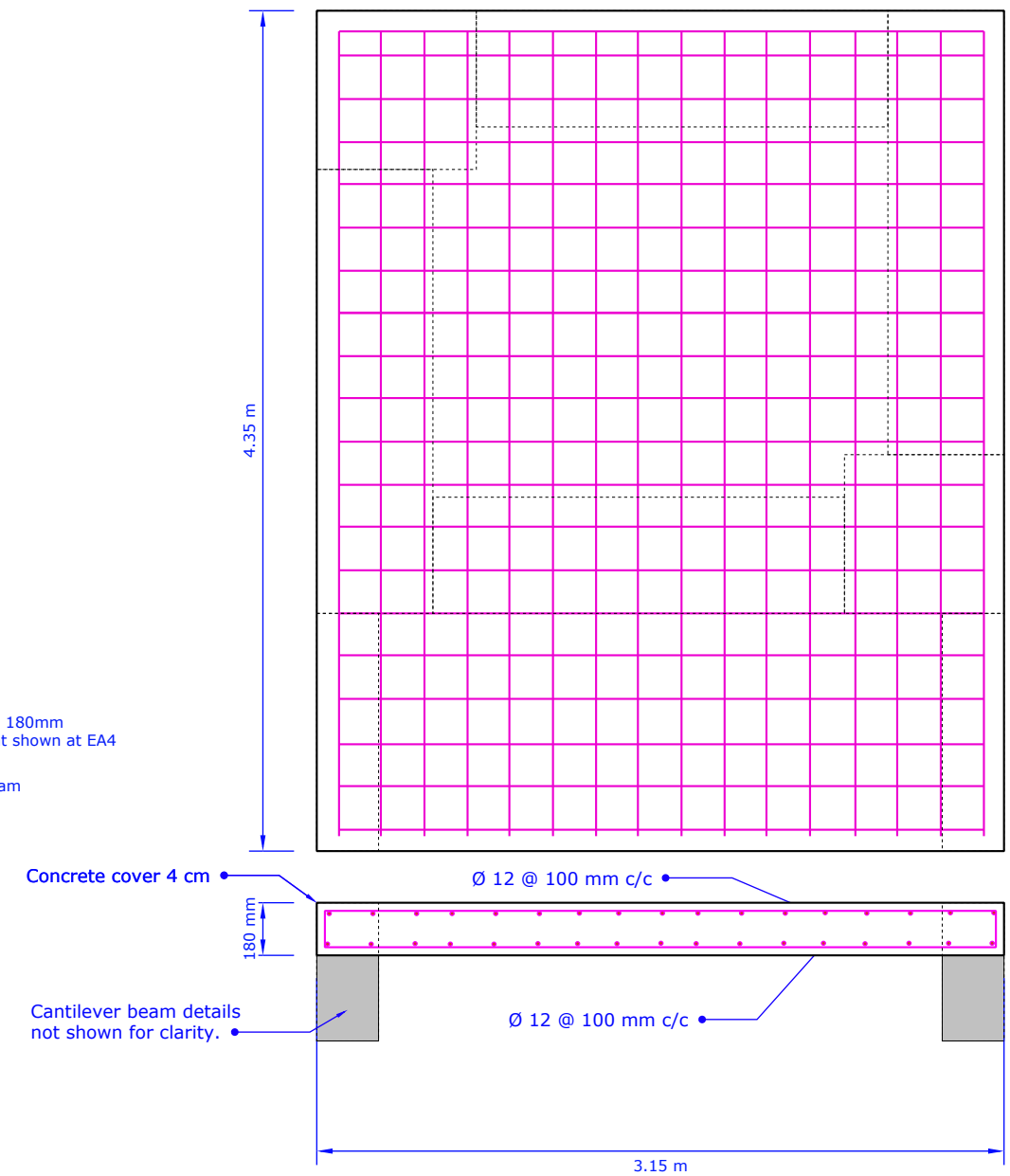
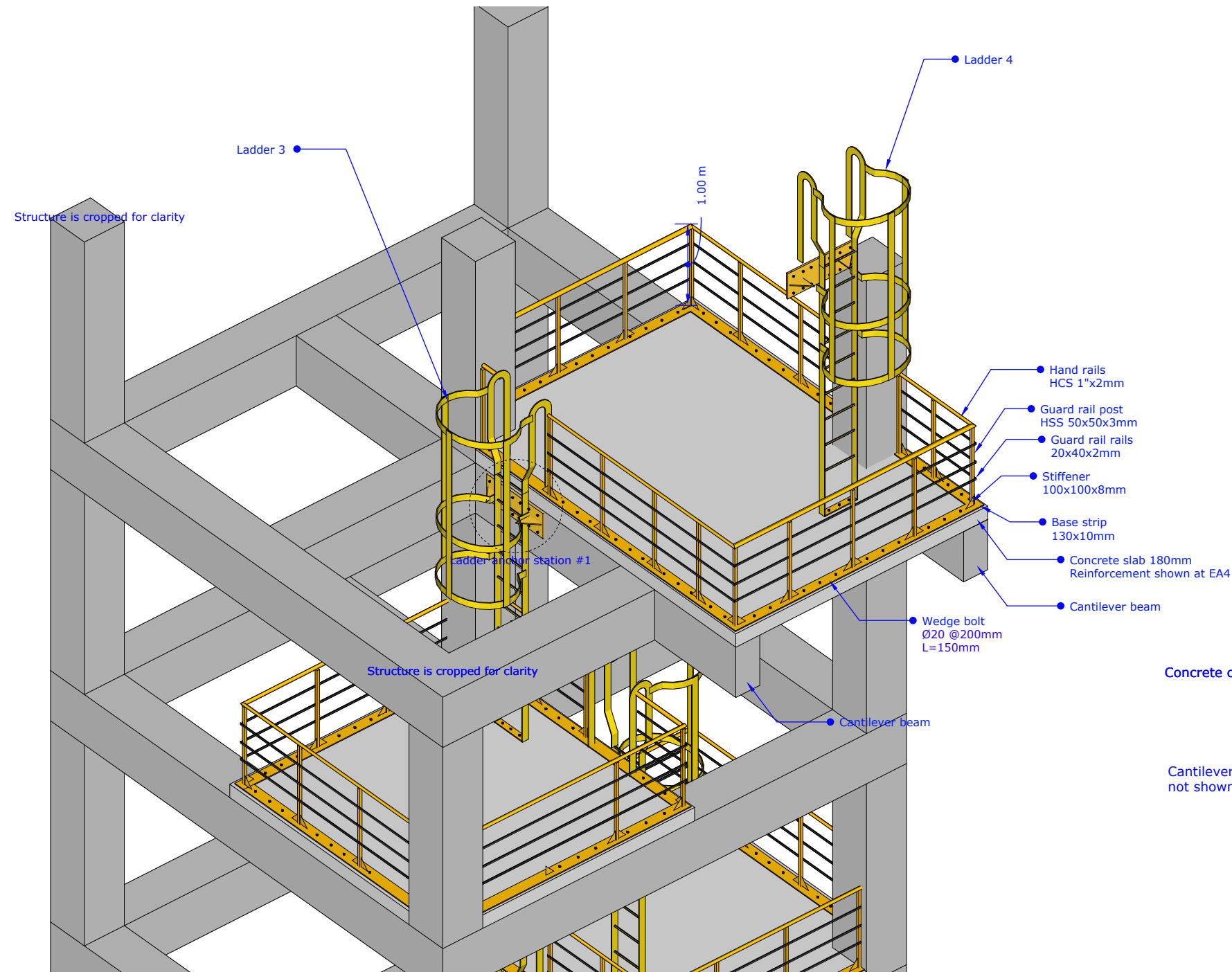


EA1 Ladder Anchor station #1
Not to scale

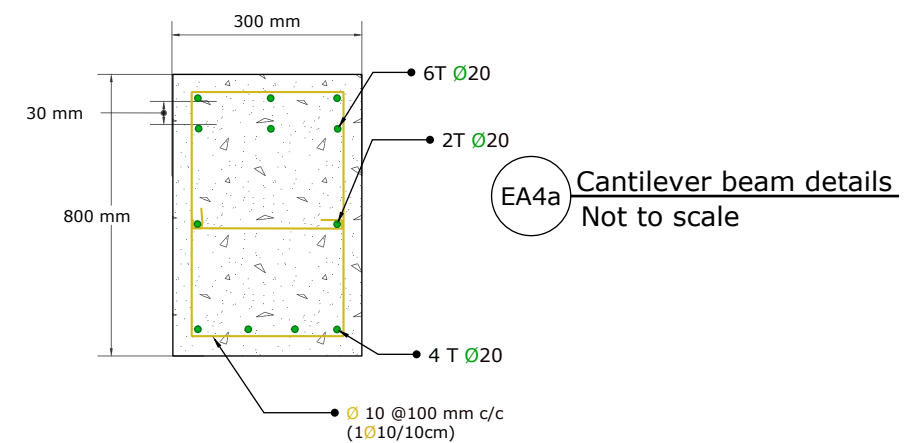


EA3 Concrete Slab details
Not to scale

BLUMONT INC.	
Blueprint title:	Water network Anx 2,4,5
Sheet number:	05
Sheet title:	Elevated tank platform, Structural design
Design lead:	Omar Ali Rafeek, Bashar Al-Atiyah
Approved by:	Ibrahim A. Ahmed
Date:	4 FEB 2024

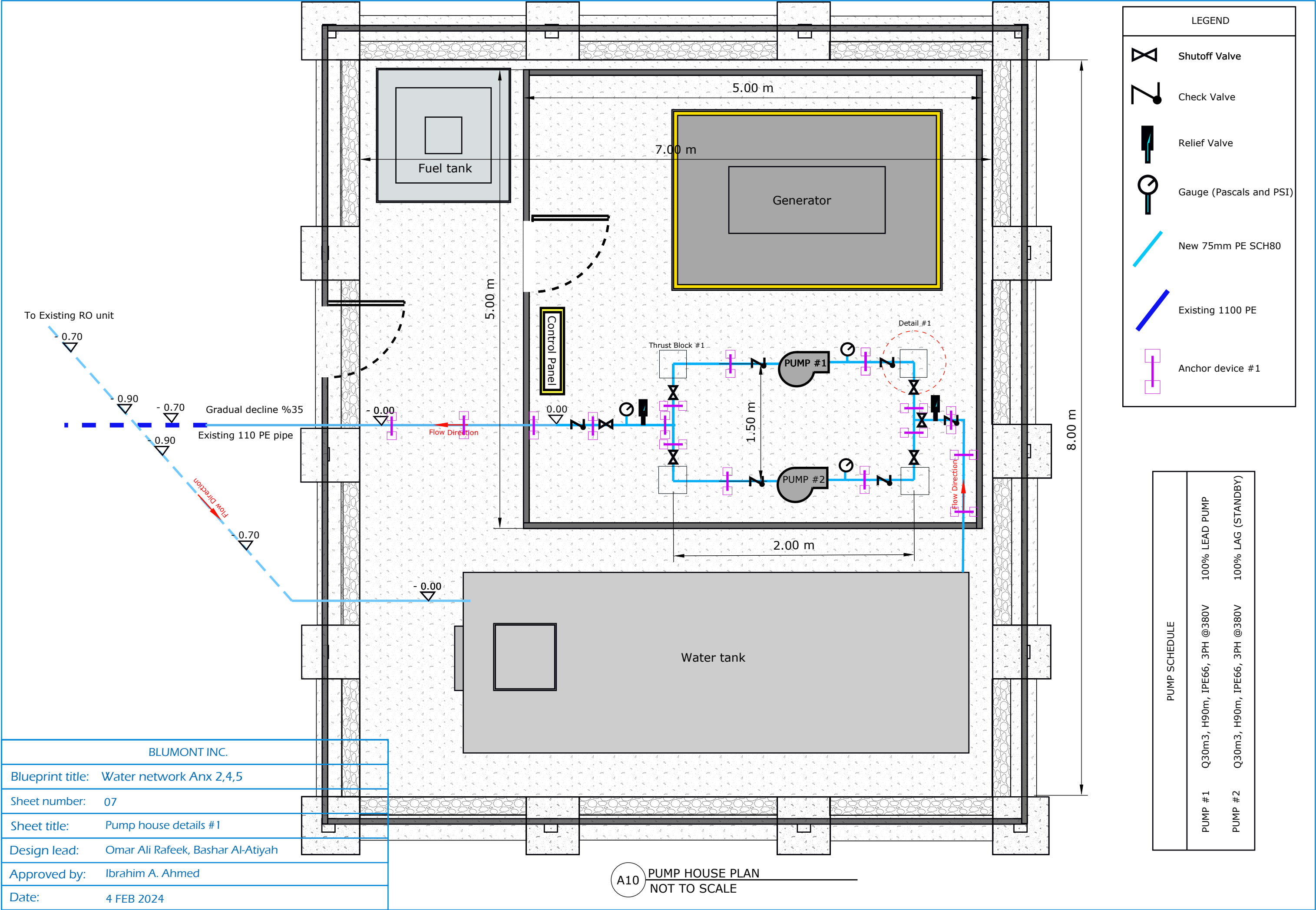


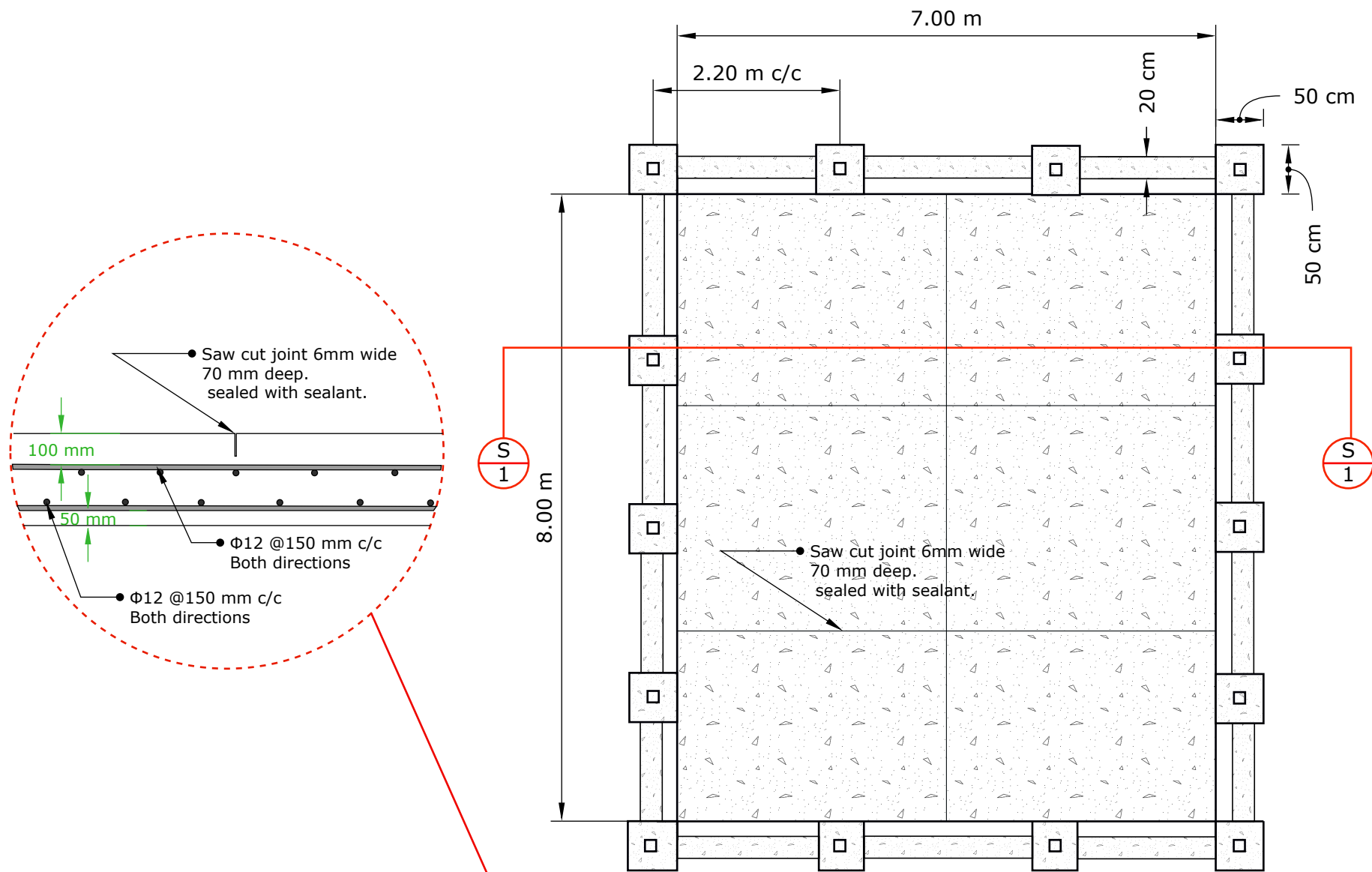
EA4 Concrete slab details
Not to scale



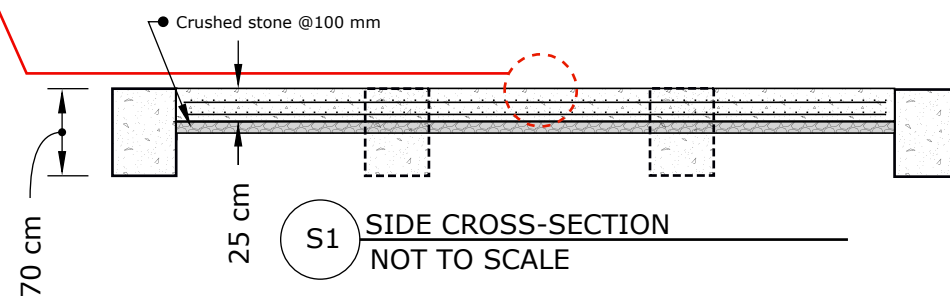
E4 PLATFORM 4, LADDER 3 AND 4
SCALE 1:50

BLUMONT INC.	
Blueprint title:	Water network Anx 2,4,5
Sheet number:	06
Sheet title:	Elevated tank platform, Structural design
Design lead:	Omar Ali Rafeek, Bashar Al-Atiyah
Approved by:	Ibrahim A. Ahmed
Date:	4 FEB 2024

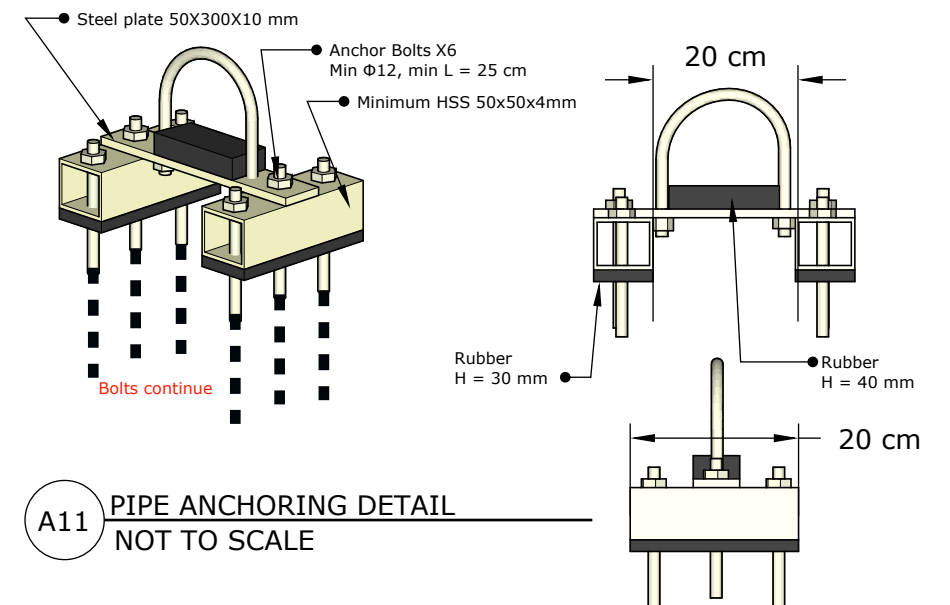
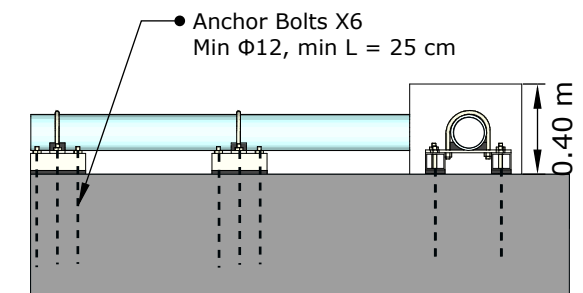
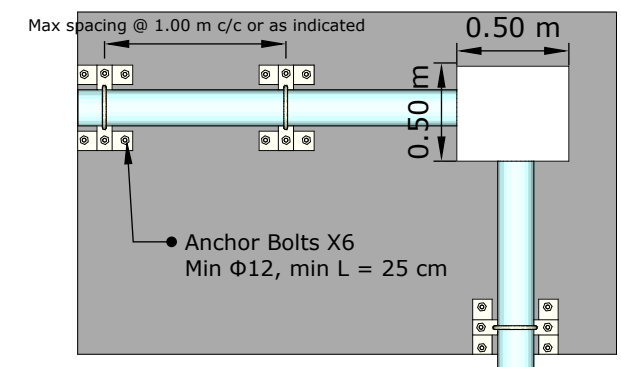
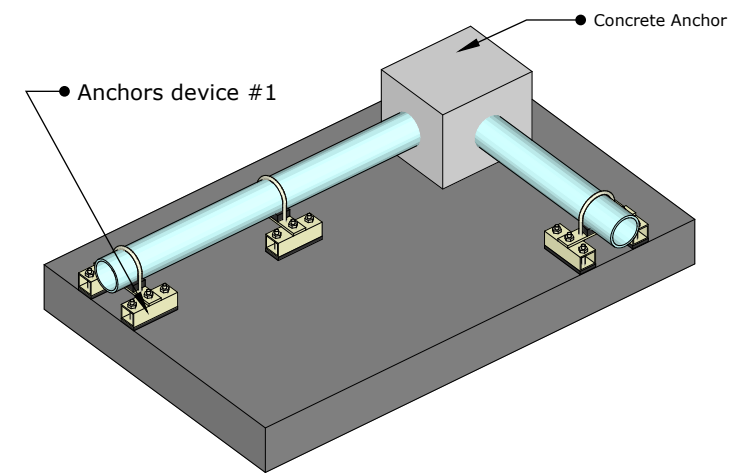




A12 CONCRETE BASE TOP VIEW
NOT TO SCALE



S1 SIDE CROSS-SECTION
NOT TO SCALE



A11 PIPE ANCHORING DETAIL
NOT TO SCALE

BLUMONT INC.

Blueprint title: Water network Anx 2,4,5

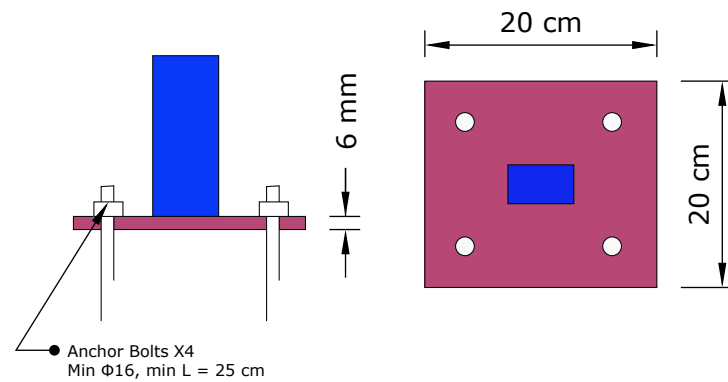
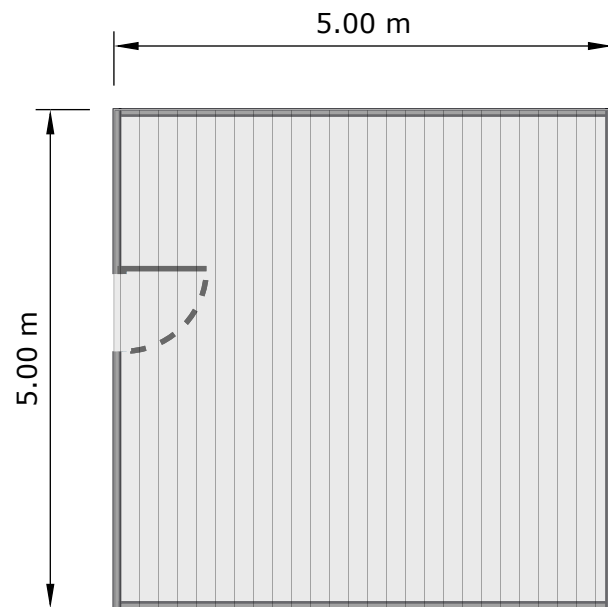
Sheet number: 08

Sheet title: Pump house details #2

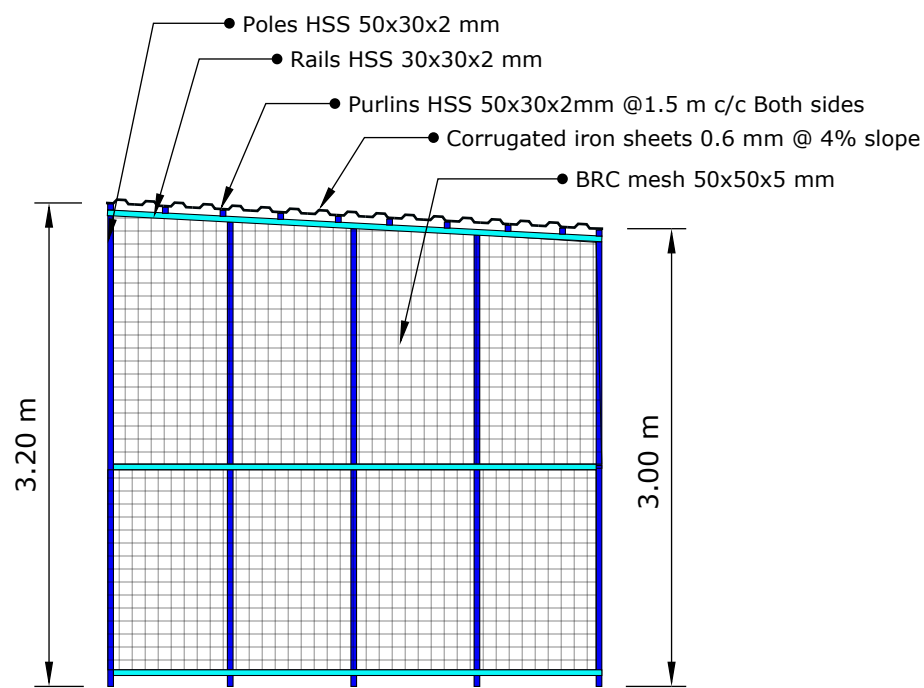
Design lead: Omar Ali Rafeek, Bashar Al-Atiyah

Approved by: Ibrahim A. Ahmed

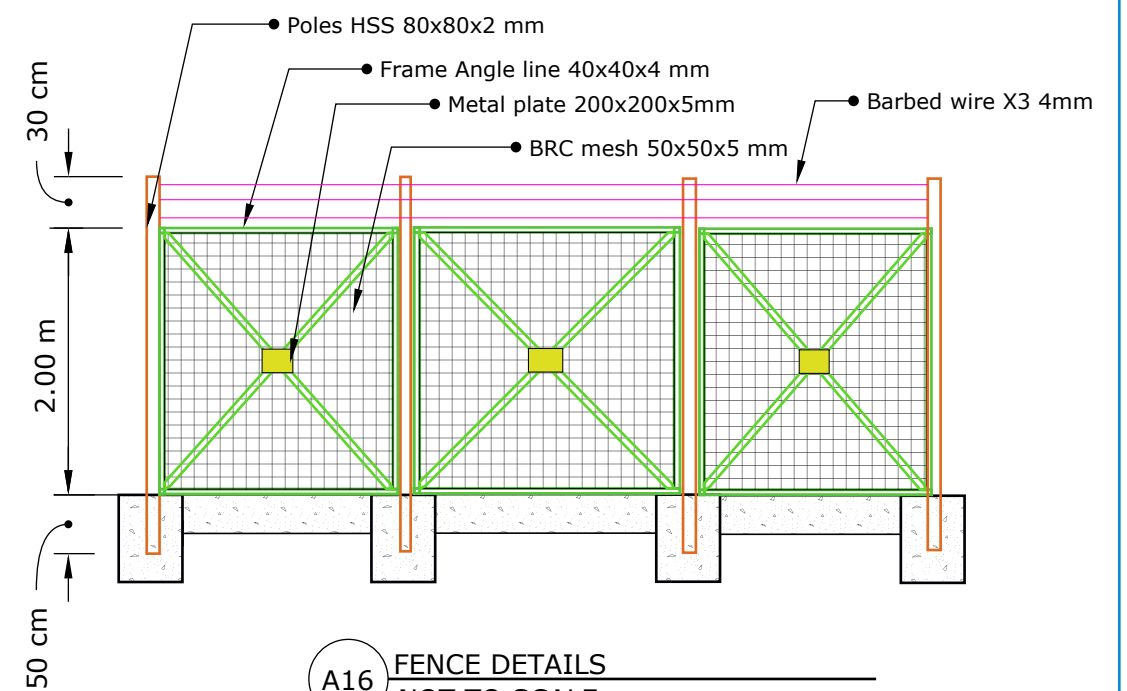
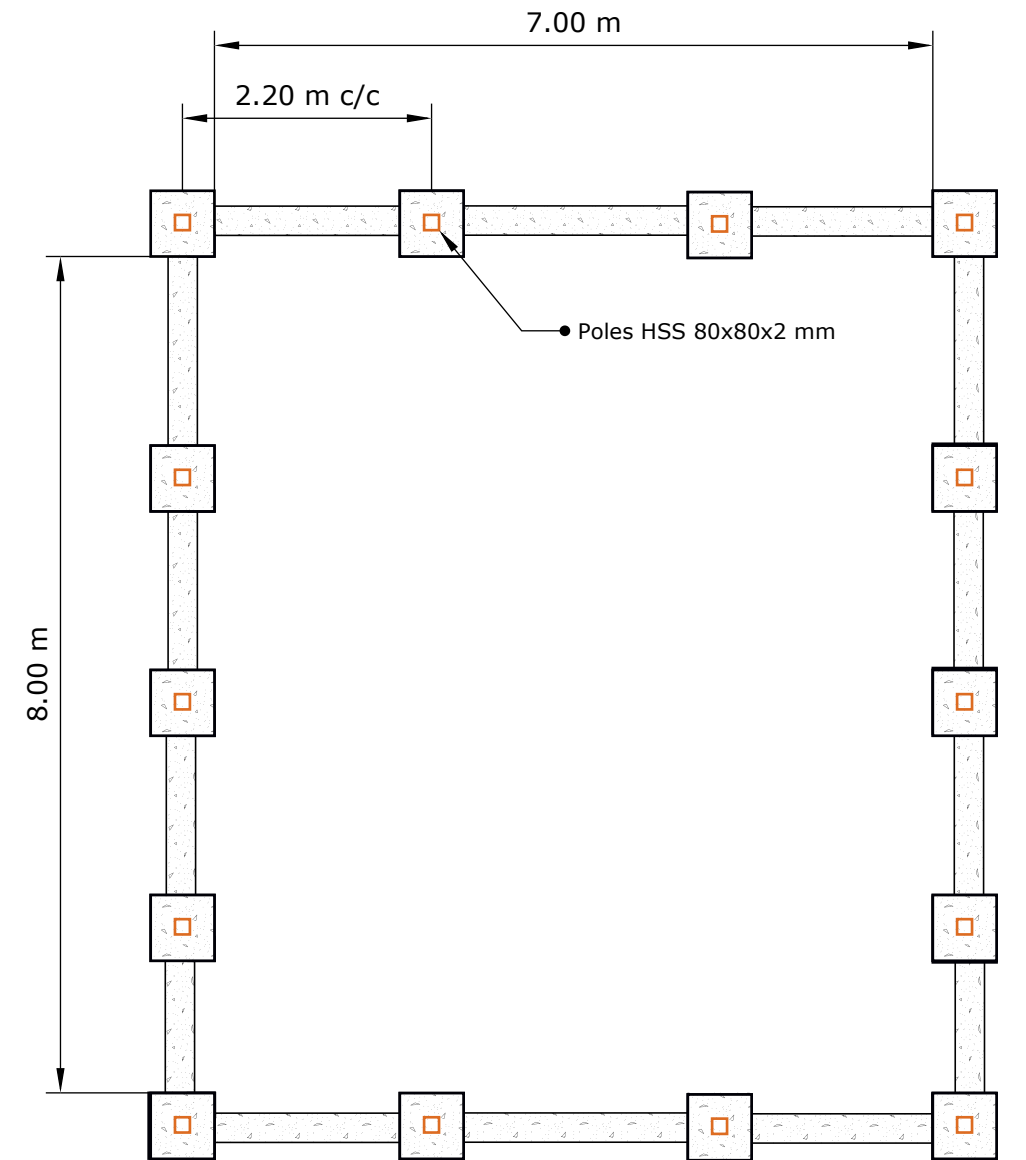
Date: 4 FEB 2024



A15 METAL COVER ANCHOR
NOT TO SCALE



A14 METAL COVER DETAILS
NOT TO SCALE



A16 FENCE DETAILS
NOT TO SCALE

BLUMONT INC.

Blueprint title: Water network Anx 2,4,5

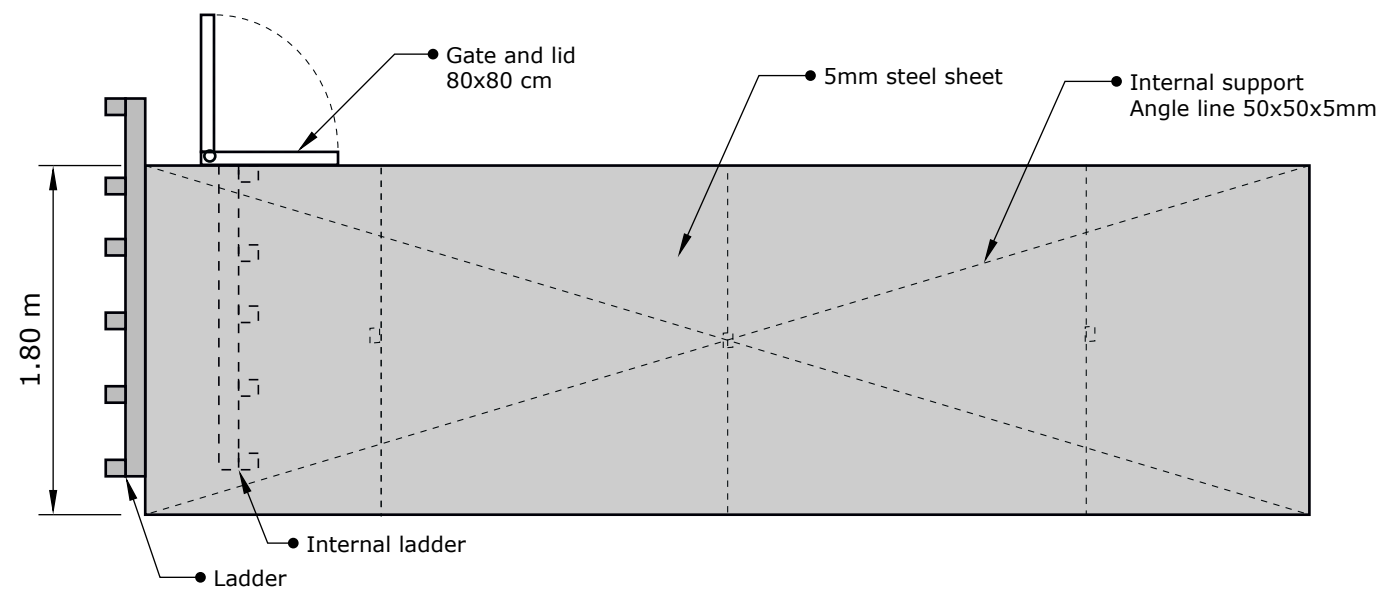
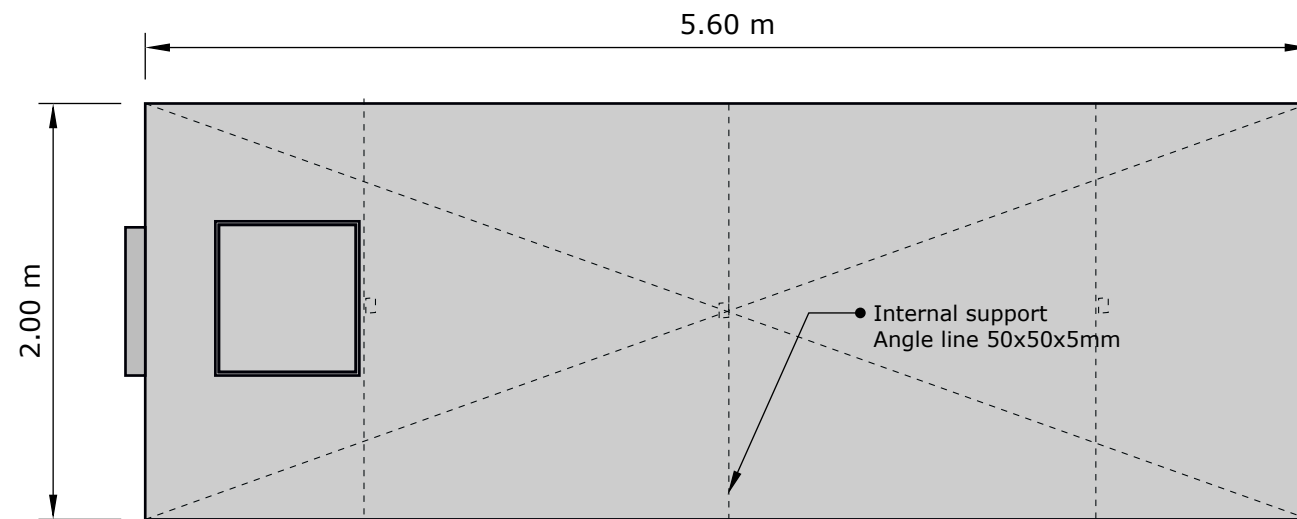
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Sheet title: Pump house details #3

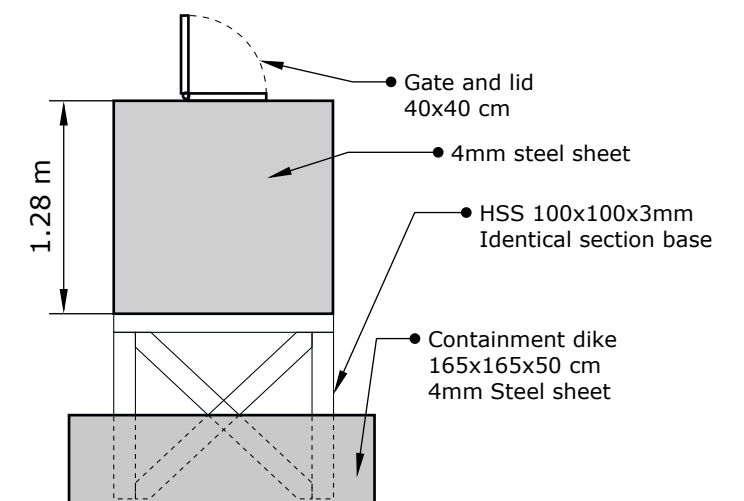
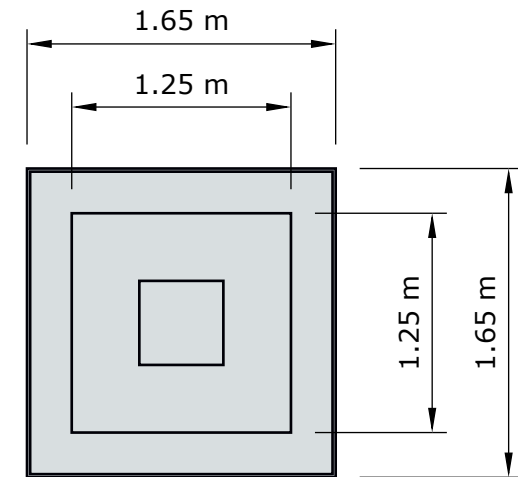
Design lead: Omar Ali Rafeek, Bashar Al-Atiyah

Approved by: Ibrahim A. Ahmed

Date: 4 FEB 2024



A17 WATER TANK DETAILS
NOT TO SCALE



A18 FUEL TANK DETAILS
NOT TO SCALE

BLUMONT INC.

Blueprint title: Water network Anx 2,4,5

Sheet number: 10

Sheet title: Pump house details #4

Design lead: Omar Ali Rafeek, Bashar Al-Atiyah

Approved by: Ibrahim A. Ahmed

Date: 4 FEB 2024