

GUYANA SHORE BASE INC.

**PROVISION OF GWI WATER SUPPLY &
DISTRIBUTION INFRASTRUCTURE,
GYSBI INDUSTRIAL ESTATE**

STRUCTURAL NOTES

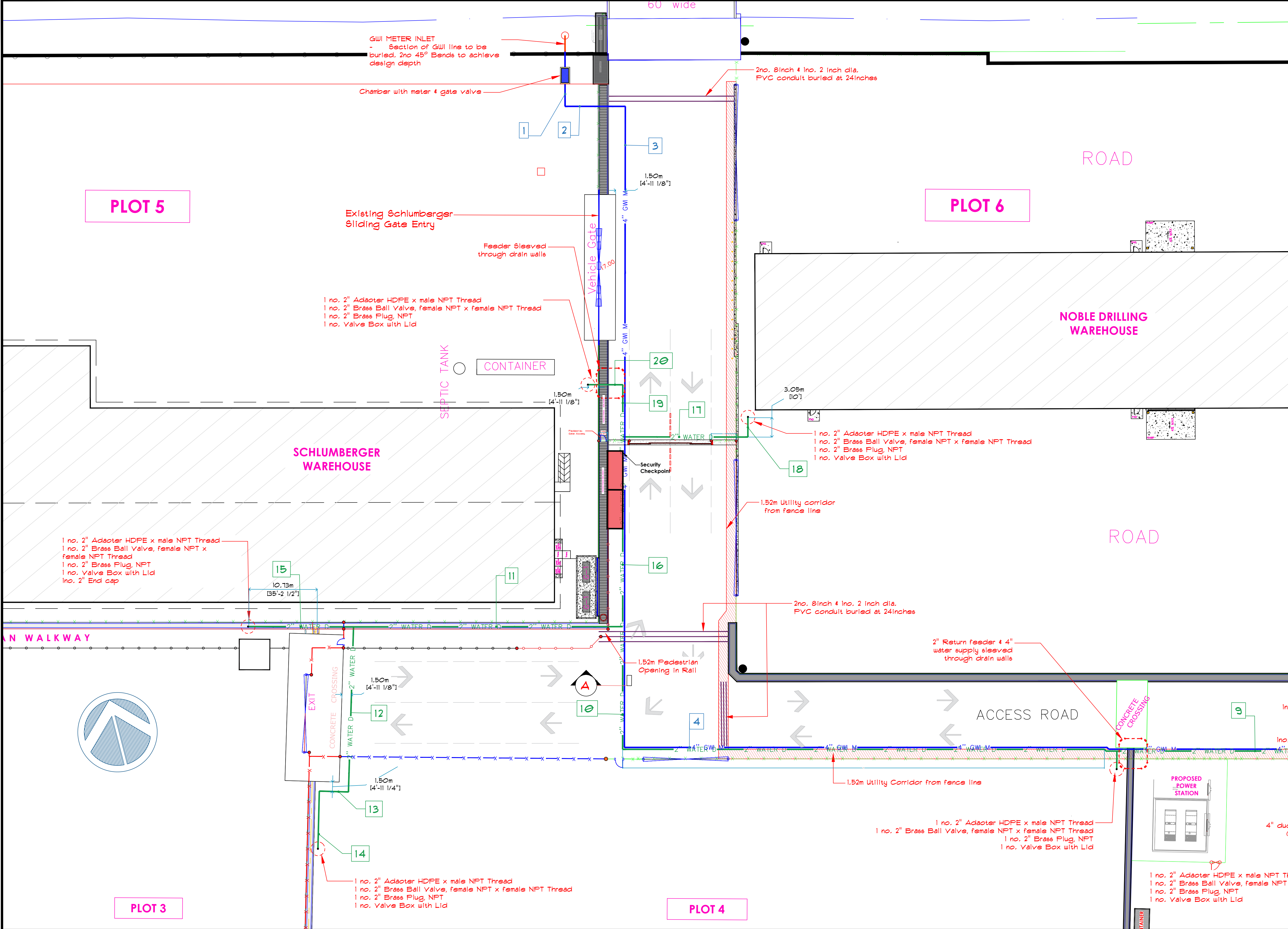
1. Minimum concrete compressive strength - 5,000 psi at 28 days.
1. All reinforcement shall conform to ASTM A615 - grade 60.
2. Minimum cover 3" on sides and 3" top and bottom.
3. 1"x1" chamfer to top edges of slab.
4. Rebar development length to conform to ACI 318-19.
5. Formwork finish to conform to ACI 347.3.R-CSC3.
6. All Steel connections for Pump Shed to be fillet welded (all around).
7. Concrete for inspection chambers to be made from 1:1.5:2 mix; w:c 0.5.

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No:	REVISION	DATE:	NOTES:	Project Location:	GIE Plot 3,4,5,6,7 & GIE Main Access Road	Scale:	Scaled to fit		Date: 2025.07.25
				Drawing Title:	TITLE PAGE	Surveyed by:			*****
						Drawing by:	A.Flatts		Drawing #:
						Checked by:	I.Baksh		A-00
						Approved by:		Exerpt. Date:	Page No:



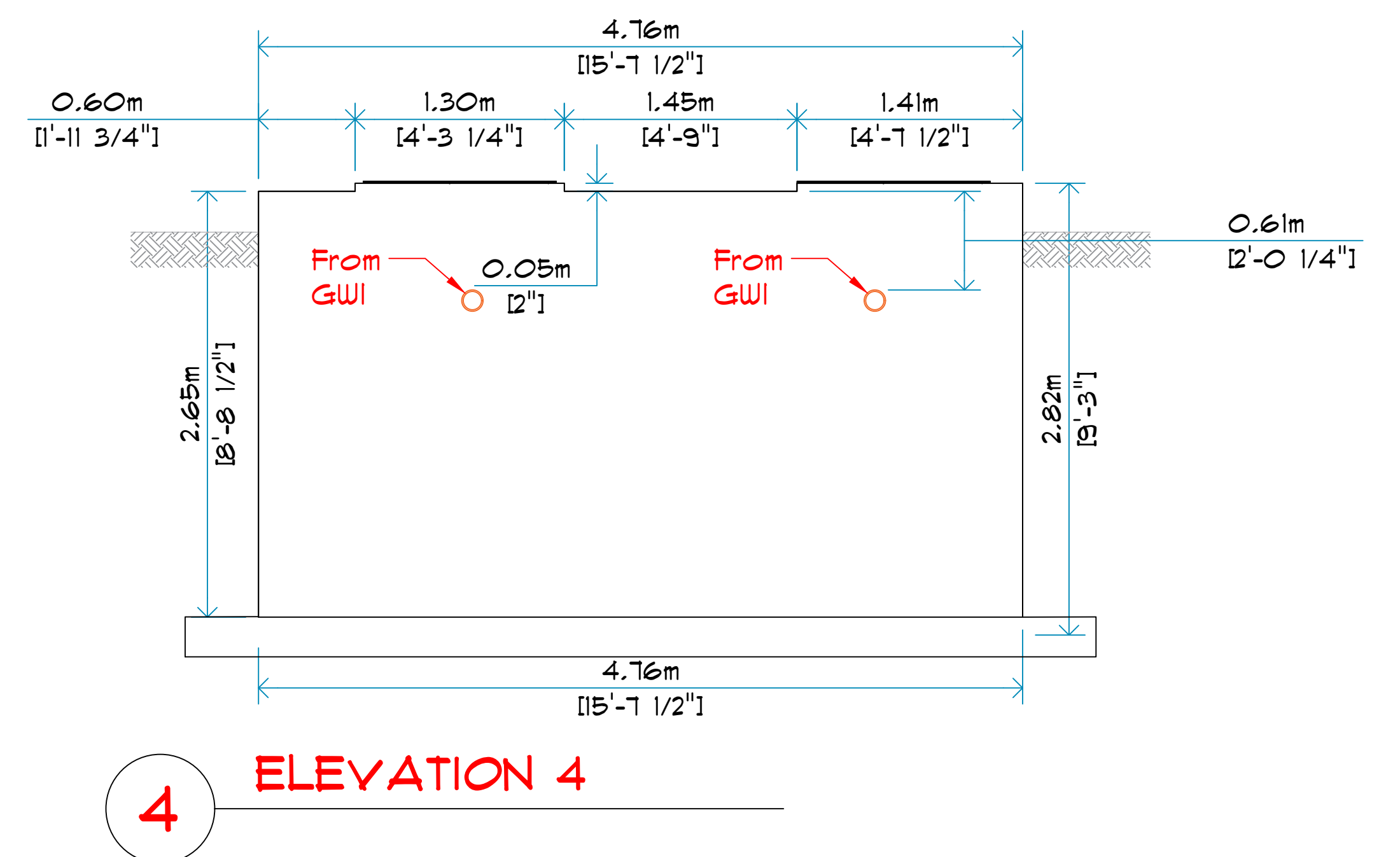
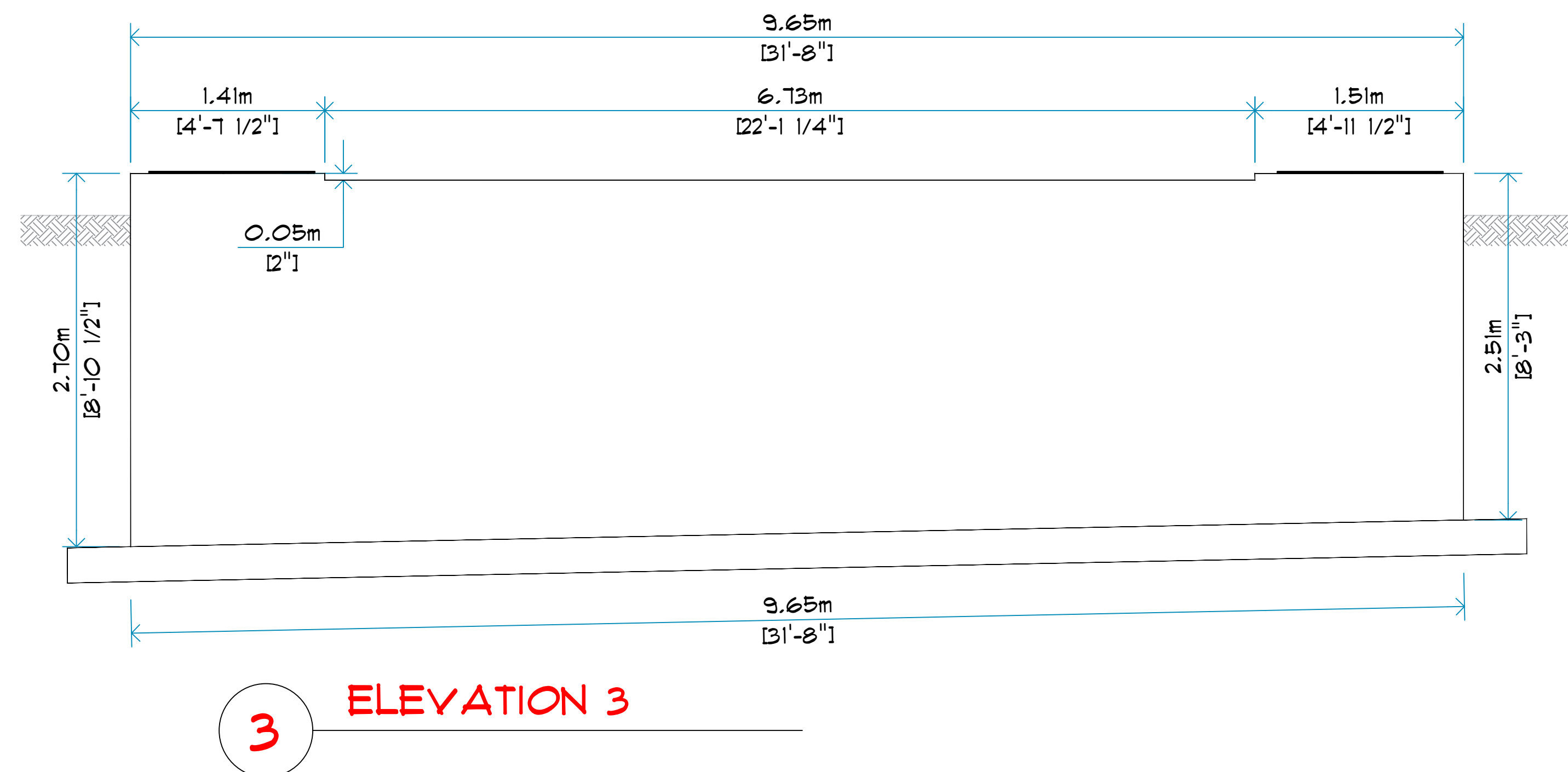
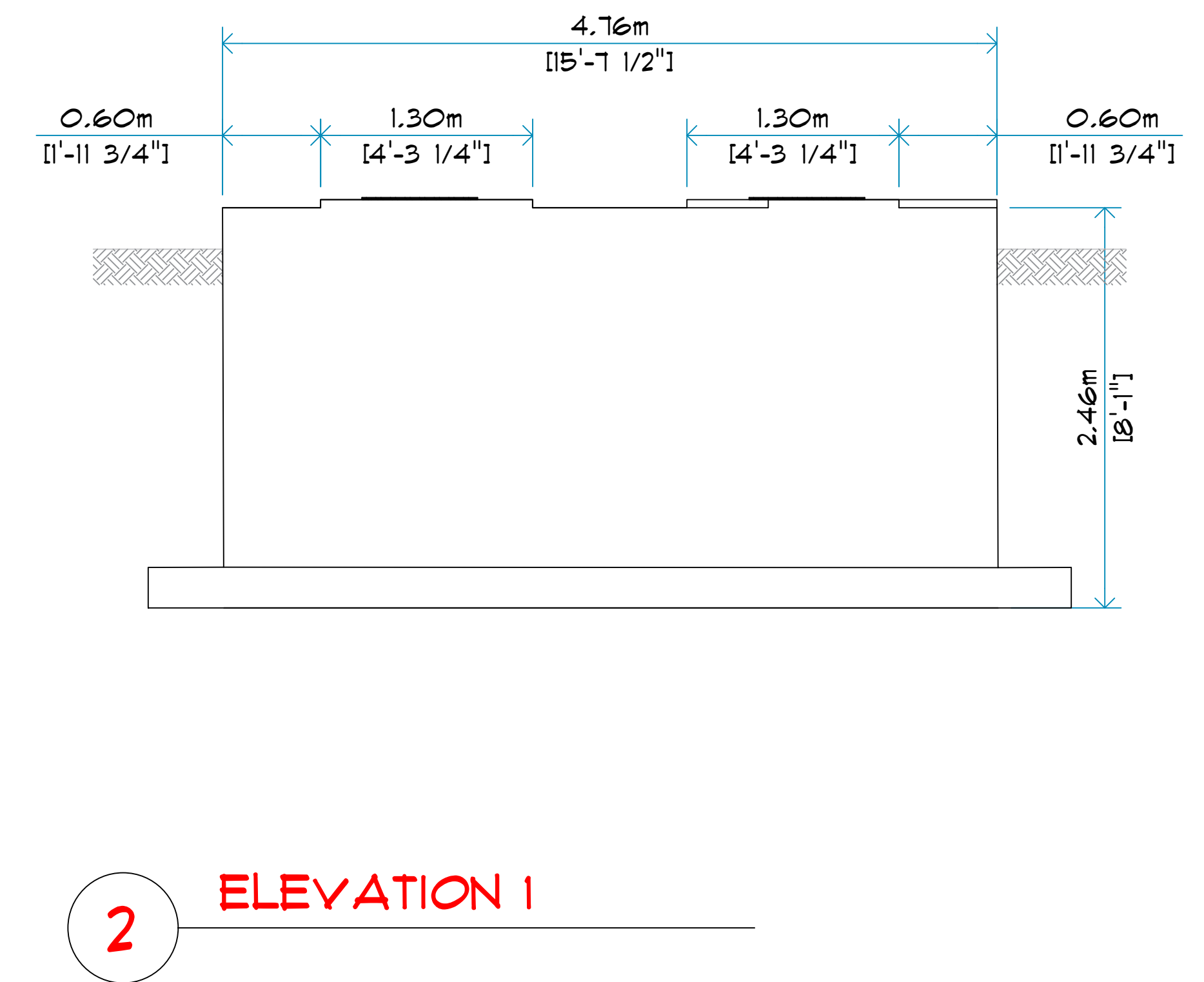
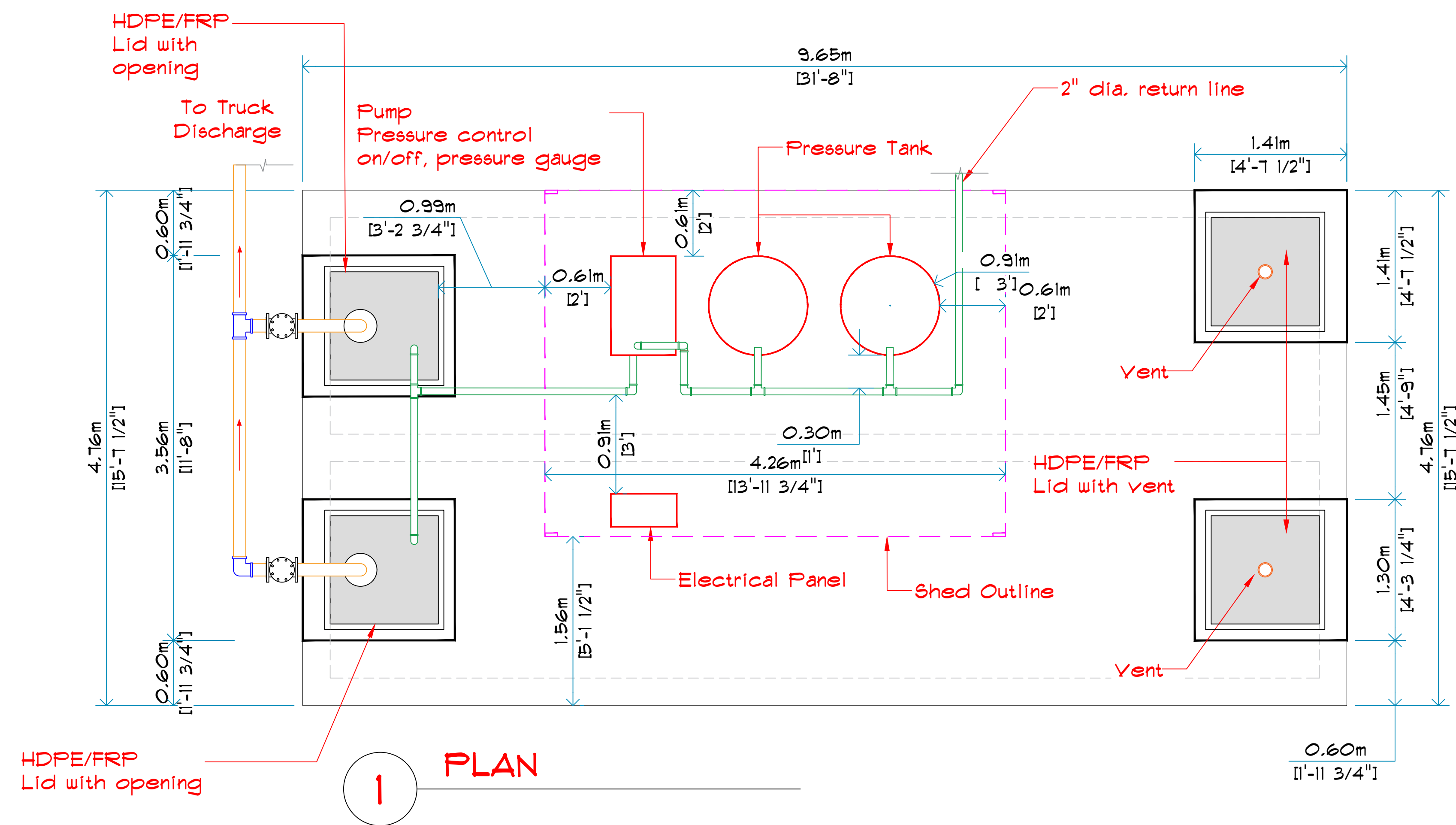
LINE LENGTHS		
No.	Length	
	Feet	Meters
4" dia. HDPE SDR11 Supply Line		
1	28.25	8.61
2	31.04	9.46
3	330.28	100.67
4	395.51	120.55
5	7.48	2.28
6	7.87	2.40
2" dia. HDPE SDR11 Return Water Feed		
7	28.87	8.80
8	3.28	1.00
9	402.36	122.64
10	63.22	19.27
11	142.26	43.36
12	81.50	24.84
13	11.38	3.47
14	32.81	10.00
15	50.26	15.32
16	97.77	29.80
17	64.44	19.64
18	10.00	3.05
19	26.84	8.18
20	17.59	5.36
TOTAL	1833.00	558.70
Ductile Iron	77.62	23.66

No:	REVISION	DATE:

Project Title:	Provision of GWSBI Water Supply & Distribution Infrastructure, GYSBI Industrial Estate
NOTES:	

Project Location:	GIE Plot 3,4,5,6,7 & GIE Main Access Road
Drawing Title:	SITE LAYOUT

Scale:	Scaled to fit	Date:	2025.07.25
Surveyed by:			*****
Drawing by:	A.Flatts	Drawing #:	C-101
Checked by:	I.Baksh		
Approved by:		Exerpt. Date:	Page No: 2

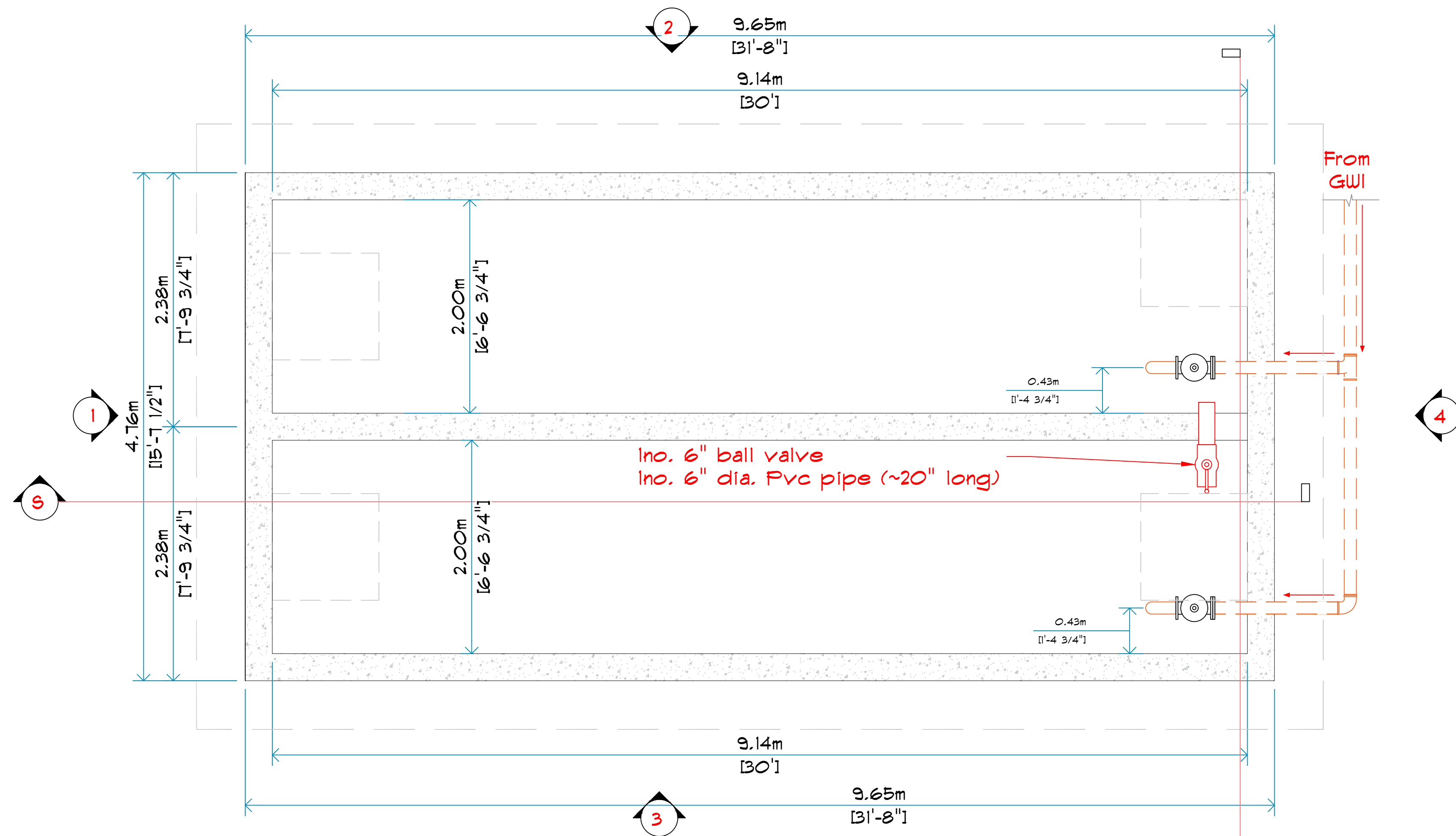


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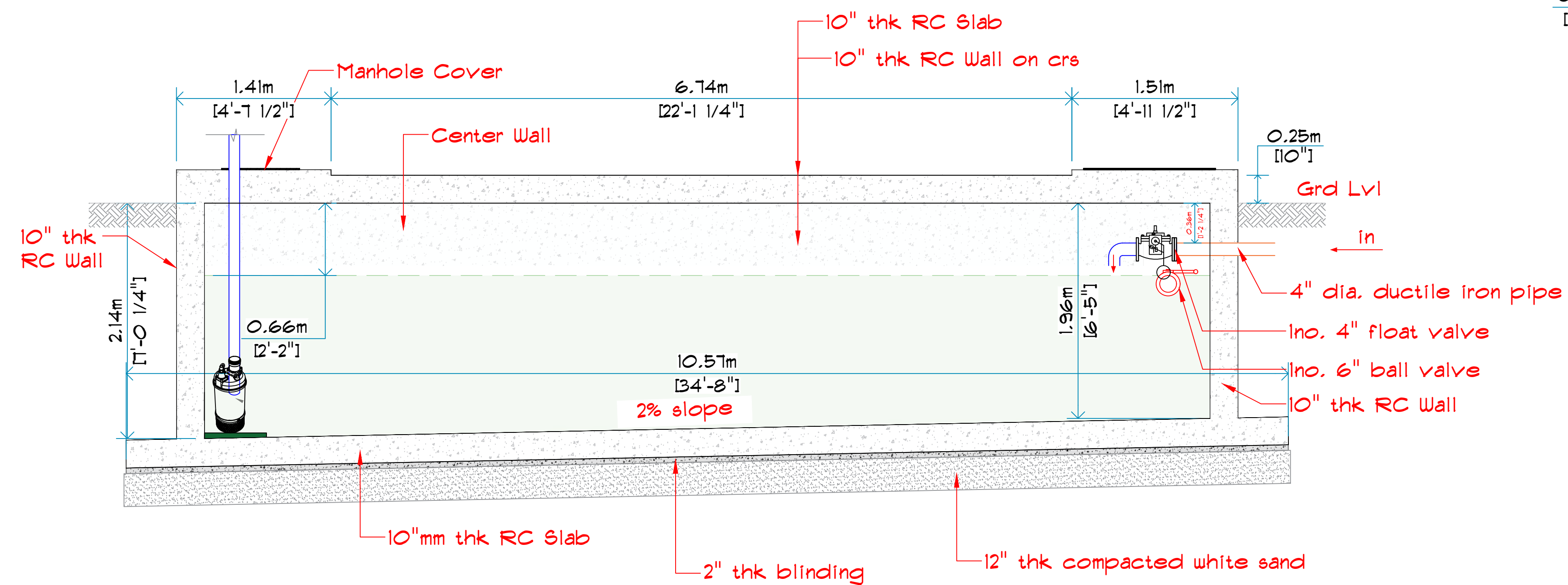


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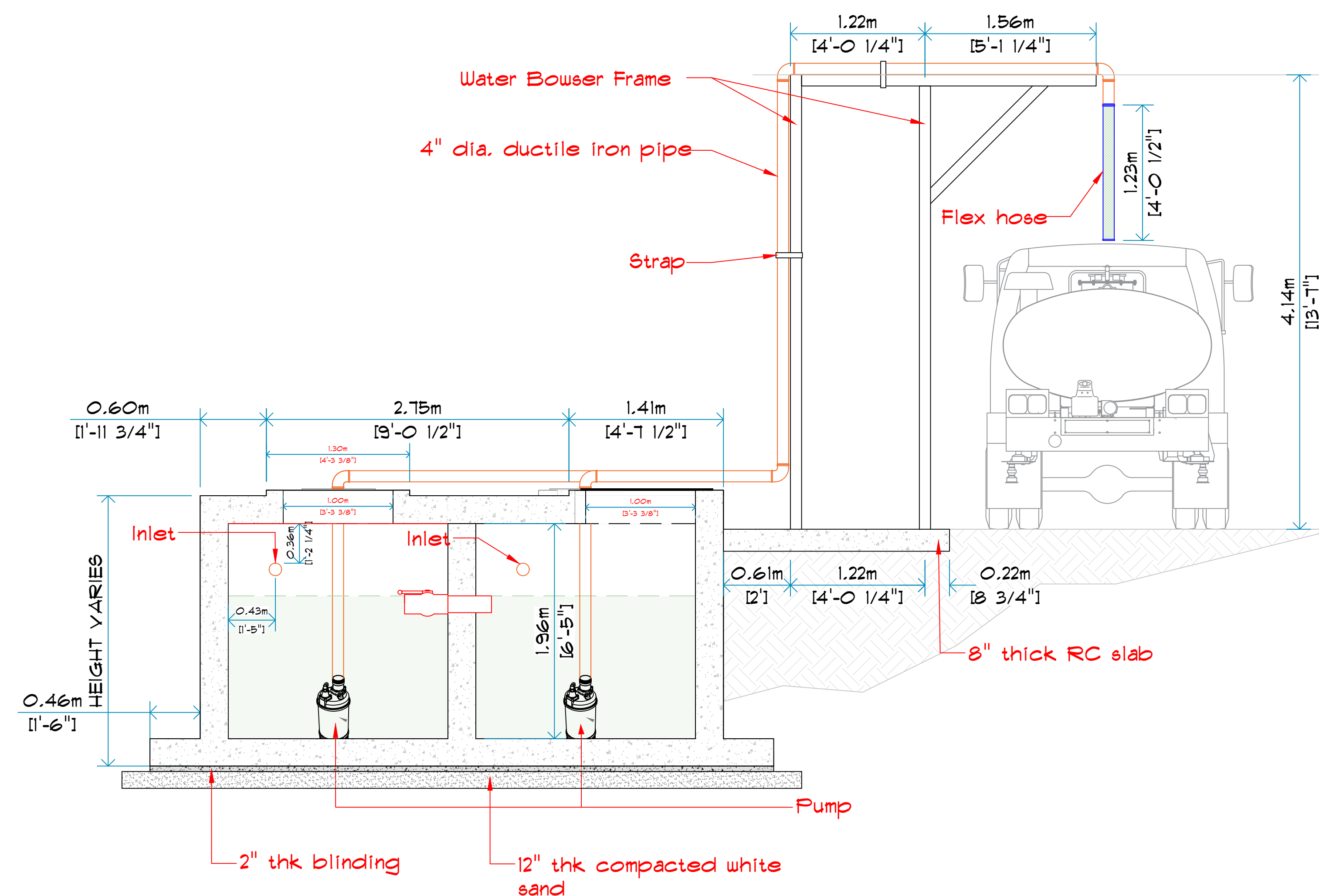
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Project Location:	GIE Plot 3,4,5,6,7 & GIE Main Access Road	Surveyed by:			*****
Drawing Title:	RESERVOIR DESIGN PLANS & ELEVATIONS	Drawing by:	A.Flatts	Drawing #:	A-101
		Checked by:	I.Baksh	Exerpt. Date:	
		Approved by:		Page No:	3



5 PLAN SECTION



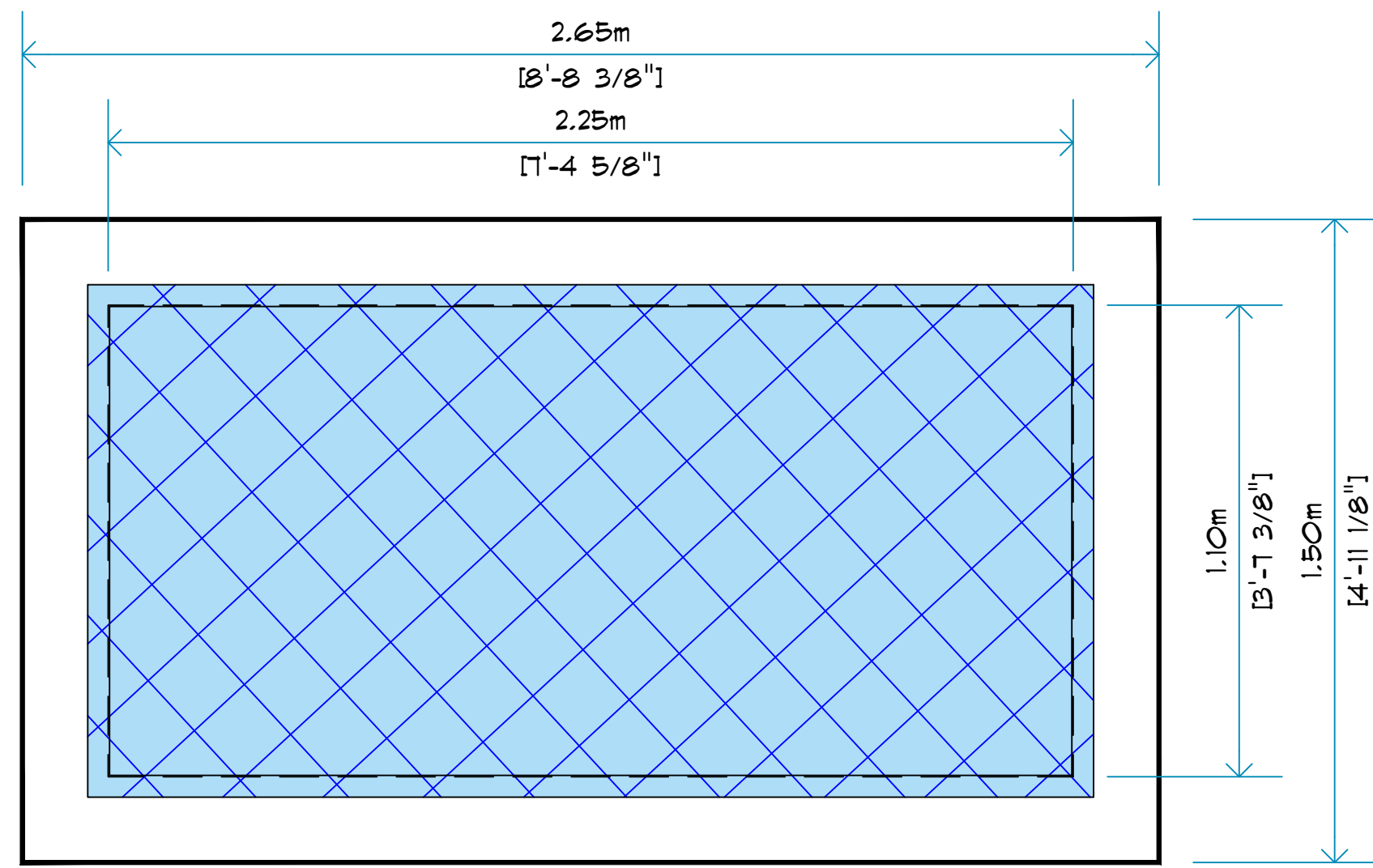
6 SECTION B



7 SECTION A - TYPICAL

No:	REVISION	DATE:

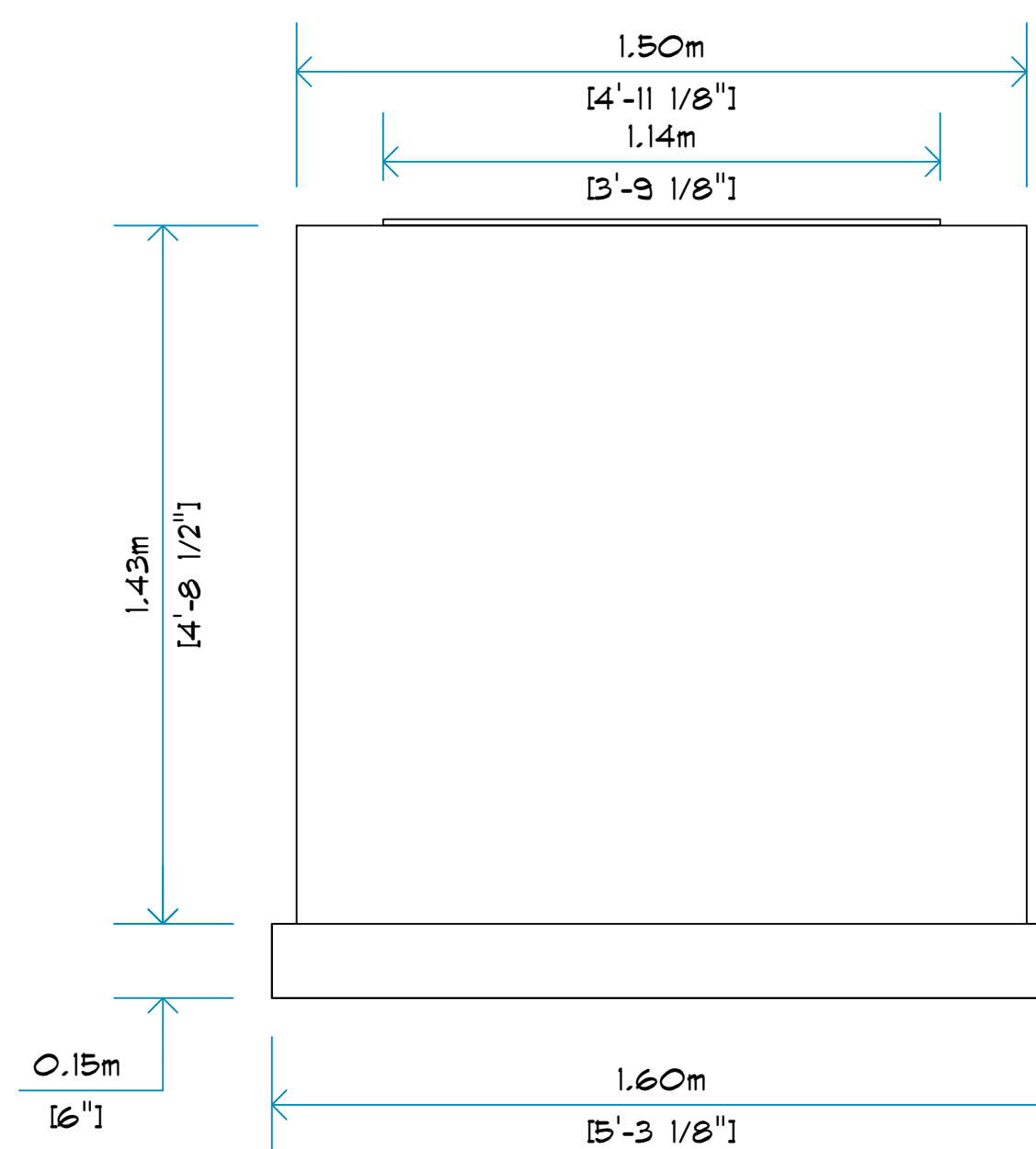
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Project Location:	GIE Plot 3,4,5,6,7 & GIE Main Access Road		Surveyed by:		*****	
Drawing Title:	RESERVOIR DESIGN SECTIONS		Drawing by:	A.Flatts	Drawing #:	
			Checked by:	I.Baksh	A-301	
			Approved by:		Exerpt. Date:	Page No:
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1

PLAN VIEW

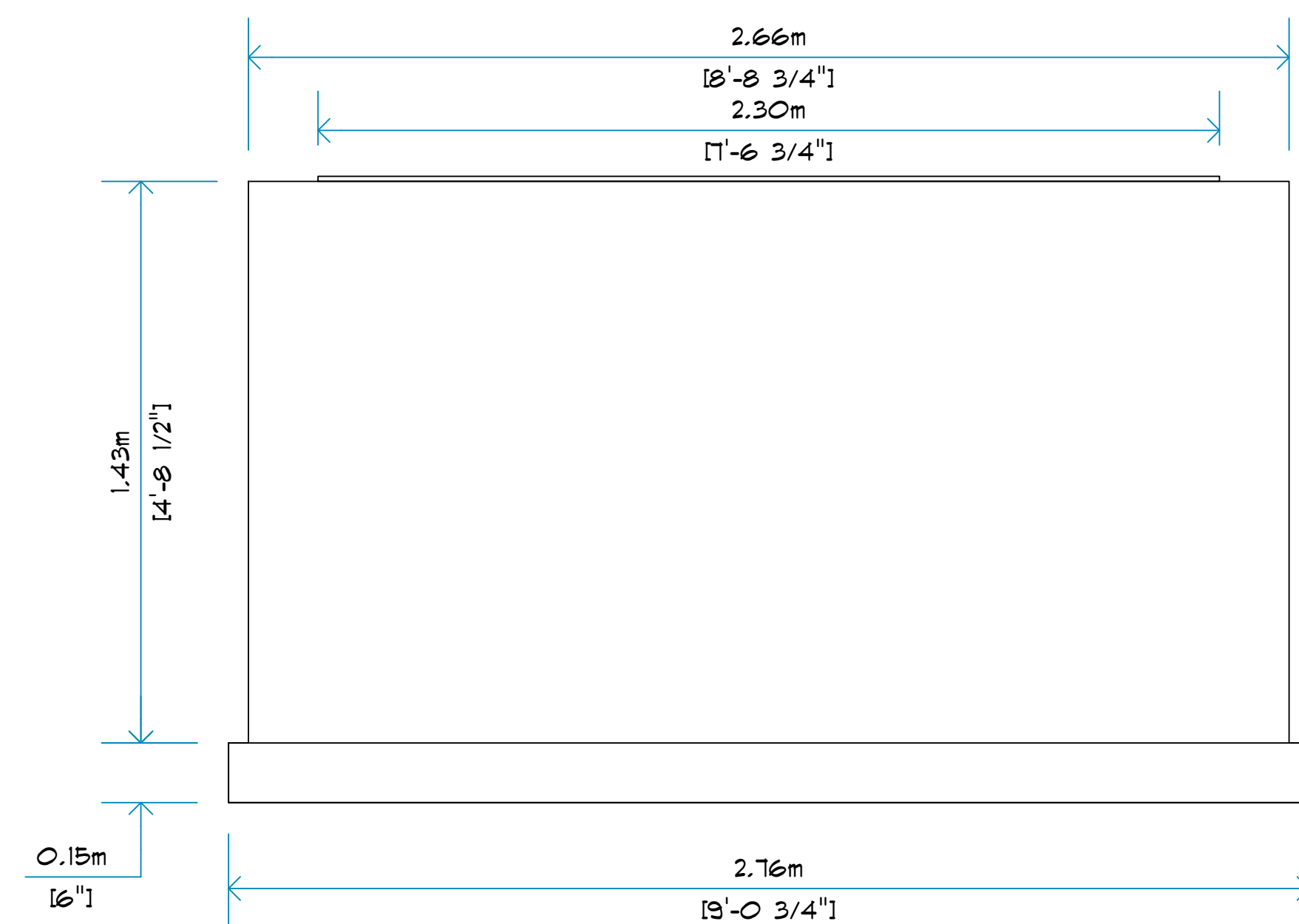
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2

END VIEW

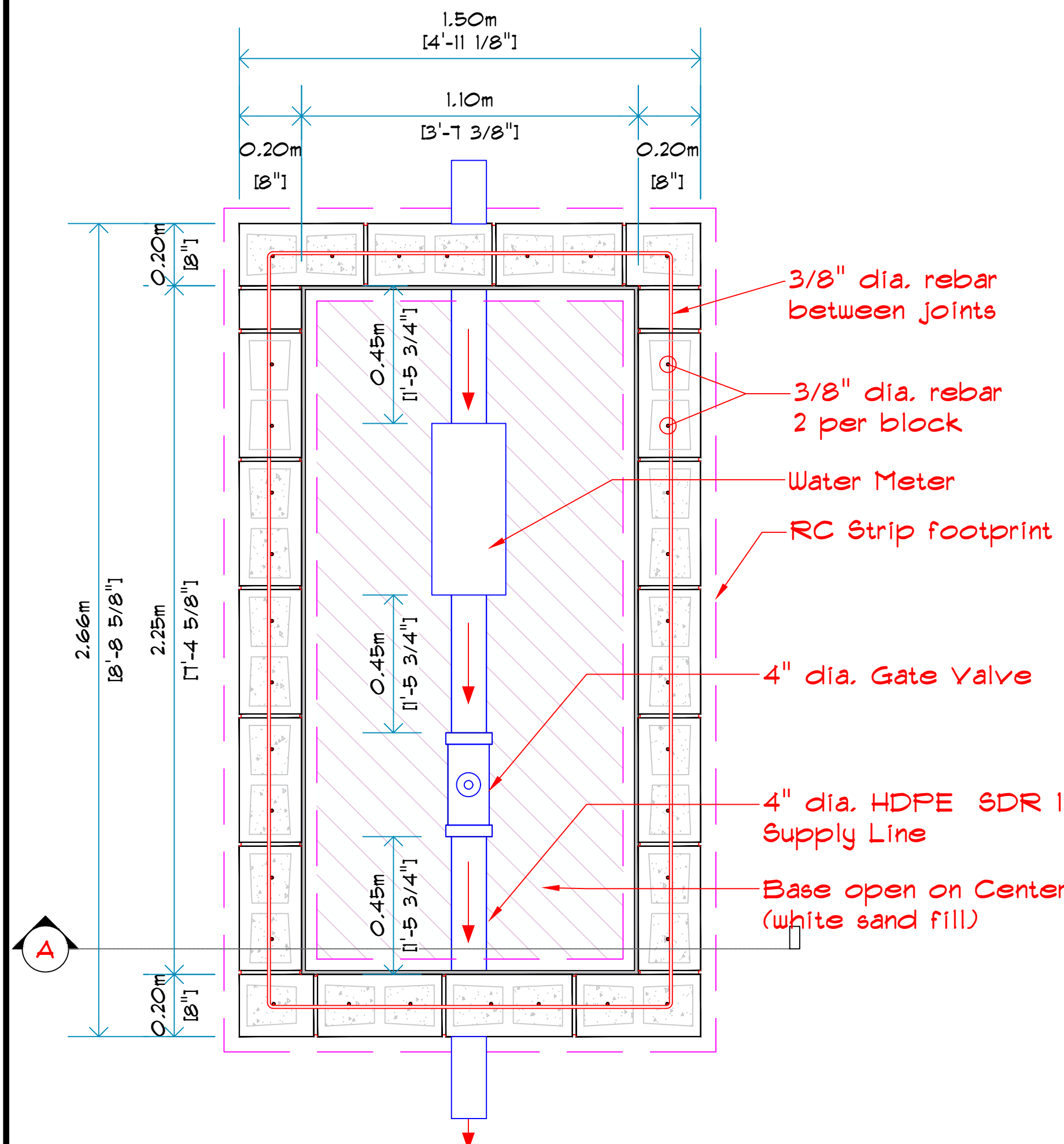
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3

SIDE VIEW

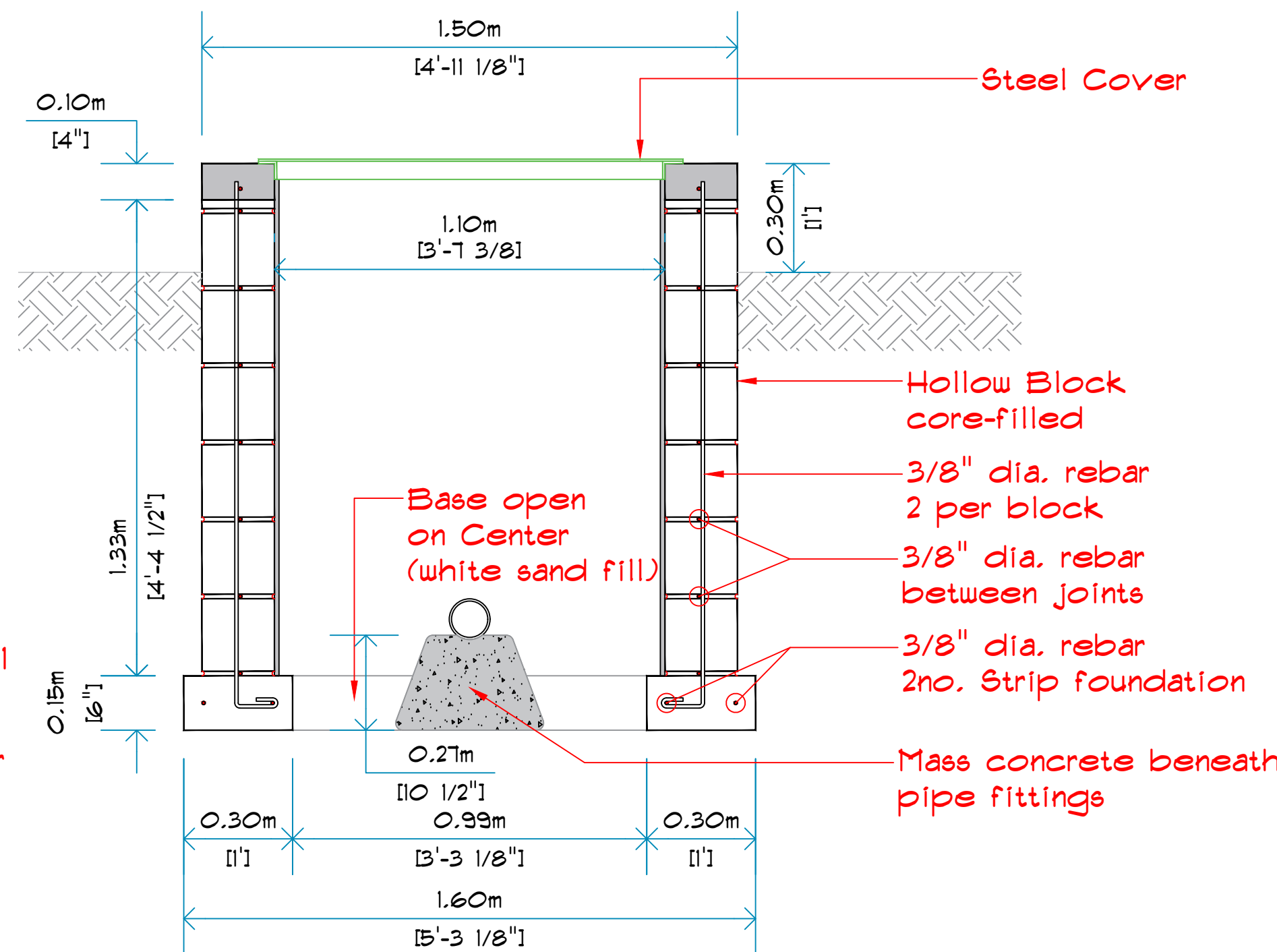
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4

PLAN SECTION

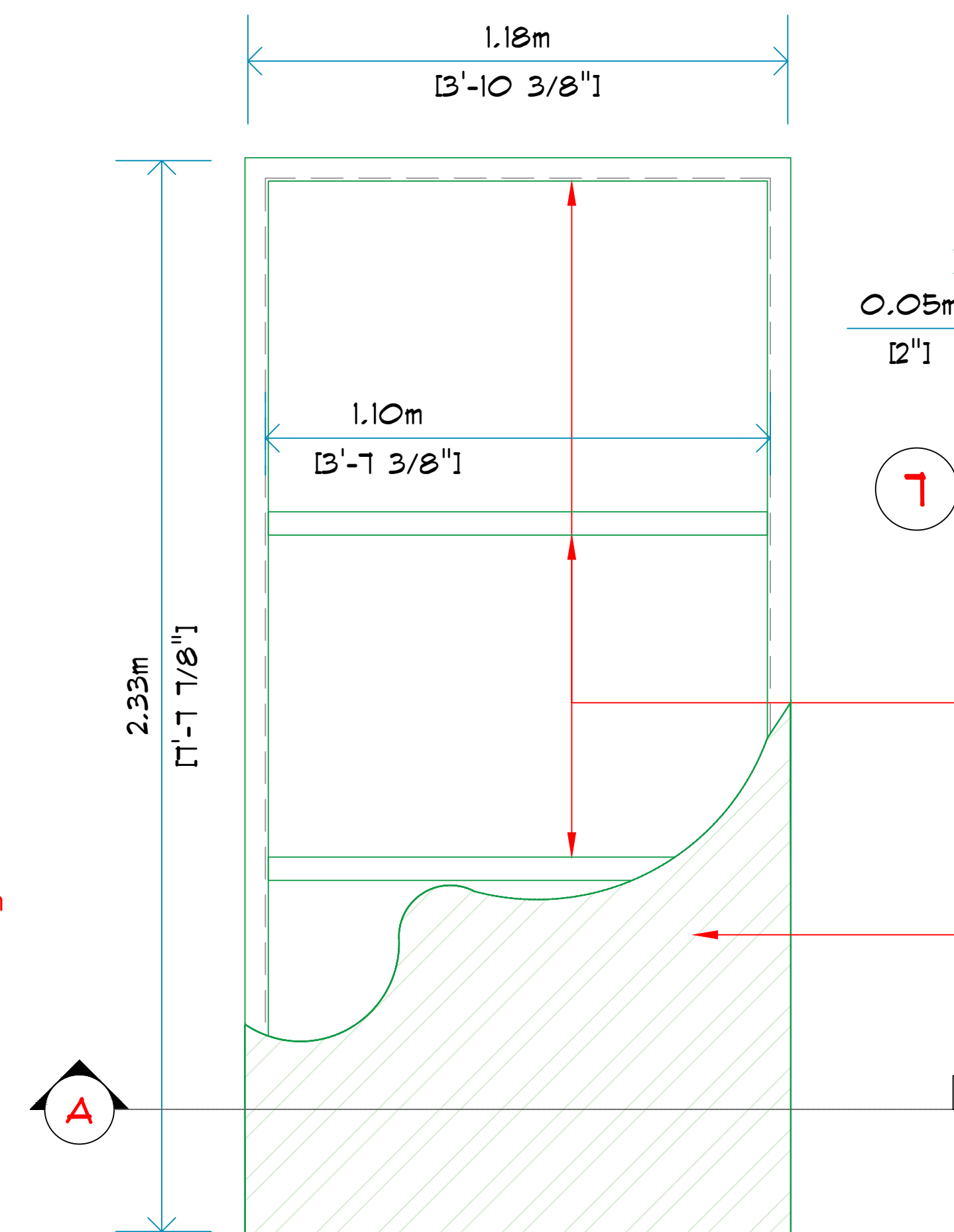
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5

SECTION A

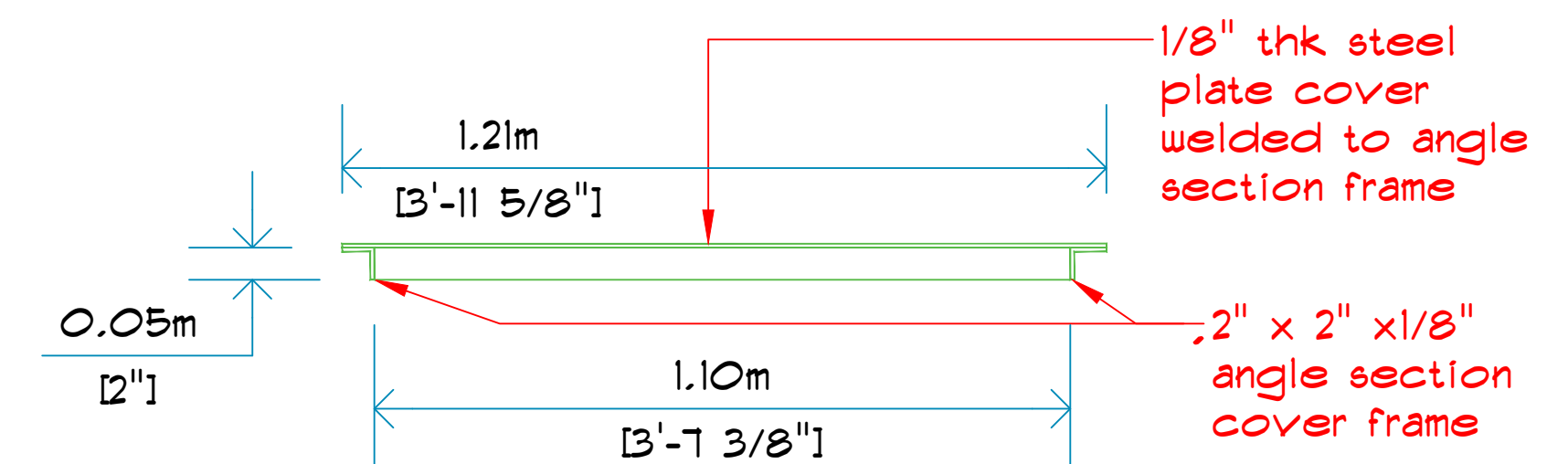
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6

COVER FRAME

Scale: NTS



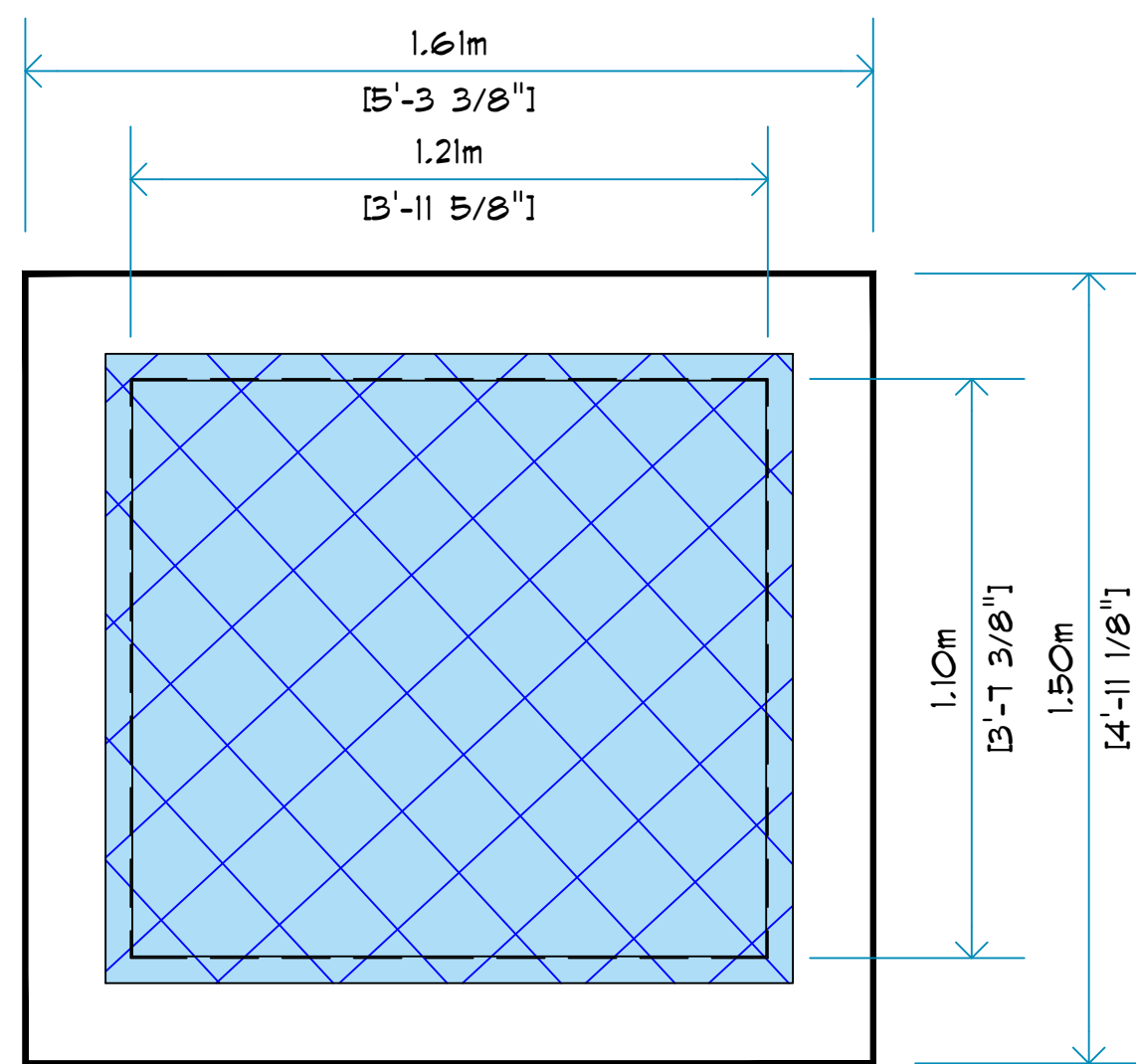
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SECTION B

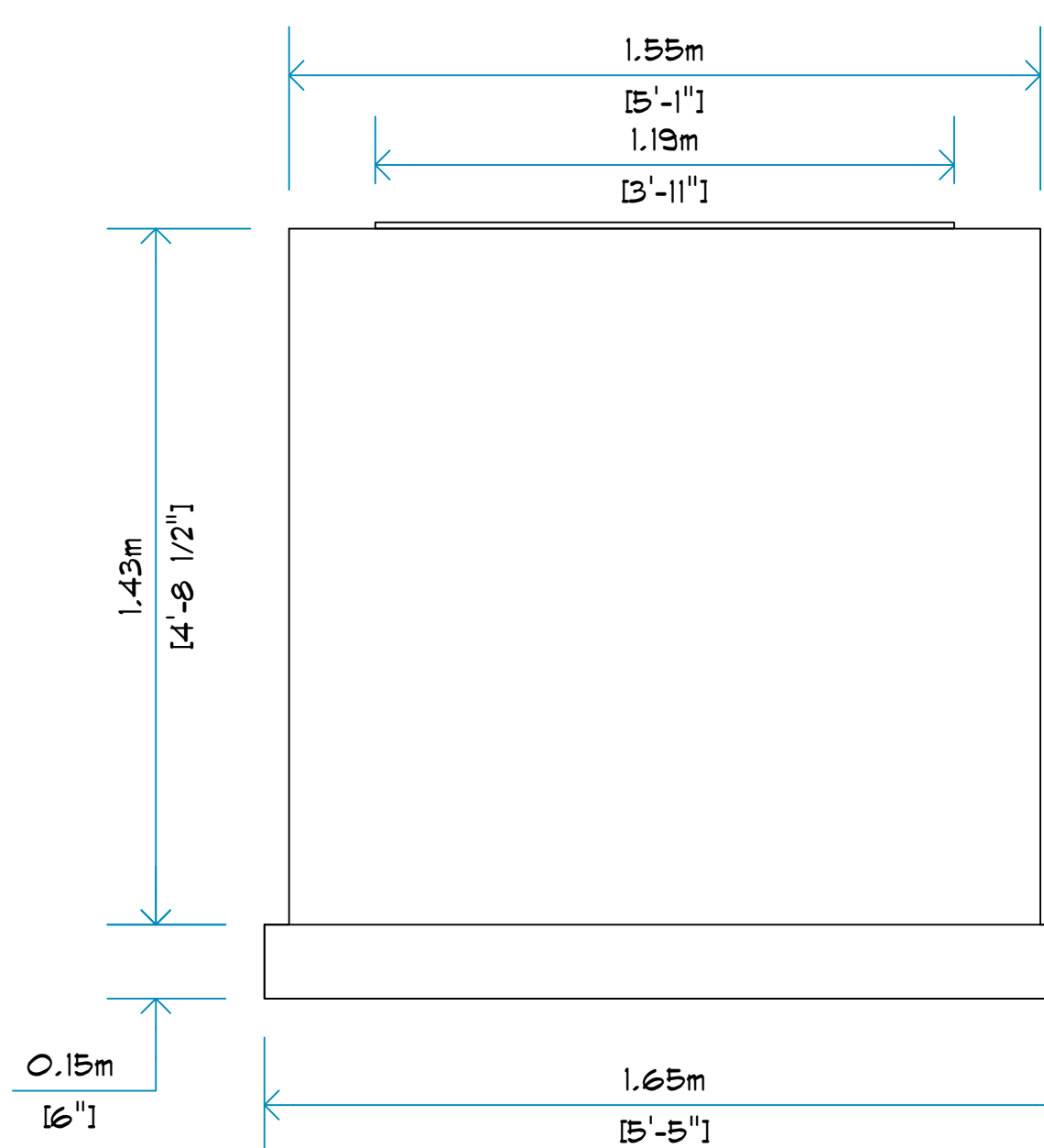
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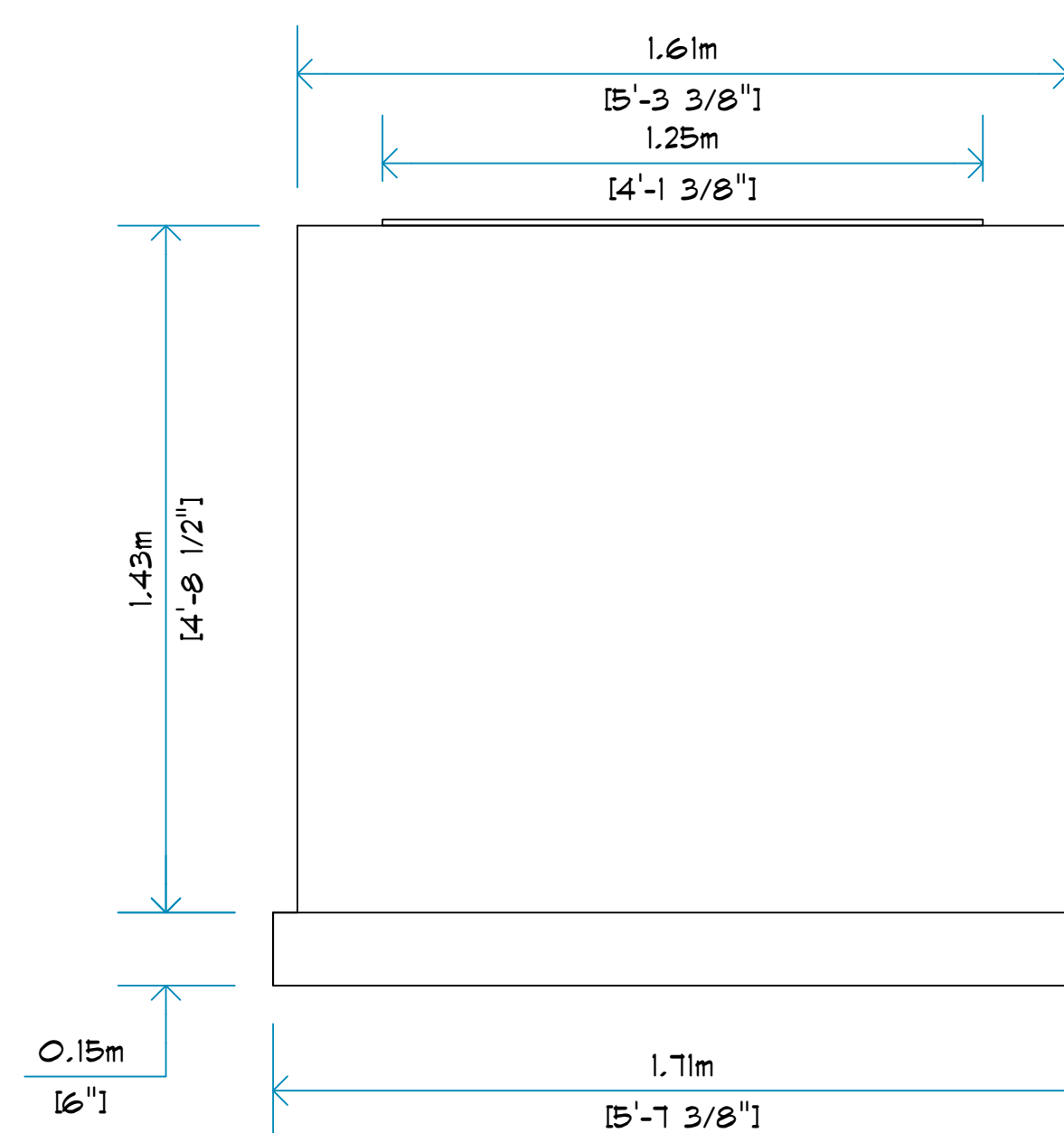
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Project Location:	GIE Plot 3,4,5,6,7 & GIE Main Access Road		Surveyed by:		*****	
Drawing Title:	INSPECTION CHAMBER/DETAILS WITH GATE VALVE		Drawing by:	A.Flatts	Drawing #:	
			Checked by:	I.Baksh	S-102	
			Approved by:		Exerpt. Date:	Page No:
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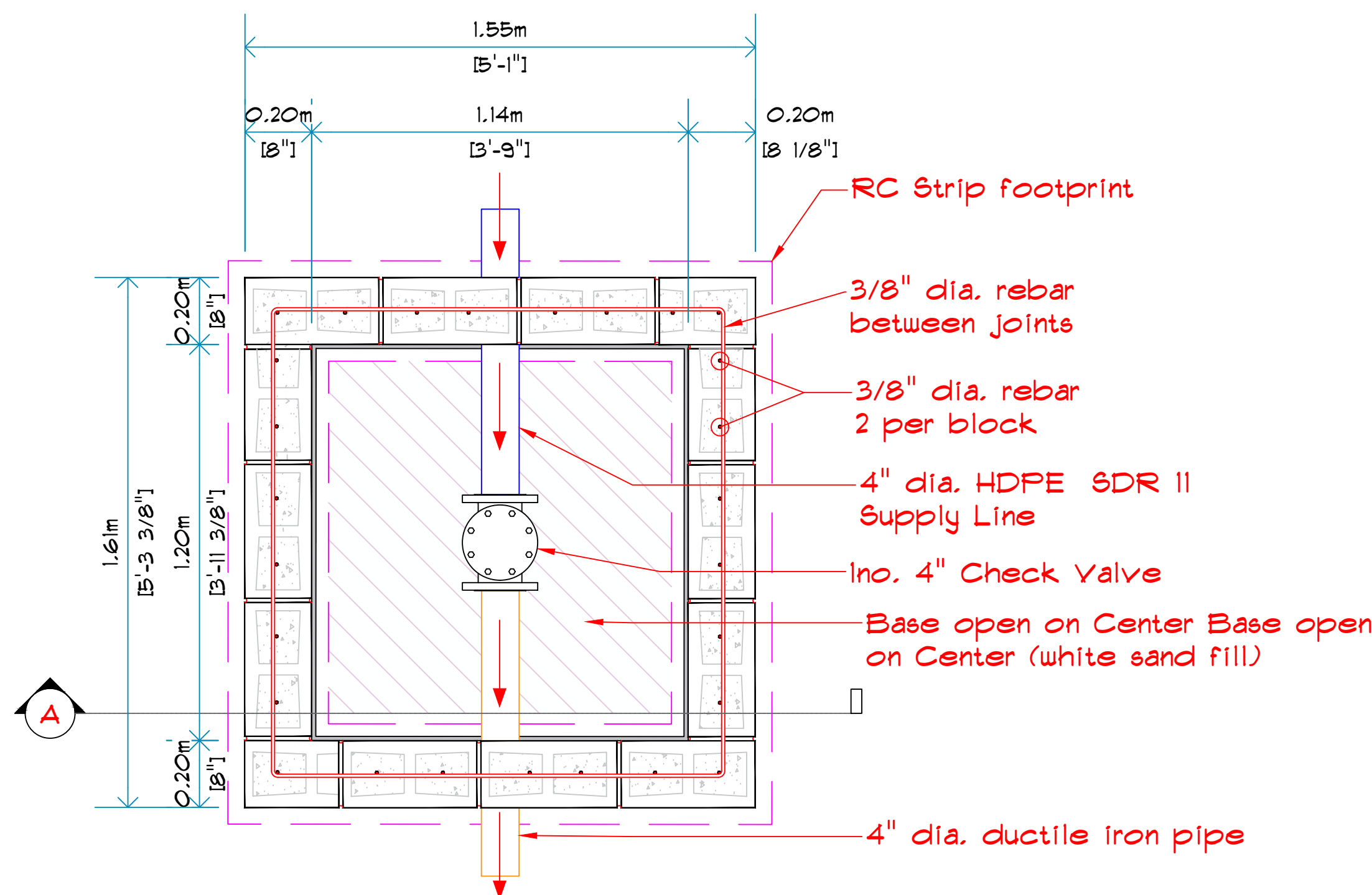
1 PLAN VIEW
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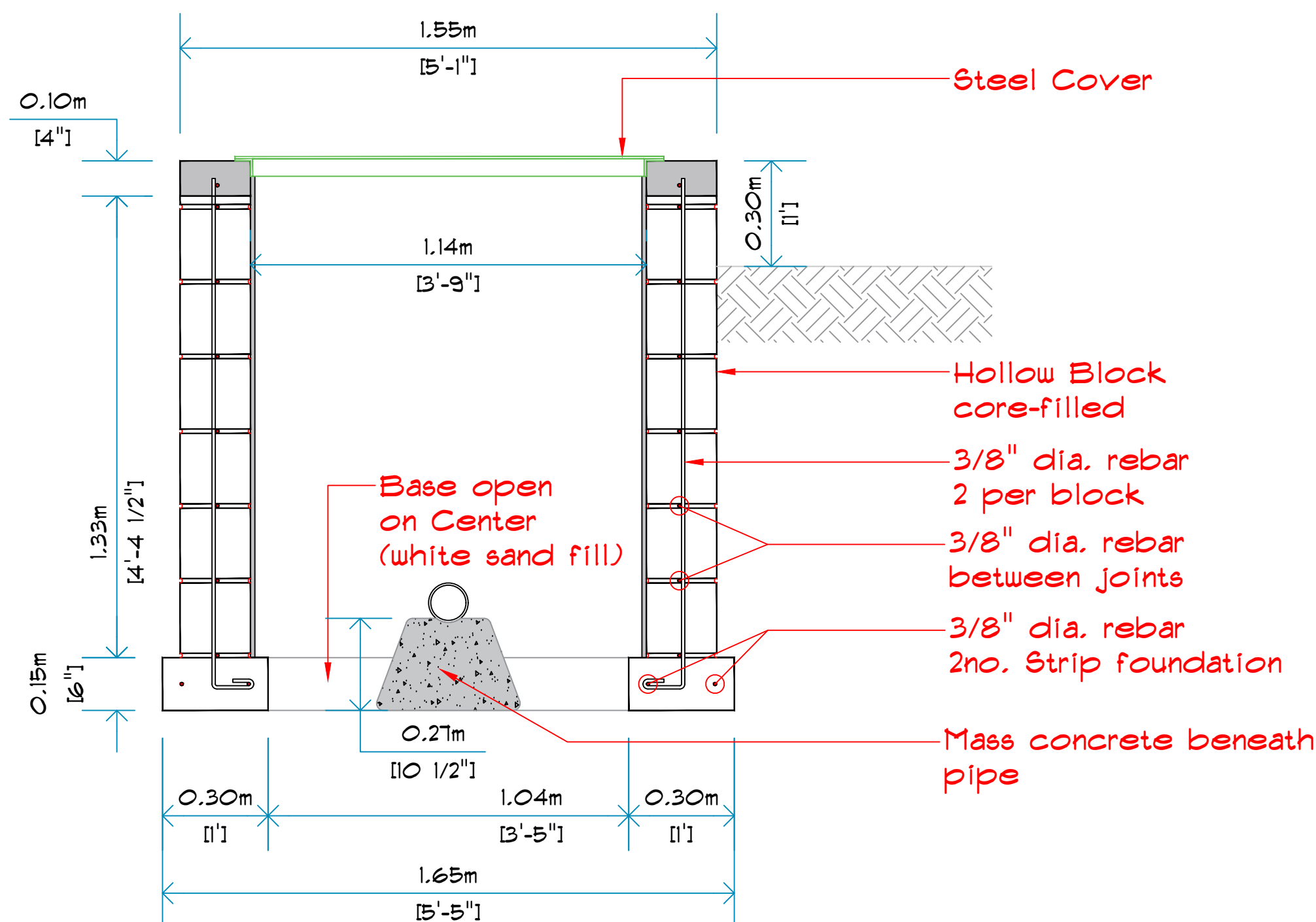
2 END VIEW
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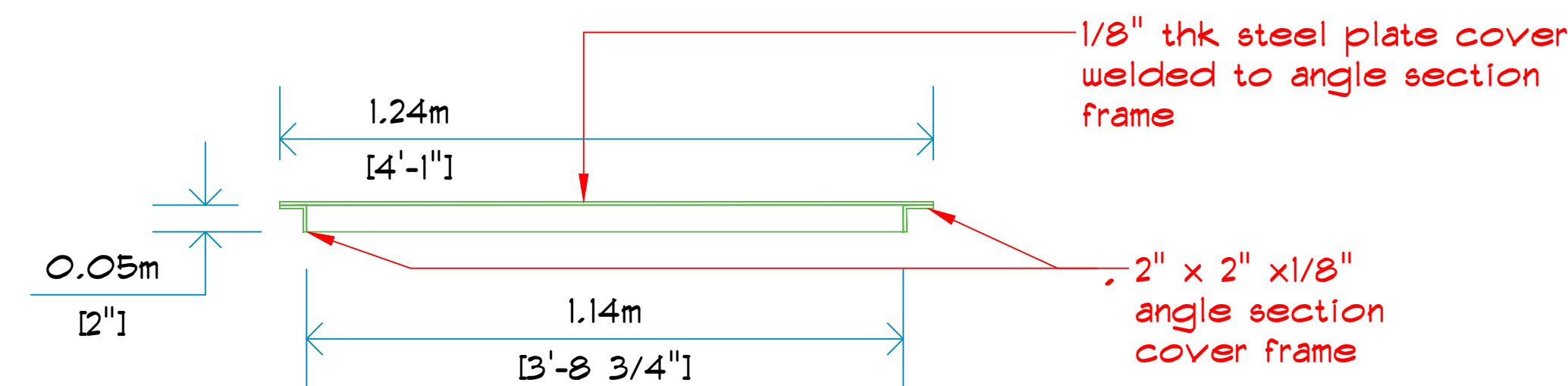
3 SIDE VIEW
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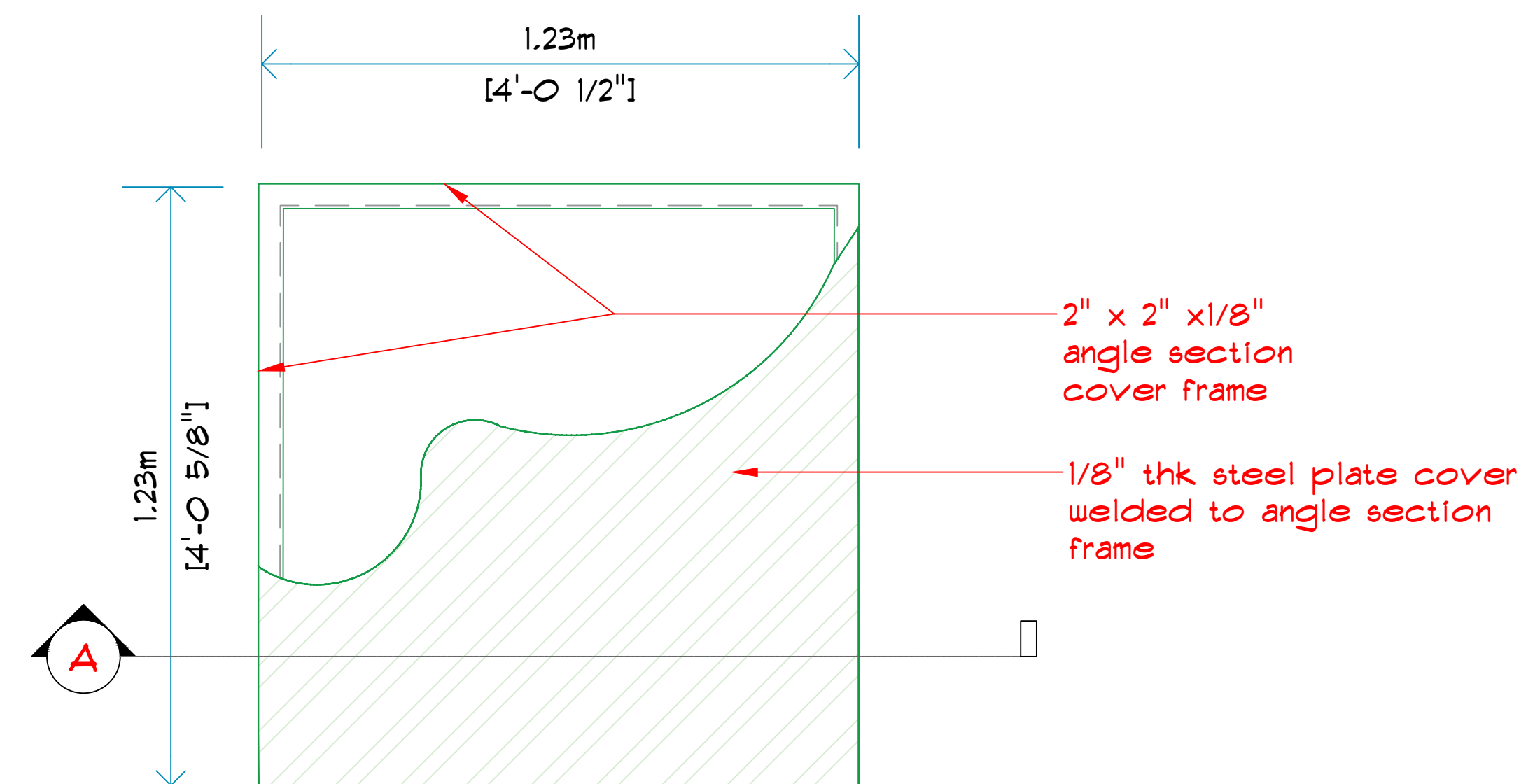
4 PLAN SECTION
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5 SECTION A
Scale: NTS



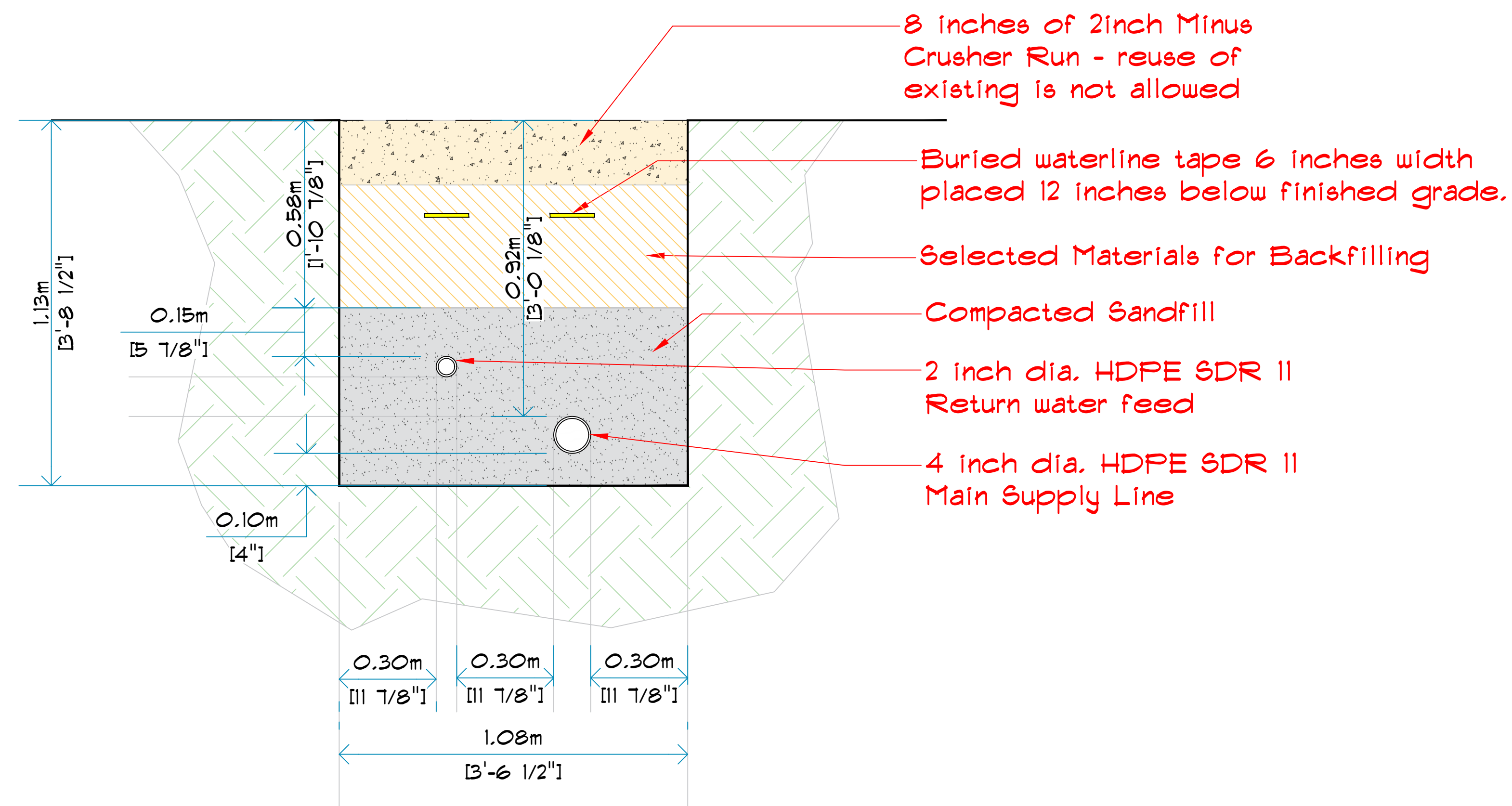
6 SECTION B
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7 COVER FRAME
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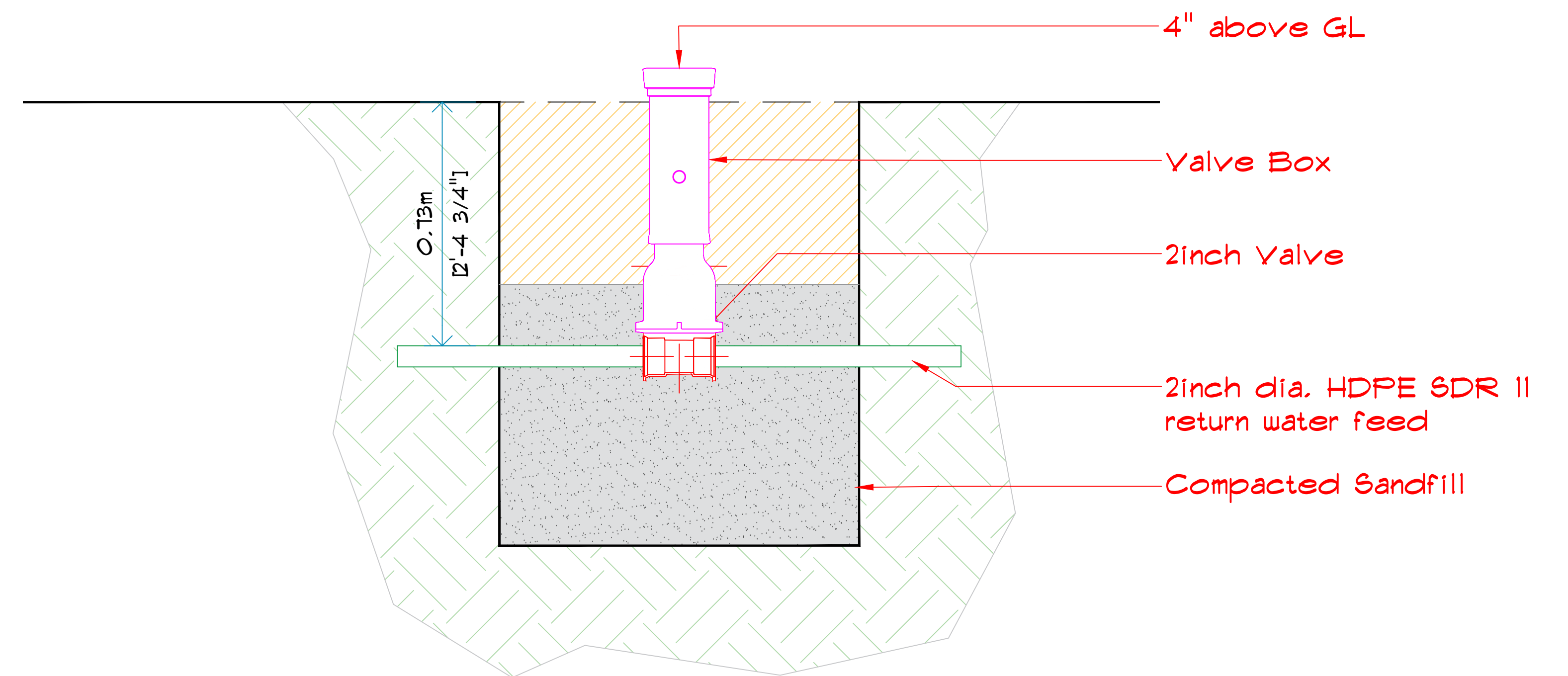
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Project Location: GIE Plot 3,4,5,6,7 & GIE Main Access Road	Drawing Title: INSPECTION CHAMBER/DETAILS WITH CHECK VALVE		Surveyed by: *****
	Drawing Title: INSPECTION CHAMBER/DETAILS WITH CHECK VALVE	Drawing by: A.Flatts	Drawing #: S-103
		Checked by: I.Baksh	Exerpt. Date: Page No: 7
	Approved by: Exerpt. Date: Page No: 7		



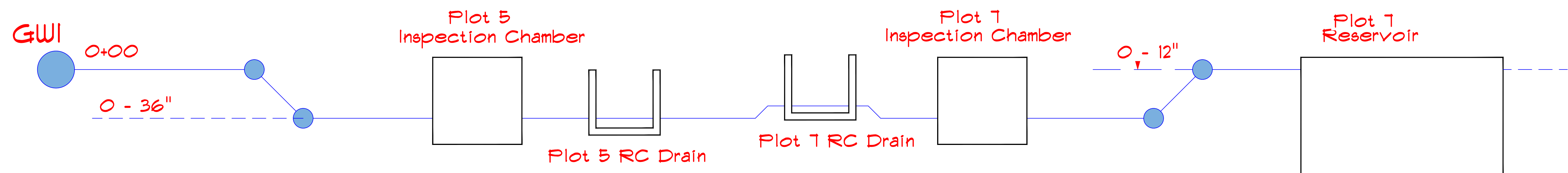
1 PIPE COVER DETAIL

Scale: NTS



2 VALVE & VALVE BOX

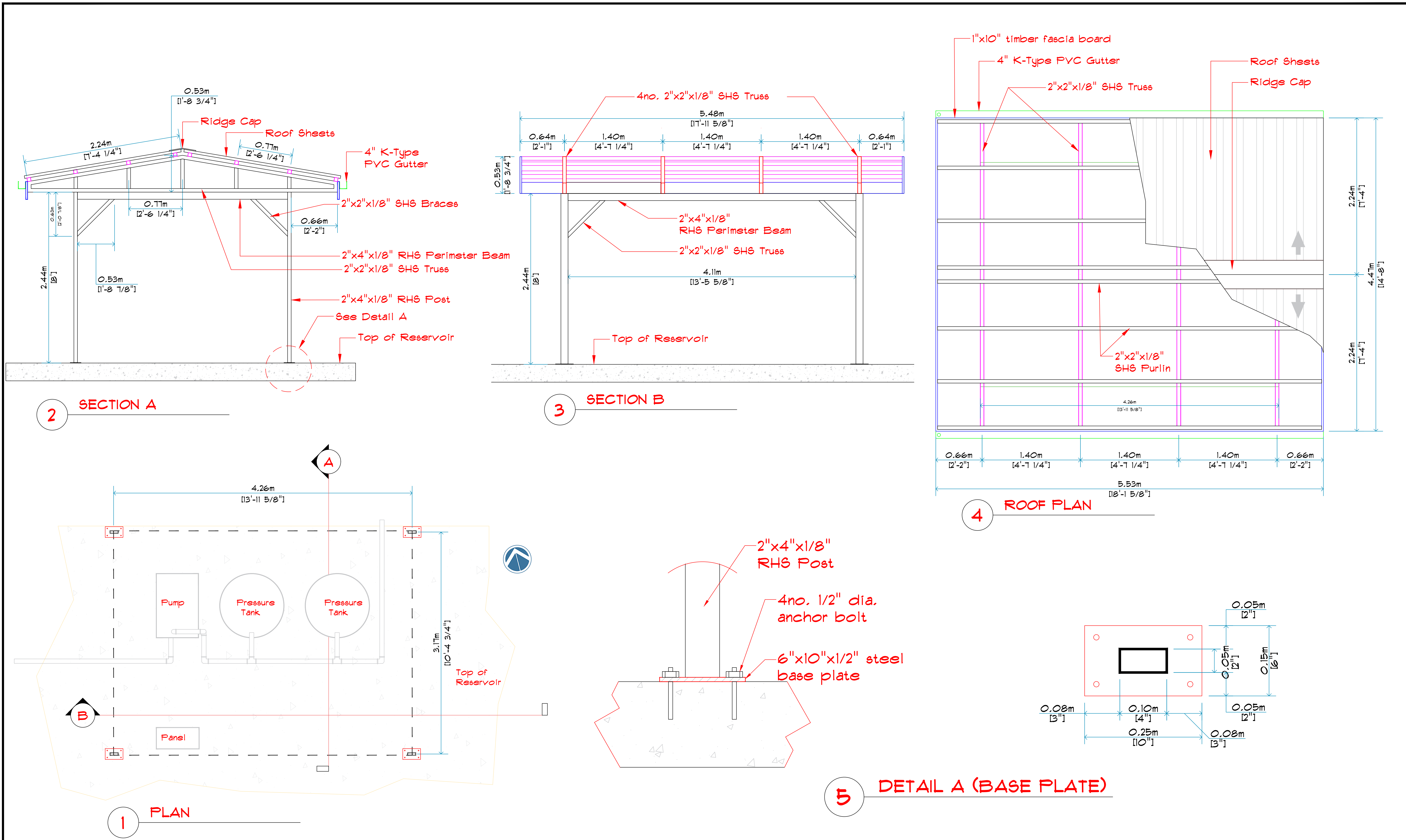
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1 4" DIA WATER SUPPLY PROFILE

No:	REVISION	DATE:

Project Title: Provision of GWI Water Supply & Distribution Infrastructure, GYSBI Industrial Estate		Scale: Scaled to fit	Date: 2025.07.25
NOTES:		Surveyed by:	*****
		Drawing by: A.Flatts	Drawing #: S-104
		Checked by: I.Baksh	Page No: 8
		Approved by:	
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Drawing Title: PIPE COVER DETAILS 4" WATER SUPPLY PROFILE			



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				Project Location: GIE Plot 3,4,5,6,7 & GIE Main Access Road		Surveyed by:	*****
				Drawing Title: PUMP SHED DESIGN		Drawing by: A.Flatts	Drawing #: S-105
						Checked by: I.Baksh	
						Approved by:	Exerpt. Date: Page No: 9
NOTES:							