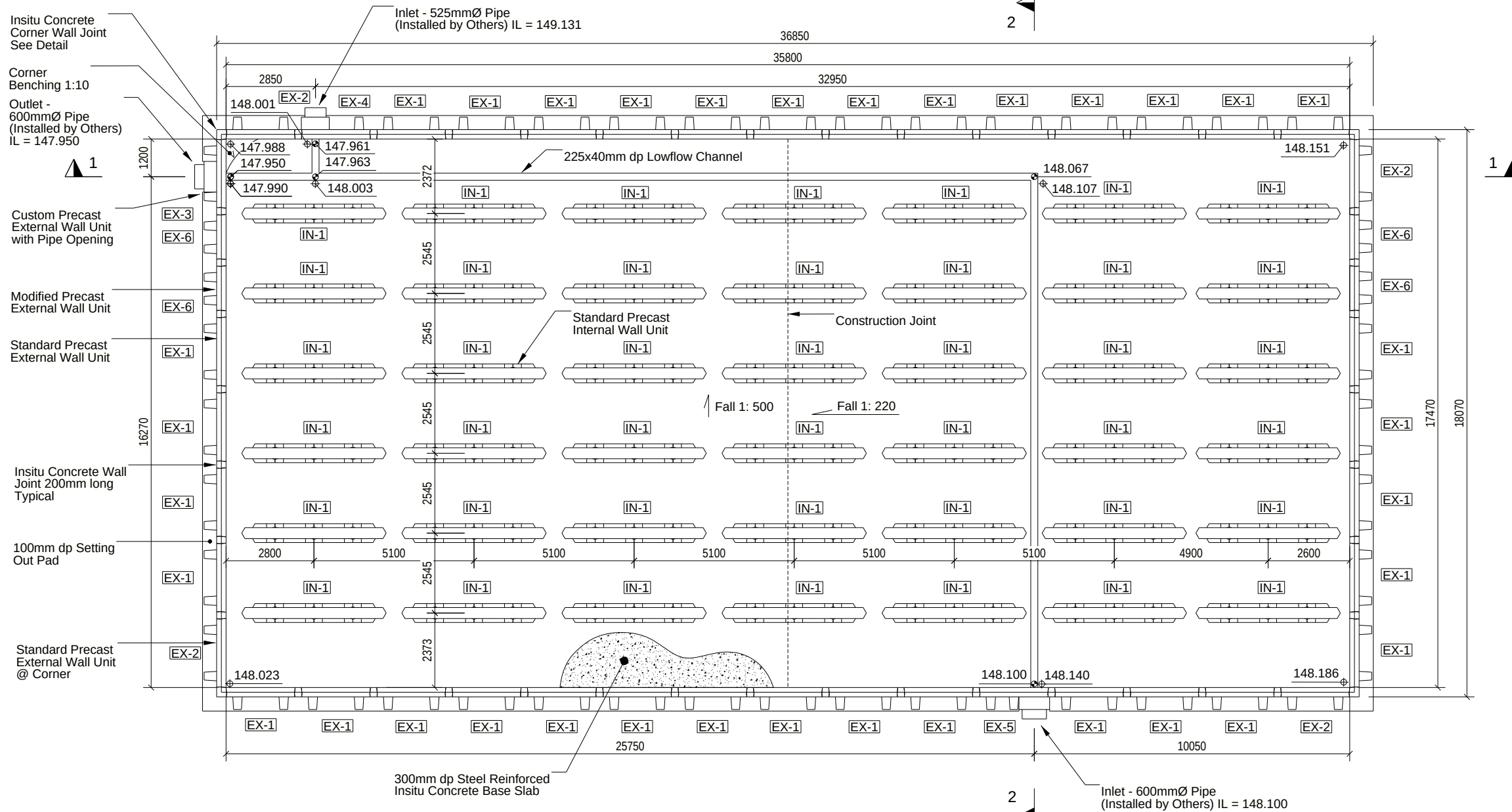




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GENERAL NOTES
Drawings and Specifications: This drawing to be read in conjunction with all relevant architects, engineers and specialist drawings together with the specification All dimensions in millimetres All level in metres AOD unless noted otherwise Do not scale off drawings, use figured dimensions only

Safety Chain and Guardrail Required where Outfall Pipe is 600mmØ or Greater

Curing of Base Slab: Curing agent to be applied immediately upon disappearance of surface water

Design Assumptions	
Design Life:	50 Years
Exposure Classification	XC4/ XD1
Design Chemical Class	DC-4
Imposed Loading	• 10kN/m ²

Surface Finishes	
Internal	Fair
External	Fair
Base Slab Surface	Wood Float
Roof Screed Surface	Wood Float
All Surface Finish References Are to CESWI 7th Edition	

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Base Plan

Scale 1:75

Estimated Storage Volume 1794m³
(provided tank reaches maximum capacity)

⊕ Denotes Structural Slab Level
⊙ Denotes Lowflow Channel Level

Allow for 5% Wastage
for Insitu Concrete

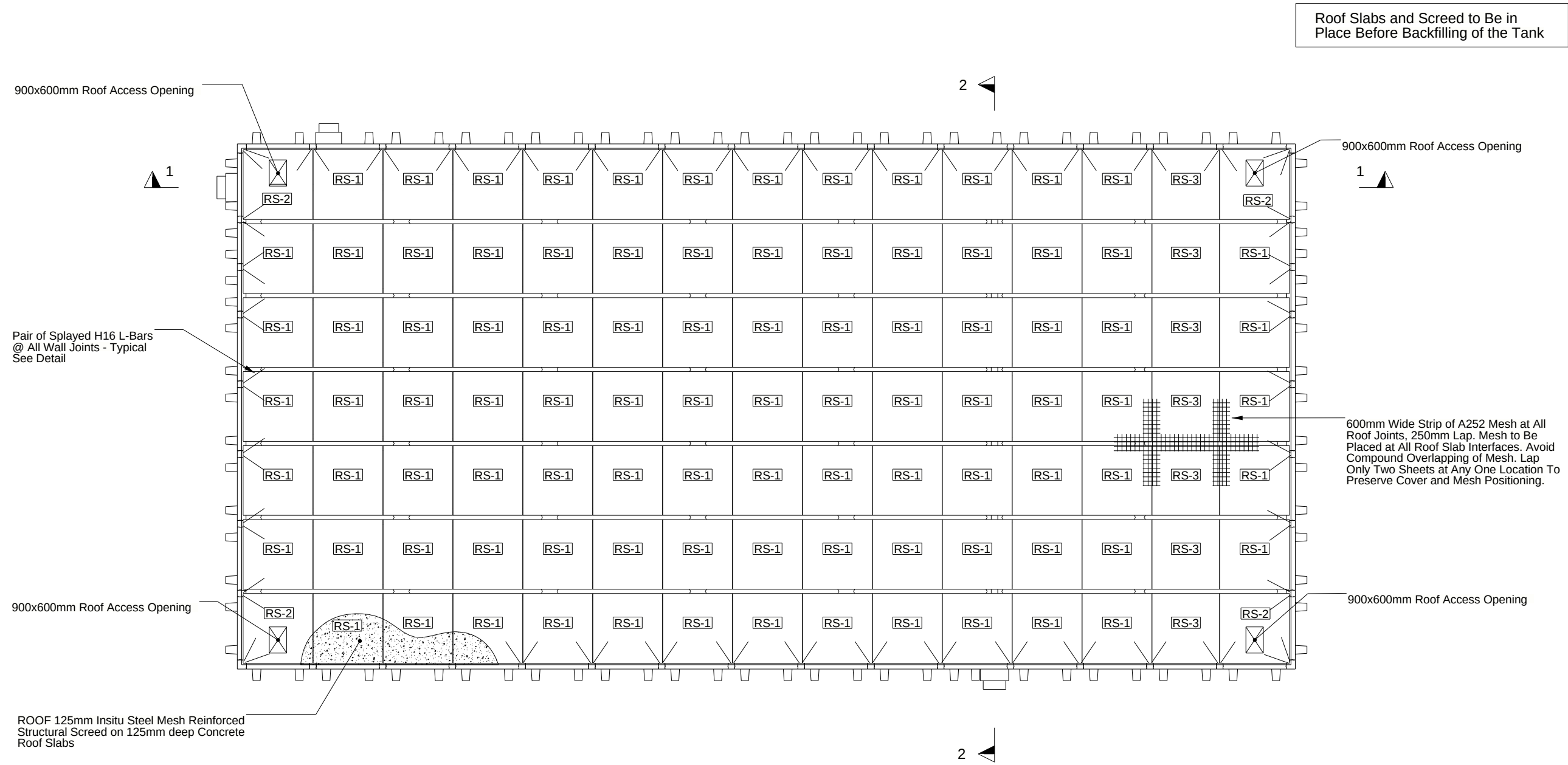
Placement & Cast of Inlet
/ Outlet Pipes by Others

All Setting Out of Precast
Units is by Centre to Centre

PRECAST SCHEDULE								
Type	Quantity	Volume (m ³)	Total Volume (m ³)	Weight (T)	Total Weight (T)	Description	Height (mm)	Width (mm)
EX-1	35	2.31	81.02	5.90	206.61	Standard External Wall	3550	1100
EX-2	4	2.31	9.26	5.90	23.61	Standard Ext @ Corner	3550	1100
EX-3	1	2.02	2.02	5.16	5.16	External Wall w. Pipe	3550	1100
EX-4	1	2.08	2.08	5.32	5.32	External Wall w. Pipe	3550	1100
EX-5	1	2.04	2.04	5.20	5.20	External Wall w. Pipe	3550	1100
EX-6	4	1.55	6.18	3.94	15.77	Modified External Wall	3550	1100
IN-1	42	1.95	81.79	4.97	208.56	Standard Internal Wall	3000	600
Grand Total	88		184.41		470.23			

IN-SITU SCHEDULE									
Type	Quantity	Volume (m ³)	Total Volume (m ³)	Weight (T)	Total Weight (T)	Description	Height /Depth (mm)	Width (mm)	Length (mm)
BS-1	1	188.85	188.85	453.23	453.23	Base Floor	340	35800	17470
J-2	42	0.23	9.60	0.55	23.04	Wall Joint 2	3550	300	243
J-4	4	0.34	1.35	0.81	3.23	Corner Wall Joint	3550	327	342
LP-1	1	12.69	12.69	30.47	30.47	Setting Out Pad	100	37300	18970
PB-1	1	0.39	0.39	0.93	0.93	Pipe Box Infill	1048	700	976
PB-2	1	0.29	0.29	0.71	0.71	Pipe Box Infill	875	700	889
PB-3	1	0.39	0.39	0.93	0.93	Pipe Box Infill	1048	700	976
RC-1	1	84.66	84.66	203.19	203.19	Roof Screed	250	17770	36100
Grand Total	52		298.22		715.72				

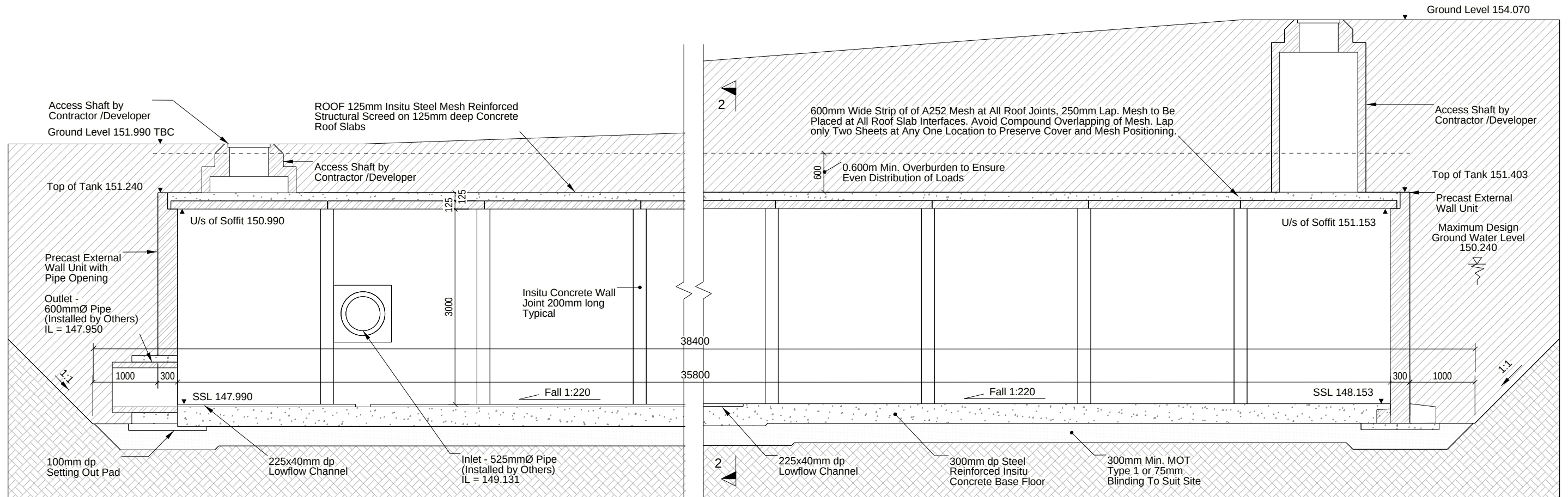
Design Assumptions			
	Base Slab	Pads	Wall Joints / Roof Screed
Design Chemical Class	DC-4	DC-4	DC-4
Exposure Classification	XC4 /XD1	XC4/ XD1	XC4 /XD1
Design Life	50 Years	50 Years	50 Years
Concrete Grade	C32/40	C32/40	C32/40
Cement Type	CEM IIIB+SR	CEM IIIB+SR	CEM IIIB+SR
Min Cement Content	360kg/m ³	360kg/m ³	380kg/m ³
Max W/C Ratio	0.45	0.45	0.45
Max Aggregate Size	20mm	20mm	10mm
Aggregate Type	Limestone	Limestone	Limestone
Required Slump	S4	S3	S4
Fibre Dosage	N/A	N/A	N/A
Fibre Type	N/A	N/A	N/A



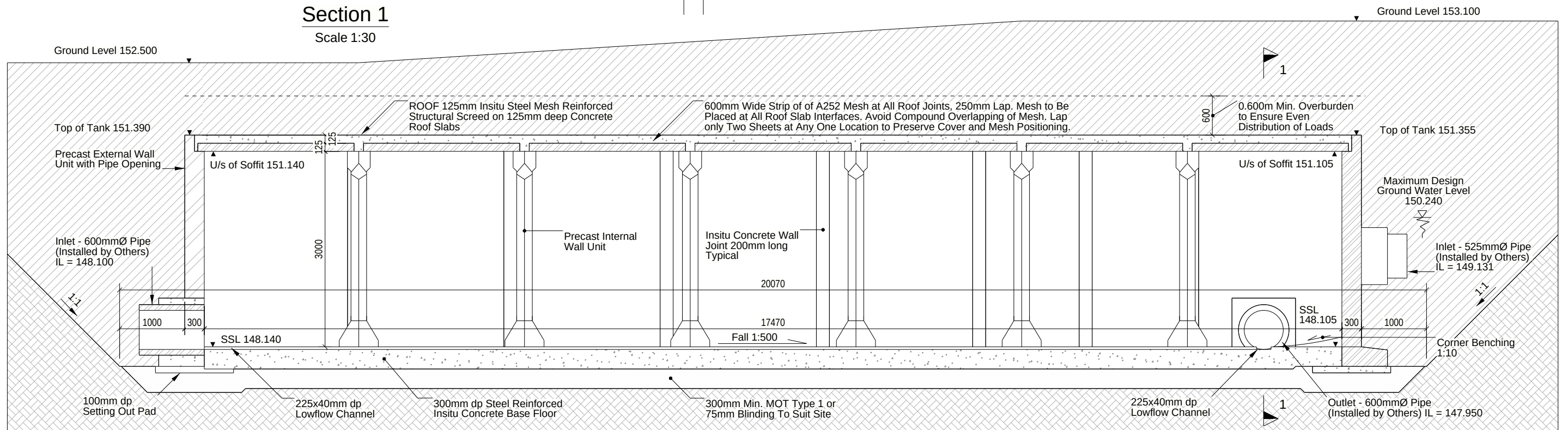
Roof Plan
Scale 1:75

PRECAST ROOF SLAB SCHEDULE										
Type	Quantity	Material: Name	Volume (m³)	Total Volume (m³)	Weight (T)	Total Weight (T)	Description	Height /Depth (mm)	Width (mm)	Length (mm)
RS-1	94	Precast	0.72	67.68	1.84	172.58	Standard Roof Slab	125	2400	2400
RS-2	4	Precast	0.65	2.61	1.66	6.66	Roof Slab w. Opening	125	2400	2400
RS-3	7	Precast	0.70	4.88	1.78	12.45	Modified Roof Slab	125	2325	2400
Grand Total	105			75.17		191.69				

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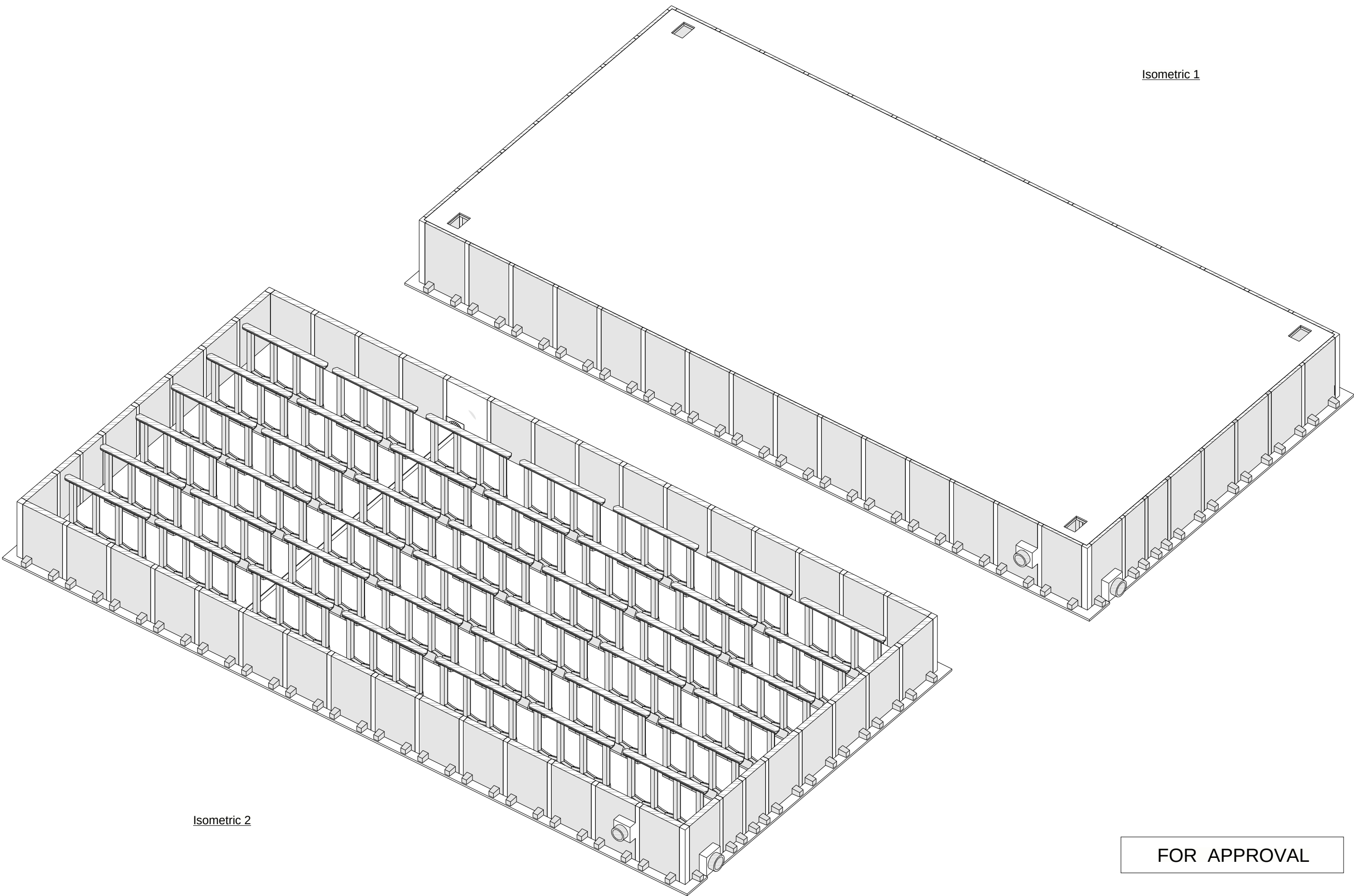


Section 1
Scale 1:30



Section 2
Scale 1:30

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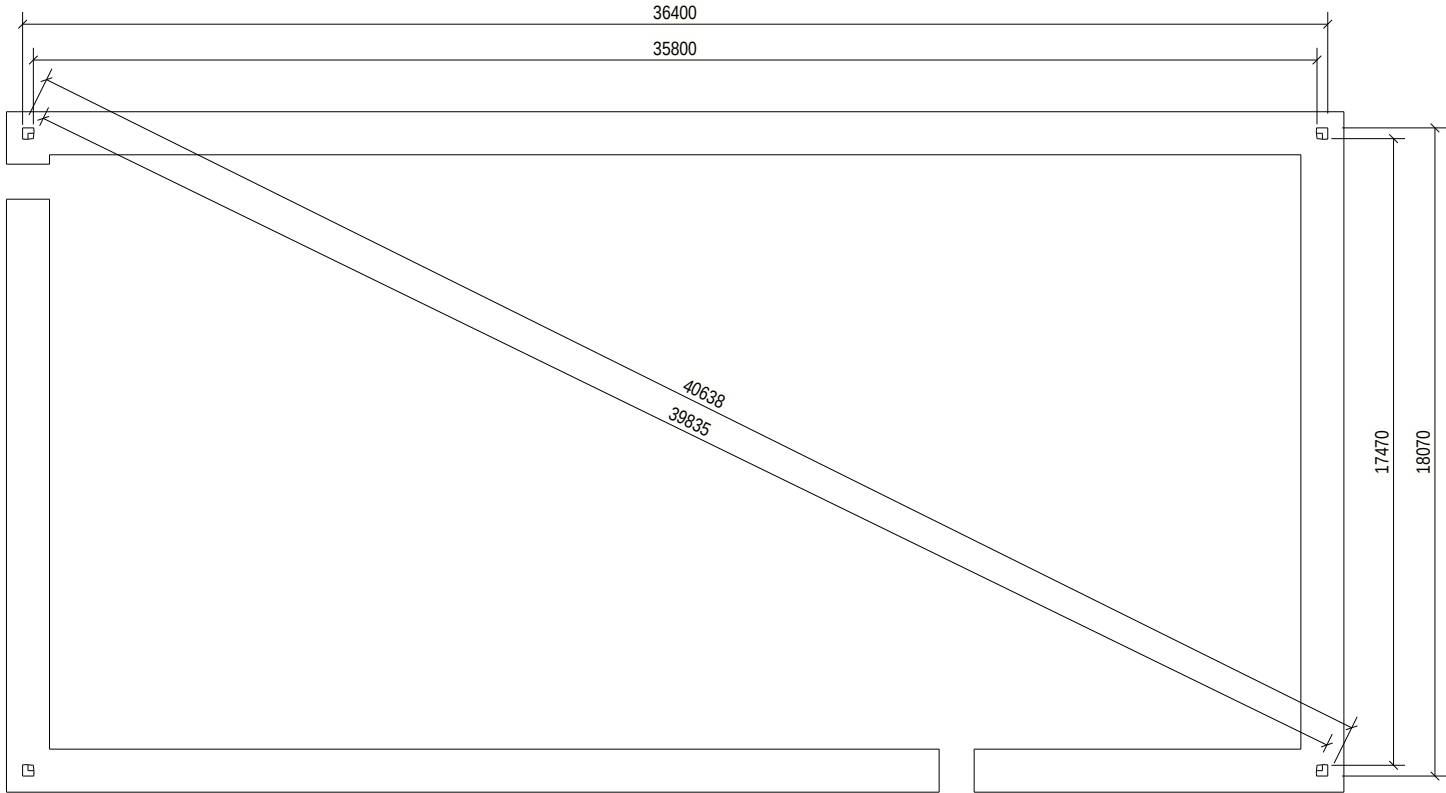


Isometric 1

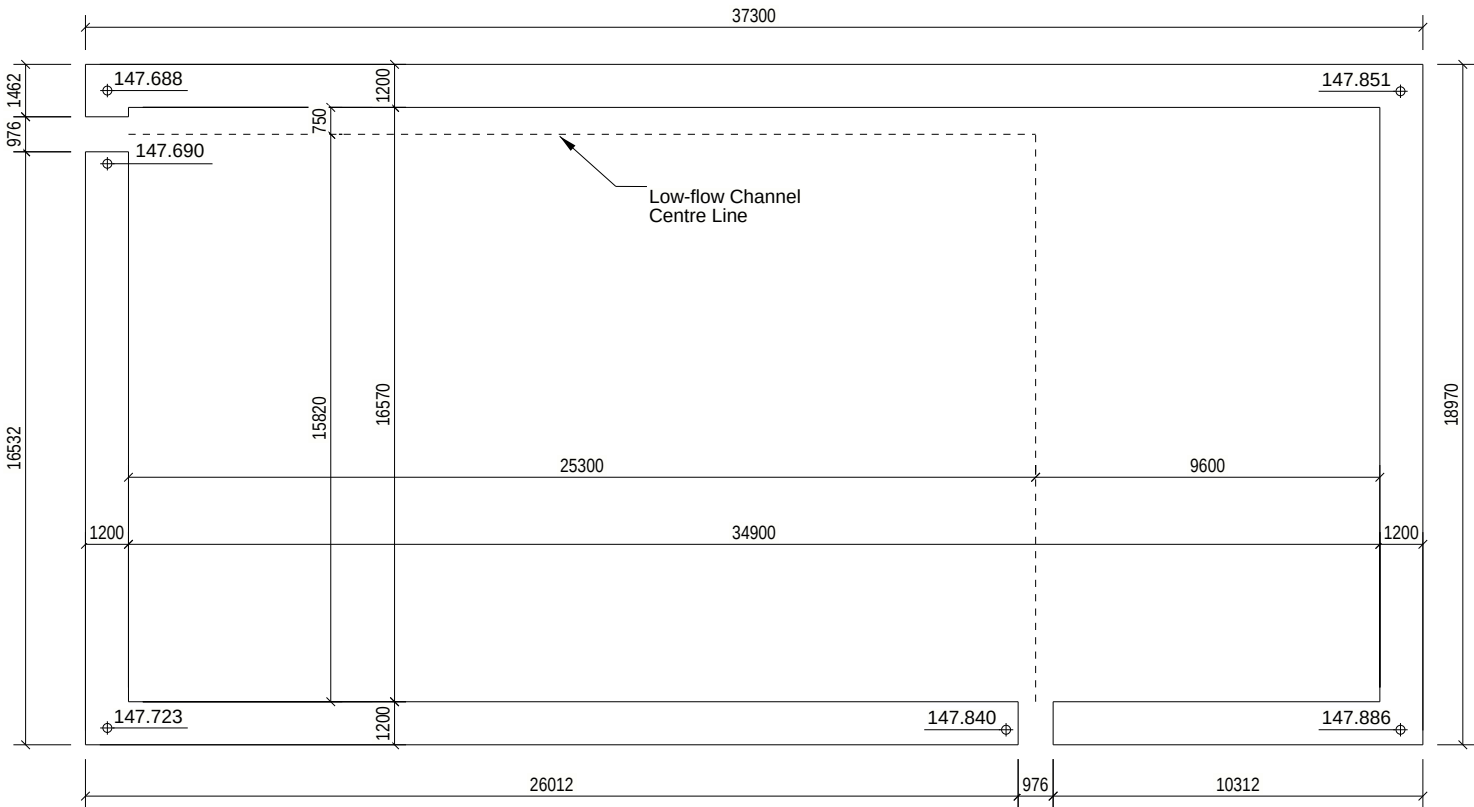
Isometric 2

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	KILNOCK, BALLON, CO. CARLOW, R93 E129, IRELAND TEL: +353 (0)59 915 9550 email: info@fliprecast.com Web: www.fliprecast.com	Project: LITTLEBOROUGH, ROCHDALE COUNTRYSIDE PARTNERSHIPS 3m high Tank Sheet: Setting Out and Pad Layout	Drawn By: KD	REV	DATE	DRAWN	CHKD	COMMENT Scale @ A1: AS SHOWN	
			Date: 21.08.2023	1	21.08.2023	KD	LOC	For approval	
			SEF No: SAT UK 28796	2	20.09.2023	KD	LOC	Levels updated. Reissued for approval.	
			Drg. No: A105	3	28.09.2023	KD	LOC	Design assumptions updated. Reissued for approval.	



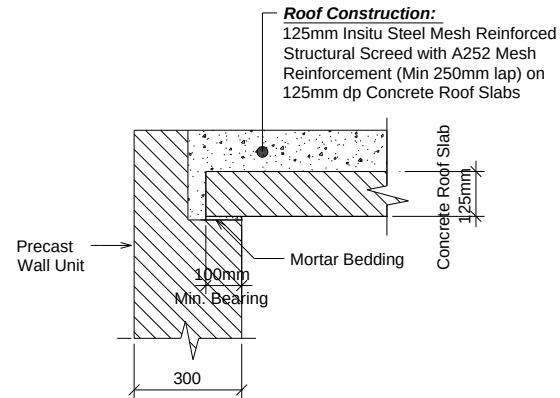
Setting Out Layout
Scale 1:100



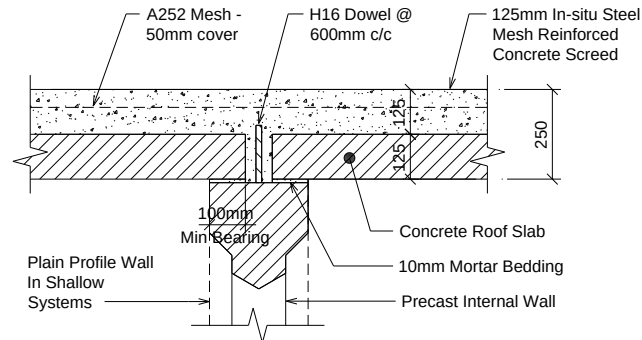
Pad Layout
Scale 1:100

Note:
Levels Indicated Are Top of Levelling Pad

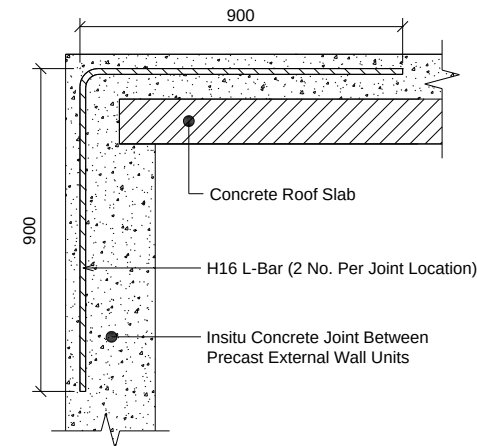
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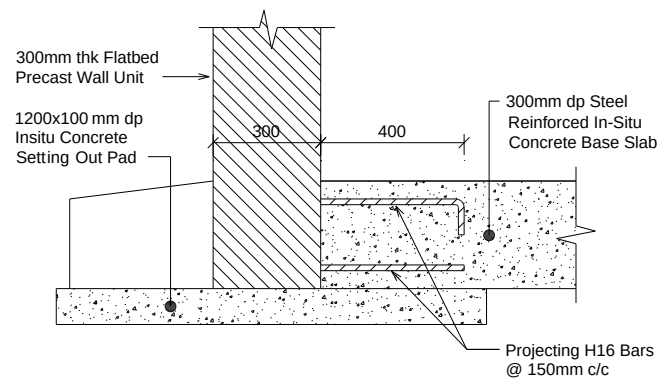
1 Typical Roof Slab Bearing
Detail - External Wall
1 : 10



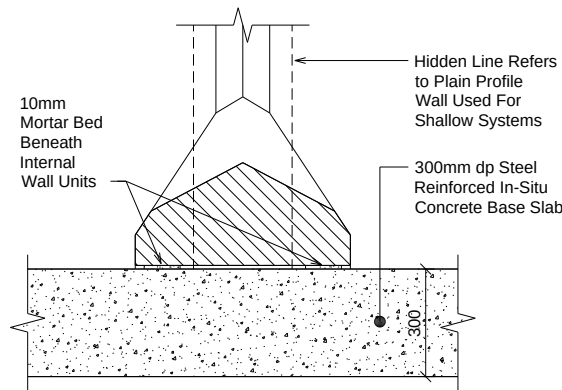
2 Typical Roof Slab Bearing
Detail - Internal Wall
1 : 10



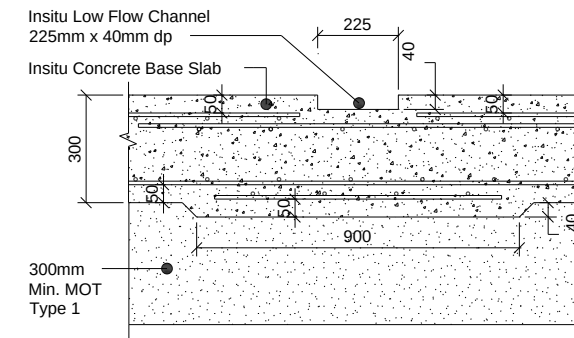
3 Typical Roof Tie Bar Detail
1 : 10



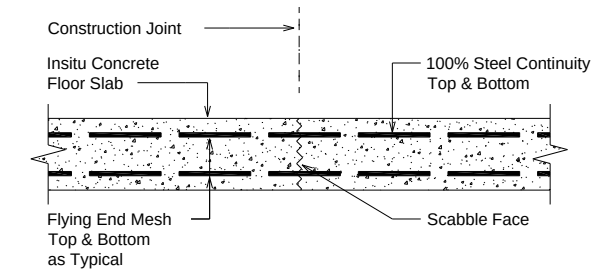
4 Typical Base Slab / Precast
Wall Joint Detail
1 : 10



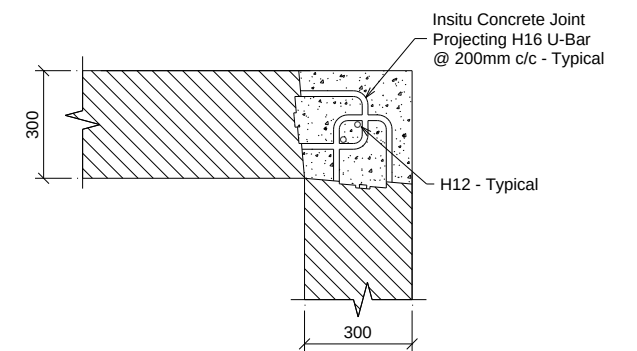
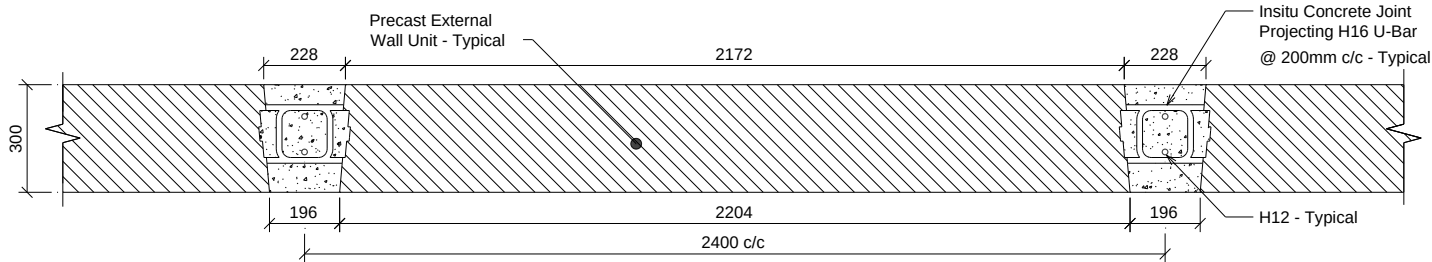
5 Typical Internal Wall Detail
1 : 10



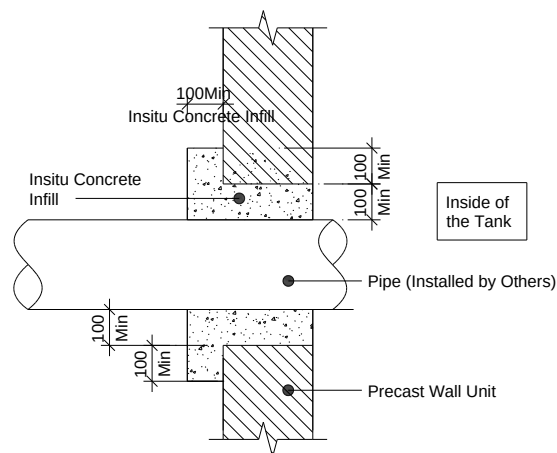
6 Detail at Precast Dry Flow
Channel
1 : 10



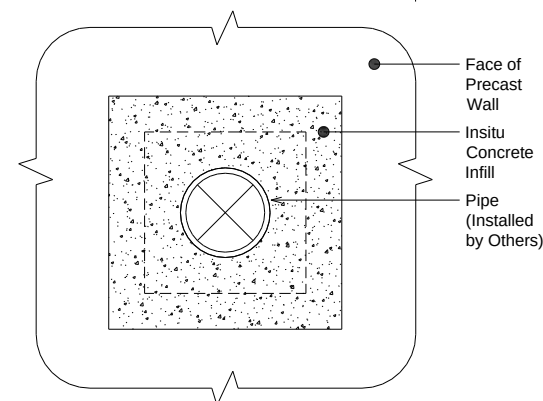
7 Typical Construction Joint
Detail
1 : 10



11 Insitu Vertical Corner Joint -
Typical
1 : 10



8 Pipe Connection Detail -
Section
1 : 10



9 Pipe Connection Detail -
Elevation
1 : 10

10 Insitu Vertical Joint Between
Precast Wall Units - Typical
1 : 10

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