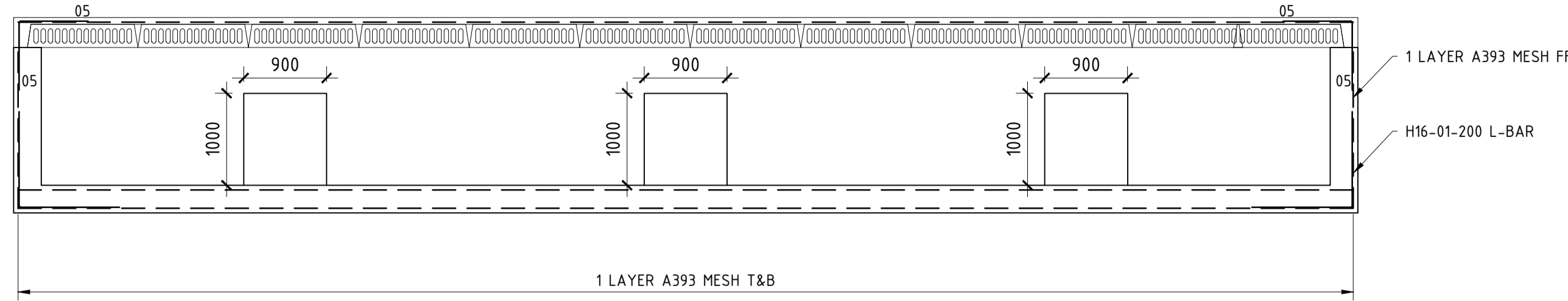
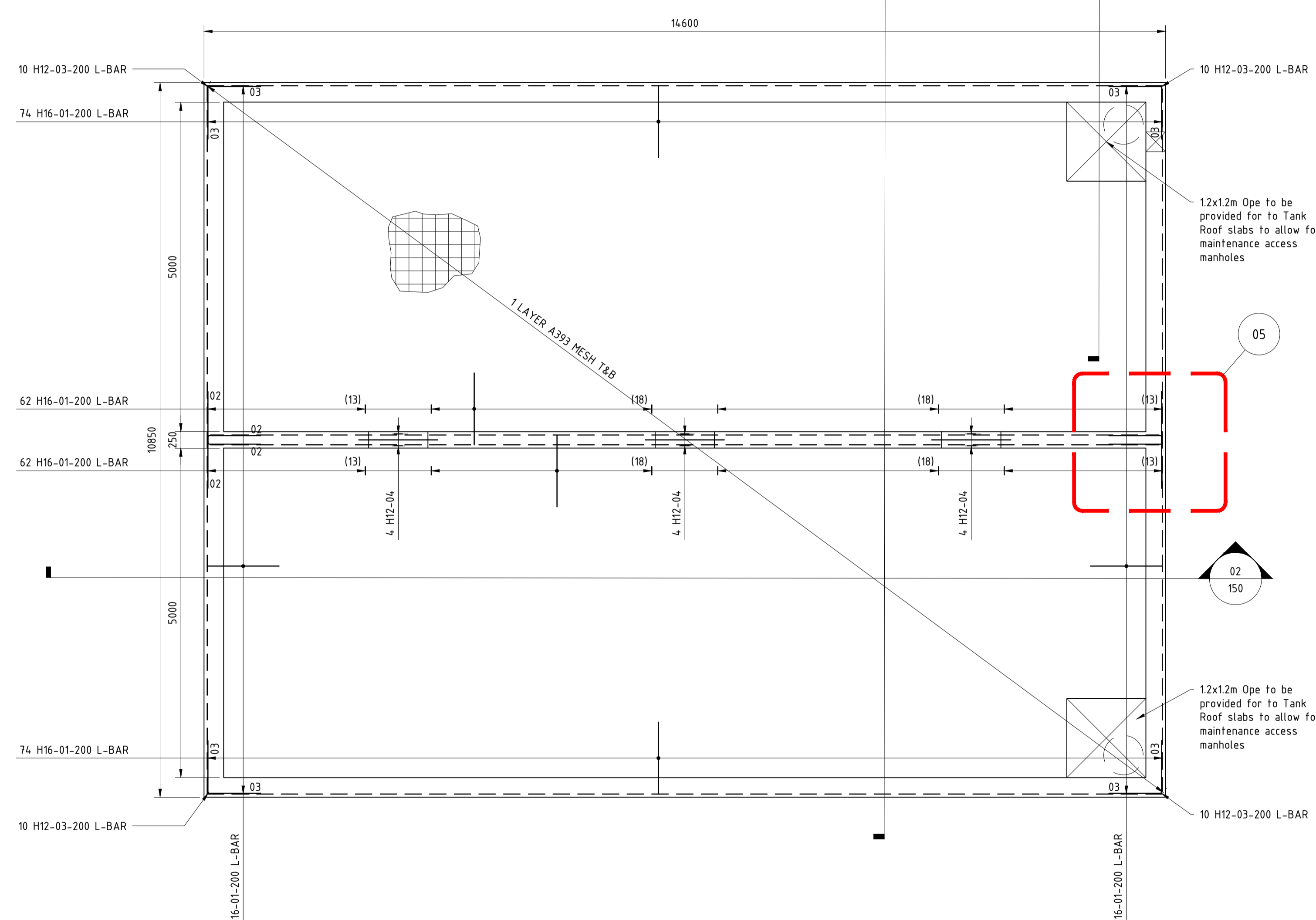


PRECAST SLAB DEPTH TO BE CONFIRMED WITH SLAB SUPPLIER/MANUFACTURER BASED ON FILL VOLUMES OVER

250mm Precast Slabs And 75mm Structural Screed Design with 1 layer of A393 Mesh.

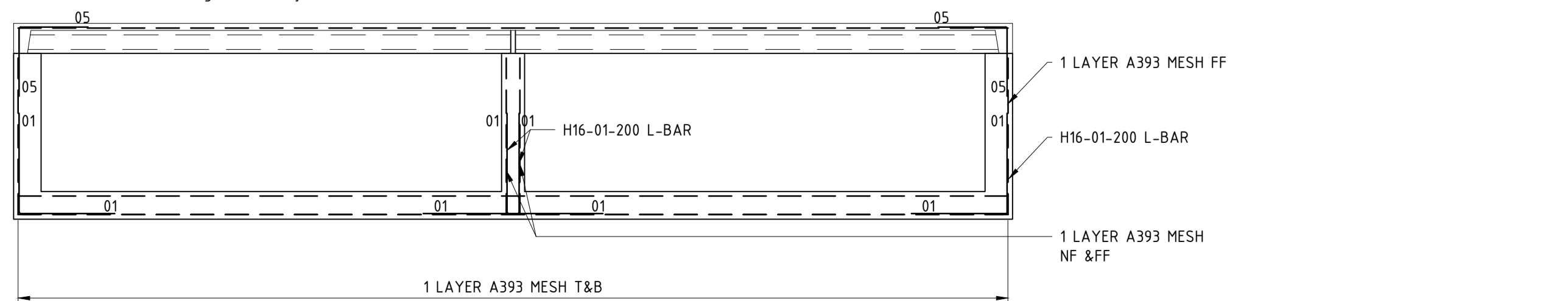


02 Section A-A
Scale: 1:50

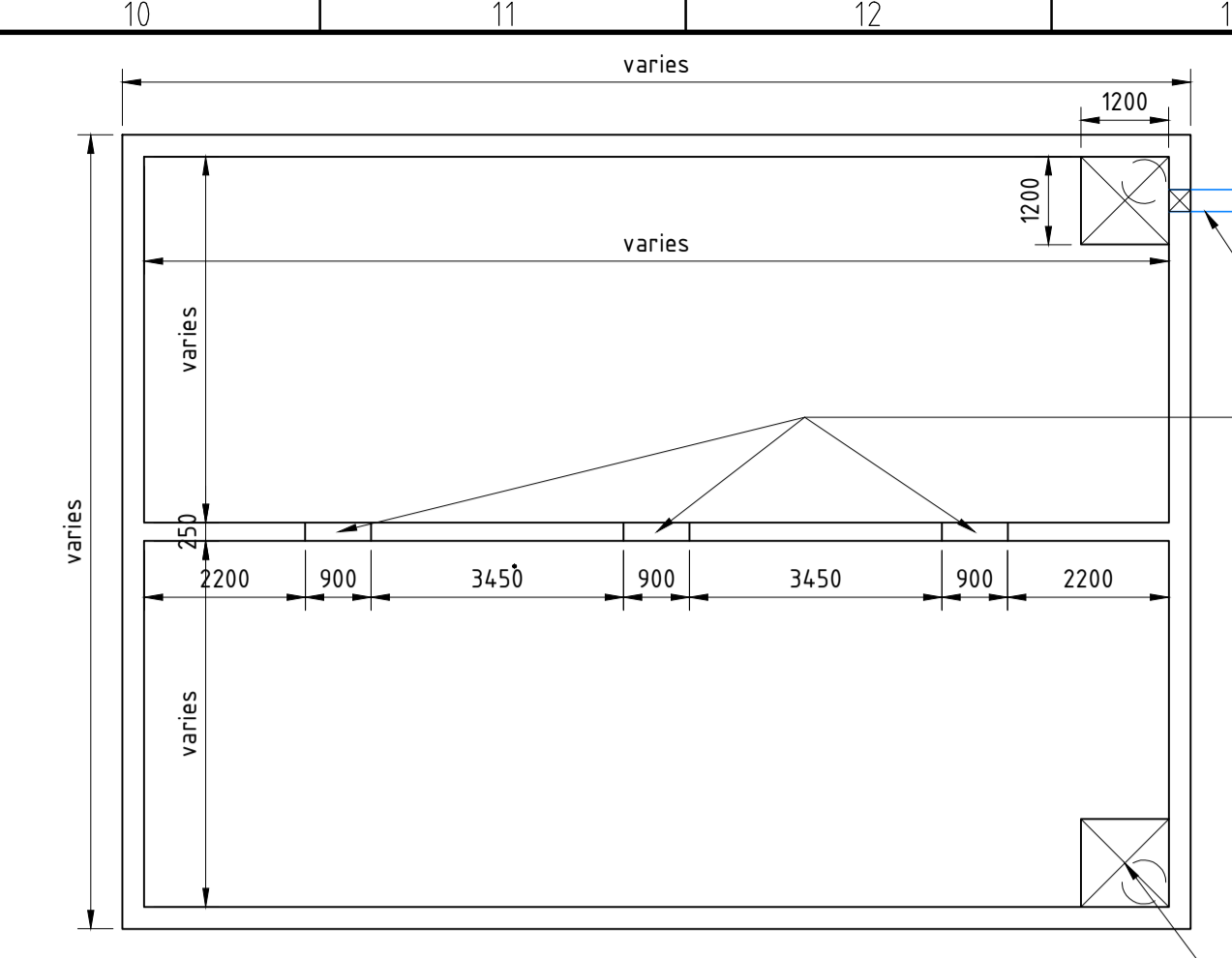


01 Attenuation Tank Plan
Scale: 1:50

250mm Precast Slabs And 75mm Structural Screed Design with 1 layer of A393 Mesh.



03 Section B-B
Scale: 1:50



00 Tank GA
Scale: 1:100

NOTE

Where concreting takes place during cold weather ensure that freshly poured concrete is protected from freezing. Where concreting takes place during hot dry weather ensure that freshly poured concrete is protected from premature drying.

All reinforcement is to conform to the following:
Reinforcing bars to be Type 2 deformed bars with $f_y = 500\text{MPa}$.
Fabric reinforcement is to conform to EC3 with a high tensile strength of 500 MPa.

Concrete cover of 50mm to all reinforcement including links, fabric reinforcement and ends of bars.
All dimensions in mm

Note:
Allow minimum 890mm lap to H16 bars
FY 500N/mm² High Yield Reinforcement.
Concrete to IS EN 206-1 C35/45

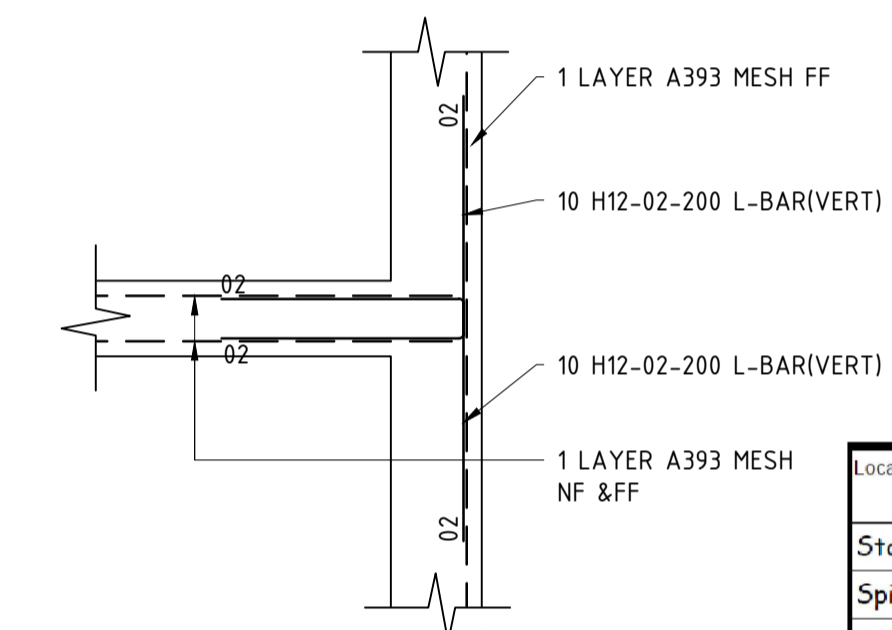
Allow minimum 400mm laps(2boxes) for Mesh Reinforcement

SCHEDULE INDICATED REPRESENTS REQUIREMENT FOR RC TANK WITH DIMENSIONS: 14 x 10.25 x 1.5M DEEP INTERNALLY. TO BE USED FOR GUIDANCE ONLY EACH TANK TO BE SIZED INDEPENDENTLY.

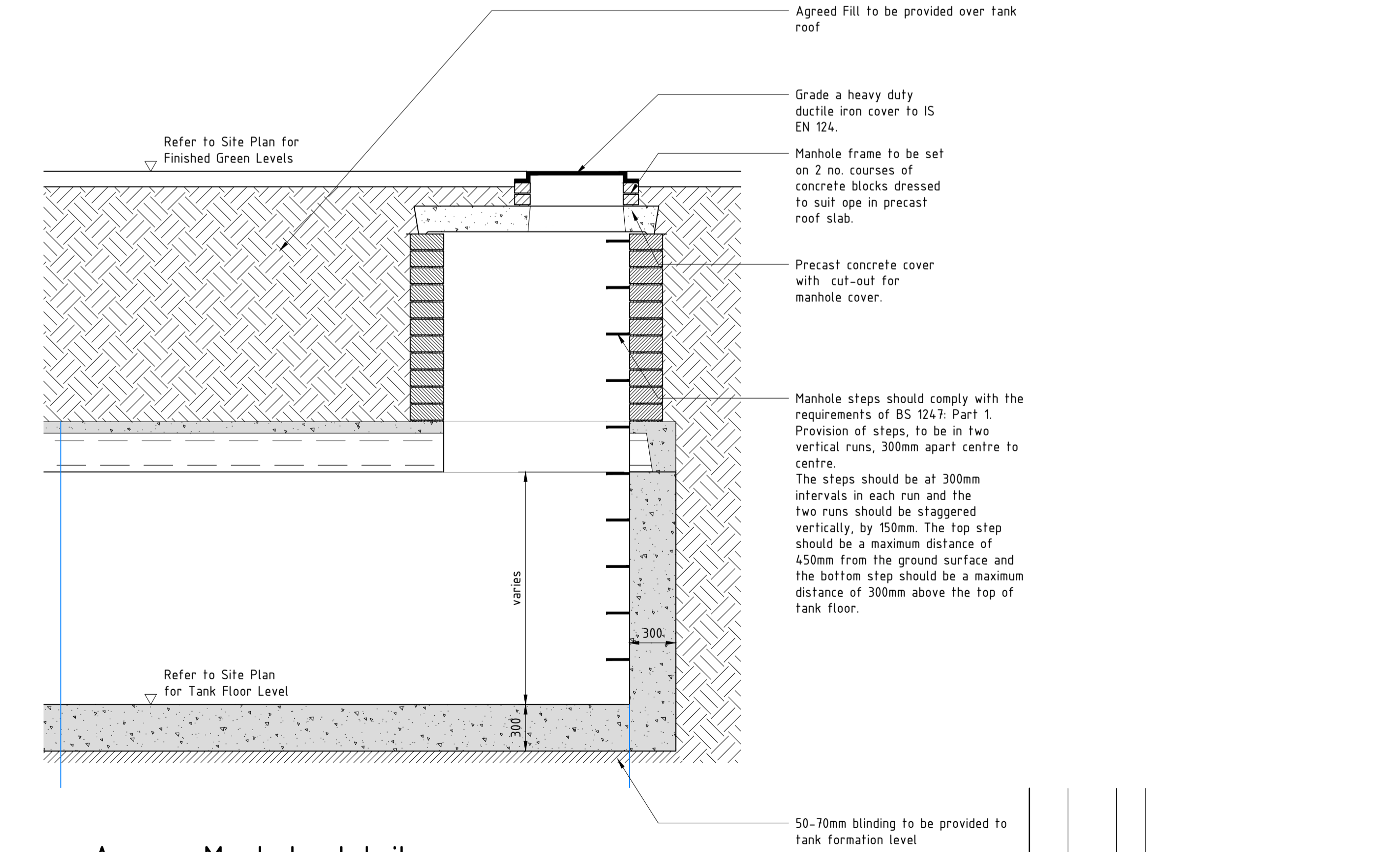
A393 MESH ESTIMATE (to be confirmed on site)

(TO BE READ IN CONJUNCTION WITH BAR SCHEDULE)

Location	Mark	Type	No	No in each	Total	Length	Shape	A	B	C	D	E-R	Wt.
						mm	code	mm	mm	mm	mm	mm	kg
Starter Bars	01	H 16	1	382	382	2050	11	1040					1236.5
Spine Wall (Vert. T)	02	H 12	1	40	40	1575	11	800					55.9
Corner Bars (Vert.)	03	H 12	1	40	40	1575	11	800					55.9
Ope Bars	04	H 12	3	4	12	1200	00	1200					12.8
Top L-Bars	05	H 10	1	258	258	1500	11	750					238.4



05 Spine Wall Tie-In
Scale: 1:25



04 Access Manhole detail
Scale: 1:25

REVISION	DATE	BY	DETAILS
01	10/22	EK	Issued for Planning

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Drawn By: DB
Approved By: EK
Date: Oct 22
Scale: As Shown
Sheet: 21059 - P - 504
Project: Attenuation Tank Reinforcement (Typ.)
Waterrock Development
Midleton, Co. Cork for Havenfalls Ltd