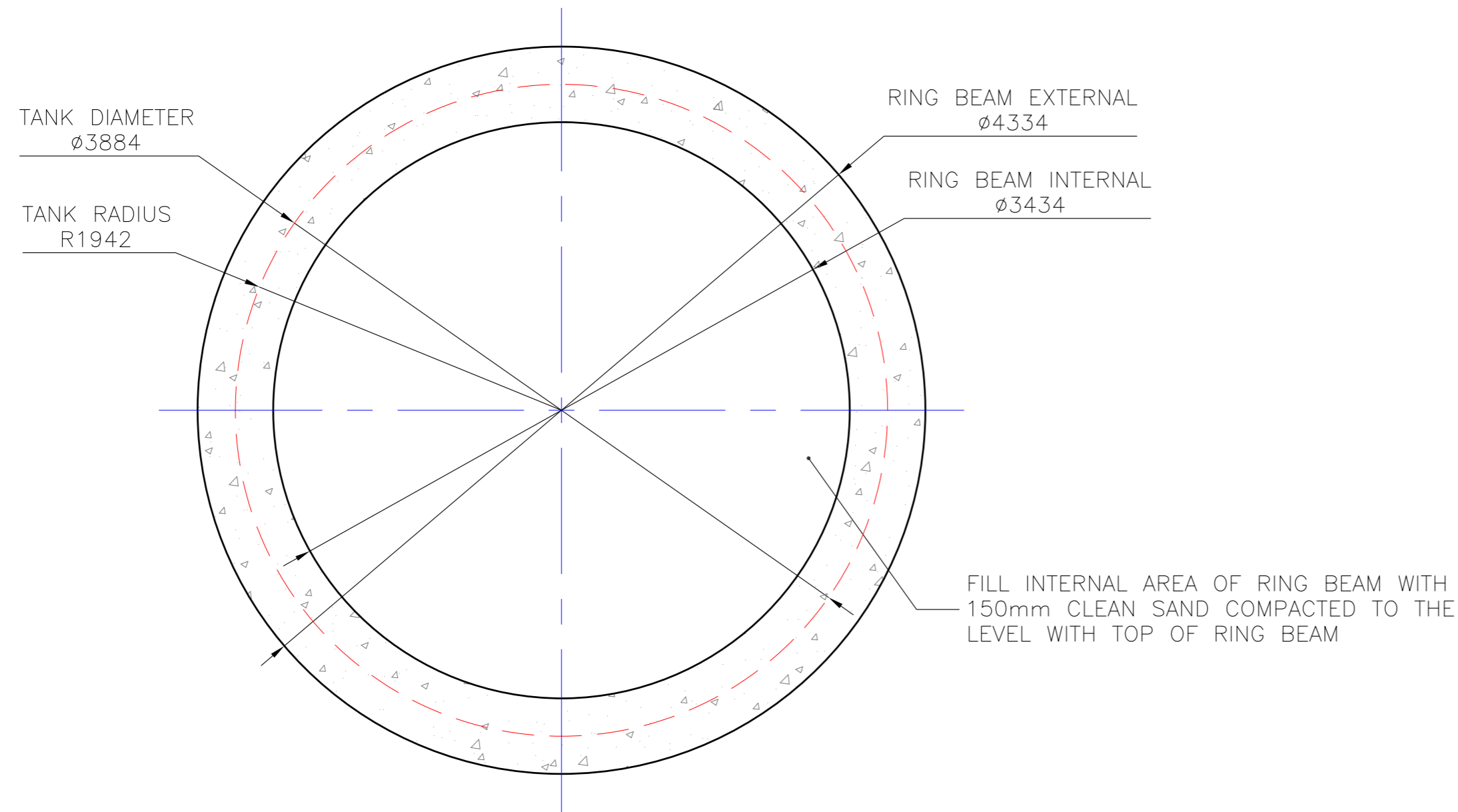
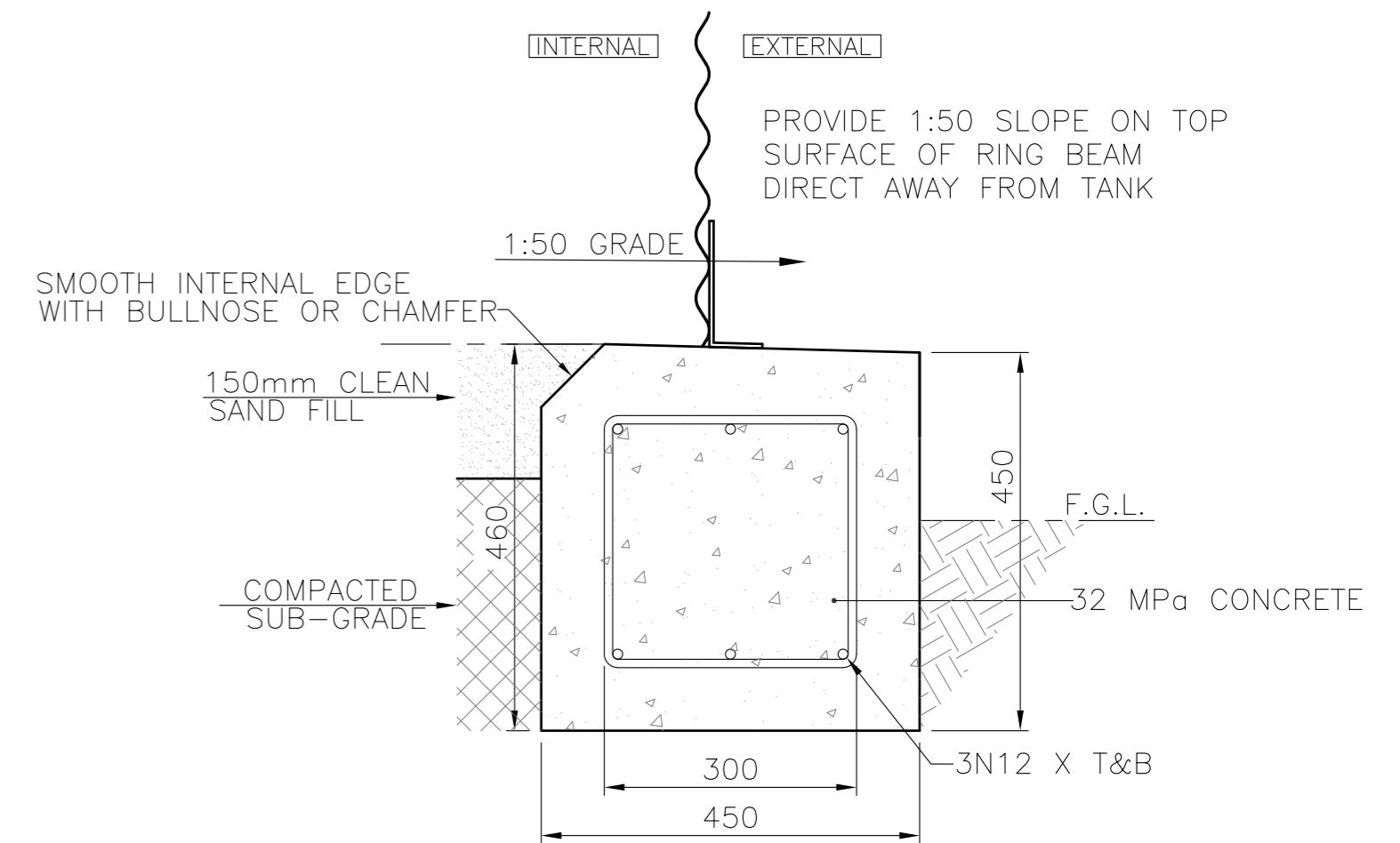


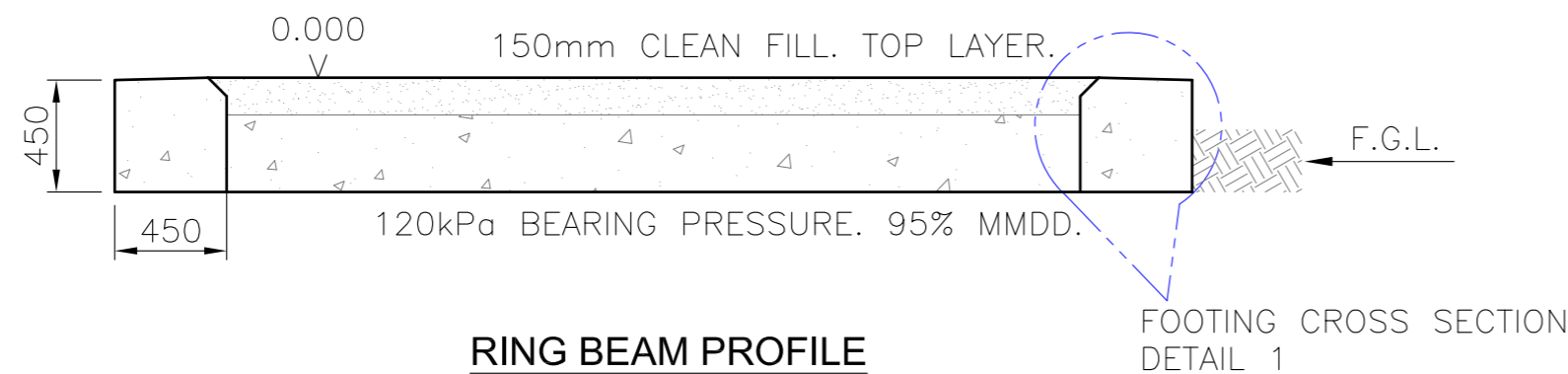
**CONCRETE RING BEAM**  
**TANK MODEL RCT 25-29**  
 Ø3.884m X 2.9mH  
 34 kl TOTAL CAPACITY.  
 REGION A/B



**RING BEAM LAYOUT**



**DETAIL 1 - RING BEAM CROSS SECTION**  
 SCALE 1:8



**RING BEAM PROFILE**

FOOTING CROSS SECTION  
 DETAIL 1

**NOTE :**

- 1) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE
- 2) GENERAL ARRANGEMENT DRAWING ONLY.
- 3) FOUNDATION TO BE CONSTRUCTED OF 32MPa CONCRETE.
- 4) COMPACT SUB-GRADE TO 120kPa BEARING PRESSURE. 95% MAXIMUM MODIFIED DRY DENSITY.
- 5) CONCRETE COVER FOR REINFORCING TO BE 75mm UNLESS SPECIFIED OTHERWISE.
- 6) RING BEAM INTERNAL AREA TO BE FILLED WITH 150mm DEEP OF CLEAN SAND LEVEL WITH TOP OF RING BEAM.
- 7) TOP OF FOUNDATION TO PROJECT A MINIMUM OF 200mm ABOVE FINISHED GROUND LEVEL.
- 8) SMOOTH INTERNAL EDGE OF RING BEAM WITH BULLNOSE TROWEL OR CHAMFER.
- 9) TOP OF RING BEAM SURFACE TO HAVE A SMOOTH FINISH.
- 10) SLOPE TOP SURFACE OF RING BEAM TO 1:50 GRADE, DIRECTED OUTWARDS (AWAY FROM TANK CENTER) TO ALLOW FOR RUNOFF.
- 11) PROVISION FOR 'THROUGH FLOOR' SCOUR DRAIN SHOULD BE ADDRESSED PRIOR TO FOUNDATION CONSTRUCTION.
- 12) TANK FOUNDATION DESIGNED TO WIND 'REGION B' AS PER AS/NZS 1170.2:2011.
- 13) THE DESIGN ASSUMED THAT SOILS AND ANY GROUND WATER PRESENT ON THE SITE ARE NON-AGGRESSIVE AND WILL HAVE NO DELETERIOUS EFFECT ON THE CONCRETE FOUNDATION.

RO	16.11.2021	SRK	UNB
REV	DESCRIPTION	DATE	DRAWN CHECK

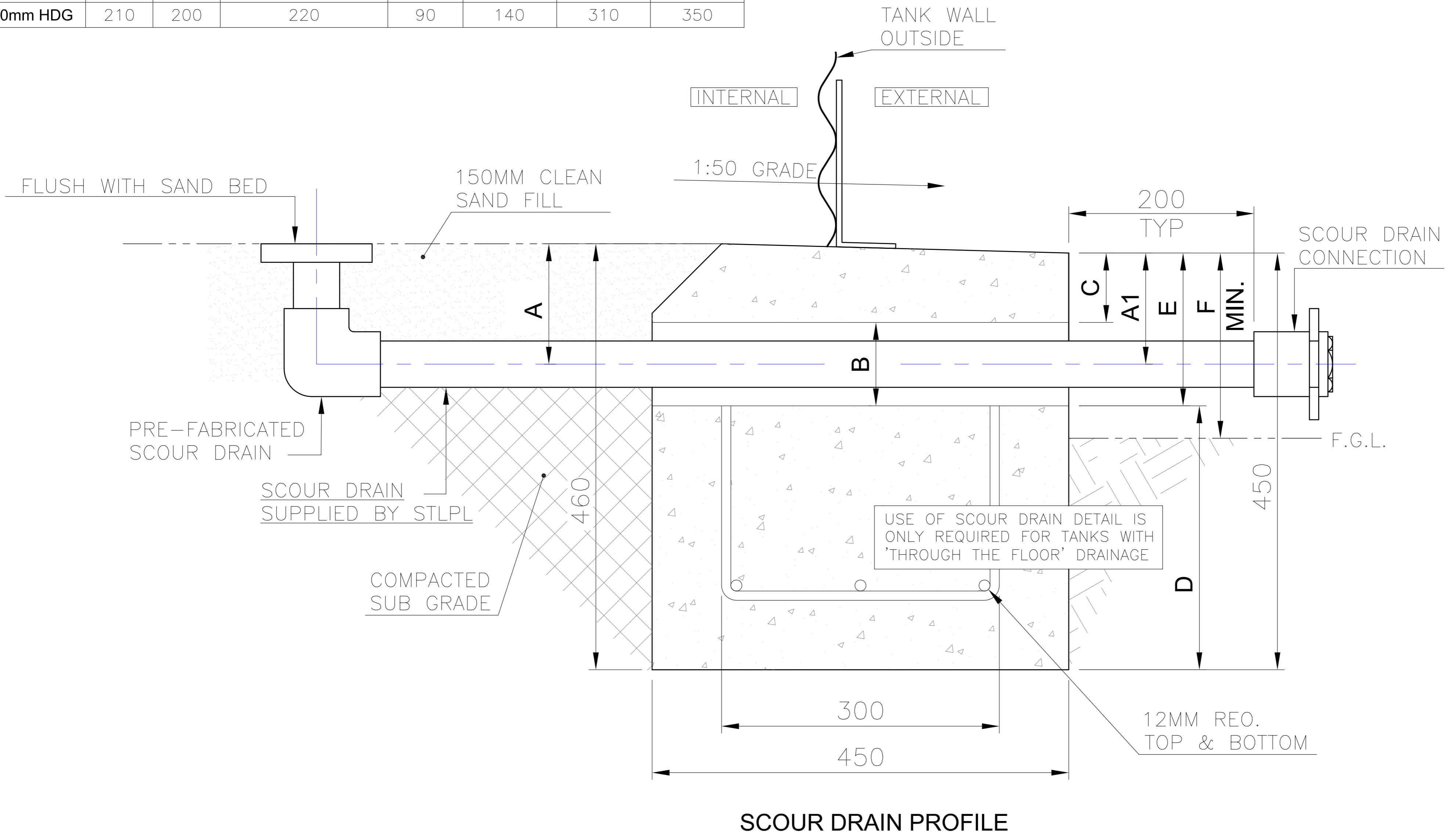


SHUBHAM TANKS AND LINERS PVT. LTD.  
 128, LOKHA SUPREMESI-II, RD, NO.22,  
 WAGLE INDUSTRIAL ESTATE, THANE (W)  
 MAHARASHTRA - 400 604.

TITLE <b>RCT 25-29 RING BEAM SPECIFICATION</b>		SCALE <b>1 : 30 MM</b>
JOB NO. <b>PART DRG.</b>	DRAWING NO. <b>RCT 25-29 / RB / R0</b>	SHEET <b>1 / 2</b>
REV <b>R0</b>		

# SCOUR DRAIN ARRANGEMENT

SCOUR DRAIN TYPE	SCOUR CAST IN DEPTH		SLEEVE MINIMUM INTERNAL DIAMETER	SLEEVE DEPTH			F.G.L. (MIN.)
	A	A1	B	C	D	E	F
50mm PVC	130	120	90	75	285	165	200
100mm HDG	210	200	220	90	140	310	350



**SCOUR DRAIN PROFILE**

REV	DESCRIPTION	DATE	DRAWN	CHECK
R0		16.11.2021	SRK	UNB



SHUBHAM TANKS AND LINERS PVT. LTD.  
128, LOKHA SUPREMIUS II, RD, NO. 22,  
WAGLE INDUSTRIAL ESTATE, THANE (W)  
MAHARASHTRA - 400 604.

TITLE		SCALE	
RCT 25-29 RING BEAM FOR SCOUR DRAIN DETAILS		1 : 3 MM	
JOB NO.	DRAWING NO.	SIZE	SHEET
PART DRG.	RCT 25-29 / RB / R0	A2	2 / 2
REV			R0