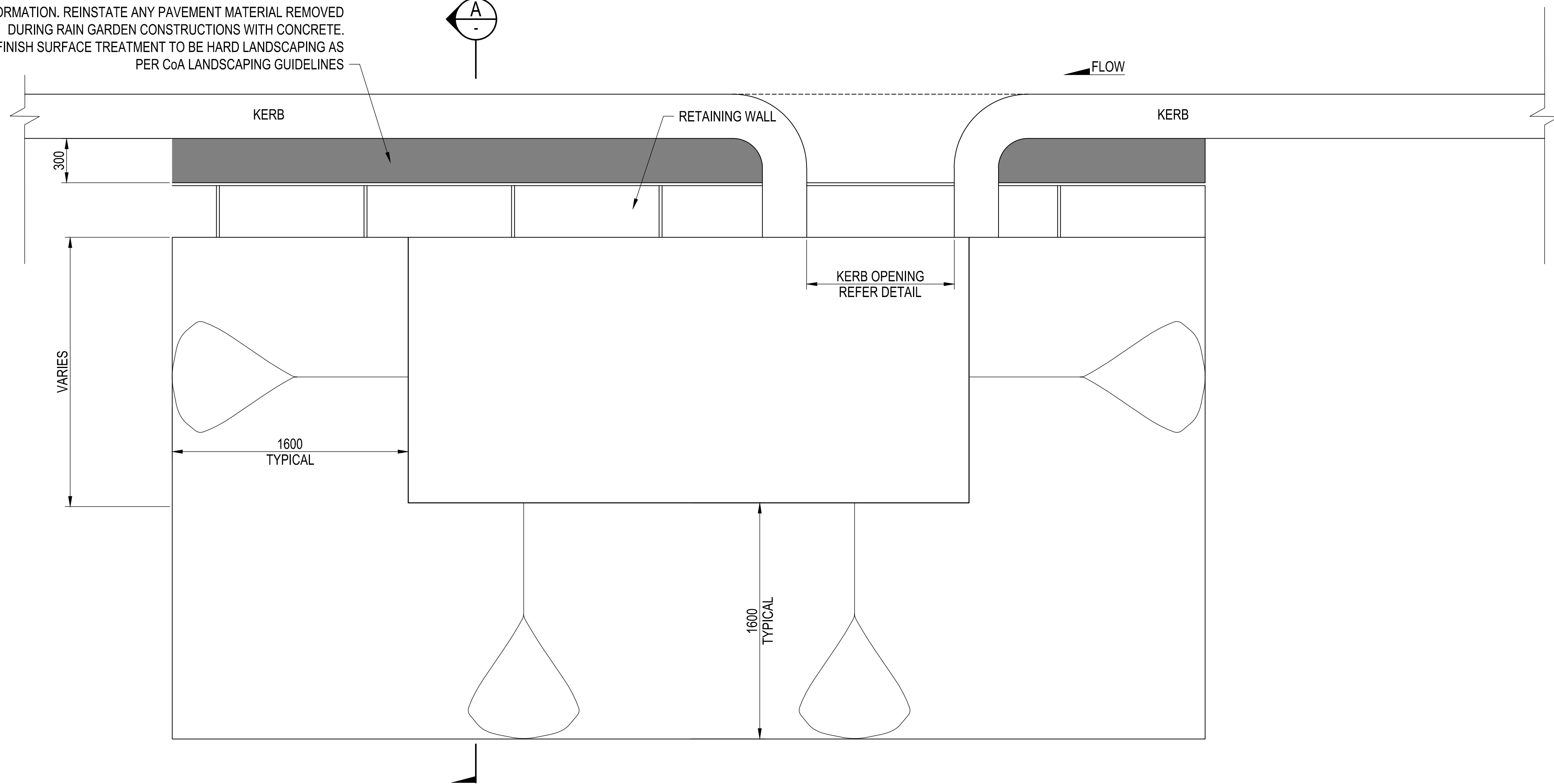
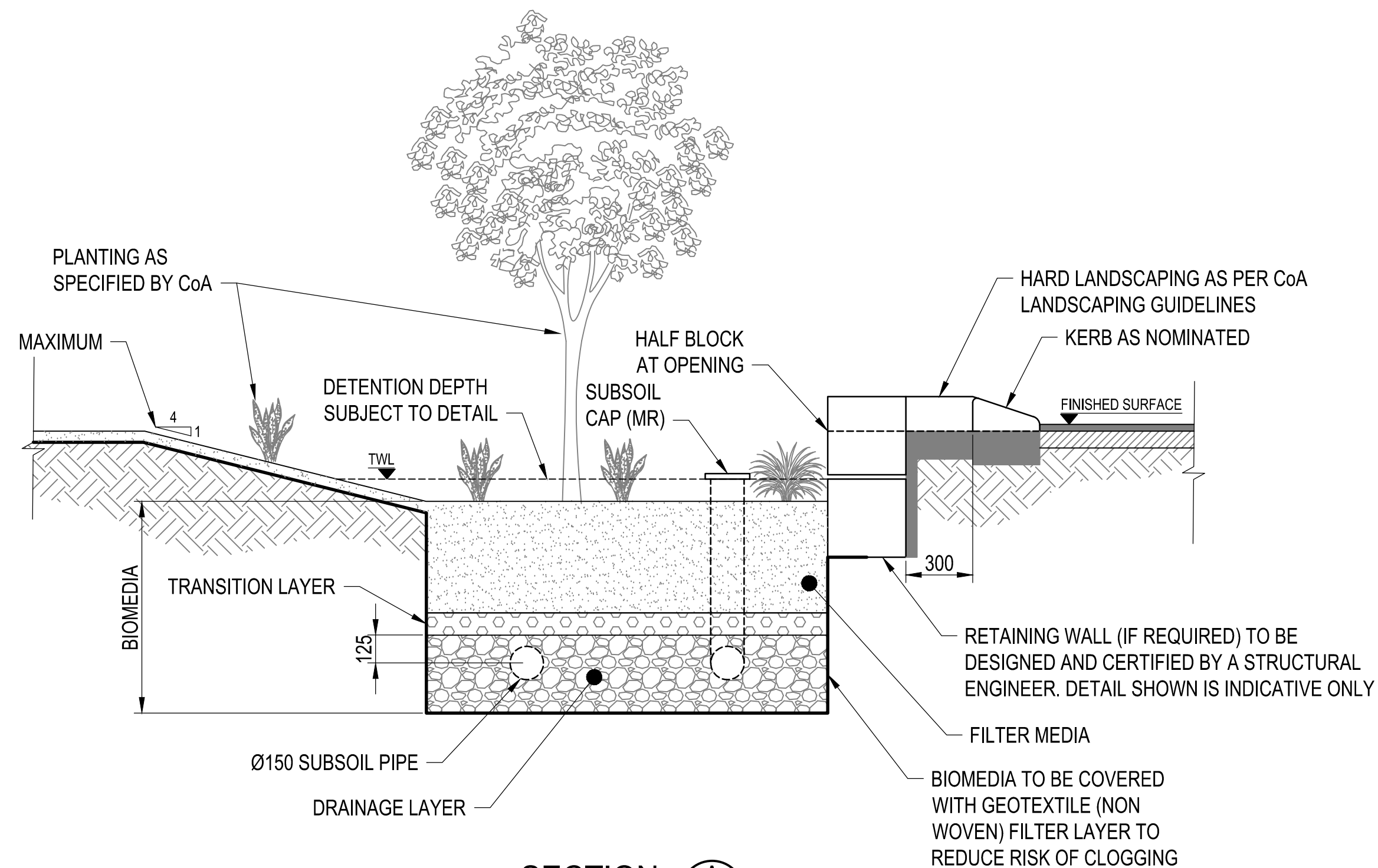


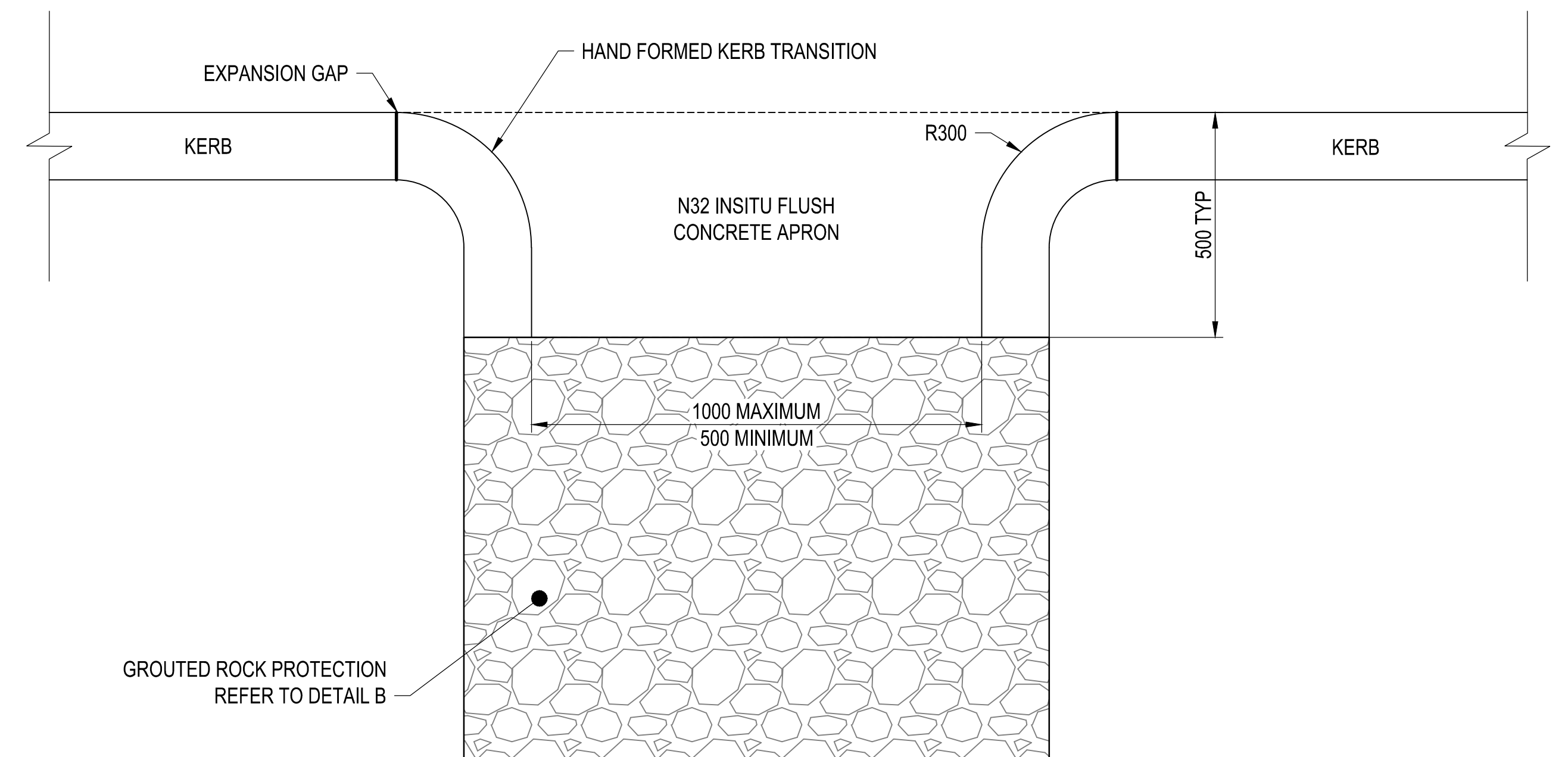
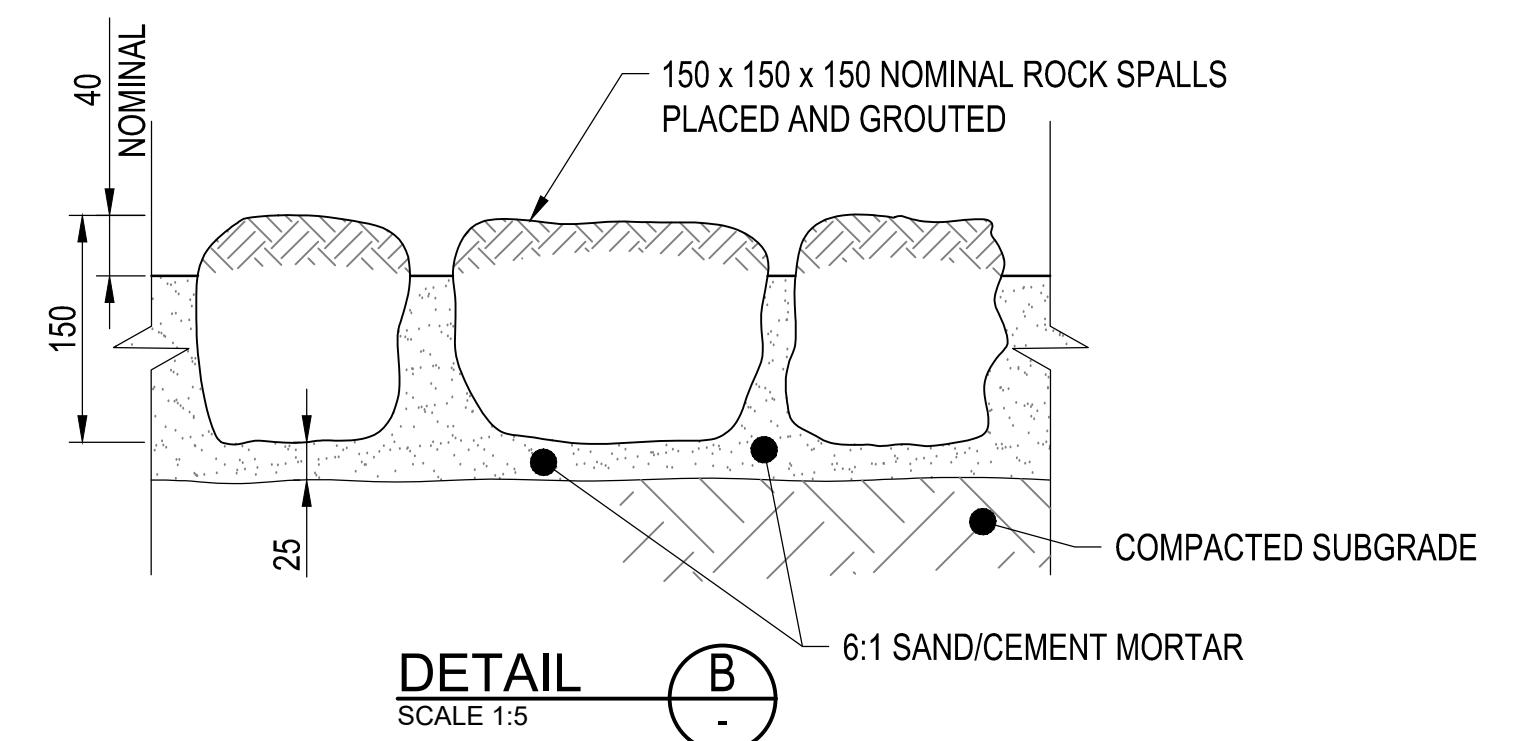


SCALE 1:20



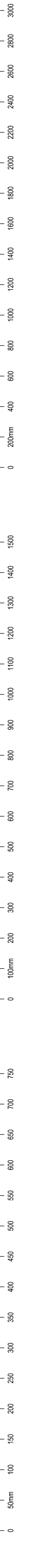
NOTES

1. FILTER MEDIA SHALL BE AN ENGINEERED MATERIAL CONSISTING OF WASHED, WELL-GRADED SAND WITH PARTICLE SIZES RANGING FROM 0.05mm TO 3.4mm, OR APPROVED NATURALLY OCCURRING SAND.
2. FILTER MEDIA SHALL HAVE A DESIGNED SATURATED HYDRAULIC CONDUCTIVITY BETWEEN 100mm/h AND 300mm/h. FOLLOWING ESTABLISHMENT AND A MAINTENANCE PERIOD OF 2 YEARS, THE IN-SITU HYDRAULIC CONDUCTIVITY SHALL BE BETWEEN 33% AND 50% OF THE DESIGN VALUE.
3. TRANSITION LAYER SHALL COMPRISE CLEAN, WELL-GRADED SAND (A2 FILTER SAND OR EQUIVALENT, 0-9.5mm) WITH A HYDRAULIC CONDUCTIVITY GREATER THAN THAT OF THE FILTER MEDIA
4. THE PARTICLE SIZE DISTRIBUTION OF THE TRANSITION LAYER SHALL SATISFY BRIDGING CRITERIA SUCH THAT THE SMALLEST 15% OF PARTICLES IN THE TRANSITION LAYER BRIDGE THE LARGEST 15% OF PARTICLES IN THE FILTER MEDIA.
5. DRAINAGE LAYER SHALL CONSIST OF CLEAN, FINE AGGREGATE (2-7mm WASHED SCREENINGS) WITH HYDRAULIC CONDUCTIVITY GREATER THAN THAT OF THE TRANSITION LAYER.
6. SUBSOIL DRAINAGE PIPE SHALL BE PERFORATED AND SIZED SUCH THAT PERFORATIONS ARE SMALLER THAN THE DRAINAGE LAYER PARTICLES, OR ALTERNATIVELY WRAPPED IN AN APPROVED GEOTEXTILE FILTER FABRIC.
7. RAIN GARDENS SHOULD BE LOCATED WITHIN VERGE AREAS OR SIDE BOUNDARIES AND CLEAR OF PEDESTRIAN PATHS. WHERE ADJACENT TO PATHS, A MINIMUM 1.0m WIDE LEVEL STRIP SHALL BE PROVIDED BETWEEN THE PATH AND THE TOP OF THE RAIN GARDEN BATTER.



TYPICAL KERB OPENING

SCALE 1:10



Amendments						
	A	21.07.26	ENDORSED BY CITY OF ARMADALE			DP
No	Date		Revision		By	Approved

Scale:	Paper:
AS SHOWN	A1
Datum:	Grid
N/A	N/A
Surveyed	Date
N/A	N/A

Drawn: DP	Date: 10.06.26	Signed:
Designed: DR	Date: 10.06.26	Signed:
Checked: BT	Date: 10.06.26	Signed:
Head of Engineering & Design:		Signed:

Project:	CITY OF ARMADALE	PC No:	N/A
		CMR No:	N/A
Description:	STORMWATER DRAINAGE	Sheet No:	1 OF 1
		Revision No:	A
	RAIN GARDEN AND KERB OPENING	DWG No:	STD-D-09