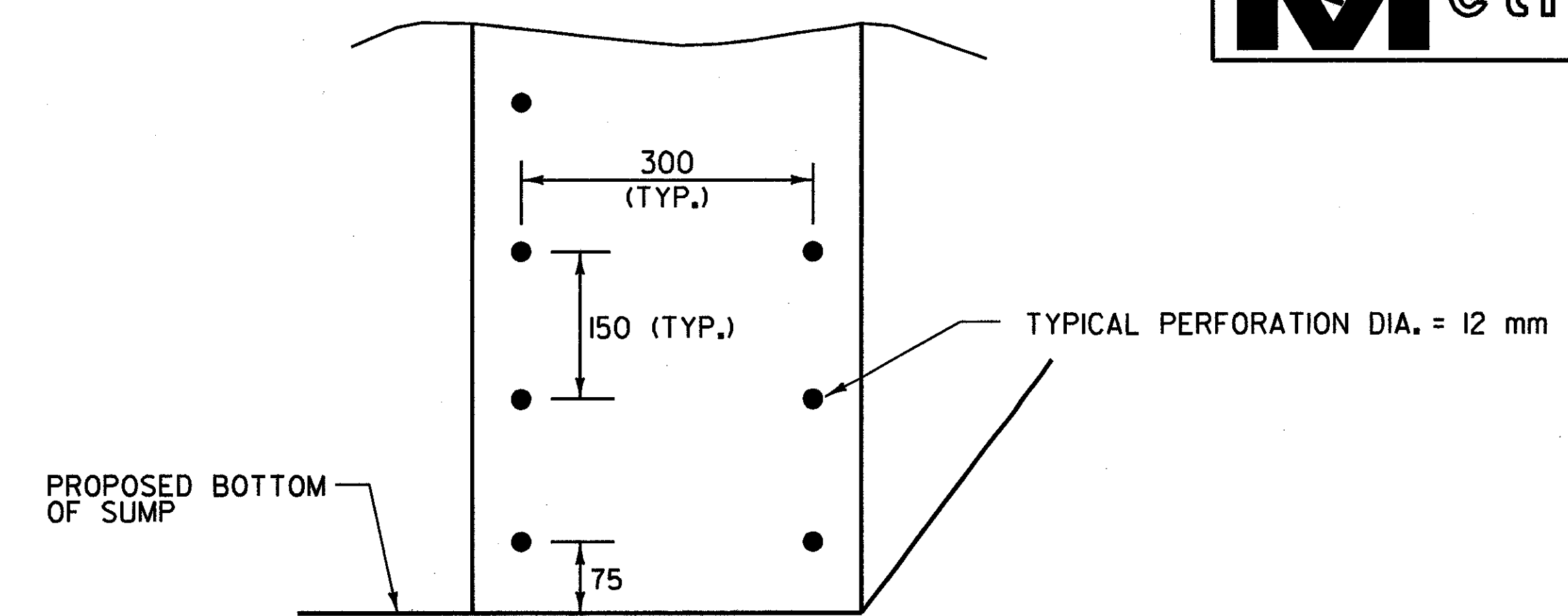
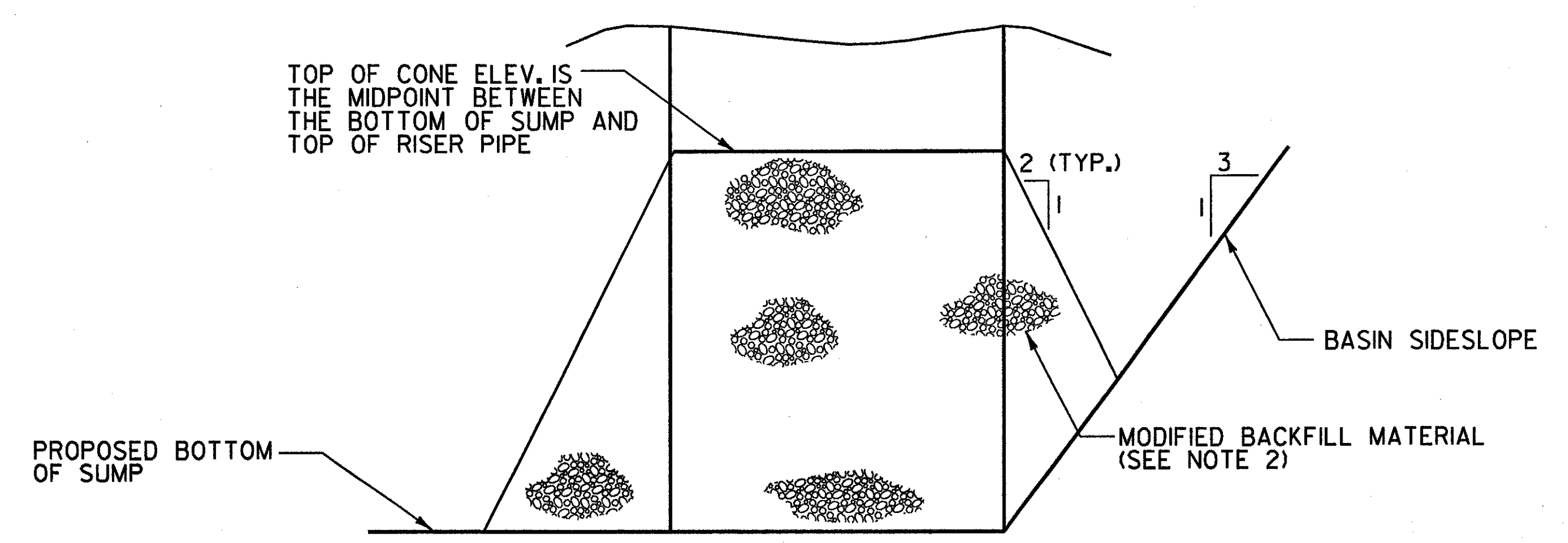


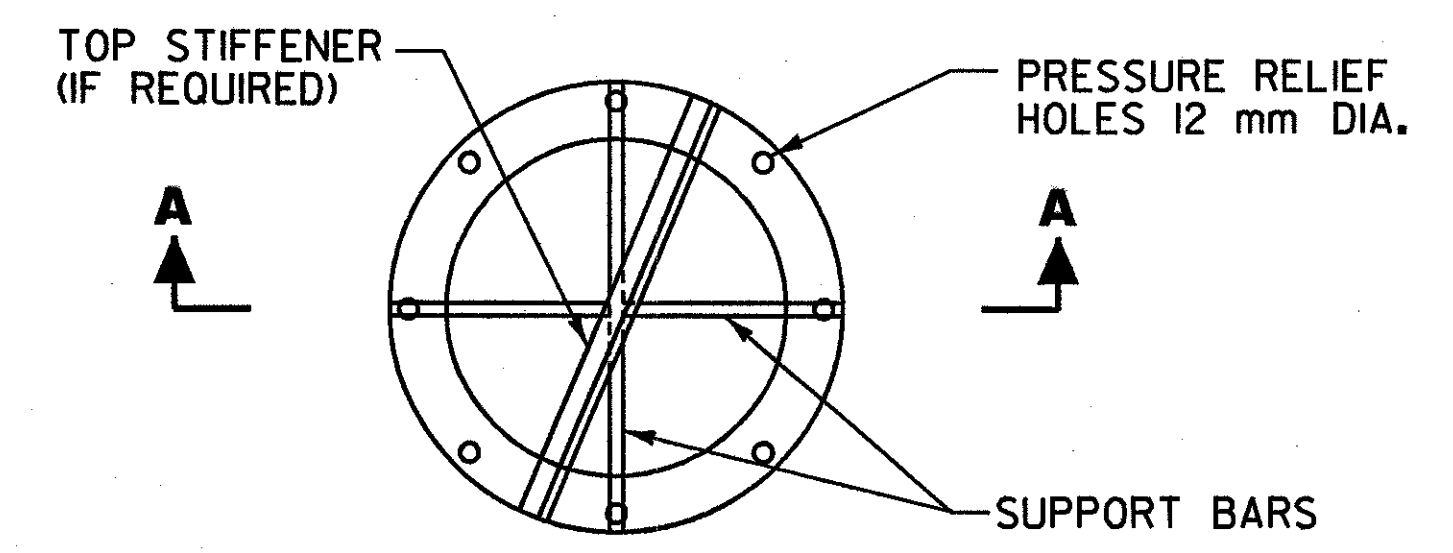
RISER PIPE ANCHOR
N.T.S.



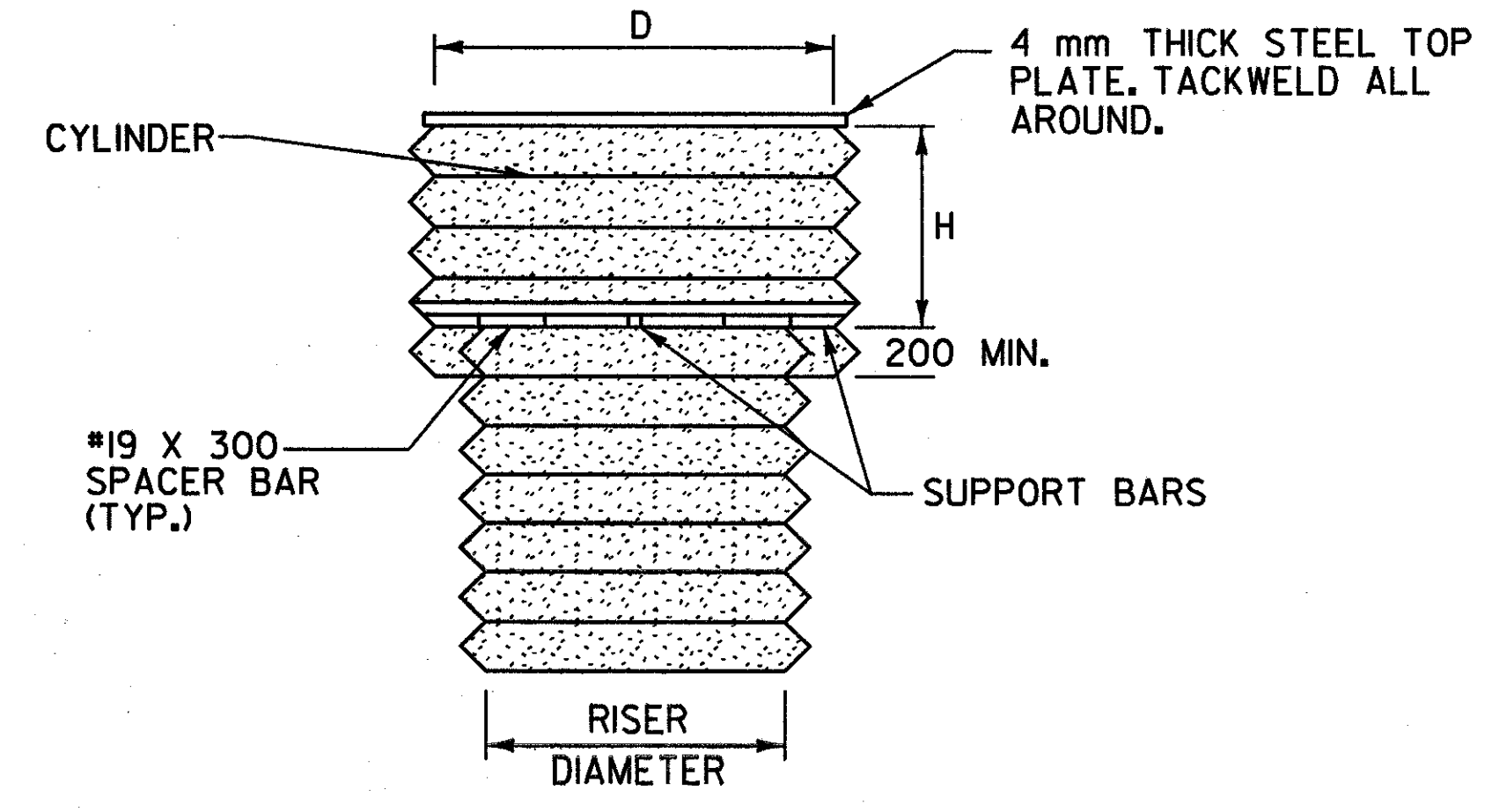
RISER PIPE PERFORATION DETAIL
N.T.S.



RISER PIPE CONE DETAIL
N.T.S.



PLAN VIEW



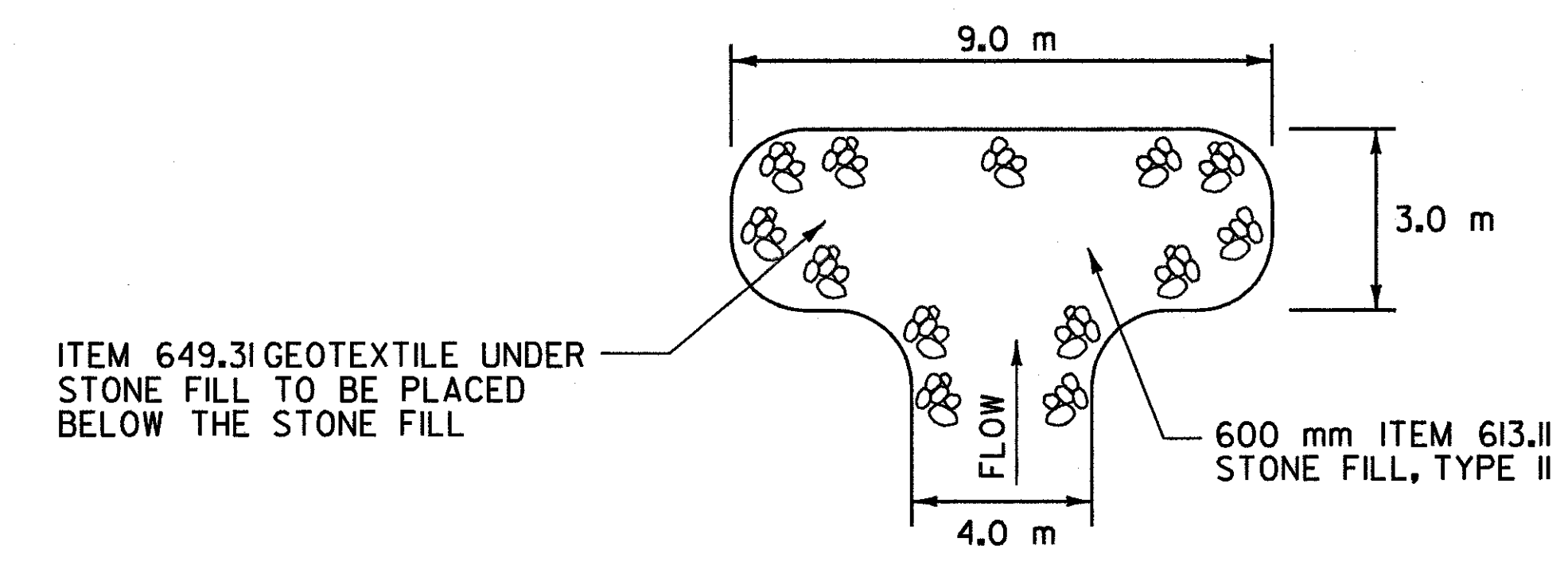
SECTION A-A
ANTI-VORTEX DEVICE
N.T.S.

- NOTES:**
1. THE CYLINDER MUST BE FIRMLY FASTENED TO THE TOP OF THE RISER.
 2. SUPPORT BARS ARE WELDED TO THE TOP OF THE RISER OR ATTACHED BY STRAPS BOLTED TO THE TOP OF RISER.
 3. TOP STIFFENER IS WELDED TO THE STEEL TOP PLATE AND ORIENTED PERPENDICULAR TO CORRUGATIONS.
 4. REFER TO THE ANTI-VORTEX DEVICE TABLE ON THIS SHEET FOR D AND H DIMENSIONS AND SUPPORT BAR SIZE.
 5. THE COST FOR PROVIDING THE STEEL TOP PLATE, SPACER BARS, SUPPORT BARS, PRESSURE RELIEF HOLES AND THE INSTALLATION OF THE ANTI-VORTEX DEVICE SHALL BE INCLUDED WITH UNIT PRICE FOR THE CYLINDER.
 6. REFER TO THE DRAINAGE DETAIL SHEETS FOR SPECIFIC QUANTITIES.

ANTI-VORTEX DEVICE TABLE

BASIN STATION	RISER DIA. (mm)	CYLINDER THICKNESS (mm)	D (mm)	H (mm)	SUPPORT BAR (mm)	TOP STIFFENER (mm)
I3+860,000 RT	1800	2.8	2550 *	900	50x50x4.8 ANGLE	64x64x6.4 ANGLE
I4+010,000 LT	600	2.1	900	330	#19 BAR	-
I4+850,000 RT	750	2.1	1350	430	#25 BAR	-

* PAYMENT FOR 2550 mm CYLINDER SHALL BE MADE UNDER ITEM 601.0542 1800 mm PCCSP 2.77 mm (75 mm x 25 mm) (MOD.)



LEVEL SPREADER DETAIL
N.T.S.

ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

EROSION CONTROL DETAILS

SURVEYED BY	C.H.A. & V.S.E.	DATE	12/93
DESIGNED BY	D.E.G.	DATE	11/01
DRAWN BY	J.S.L.	DATE	11/01
CHECKED BY	T.P.K.	DATE	11/01
DESIGN FILE NO.	5116/VAOT/VTEC.DGN		
PROJ. NAME	BENNINGTON - HOOSICK D.P.I. 0146(1) C/3		
PROJ. NO.	P.L.N. 1306.60		
DWG NO.	EC-8	SHEET	143 OF 473