



NOMINAL DIAMETER  ø (mm)	DIMENSIONS				
	D (mm)	Z (mm)	X (mm)	Y (mm)	VOL. (m³)
300	1 400	700	2 000	1 000	1,400
250	1 300	650	1 600	800	0,800
200	1 200	600	1 200	600	0,430
150	1 000	500	1 000	500	0,250
100	1 000	500	350	250	0,043
75	800	400	350	200	0,028



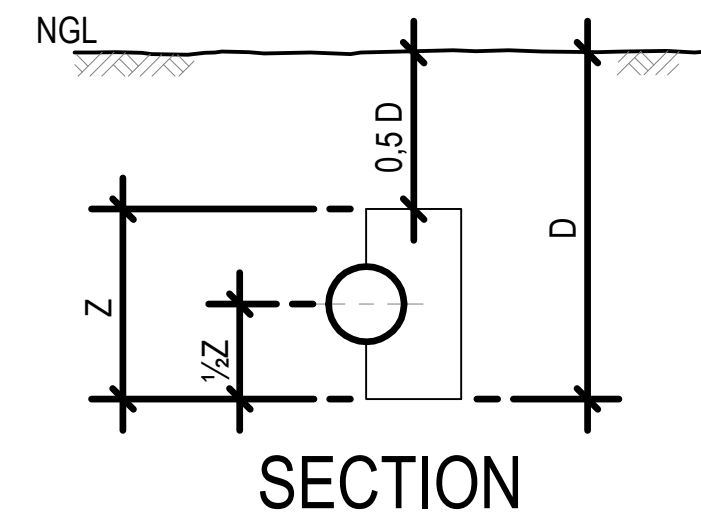
NOMINAL DIAMETER ø (mm)	DIMENSIONS				
	D (mm)	Z (mm)	X (mm)	Y (mm)	VOL. (m <sup>2</sup> )
300	1 400	700	1 000	500	0.350
250	1 300	650	760	400	0.200
200	1 200	600	600	400	0.150
150	1 000	500	500	300	0.075
100	1 000	400	300	200	0.024
75	800	300	300	200	0.018



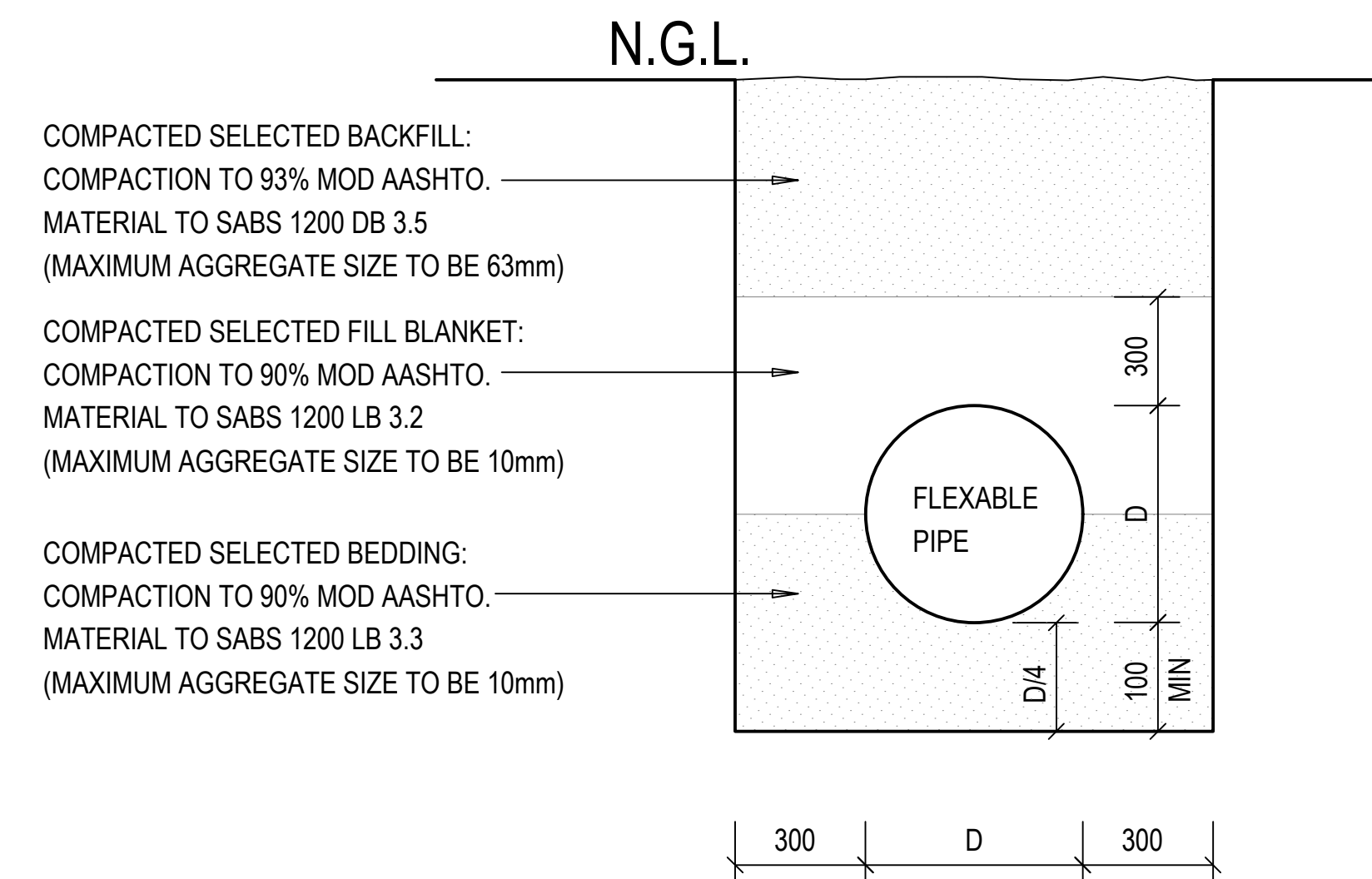
NOMINAL DIAMETER ø (mm)	DIMENSIONS				
	D (mm)	Z (mm)	X (mm)	Y (mm)	VOL. (mm <sup>3</sup> )
300	1 400	700	2 700	1 300	2,550
250	1 300	650	2 150	1 100	1,500
200	1 200	600	1 600	800	0,770
150	1 000	500	1 300	650	0,420
100	1 000	500	500	300	0,075
75	800	400	450	300	0,054



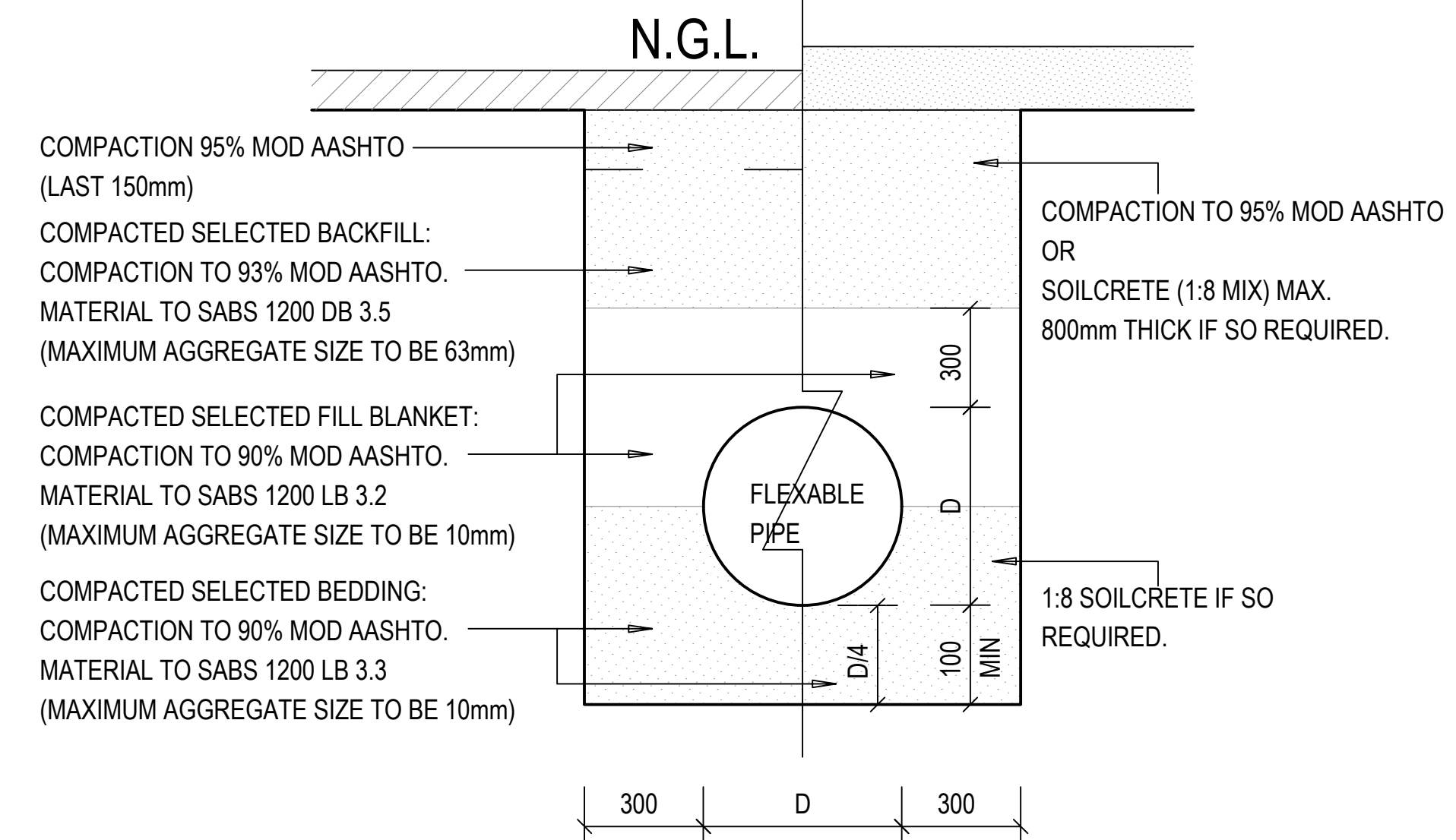
NOMINAL DIAMETER Ø (mm)	DIMENSIONS				
	D (mm)	Z (mm)	X (mm)	Y (mm)	VOL. (mm³)
300	1 400	700	2 700	1 400	5,00
250	1 300	650	2 150	1 100	3,00
200	1 200	600	1 600	800	1,54
150	1 000	500	1 300	700	0,80
100	1 000	500	500	300	0,12
75	800	400	450	300	0,08



## UNSURFACED AREAS



## PAVING AND WALKWAYS



FLEXIBLE PIPE TRENCHING, BEDDING AND BACKFILLING DETAILS  
SCALE 1:20

NOTES :

1. THIS TABLE WAS CALCULATED FOR THRUST BLOCKS IN SANDY SOILS.
2. USE 10 MPa CONCRETE.
3. HALF THE DEPTH OF THE THRUST BLOCK NEEDS TO BE BELOW THE PIPE AXIS.
4. KEEP THE CONCRETE AWAY FROM THE COUPLINGS & THE PIPE JOINTS.
5. THRUST BLOCKS FOR PIPE  $\phi$  LARGER THAN 300mm & HIGHER TEST PRESSURES THAN 18 BAR NEEDS TO BE DESIGNED BY THE ENGINEER.
6. THRUST BLOCKS AT PADDLE FLANGES NEEDS TO BE REINFORCED & DESIGNED BY THE ENGINEER.
7. IN CASE OF SOFT CLAY & SILTY SANDS, THRUST BLOCKS NEED TO BE DESIGNED BY THE ENGINEER.