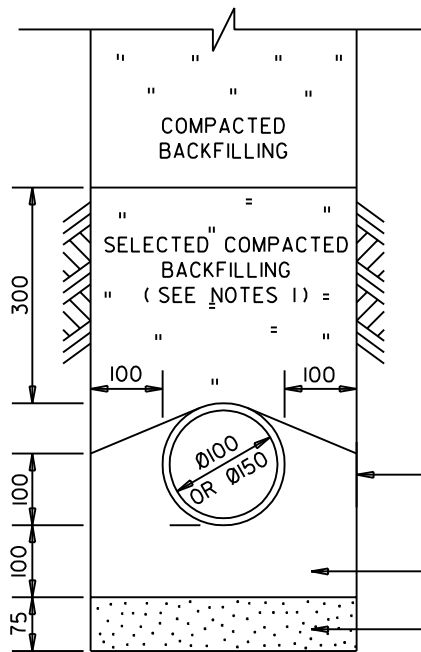


GRANULAR BACKFILL
(SEE NOTES 2)

APPROVED SAND

ON FIRM GROUND
(TYPE '1' BEDDING)

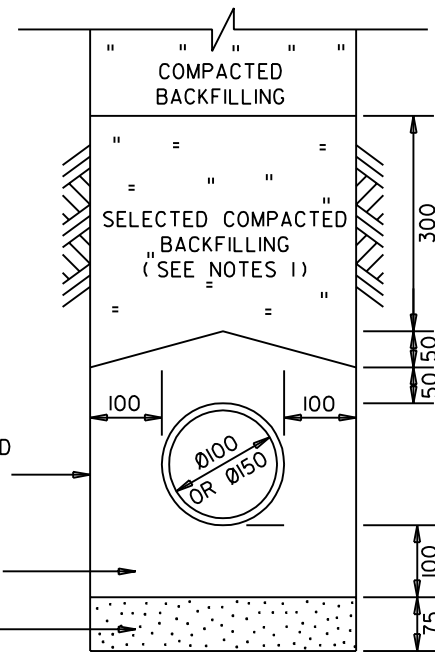


CONCRETE TO BE PLACED
AGAINST SIDES OF
EXCAVATION WHENEVER
POSSIBLE

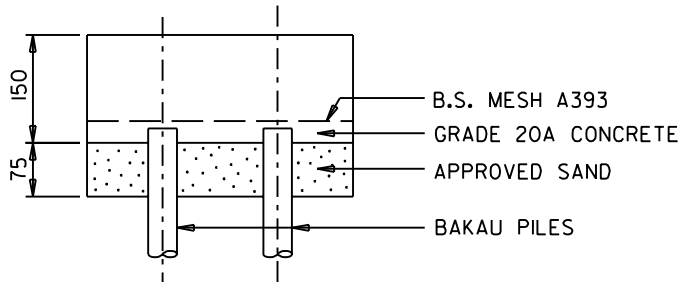
GRADE 20A CONCRETE

APPROVED SAND

ON FIRM GROUND
(TYPE '2' BEDDING)



ON FIRM GROUND
(TYPE '3' BEDDING)



ON SOFT OR YIELDING GROUND
(PILES ARE REQUIRED)

BEDDING DETAILS ON FIRM GROUND

PIPE MATERIAL	DEPTH (D) (m)	TURFED AREA		DRIVE-WAY OR CAR-PARK, ETC		BUILDING
		0.6 < D < 2.0	0.6 > D > 2.0	D < 1.4	D > 1.4	
uPVC		TYPE '2'	TYPE '3'	-	-	-
CAST IRON PIPE OR DUCTILE IRON PIPE		TYPE '1'	TYPE '2'	TYPE '2'	TYPE '2'	TYPE '3'
VITRIFIED CLAY PIPE OR REINFORCED CONCRETE PIPE		TYPE '2'	TYPE '3'	-	TYPE '3'	TYPE '3'

NOTES :

- (1) - Free from lumps / stone compacted in layers < 150mm.
- (2) - Granular material- size ranging from 3mm to 12mm or a free running coarse sand.

ALL DIMENSIONS ARE IN mm.

TYPE BEDDING FOR DRAIN - LINE