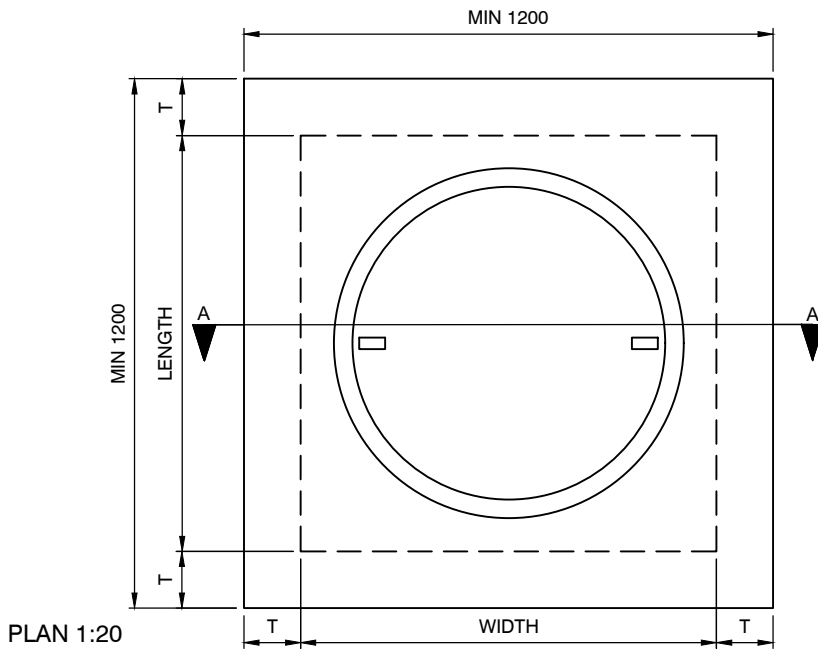


MANHOLE COVER AND FRAME



PIT LID IS A CLASS D DUCTILE IRON HINGED LID WITH A SPRING LOCKING SYSTEM THE LID SHALL BE A KORUM MANHOLE COVER (REF CDK060EFX17) OR SIMILAR PRODUCT APPROVED BY THE CITY.

PIT SPECIFICATIONS					
D	B	T	X	Y	CORNER BARS
750 - 1200	150	150	SL82	SL81	N12-300 L 500
1200 - 2100	200	180	SL81	SL81	N12-200 L 600
> 2100	TO STRUCTURAL ENGINEERS SPECIFICATION				

SECTION A-A

VARIABLE HEIGHT TO ALLOW FOR ADJUSTMENT OF MANHOLE COVER TO SUIT DESIGN SURFACE LEVELS AND GRADING. LID MAY BE RECESSED INTO THE CONVERTER SLAB AS REQUIRED. ADJUST NUMBER OF RISERS AS REQUIRED.

MANHOLE COVER AND FRAME. NOTE: PIT LID CAN BE CENTRED OR OFF-CENTRED AS REQUIRED

X CENTRALLY PLACED

200mm THICK CONVERTER SLAB

INSTALL BITUMEN SEALER BETWEEN THE SLAB & CAST IN SITU PIT CHAMBER

STEP IRONS REQUIRED @300mm SPACINGS IF DEPTH OF PIT IS GREATER THAN 1.0m AS PER STANDARD DETAIL

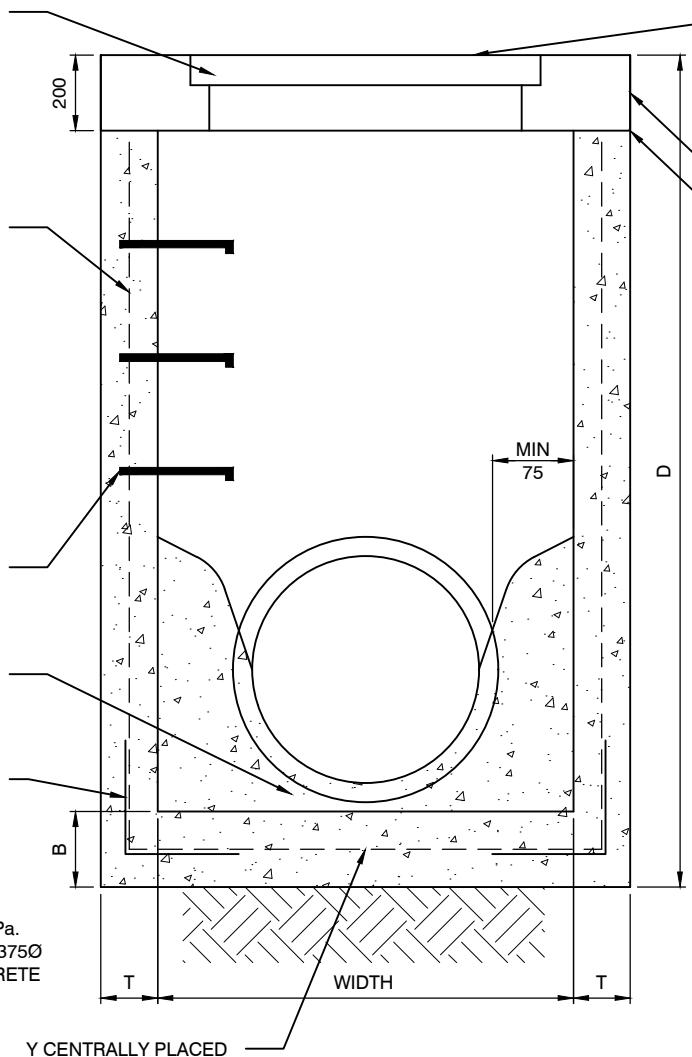
75mm MINIMUM BENCHING TO HALF PIPE HEIGHT TOTAL BENCHING TO OBVERT OF PIPE

CORNER BARS TYP

NOTE:

1. ALL CONCRETE IS TO HAVE MINIMUM STRENGTH OF 32MPa.
2. DRAINAGE PIPE TO MINIMUM 375Ø CLASS 4 REINFORCED CONCRETE PIPE

SECTION 1:20



NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

MINIMUM DIMENSIONS OF PIT (mm)		
Ø OF OUTLET ON STRAIGHT	WIDTH	LENGTH
UP TO 750	900	900
825 TO 900	1200	1200
1050	1200	1200
1200	1350	1200
1350	1500	1200
1500	1650	1200
1650	1800	1200
1800	1950	1200