



INTERNAL DIAMETER: 2400mm
DEPTH TO SOFFIT
ON INCOMING 675mm: 1307mm
DEPTH TO BENCHING: 1982mm

CHAMBER DIA	"X" MIN
1050	800
1200	950
1350	1000
1500	1050
1800	1150
2100	1300
2400	1450
2700	1550
3000	1700

7. CUT ENDS OF REINFORCED CONCRETE PIPES
Pipes shall be treated with epoxy resin paint/mortar
8. MANHOLE ACCESSES AND VARIABLE FEATURES (v.f.)
Refer to Developer Services Detail 10 (STND/19/010). Double steps shall be plastic encapsulated carbon steel. Double steps shall not be used where cover-to-soffit dimension is $>3.0m$
9. INVERT ACCESS DETAILS
Refer to Developer Services Detail 2 (STND/19/002)
10. COVER AND FRAME
150mm deep covers are to be used in category 1, 2, 3 roads.
100mm deep covers are to be used in Category 4 roads.
Double triangular covers are to be used in carriageway.
Road category to be designated by the highway authority.
Frame to be set as per specification
11. CONCRETE
All in-situ concrete to be DC-3 or FND 3
12. Minimum headroom shall be 2000. Where 2000 cannot be achieved with benching set at half pipe level then the manhole cover size shall be increased to be in accordance with BS EN 752. Refer to Developer Services Detail 4 (STND/19/004)
13. Invert level for overflow to be site specific

P07	ADDITIONAL UU COMMENTS	PC	LB	AH	15.11.24
P06	UU COMMENTS ADDRESSED	EP	PC	AH	21.10.24
P05	ADDITIONAL DETAILS ADDED	PC	LB	AH	07.10.24
P04	HYDROBRAKE UPDATED	EP	LB	AH	23.08.24
P03	UU COMMENTS ADDRESSED	PC	AH	AH	16.07.24
P02	OVERFLOW PIPE INVERT LEVEL CHANGE	PC	AH	AH	24.05.24
	FIRST ISSUE	PC	AH	AH	20.11.23
REV	DESCRIPTION	DRN	CHK	APP	DATE

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greatplaces
HOUSING GROUP

Project	
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LONGHURST ROAD

Drawing Title

DRAINAGE HYDROBRAKE DETAIL DRAWING

Drawing Status	
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	Name	Date	Status Code
Drawn	P. CLARK	20.11.23	S03
Designed	P. CLARK	20.11.23	
Eng Chk	A. HALL	20.11.23	NTS
Approved	A. HALL	20.11.23	
			Revision
			P07

Approved	For release	Excluded	Other
Drawing No.			

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