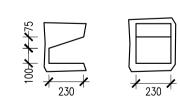


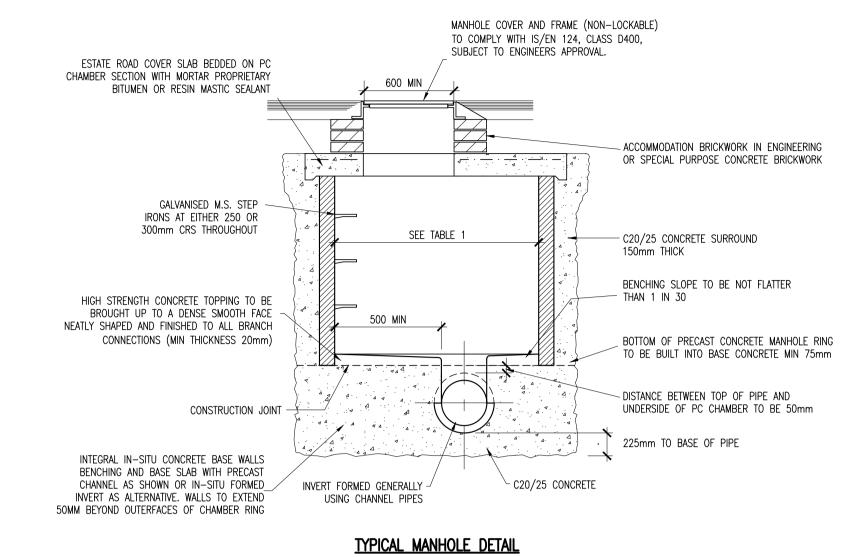
TYPICAL MANHOLE DETAIL [DEPTH TO SOFFIT 1.35 TO 3m]



DETAIL OF TOE HOLD

DIAMETER OF LARGEST PIPE IN	CHAMBER SECTION DIAMETER (mm)			
MANHOLE (mm)		DEPTH TO SOFFIT		
	1m - 3m	3m – 6m	6m – 12m	
LESS THAN 375	1050	1050	1500	
<600	1200	1200	1500	
<675	1350	1350	1500	
<750	1350	1500	1500	
<900	1500	1500	1500	
<1200	2100	2100	2100	

TABLE 1



[DEPTH TO SOFFIT 1.0 TO 1.35m]

MANHOLE COVER AND FRAME TO COMPLY WITH IS/EN 124, CLASS D400, SUBJECT TO ENGINEERS APPROVAL. ACCOMMODATION BRICKWORK IN ESTATE ROAD COVER SLAB BEDDED ON PC ENGINEERING OR SPECIAL PURPOSE CHAMBER SECTION WITH MORTAR PROPRIETARY -CONCRETE BRICKWORK BITUMEN OR RESIN MASTIC SEALANT C20/25 CONCRETE SURROUND 150mm HIGH STRENGTH CONCRETE TOPPING TO BE SEE TABLE 1 BENCHING SLOPE TO BE NOT FLATTER BROUGHT UP TO A DENSE SMOOTH FACE NEATLY -THAN 1 IN 30 SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS (MIN THICKNESS 20mm) BOTTOM OF PRECAST CONCRETE MANHOLE RING TO BE BUILT INTO BASE CONCRETE MIN 75mm . _ _ _ _] _ _ _ _ _ _ _ _ _ _ - DISTANCE BETWEEN TOP OF PIPE AND UNDERSIDE OF

PC CHAMBER TO BE 50mm

225mm TO BASE OF PIPE

C20/25 CONCRETE

TYPICAL MANHOLE DETAIL
[DEPTH TO SOFFIT LESS THAN 1.0m]

INVERT FORMED GENERALLY

USING CHANNEL PIPES

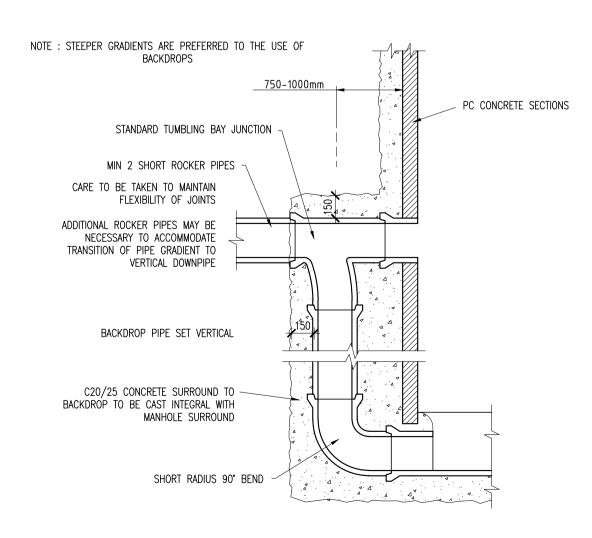
CONSTRUCTION JOINT -

INTEGRAL CONCRETE BASE WALLS BENCHING

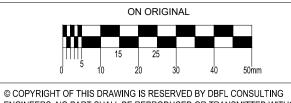
AND BASE SLAB WITH PRECAST CHANNEL AS SHOWN OR IN-SITU FORMED INVERT AS

ALTERNATIVE. WALLS TO EXTEND 50MM BEYOND

OUTERFACES OF CHAMBER RING



TYPICAL VERTICAL BACKDROP DETAIL



ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAIL SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

NOTES:

GENERAL NOTES:
1. ALL DIMENSIONS IN METERS UNLESS SPECIFIED OTHERWISE
2. DO NOT SCALE FROM DRAWING

Г	П	<u> </u>		Consulting Eng		
S2 - FOR INFORMATION		PLANNING				
client approval		C - Do not	issue purpose			
		B - Approved with comments				
		A - Approved				
rev	date	description			by	chk
P01	29/09/20	ISSUED FOR PRE-PLANNING			APW	BJN
P02	21/03/22	ISSUED FOR PLANNING			RSP	LMo

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project ref.

RESIDENTIAL DEVELOPMENT AT HACKETTSTOWN, SKERRIES, CO.

DUBLIN
drawing title
SURFACE WATER STANDARD

MANHOLE DETAILS

client

LAND DEVELOPMENT AGENCY

 designed by BJM
 author APW
 scale NTS
 sheet size A1

 drawing no.
 revision

 190170-DBFL-SW-SP-DR-C-5011
 P02