

MORTAR HAUNCHING TO  
MH COVER AND FRAME

COVER SLAB BEDDED ON  
PC CHAMBER SECTION  
WITH MORTAR,  
PROPRIETARY BITUMEN OR  
RESIN MASTIC SEALANT

CONCRETE SURROUND  
150mm ST4

HIGH STRENGTH CONCRETE TOPPING TO  
BE BROUGHT UPTO A DENSE SMOOTH  
FACE NEATLY SHAPED AND FINISHED TO  
ALL BRANCH CONNECTIONS (MINIMUM  
THICKNESS 20mm)

ST4 CONCRETE BASE

INVERTS FORMED USING CHANNEL PIPES

CLASS B ENGINEERING BRICKS  
CONCRETE BLOCKS OR  
PRECAST CONCRETE COVER  
FRAME SEATING RINGS.  
MIN 2 BRICKS, MAX 4 BRICKS

750x750mm OPENING IN  
COVER SLAB

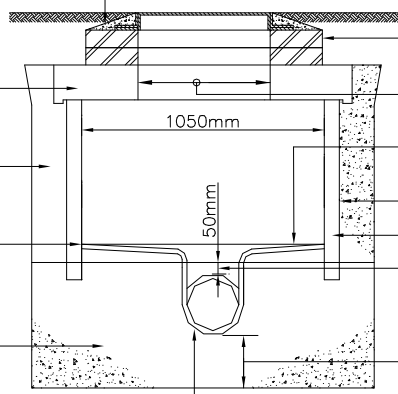
BENCHING SLOPE TO BE 1 IN  
10 TO 1 IN 30

LIFTING EYES IN CONCRETE  
RINGS TO BE POINTED

BOTTOM PRECAST CONCRETE  
RING TO BE BUILT INTO BASE  
CONCRETE MIN 75mm

DISTANCE BETWEEN TOP OF  
PIPE AND UNDERSIDE OF PC  
CHAMBER TO BE 50mm

225mm TO BARREL OF PIPE



## TYPICAL MANHOLE DETAIL TYPE F

SCALE 1:20

DRAFT



8 St. Leonards Place, York, YO1 2ET  
Telephone: 01904 613161

DRAWING TITLE TYPICAL MANHOLE DETAIL F (LESS THAN 1m DEEP)		Revision
Scale 1:20	Drawn by	Date
ORIGINATING GROUP ENGINEERS	PROJECT TITLE CYC STANDARD DETAILS	DRAWING No. STD 5.5