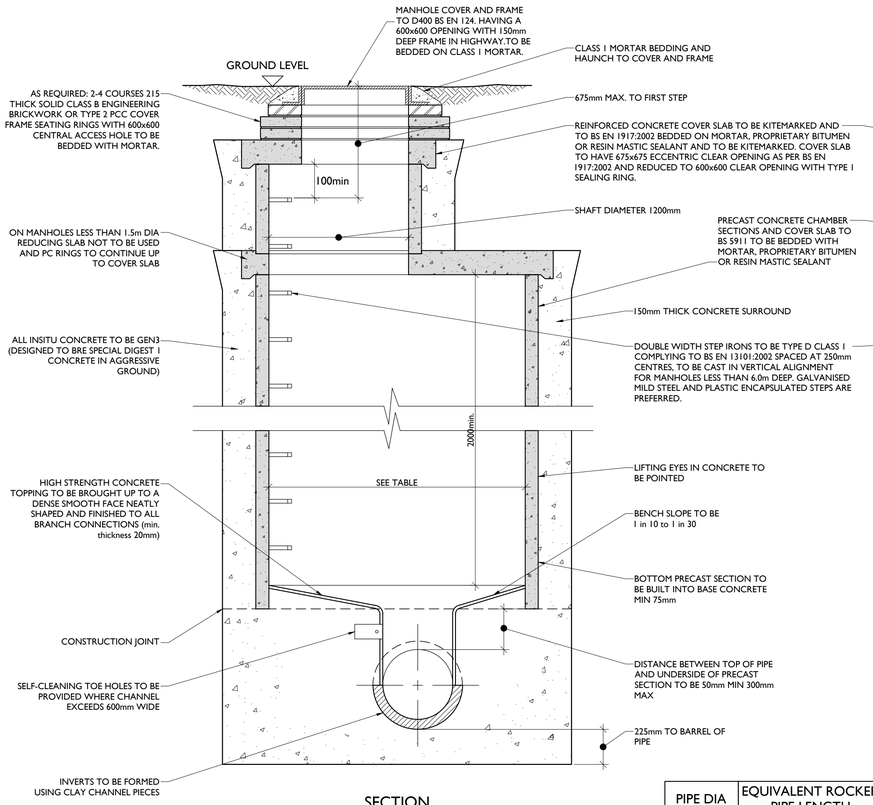
DO NOT SCALE, IF IN DOUBT ASK. DO NOT INTERROGATE CAD BASE

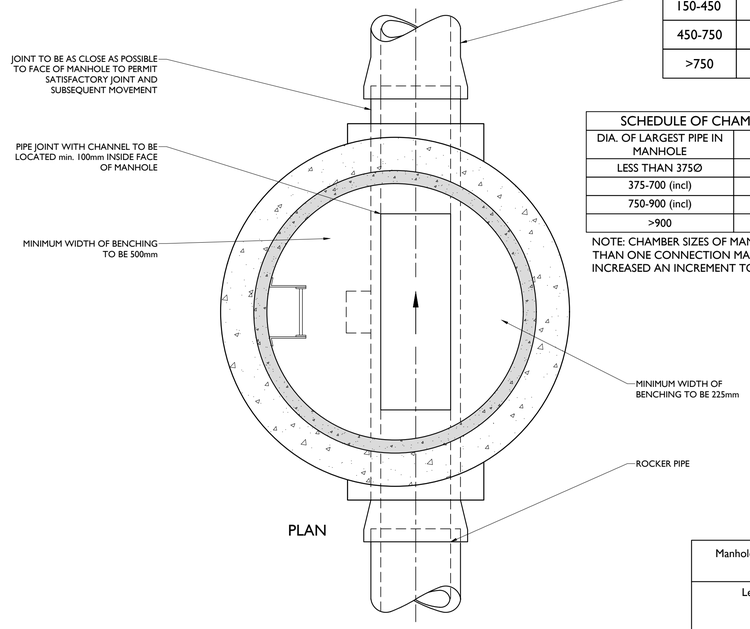


SECTION

PIPE DIA	EQUIVALENT ROCKER PIPE LENGTH
150-450	0.50-0.75
450-750	0.75-1.00
>750	SEEK GUIDANCE

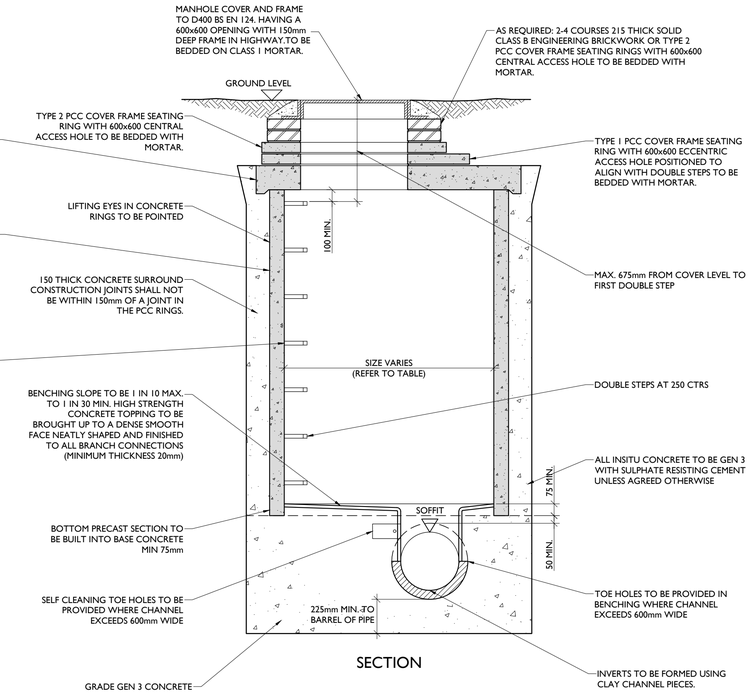
SCHEDULE OF CHAMBER DIAMETERS	
DIA. OF LARGEST PIPE IN MANHOLE	INTERNAL DIA. OF MANHIOLE
LESS THAN 375Ø	1200
375-700 (incl)	1500
750-900 (incl)	1800
>900	2100+

NOTE: CHAMBER SIZES OF MANHOLES WITH MORE THAN ONE CONNECTION MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE.

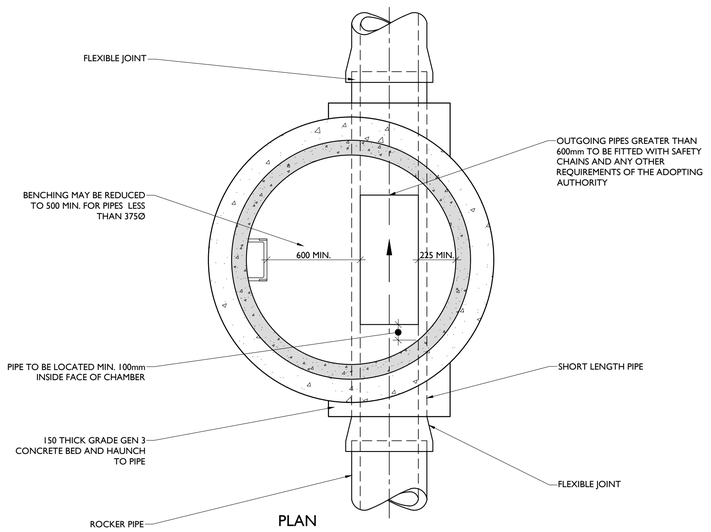


PLAN

TYPICAL MANHOLE DETAIL TYPE A
MAX DEPTH COVER TO SOFFIT 6m

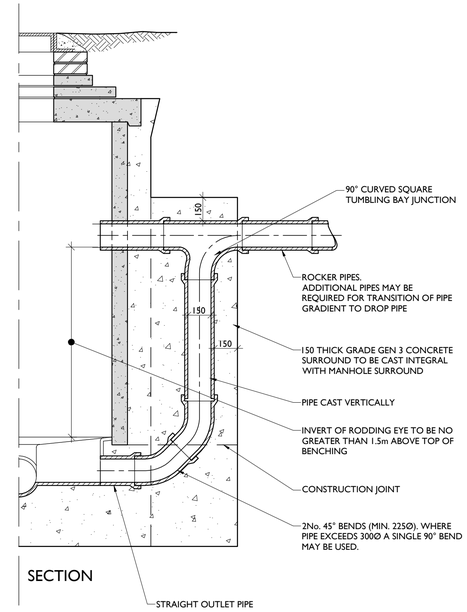


SECTION

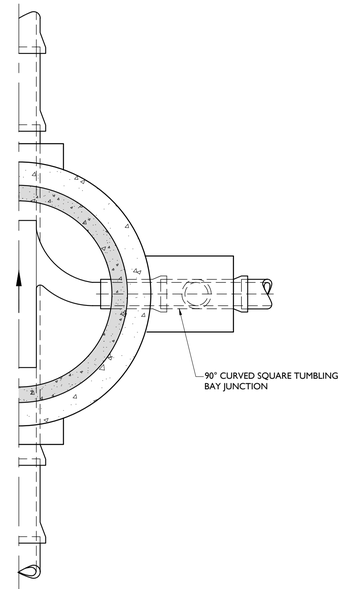


PLAN

TYPICAL MANHOLE DETAIL TYPE B
MAX. DEPTH TO SOFFIT 3000



SECTION



TYPICAL VERTICAL BACKDROP MANHOLE DETAIL
(NOTE: CONSTRUCTION DETAILS AS STANDARD PCC MANHOLE.)

Manhole Depth (To Soffit)	Diameter of largest pipe in manhole (mm)	Internal diameter of manhole (mm)	Minimum Clear opening size
Less than 1500	150	1050	750x750
	300	1200	675x675 ECCENTRIC
	450	1350	675x675 ECCENTRIC
	700	1500	675x675
	900	1800	675x675
	1000	2100	675x675
	Greater than 1000	Refer to schedules	750x675
Greater than 1500	100 - 450	1200	600x600
	Greater than 450	Larger of 1800 or (DN+775)	600x600
	Greater than 1000	Refer to schedules	600x600
Manhole Shaft Greater than 3000 to soffit of pipe	STEPS	1050	600x600
	LADDERS	1200	600x600

TABLE APPLICABLE TO MANHOLE TYPES A AND B
CHAMBER SIZES ARE MINIMUM REQUIRED. SEE LAYOUT FOR VARIATIONS, IF ANY.

NOMINAL SIZE	EFFECTIVE LENGTH (mm)
150 TO 600	600
675 TO 675	1000
825 AND ABOVE	1250

TYPE B MANHOLE DETAILS MAY BE APPLIED TO TYPE A MANHOLES FOR CHAMBER DIAMETERS LESS THAN 1500Ø UP TO 6.0m DEPTH TO SOFFIT.

SW MANHOLE SCHEDULE

MH REF	DIAMETER	MH TYPE	COVER
S1	600Ø	PPIC	B125
S2	600Ø	PPIC	B125
S3	1800Ø	TYPE B	D400
S4	1800Ø	TYPE B	D400
S5	2100Ø	FLOW CONTROL	D400
S6	1200Ø	TYPE B	D400
S7	1200Ø	TYPE B	D400
S8	600Ø	PPIC	B125
S9	1800Ø	TYPE B	D400
S9A	1800Ø	TYPE B	D400
S10	1800Ø	TYPE B	D400
S12	1800Ø	TYPE B	B125
S12A	600Ø	PPIC	B125
S13	1800Ø	TYPE B	D400
S13A	600Ø	PPIC	B125

* SEE DWG.505 FOR PPIC DETAILS

FW MANHOLE SCHEDULE

MH REF	DIAMETER	MH TYPE	COVER
F1	600Ø	PPIC	B125
F2	600Ø	PPIC	B125
F3	600Ø	PPIC	B125
F4	1200Ø	TYPE B	D400
F5	1200Ø	TYPE B	D400
F6	600Ø	PPIC	B125
F7	600Ø	PPIC	B125
F8	600Ø	PPIC	B125
F9	600Ø	PPIC	B125

CDM NOTES
1. ACCESS AND EGRESS TO THE SITE FROM BUSY ROAD.
2. POTENTIAL GROUND INSTABILITY IN DEEP EXCAVATIONS
3. NO HEAVY PLANT OR STOCK PILES PERMITTED OVER OR WITHIN 3m OF THE CONSTRUCTED TANK
4. TANKS TO BE FULLY PROTECTED FROM SILT AND DEBRIS INGRESS DURING CONSTRUCTION, AND TO BE INSPECTED AND MAINTAINED DURING OPERATION AS DETAILED ABOVE
5. TANKS NOT DESIGNED TO RESIST UPLIFT UNTIL FULLY BACKFILLED
6. EXISTING SERVICES IDENTIFIED ON SITE.
7. ADEQUATE SEGREGATION HOARDING REQUIRED TO SEPARATE PUBLIC FROM THE CONSTRUCTION SITE.
8. ADEQUATE MEASURES REQUIRED TO CONTROL NOISE, DUST, FUMES & VIBRATION.

REV.	DATE.	REVISION.	BY.	CHK.
–		FIRST ISSUE.	PH	NB
-	-	-		

Welcome Break

Proposed Drive Through Restaurants
Kates Cabin Services, Cheserton, PE7 3UJ

Manhole Construction Details

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Also at Aberdeen, Edinburgh and Glasgow.

TENDER

DATE CREATED:	Oct. '24'	SCALE:	1:20 @ A1
CONTRACT No:	DRAWING No:	REV:	
P15680	504	-	