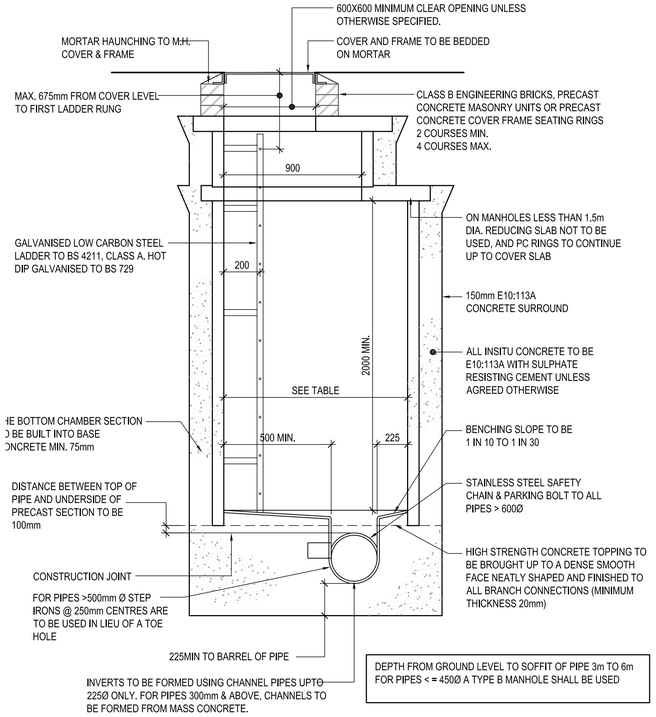
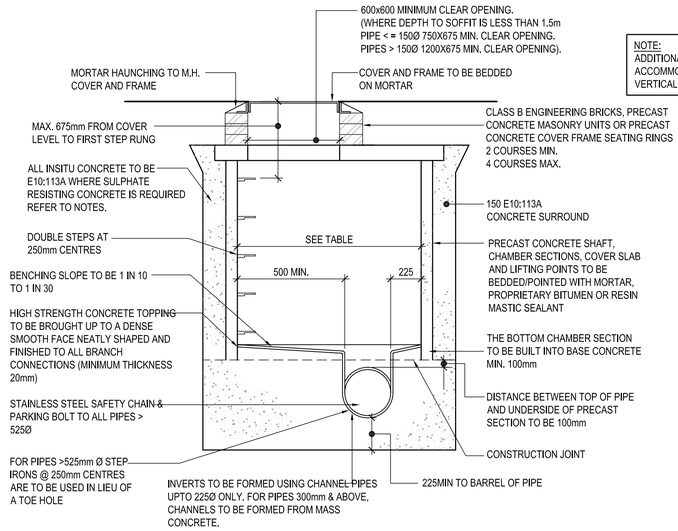


TYPICAL MANHOLE DETAIL TYPE A (SECTION)

[SCALE 1:20]

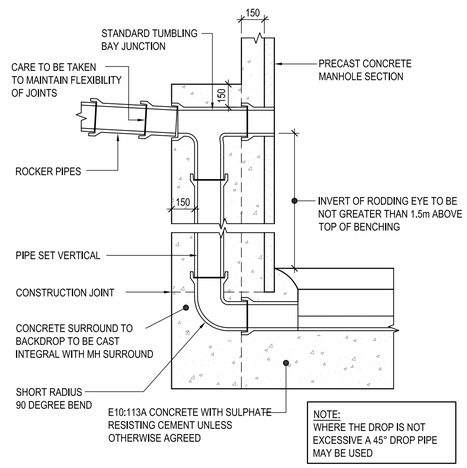


NOTE:
ADDITIONAL ROCKER PIPES MAY BE NECESSARY TO ACCOMMODATE TRANSITION OF PIPE GRADIENT TO VERTICAL DOWNPIPE

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	MIN. MANHOLE INTERNAL DIAMETER (mm)
< = 300mm (< 1.5M DEEP TO SOFFIT)	1200
> 300mm (< 1.5M DEEP TO SOFFIT)	THE LARGER OF 1800 OR (DN + 775)
< = 450mm	1200
> 450mm	THE LARGER OF 1800 OR (DN + 775)

TYPICAL MANHOLE DETAIL TYPE B (SECTION)

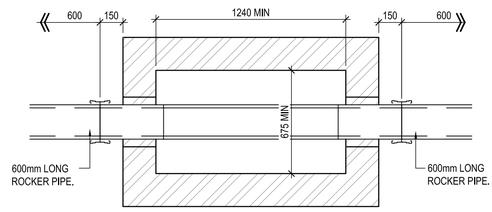
[SCALE 1:20]



NOTE:
WHERE THE DROP IS NOT EXCESSIVE A 45° DROP PIPE MAY BE USED

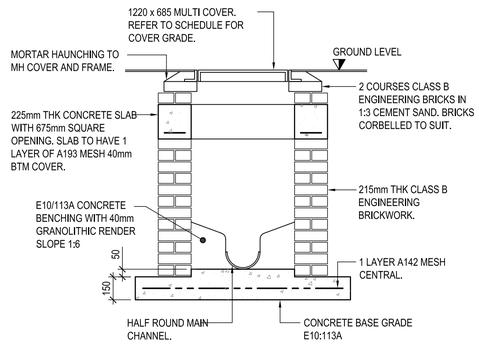
TYPICAL VERTICAL BACKDROP DETAIL

[SCALE 1:20]



FOR CLEAR INTERNAL DIMENSIONS REFER TO MANHOLE SCHEDULE.

PLAN SECTION

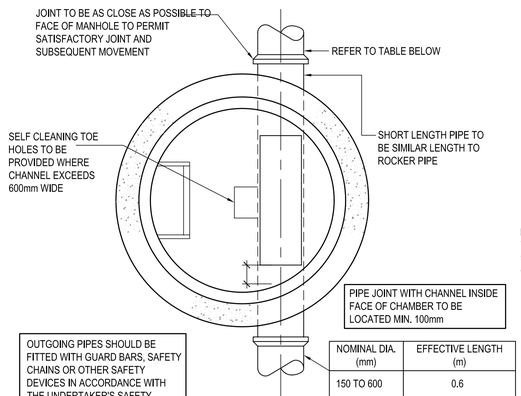


CROSS SECTION

BRICKWORK MANHOLE TYPE C DETAIL

(DEPTH TO SOFFIT UP TO 1.5m)

[SCALE 1:20]

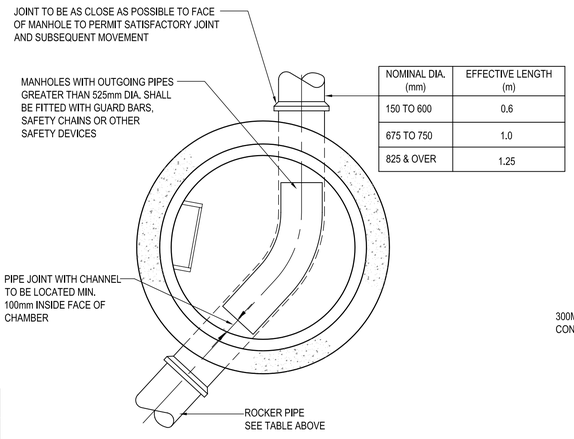


NOMINAL DIA. (mm)	EFFECTIVE LENGTH (m)
150 TO 600	0.6
675 TO 750	1.0
825 & OVER	1.25

DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3m TO 6m FOR PIPES < = 450Ø A TYPE B MANHOLE SHALL BE USED

TYPICAL MANHOLE DETAIL TYPE A (PLAN)

[SCALE 1:20]

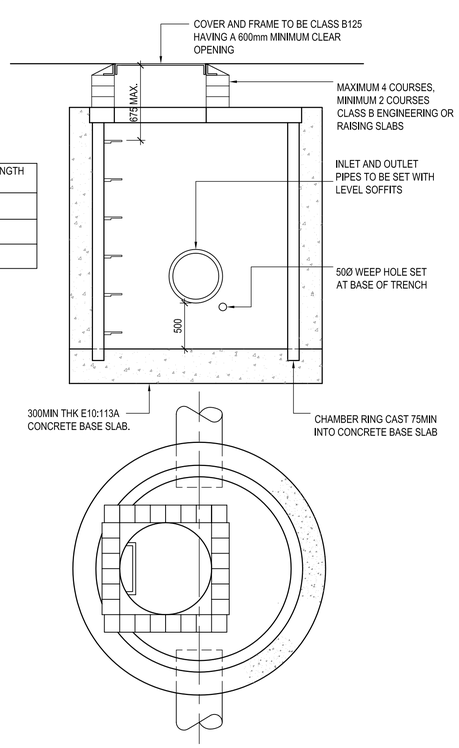


NOMINAL DIA. (mm)	EFFECTIVE LENGTH (m)
150 TO 600	0.6
675 TO 750	1.0
825 & OVER	1.25

P.C.C. CHAMBER RINGS USED FOR MANHOLES LESS THAN 1500 TO SOFFIT WITHIN HIGHWAYS FOR LOAD CLASS D 400 SHALL BE 600mm x 600mm CLEAR OPENING. ALL MAINTENANCE SHALL BE CARRIED OUT FROM THE SURFACE. NO STEP RUNGS SHALL BE PROVIDED. THE COVER OPENING SHALL BE LOCATED OVER THE OUTGOING PIPE.

TYPICAL MANHOLE DETAIL TYPE B (E/F)
DEPTH TO SOFFIT OF PIPE 1.5m *TO 3.0m

[SCALE 1:20]



TYPICAL CATCHPIT MANHOLE PLAN &SECTION

(CHAMBER CONSTRUCTION AS FOR PCC MANHOLES)

[SCALE 1:20]

GENERAL NOTES

1. DO NOT SCALE FROM THIS DRAWING WORK TO FIGURED DIMENSIONS ONLY.
2. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS ALLOWED WITHOUT PRIOR PERMISSION IN WRITING.
3. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
4. THE CONTRACTOR SHALL INCORPORATE ALL THE REQUIREMENTS OF THE PRE-TENDER STAGE HEALTH & SAFETY PLAN.

RESIDUAL RISK REGISTER -

REFER TO WML CIVIL / STRUCTURAL DESIGN RISK REGISTER IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORKS INDICATED ON THIS DRAWING. NOTE THE FOLLOWING:-

CONSTRUCTION ISSUE
17/07/14

CONSTRUCTION

Rev.	Amendment	Date	By	Chkd
P1	CONSTRUCTION ISSUE.	01.07.14	KPT	LOG

Project
LANGLEY SITE F

Client
LOVELL PARTNERSHIPS

Title
TYPICAL DRAINAGE DETAILS
SHEET 1 OF 3

Drawn	Checked	Date	Scale
KPT	LOG	JULY 2014	NTS

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Job No.	Drawing No.
5956	E04 C1