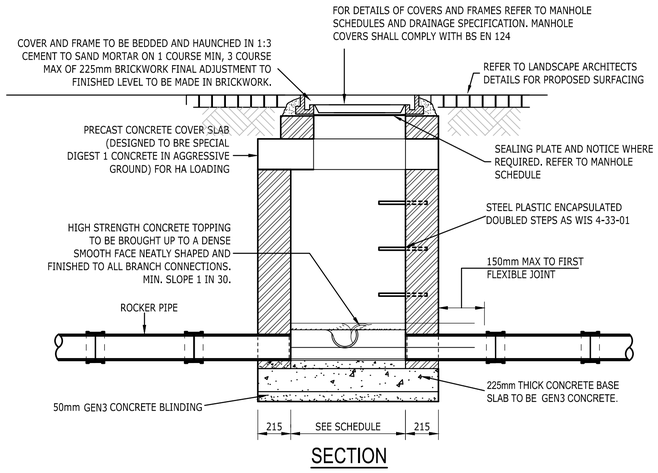
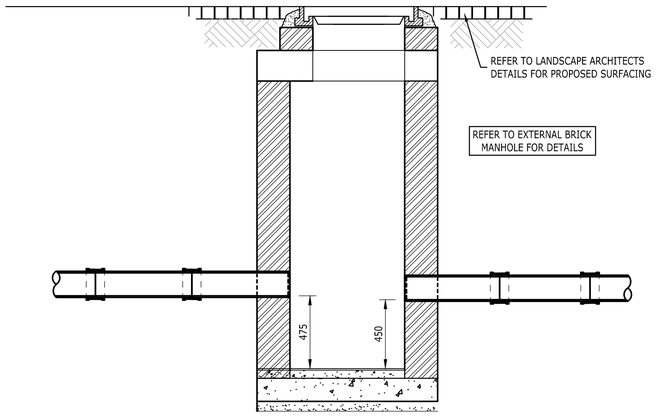
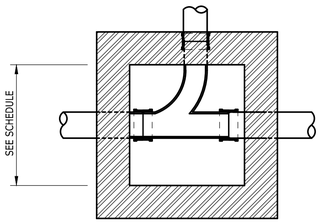


SECTION



EXTERNAL BRICK CATCHPIT DETAIL

SCALE 1:20



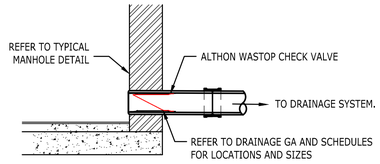
PLAN

NOTES

1. ALL MATERIALS SHALL COMPLY WITH THE SPECIFICATION.
2. BRICK TO BE ENGINEERING CLASS 'B' TO COMPLY WITH THE SPECIFICATION.
3. CEMENT MORTAR TO BE 1:3 CEMENT TO SAND MIX TO COMPLY WITH THE SPECIFICATION.
4. ALL CONCRETE TO BE DESIGNATED MIX GEN3 TO COMPLY WITH THE SPECIFICATION.
5. MAIN CHANNELS TO BE 1/2 ROUND. BRANCH CHANNELS TO BE 3/4 ROUND.
6. ROCKER PIPES TO BE:- 0.6m LONG FOR PIPES 150mm-600mmØ
7. PIPES OVER 150mm DIA TO HAVE 1 BRICK ON EDGE ARCH FORMED OVER THEM. PIPES OVER 300MM DIA TO HAVE 2 BRICKS ON EDGE ARCH FORMED OVER THEM.
8. MANHOLE COVERS SHALL BE ORIENTATED WITH COVER PARALLEL/SQUARE TO THE HIGHWAY OR BUILDING OR AS REQUIRED BY LANDSCAPE ARCHITECT TO SUIT PAVING PATTERN.

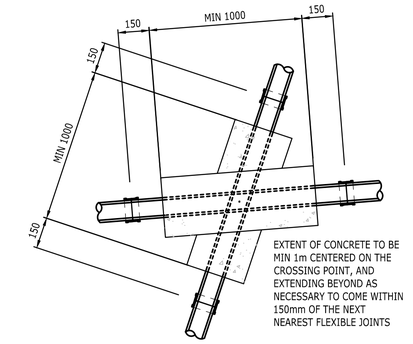
EXTERNAL BRICK MANHOLE DETAIL

SCALE 1:20



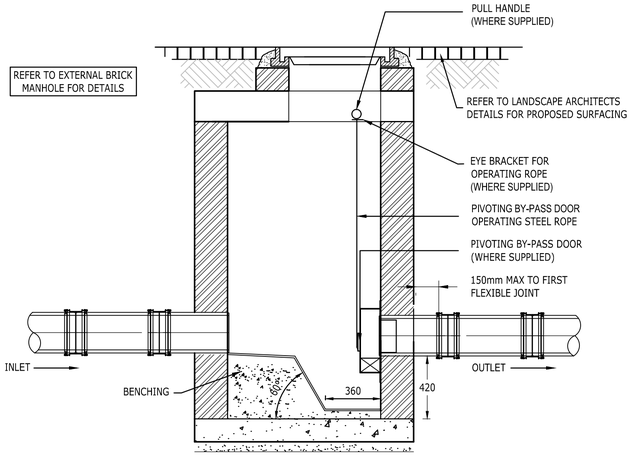
NON-RETURN VALVE DETAIL

SCALE 1:20



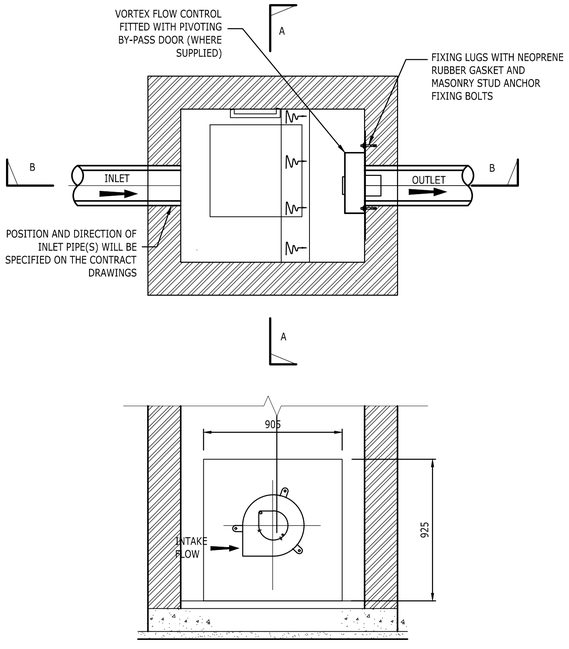
PIPE CROSSING WITH LESS THAN 300mm SEPARATION (PLAN)

NOT TO SCALE

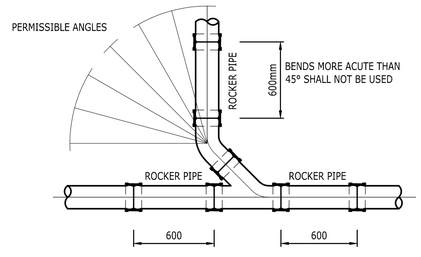


FLOW CONTROL UNIT

SCALE 1:20



SECTION A-A



OBLIQUE JUNCTION ARRANGEMENT

NOT TO SCALE

Scale Bars to be used as guidance only - refer to sheet size below

1:100	mm	1000		3000		5000		7000
1:200	mm		2000		4000		6000	8000
1:500	M	5		15		25		35
1:1250	M	10		30	50		70	90

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE MILLIMETERS U.N.O
3. ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM U.N.O
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT AND ENGINEERS DRAWINGS AND SPECIFICATIONS

Lendlease
Document Review
Lendlease document received on:
1. Accepted
2. Accepted with comments
3. Rejected

LendLease Checked by Steve Bloxham
Date: 01/08/2019

Accepted documents are completed to conform to the design intent only. Lendlease does not check dimensions, details, size or weights; nor does it relieve the designer from responsibilities for errors, omissions and/or compliance with obligations and/or responsibilities of the contract.

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
P03	19/07/2019	LS	SG	STAGE 4 ISSUE NO CHANGES TO DRAWING
P02	30/04/2019	LS	SG	PLANNING/LBC APPLICATION & STAGE 3+ ISSUE
P01	18/04/2019	LS	SG	DRAFT PLANNING/LBC APPLICATION

OUR TOWN HALL PROJECT

RAMBOLL
www.ramboll.co.uk

Arkwright House, Parsonage, Manchester, M3 2LF
+44 (0) 161 827 1890
www.Ramboll.com

PROJECT STATUS	STAGE 4
CLIENT	MANCHESTER CITY COUNCIL
PROJECT	OUR TOWN HALL PROJECT
DRAWING TITLE	ENABLING WORKS DETAILS SHEET 1
SIZE & SCALE	A1: AS SHOWN
DRAWING STATUS	D2 - FOR TENDER
JOB NUMBER	1620003165
DRAWING NO.	OTH-RAM-TH-XX-DWG-C-5400
REV	P03