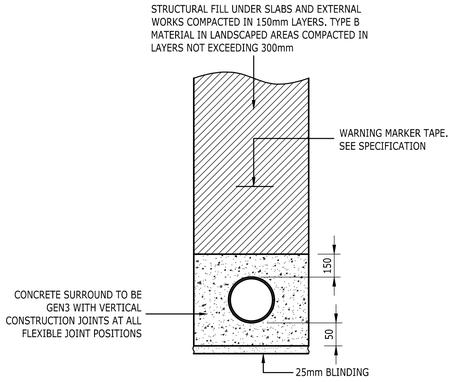
1. ALL MATERIALS SHALL COMPLY WITH THE SPECIFICATION
2. TYPE A BEDDING MATERIAL TO BE:-

NOMINAL BORE OF PIPE (mm)	SIZE (mm) SINGLE SIZED	GRADED
100-150	10-15	-
225-300	10, 14 OR 20	14 TO 5 OR 20 TO 5
375-500	14 OR 20	14 TO 5 OR 20 TO 5
OVER 500	10, 20 OR 40	14 TO 5, 20 TO 5, 40 TO 5

3. TRENCH WIDTHS TO BE:-

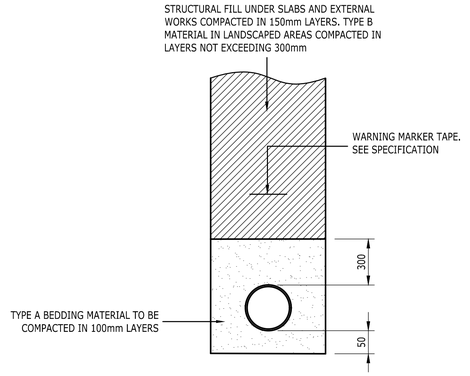
NOMINAL BORE OF PIPE (mm)	NOMINAL TRENCH WIDTH (METRES)
100	0.55
150	0.60
225	0.70
300	0.75
375	1.05
450	1.15
600	1.20

4. UNLESS AGREED OTHERWISE STRUCTURAL FILL UP TO FORMATION TO BE MOT TYPE 1
6. TYPE B FILL SHALL BE SELECTED OF READILY COMPACTABLE MATERIAL, FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING RUBBISH, FROZEN SOIL, CLAY LUMPS OR OTHER MATTER WHICH WOULD BE RETAINED ON A 75mm SIEVE AND STONES WHICH WOULD BE RETAINED ON A 25mm SIEVE



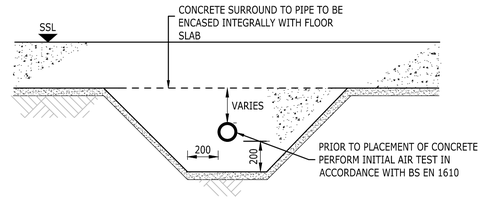
CLASS Z

TO BE USED WHERE DEPTH OF COVER TO PIPE IS LESS THAN 1200mm



CLASS S

TO BE USED WHERE DEPTH OF COVER TO PIPE IS GREATER THAN 1200mm

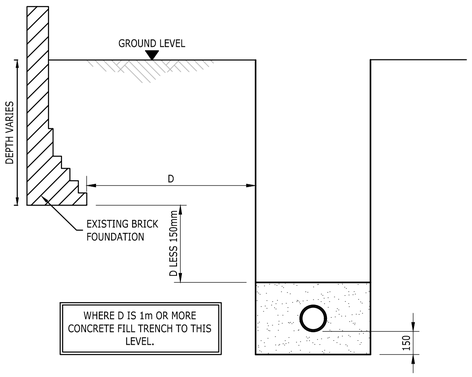


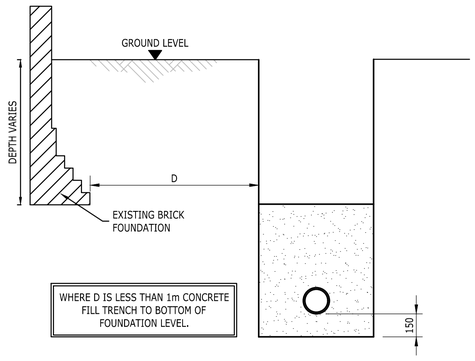
CLASS Y

(IN NEW GROUND BEARING LEVEL 00 SLAB)

PIPE BEDDING DETAILS

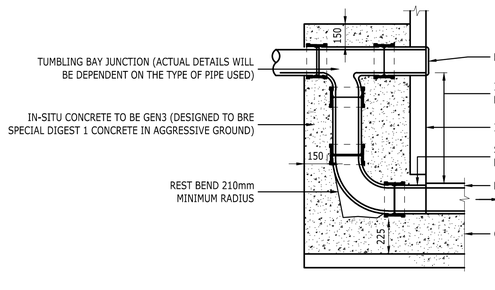
SCALE 1:20





PIPE RUNS NEAR TO BUILDINGS

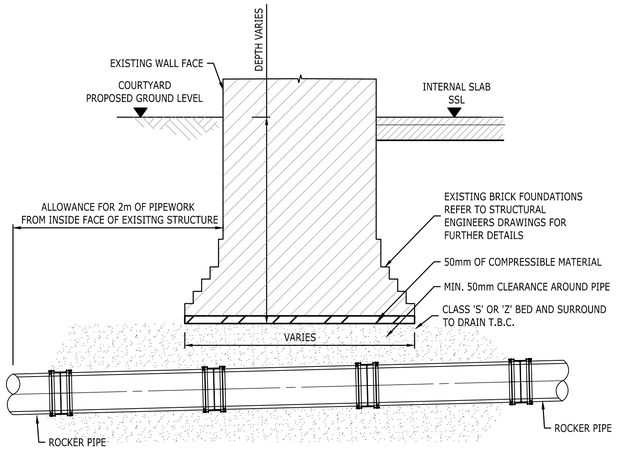
SCALE 1:20



TYPICAL VERTICAL BACKDROP DETAIL

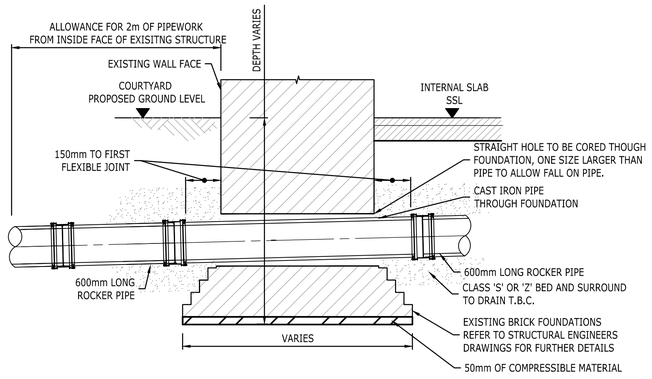
NOTE: STEEPER GRADIENTS ARE PREFERRED TO THE USE OF BACKDROPS. TYPE OF BACKDROP TO BE USED TO BE AGREED WITH UNDERTAKER.

SCALE 1:20



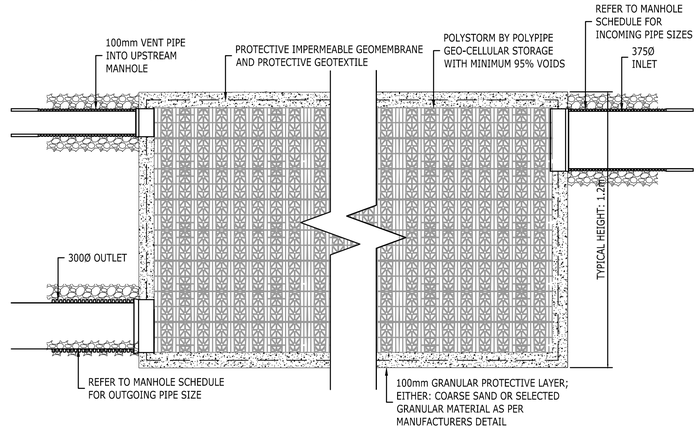
DRAIN PASSING UNDER EXISTING FOUNDATION

SCALE 1:20



DRAIN PASSING THROUGH EXISTING FOUNDATION DETAIL

SCALE 1:20



TYPICAL ATTENUATION TANK SECTION

SCALE 1:20

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

1:100	mm	1000	3000	5000	7000	9000
1:200	mm	2000	4000	6000	8000	10000
1:500	M	5	15	25	35	
1:250	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

Lendlease review is considered to conform to the design intent, but does not mean acceptance of 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
P04	19/07/2019	LS	SG	STAGE 4 ISSUE NO CHANGES TO DRAWING
P03	08/05/2019	LS	SG	PLANNING/LBC APPLICATION & STAGE 3+ ISSUE
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

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PROJECT STATUS	STAGE 4
CLIENT	MANCHESTER CITY COUNCIL
PROJECT	OUR TOWN HALL PROJECT
DRAWING TITLE	ENABLING WORKS DETAILS SHEET 2
SIZE & SCALE	A1: AS SHOWN
DRAWING STATUS	D2 - FOR TENDER
JOB NUMBER	1620003165
DRAWING NO.	OTH-RAM-TH-XX-DWG-C-5401
REV	P04