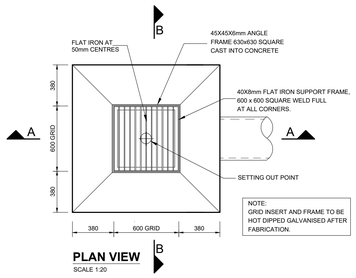
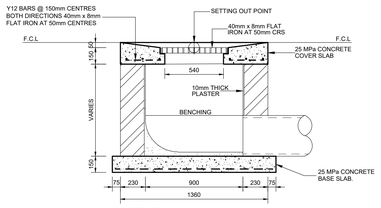
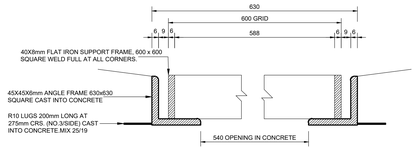


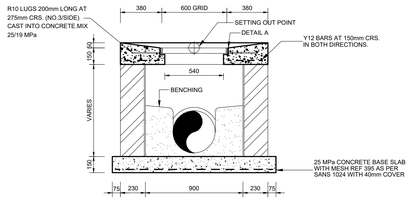
PLAN VIEW
SCALE 1:20



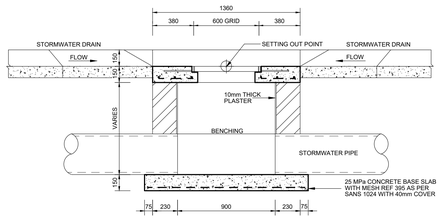
SECTION A-A
SCALE 1:20



DETAIL A
SCALE 1:20

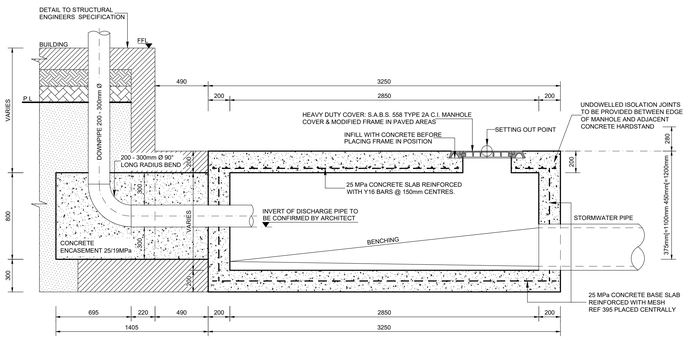


SECTION B-B
SCALE 1:20

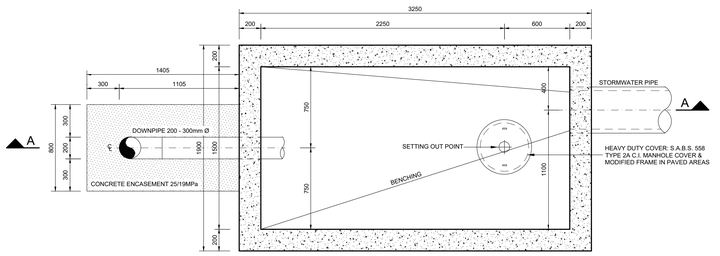


SECTION C-C
SCALE 1:20

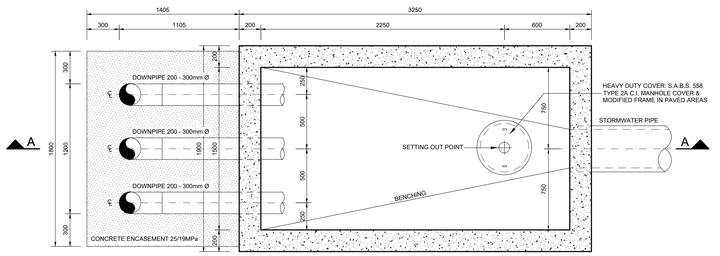
TYPICAL GRID INLET DETAIL
(AT LOW POINTS)



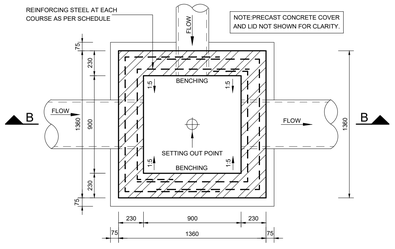
SECTION A-A
SCALE 1:20



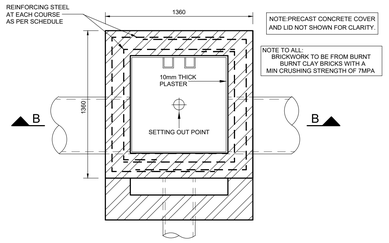
PLAN STORMWATER RELAX TANK (AT BUILDING CORNERS)
SCALE 1:20



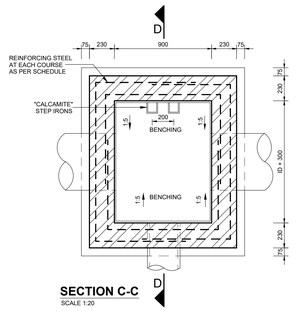
PLAN STORMWATER RELAX TANK (ELSEWHERE - MIDDLE/CENTRE TO GRID)
SCALE 1:20



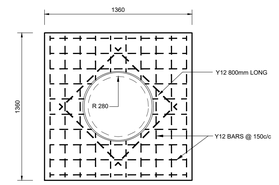
PLAN - MANHOLE TYPE A (PIPES UP TO 600 DIA)
SCALE 1:20



PLAN - MANHOLE TYPE B (PIPES > 600 DIA)
SCALE 1:20



SECTION C-C
SCALE 1:20



MANHOLE COVER SLAB
SCALE 1:20

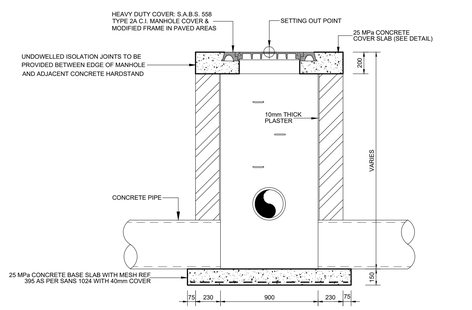
NOTES:
1. "CALCAMITE" STEP IRONS TO BE PROVIDED IN MANHOLES > 1,0m DEEP

2. STEP IRONS TO BE SPACED AT 300mm CRS VERTICALLY AND STAGGERED AT 200mm CRS HORIZONTALLY. STARTING 500mm BELOW COVER LEVEL.

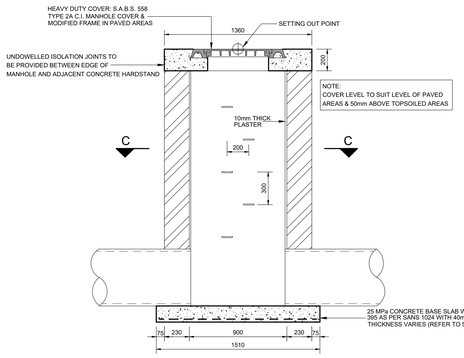
3. BITU-JOINT OR SIMILAR BITUMEN COMPOUND TO BE USED AS A JOINT SEALANT BETWEEN MANHOLE RINGS.

4. BENCHING TO BE FINISHED WITH MIN. 20mm THICK 1 : 3 CEMENT MORTAR

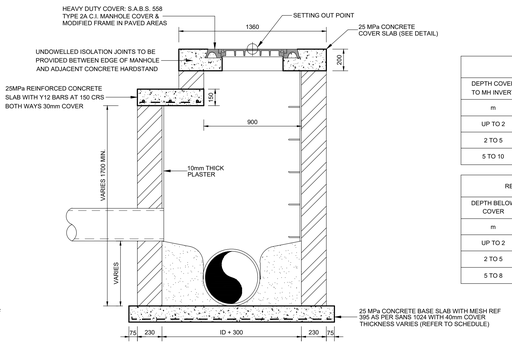
5. COUPLINGS TO BE PROVIDED IMMEDIATELY OUTSIDE MANHOLE ON EACH BRANCH AND OUTLET.



SECTION A-A
SCALE 1:20



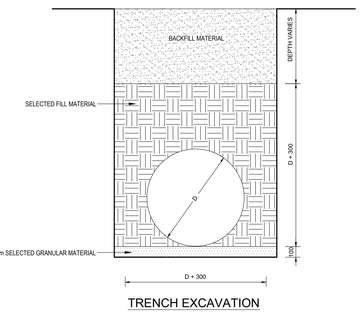
SECTION B-B
SCALE 1:20



SECTION D-D
SCALE 1:20

CHAMBER SCHEDULE		
DEPTH COVER TO MH INVERT	BRICKWORK THICKNESS	BASE SLAB THICKNESS
m	mm	mm
UP TO 2	230	150
2 TO 5	345	200
5 TO 10	575	300

REINFORCEMENT SCHEDULE		
DEPTH BELOW COVER	REINFORCING STEEL AT EACH COURSE	
m	No.	mm[
UP TO 2	2	Y6
2 TO 5	2	Y6
5 TO 8	2	Y8



TRENCH EXCAVATION
SCALE : N.T.S.

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No	Date	Revision Description	By

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DESIGNATION:

DATE :

Project

Drawing Title

STORMWATER
GENERAL DETAILS 1 OF 3

Date	Drawn	Author
01.05.2019		
Scale AS SHOWN	Checked	Checker

Approved

Name: Approver — Reg No: PrArch5559

Signature: — Date:

Practice: Osmond Lange Architects and Planners

Workstage

FOR INFORMATION

Drawing Number: 33722- HS1 -DET-2 — Revision

2019/05/06 12:02:01 PM