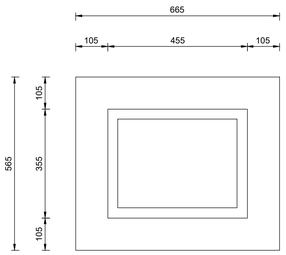
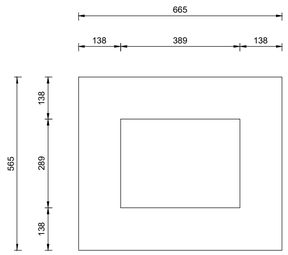


PLAN OF SEGMENT 1

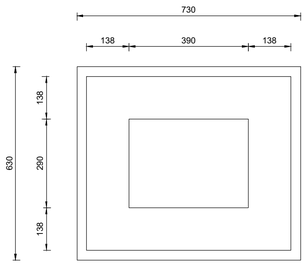
(200mm DEEP)



PLAN OF SEGMENT 2 & 3

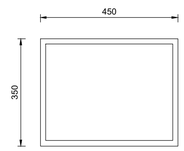
(SEGMENT 2 = 200mm DEEP)

(SEGMENT 3 = 100mm DEEP)



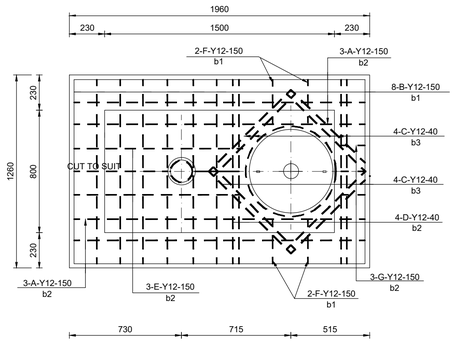
PLAN OF SEGMENT 4

(100mm DEEP)



PLAN OF LID

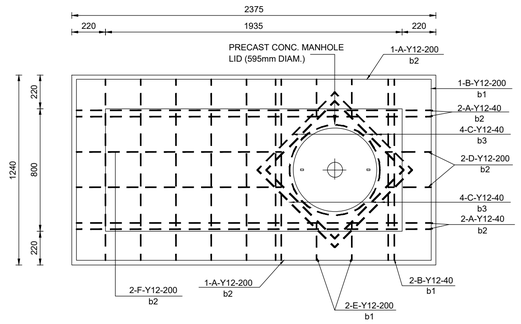
(85mm DEEP)



MEMBER NUMBER	BAR MARK	SIZE	NO OF BARS	LENGTH mm	BEND
1	A	Y12	6	1900	STR
1	B	Y12	8	1200	STR
1	C	Y12	8	755	STR
1	D	Y12	4	1200	STR
1	E	Y12	3	1080	STR
1	F	Y12	4	280	STR
1	G	Y12	3	160	STR

PLAN (TYPE A) - WATER METER CHAMBER COVER SLAB

SCALE 1:20

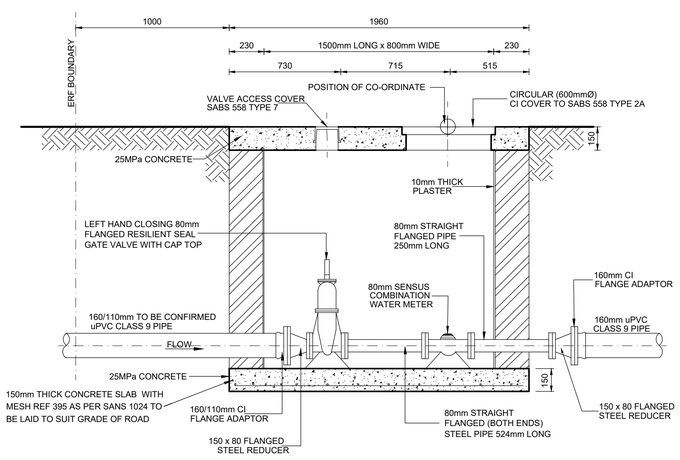


MEMBER NUMBER	BAR MARK	SIZE	NO OF BARS	LENGTH mm	BEND
1	A	Y12	6	2315	STR
1	B	Y12	9	1180	STR
1	C	Y12	8	670	STR
1	D	Y12	4	300	STR
1	E	Y12	4	260	STR
1	F	Y12	2	1340	STR

PLAN (TYPE B) - WATER METER CHAMBER COVER SLAB

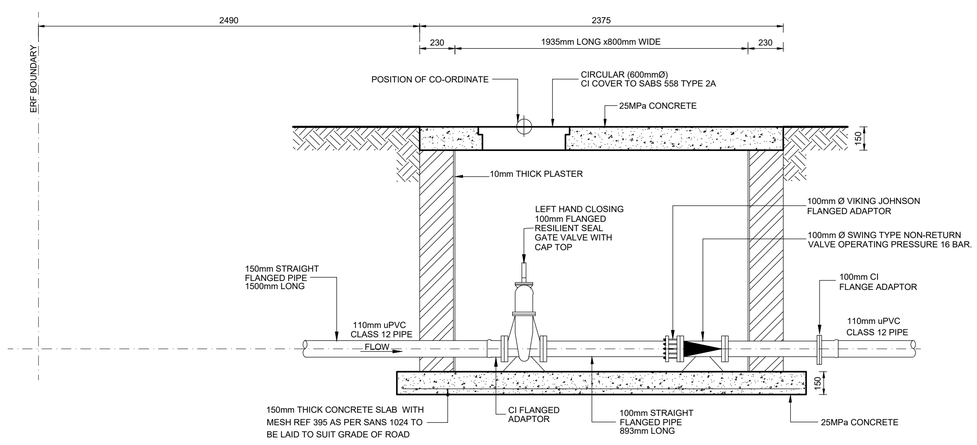
SCALE 1:20

NOTES:
1. ALL STEEL FITTINGS TO BE FUSION BONDED EPOXY COATED.
2. ALL INTERNAL FACES OF BRICKWORK TO BE PLASTERED 10mm THICK.
3. BASE SLAB TO BE REINFORCED WITH Y12 BARS @ 150 CENTRES EACH WAY.
4. MIN COVER TO REINFORCING TO BE 30mm.



SECTION: TYPE A
WATER METER CHAMBER FOR 160/ 110mm Ø DOMESTIC SUPPLY MAIN

SCALE 1:20



SECTION: TYPE B
WATER METER CHAMBER FOR 160mm Ø FIRE HYDRANT SUPPLY MAIN

SCALE 1:20

CHAMBER SCHEDULE

DEPTH BELOW COVER	BRICKWORK THICKNESS	REINFORCING STEEL AT EACH COURSE		BASE SLAB THICKNESS
m	mm	No.	mm	mm
UP TO 2	230	2	Y6	150
2 TO 5	345	2	Y6	200
5 TO 8	575	2	Y8	300

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1. ALL STRUCTURAL, ELECTRICAL, CIVIL AND LANDSCAPING QUERIES ARE TO BE REFERRED TO THE RELEVANT CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS.
2. ALL PLUMBING QUERIES ARE TO BE REFERRED TO THE RELEVANT SPECIALIST CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS
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4. ALL EXTERNAL / INTERNAL WALLS REQUIRING BRACING / STIFFENING TO BE CONSTRUCTED IN ACCORDANCE WITH PR. STRUCTURAL ENGINEER'S DRAWINGS, SPECIFICATIONS AND DETAILS.
5. ALL SPECIFICATIONS WITH REGARD TO FIRE REGULATIONS, TO BE REFERRED TO CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS.
6. ALL DESIGN AND CONSTRUCTION TO COMPLY WITH THE RELEVANT SANS REGULATIONS.
7. ANY DISCREPANCY IN THE DRAWINGS, DIMENSIONS & SPECIFICATIONS TO BE BROUGHT TO THE ATTENTION OF THE CONSULTANT AND ARCHITECT PRIOR TO ANY WORK BEING PUT IN HAND.
8. ONLY FIGURED DIMENSIONS TO BE FOLLOWED - SCALED DIMENSIONS OF DRAWINGS WILL NOT BE PERMITTED

No	Date	Revision Description	By

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Project

Drawing Title
WATER, FIRE & DOMESTIC SUPPLY DETAILS

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- GW1 -DET-5

Revision

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