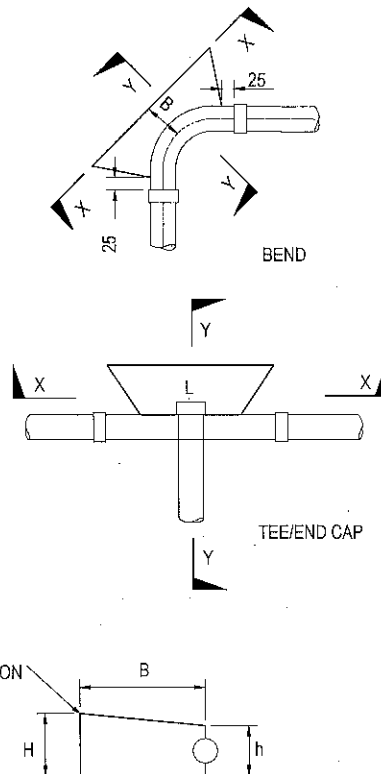


DIMENSIONS FOR THRUST BLOCKS FOR UPVC PIPES UP TO CLASS 10					
FITTING	PIPE DIA.	L	H	B	h
11 1/4° BEND	50	200	200	300	150
	63	200	200	300	175
	75	200	200	300	175
	90	250	200	300	200
	110	300	250	300	225
	125	300	300	300	250
22 1/2° BEND	50	200	200	300	150
	63	250	200	300	175
	75	300	250	300	175
	90	350	300	300	200
	110	500	300	300	225
	125	500	350	300	250
45° BEND	50	300	200	300	150
	63	350	300	300	175
	75	500	300	300	175
	90	600	350	300	200
	110	750	400	300	225
	125	750	500	300	250
90° BEND	50	350	300	300	150
	63	600	300	300	175
	75	650	400	300	175
	90	900	400	300	200
	110	1100	500	300	225
	125	1100	600	300	250

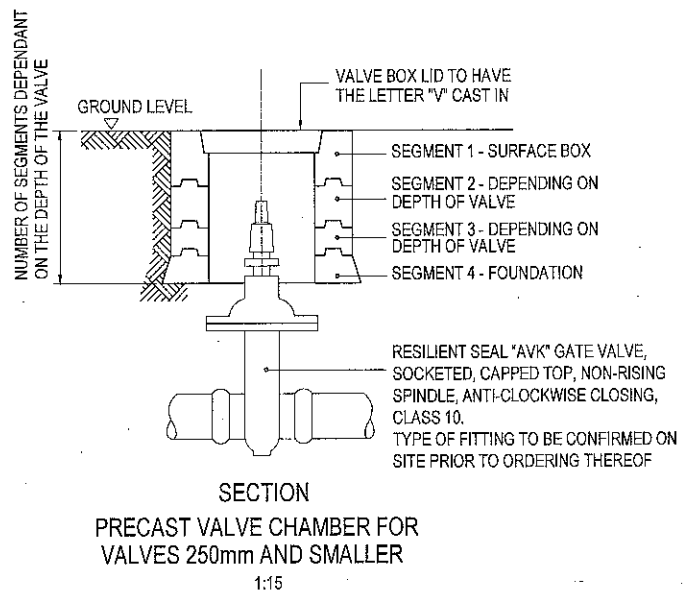
DIMENSIONS FOR THRUST BLOCKS FOR UPVC PIPES UP TO CLASS 10					
FITTING	PIPE DIA.	L	H	B	h
TEE/END CAP	50	400	300	250	150
	63	550	350	250	175
	75	600	400	250	175
	90	750	450	250	200
	110	950	550	250	225
	125	1000	700	300	250
VALVES	50	900	300	300	-
	63	900	300	300	-
	75	900	300	350	-
	90	900	400	400	-
	110	950	550	450	-
	125	1000	700	450	-
REDUCERS	50	900	300	100	-
	63	900	300	100	-
	75	900	300	100	-
	90	900	400	100	-
	110	950	550	150	-
	125	1000	700	150	-



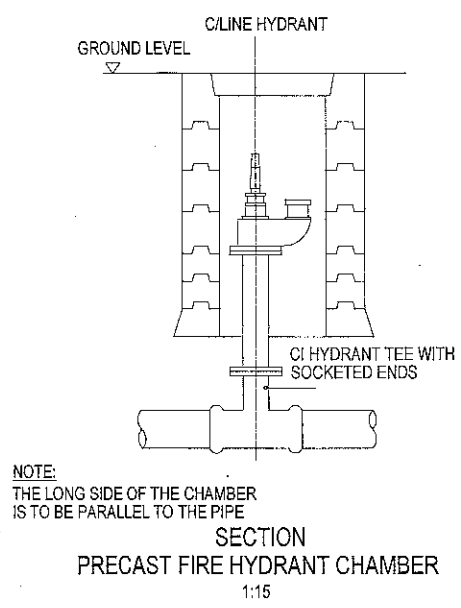
SECTION X-X

SECTION Y-Y

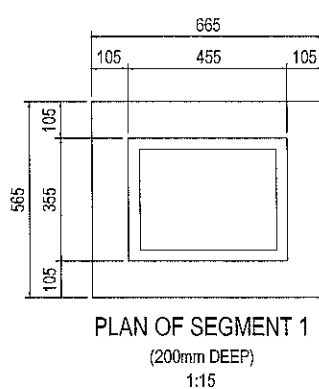
THRUST BLOCK DETAILS
NTS



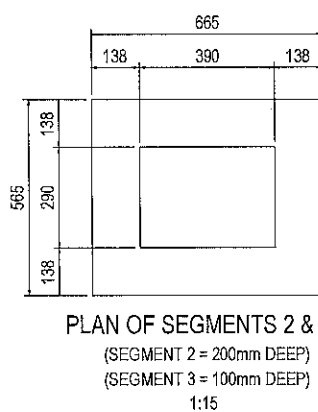
SECTION
PRECAST VALVE CHAMBER FOR
VALVES 250mm AND SMALLER
1:15



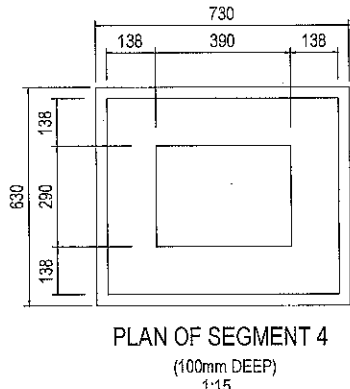
SECTION
PRECAST FIRE HYDRANT CHAMBER
1:15



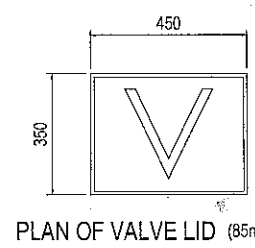
PLAN OF SEGMENT 1
(200mm DEEP)
1:15



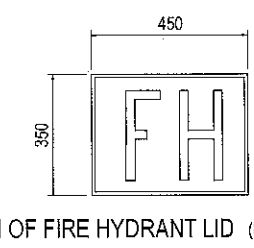
PLAN OF SEGMENTS 2 & 3
(SEGMENT 2 = 200mm DEEP)
(SEGMENT 3 = 100mm DEEP)
1:15



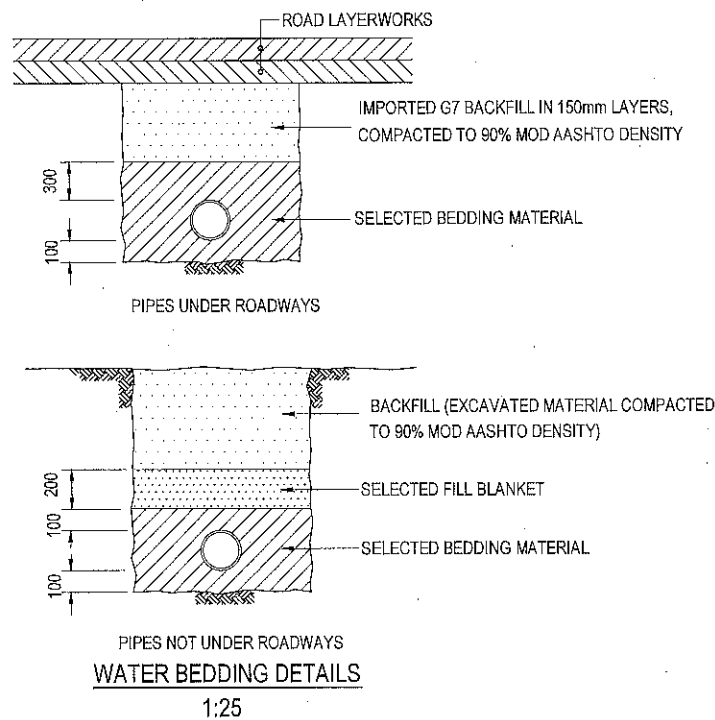
PLAN OF SEGMENT 4
(100mm DEEP)
1:15



PLAN OF VALVE LID (85mm DEEP) 1:15



PLAN OF FIRE HYDRANT LID (85mm DEEP) 1:15



PIPES UNDER ROADWAYS
PIPES NOT UNDER ROADWAYS
WATER BEDDING DETAILS
1:25

ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.

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GENERAL NOTES:

FOR TENDER PURPOSE				
No	Date	Details	Old	Appd
Revisions				

human settlements
ENGINEERING & SCIENCE
REPUBLIC OF SOUTH AFRICA

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Project: ENGCOBO EXTENSION 11
HOUSING DEVELOPMENT
PHASE A - INTERNAL SERVICES

Description: WATER RETICULATION
DETAILS

Scale: 1:40 Date: SEPT 2010

Project No: J28267 / TD202 / 0