



TTE FIRE PROTECTION SYSTEM REQUIREMENTS		
ITEM	DESCRIPTION	
GALVANISED PIPES		
150dia PIPE	SABS 62 MEDIUM QUALITY HOT DIP GALVANISED, WALL THICKNESS - 2.3mm . O.D - 211mm	
250dia PIPE	SABS 62 MEDIUM QUALITY HOT DIP GALVANISED, WALL THICKNESS - 2.8mm . O.D 33.4mm	
320dia PIPE	SABS 62 MEDIUM QUALITY HOT DIP GALVANISED, WALL THICKNESS - 2.8mm . O.D - 42.1mm	
400dia PIPE	SABS 62 MEDIUM QUALITY HOT DIP GALVANISED, WALL THICKNESS - 2.8mm . O.D - 48mm	
500dia PIPE	SABS 62 MEDIUM QUALITY HOT DIP GALVANISED, WALL THICKNESS - 3.2mm . O.D - 59.8mm	
BLACK PIPES		
650dia PIPE	SABS 62 MEDIUM QUALITY BLACK, WALL THICKNESS - 3.2mm . O.D - 75.4mm	
800dia PIPE		
1000diaC PIPE	SABS 62 MEDIUM QUALITY BLACK, WALL THICKNESS - 3.9mm . O.D - 113.3mm	
1500dia PIPE	SABS 62 MEDIUM QUALITY BLACK, WALL THICKNESS - 4.2mm . O.D - 164.1mm	
FLANGE SPECIFICATIONS		
650dia FLANGE	STEEL FLANGE SABS 1123 1 600/3, 145mm 4 HOLE PCD - M16 BOLT	
800dia FLANGE	STEEL FLANGE SABS 1123 1 600/3, 160mm 8 HOLE PCD - M16 BOLT	
1000dia FLANGE	STEEL FLANGE SABS 1123 1 600/3, 180mm 8 HOLE PCD - M16 BOLT	
1500dia FLANGE	STEEL FLANGE SABS 1123 1 600/3, 240mm 8 HOLE PCD - M16 BOLT	
GASKETS	3mm FULL FACE GASKET TO SUIT SABS 1123 1 600/3 STEEL FLANGE	
BOLT SETS	GRADE 8.8 HOT DIP GALVANISED HIGH TENSILE BOLT SET (M16-M20)	
FITTING SPECIFICATIONS		
150dia-500dia ELBOWS	90° LONG/SHORT RADIUS MALLEABLE HOT DIP GALVANISED ELBOW SABS 509 - SCREW ON	
150dia-1500dia ELBOWS	90° LONG/SHORT RADIUS JIS BUTTWELD BLACK ELBOW - WELD ON	
250dia M&F	90° HOT DIP GALVANISED MALLEABLE M&F ELBOW SABS 509	
150dia-500dia TEE'S	HOT DIP GALVANISED MALLEABLE TEE SABS 509 - SCREW ON	
650dia-1500dia TEE'S	JIS BLACK BUTTWELD TEE - WELD ON	
650dia-1500dia END CAPS	JIS BLACK BUTTWELD END CAP - WELD ON	
150dia-1500dia REDUCERS	JIS BLACK BUTTWELD CONCENTRIC/ECCENTRIC REDUCER - WELD ON	
150dia-50 SOCKETS	WELD ON STEAM SOCKETS	
250dia NOZZLES	TYCO - HIGH VELOCITY 17" & 26" NOZZLES	
150dia SPRINKLERS	TYCO - 68° CONVENTIONAL SPRINKLERS	
VALVE STATION ASSEMBLIES		
T.B.A		
COATING REQUIREMENTS		
COAT'S	PAINT SPECIFICATIONS	AREA
1	HOT DIP GALVANISING	ALL WELDED PIPES
1	RED OXIDE PRIMER	ALL PIPES
1	SIGNAL RED ENAMEL	ALL PIPES



- NOTES:
- 1 THE DESIGN ISSUED FOR APPROVAL ASSUMED THAT BLOCKPIECES MAY BE USED TO ACCOMMODATE UNFORESEEN SITE CONITIONS.
 - 2 POSITION OF TRANSFORMER AND RELATED EQUIPMENT IN RELATION TO THE BUND TO BE CHECKED AND CONFIRMED BY ESKOM PRIOR TO FABRICATION.
 - 3 CONFIRMATION OF CLEARANCES FROM BUSHINGS TO BE CONFIRMED BY ESKOM.

[illegible]