

PLAN & LETTERING DETAIL

SECTION A - A
SCALE 1:2

LEGEND:

- ① 100mm Ø VJ FLANGED ADAPTOR STEPPED COUPLING TO SUIT MUNICIPAL MAIN
- ② 75mm Ø S/S GRADE 304 REDUCING TEE FLANGED ALL ENDS TO SABS 1123 T16
- ③ 438mm LONG x 75mm Ø S/S GRADE 304 EXTENSION PIECE FLANGED BOTH ENDS
- ④ DENZO WRAPPED PIPE PROTECTION
- ⑤ 75mm Ø CLASS 16 RSV SABS 664 GATE VALVE RIGHT HAND CLOSING WITH VALVE CAP FLANGED TO SABS 1123 T16
- ⑥ 100 x 80mm Ø S/S GRADE 304 ECCENTRIC REDUCER FLANGED BOTH ENDS SABS 1123 T16
- ⑦ 80mm Ø FLANGE ADAPTOR FLANGES SABS 1123 T16
- ⑧ 640mm LONG x 80mm Ø S/S GRADE 304 EXTENSION PIECE FLANGED BOTH ENDS SABS 1123 T16
- ⑨ 60mm Ø 1/2" NPT W/ 1/2" METER HELIX 4000 WITH FLUSE OUTPUT FLANGED BOTH ENDS SABS 1123 T16
- ⑩ 235mm LONG x 80mm Ø S/S GRADE 304 EXTENSION PIECE FLANGED BOTH ENDS SABS 1123 T16
- ⑪ 75mm Ø CAST IRON NON- RETURN VALVE OF THE SWING TYPE
- ⑫ 75mm Ø VJ FLANGE ADAPTOR TO SUIT MAIN PIPELINE
- ⑬ HAUNCHING
- ⑭ 200mm Ø DRAIN WITH 13mm NO-FINES CONCRETE
- ⑮ TYPE 18 MANHOLE COVER & FRAME COMPLETE WITH LOCKING DEVICE AS PER MUNICIPAL DETAILS

TYPICAL TRENCH EXCAVATION

SECTION A - A
SCALE 1:10

PLAN VIEW

SECTION B - B

PLAN VIEW OF INLET & OUTLET MANHOLE

SECTION A - A

PLAN VIEW

- NOTE:**
1. SUPPLY EACH SITE WITH THREE HYDRANT KEYS
 2. TOP OF PEDESTAL TO BE OCTAGONAL WITH SIDES 100mm EACH
 3. ALL BELOW GROUND GALVANISED STEEL PIPE WORK TO BE DENSOL WRAPPED


BOOSTER PUMP PLAN VIEW

FIRE HYDRANT
SCALE 1:10

FIRE HYDRANT BOOSTER PUMP CONNECTION

[illegible]

PROJECT TEAM		
	A/Asst. Mtns. Designers Mr. T. S. K. SINGH Mr. S. S. K. SINGH Mr. S. S. K. SINGH Mr. S. S. K. SINGH	Structural Engineers 
Architects 	BM&S Associates 1000, 10th Floor, 10th Floor 1000, 10th Floor, 10th Floor 1000, 10th Floor, 10th Floor	Zonal Consulting Engineers Zonal Consulting Engineers Zonal Consulting Engineers Zonal Consulting Engineers
Quantity Surveyors 	Latika Quantity Surveyors Latika Quantity Surveyors Latika Quantity Surveyors Latika Quantity Surveyors	Electrical & Mechanical Engineers 
		Engineering Consulting Engineers Engineering Consulting Engineers Engineering Consulting Engineers Engineering Consulting Engineers

ISSUED FOR TENDER	
<div> east london idz <i>business streamlined</i></div>	
DISCIPLINE	
CIVIL	
SERVICE	
DIAMER TRUCKS SOUTH AFRICA ZONE - 1A PROPOSAL	
WCS NUMBER	
DRAWING TITLE	
WATER, FIRE AND DOMESTIC SUPPLY DETAILS	
REF NO.	34931
SCALE	AS SHOWN
DATE	2024/10
DESIGNED BY	M. MCALLISTER
DRAWN BY	M. MCALLISTER
CHECKED BY	W. DE LANGHEM
DPW NUMBER	
34931-DET-001	