



- NOTES:**
- 1. THE CONTRACTOR TO VERIFY THE LOCATION AND THE EXTENT OF ALL THE EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORK.
 - 2. CONNECTION INTO EXISTING BULK WATER SUPPLY TO BE CARRIED OUT BY CLIENT. THE CONTRACTOR MUST ESCAVATE COMPLETE CONNECTION, SUPPLY PIPE WITH FITTINGS, BED, LAY AND BACKFILL PIPEWORK AFTER CLIENT.
 - 3. ALL WATER LINES TO BE LAID 2m FROM THE ROAD RESERVE BOUNDARY. ALL WATER LINES TO BE TESTED UNDER ENGINEER'S SUPERVISION AND WITNESS BY WATER DIVISION PRIOR TO CONNECTION TO EXISTING BULK WATER SUPPLY.
 - 4. MINIMUM COVER TO ALL WATER MAINS TO BE 100mm IN ROADWAYS AND 750mm IN SIDEWALKS.
 - 5. ALL uPVC PIPES (150mm - 400mm) TO BE CLASS 9 AND ALL HDPE PIPES (125mm - 400mm) TO BE SABS ISO 4427 PE43 PN10 / PE80 PN15.
 - 6. ALL VALVES TO ANTI-CLOCKWISE CLOSING, CLASS 50, CI WEDGE TYPE GATE VALVES WITH NON-RISING SPINDLE, OR AS SPECIFIED.
 - 7. MAINS LAID UNDER THIS CONTRACT TO END 2m SHORT OF EXISTING WATER MAIN.
 - 8. ALL SADDLES AND FLANGES TO BE SUPPLIED WITH STAINLESS STEEL BOLTS AND NUTS.
 - 9. HYDRANTS TO HAVE A LONGER ROUND THREAD WITH RISING SPINDLE, CLOCKWISE CLOSING AND A MAXIMUM OVERALL HEIGHT OF 3200mm.
 - 10. HYDRANT SPACING CONFORMS WITH SABS 998-1972 AS AMENDED.
 - 11. FIRE MAINS TO BE LAID TO A MINIMUM OF 300mm PAST THE CONNECTION POINT TO THE EXISTING RETICULATION.
 - 12. VALVES AND HYDRANTS TO BE INSTALLED OPPOSITE ERF BOUNDARIES.
 - 13. ALL CAST IRON FITTINGS TO BE CEMENT MORTAR LINED, MILLION COATED OR FBE COATING.
 - 14. THRUST BLOCK DESIGN TO SABS 1200 - L.
 - 15. FIRE HYDRANTS TO DRAWING PSL 1, PSL2/1 AND PSL2/2.
 - 16. ERF SUPPLY CONNECTIONS TO DRAWINGS PSL F 2.

LEGEND:

- Existing Water Pipe
- Proposed 508 Water Pipe
- Proposed 75Ø Water Pipe
- Proposed Fire HYDRANT
- Valve
- Pressure Reducing Valve
- Proposed Double ERF Connection
- Proposed Single ERF Connection

PRELIMINARY DRAWING

No	Date	Drawn	Revised	By	Page

CLIENT

PORT ELIZABETH | Uitenhage | Despatch

Lead Consultant

Contractor

GILGAI DEVELOPMENT CONSULTING
CONSULTANTS & PROJECT MANAGERS
13 SUFFOLK STREET, PORT ELIZABETH, 6001
P.O. BOX 65080, PORT ELIZABETH, 6007
Tel: (041) 582 2106/7138 Fax: (041) 582 2064

Project
SEAVIEW ENGINEERING SERVICES

Description
PROPOSED WATER RETICULATION LAYOUT OPTION 1 (2388240)

Contractor Signature	Dr. No	201070260							
Drawn by	Designed by	Approved by							
M.GUBELANA	Z. NYILA	M.J. NYILA							
Scale	1:30	Date	11/2016						
Project No	J201508	Discipline	WR	Stage	PD	Doc. No	04	Rev	0