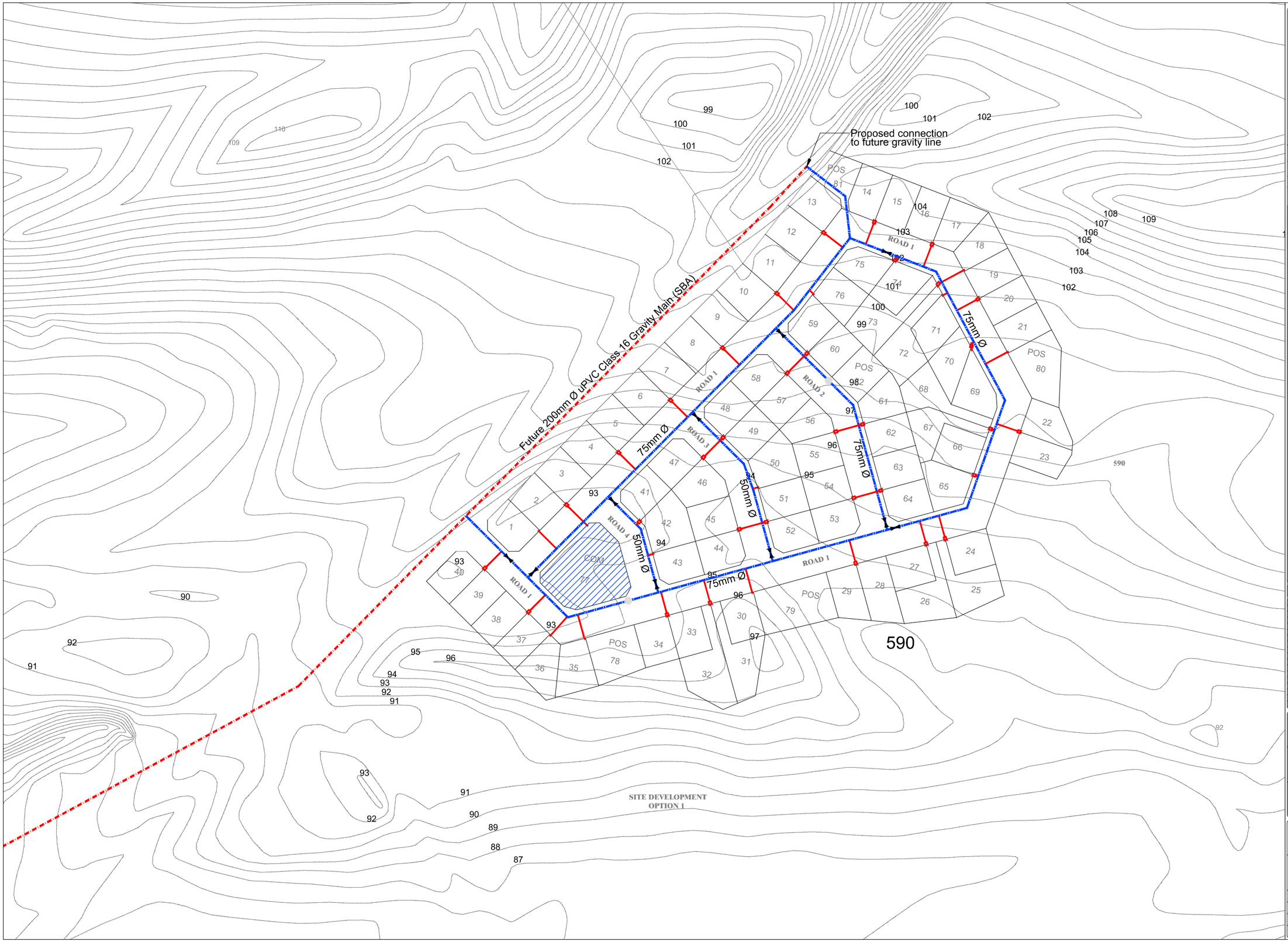

NOTES:

1. THE CONTRACTOR TO VERIFY THE LOCATION AND THE EXTENT OF ALLTHE 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 2.0m 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 1000mm IN ROADWAYS AND 750mm IN SIDEWALKS.
5. ALL uPVC PIPES (75mm – 400mm) TO BE CLASS 9 AND ALL HDPe PIPES (25mm – 63mm) TO BE SABS ISO 4427 PE63 PN10 / PE80 PN12.5.
6. ALL VALVES TO ANTI-CLOCKWISE CLOSING, CLASS16, 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 LONDON ROUND THREAD WITH RISING SPINDLE, CLOCKWISE CLOSING AND A MAXIMUM OVERALL HEIGHT OF 320MM.
10. HYDRANT SPACING CONFORMS WITH SABS 090-1972 AS AMENDED.
11. DHPE 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, "RILLSON"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 PSLF 2.

LEGEND:

- Future Water Pipe(SBA)
- Existing Water Pipe
- Proposed 50Ø Water Pipe
- Proposed 75Ø Water Pipe
- Proposed Fire HYDRANT
- Valve
- PRV Pressure Reducing Valve
- Proposed Double ERF Connection
- Proposed Single ERF Connection

PRELIMINARY DRAWING

REVISIONS

No	Date	Details	Chd	Appd

Client: nelson mandela bay MUNICIPALITY — PORT ELIZABETH / UITENHAGE / DESPATCH

Lead Consultant

Consultant: GILGAL DEVELOPMENT CONSULTING ENGINEERS & PROJECT MANAGERS — The Name of the Nation
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Project: SEAVIEW ENGINEERING SERVICES

Description: PROPOSED WATER RETICULATION LAYOUT OPTION 1 (590)

Consultant Signature		Pr. No	
		201070260	
Drawn by M.GUBELANA	Designed by Z. NYILA	Approved by M.J. NYILA	
Scale NTS		Date 11/2016	
Project No J201508	Discipline WR	Stage P	Dwg. No 03 / Rev 0