



LEGEND

- Existing 1000mmØ steel watermain
- Existing Concrete watermain
- Proposed new 1600mmØ watermain
- Proposed valve
- Proposed scour valve
- proposed air valve

CLIENT

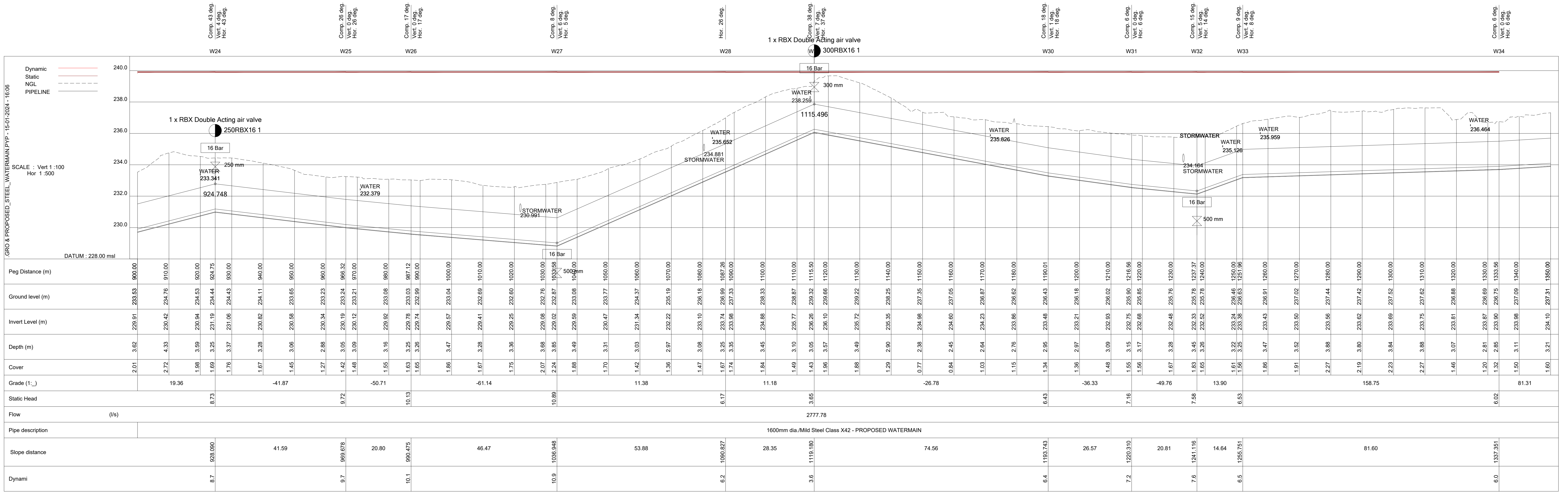
CLUSTER Trading Services
UNIT Water and Sanitation
DEPARTMENT Special projects

DESIGN CONSULTANT

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 3630

NAKO ILISO PROJ No.: 2200019 - CIVIL

- NOTES:**
- ALL MID-PIPE PIPES ARE TO COMPLY WITH SANS 719 API 5L GRADE X42 AND MID STEEL FLANGES TO GRADE TO GRADE 300MA. RASSED FACE FLANGES OR SIMILAR APPROVED. ALL WELDS SHALL BE ACCORDANCE WITH API 1104. LINE PIPES SHALL BE SUITABLE FOR FIELD BUT WELDING. PIPE FITTINGS INSIDE VALVE CHAMBERS SHALL BE FLANGED WITH FLANGE DRILLING IN ACCORDANCE WITH SANS 1123 TABLES 2000 OR 1000 AS SPECIFIED ON THE DRAWINGS. LININGS AND COATINGS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. LINE PIPE SHALL HAVE A 4mm MINIMUM WALL THICKNESS. FITTINGS SHALL BE AS SPECIFIED IN THE PIPE SCHEDULES.
 - FOR STANDARD VALVES TO AIR VALVES SCOUR VALVES ISOLATION VALVES CHAMBERS, THRUST BLOCKS SEE STANDARD DETAIL DRAWINGS. USE SANS 1200 DB CLASS B BEDDING FOR STEEL PIPES.
 - ALL TEES AND BENDS TO HAVE THRUST-BLOCKS AS PER DETAILS.
 - THESE ARE PRELIMINARY DRAWINGS. FINAL TIE IN DETAILS AT VALVE CHAMBERS AND RESERVOIR TIE IN TO BE READ IN CONJUNCTION WITH RELEVANT DETAILED DRAWINGS.
 - ALL MEASUREMENTS WITH REGARD TO CONNECTION TO EXISTING SERVICES I.E. DEPTH & DIAMETER SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO MANUFACTURING AND ORDERING OF SPECIALS, VALVES AND ANY OTHER MATERIAL WHICH MAY BE AFFECTED BY THESE MEASUREMENTS.
 - CONTRACTOR TO VERIFY ALL LEVELS, HEIGHTS & DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORK.
 - LARGE SCALE DRAWINGS ONLY PREFERENCE OVER SMALL SCALE DRAWINGS.
 - DO NOT SCALE DRAWINGS, DIMENSIONS ONLY TO BE USED.
 - DAMAGE TO UNKNOWN SERVICES - THE CONTRACTOR'S LIABILITY WHEN HE ENCOUNTERS UNKNOWN SERVICES IS TO NOTIFY THE ENGINEER/PROJECT MANAGER THEREOF IMMEDIATELY AND TO SUSPEND ALL AFFECTED WORK IN THE IMMEDIATE VICINITY UNTIL WRITTEN INSTRUCTION TO PROCEED HAS BEEN GIVEN BY THE PROJECT ENGINEER.
 - IF ANY PARTICULARS OR THE MEANING OF THE DESCRIPTION OF ANY ITEM IS NOT CLEAR OR IS AMBIGUOUS, INDISTINCT OR CAUSES CONFUSION AS TO ITS MEANING OR IF ANY OBVIOUS ERROR OCCURS ON THE DRAWINGS, THE CONTRACTOR MUST INFORM ALSO IMMEDIATELY IN ORDER TO HAVE THE ERROR CORRECTED OR EXPLAINED, AS THE CASE MAY BE.
 - CONTRACTOR TO SUBMIT WORKING METHOD STATEMENT WHICH INCLUDES PROVIDING CONTINUOUS SUPPLY TO THE RESERVOIR CONTRACTOR RESERVE THE RIGHT TO SUSPEND ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH SANS 1200 (CS-1) OR RELEVANT BS CODES FOR STRUCTURAL REINFORCING, WATERPROOFING, ETC.



FOR APPROVAL

Revision	Date	Description
1	2024-01-25	FOR APPROVAL

Project No. **2200019**

Contract No.

Project Title

SOUTHERN AQUEDUCT TRUNK WATER LINE WPP#4 HIGH WEYCOMBE ROAD TO ROGER SISHI ROAD

LAYOUT PLAN AND LONG SECTION SHEET 3 OF 4

Drawn	Date	Signature
IC	2024-01-25	
Designed	MM	2024-01-25
Checked	CR	2024-01-25
Approval	THE MASTER HELD AT NAKO ILISO (DSN), BEARS THE ORIGINAL SIGNATURE OF APPROVAL C.RAMAN Name Signature Date	
Scales	AS SHOWN	
Drawing No.	2200019-C-003	0 Rev.