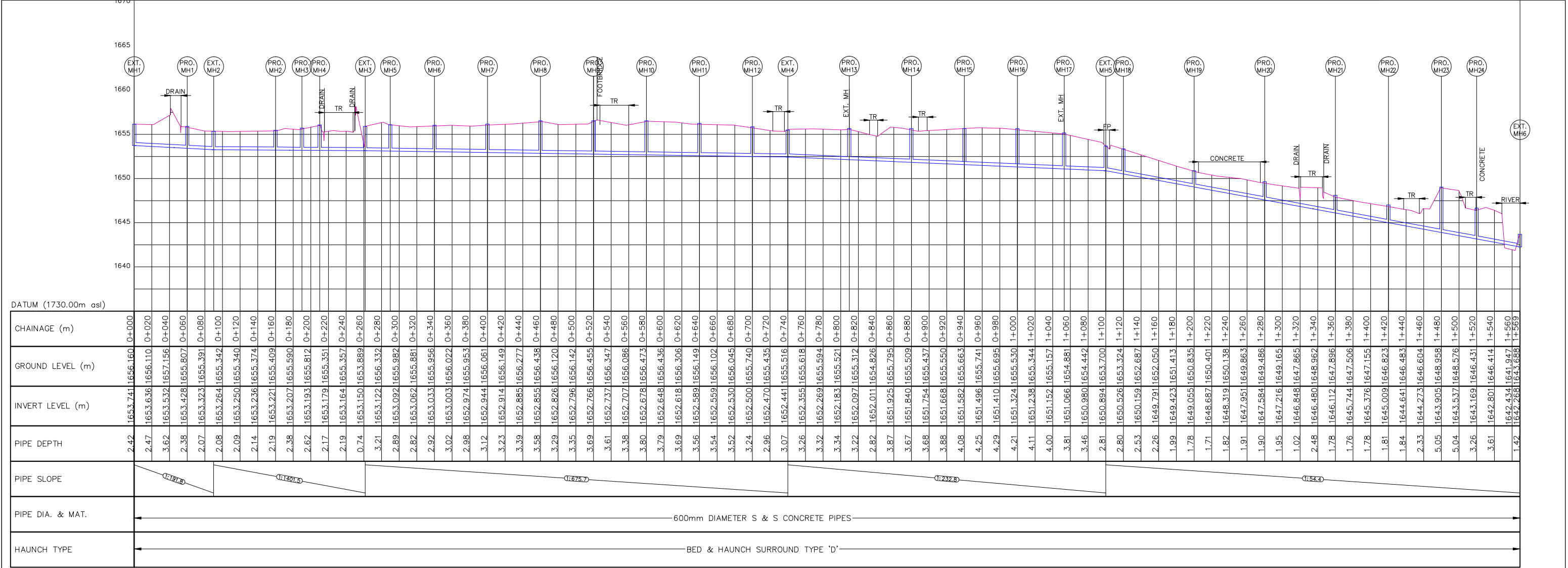



- NOTES**
1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
 2. ALL LEVELS ARE IN METERS AND COORDINATES ARE BASED ON UTM.
 3. THE MANHOLE INVERT LEVELS AND PIPE SLOPES ARE AS SHOWN ON DRAWINGS UNLESS OTHERWISE INDICATED ON SITE BY THE ENGINEER.
 4. MANHOLE TO BE 25MM ABOVE THE GROUND ADJACENT TO ROAD, 150MM ON VERGES, AND 500MM ON OPEN GROUND. THE DEPTHS INDICATED ON THE DRAWING EXCLUDE THESE PROVISIONS.
 5. SEWERS ARE TO BE LAID TO EVEN GRADIENTS WITH A MINIMUM COVER OF 1.0M. WHERE COVER IS LESS THAN THIS, PIPE TO BE SURROUNDED WITH CONCRETE TYPE 'D' HAUNCH.
 6. FOR BEDDING, HAUNCH AND MANHOLE DETAILS REFER TO THE APPROVED STANDARD DRAWINGS.
 7. ALL ROAD AND RIVER CROSSINGS TYPE 'D' HAUNCH TO BE ADOPTED.
 8. ACTUAL POSITION OF MANHOLES IS AS SHOWN OR AS DIRECTED BY THE ENGINEER ON SITE.
- LEGEND**
- EXISTING GROUND LEVEL
 - PROPOSED SEWER LINE
 - EXISTING SEWER LINE
 - PROPOSED MANHOLE



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|  NAIROBI CITY WATER & SEWERAGE COMPANY LIMITED P O BOX 30656-00100 NAIROBI | | PROJECT PANGANI AND BACHELORS SEWER EXTENSION (PLAN AND PROFILE) | SURVEY WORK SURVEYED A. MUIA SIGN. DRAWN C. N. NDUNGU SIGN. CHECKED S. KIMANI SIGN. | DESIGN WORK DESIGNED Eng. J. M MUNUVE SIGN. DRAWN Eng. J. M MUNUVE SIGN. CHECKED Eng. D. MANORE SIGN. | APPROVED Eng. Lucy N. Macharia SIGN. _____ TECHNICAL DIRECTOR | DATE OCTOBER 2019 |
| | | | | | | SCALE HOR: 1 : 2000 VERT: 1 : 200 |
| | | | | | | FIELD BOOK No. NCWS/TEC/ENG/004/RTK |
| | | | | | | DRG No. NCWS/TEC/ENG/004/S/499 |