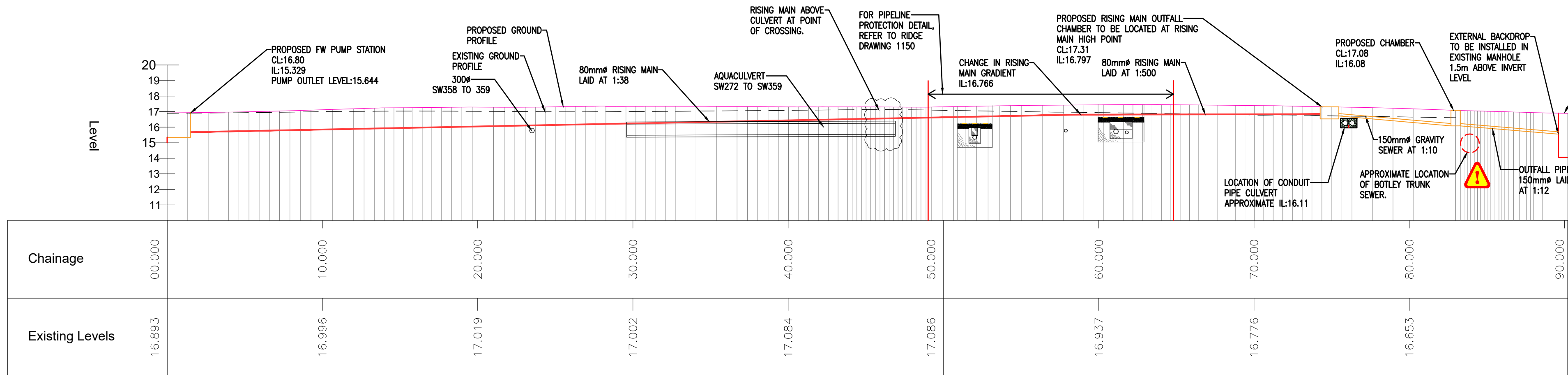


PROPOSED FW RISING MAIN - LONGSECTION
SCALE: H 1:200,V 1:200. DATUM: 15.000



APPROXIMATE TOTAL LENGTH OF RISING MAIN = 81.5m

RIISING MAIN NOTE:
RIISING MAIN TO BE LAID AT A CONTINUOUS RISE TO THE AIR VENT.
RIISING MAIN TO BE LAID WITH CONCRETE BED AND SURROUND WHERE THE DEPTH IS LESS THAN 0.9M.
RIISING MAINS SHOULD BE LAID IN STRAIGHT LINES. WHERE BENDS ARE USED, THEY SHOULD BE PREFORMED AND OF LONG RADIUS TYPE.
NON-DEGRADABLE MARKER TAPE WITH TRACE WIRE SHOULD BE LAID 300 MM ABOVE THE TOP OF THE PIPE. AT THE PUMPING STATION, THE TAPE SHOULD ENTER THROUGH A SEALED DUCT, 300 MM BELOW THE FINISHED PAVED AREA, AND SHOULD BE TERMINATED WITH 1 M OF WIRE COILED INSIDE THE VALVE CHAMBER.
POLYETHYLENE PRESSURE PIPES FOR RIISING MAINS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 12201-2. THE COLOUR SHALL BE BLACK.
POLYETHYLENE FITTINGS, INCLUDING FITTINGS FOR BUTT FUSION AND ELECTROFUSION FITTINGS, SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 12201-3.
EXCEPT WHERE SELF-ANCHORING JOINTS ARE USED, THRUSTS FROM BENDS AND BRANCHES IN RIISING MAINS SHALL BE RESISTED BY GEN3 CONCRETE THRUST BLOCKS, CAST IN CONTACT WITH UNDISTURBED GROUND.
RIISING MAINS SHALL BE TESTED AFTER THEY ARE JOINTED AND BEFORE ANY CONCRETING OR BACKFILLING IS COMMENCED. OTHER THAN SUCH AS MAY BE NECESSARY FOR STRUCTURAL STABILITY WHILST UNDER TEST.

⚠ LEVEL OF TRUNK SEWER TO BE ACCURATELY LOCATED USING HAND DIGGING METHOD WITH PERMISSION SOUGHT FROM THE SEWERAGE UNDERTAKER

⚠ ESSO PIPELINES EXTREME CAUTION TO BE TAKEN WHILE WORKING IN THIS AREA.

