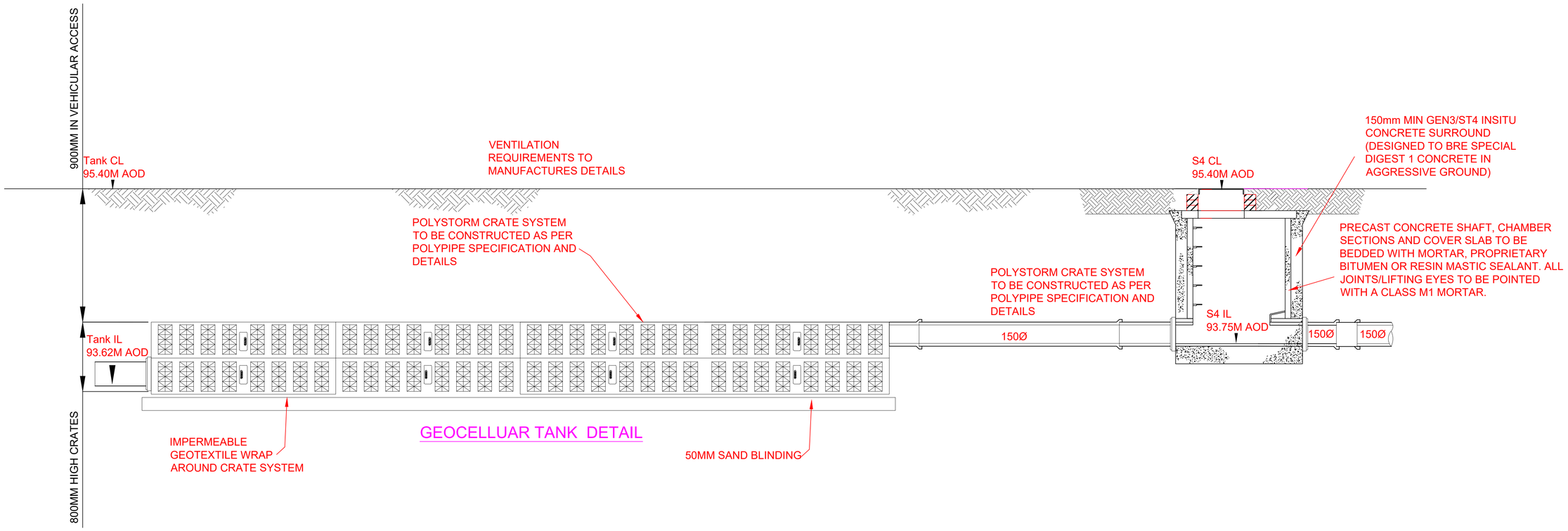

NOTES

THIS DRAWING IS THE PROPERTY OF CLIFFORD ENGINEERING LIMITED

ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

DO NOT MEASURE OFF FROM THIS DRAWING ALWAYS USE THE DIMENSIONS PROVIDED.

THE OS DATA WAS PROVIDED BY THE CLIENT.

THE LAYOUT WAS PROVIDED BY THE CLIENT.

IF THERE ARE ANY DISCREPANCIES WITH THE LAYOUT, PLEASE CONTACT THE CLIENT IN THE FIRST INSTANCE.

ALL MATERIALS SPECIFIED ARE TO BE APPROVED BY THE CLIENT IN WRITING BEFORE ORDERING AN MATERIALS.

ALL DRAWINGS ARE TO BE CHECKED BEFORE STARTING WORKS ON SITE.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT CLIFFORD ENGINEERING AND **ARCHITECTS DRAWINGS AND PROJECT SPECIFICATIONS.**

ALL LEVELS AND DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEERS.

WHERE PLASTIC PIPES ARE PROPOSED FOR ADOPTABLE SEWERS, STRUCTURAL CALCULATIONS FOR THE PLASTIC PIPES AND A SITE INVESTIGATION REPORT TO PROVE THAT THE GROUND CONDITION IS SUITABLE FOR THE PLASTIC PIPES ARE TO BE PRODUCED.

THERE SHOULD BE ENOUGH CLEARANCE TO ACCOMMODATE THE BEDDING FOR BOTH PIPES, APPROX 300MM. IF THE CROSSOVER IS NEAR THE ROCKER THEN THE CLEARANCE NEEDED MAY BE INCREASED.

IF PLASTIC PIPES ARE TO BE USED THEN THE FOLLOWING SHOULD APPLY:-

I ADOPTABLE SEWERS TO BE BSI KITEMORK (CERTIFIED TO WIS 4-35-01 & BS EN13476 B) BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENTS OF THE WATER INDUSTRY SPECIFICATION 4-0B-02 (TOBIE IV.)

ADOPTABLE PLASTIC SEWER PIPES TO BE BSI KITEMARKED (CERTIFIED TO WIS 4-35-01 AND BS/EN13476). ADOPTABLE PLASTIC SEWER PIPES TO BE LAID IN MAXIMUM 3 METRE LENGTHS UNLESS THERE IS A SPECIFIC OPERATIONAL NEED TO LAY LONGER.

FILLED GROUND OR SOFT SPOTS MUST BE EXCAVATED, BACKFILLED AND CONSOLIDATED UNDER THE

SUPERVISION, AND TO THE SATISFACTION, OF IWNL BEFORE ANY SEWER WORKS ARE CARRIED OUT.

SULPHATE RESISTING CEMENT (C20-DC2) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR A LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ORE NOT NECESSARY.

SULPHATE RESISTING CEMENT (C20-DC2) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR A LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ORE NOT NECESSARY.

WHERE THERE ARE DOUBLE ROAD GULLIES,THE GULLY LEADS SHALL BE CONNECTED ONTO SEPARATE PIPE LENGTHS.

SURFACE WATER AND FOUL RISING MAINS

MAINS TO BE PROVIDED WITH MARKER TAPE ABOVE THE RISING JOINT TO BE AS CLOSE AS POSSIBLE TO FACE OF MANHOLE TO PERMIT SATISFACTORY JOINT 225MM TO BARREL OF PIPE. SEE TABLE FOR ROCKER PIPE DETAILS. JOINT TO BE AS CLOSE OS POSSIBLE TO FACE OF MANHOLE TO PERMIT SATISFACTORY JOINT AND SUBSEQUENT MOVEMENT PIPE. JOINT TO BE LOCATED MIN 100MM INSIDE FACE OF MANHOLE SEE TABLE FOR ROCKER PIPE DETAILS PIPE JOINT TO BE LOCATED MIN 100MM INSIDE FACE OF MANHOLE MINIMUM WIDTH OF BENCHING TO BE 500MM ALL CHANNELS IN MANHOLES TO BE CLAYWARE MINIMUM WIDTH OF BENCHING TO BE 225MM

IWNL/YWICOSA NOT OBLIGED TO ACCEPT FILTER DRAIN/LAND DRAINAGE RUNOFF INTO THE PUBLIC SEWER NETWORK OR ADOPTABLE DRAINAGE SYSTEM (DIRECTLY OR IN-DIRECTLY). AN ALTERNATIVE METHOD OF DISPOSAL OF THE LAND DRAINAGE RUNOFF WILL THEREFORE BE REQUIRED AND YOU WILL HOVE TO LIAISE WITH THE LAND DRAINAGE AUTHORITY/LAND DRAINAGE SECTION WITH REGARD TO THE DISPOSAL OF THE FILTER DRAIN/LAND DRAINAGE RUNOFF IS REQUIRED.

ALL EXCAVATIONS IN AREAS OF HIGH WATER TABLES AND GRANULAR MATERIALS WITH HIGH SAND/SILT CONTENTS SHALL BE WRAPPED WITH A SUITABLE GEOTEXTILE FILTER MEMBRANE TO PREVENT MIGRATION OF SANDS/SILTS. FULL HEIGHT CLAY TANKS ACROSS TRENCHES AND/OR AT MANHOLE LOCATIONS AT 25M INTERVALS TO RESTRICT WATER MOVEMENT ALONG THE EXCAVATION SHALL BE PROVIDED.

ALL WORKS WITHIN THE PUBLIC HIGHWAY TO BE REINSTATED TO THE HIGHWAY AUTHORITY

REQUIREMENTS. ALL DRAINAGE CONNECTIONS ONTO ADOPTABLE DRAINAGE SYSTEMS SHALL BE CARRIED OUT TO THE WATER AUTHORITY'S APPROVAL.

CLIFFORD ENGINEERING LTD

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status: FOR APPROVAL

project: WAKEFIELD ROAD, DESBURY

title: GEO-CELLULAR TANK DETAILS

date:02.04.2025

scale @ A1 NTS

job no: 411 drg no:004 #