

GENERAL NOTES

- DO NOT SCALE THIS DRAWING. WORK ONLY ON FIGURED DIMENSIONS.
- FOR ALL RELEVANT NOTES, REFER TO STRUCTURAL AND CIVIL ENGINEERING PERFORMANCE SPECIFICATION.
- ANY DISCREPANCIES ARE TO BE REPORTED TO PINNACLE CONSULTING ENGINEERS IMMEDIATELY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS ARCHITECTS AND SUB-CONTRACTORS DRAWINGS AND DETAILS.
- THIS DRAWING IS TO BE PRINTED IN COLOUR.
- THIS DRAWING IS PRELIMINARY AND NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS EXPRESSLY STATED.
- EXISTING SITE AND LEVEL INFORMATION TAKEN FROM THE TOPOGRAPHICAL SURVEY DATA/ DRAWING CONTAINED ON JERZY STERA ARCHITECT DATED JULY 2023.
- THIS DRAWING HAS BEEN PREPARED USING THE PROPOSED SITE LAYOUT FROM DRAWING REF. AL 019 PREPARED BY JERZY STERA ARCHITECT DATED JULY 2023. IN THE ABSENCE OF THE COMPLETED DESIGN FINISH LEVELS WHEN THIS FOUL NETWORK DESIGN WAS PREPARED, THE COVER AND INVERT LEVELS (CL & IL) AND G.F.L. SHOWN ARE INDICATIVE ONLY.
- THE PROPOSED SITE WASTE WATER MANAGEMENT SYSTEM SHOULD BE COMPLIANT TO THE GENERAL BYNES LEVELS 2015 (AS AMENDED 2020) AND DESIGNED TO BE IN ACCORDANCE WITH THE INTERNAL DRAINAGE SYSTEM WAS DESIGNED TO BS EN 12563/ BS EN 752. THE FOUL WATER NETWORK DESIGN WAS BASED ON A GRAVITY SYSTEM. A PUMPED SYSTEM, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH BS EN 752 AND BS 6297.

- SEPTIC TANK MAIN OPTION (DESIGN TO BS EN 12566-1):
KLARESTER MODEL STH091 (9,150 LITRES). CAPACITY WAS BASED ON CLIENT REQUIREMENT OF 50 PERSONS. DAY USE. PROPRIETARY PRODUCT TO BE THE DESIGN RESPONSIBILITY OF THE MANUFACTURER/ INSTALLER.
TO BE SITED MIN. 7m FROM ANY BUILDING; WITHIN 30m OF AN ACCESS POINT; AND NOT WITHIN 50m OF ANY DESIGNATED CONSERVATION SITE.
DRAINAGE FIELD TO BE IN ACCORDANCE WITH BS 6297.
 - MIN. 10m FROM ANY WATER COURSE
 - MIN. 15m FROM ANY BUILDING
 - MIN. 50m FROM ANY WATER SUPPLY/ SOURCE POINT
 - NOT SITED AT OR NEAR AN ACCESS ROAD, DRIVEWAY, OR PAVED AREAS
 - BRE365 INFILTRATION TEST (SOIL PERCOLATION OR POROSITY TEST) WILL BE NEEDED TO DETERMINE THE REQUIRED SIZE FOR THE DRAINAGE FIELD.

- SEWAGE TREATMENT PLANT (STP) ALTERNATIVE OPTION TO BS EN 12566-3:
MARSH STP ENSIGN STANDARD/ ULTRA 50PE. PROPRIETARY PRODUCT TO BE THE DESIGN RESPONSIBILITY OF THE MANUFACTURER/ INSTALLER.
OUTLET SHOULD BE SITED MIN. 10m FROM ANY BUILDING OR WATER COURSE.
NOT SITED AT OR NEAR THE LOCAL WATER COURSE, DITCH, OR DRAINAGE FIELD.
SHOULD HAVE AT LEAST 6 HOURS BACKUP POWER TO FUNCTION IN CASE OF ELECTRIC POWER FAILURE

- DRAINAGE FIELD FOR STP TO BE IN ACCORDANCE WITH BS 6297.
BRE365 INFILTRATION TEST (SOIL PERCOLATION OR POROSITY TEST) WILL BE NEEDED TO DETERMINE THE REQUIRED SIZE FOR THE DRAINAGE FIELD.
 - MIN. 10m FROM ANY BUILDING
 - MIN. 15m FROM ANY WATER COURSE
 - MIN. 50m FROM ANY WATER SUPPLY/ SOURCE POINT
 - NOT SITED AT OR NEAR AN ACCESS ROAD, DRIVEWAY, OR PAVED AREAS

- OPTIONAL EXTRAS FOR ALARM PROBES AND ALARM GSM REMOTE CONNECTIVITY/ CAPABILITY REQUIREMENTS TO BE CONFIRMED BY THE DEVELOPER TO THE SUPPLIER/ MANUFACTURER PRIOR TO EQUIPMENT PURCHASE.

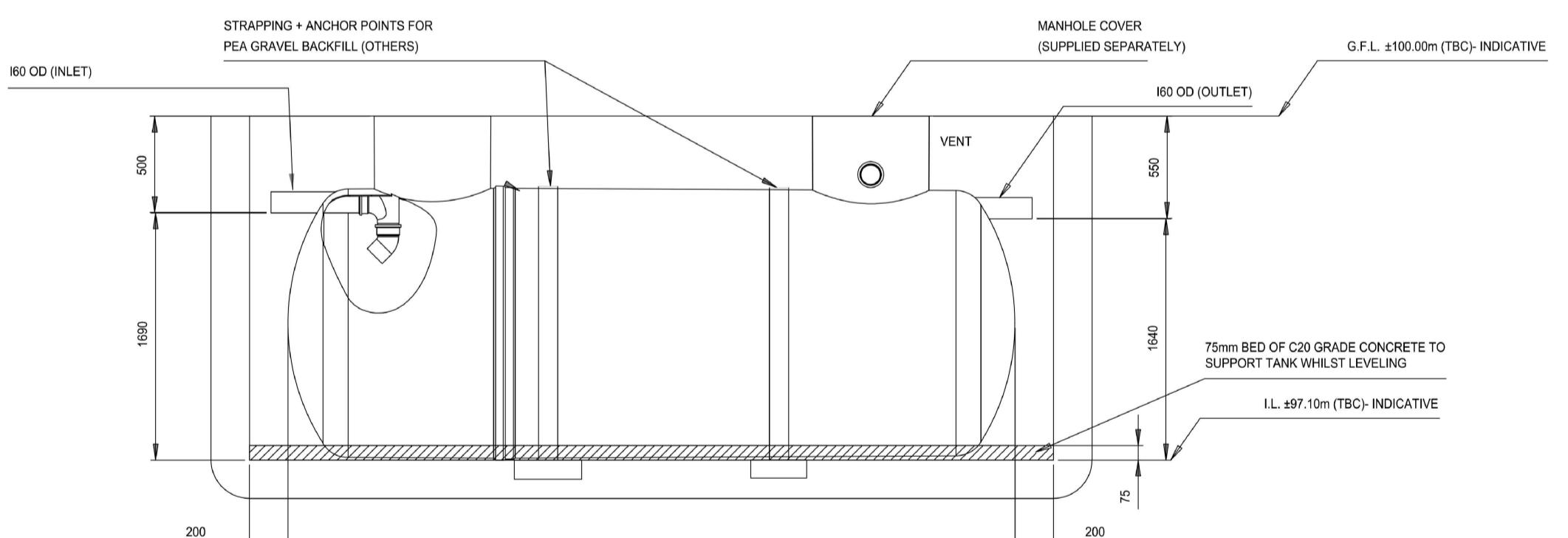
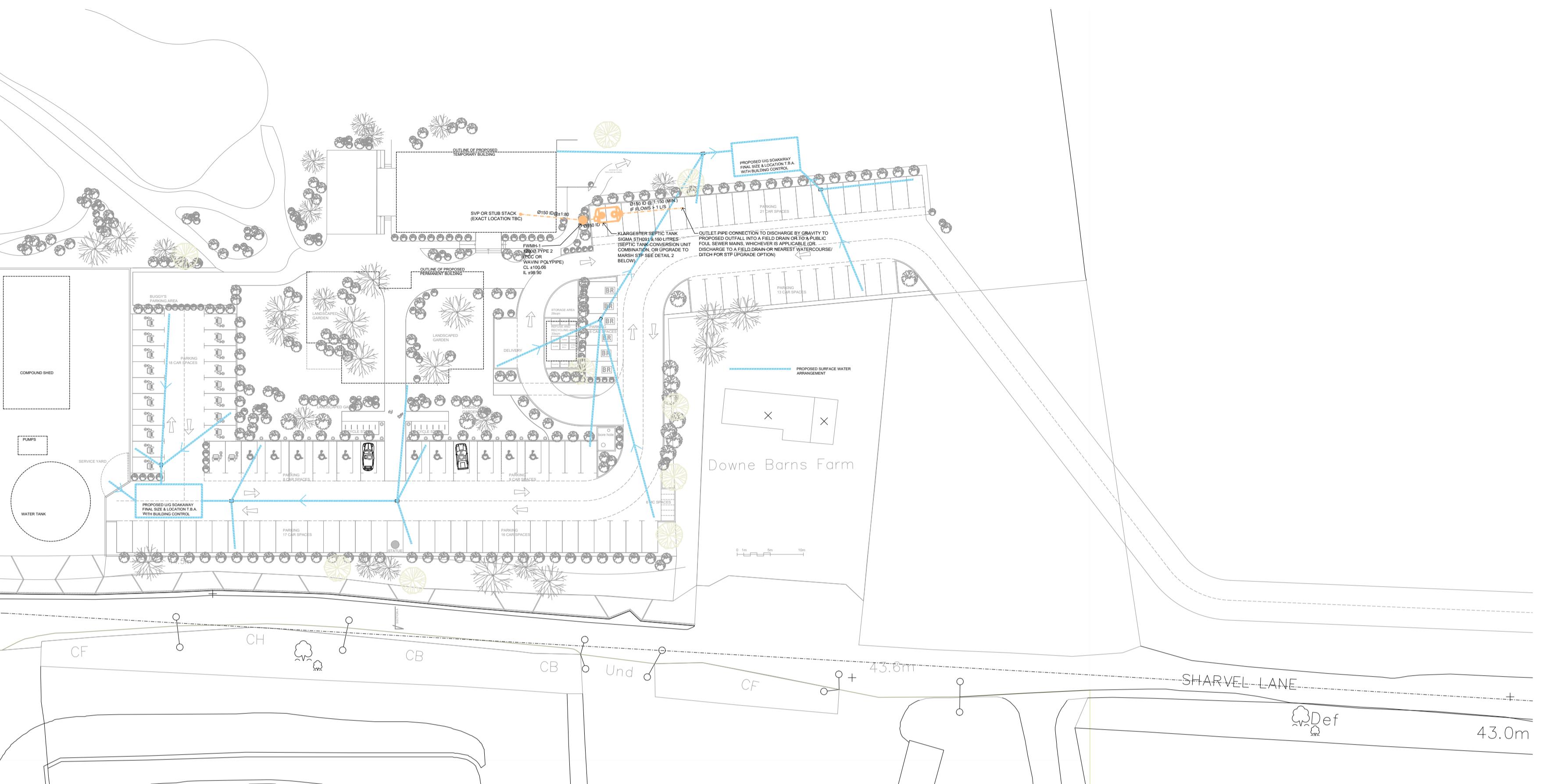
LEGEND

- PROPOSED SITE BOUNDARY LINE
- PROPOSED BUILDING LINE
- PROPOSED FOUL PIPE (GRAVITY)
- PROPOSED FOUL MANHOLE
- PROPOSED SEPTIC TANK/ STP (SEPTIC CONVERSION UNIT IS SEPARATE, IF REQUIRED)

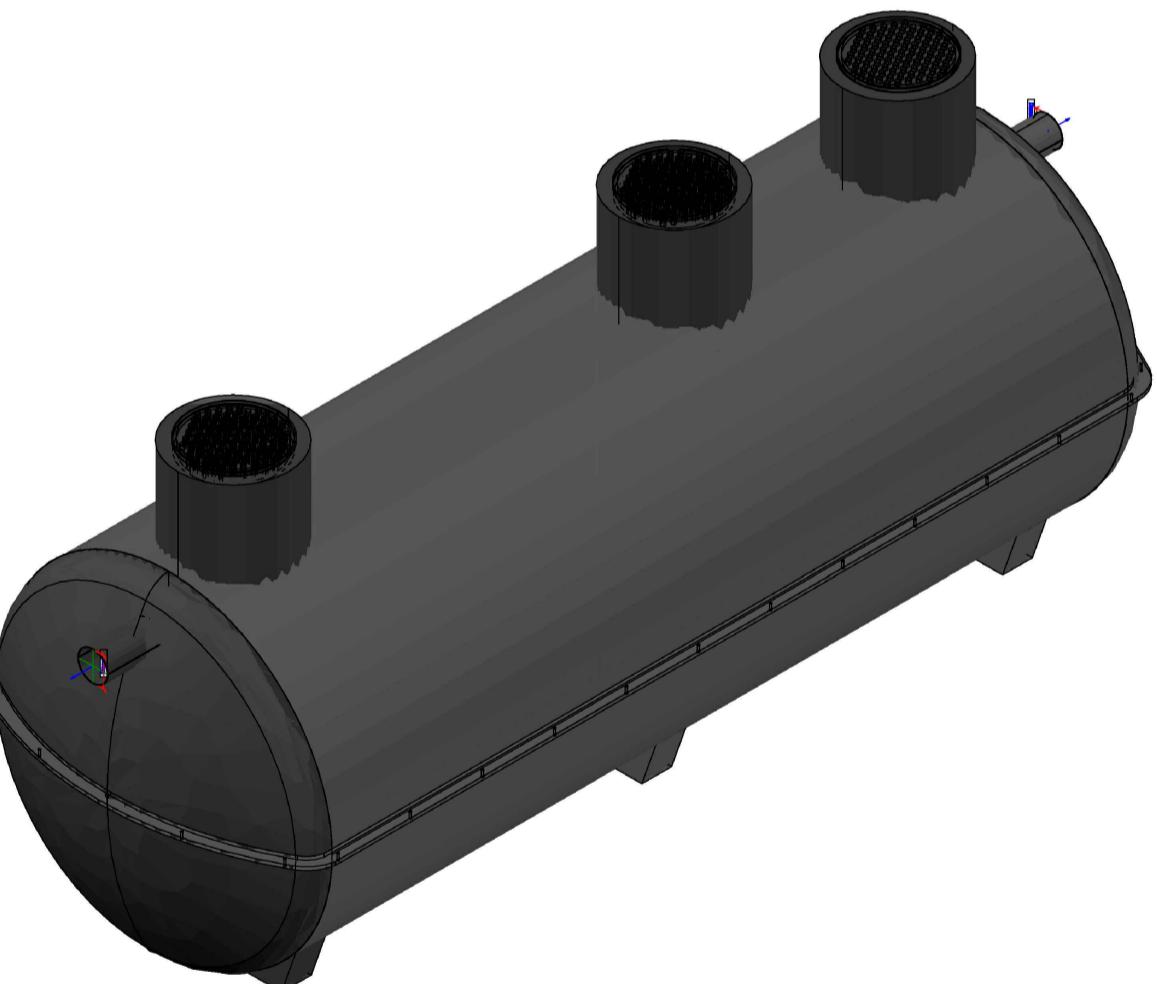
MAKE OPTIONS:

- SIGMA STH091 SEPTIC TANKS (KINGSPAN- KLARESTER)
- ENSIGN STP STANDARD 50PE (MARSH INDUSTRIES)
- HYDROCLEAR HC50 (HARLEQUINN)

DESIGNED BY
PINNACLE
CONSULTING ENGINEERS



TYPICAL DETAIL 1- KLARESTER SEPTIC TANK SIGMA STH091
9,150 LITRES CAPACITY
SCALE N.T.S



TYPICAL DETAIL 2- MARSH STP ENSIGN STANDARD/ ULTRA 50PE (ALTERNATIVE UPGRADE SOLUTION)
50 PERSON CAPACITY
SIZE: 10000L (4200 x 1900 x 2400mm)
SCALE: N.T.S

Do not scale off this drawing. All dimensions to be verified on site before the commencement of any shop drawings or work whatsoever, either on behalf or for that of sub-contractors or suppliers. Report all discrepancies to the engineer immediately.

This drawing to be read with all related Architects and engineers drawings and other relevant information.

rev. revision date dm ckd

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project

THE INSPIRATION GOLF CLUB
HILLINGDON
drawing title
NEW CLUB HOUSE- PROPOSED
TEMPORARY WASTE WATER
MANAGEMENT SYSTEM
date March' 2024 scale 1:500 @A1 dm JS ckd

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