

FOR MECHANICAL DETAILS REFER TO DRG. NO.
0297-HAK-B06-GF-DR-X-4060

THE COPYRIGHT IN THIS DRAWING IS THE PROPERTY OF HALL & KAY. IT MUST NOT BE REPRODUCED NOR AMENDED NOR USED FOR THE EXECUTION OF ANY WORKS WHETHER IN CONNECTION WITH THE PROPOSED WORKS FOR WHICH IT IS PREPARED OR OTHERWISE WITHOUT THE EXPRESS CONSENT IN WRITING OF HALL & KAY.

ALL SPRINKLER HEADS TO BE FITTED 90° (PERPENDICULAR) TO ROOF / CEILING

ALL SPRINKLER HEADS MUST BE FITTED WITH MANUFACTURERS SPRINKLER SPANNER

SPRINKLER HEADS, NOZZLES AND CONTROLS MUST NOT BE PAINTED.

HALL & KAY FIRE ENGINEERING WILL NOT ACCEPT ANY RESPONSIBILITY FOR DAMAGE CAUSED BY FROST. CLIENTS SHOULD TAKE ADEQUATE PRECAUTIONS AGAINST THE WATER IN THE PIPEWORK ABOVE AND BELOW CONTROL VALVES FREEZING DURING SEVERE WEATHER

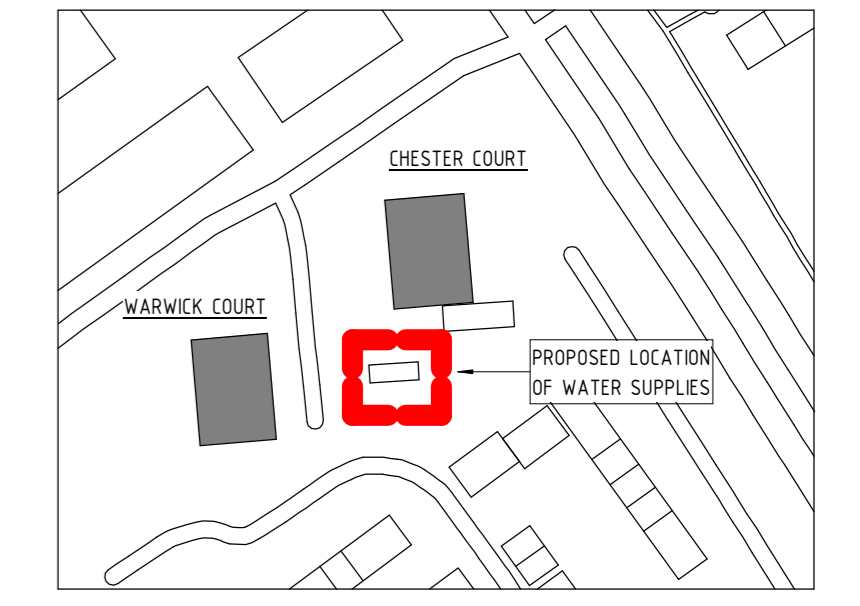
PIPE WORK COMMISSIONING TESTS TO COMPLY WITH BS 9251 : 2021

SERVICES TO BE PROVIDED BY CLIENTS UNLESS OTHERWISE STATED:

ALL BUILDERSWORK, HOLES THROUGH WALLS, FLOORS, BLENDING, FIRE STOPPING, THRUST BLOCKS, TRENCHES, GROUTING & MAKING GOOD.

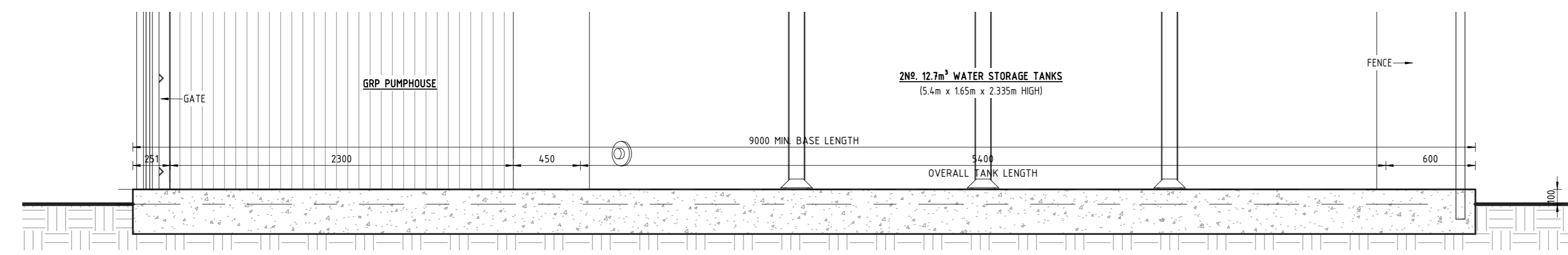
CONSTRUCTION DESIGN NOTES:

- ENCLOSURE FOUNDATIONS**
- 1) CLIENT TO ENSURE FOUNDATION EDGE REBATE IS CAST AS INDICATED TO PROTECT AGAINST INGRESS OF WATER.
 - 2) FOUNDATION DEPTH AND CONCRETE SPECIFICATION TO BE CALCULATED BY OTHERS.
 - 3) FINISHED FLOOR LEVEL SHOULD BE FINISHED TO A SMOOTH FLOATED UN-INTERRUPTED SURFACE.
 - 4) DRAINAGE SYSTEM / GULLY DESIGN BY OTHERS
 - 5) FINISHED FLOOR SLOPE TO DRAIN TO BE DESIGNED BY OTHERS IF REQUIRED.
 - 6) BASE TO BE LEVEL WITHIN +/- 10mm MAXIMUM
 - 7) FOUNDATION DESIGN AND CONCRETE SPECIFICATION SUBJECT TO DETAIL DESIGN AND SPECIFICATION (BS 8110 OR HIGHER) BY CIVIL ENGINEERS TO SUIT SITE CONDITIONS. THIS DRAWING IS A GUIDE ONLY.
- TANK FOUNDATIONS**
- 1) THE TANK FOUNDATION IS REQUIRED TO BE LEVEL TO +/- 6mm WITH A SMOOTH FLOAT FINISH.
 - 2) THE TANK H/LTI TOLERANCE IS +/- 10mm
 - 3) THE TANK H/LTI SPACING TOLERANCE IS +/- 75mm
 - 4) CONCRETE TO BE IN ACCORDANCE WITH BS 8110 AS MINIMUM TECHNICAL SPECIFICATION TO BE CONFIRMED BY OTHERS
 - 5) HARDWARE TO BE COMPACTED IN 150mm TO 200mm THICK LAYERS TO APPROXIMATELY 97% PROTECTOR THICKNESS TO SUIT SITE CONDITIONS. (CIVIL DESIGN BY OTHERS).
 - 6) REINFORCING MESH TO BE IN ACCORDANCE WITH A193.
 - 7) FOUNDATION DESIGN AND CONCRETE SPECIFICATION SUBJECT TO DETAIL DESIGN AND SPECIFICATION (BS 8110 OR HIGHER) BY CIVIL ENGINEERS TO SUIT SITE CONDITIONS. THIS DRAWING IS A GUIDE ONLY.

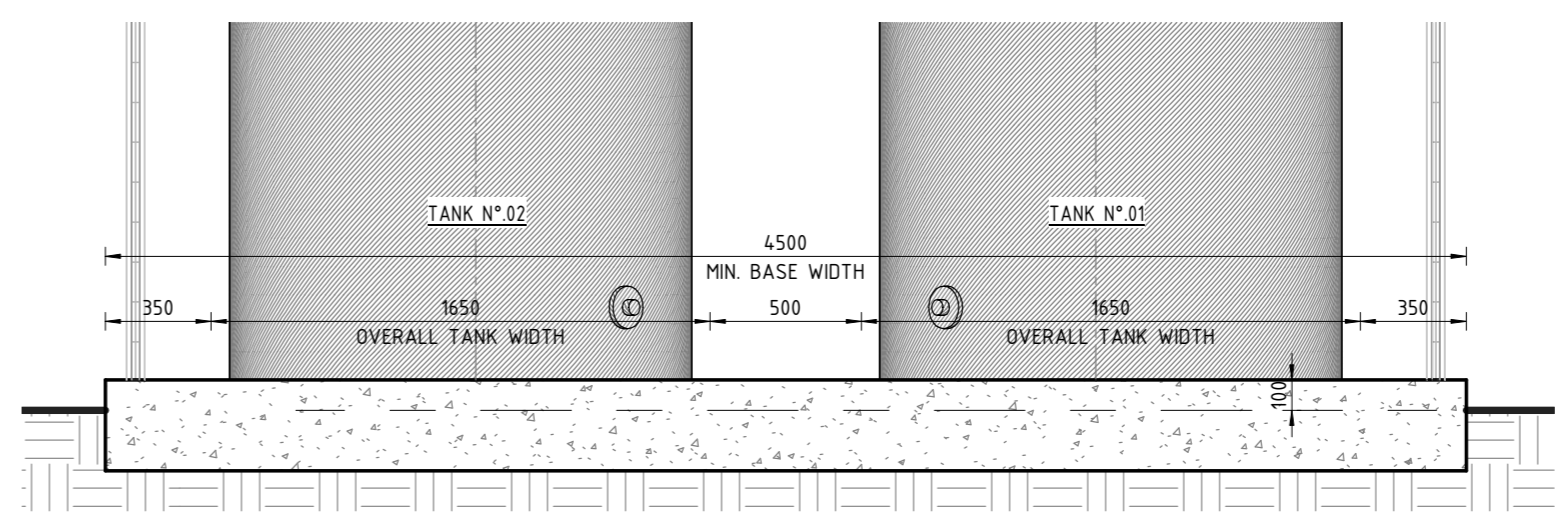


LOCATION PLAN
(SCALE: 1 : 1)

0297-HAK-B06-GF-DR-X-4062
PLAN VIEW - BUILDERSWORK LAYOUT
(SCALE: 1 : 25)



SIDE ELEVATION ON CONCRETE BASE
(SCALE: 1 : 25)



END ELEVATION ON CONCRETE BASE
(SCALE: 1 : 25)

DRAWING REVISIONS

REV	REVISION DESCRIPTION	DRAWN	APPROVED	DATE
P01	PRELIMINARY ISSUE FOR COMMENTS	NM	IC	05.10.21
P02	BASE DIMENSIONS UPDATED TO SUIT TANK SIZES	NM	IC	18.11.21
P03	PUMPHOUSE & EQUIPMENT AMENDED TO SUIT INTRODUCTION OF DIESEL GENERATOR SECTIONS UPDATED TO SUIT	NM	IC	16.02.22
P04	CONCRETE BASE SIZE INCREASED & SETTINGS OUT CHANGED	NM	IC	17.02.22

REFERENCE DRAWINGS:
BLOCK CONSTRUCTION TYPE:

BRYANT - BISON 280
FOR WARWICK & CHESTER COURT

H&K
Hall & Kay Fire Engineering

BIRMINGHAM Sterling Park, Claggate Lane, Woodgate Valley, Birmingham, B32 3BU. Tel: 0121 421 3311. Email: birmingham@hkfire.co.uk

MANCHESTER 10 Oak Court, First Floor, Clifton Business Park, Wynne Avenue, Clifton, Manchester, M27 8FF. Tel: 0161 872 7316. Email: manchester@hkfire.co.uk

ASCOT Unit E, Silwood Park, Ascot, Berkshire, SL5 7PW. Tel: 01344 203 800. Email: ascot@hkfire.co.uk

CLIENT: DODD GROUP

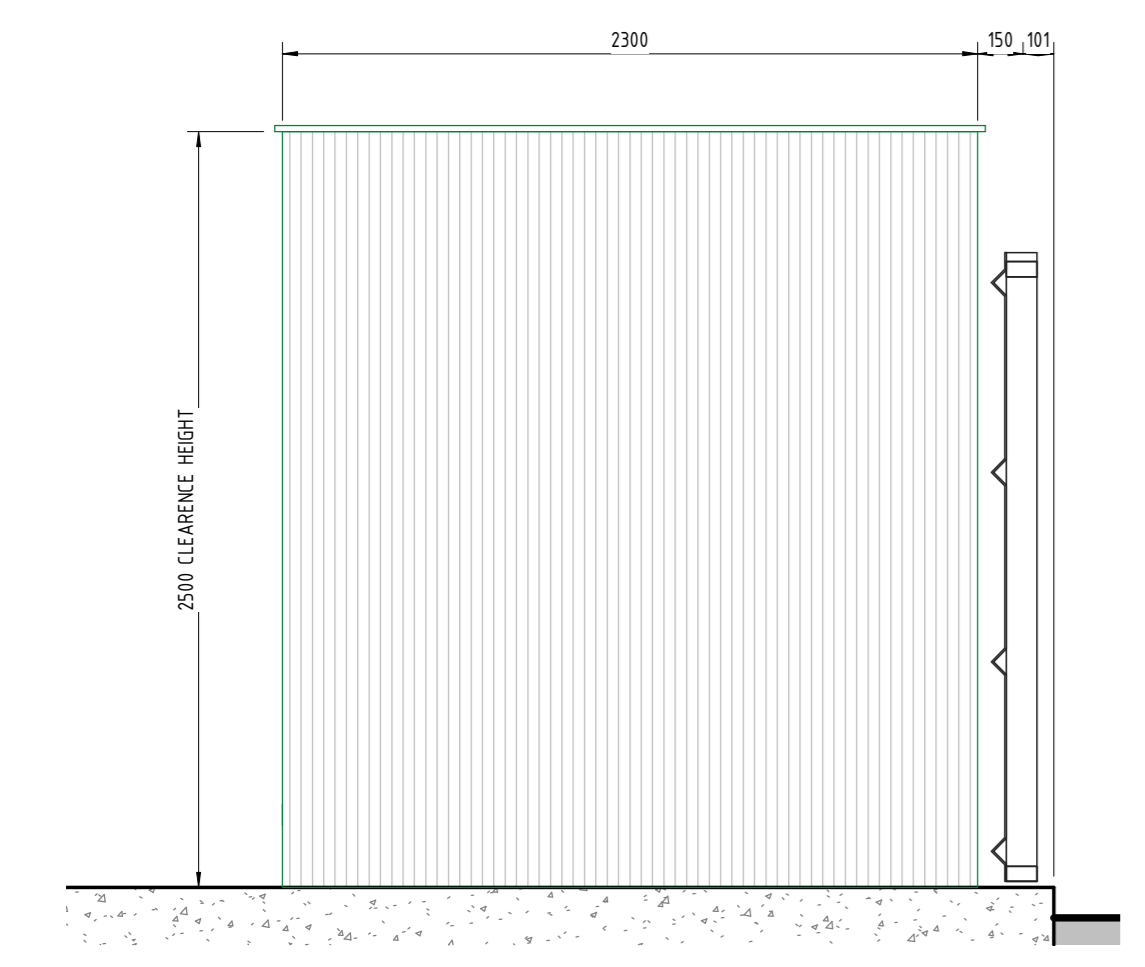
PROJECT: SOLIHULL HOUSING SCHEME - PHASE 2

DRAWING TITLE: SPRINKLER PUMPHOUSE & TANK BUILDERSWORK DETAILS - WARWICK & CHESTER COURT

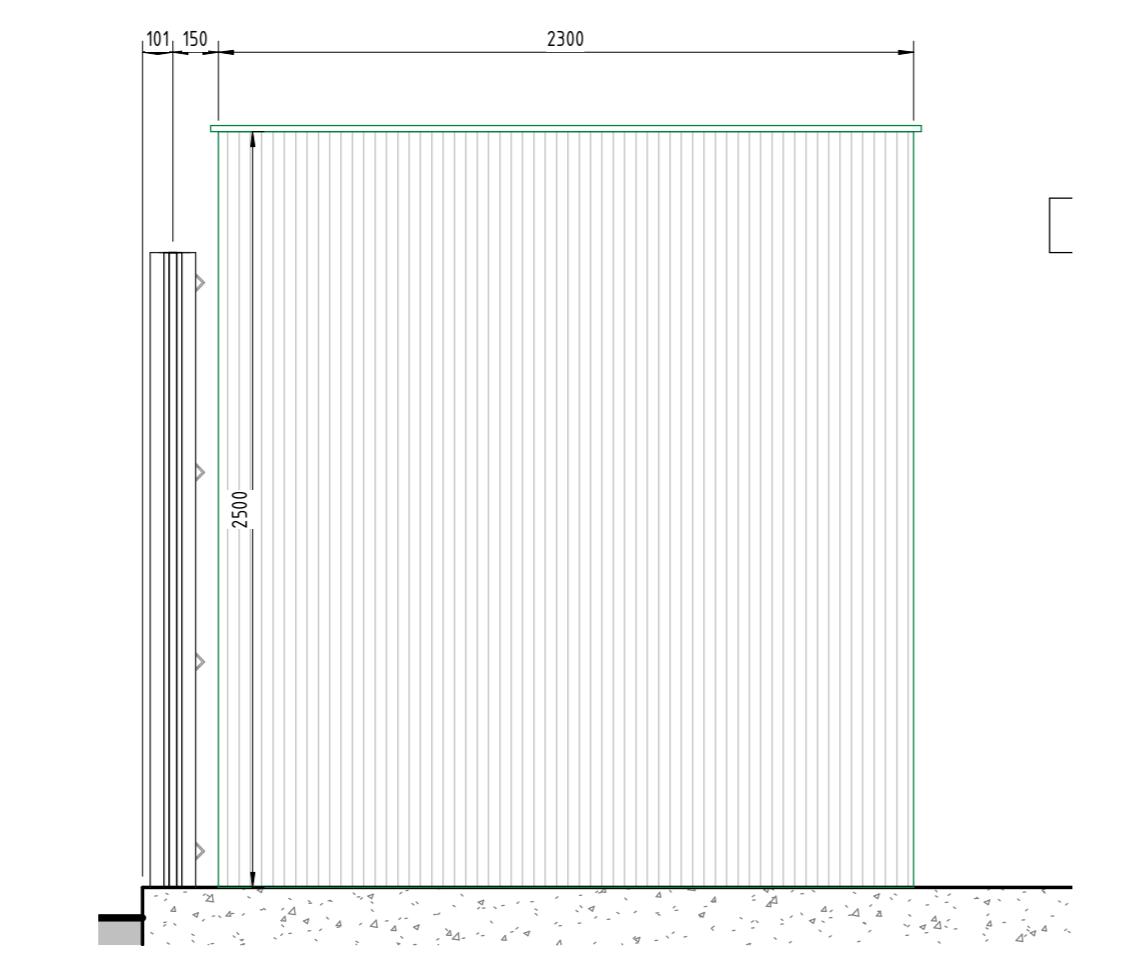
DRAWN BY: N.M. DATE: 10/04/21 STATUS: PRELIMINARY

APPROVED BY: I.C. SCALE: 1:20 & 25 SUITABILITY: BA0324

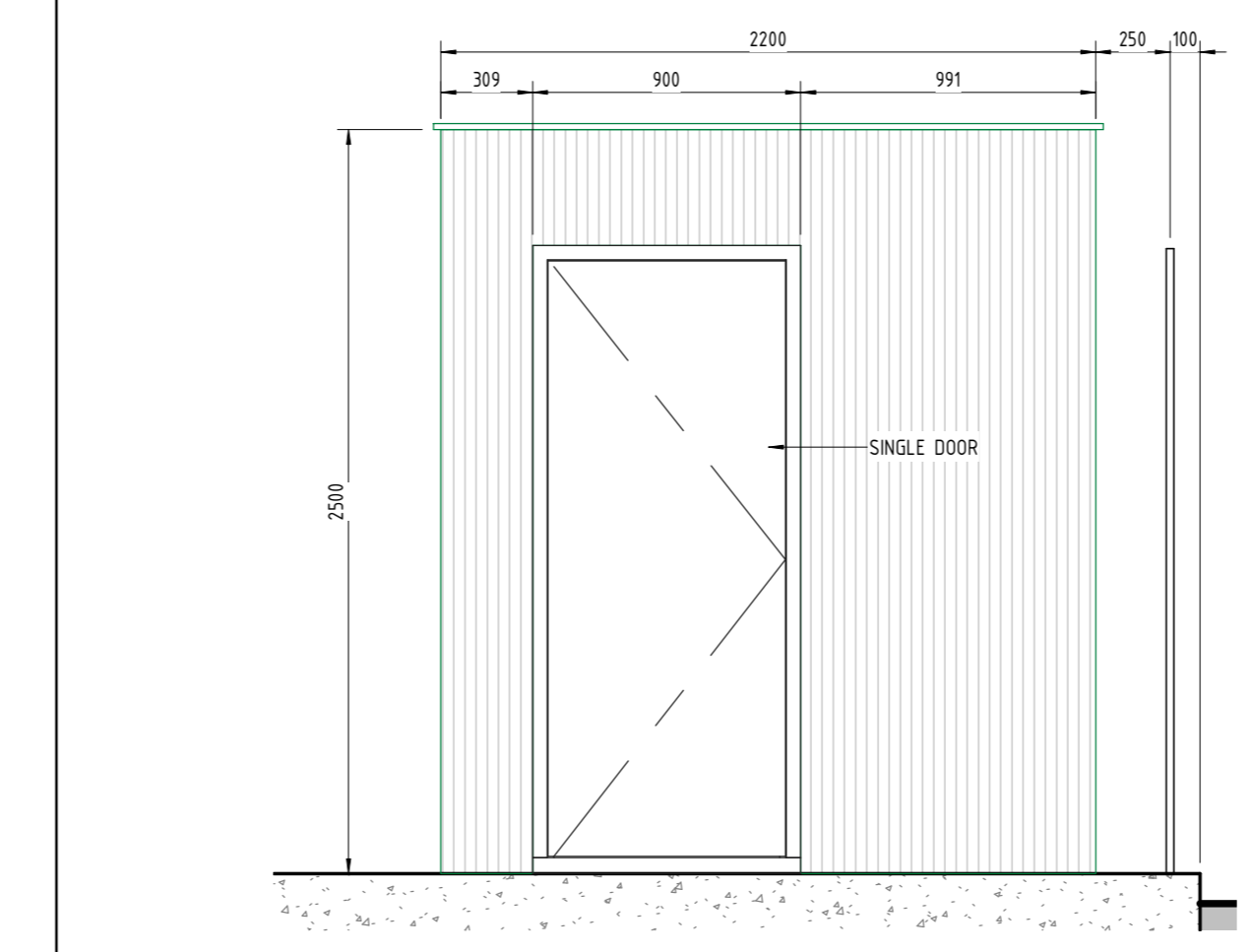
DRAWING NO: 0297-HAK-B06-GF-DR-X-4062 REVISION: P04



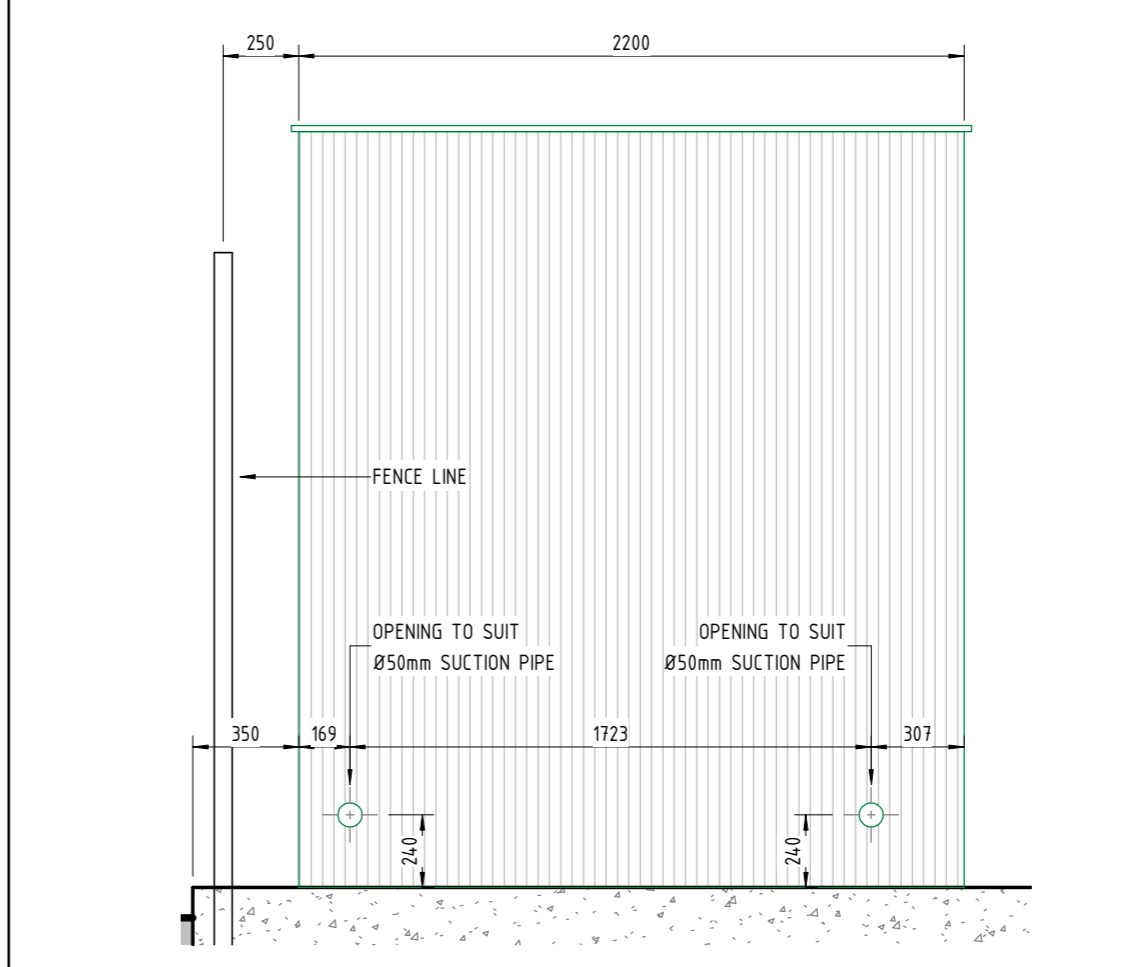
GRP ELEVATION 'A'
(SCALE: 1 : 25)



GRP ELEVATION 'B'
(SCALE: 1 : 25)



GRP ELEVATION 'C'
(SCALE: 1 : 25)



GRP ELEVATION 'D'
(SCALE: 1 : 25)