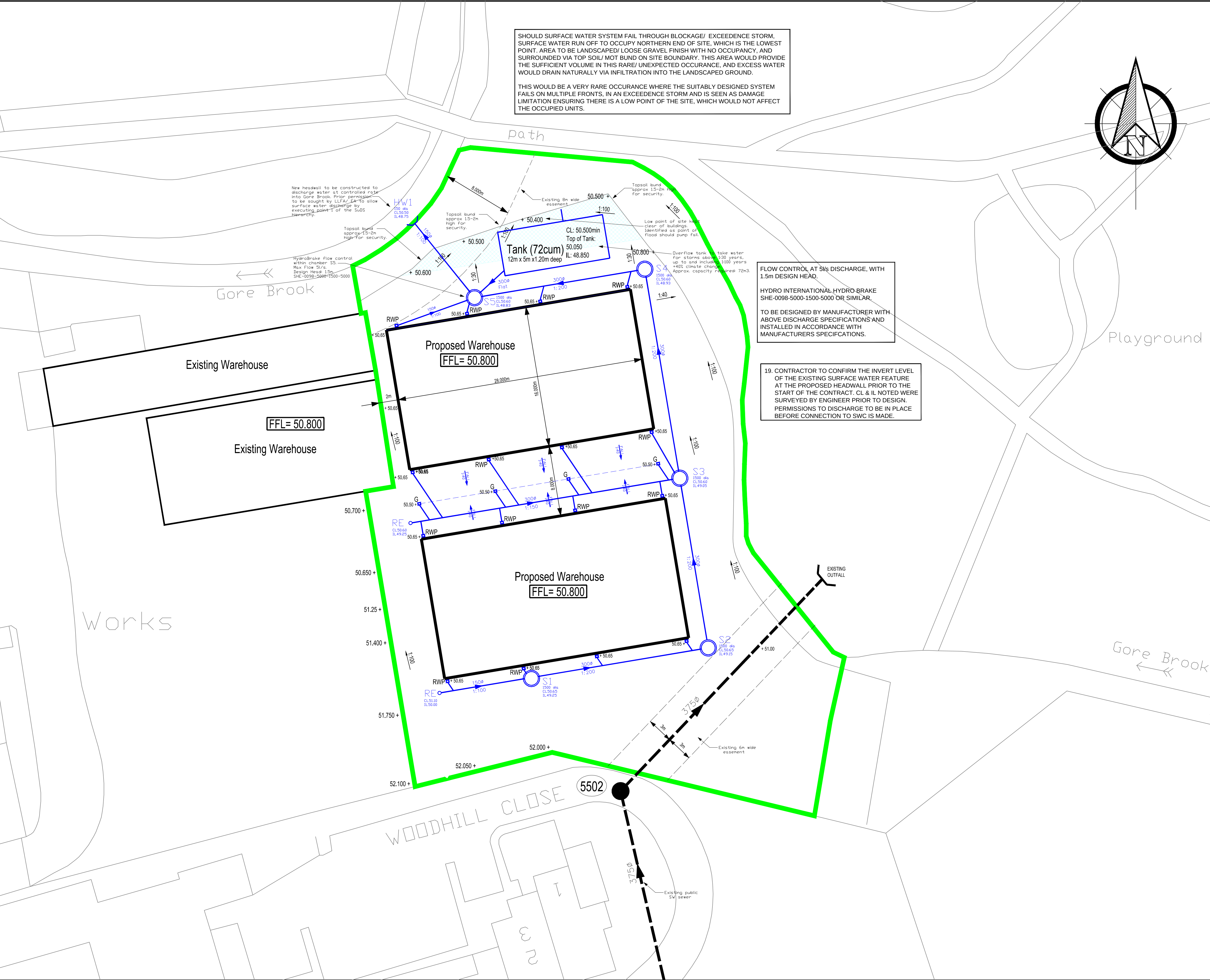




DO NOT SCALE OFF THIS DRAWING
IF IN DOUBT - ASK

NOTES

1. ALL ADAPTABLE DRAINAGE WORKS HAVE BEEN DESIGNED AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH "SEWERS FOR ADOPTION" AND UNITED UTILITIES SUPPLEMENT GUIDELINES AND STANDARD DETAILS.

2. ALL CLAY PIPEWORK SHALL BE EXTRA STRENGTH CLAYWARE TO BS EN 95:1993, PART 1.

3. ALL PRECAST CONCRETE PIPEWORK SHALL BE TO THE CLASS STATED ON THE DRAWINGS AND IN ACCORDANCE WITH BS EN 1916:2002. ALSO, ALL MANHOLES AND CHAMBERS SHALL BE TO BS EN1917:2002.

4. THE CONTRACTOR MAY ELECT TO USE REINFORCED PVC PIPES AS COVERED BY BS 4660:2000 AND BS EN 1401-1. STRUCTURED WALL UPVC PIPES TO COMPLY WITH WSA-35-63 UPVC AND INCLUDING 300mm (BY PRIOR AGREEMENT WITH ADOPTING AUTHORITY). MAXIMUM PIPE LENGTH TO BE 3.0m.

5. ALL LEVELS REFER TO TOPOGRAPHICAL SURVEY DATUM.

6. THIS DRAWING IS TO READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.

7. PLOT DRAINAGE CONNECTIONS TO SEWERS MUST BE MINIMUM 150mm DIAMETER & UNLESS OTHERWISE STATED LAID TO THE INVERT SHOWN.

8. ALL INSPECTION CHAMBERS TO BE 450mm DIAMETER POLYPROPYLENE WITH A MAXIMUM DEPTH OF 1200mm FOR STANDARD UNIT AND A MAXIMUM DEPTH OF 3000mm WHEN A 350mm REDUCING RING IS USED.

9. ALL PLOT DRAINAGE RUNS TO BE 100mm DIAMETER AT A NOMINAL FALL OF 1:60 UNLESS NOTED OTHERWISE.

10. RODDING EYES TO BE AT THE START OF EACH DRAINAGE RUN.

11. ALLOW FOR 5.0m OF ACO DRAINAGE CHANNEL PER PROPERTY AT HIGHWAY BOUNDARY.

12. SURFACE WATER FROM PLOT PARKING AREAS MUST NOT DISCHARGE ONTO THE HIGHWAY.

13. PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURILAGE OF THE PLOT THEY SERVE WHEREVER POSSIBLE.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INVERT INDICATED ON THE DRAWINGS ARE CORRECT BEFORE THE WORK COMMENCES.

15. ALL CONNECTIONS TO ADOPTABLE SEWERS SHALL BE MANUFACTURED JUNCTION PIPES. SADDLE CONNECTIONS WILL NOT BE PERMITTED, UNLESS SPECIFIED.

16. ALL SEWERS FOR ADOPTION WITH GREATER THAN 1.2m COVER IN ROADS OR 0.9m COVER IN FIELDS SHALL HAVE CLASS 5 GRANULAR BED AND SURROUND.

17. ANY SEWER FOR ADOPTION WITH LESS THAN 1.2m COVER IN ROADS OR 0.9m COVER IN FIELDS SHALL HAVE A MINIMUM OF 150mm ST4 CONCRETE SURROUND. FLEXIBILITY SHALL BE MAINTAINED BY THE PROVISION OF FLEXCELL OR SIMILAR APPROVED JOINT FILLER. FILLER BREAKS IN THE CONCRETE SURROUND AT EACH PIPE JOINT.

18. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK ALL ON-SITE EXISTING GROUND LEVELS PRIOR TO COMMENCING AND IF THERE ARE ANY DISCREPANCIES THE CONTRACTOR MUST REPORT TO THE ENGINEER IMMEDIATELY.

LEGEND

SITE BOUNDARY

NEW SW SEWER

EXISTING SW SEWER

FINISHED FLOOR LEVEL

D

06/04/21

SCHEME REVISED TO DISCHARGE IN TO GORE BROOK DIRECTLY.

C

02/7/20

OVERLAND FLOW ROUTE IDENTIFIED

B

13/10/19

DRAINAGE PLAN REVISED.

A

09/09/19

DRAINAGE PLAN REVISED.

REV.

DATE

DESCRIPTION

CLIENT

Mr Obyda Gawad

Carley Daines & Partners

Consulting Civil and Structural Engineers

11 Bridgewater Road Walkden
Worsley Manchester M28 3JE
Tel 0161 799 2720 Fax 0161 790 3474
E-mail mail@carleydaines.co.uk

TITLE

GOREBROOK WORKS
LONGSIGHT

DRAINAGE PLAN

Drawn

A.MULLIGAN

Checked

D.MIDDLETON

Date

OCTOBER 2019

Date

OCTOBER 2019

Scale 1:200 @ A1

Drawing No. 19.B.12454/20

D