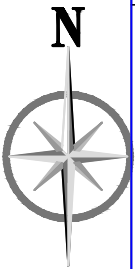


DO NOT SCALE

NOTES



LINE REGULATIONS 2015

IN LINE WITH THE ABOVE REGULATIONS WE HAVE OBLIGED TO INFORM THE CONTRACTOR OF THE RISKS THAT MAY BE ENCOUNTERED IN THE CONSTRUCTION OF THESE WORKS. ALL IDENTIFIED RISKS HAVE BEEN ASSESSED AND A RISK ASSESSMENT HAS BEEN CONSIDERED. WHEREVER POSSIBLE RISKS HAVE BEEN ELIMINATED FROM THE WORKS. WHEREVER IT IS NOT POSSIBLE TO ELIMINATE THE RISKS, THE CONTRACTOR MUST TAKE ALL NECESSARY MEASURES TO REMOVE ALL RISKS FROM THE DESIGN, WE WOULD ALSO ALSO RESPECTFULLY REQUEST THE CONTRACTOR TO TAKE ALL NECESSARY MEASURES TO ENSURE THE WORKS ARE ENSURING THAT ONLY COMPETENT WORKERS WHO HAVE A VALID SAFETY POLICY ARE EMPLOYED. WE WOULD ALSO PROVIDE SATISFACTORY RESPONSES AT TENDER STAGE AS TO THE MANAGER IN WHICH THEY DEAL WITH THE ELEMENTS OF RISK INVOLVED IN THIS TYPE OF CONSTRUCTION WORKS. THE CONTRACTOR MUST BE AWARE OF THE STRUCTURAL LIMITED BELOW

1. SUPPORT TREATMENT FOR ALL EXCAVATION WORK.
2. GUARDINGS TO EDGES OF EXCAVATIONS TO PREVENT PEOPLE, MATERIALS AND VEHICLES FALLING INTO EXCAVATIONS.
3. GUARDINGS TO EXISTING STRUCTURES OUTSIDE WORKING AREAS TO PREVENT UNAUTHORISED ACCESS.
4. GUARDING TO ADJACENT ROADS OR STRUCTURES.
5. CONFINED SPACE OPERATIONS.
6. DEALING WITH TRAFFIC.
7. TRAFFIC MANAGEMENT ON EXISTING HIGHWAYS.
8. PROCEDURE TO BE FOLLOWED IN EVENT OF AN ACCIDENT OR EMERGENCY.
9. THE CONTRACTOR MUST BE AWARE OF THE CURRENT ROADWORKS PRESENT ON SITE. CONFIRMATION WILL BE REQUIRED THAT ALL OPERATIONS ARE ADEQUATELY RISK ASSESSED.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE OVERALL STABILITY OF THE STRUCTURE.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE SEQUENCING OF WORKS INCLUDING THE DESIGN AND PROVISION OF ALL NECESSARY TEMPORARY WORKS.

THE ABOVE LIST IS BY NO MEANS EXHAUSTIVE BUT IT DOES HIGHLIGHT OPERATIONS THAT PRESENT A RISK TO CONTRACTORS AND THE GENERAL PUBLIC.

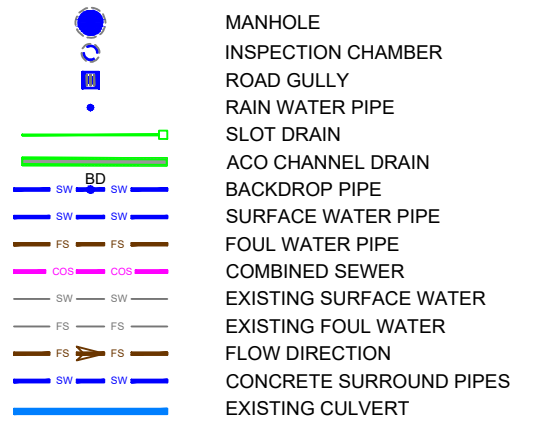
GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONNECTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS AND LEVELS SHOWN ON THIS DRAWING ARE TO BE TAKEN TO THE TOP OF THE DIMENSIONS ARE TO BE CHECKED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT OF ANY BUILDING WORKS. ANY DISCREPANCIES OR DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER.
3. ALL MATERIALS AND MATERIALS ARE TO COMPLY WITH THE CURRENT BUILDING REGULATIONS, BRITISH STANDARDS AND CODES OF PRACTICE. ALL MATERIALS MUST BE APPROVED BY THE ENGINEER. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER. THE CONTRACTOR IS TO TAKE INTO ACCOUNT EVERYTHING RECOMMENDED NECESSARY FOR THE PROPER EXECUTION OF THE WORKS WHETHER BY THE ARCHITECT OR THE ENGINEER.
4. LOCAL AUTHORITY FOR FURTHER INFORMATION RELATING TO WALL POSITIONS REFER TO LOCAL AUTHORITIES.

DRAINAGE NOTES

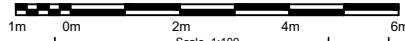
1. ALL DRAINAGE WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH ADS STRUCTURAL LTD DESIGN SPECIFICATIONS. ANY DEVIATIONS WILL NEED TO BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
2. THE CONTRACTORS ARE TO CONFIRM FIRST ALL DIMENSIONS AND LEVELS PRIOR TO THE COMMENCEMENT OF ANY WORK. DISCREPANCIES ARE TO BE HIGHLIGHTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
3. THE CONTRACTOR IS TO CONFORM TO THE ASSOCIATED STANDARDS OF BOTH BS 5752 CODE OF PRACTICE FOR BUILDING DRAINAGE AND TO SEWERS FOR DRAINAGE.
4. THE CONTRACTOR IS TO PROVIDE PROTECTION TO ALL NEW AND EXISTING ADJACENT STRUCTURES STATED WHERE THEY DO NOT CONFORM TO THE PROPOSED MEASURES TO BE PROVIDED TO THE DESIGN ENGINEER PRIOR TO THE COMMENCEMENT OF WORKS.
5. ALL PIPES WITHIN TRAFFICKED AREAS TO HAVE A MINIMUM OF 900mm COVER. ALL PIPES TO BE COVERED WITH A MINIMUM OF 150mm OF CONCRETE USING THIS STANDARD A MINIMUM OF 150mm SURROUND CONCRETE USING C20/20 AS COMBINED WITH 10% FIBRE.
6. ALL TRENCHES ARE TO HAVE ALL SOFT SPOTS FILLED WITH APPROVED GRANULAR FILL. HARD SPOTS ARE TO BE BROKEN DOWN. THE CONTRACTOR TO ENSURE ALL TRENCHES ARE TO BE BACKFILLED WITH EITHER GRANULAR FILL OR TYPE B RECYCLED MATERIAL FROM EXISTING SITE. A TRENCH WITHIN 1M OF A LOAD BEARING STRUCTURE MUST CONFORM TO BS EN 124 PART 1.
7. RWPS DISCHARGING TO A COMBINED SEWER MUST BE INSTALLED WITH TRAP.
8. ALL COVER LEVELS ARE APPROXIMATE AND ARE TO BE SET IN ACCORDANCE WITH TRAP

LEGEND



MODULAR CELL ATTENUATION TANK

1. INSTALLATION OF HANK UNITS ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION AND CONSTRUCTION GUIDE.
2. TANKS ARE TO BE FULLY ENCAPSULATED WITH 1mm THICK IMPERMEABLE MEMBRANE.
3. UNITS ARE TO BE SECURED TOGETHER FOLLOWING MANUFACTURERS INSTALLATION SPECIFICATION.
4. VENTILATION PIPES ARE TO BE INSTALLED WHERE POSSIBLE WITHIN SOFT LANDSCAPED AREAS AND ARE TO BE SITUATED AWAY FROM BUILDINGS, NUMBERS AND LOCAL AREAS TO BE AGREED.
5. TANK ACCESS POINTS TO BE INSTALLED IN ACCORDANCE TO THE INSTALLATION OF NUMBERS AND LOCATIONS TO BE AGREED.
6. IF LEVELS ALARMS ARE REQUIRED THEN DUCTING MUST BE PROVIDED AS WELL AS CONCRETE PLINTH IF CONTROL UNIT TO BE INSTALLED.



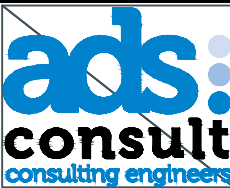
P3	28.08.24	ADJUSTED AS PER COMMENTS	SJ	SH	A
P2	28.08.24	ADJUSTED AS PER COMMENTS	SJ	SH	A
P1	21.08.24	FIRST ISSUE	SJ	SH	A
REV	DATE	REVISION DETAILS	DRN	CHK	A

CLIENT
LOWTON DEVELOPMENTS

PROJECT:
RESIDENTIAL DEVELOPMENT
SCHWABE ST, MIDDLETON

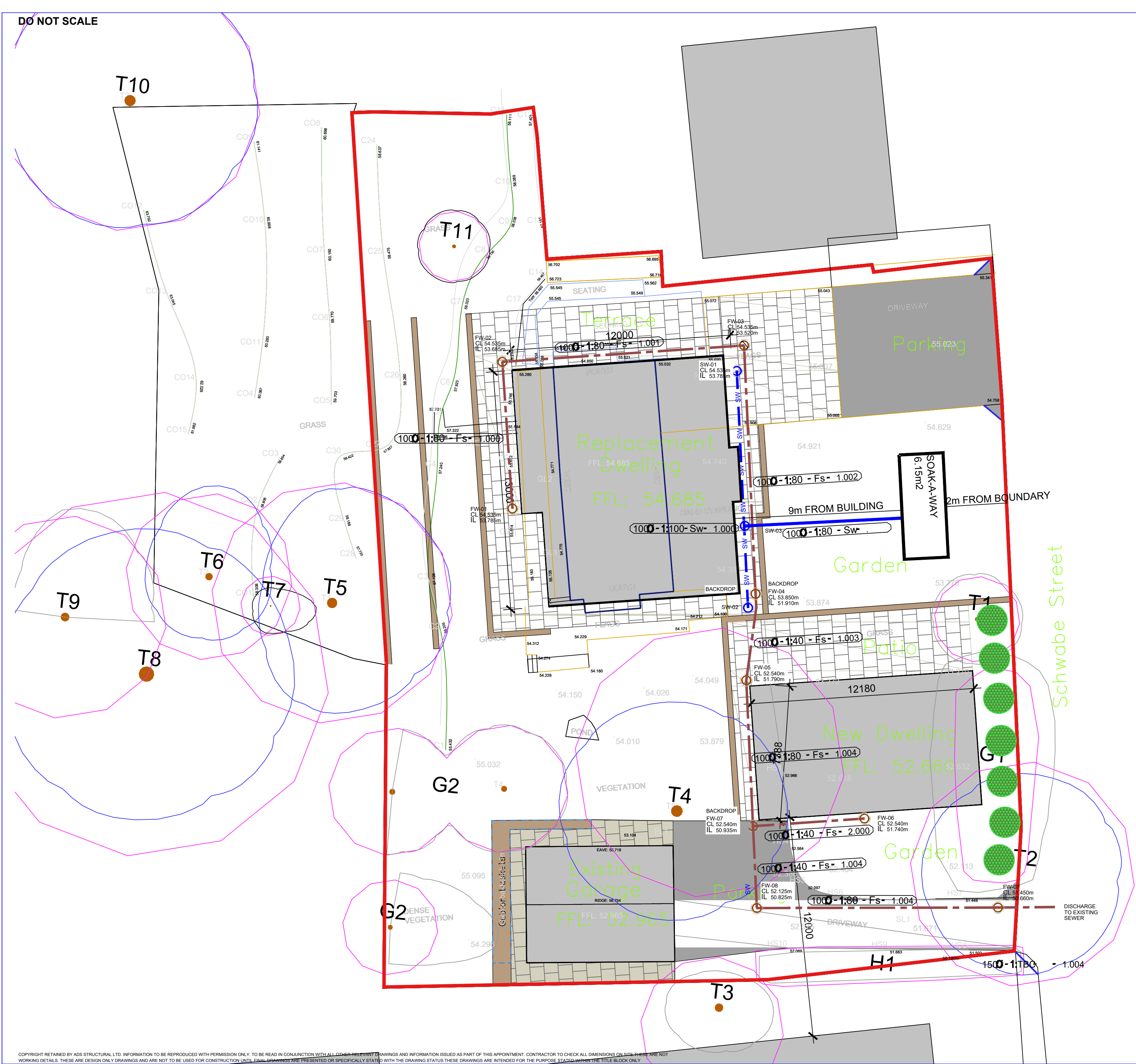
DRAWING TITLE:
DRAINAGE STRATEGY

DRAWING STATUS: **PRELIMINARY**



**107 Mere Grange
Business Park, Leaside
Helens, WA9 5GG
Tel: 0151 541 4000
info@adsstructural.co.uk**

1:100 XXXX-ADS-XX-00-DR-C-500



COPYRIGHT RETAINED BY ADS STRUCTURAL LTD. INFORMATION TO BE REPRODUCED WITH PERMISSION ONLY. TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND INFORMATION ISSUED AS PART OF THIS APPOINTMENT. CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE THESE ARE NOT WORKING DETAILS. THESE ARE DESIGN ONLY DRAWINGS AND ARE NOT TO BE USED FOR CONSTRUCTION UNTIL FINAL DRAWINGS ARE PRESENTED OR SPECIFICALLY STATED WITH THE DRAWING STATUS. THESE DRAWINGS ARE INTENDED FOR THE PURPOSE STATED WITHIN THE TITLE BLOCK ONLY