

KEY

- APPROX SITE BOUNDARY
- ← EXISTING WESSEX WATER FOUL WATER SEWER
- - - ← PROPOSED PRIVATE SURFACE WATER DRAINAGE
- - - ← PROPOSED PRIVATE FOUL WATER DRAINAGE
- - - ← PROPOSED COMBINED WATER DRAINAGE
- - - S PROPOSED SURFACE WATER CHANNEL DRAIN WITH SUMP OUTLET
- ROOF AREA (35m<sup>2</sup>)
- IMPERMEABLE AREA (15.5m<sup>2</sup>)
- GREEN ROOF AREA (22m<sup>2</sup>)
- INDICATIVE PROPOSED PILE FOUNDATIONS
- - - INDICATIVE PROPOSED GROUND BEAMS

GENERAL NOTES



1. DO NOT SCALE FROM THIS DRAWING, IF IN DOUBT ASK.
2. ALL DIMENSIONS ARE SHOWN IN MILLIMETRES, ALL LEVELS ARE SHOWN IN METRES.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND PROJECT SPECIFICATIONS.
4. THE BASE DRAWING HAS BEEN PROVIDED BY OTHERS.
5. ALL PIPE LENGTHS AND GRADIENTS ARE BASED ON CENTRE OF MANHOLE TO CENTRE OF MANHOLE AND ARE APPROXIMATE.
6. ALL PIPES LAID WITH LEVELS SOFFITS AND ALL MANHOLE/INSPECTION CHAMBER INVERT LEVELS SHOWN ARE FOR THE OUTLET PIPE (UNLESS OTHERWISE SHOWN). PIPE RUNS SHALL BE LAID TO BE THE LEVELS INDICATED AND ALL PIPE GRADIENTS INDICATED ARE APPROXIMATE.
7. ALL BUILDING DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BS EN:752 DRAIN AND SEWER SYSTEMS OUTSIDE BUILDING, THE CURRENT BUILDING REGULATIONS AND THE LOCAL AUTHORITY BUILDING CONTROL SPECIFICATIONS AND REQUIREMENTS.
8. ANY DRAINAGE AS DESIGNATED OUTSIDE OF THE SITE PUT FORWARD FOR ADOPTION CONSTRUCTED TO "DCG" AND ANY SPECIFIC REQUIREMENTS OF THE ADOPTING AUTHORITY.
9. RAINWATER PIPES - ALL CONNECTIONS FROM RWP'S TO BE 100 1/60 MIN WITH CLASS Z BEDDING UNO. RWP'S ARE SHOWN INDICATIVELY, FOR EXACT LOCATIONS REFER TO ARCHITECT'S DETAILS.
10. THRESHOLD DRAINS - WHERE REQUIRED, SLOT DRAIN TO BE PROVIDED ACROSS DOORWAYS IN-LINE WITH ARCHITECT'S DETAILS AND CONNECTED WITH 100 OUTLET TO NEAREST AVAILABLE SURFACE WATER DRAIN WITH JUNCTION OR DIRECT TO MANHOLE/PPIC.
11. WASTE PIPE CONNECTIONS - ALL CONNECTIONS FROM FOUL DRAINAGE POINTS TO BE 100 1:40 MIN UNO. WHERE PIPE RUNS ARE WITHIN FLOOR VOID CLASS ZX BEDDING SURROUND SHALL BE USED (REFER TO STANDARD DETAILS DRAWINGS) OTHERWISE CLASS S BEDDING TO BE USED. WASTE PIPE CONNECTIONS ARE SHOWN INDICATIVELY, FOR EXACT LOCATIONS REFER TO ARCHITECT'S DETAILS.
12. ALL EXTERNAL PIPEWORK TO BE LAID WITH A CLASS S PIPE BEDDING DETAIL WITH 1.2m MINIMUM COVER TO THE PIPE BARREL UNDER VEHICULAR TRAFFICKED AREAS, 0.9m COVER UNDER FIELDS AND 0.6m COVER UNDER FOOTWAYS AND GARDENS.
13. UNLESS OTHERWISE NOTED ON THE DRAWING WHERE COVER IS LESS THAN THAT STATED ABOVE, A CLASS Z PIPE BEDDING DETAIL SHALL BE USED.
14. WHERE TWO PIPELINES CROSS WITH LESS THAN 300mm BETWEEN PIPES, EACH PIPE SHOULD BE SURROUNDED WITH A FULL CONCRETE BED AND SURROUND (CLASS Z DETAIL) FOR NOT LESS THAN 1m CENTRED ON THE CROSSING AND EXTENDED AS REQUIRED TO WITHIN 150mm OF THE NEAREST FLEXIBLE JOINT.
15. NO MECHANICAL COMPACTION OF FILL MATERIAL SHALL BE PERMITTED WITHIN 300mm ABOVE THE BARREL/CROWN OF THE PIPE.
16. THE LOCATION, SIZE AND DEPTH OF ALL EXISTING DRAINS/SEWERS AND SERVICES SHALL BE ESTABLISHED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS ON SITE. ANY DISCREPANCIES FROM THE INFORMATION INDICATED ON THESE DRAWINGS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
17. ALL LEVELS AND DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

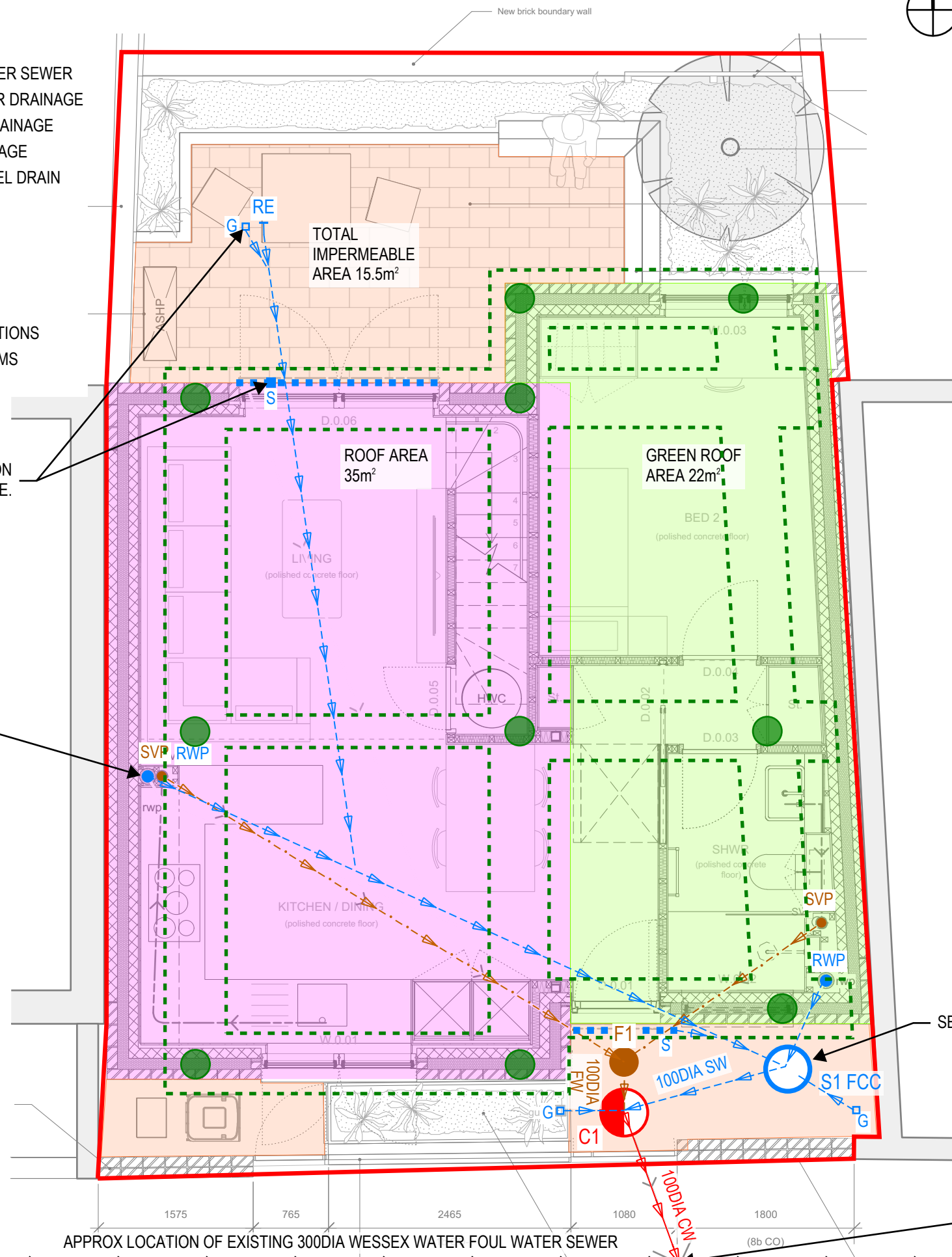
SUMP AND GULLY TO JUNCTION ONTO RUN FROM RE.

RWP TO HAVE ABOVE GROUND RODDING ACCESS.

WESSEX WATER HAVE ACCEPTED A 1l/s CONNECTION FOR SURFACE WATER RUNOFF TO THE 300Ø FOUL WATER SEWER IN ST ANDREW'S ROAD FOR ALL STORMS UP TO THE 1 IN 30 YEAR EVENT IN ACCORDANCE WITH THE POLICY WWDS-DEV 063P. EMAIL DATED 18/07/2023.

NOTE  
S1 FLOW CONTROL CHAMBER  
SURFACE WATER FLOW CONTROL DEVICE ORICHAMBER BY JFC CIVILS TO RESTRICT FLOWS.  
DESIGN FLOW 1l/s  
DESIGN HEAD 0.4m  
ORIFICE DIAMETER 30mm  
ORIFICE CHAMBER FITTED WITH HIGH LEVEL OVERFLOW FOR EXTREME EVENTS.

NOT FOR CONSTRUCTION



APPROX LOCATION OF EXISTING 300DIA WESSEX WATER FOUL WATER SEWER

SEE NOTE FOR S1 FCC

PROPOSED COMBINED WATER JUNCTION CONNECTION TO 300Ø FOUL WATER SEWER WITH LEVEL SOFFITS SUBJECT TO S106 APPLICATION AND THIRD PARTY LAND ACCESS. LEVELS TO BE CONFIRMED.

ST ANDREW'S ROAD

**STRUCTURAL SOLUTIONS**

Dairy Studios | 102 Lincoln Street | Bristol | BS5 0BJ | 0117 924 5014

PROJECT  
**80 ST ANDREW'S ROAD, BRISTOL BS6 5EJ**

TITLE  
**FOUL AND SURFACE WATER DRAINAGE SCHEME**

PROJECT NO. <b>10022GA21</b>	SCALE: <b>1:50 @ A3</b>	DRAWING NO. <b>SK500</b>
DATE <b>23/06/23</b>	BY <b>RV</b>	CHK <b>CHK</b>
		REV <b>P3</b>