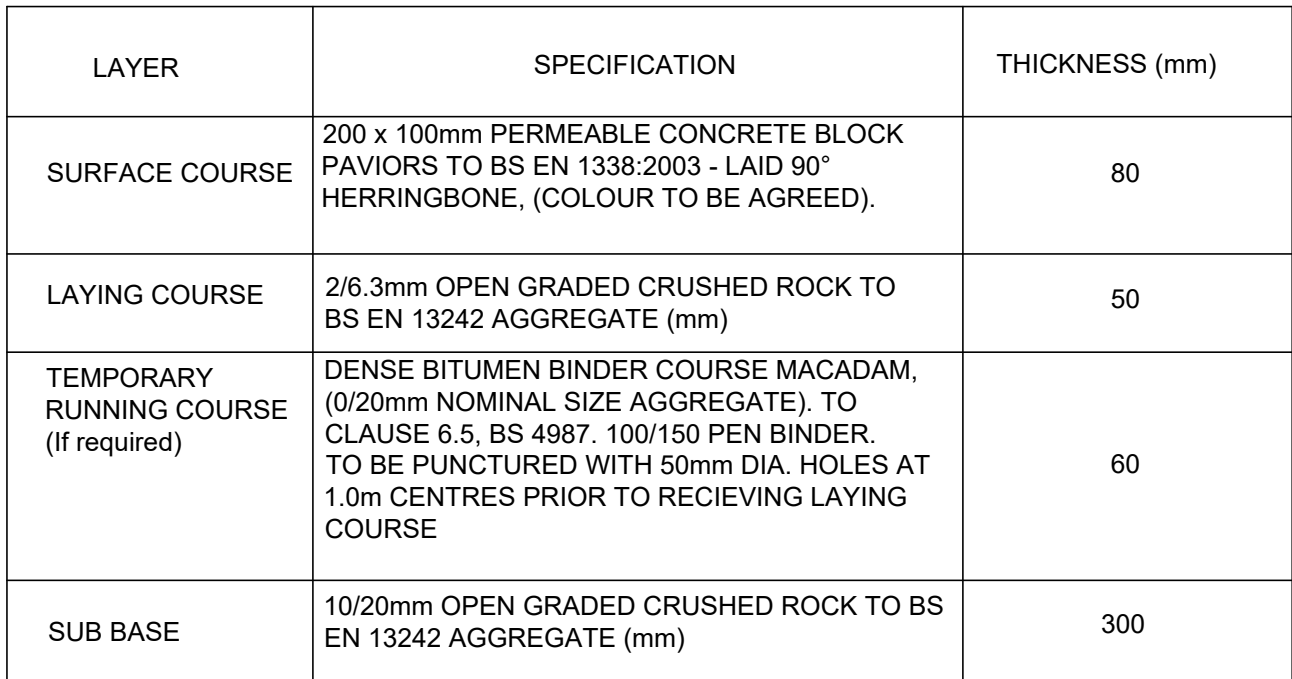
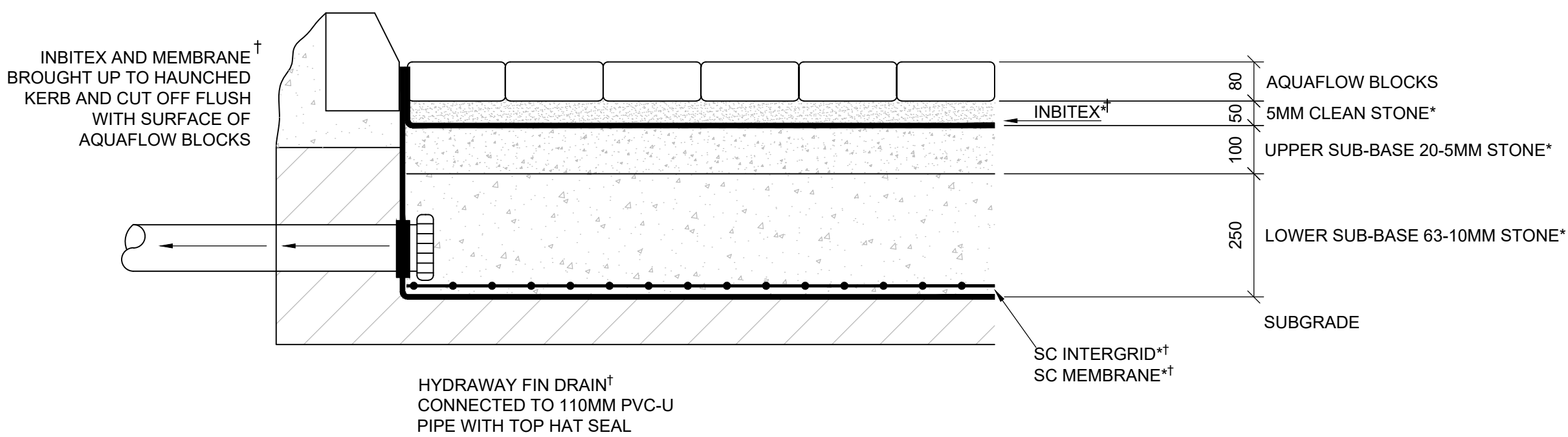
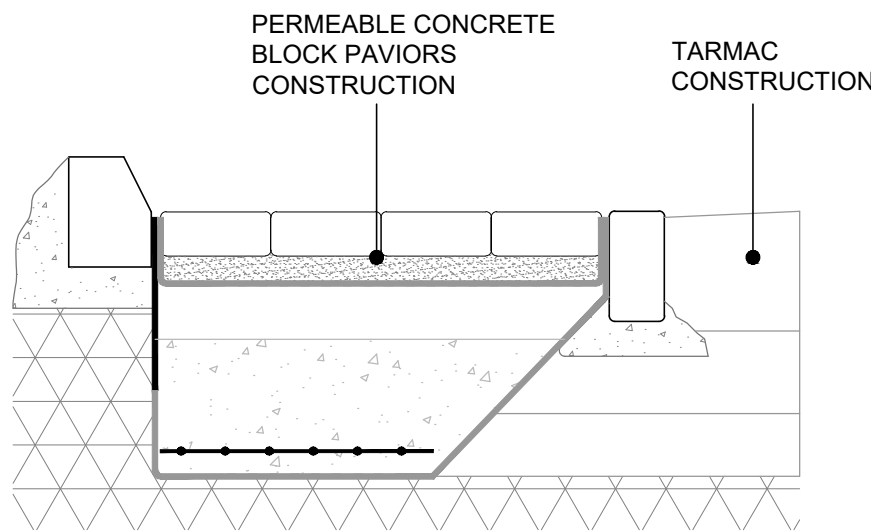
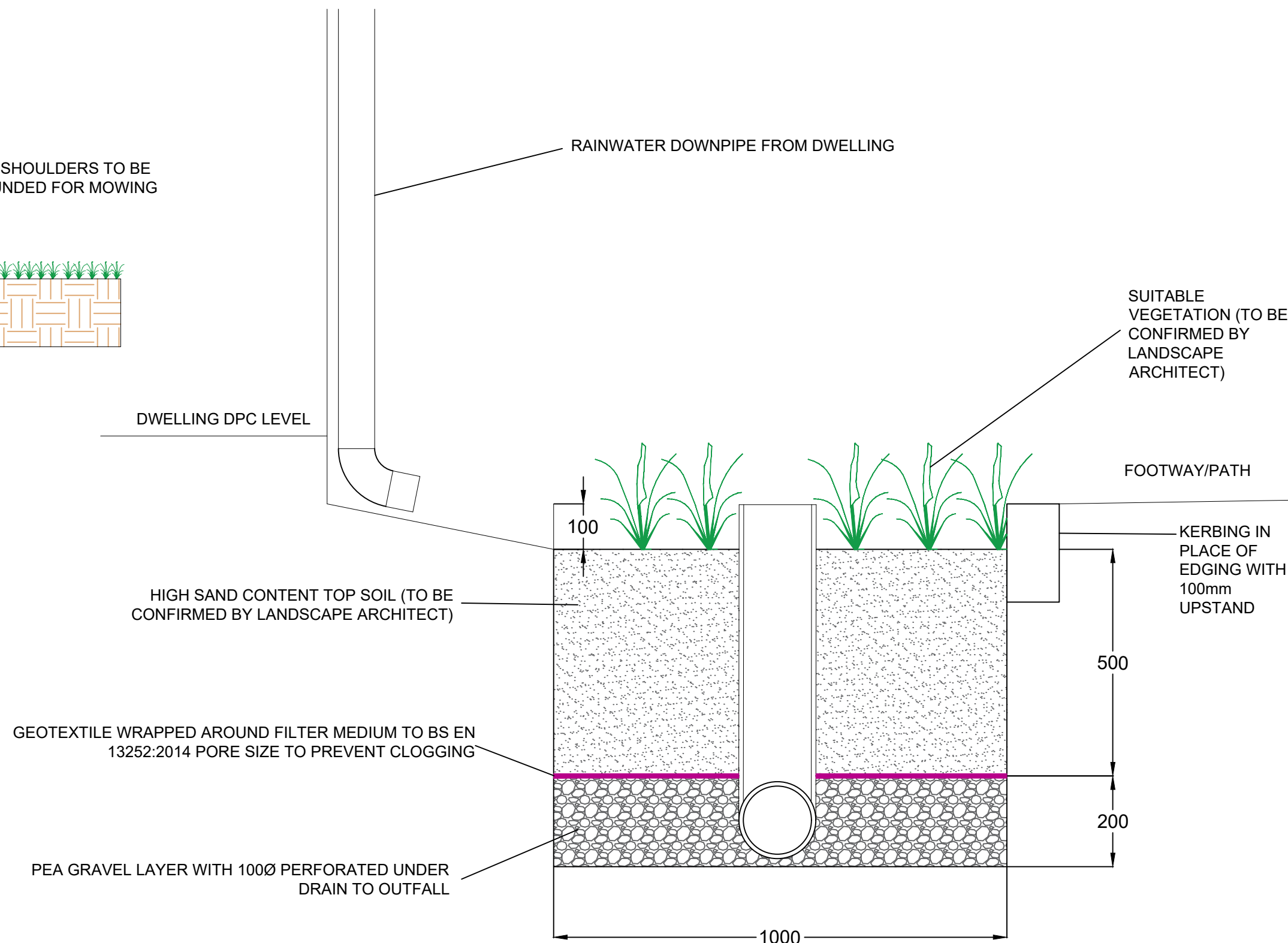




1. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH "INTERPAVE PERMEABLE PAVEMENT MANUAL" 4th EDITION OR SIMILAR APPROVED.



PARKING AREAS SUBJECT TO TRAFFICKING BY CARS AND VANS ONLY
SCALE 1:10



SEWER ADOPTION NOTES:

1. ALL WORKS FOR ADOPTION UNDER A SECTION 104 AGREEMENT SHALL BE CARRIED OUT TO THE NATIONAL WATER COUNCIL GUIDE "SEWERS FOR ADOPTION" 7TH EDITION AND THE "SEWERS FOR ADOPTION" 7TH EDITION AND THE "SEWERS FOR ADOPTION" 7TH EDITION AS THE STATUTORY SEWERAGE UNDERTAKER AND THE WELSH NATURE WATER STANDARDS.
2. THE 150mm TO 400mm APPLICATION TO CONNECT MUST BE MADE TO THE DEVELOPER SHALL ONE 21 DAYS NOTICE PRIOR TO CONNECTION, THE WORKS MAY ONLY BE UNDERTAKEN BY A DOWM HEALTH & SAFETY APPROVED CONTRACTOR.
3. AN ACCREDITED CONTRACTOR BY THE BRITISH PLASTICS FEDERATION WILL BE USED TO LAY ANY ADOPTABLE PLASTICS PIPES. A COPY OF THE ACCREDITATION CERTIFICATE SHALL BE SUPPLIED TO DOWM BEFORE ANY WORK IS PLACED OR WORK COMMENCES ON SITE.

GENERAL NOTES:

1. THE PLANNING, DESIGN AND CONSTRUCTION OF SEWERS SHALL BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION.
2. THE MINIMUM SIZE OF SEWER WHERE GUIDE BARS, SAFETY CHAINS, OR OTHER SAFETY DEVICES ARE REQUIRED IN MANHOLES SHALL BE 375mm DIAMETER.
3. ALL TYPE 1 AND 2 MANHOLES SHOULD HAVE A CONCRETE SURROUND, CONCRETE RINGS SHALL BE SEALED USING JOINTS NOT LIFTING EYES POINTED WITH RESIN MODIFIED MORTAR.
4. COMPLIANCE WITH HEALTH AND SAFETY MATTERS (ANY TRENCH/MANHOLE IS OBLIGATORY AND A PERMIT TO ENTER A CONFINED SPACE IS REQUIRED WHEN CONDUCTING SITE DRAINAGE TO THE EXISTING PUBLIC SEWERAGE SYSTEM. A PERMIT TO ENTER A CONFINED SPACE WILL BE OBTAINED FROM DOWM PRIOR TO WORKS COMMENCING ON ANY PUBLIC SEWERAGE SYSTEM.)
5. WHERE THE PROPOSED SITE DRAINAGE CONNECTS TO THE PUBLIC SEWERAGE SYSTEM, THE PROPOSED CONNECTION, NEW MANHOLE OR AT AN EXISTING MANHOLE OR AT AN EXISTING MANHOLE, IT WILL REQUIRE THE SUBMISSION OF AN APPLICATION FOR SEWER CONNECTIONS FORM DOWM PRIOR TO WORKS COMMENCING.
6. MH COVERS AND FRAMES SHALL BE DOUBLED UP WITH A MINIMUM SQUARE COVER OF 675x675mm. COVERS SHALL BE DOUBLE TRAPPED FOR 475mm SQUARE OPENINGS AND BE PROVIDED WITH LOOSE BOLTED CONNECTIONS. TRAP COVERS ARE 150mm DEEP BUT IN ALL CASES THE FRAMES SHALL COMPLY WITH S171.
7. PROPOSED ADOPTABLE SEWERS ARE ONLY PERMITTED TO HAVE OTHER SEWER/GULLY CONNECTIONS AND OTHER SERVICES LAD AT AN ANGLE OF BETWEEN 45 AND 90 ACROSS THE LINE WITH A VERTICAL CLEARANCE IN EXCESS OF 300mm.
8. ALL BROWNSHAW TO BE KITE MARKED BY ISS OR CERTIFIED BY QUALITY INSPECTION AUTHORITY.
9. RED COLOURED PLASTIC MARKER TAPE AT LEAST 150mm DEEP SHALL BE LAD AT A MINIMUM OF 200mm ABOVE THE SLOTT OF THE PIPE, THE TAPE SHALL BE PRINTED WITH THE WORDS "GRAVITY SEWER" IN GOLD CAPITAL LETTERS.
10. ALL SEWERS SHALL BE INSTALLED AT AN ANGLE OF NOT EXCEEDING 700mm AND SHALL INCORPORATE A CORROSION RESISTANT TRACING SYSTEM FOR NON-METALLIC PIPES.
11. ALL WORKS TO BE ADOPTED UNDER THE SECTION 104 AGREEMENT SHALL BE INSPECTED BY DOWM IN ACCORDANCE WITH THEIR REQUIREMENTS (FOUL AND SURFACE SEWERS).
12. ALL WORKS TO BE ADOPTED UNDER THE SECTION 30 AGREEMENT SHALL BE INSPECTED BY ACT IN ACCORDANCE WITH THEIR REQUIREMENTS (HIGHWAY DRAINAGE).
13. REFER TO LONGITUDINAL SECTIONS FOR DETAILS OF PIPE SIZES, INVERT LEVELS, BEDDING, ETC.
14. SUBJECT TO DRAINAGE AUTHORITY APPROVAL, PLASTIC PIPES FOR GRAVITY SEWER, 150mm - 300mm ARE TO BE EITHER:
 - POLYURETHAN THERMAL SYSTEM
 - UPONOR ULTRATHIN SYSTEM
 - COMA ULTRATHIN SYSTEM
 - POLYURETHAN THERMAL SYSTEM
15. PLASTIC PIPES APPROVED BY DOWM FOR LARGE GRAVITY SEWERS ARE:
 - POLYURETHAN - ROSSWORTH (400mm-800mm)
 - POLYURETHAN - REGISTRATION X (750mm-900mm)
16. ANY PROPOSED CHANGES TO THE MATERIAL MUST BE AUTHORISED BY DOWM.
17. SULPHATE RESISTING PORTLAND CEMENT SHALL BE USED FOR ALL CONCRETES AND MORTARS HAVING PRESENT COMpressive STRENGTH OF 20N/mm2 OR GREATER (INCLUDING EQUAL CEMENT PRODUCTS), UNLESS NOTES INDICATE OTHERWISE.
18. Foul WATER MANHOLES TO BE BAGED "TYP", SURFACE WATER MANHOLES TO BE BAGED "ST".

[illegible]

-	05/06/20	First Issue	PBO	SJD
REV:	DATE	DETAILS	BY,	CHK,
AMENDMENTS				

WDL Homes
Making a house into your new home

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PROJECT:

WDL Homes
Trefechan

DRAWING TITLE:

SAB Construction Details

Sheet 1 of 4

DRAWN:	CHK:	STATUS:	SCALE:
TOR	SJD	Approval	NTS @ A1
DATE:	JOB NO.	DRG. NO.	REV.
June 2020	1914	113-1	-