

 Foul Water Sewer
 Foul Sewer Easement

- 2.1 All adoptable drainage works to be in accordance with the Sewerage Sector Guidance (SSG)-
- 2.2 All adoptable drainage to be either:-
Vitrified Clayware to BS 65 and BS EN 295.
OR
Concrete to BS 5911 Part 100 Class M loading and flexibly jointed (Class 3 Sulphate resistant cement).

- 2.3 All precast concrete units are to be to BS 5911 (Class 3 Sulphate resistant cement).
- 2.4 All manhole covers and frames are to be to BS EN 124 and kite marked (refer to schedule for load class) and badged 'FW' or 'SW' as appropriate.
- 2.5 All gully grates and frames to be to BS EN 124 Class D400
- 2.6 Where foul and surface water sewers cross and there is less than 100mm clearance short lengths of both runs are to be encased in concrete.
- 2.7 All gully connections are to be made via pre-formed junctions.
- 2.8 For pipe bedding and backfill details refer to drawing number BA00378-C23.

Site plan of a residential development. The plan shows numerous building footprints, parking spaces, and utility lines. A yellow hatched area highlights a specific section of the plan. The plan includes labels for various plots, garages, and utility structures like manholes and sewers.

Key features and labels include:

- Utility Lines:** 150" AMU PUBLIC SW SEWER, 22" AMU PUBLIC SW SEWER, 150" AMU PUBLIC TW SEWER.
- Manholes:**
 - AWU MH SW6751 CL80.508 (RECORDS OBTAINED FROM AWU)
 - AWU MH SW6751 CL80.576 IL78.356 (RECORDS OBTAINED FROM AWU)
 - AWU MH FW6700 CL80.210 IL78.360 (RECORDS OBTAINED FROM AWU)
- Plots and Garages:**
 - PLOT 1, PLOT 2, PLOT 3, PLOT 4, PLOT 5, PLOT 6, PLOT 7, PLOT 8, PLOT 9, PLOT 10, PLOT 11, PLOT 12, PLOT 13, PLOT 14, PLOT 15, PLOT 16, PLOT 17, PLOT 18, PLOT 19, PLOT 20, PLOT 21, PLOT 22, PLOT 23, PLOT 24, PLOT 25, PLOT 26, PLOT 27, PLOT 28, PLOT 29, PLOT 30, PLOT 31, PLOT 32, PLOT 33, PLOT 34, PLOT 35, PLOT 36, PLOT 37, PLOT 38, PLOT 39, PLOT 40, PLOT 41, PLOT 42, PLOT 43, PLOT 44, PLOT 45, PLOT 46, PLOT 47, PLOT 48, PLOT 49, PLOT 50, PLOT 51, PLOT 52, PLOT 53, PLOT 54, PLOT 55, PLOT 56, PLOT 57, PLOT 58, PLOT 59, PLOT 60, PLOT 61, PLOT 62, PLOT 63, PLOT 64, PLOT 65, PLOT 66, PLOT 67, PLOT 68, PLOT 69, PLOT 70, PLOT 71, PLOT 72, PLOT 73, PLOT 74, PLOT 75, PLOT 76, PLOT 77, PLOT 78, PLOT 79, PLOT 80, PLOT 81, PLOT 82, PLOT 83, PLOT 84, PLOT 85, PLOT 86, PLOT 87, PLOT 88, PLOT 89, PLOT 90, PLOT 91, PLOT 92, PLOT 93, PLOT 94, PLOT 95, PLOT 96, PLOT 97, PLOT 98, PLOT 99, PLOT 100.
 - GARAGE 1, GARAGE 2, GARAGE 3, GARAGE 4, GARAGE 5, GARAGE 6, GARAGE 7, GARAGE 8, GARAGE 9, GARAGE 10, GARAGE 11, GARAGE 12, GARAGE 13, GARAGE 14, GARAGE 15, GARAGE 16, GARAGE 17, GARAGE 18, GARAGE 19, GARAGE 20, GARAGE 21, GARAGE 22, GARAGE 23, GARAGE 24, GARAGE 25, GARAGE 26, GARAGE 27, GARAGE 28, GARAGE 29, GARAGE 30, GARAGE 31, GARAGE 32, GARAGE 33, GARAGE 34, GARAGE 35, GARAGE 36, GARAGE 37, GARAGE 38, GARAGE 39, GARAGE 40, GARAGE 41, GARAGE 42, GARAGE 43, GARAGE 44, GARAGE 45, GARAGE 46, GARAGE 47, GARAGE 48, GARAGE 49, GARAGE 50, GARAGE 51, GARAGE 52, GARAGE 53, GARAGE 54, GARAGE 55, GARAGE 56, GARAGE 57, GARAGE 58, GARAGE 59, GARAGE 60, GARAGE 61, GARAGE 62, GARAGE 63, GARAGE 64, GARAGE 65, GARAGE 66, GARAGE 67, GARAGE 68, GARAGE 69, GARAGE 70, GARAGE 71, GARAGE 72, GARAGE 73, GARAGE 74, GARAGE 75, GARAGE 76, GARAGE 77, GARAGE 78, GARAGE 79, GARAGE 80, GARAGE 81, GARAGE 82, GARAGE 83, GARAGE 84, GARAGE 85, GARAGE 86, GARAGE 87, GARAGE 88, GARAGE 89, GARAGE 90, GARAGE 91, GARAGE 92, GARAGE 93, GARAGE 94, GARAGE 95, GARAGE 96, GARAGE 97, GARAGE 98, GARAGE 99, GARAGE 100.
- Other Labels:** 229720N, 229700N, 229680N, 229660N, 229640N, 229620N, 229600N, 229580N, 229560N, 229540N, 229520N, 229500N, 229480N, 229460N, 229440N, 229420N, 229400N, 229380N, 229360N, 229340N, 229320N, 229300N, 229280N, 229260N, 229240N, 229220N, 229200N, 229180N, 229160N, 229140N, 229120N, 229100N, 229080N, 229060N, 229040N, 229020N, 229000N, 228980N, 228960N, 228940N, 228920N, 228900N, 228880N, 228860N, 228840N, 228820N, 228800N, 228780N, 228760N, 228740N, 228720N, 228700N, 228680N, 228660N, 228640N, 228620N, 228600N, 228580N, 228560N, 228540N, 228520N, 228500N, 228480N, 228460N, 228440N, 228420N, 228400N, 228380N, 228360N, 228340N, 228320N, 228300N, 228280N, 228260N, 228240N, 228220N, 228200N, 228180N, 228160N, 228140N, 228120N, 228100N, 228080N, 228060N, 228040N, 228020N, 228000N, 227980N, 227960N, 227940N, 227920N, 227900N, 227880N, 227860N, 227840N, 227820N, 227800N, 227780N, 227760N, 227740N, 227720N, 227700N, 227680N, 227660N, 227640N, 227620N, 227600N, 227580N, 227560N, 227540N, 227520N, 227500N, 227480N, 227460N, 227440N, 227420N, 227400N, 227380N, 227360N, 227340N, 227320N, 227300N, 227280N, 227260N, 227240N, 227220N, 227200N, 227180N, 227160N, 227140N, 227120N, 227100N, 227080N, 227060N, 227040N, 227020N, 227000N, 226980N, 226960N, 226940N, 226920N, 226900N, 226880N, 226860N, 226840N, 226820N, 226800N, 226780N, 226760N, 226740N, 226720N, 226700N, 226680N, 226660N, 226640N, 226620N, 226600N, 226580N, 226560N, 226540N, 226520N, 226500N, 226480N, 226460N, 226440N, 226420N, 226400N, 226380N, 226360N, 226340N, 226320N, 226300N, 226280N, 226260N, 226240N, 226220N, 226200N, 226180N, 226160N, 226140N, 226120N, 226100N, 226080N, 226060N, 226040N, 226020N, 226000N, 225980N, 225960N, 225940N, 225920N, 225900N, 225880N, 225860N, 225840N, 225820N, 225800N, 225780N, 225760N, 225740N, 225720N, 225700N, 225680N, 225660N, 225640N, 225620N, 225600N, 225580N, 225560N, 225540N, 225520N, 225500N, 225480N, 225460N, 225440N, 225420N, 225400N, 225380N, 225360N, 225340N, 225320N, 225300N, 225280N, 225260N, 225240N, 225220N, 225200N, 225180N, 225160N, 225140N, 225120N, 225100N, 225080N, 225060N, 225040N, 225020N, 225000N, 224980N, 224960N, 224940N, 224920N, 224900N, 224880N, 224860N, 224840N, 224820N, 224800N, 224780N, 224760N, 224740N, 224720N, 224700N, 224680N, 224660N, 224640N, 224620N, 224600N, 224580N, 224560N, 224540N, 224520N, 224500N, 224480N, 224460N, 224440N, 224420N, 224400N, 224380N, 224360N, 224340N, 224320N, 224300N, 224280N, 224260N, 224240N, 224220N, 224200N, 224180N, 224160N, 224140N, 224120N, 224100N, 224080N, 224060N, 22404

Notes:
1.1 Do not scale from this drawing.
1.2 All dimensions are in m unless otherwise specified.
1.3 In case of any discrepancies in drawings or details refer to engineer for clarification. Unilateral decisions by the contractor will not be accepted.
1.4 This drawing is to be read in conjunction with all related Architects, Consultants & Sub-Contractors drawings and specifications.
1.5 The Contractor is to ensure that all design drawings and information are read concurrently and any discrepancies or omissions reported directly to Aventus Design.
1.6 This drawing is based upon the survey by Mark Beaver Surveying, reference 1021/03A dated 8th December 2022 provided in digital format.
1.7 Level datum of survey relate to OSGB36(02).
1.8 The grid relates to Ordnance Survey.
1.9 The Contractor must check the levels of all existing drainage outfalls prior to construction of any drainage, unless otherwise agreed, to ensure the proposed design may be achieved. Any discrepancies must be reported immediately to Aventus Design.
1.10 Sulphates have been determined as class 1 (DS-1) for design purposes in accordance with BRE Special Digest 1 (2001). Buried Concrete to be in accordance with ACEC Site Class AC-1.
1.11 All external building dimensions are to be checked against the Architects drawings prior to any construction commencing.
1.12 All adoptable highway works to be in accordance with the Local Authorities Specifications.
1.13 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for connections etc.
1.14 Formation to road/hardstanding to be proof rolled and any soft spots in subgrade of road/hardstanding areas are to be excavated and replaced with well compacted sub-base or free draining granular material to Department of Transport Specification for Highway Works Part 2' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4/.

Aventus Design have considered and where reasonably practicable avoided foreseeable risks in the preparation of the design shown on this, and related drawings. Significant risks which remain and associated control measures are identified in the Risk Register and should be given particular attention by the main contractor on site.

RISKS RELATING TO THIS DRAWING:

RISK NUMBERS 6 - 9 on Risk Register

NOTE: The Risk Register records only those elements considered unusual, difficult to manage or outside the anticipated expertise of a competent contractor.

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Title: S104 -Adoption Layout 1:500			
Drawing no. BA00378-C15		Avenius Ref. H1402	
Issue: B	Scale: 1:500 @ A1	Checked: -	Date: -
	Dim: S.U. Date: Nov '23	Approved: -	Date: -

ORIGINAL SIZE - A1

250mm 200mm 150mm 100mm 50mm