

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND DOCUMENTS TO BE TAKEN IN PREFERENCE TO SCALDED DIMENSIONS.
2. ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.
4. THE CONTRACTOR IS TO ENSURE THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROFOUND AND SHALLOW GROUND BRACING AND PROVISIONS FOR STABILISING EXISTING CONSTRUCTIONS.
5. THE CONTRACTOR IS TO ENSURE THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROFOUND AND SHALLOW GROUND BRACING AND PROVISIONS FOR STABILISING EXISTING CONSTRUCTIONS.
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7. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY FOR ANY CONSTRUCTIONAL WORKS TO THE EXISTING PROPERTY. EXCAVATED SOILS TO CLAIM REINFORCEMENT FROM ABNORMAL TIP REQUIREMENTS WILL BE ENTERTAINED.

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DRAINAGE NOTES

1. ADAPTABLE HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH LOCAL AUTHORITY DESIGN GUIDANCE.

2. FOR CONSTRUCTION DETAILS REFER TO THE RELEVANT ARCHITECTURE DRAWINGS NUMBERS LISTED ON THE DRAWING ISSUE SHEET.

3. ADAPTABLE HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH LOCAL AUTHORITY DESIGN GUIDANCE.

4. ANY WORKS ASSOCIATED WITH THE HIGHWAY (EXTERNAL WORKS INCLUDING HIGHWAY DRAINS) SHALL BE IN ACCORDANCE WITH THE HIGHWAYS AGENCY MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOL 1, (MCHW), UNLESS OTHERWISE SPECIFIED.

5. ALL ADAPTABLE DRAINAGE WORKS TO BE CONSTRUCTED AS DE ADVISED IN THE CODE FOR ADAPTABLE DESIGN AND CONSTRUCTION GUIDANCE AND THE LOCAL WATER AUTHORITY'S LOCAL PRACTICE NOTE.

6. ALL ADAPTABLE SEWERS WITH LESS THAN 0.30M OF COVER WHEN Laid BENEATH THE ROADS, OR 0.30M OF COVER IN OTHER AREAS, SHALL HAVE CONCRETE PROTECTION IN ACCORDANCE WITH EITHER OF THE DETAILS SHOWN ON THE STANDARD DRAWINGS PROVIDED.

7. ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT, THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE INLET-OUTLET LEVELS. THE ENGINEER CONNECTIONS TO MANHOLES OR LARGER SEWERS ETC. SHOULD BE MADE BY THE ENGINEER, IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.

8. COVER LEVELS SHOWN ARE APPROXIMATE, COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.

9. ROAD GULLY PIPES ARE TO BE 150mm Dia. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS, ALL OTHER UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm Dia.

10. SW MIN GRADIENT - 1 IN 40 (100 mm) NO WCS CONNECTED

11. FV MIN GRADIENT - 1 IN 80 (100 mm) MIN 1 WC

12. SW MIN GRADIENT - 1 IN 100 (100 mm)

13. FV MIN GRADIENT - 1 IN 150 (150 mm)

14. ALL GULLIES SHALL BE FITTED WITH DADO GRATINGS AND FRAMES TO BS EN724, UNLESS OTHERWISE STATED.

15. ALL NON ADAPTABLE LATERALS BENEATH THE HIGHWAY SHALL BE BACK FILLED WITH A TYPE 1 GRANULAR MATERIAL AS CL800 (MCW) APPROVED BY THE ENGINEER.

16. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.

17. WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.

18. SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CLASS 2 CONCRETE SURROUND OR PAVING STARS BRUGGING THE TRENCH SUBJECT TO THE NHBC INSPECTOR'S REQUIREMENTS.

19. WHERE DRAINS RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACK FILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.

20. REFER TO THE CONTRACTOR'S DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION.

21. THE CONTRACTOR IS TO KEEP A RECORD OF ANY WORKS MADE ON SITE, INCLUDING THE LOCATION OF DRAWINGS, MATERIALS USED IN THE CONSTRUCTION OF THE PROJECT.

22. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE. NO DIMENSIONS ARE TO BE SCALLED FROM THESE DRAWINGS.

23. IT IS THE CONTRACTOR'S/SUBCONTRACTORS' RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.

24. STUB CONNECTIONS TO ADAPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER DOWNSPOUT PIPE, SAME GRADIENT AS THE UP OR INTERNAL RWP.

25. ALL DOWNPPIPES ARE TO BE SEALED, IF CONNECTED DIRECTLY TO THE STORMWATER DRAIN, ACCESS POINTS TO BE PROVIDED IN ABOVE GROUND LEVEL FOR EXTERNAL RWPS, AND 1m ABOVE FFL FOR INTERNAL RWPS.

26. STUB CONNECTIONS TO ADAPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF DOWN PIPE GULLIES PRIOR TO CONNECTING TO THE STORMWATER DRAIN. ACCESS POINTS TO BE PROVIDED IN ABOVE FFL FOR INTERNAL RWPS.

27. UNLESS OTHERWISE NOTED OR SIMILAR APPROVED CHANNEL DRAINS TO BE PROVIDED, MTD DRAIN WITH A GRATING IN STRUCTURAL DESIGN OF MODULAR GEOCELLULAR DRAINAGE SYSTEM, AS SHOWN IN THE C793 THE SDS MANUAL, 2000. THE MANUFACTURER SHOULD PROVIDE A COMPLETE SET OF INDEPENDENT TEST RESULTS FOR A PROPOSED SYSTEM INCLUDING, AS A MINIMUM, STRESS, STRAIN, CURVES TESTS UNDER SUSTAINED LONG-TERM LOADS, A BBA CERTIFICATE IS NOT INDEPENDENT TEST DATA.

28. CULLY AND CHANNEL DRAIN POSITIONS ARE UNABLE TO DETERMINE, WHEN THE DESIGN LEVELS HAVE BEEN

29. MODULAR GEOCELLULAR STORAGE SOAKAWAY SYSTEM TO CONFORM TO C793 THE SDS MANUAL, 2000. THE SDS MANUAL, 2000. THE MANUFACTURER SHOULD PROVIDE A COMPLETE SET OF INDEPENDENT TEST RESULTS FOR A PROPOSED SYSTEM INCLUDING, AS A MINIMUM, STRESS, STRAIN, CURVES TESTS UNDER SUSTAINED LONG-TERM LOADS, A BBA CERTIFICATE IS NOT INDEPENDENT TEST DATA.

30. ALL REDUNDANT DRAINAGE IS TO BE ABANDONED ONCE THE CONTRACTOR HAS SATISFIED HIMSELF THAT NO CONNECTIONS REMAIN LIVE. REDUNDANT DRAINAGE TO BE GRUBBED OUT.

31. ALL BELOW GROUND CONCRETE TO ACCORD WITH BS5326:997:SULPHATE CLASS TBA.

Ref.	Date	Description	By
14.03.2025		PLANNING SUBMISSION	TIA

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Architect
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Project title
 PHASE 1 AND 2, NOVARTIS SITE,
 HORSHAM,
 WEST SUSSEX.

Drawing title
 DRAINAGE NOTES.