



GENERAL NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.

2. ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION AND UNITED UTILITIES DETAILS & GUIDELINES.

3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm.

4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE RATES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE CDM REGULATIONS AT ALL TIMES.

5. THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1.0m FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5m FROM KERB LINES.

6. EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES.

7. ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES.

8. ALL MATERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS).

9. ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS. ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR THE NETWORK OPERATOR AS APPLICABLE.

10. WHERE 'ULTRA RIB' UPVC PIPES (OR SIMILAR APPROVED) ARE USED IN ADOPTABLE DRAINAGE THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH PERFORMANCE PIPE ASSOCIATION.

11. A CLASS 5 BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL, AS DIRECTED BY THE HIGHWAY AUTHORITY BE A SUITABLE GRANULAR MATERIAL ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4.

12. SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE.

13. ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED CLAY UNLESS NOTED OTHERWISE.

14. ALL MANHOLE COVERS TO BE RECESSED TO ACCEPT FINISH AS DETAILED BY LANDSCAPE ARCHITECT.

15. SLOW REST BENDS TO BE USED IN ALL LOCATIONS MADE UP FROM 2No. 45 DEG BENDS (600mm TO INVERT FROM FFL).

16. MANHOLE POSITIONS AND ACCESS COVERS TO BE ACCURATELY SET-OUT BY LANDSCAPE ARCHITECT TO SUIT EXTERNAL FINISHES.

17. ALL DRAINS CAST THROUGH FOUNDATIONS TO HAVE ROCKER PIPES ON BOTH SIDES OF FOUNDATION.

18. ALL POP UP POSITIONS TO BE CONFIRMED SET OUT DIMENSIONS TO BE AGREED & PROVIDED BY OTHERS.

19. ALL DISCHARGE RATES TO BE CONFIRMED BY MAE DESIGNER.

20. ALL SURFACE WATER COLLECTION FEATURES TO BE CONFIRMED BY THE LANDSCAPE ARCHITECT.

21. STORAGE HAS BEEN PROVIDED IN A TUBOSIDER STORAGE TANK AND UP-SIZED MANHOLES AND PIPES.

22. EXISTING SEWER DEPTHS HAVE BEEN LAYER SURVEYS LTD SURVEYS. NEW CONNECTIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION OF ANY DRAINAGE WORKS.

23. LANDSCAPE ARCHITECT TO CONFIRM GULLY AND DRAINAGE CHANNEL LOCATIONS TO LANDSCAPED AREAS.

LEGEND

PROPOSED MANHOLE

PROPOSED PPIC

PROPOSED FOUL WATER DRAINAGE

PROPOSED SURFACE WATER DRAINAGE

PROPOSED RISING MAIN

PROPOSED BELOW GROUND TUBOSIDER ATTENUATION

PROPOSED UNITED UTILITIES COMBINED WATER SEWER DIVERSION

PROPOSED SERVICES TRENCH LOCATION (TO BE CONFIRMED BY OTHERS)

EXISTING UNITED UTILITIES SURFACE WATER SEWER

EXISTING UNITED UTILITIES COMBINED WATER SEWER

EXISTING PRIVATE SURFACE WATER DRAINAGE

EXISTING PRIVATE FOUL WATER DRAINAGE

EXISTING UNITED UTILITIES SEWERS ALREADY ABANDONED

EXISTING DRAINAGE TO BE ABANDONED

EXISTING TV SERVICES

ELECTRICAL SERVICES

EXISTING EMPTY DUCTING

EXISTING GAS SERVICES

EXISTING TELECOM SERVICES

EXISTING TRAFFIC LIGHT SERVICES

EXISTING WATER SERVICES

EXISTING UNIDENTIFIED SERVICES

PROPOSED INTERNET SERVICES

CHG

16.07.2024

UPDATED TO SUIT LATEST POP UP INFORMATION

JAR

DJS

DJS

CH4

28.05.2024

UPDATED TO SUIT LATEST POP UP INFORMATION - FOUNDATIONS ADDED

JAR

DJS

DJS

CH3

30.04.2024

UPDATED TO SUIT LATEST POP UP INFORMATION - FOUNDATIONS ADDED

JAR

DJS

DJS

CH2

10.04.2024

UPDATED TO SUIT TA COMMENTS

JAR

DJS

DJS

CH1

06.03.2024

CONSTRUCTION ISSUE

JAR

DJS

DJS

PS4

20.07.2023

UPDATED TO SUIT UTILITY SURVEY INFORMATION

JAR

JRS

DJS

PD3

09.06.2023

RIBA STAGE 4 TECHNICAL DESIGN

JAR

JRS

DJS

PD2

17.11.2022

RIBA STAGE 3 SPATIAL COORDINATION

JAR

JRS

DJS

PD1

13.09.2022

RIBA STAGE 3 DEVELOPED DESIGN

JAR

JRS

DJS

REV

DATE

DESCRIPTION

BY

CHK

APP

DRAWING STATUS:

PRELIMINARY

CLIENT:

BURY COUNCIL

ARCHITECT:

POZZONI

PROJECT:

RADCLIFFE CIVIC HUB

TITLE:

BELOW GROUND DRAINAGE DRAINAGE COORDINATION

STATUS

PROJECT No.

PROJECT

ORIGIN

FUNCTION

SPECIAL

FORM

ISSUE

DRAWING No.

REV

S2

221-145

RADHUB-AJP-V4-ZZ-DR-C-0500

C05

SCALE & NO.

DESIGNED

DRAWN

CHECKED

APPROVED

DATE

1:200

JRS

JRS

DJS

DJS

SEP 2022

AJP

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