



NOTE:
NUMEROUS UNDERGROUND SERVICES EXIST

REFER TO OTHERS FOR DETAILS OF PROTECTIVE MEASURES AND DIVERSIONS REQUIRED, ALSO FOR THE LOCATION OF BURIED SERVICES AND CONFIDENCE IN THE LEVEL OF RELEVANT PUBLISHED INFORMATION. PLEASE NOTE THAT THE HAZARD TRIANGLES SHOWN REFER TO AREAS KNOWN TO BE OF CONCERN BUT EXCAVATIONS ELSEWHERE MAY REVEAL ADDITIONAL HAZARDS.

REFER ALSO TO ELLUC PROJECT'S HAZARD ELIMINATION / RISK ASSESSMENT AND THOSE OF OTHER DESIGN CONSULTANTS AND UTILITY COMPANIES REGARDING SAFETY ISSUES.

THIS DRAWING IS ISSUED ELECTRONICALLY WITH THE RISK ELEMENTS IDENTIFIED IN COLOUR. IT IS THE RECIPIENTS' RESPONSIBILITY TO ENSURE THAT OPERATIVES WHO MAY BE AFFECTED BY THE HAZARDS IDENTIFIED ARE ISSUED WITH SUITABLE COPIES OF THIS DRAWING IN WHOLE OR IN PART TO ILLUSTRATE THESE ITEMS.

LEGEND

- Proposed S104 Surface water sewer
- Proposed S104 Foul water sewer
- Proposed S104 Combined sewer
- Proposed S185 Foul water sewer
- Proposed gullies
- Proposed S104 Storm water dragout
- Proposed S104 Foul water dragout
- Existing Foul
- Existing Surface
- Existing Combined
- Site Boundary
- Finished Floor Level
- Sewer Easement

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NOTES:

1. ALL ADAPTABLE DRAINAGE WORKS HAVE BEEN DESIGNED AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH "SEWERS FOR ADOPTION 6TH EDITION" AND UU SUPPLEMENT GUIDELINES AND STANDARD DETAILS
2. ALL CLAY PIPE WORK SHALL BE EXTRA STRENGTH CLAYWARE TO B.S EN 295:1991 PART 1
3. ALL PRECAST CONCRETE PIPEWORK SHALL BE TO THE CLASS STATED ON THE DRAWINGS IN ACCORDANCE WITH B.S EN 1916:2002. ALSO, ALL MANHOLES AND CHAMBERS SHALL BE TO B.S EN 1917:2002
4. THE CONTRACTOR MAY ELECT TO USE REINFORCED PVC PIPES AS COVERED BY B.S 4660:2000 & B.S EN 1401-1. STRUCTURED WALL UPVC PIPES TO COMPLY WITH WIS 4-35-01 UP TO AND INCLUDING 300MM. (BY PRIOR AGREEMENT WITH ADOPTING AUTHORITY) MAX. PIPE LENGTH TO BE 3.0M
5. ALL LEVELS RELATE TO TOPOGRAPHICAL SURVEY DATUM
6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS
7. PLOT DRAINAGE CONNECTIONS TO SEWERS MUST BE 150MM DIAMETER AND UNLESS OTHERWISE STATED LAID TO THE INVERT SHOWN.
8. LEVELS GIVEN ON DRAGOUT CHAMBERS ARE INCOMING PIPE LEVELS
9. PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURTLAGE OF THE PLOT THEY SERVE WHEREVER POSSIBLE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INVERT LEVELS AND EXISTING SITE LEVELS (EXISTING BOUNDARY LEVELS) INDICATED ON DRAWINGS ARE CORRECT BEFORE WORKS COMMENCE.
11. ALL CONNECTIONS TO ADAPTABLE SEWERS SHALL BE MANUFACTURED JUNCTION PIPES. SADDLE CONNECTIONS WILL NOT BE PERMITTED, UNLESS SPECIFIED.
12. ALL SEWERS FOR ADOPTION WITH GREATER THAN 1.2M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE CLASS S GRANULAR BED AND SURROUND.
13. ANY SEWER FOR ADOPTION WITH LESS THAN 1.2M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE A MINIMUM OF 150MM ST4 CONCRETE SURROUND. FLEXIBILITY SHALL BE MAINTAINED BY THE PROVISION OF FLEXCELL OR SIMILAR APPROVED JOINT FILLER BREAKS IN THE CONCRETE SURROUND AT EACH PIPE JOINT
14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK ALL ONSITE EXISTING GROUND LEVELS PRIOR TO COMMENCING AND IF THERE ARE ANY DISCREPANCIES THE CONTRACTOR MUST REPORT TO THE ENGINEER IMMEDIATELY
15. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DRAINAGE AUTHORITY OF THE COMMENCEMENT OF ANY DRAINAGE WORKS AND TO COMPLETE ANY REQUIRED SEWER CONNECTION FORMS INCLUSIVE OF PAYING ANY REQUIRED FEES. THE CONTRACTOR MUST ALLOW FOR THE SUPERVISION OF THE SEWER CONSTRUCTION WORKS BY THE LOCAL AUTHORITY AND NOTIFY THE SUPERVISING OFFICER, GIVING NOTICE WHICH IN ACCORDANCE WORTH THE L.A REQUIREMENTS.
16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY FOR ANY REQUIRED ROAD OPENING PERMITS WITH THE LOCAL AUTHORITY INCLUDING THE PAYMENT OF ANY FEES
17. BEFORE COMMENCING ANY WORKS ON SITE, THE CONTRACTOR MUST CONTACT THE RELEVANT STATUTORY UNDERTAKER AND BE IN POSSESSION OF THE LATEST AVAILABLE DRAWINGS FROM THE STATUTORY UNDERTAKERS WHICH SHOWS DETAILS OF THEIR SERVICES/APPARATUS. THE CONTRACTOR MUST CONFIRM EXACT LOCATION AND DEPTH OF ANY SERVICES/APPARATUS BY THE USE OF ELECTRO-LOCATION OR SIMILAR DEVICES AND BY HAND DUG TRIAL HOLES. MECHANICAL EXCAVATOR, POWER TOOLS ETC. MUST NOT BE USED TO LOCATE EXISTING SERVICES/APPARATUS.

D	Main drainage amended to UU comments	23.07.20	ARA	ARA
C	DRAINAGE DETAILS UPDATED	10.01.2020	RL	ARA
B	TANK 2 OMITTED, TANK 1 UPSIZED & RE-LOCATED TO CLIENTS COMMENTS	02.09.2019	CDW	ARA
A	FLOOD ROUTING AMENDED TO NEW SITE LAYOUT	27.06.2019	CDW	ARA
Rev.	Description:	Date:	By:	Chkd:

Status:

APPROVAL

Client:

COUNTRYSIDE PROPERTIES

Project:

BELLE VUE GREYHOUND TRACK GORTON

Drp Title:

FLOOD ROUTING PLAN
1:100+40%

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