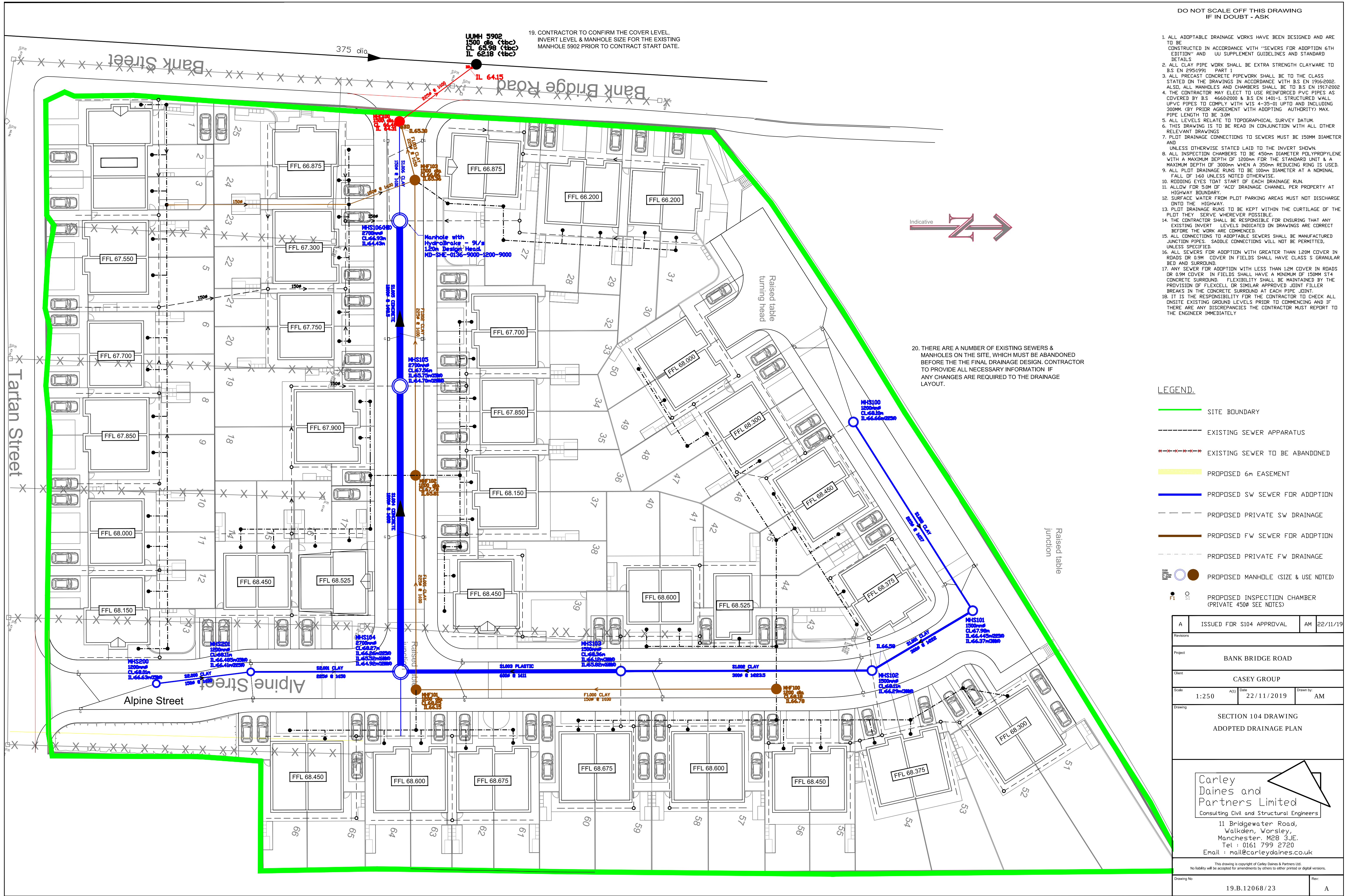
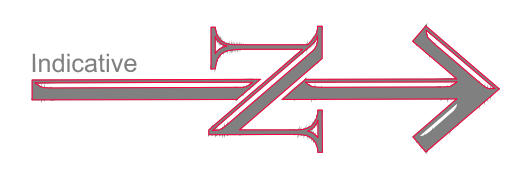




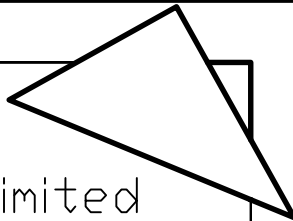
DO NOT SCALE OFF THIS DRAWING  
IF IN DOUBT - ASK

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 UPTO AND INCLUDING 300MM. (BY PRIOR AGREEMENT WITH ADOPTING AUTHORITY) MAX. PIPE LENGTH TO BE 30M
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. ALL INSPECTION CHAMBERS TO BE 450mm DIAMETER POLYPROPYLENE WITH A MAXIMUM DEPTH OF 1200mm FOR THE STANDARD UNIT & A MAXIMUM DEPTH OF 900mm WHEN A 350mm REDUCING RING IS USED.
9. ALL PLOT DRAINAGE RUNS TO BE 100mm DIAMETER AT A NOMINAL FALL OF 1:60 UNLESS NOTED OTHERWISE.
10. RODDING EYES TO START OF EACH DRAINAGE RUN
11. ALLOW FOR 5.0M OF "ACD" DRAINAGE CHANNEL PER PROPERTY AT HIGHWAY BOUNDARY.
12. SURFACE WATER FROM PLOT PARKING AREAS MUST NOT DISCHARGE ONTO THE HIGHWAY.
13. PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURTLAGE OF THE PLOT THEY SERVE WHEREVER POSSIBLE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INVERT LEVELS INDICATED ON DRAWINGS ARE CORRECT BEFORE THE WORK ARE COMMENCED.
15. ALL CONNECTIONS TO ADAPTABLE SEWERS SHALL BE MANUFACTURED JUNCTION PIPES. SADDLE CONNECTIONS WILL NOT BE PERMITTED, UNLESS SPECIFIED.
16. ALL SEWERS FOR ADOPTION WITH LESS THAN 120M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE CLASS S GRANULAR BED AND SURROUND.
17. ANY SEWER FOR ADOPTION WITH LESS THAN 120M 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.
18. IT IS THE RESPONSIBILITY FOR 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.



20. THERE ARE A NUMBER OF EXISTING SEWERS & MANHOLES ON THE SITE, WHICH MUST BE ABANDONED BEFORE THE FINAL DRAINAGE DESIGN. CONTRACTOR TO PROVIDE ALL NECESSARY INFORMATION IF ANY CHANGES ARE REQUIRED TO THE DRAINAGE LAYOUT.

- LEGEND.**
- SITE BOUNDARY
  - - - EXISTING SEWER APPARATUS
  - - - - - EXISTING SEWER TO BE ABANDONED
  - PROPOSED 6m EASEMENT
  - PROPOSED SW SEWER FOR ADOPTION
  - - - PROPOSED PRIVATE SW DRAINAGE
  - PROPOSED FW SEWER FOR ADOPTION
  - - - PROPOSED PRIVATE FW DRAINAGE
  - PROPOSED MANHOLE (SIZE & USE NOTED)
  - PROPOSED INSPECTION CHAMBER (PRIVATE 450mm SEE NOTES)

|                                                                                                                                                                                           |                          |      |           |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|-----------|------------|
| A                                                                                                                                                                                         | ISSUED FOR S104 APPROVAL |      | AM        | 22/11/19   |
| Revisions                                                                                                                                                                                 |                          |      |           |            |
| Project                                                                                                                                                                                   |                          |      |           |            |
| BANK BRIDGE ROAD                                                                                                                                                                          |                          |      |           |            |
| Client                                                                                                                                                                                    |                          |      |           |            |
| CASEY GROUP                                                                                                                                                                               |                          |      |           |            |
| Scale                                                                                                                                                                                     | 1:250                    | A3/1 | Date      | 22/11/2019 |
|                                                                                                                                                                                           |                          |      | Drawn by: | AM         |
| Drawing                                                                                                                                                                                   |                          |      |           |            |
| SECTION 104 DRAWING<br>ADOPTED DRAINAGE PLAN                                                                                                                                              |                          |      |           |            |
| <div>Carley<br/>Daines and<br/>Partners Limited<br/>Consulting Civil and Structural Engineers</div>  |                          |      |           |            |
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| Drawing No                                                                                                                                                                                |                          |      | Rev:      |            |
| 19.B.12068/23                                                                                                                                                                             |                          |      | A         |            |