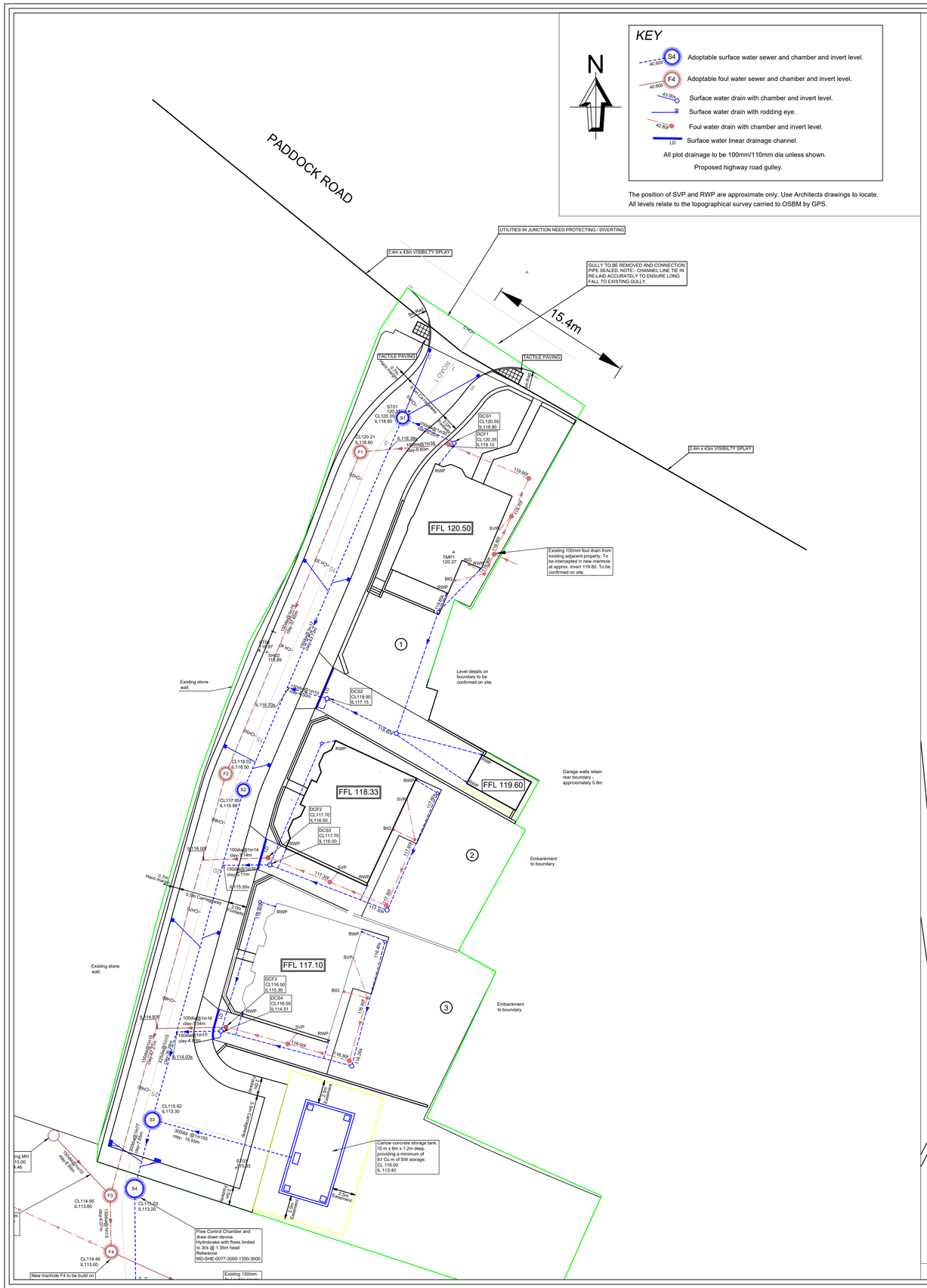
KEY
S4 Adoptable surface water sewer and chamber and invert level.
F4 Adoptable foul water sewer and chamber and invert level.
Surface water drain with chamber and invert level.
Surface water drain with rodding eye.
Foul water drain with chamber and invert level.
Surface water linear drainage channel.
All plot drainage to be 100mm/110mm dia unless shown.
Proposed highway road gulley.
The position of SVP and RWP are approximate only. Use Architects drawings to locate.
All levels relate to the topographical survey carried to OSBM by GPS.
N
PADDOCK ROAD
UTILITIES IN JUNCTION NEED PROTECTING / DIVERTING
2.4m x 43m VISIBILITY SPLAY
GULLY TO BE REMOVED AND CONNECTION PIPE SEALED. NOTE:- CHANNEL LINE TIE IN RE-LAID ACCURATELY TO ENSURE LONG FALL TO EXISTING GULLY.
15.4m
TACTILE PAVING
2.4m x 43m VISIBILITY SPLAY
FFL 120.50
FFL 118.33
FFL 119.60
FFL 117.10
Existing 100mm foul drain from existing adjacent property. To be intercepted in new manhole at approx. invert 119.80. To be confirmed on site.
Level details on boundary to be confirmed on site.
Garage walls retain rear boundary - approximately 0.8m
Embankment to boundary
Existing stone wall.
Carlow concrete storage tank. 10 m x 6m x 1.2m deep providing a minimum of 61 Cu m of SW storage. CL 116.00 IL 113.40
Flow Control Chamber and draw down device. Hydrobrake with flows limited to 3l/s @ 1.35m head Reference MD-SHE-0077-3000-1350-3000
New manhole F4 to be build on line and level of existing 150mm public foul sewer. Position and invert level to be confirmed.
Existing 150mm foul public sewer
Existing MH CL 115.00 IL114.46
Existing 150mm foul drain is not in use and is to be abandoned and removed to boundary of site.
Existing 150mm foul drain from existing adjacent property. To be re-laid to connect to new manhole F3.
Tie into manhole on public 225mm surface water sewer. CL 108.05 IL 106.65
Public SW sewer
Public foul sewer
NOTES
1. The invert level of the public sewers should be determined prior to drainage works starting on site and on site inverts confirmed as satisfactory for connections.
2. Connection to public sewers requires the approval of Yorkshire Water.
3. Work within the highway requires the consent of Barnsley Council.
4. Adoptable sewer works all to be to Yorkshire Water requirements.
5. All highway works to be to BMBC requirements.
6. A linear drain is required across the driveways at the highway boundary to prevent water entering the highway.
7. The following safety hazards remain after design and should be considered during construction
• The sewer connection(s) may be at depth.
• Proposed sewers will be at depth and require specialist construction.
• Construction work close to a public highway (road and footway).
• Utilities exist within the footway crossing area to the site.
• Utilities are also likely to exist in the:- footway/verge/highway/on site.
C Updated for revisions to plots 2 and 3. 19/10/21
B Driveways amended to 3.3m. Position of plots 2 & 3 amended to suit new driveway width. 20-03-21
A First issue for approvals 20-01-21
REV DETAILS DATE
SCALE = 1:250 @ A1
HM DESIGN
CHARTERED CIVIL ENGINEER
HM Design
10 The Green
York
YO26 5LR
07919 031289
Client
RICHARD BELL
Drawing Title
DRAINAGE PLAN
Site Address
Woodview Farm
Paddock Road
Staincross
Barnsley S75 6LG
Drawn HM
Checked HM
Drg.No. YH753/13C
Date 20/01/2021