

KEY

- Admittable surface water sewer and chamber and invert level
- Admittable foul water sewer and chamber and invert level
- Surface water drain with chamber and invert level
- Surface water drain with holding area
- Foul water drain with chamber and invert level
- Surface water drain change channel
- All elevations to be 100mm above the lowest adjacent ground level
- Proposed highway road paths
- Existing Flood Rule

The position of SWP and RWP are approximate only. Use Architects drawings to locate. All levels relate to the topographical survey carried out by CT SURVEYS and to OSBM by GPS.

SURFACE WATER

PRE-DEVELOPMENT EXISTING SCHOOL DISCHARGES TO PUBLIC SW SEWER:

ROOF AREA = 1218 sq m. 1 in. 1 year Run-off = 1776

POST-DEVELOPMENT

LAST DISCHARGE TO 17th = 30% = 11.99

POST-DEVELOPMENT PERMEABLE AREAS = 11417 sq m

SW STORAGE REQUIRED ON 1st 100mm storm = 42% CC

Discharge 11.99 FEH RAINFALL DATA Cu = 8.84 within 0.75 summer

STORAGE ESTIMATE = 605 Cu m - CONCRETE TANK ON SITE 20m x 16m x 2.1m DEEP

POST-DEVELOPMENT IMPERMEABLE AREAS	AREA (sq m)
1500	573
2000	573
1000	1335
1000	354
2000	1335
1000	0
1000	953
1000	527
1000	809
1000	631
1000	846
1011	141
4000	1025
4001	604
4002	354
4003	0
4004	647
4005	0
4006	0
4007	0
4008	675
4009	0
1012	0
1013	0
1014	0
TOTAL	11046sq m.

- This drainage strategy based on gravity connections off site to the public SW and foul sewers. Connections to sewers are off site and will be subject to obtaining the necessary agreements and easements.
- All drainage should be considered preliminary before agreement of all works has been obtained from the Lead Local Flood Authority (LLFA) and Yorkshire Water (YW).
- SW attenuated to 11.99/s. (To be agreed LLFA and YW).
- Levels based on preliminary road long sections - to be agreed with BMBC.
- FFL's preliminary based on road long sections.
- Existing sewers on site will require easements/diversion or abandonment, all to be agreed with Yorkshire Water.

Rev #	Description	Date
4	FFL's updated to architects suggestions - (Plots 44, 47 and 58 - 72)	02/08/22
3	Preliminary for planning stage submission. Updated to amended layout	27/07/22
2	Updated to planning stage submission.	23/06/22
1	First issue for approvals	27/07/16

Checked: _____ Rev # _____ Description _____ Date _____

Client: _____

BIG CITY CO. MD

Job Title

**GARDEN HOUSE CLOSE
MONK BRETTON
BARNSELY**

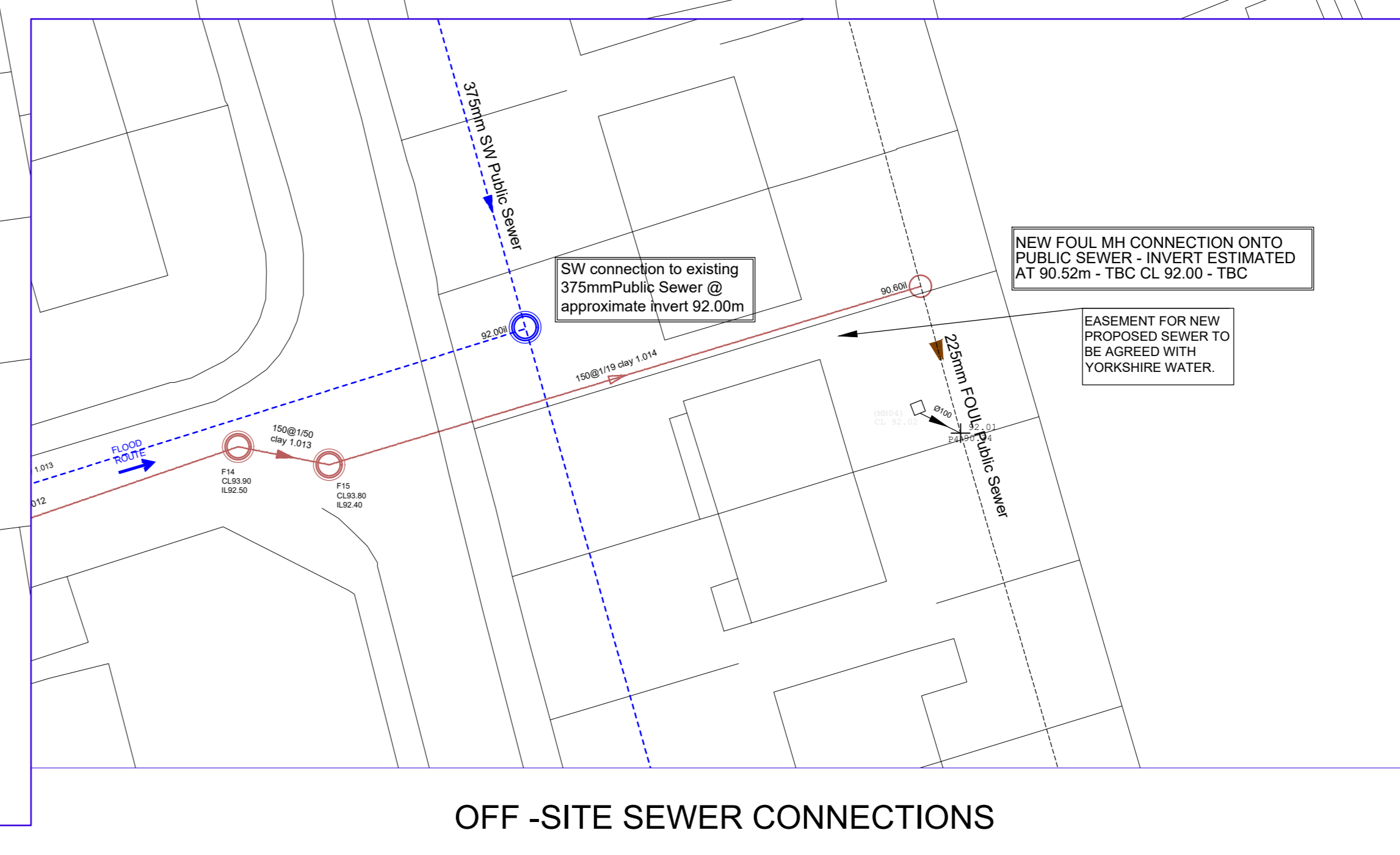
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Drawing Title

HIGHWAYS AND DRAINAGE

DRAINAGE STRATEGY PLAN

Scale	Date	Drawn	Checked
1:250 @ A0	JUNE 2022	HM	JB
Dwg No.	4019/SK001		Rev
			4



OFF-SITE SEWER CONNECTIONS