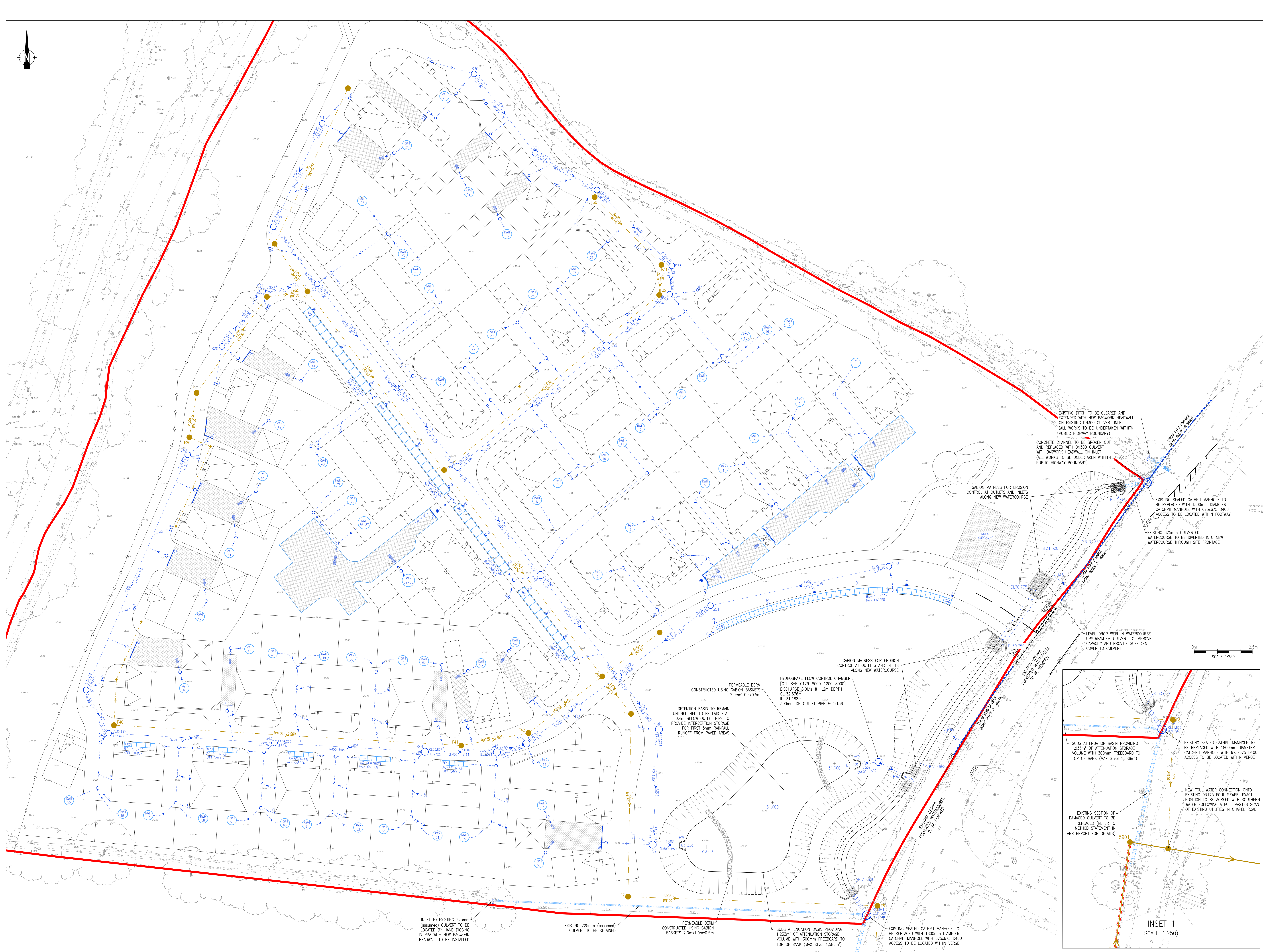




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- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SCHEME DRAWINGS AND SPECIFICATIONS.
- FOR INDIVIDUAL RAINWATER HARVESTING TANK SPECIFICATIONS PLEASE REFER TO WATER NEUTRALITY STATEMENT.
- A FULL PAS128 UTILITY SCAN SHOULD BE UNDERTAKEN PRIOR TO ANY EXCAVATIONS WITHIN THE CARBAGWAY OR VERGE OF CHAPEL ROAD.
- ALIGNMENT OF EXISTING FOUL SEWER TAKEN FROM SOUTHERN WATER SEWER RECORDS THE EXACT ALIGNMENT AND DEPTH SHALL BE DETERMINED PRIOR TO CONSTRUCTION.
- ANY WORKS WITHIN ROOT PROTECTION AREAS SHALL BE APPROVED WITH ARBORICULTURIST PRIOR TO EXCAVATION.

KEY

- SHARED POROUS PAVING STORAGE VOLUME USED IN ATTENUATION CALCULATIONS
- PRIVATE POROUS PAVING STORAGE VOLUME NOT USED IN ATTENUATION CALCULATIONS
- BIO-RETENTION RAIN GARDEN
- RAINWATER HARVESTING TANK
- SURFACE WATER MANHOLE
- FLOW CONTROL CHAMBER
- SURFACE WATER SEWER WITH PIPE CODE DIAMETER AND GRADIENT
- HEADWALL
- GULLY OR ROAD GULLY
- GABION BASKET/MATRESS

NOTES

EXISTING DITCH TO BE CLEARED AND EXTENDED WITH NEW BAGWORK HEADWALL ON EXISTING DN300 CULVERT INLET (ALL WORKS TO BE UNDERTAKEN WITHIN PUBLIC HIGHWAY BOUNDARY)

CONCRETE CHANNEL TO BE BROKEN OUT AND REPLACED WITH DN300 CULVERT WITH BAGWORK HEADWALL ON INLET (ALL WORKS TO BE UNDERTAKEN WITHIN PUBLIC HIGHWAY BOUNDARY)

GABION MATRESS FOR EROSION CONTROL AT OUTLETS AND INLETS ALONG NEW WATERCOURSE

EXISTING SEALED CATCHPIT MANHOLE TO BE REPLACED WITH 1800mm DIAMETER CATCHPIT MANHOLE WITH 675x675 D400 ACCESS TO BE LOCATED WITHIN FOOTWAY

EXISTING 625mm CULVERTED WATERCOURSE TO BE DIVERTED INTO NEW WATERCOURSE THROUGH SITE FRONTAGE

LEVEL DROP WEIR IN WATERCOURSE UPSTREAM OF CULVERT TO IMPROVE CAPACITY AND PROVIDE SUFFICIENT COVER TO CULVERT

EXISTING 675mm CULVERT TO BE REMOVED

NEW FOUL WATER CONNECTION ONTO EXISTING DN175 FOUL SEWER. EXACT POSITION TO BE AGREED WITH SOUTHERN WATER FOLLOWING A FULL PAS128 SCAN OF EXISTING UTILITIES IN CHAPEL ROAD

INSET 1
SCALE 1:250

REV	DESCRIPTION	DATE	CHK	APP
0	SHEETING UPDATED TO ALIGN WITH SCHEME	15/04/25	TSW	TSW
1	STORAGE VOLUMES UPDATED	23/09/25	TSW	TSW
2	FOUL DRAINAGE NETWORK AND CONNECTIONS	23/09/25	TSW	TSW
3	MINOR AMENDMENTS TO NEW WATERCOURSE	22/09/25	TSW	TSW
4	SUDS ATTENUATION BASIN	22/09/25	TSW	TSW

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**BARNES GREEN
HORSHAM**

**SURFACE WATER AND SUDS
DRAINAGE STRATEGY**

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