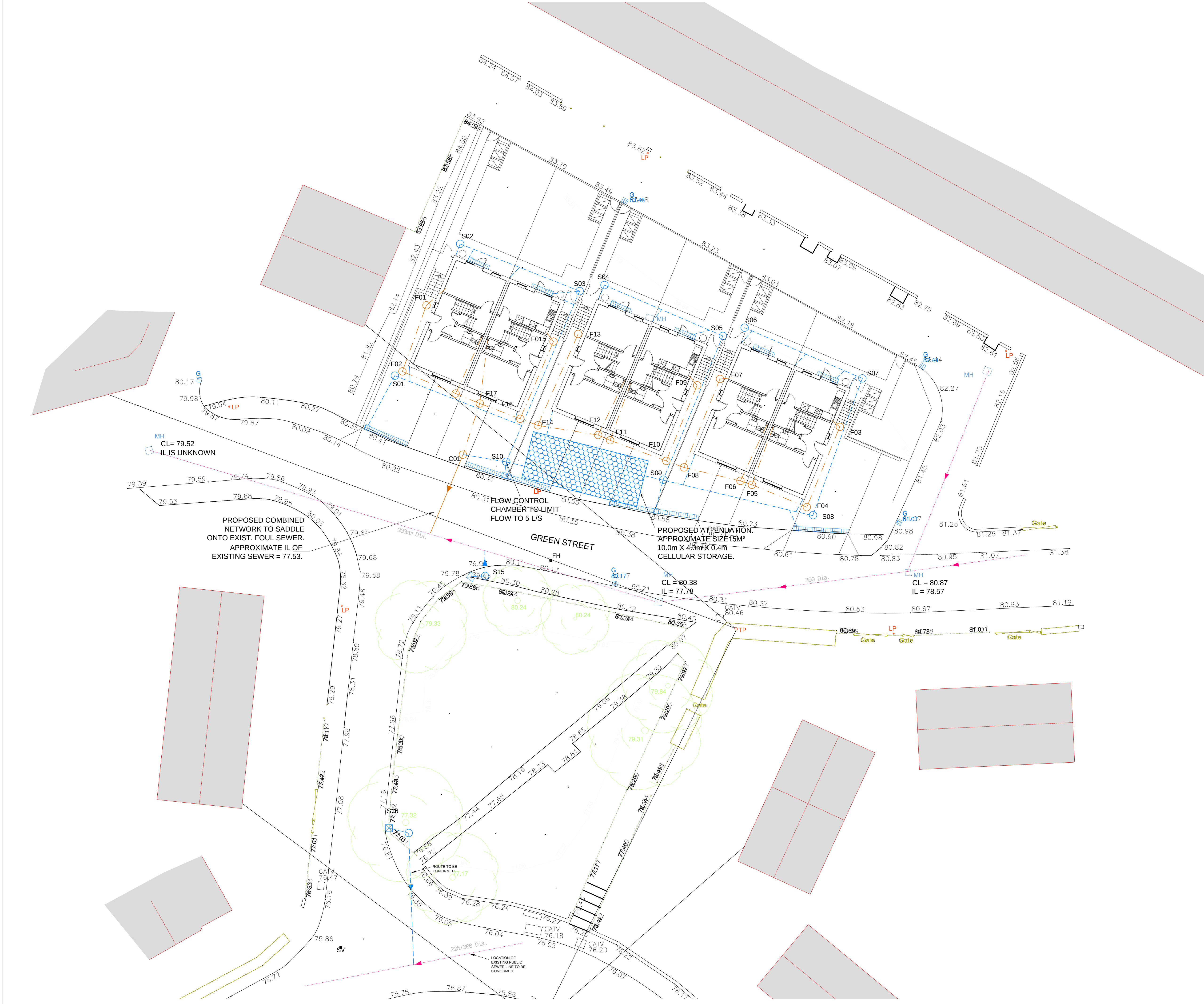




NOTES:

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- ATTENUATION SIZED TO ACCOMMODATE THE 100 YEAR RETURN PERIOD WITH 30% CLIMATE CHANGE ALLOWANCE. ATTENUATION SIZE BASED ON AN IMPERMEABLE AREA OF 600m² WITH A 5 l/s OUTFLOW. OUTFLOW RATE AND CONNECTION POINTS ARE TO BE AGREED WITH YORKSHIRE WATER PRIOR TO ANY WORKS STARTING ON SITE.
- ALL PIPES SHALL BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
- MANHOLES LOCATION ARE INDICATIVE ONLY ALL LOCATIONS AND COVER LEVELS ARE TO BE CONFIRMED BY LANDSCAPE ARCHITECT.
- THE POSITIONS OF SOIL CONNECTIONS AND RAIN WATER PIPES ARE INDICATIVE ONLY AND ARE TO BE CONFIRMED BY ARCHITECT
- THE MINIMUM DEPTH OF COVER TO THE CROWN OF GRAVITY PIPES WITHOUT PROTECTION SHOULD BE AS FOLLOWS:
 - DOMESTIC GARDENS AND PATHWAYS WITHOUT ANY POSSIBILITY OF VEHICULAR ACCESS 0.35m.
 - DOMESTIC DRIVEWAYS, PARKING AREAS AND YARDS WITH HEIGHT RESTRICTION S TO PREVENT ENTRY BY VEHICLES WITH A GROSS WEIGHT IN EXCESS OF 7.5 TONNES, 0.5.
 - DOMESTIC DRIVEWAYS, PARKING AREAS AND NARROW STREETS WITHOUT FOOTWAYS WITH LIMITED ACCESS FOR VEHICLES WITH A GROSS WEIGHT IN EXCESS OF 7.5 TONNES, 0.9m
 - AGRICULTURAL LAND AND PUBLIC OPEN SPACE 0.9m
 - OTHER HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLES WITH A GROSS WEIGHT IN EXCESS OF 7.5 TONNES, 1.2m
- THE GROUND CONDITIONS ARE NOT SUITABLE FOR THE SOAKAWAY AND THERE IS NO SURFACE WATER DRAINAGE WITHIN THE CLOSE PROXIMITY OF THE SITE. THEREFORE IT IS PROPOSED THAT THE SURFACE WATER FROM THE SITE BE DISCHARGED TO EXISTING FOUL PUBLIC SEWER IN GREEN STREET WITH A LIMITED FLOW OF 5 l/s
- FOR STANDARD CONSTRUCTION DETAILS REFER TO DRAWING NO.602.
- DRAINS WITHIN 5.0 M OF TREES TO BE PROTECTED BY ROOT BARRIER.
- ALL LOCATIONS AND LEVELS OF EXISTING PUBLIC SEWER ARE TO BE CONFIRMED PRIOR TO START ON SITE.

KEY

- PROPOSED FOUL WATER DRAINAGE
- PROPOSED SURFACE WATER DRAINAGE
- PROPOSED GULLY TO TAKE D400 LOADING
- PROPOSED CELLULAR ATTENUATION
- EXISTING FOUL WATER DRAINAGE

FLOW RATES

FOUL WATER = 3.62L/S

SURFACE WATER ATTENUATED TO 5.0L/S

TOTAL DISCHARGE FROM HOUSES 1000 PIPE AT 1 IN 37 = 8.62L/S

C	FOURTH ISSUE UPDATE TO SUIT REVISED LAYOUT			
	REVISED BY: PJS	DATE: 07.07.2015	CHECKED BY: MJM	DATE: 07.07.2015
B	THIRD ISSUE BLOCK PAVING CHANGED TO PERMEABLE TARMAC			
	REVISED BY: SK	DATE: 11.08.2014	CHECKED BY: AUH	DATE: 11.08.2014
A	SECOND ISSUE CL AND ILS FOR EXISTING MANHOLES ADDED AND IL FOR MH S10 INTO ATTENUATION SHOWN.			
	REVISED BY: SK	DATE: 11.08.2014	CHECKED BY: AUH	DATE: 11.08.2014
-	FIRST ISSUE.			
	REVISED BY: SK	DATE: 08.08.2014	CHECKED BY: AUH	DATE: 08.08.2014

SCALE BAR

PURPOSE OF ISSUE

TENDER

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Property Design and Management Services

CLIENT
**BERNESLAI HOMES
BARNSELEY**

PROJECT
**GREEN STREET, WORSBOROUGH
BARNSELEY**

TITLE
PROPOSED DRAINAGE STRATEGY

SCALES	DATE	DRAWN	CHECKED
1:150	08.08.2014	SK	AUH
FILE / DRAWING NAME	DRAWING FIELDS	UNIQUE NR	REV CODE
PROJECT NR 140468	RL-T	601	C