DESIGN NOTES

1. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.

2. DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.

3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.

4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.

5. DESIGN SUBJECT TO APPROVAL FROM SOUTHERN WATER FOR CONNECTIONS TO SEWERS AND ADOPTION OF SEWERS.

GENERAL NOTES:

1. All dimensions to be checked on site. All details and dimensions relating to sub-contractors or suppliers work must be checked and agreed between the sub-contractor or supplier and the main contractor.

2. This drawing is to be read in conjunction with all relevant architects, services and engineers drawings and specifications.

3. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations , record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gsp prior to works commencing.

4. Tender or billing drawings shall not be used for construction or the ordering of materials.

5. Do not scale. All dimensions and levels to be site confirmed.

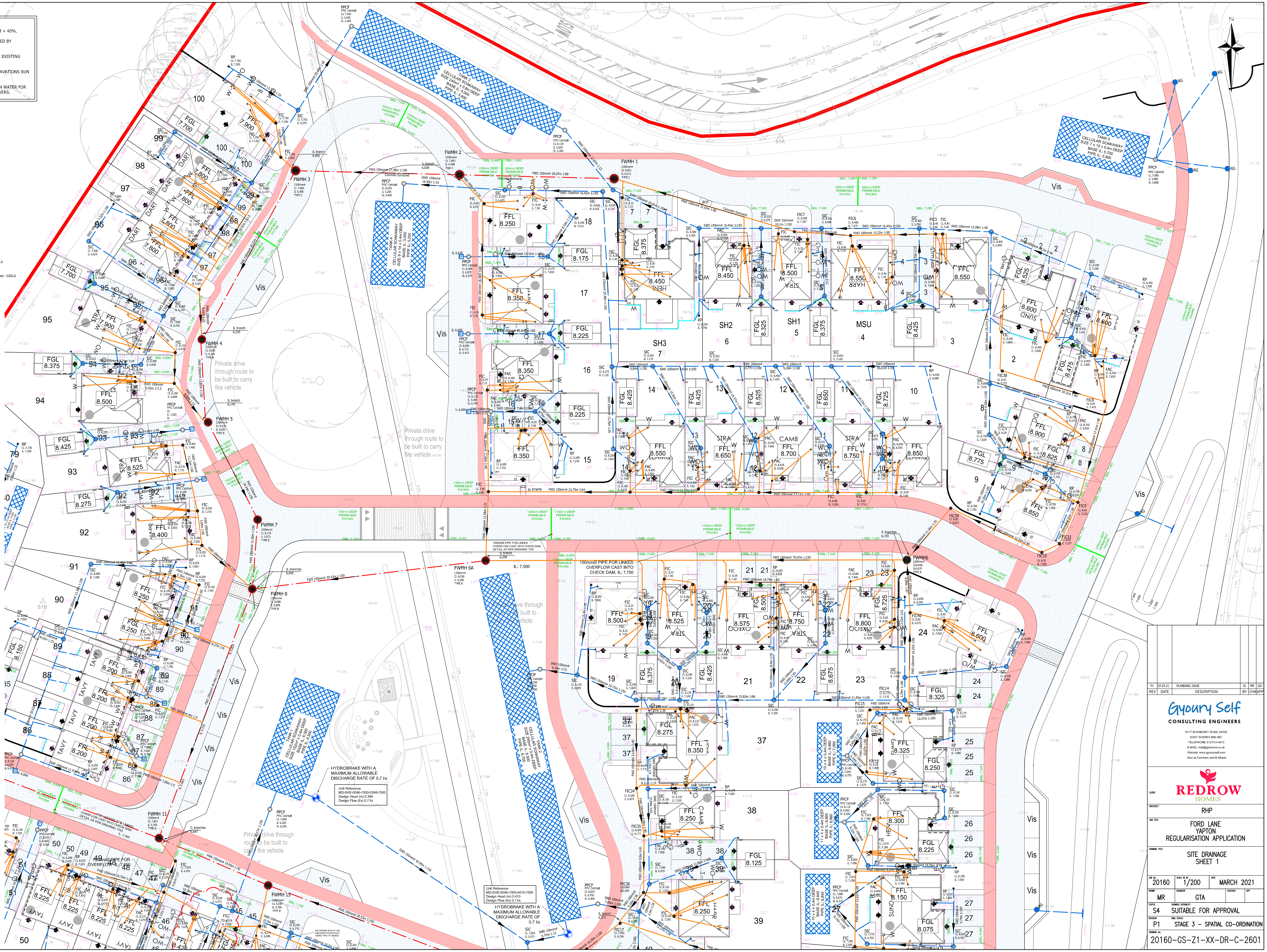
6. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gsp.

KEY

— — —	Private surface water drain
———	Private foul drain
———	Adoptable foul sewer
FIC ●	Foul Plastic Inspection Chamber - D202.6
SIC ◎	Surface Water Plastic Inspection Chamber - D202.6
SAC ◎	300mm diameter Surface Water Access Chamber - D202.18
FAC ●	300mm diameter Foul Water Access Chamber - D202.18
YG ●	Yard gully - 300ø x 600mm deep
RG ●	Private road gully
FWMH ●	Adoptable Foul water Sewer Manhole
SVP ———	Foul drain point D307.0
RP ———	Drain rodding point
RWP ———	SW Drain point for RWP D203.5
▤	Drainage channel
- - - -	300mm wide x 450mm deep gravel filled french drain
▨	Area of voided stone under permeable paving - refer to external works layouts for details
🟥	Service margin
☒ DT	Distribution tank (inlet) from roof drainage in permeable paving sub-base.
+9.400	Proposed external levels
× SBIL: 6.975	PROPOSED PERMEABLE PAVING SUB-BASE INVERT LEVELS
🟩	CHECK DAM

ABBREVIATIONS

D307.0	DETAIL NUMBER - SEE DRAINAGE DETAIL SHEET
FD	FOUL DRAIN
SWD	SURFACE WATER DRAIN
FWS	ADOPTABLE FOUL WATER SEWER
SWS	ADOPTABLE SURFACE WATER SEWER
MH	MANHOLE
IC	INSPECTION CHAMBER
SA	SOAKAWAY
FIC	450mm DIA. FOUL INSPECTION CHAMBER - D202.6
SIC	450mm DIA. SURFACE WATER INSPECTION CHAMBER - D202.6
FAC	300mm DIA. FOUL ACCESS CHAMBER - D202.18
SAC	300mm DIA. SURFACE WATER ACCESS CHAMBER - D202.18
CI	CAST IRON
VC	VITRIFIED CLAY
CONC	CONCRETE
PVC-U	POLYVINYL CHLORIDE - UNPLASTICISED
G	SMALL GULLY - D209.0
YG	YARD GULLY - D209.2
RG	ROAD GULLY - D208.1
CPG	CAR PARK GULLY - D208.2
DP	BELOW GROUND DRAIN POINT
SVP	SOIL VENT PIPE DROP
RP	EXTERNAL RODDING POINT - D213.1
DT	SURFACE WATER DISTRIBUTION TANK
FFL	FINISHED FLOOR LEVEL
SSL	STRUCTURAL SLAB LEVEL
GL	GROUND LEVEL
CL	COVER LEVEL
IL	INVERT LEVEL
SL	SUMP LEVEL
BL	BASE LEVEL
HL	HIGH LEVEL
BD	BACKDROP
CBS	CONCRETE BED & SURROUND
CLASS S	GRANULAR BED & SURROUND
CLASS B	GRANULAR BED



100MMØ PIPE FOR LINKED OVERFLOW CAST INTO CHECK DAM. DETAIL AS PER DRAWING 1703

100mmØ PIPE FOR LINKED OVERFLOW CAST INTO CHECK DAM. IL: 7.750

HYDROBRAKE WITH A MAXIMUM ALLOWABLE DISCHARGE RATE OF 0.7 l/s

Unit Reference
MD-SHE-0046-7000-0394-7000
Design Head (m) 0.394
Design Flow (l/s) 0.7 l/s

Unit Reference
MD-SHE-0046-7000-0410-7000
Design Head (m) 0.410
Design Flow (l/s) 0.7 l/s

HYDROBRAKE WITH A MAXIMUM ALLOWABLE DISCHARGE RATE OF 0.7 l/s

REV	DATE	DESCRIPTION	BY	CHK	APP
P1	07.07.21	PLANNING ISSUE	SL	MR	GO

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CLIENT
REDROW HOMES

ARCHITECT
RHP

JOB TITLE
FORD LANE
YAPTON
REGULARISATION APPLICATION

DRAWING TITLE
SITE DRAINAGE
SHEET 1

JOB No.	SCALE @ A0	DATE
20160	1/200	MARCH 2021

DRAWN	ENGINEER	CHECKED	APP
MR	GTA		

STATUS S4
DRAWING SUITABILITY SUITABLE FOR APPROVAL

REVISION P1
RIBA STATUS STAGE 3 – SPATIAL CO-ORDINATION

DRAWING No.
20160–GS–Z1–XX–DR–C–2601

ARUN DISTRICT COUNCIL Y/105/21/NMA