		General Notes 1. DO NOT SCALE.
Site Details	X ¹ g ²	This drawing is to be read in conjunction with all other relevant drawings and details.
	Discharge Rate Ex.AW SWINIT 05 CL 2.812	Should there be any conflict between the details indicated on this drawing and those on other drawings the Engineer should be informed PRIOR to construction on site.
10,380m² / 1.038ha : Development area	1 in 1 year 114.9 l/s (TBC on site)	4. Until technical approval has been obtained from the relevant Authority, it should be
8,140m² / 0.814ha : Existing impermeable area	1 in 30 year 255.4 l/s	understood that all drawings issued are Preliminary and NOT for construction. Should the Contractor commence site work prior to such approval being given it is entirely at their own risk.
4,682m² / 0.462ha : Proposed impermeable area	1 in 100 year 346.6 l/s	5. Sketch proposals are for illustrative purposes only and as such are subject to detailed
114.9 l/s : Existing Q1 storm discharge rate to sewer	TBC on site)	site investigation including ground conditions / contaminants, drainage, design and planning / density negotiations.
255.4 l/s : Existing Q30 storm discharge rate to sewer	Storm Event Proposed Max. Discharge Rate Betterment	All dimensions are in millimetres unless otherwise stated.
346.6 l/s : Existing Q100 storm discharge rate to sewer	1 in 1 year 57.5 l/s 50%	The Farrow Walsh Consulting Designers Risk Assessments for this project must be reviewed PRIOR to the commencement of any works on site.
57.5 l/s : Proposed Q100+30% climate change storm discharge rate to sewer	1 in 30 year 57.5 l/s 78% 1 in 100+40%CC 57.5 l/s >83%	NOTES
Development impermeable areas to be drained into the storm sewers via cellular tanks with minimum SUDs treatment to Ciria753, via gravity sewers.	- AW SWMH 8952	This drawing is for Approval purposes only and is not to be used for Construction. This drawing to be used in action with all other releases.
	CL 2.965 IL TBC Productions Productions Existing AW Storm Twin 0450 => 322	2. This drawing to be read in conjunction with all other relevant Engineers and Architect's details.3. All work is to be carried out in accordance with the current British
Minimum pipe cover to soffits to be as per The Building Regulations 2010 Part H for thermoplastic pipes:	TBC on site)	Standards, codes of practice, building regulations and with Sewers for Adoption 6th Edition guidance.
0.6m in pedestrian or landscaped areas 0.9m in vehicle accessible areas	3.48	The exact position, level, size and use of existing sewers to be confirmed on site. Any discrepancies to be reported to the Engineer
Any pipes with cover to soffit less than those stated above are to have a Class Z concrete pipe	3.60 Yre19	prior to commencement of works. 5. All uncovered and shallow pipework to be protected against
bed & surround	3.62 PLOT 1	construction traffic as part of the Contractors temporary works requirements.
Internal foul drain pipe minimum gradients: 1:80 from SVP & WC to IC	13.57 FFL 3.700	 All connections to road gullies and channels shall be 150mm nominal bore pipework.
1:40 from Basin & Sink to IC		 All pipework to be U-PVC type in accordance with WIS 4-35-01 unless otherwise noted.
Refer to Archiect's/M&E drawings for pipe sizes and setting-out information.	PLOT 2 FELI 3.700	 All pipes connecting to adopted manholes up to and including 300mm dia. to be Wavin Ultrarib or similar approved.
All drainage to be constructed in accordance with Sewers for Adoption 6th Edition and Building Regulations Part H.	S S S S S S S S S S S S S S S S S S S	All pipes connecting to adopted manholes greater than 300mm dia. to be Concrete or approved U-PVC.
	Penel fence in 1.6m 3.70	 All pipework entering and exiting manholes to be connected with pipe soffits level.
A CCTV survey of the as-built drainage is to be undertaken by the Contractor and provided to the Engineer for final approval	3,65	11. All works are to be to the satisfaction of the Engineer, Building Officer, Severn Trent Water, local authority Highway & Flood Planning Officer.
Sewer details shown have been taken from STW sewer records and are to be confirmed by	re10.	12. All insitu services and drainage networks are to be located and protected as necessary by the Contractor prior to the commencement
Contractor prior to commencement of the works.	of the second se	of the works.
Aggurant for the state of the s	PLOT 10 PLOT 6 FFL 3.700 PLOT 6 FFL 3.700	LEGEND
3th	FFL 3.900 FFL 3.	Boundary of Site Ownership
The state of the s	PCP 4	300mm dia. IC Max Depth 0.9m
4re2	PLOT 13 s24 f16a s10 s24 f16b s10 s24 f16b s10 s24 f16b s10 s24 f16c s10 s10 s24 f16c s10	450mm dia. IC Max Depth 3.0m
Poor Poor	57 FFL 3.900 SI11 SI27 F27 SI28 SI26 SI27 SI27 SI27 SI27 SI27 SI27 SI27 SI27	1200mm dia. IC
Fence III med famo seuriciad de seuriciad de seuriciad de seuriciad de seuriciad de seuricia de seuric	PLOT 14 F18 (187) (TBC on site)	1500mm dia. IC
PLOT 17	126 OSSLA	1800mm dia. IC
re1 PLOT 18 FFL3.700	PLOT 15 SWS/mm S 104 SWS (1.005)	Rodding eye (storm only)
FFL 3,700 S2 Voided Stone	FFL 3.800 (S5)	600mm dia. Catchpit
fla fla 400mm	PLOT 16 FFL 3.800 114 PLOT 16 FFL 3.800 114 PLOT 16 FFL 3.800 114 PLOT 16 FFL 3.800 114 PLOT 16 FFL 3.800 114 FFL	Collector drain - Ø100mm Plastic plastic pipe
f2	FFE 3.000 (13a) S88 (225mm \$104 SWS)	PCP Voided stone below shared parking (Depth Varies)
s1 \$3	f13a s8 (S7) 3 (, ones a contract parting (2 open varios)
III 4 A	S1 S23 O/11	5m Sewer Easement
	Vre7 S5LB PLOT 36 FFL 3.800 FFL 3.800 S0 S38	NOTES
cp1 rd2	S39 f34a) Cp6a S39 f34a) Cp6a	Existing Sewers Size, invert and direction of existing drains to be confirmed
PLOT 19 FFL 3.825	Voided Storie PLOTS 37-38 PLOTS 37-38	on site prior to commencements of drainage works Flow Control Chamber
f2a	PLOT 35 Solvential State FFL 3.800 FFL 3.800 FFL 3.700 FFL 3.700 FFL 3.700	Proposed Flow Control Chamber restricting the discharge
PLOT 20 FFL 3.825	Te26 SSO TO SSO	combined chamber fitted with 'U' water trap downstream.
	PLOT 34 PLOT 39 PLOT 34 PLOT 39 FFL 3.700 FFL 3.700 PLOT 39 FFL 3.700 PLOT 39	Hydro-Brake CTL-SHE-0101-5000-1325-5000 Mesh Screening
E	FFL 3.800 S33 T09 GEDA 04.02.2020	Mesh screen to be placed over the outlet pipe of chambers F1L, F3LA, F6LA, F6LB and S7 during site construction
\$5 H 3.3	PLOT 25 rd4 loso PLOT 31 Existing AW Foul 8	works and removed immediately prior to the first occupancy of the dwellings served by the sewers
\$4 f4a	S2L 7 18b FFL 3,900 FFL 4,000 FFL 4,	Collection Trench Stone trenches to allow runoff from diffusers to enter
PLOT 21	Voided Stone Avergration PCP 5 Avergration Or 10815	collection pipe. Minimum gradient within trench to be 1:150 Existing Sewer
FFL 3.700	Cp4 300mm S185 FWS (1.001) Fxisting AW Foul Sewer Ø300 Sewer Ø300	Existing Sewer to be divested and diverted. Subject to Section 185 approval from Anglian Water
PECS Q	PLOT 33 F12	A2 Drawing updated to suit latest S185 plans and updated site layout.
A September 19 19 19 19 19 19 19 19 19 19 19 19 19	Existing AVV Total	updated site layout. A1 Issued for For Approval JD CB DM 30.07.19
Existing AW Foul Sewer 2 100	PLOT 24 7a 5 Sewer 0300 -	Rev Description of updates Date
1) re4 s6 Oct	cp3a CL 3,300 T	Revision Schedule / dt / ctt / ptt
PLOT 22	Attenuation Size (TBC on Site)	farrow 62 Highcross Street, Leicester LE1 4NN
FFL 3.700	Attenuation 300mm (TBC on site)	Walsh 321 Bradford Street, Birmingham B5 6ET
S S S S S S S S S S S S S S S S S S S	Ocp3 Panel fence in 1.8m	© N <
Remains of concrete post-fence ht 2m 3 20	Panel fence ht 1.8m	
panel fence ht 2m		FOR APPROVAL
		FOR APPROVAL
	14a	Client:
X of A State X	140	GEDA Construction Ltd.
		Project:
38		Station Road,
Jan Age Ville		Long Sutton
	18 EX.AW FWMH 7808	
		Title:
	(TBC on site)	Alternative Drainage Strategy
		Drawn: Checked: Approved: Date: Scale: 1:250 @ A1
		CB DM JD July 2019 1:250 @ A1
		Drawing No. Revision:
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