40 meter Buffer Zone

Ex FWS 2100
(Ø1200)
CL 3.36
IL 1.63

EP

EP

FW1.08
(Ø1200)
CL 3.50
IL 1.71

Existing FWS culvert

Discharge to existing watercourse limited to 2.0ltr/s - subject to IDB/LLFA approval

SW1.12Hydrobrake
(Ø2100)
CL 2.85
IL 0.95

SW ATTENUATION (POND 3)
2.00m DEEP
AREA OF LOWER BASE 17m²
AREA OF TOP 658m²
300mm MIN FREEBOARD

SW4.03
(Ø1200)
CL 2.85
IL 1.05

SW3.04
(Ø1200)
CL 2.85
IL 1.07

SW2.05
(Ø1200)
CL 2.85
IL 1.08

FW3.00
(Ø1200)
CL 2.85
IL 2.00

FFL 3.300

SW3.03
(Ø1500)
CL 2.85
IL 1.14

FW2.03
(Ø1200)
CL 2.85
IL 0.95

FW2.02
(Ø1200)
CL 2.85
IL 0.70

FFL 3.100

SW4.02
(Ø1200)
CL 2.85
IL 1.36

FFL 3.000

SW4.01
(Ø1200)
CL 2.85
IL 1.60

SW4.00
(Ø1200)
CL 2.85
IL 1.85

SW ATTENUATION (POND 2)
2.00m DEEP
AREA OF LOWER BASE 44m²
AREA OF TOP 1830m²
300mm MIN FREEBOARD

Discharge to existing watercourse limited to 2.0ltr/s - subject to IDB/LLFA approval

SW1.27Hydrobrake
(Ø2100)
CL 2.85
IL 1.32

POSITION AND DESIGN OF FOUL RISING MAIN INDICATIVE -TO BE CONFIRMED

SW2.04
(Ø1200)
CL 2.85
IL 1.18

FW2.04
(Ø1200)
CL 2.85
IL 0.45

CAR PARKING AREAS DRAINED THROUGH SWALES OR FILTER STRIP PRIOR TO DISCHARGE TO PIPED SYSTEM

SW ATTENUATION (CRATES)
150.0m² x 0.8m DEEP
MIN 600mm COVER

SW3.02
(Ø1500)
CL 2.85
IL 1.25

SW3.01
(Ø1200)
CL 2.85
IL 1.47

FW4.00
(Ø1200)
CL 2.85
IL 2.00

FW2.05
(Ø1200)
CL 2.85
IL 0.45

FW4.01
(Ø1200)
CL 2.85
IL 1.66

SW2.03
(Ø1200)
CL 2.85
IL 1.32

FFL 3.000

FFL 3.100

FFL 2.900

SW ATTENUATION (CRATES)
69.0m² x 0.8m DEEP
MIN 600mm COVER

SW ATTENUATION (CRATES)
175.0m² x 0.4m DEEP
MIN 600mm COVER

SW3.04
(Ø1200)
CL 2.85
IL 1.73

FW2.00
(Ø1200)
CL 2.85
IL 2.00

SW1.26
(Ø1800)
CL 2.85
IL 1.50

FW5.00
(Ø1200)
CL 2.85
IL 2.00

SW1.25
(Ø1800)
CL 2.85
IL 1.57

SW1.24
(Ø1800)
CL 2.85
IL 1.60

SW1.23
(Ø1800)
CL 2.85
IL 1.65

SW1.22
(Ø1800)
CL 2.85
IL 1.70

SW1.21
(Ø1800)
CL 2.85
IL 1.75

SW1.20
(Ø1800)
CL 2.85
IL 1.82

SW1.19
(Ø1800)
CL 2.85
IL 1.88

SW1.18
(Ø1800)
CL 2.85
IL 1.91

SW1.17
(Ø1800)
CL 2.85
IL 1.95

SW1.16
(Ø1800)
CL 2.85
IL 2.00

SW2.02
(Ø1200)
CL 2.85
IL 1.49

FW2.06
(Ø1200)
CL 2.85
IL 0.04

FW5.00
(Ø1200)
CL 2.85
IL 0.95

SW2.01
(Ø1200)
CL 2.85
IL 1.66

SW2.00
(Ø1200)
CL 2.85
IL 1.73

FW2.07
(Ø1200)
CL 2.85
IL -0.30

FW2.08
(Ø1200)
CL 2.85
IL -0.70

FW1.07
(Ø1200)
CL 2.85
IL -0.80

SW1.13
(Ø1200)
CL 2.85
IL 1.71

SW1.14
(Ø1200)
CL 2.85
IL 1.65

SW1.09
(Ø1200)
CL 2.85
IL 1.71

SW1.10
(Ø1200)
CL 2.85
IL 1.60

SW1.08
(Ø1200)
CL 2.85
IL 1.75

SW1.12
(Ø1200)
CL 2.85
IL 1.75

FFL 2.700

FFL 2.900

FFL 3.000

SW ATTENUATION (CRATES)
98.0m² x 0.4m DEEP
MIN 600mm COVER

SW ATTENUATION (POND4)
2.00m DEEP
AREA OF BASE 165m²
AREA OF TOP 450m²
300mm MIN FREEBOARD

SW3.00
(Ø1200)
CL 2.85
IL 1.73

SW1.15
(Ø1200)
CL 2.85
IL 1.43

FW1.06
(Ø1200)
CL 2.85
IL -0.03

FW1.05
(Ø1200)
CL 2.85
IL 0.20

FW1.04
(Ø1200)
CL 2.85
IL 0.32

SW1.11
(Ø1200)
CL 2.85
IL 1.38

FW1.04
(Ø1200)
CL 2.85
IL 0.52

FW1.03
(Ø1200)
CL 2.85
IL 0.69

SW1.15A
(Ø1200)
CL 2.85
IL 1.16

FW1.02
(Ø1200)
CL 2.85
IL 0.95

FW1.01
(Ø1200)
CL 2.85
IL 1.10

SW1.07
(Ø1200)
CL 2.85
IL 1.43

SW1.06
(Ø1200)
CL 2.85
IL 1.64

SW1.05
(Ø1200)
CL 2.85
IL 1.71

SW1.04
(Ø1200)
CL 2.85
IL 1.75

SW1.03
(Ø1200)
CL 2.85
IL 1.47

FW1.00
(Ø1200)
CL 2.85
IL 1.85

SW1.02
(Ø1200)
CL 2.85
IL 1.64

SW1.01
(Ø1200)
CL 2.85
IL 1.71

SW1.00
(Ø1200)
CL 2.85
IL 1.75

SW1.15 Hydrobrake
(Ø1200)
CL 2.55
IL 0.90

SW ATTENUATION (POND 1)
1.25m DEEP
AREA OF LOWER BASE 332m²
AREA OF TOP 1330m²
300mm MIN FREEBOARD

Discharge to existing watercourse limited to 2.0ltr/s - subject to IDB/LLFA approval

DRY

WET

BNDRY.MRKR

POST

LEGEND

SW1.00 — Manhole Reference
(Ø1200) — Manhole Diameter
CL 95.60 — Cover Level
IL 93.60 — Invert Level

Adoptable SWS

SW1.00 — Manhole Reference
(Ø1200) — Manhole Diameter
CL 95.60 — Cover Level
IL 93.60 — Invert Level

Adoptable FWS

Existing FWS

SWS Attenuation

Rev	Date	Description	Made	Checked
A	17/08/21	ISSUED FOR PLANNING	ZJ	SON

Status of Drawing; PLANNING ISSUE

Client

ASHLEY KING DEVELOPMENTS

Project

LINCS GATEWAY
SPALDING

Drawing Title

PRELIMINARY DRAINAGE STRATEGY

LIN Consulting
07341 337283
www.linconsulting.co.uk
stuart@linconsulting.co.uk

Drawn	Check'd	Approved	Scales	Drawing No.	Rev
ZJ	SON	SON	1:500	AH/LG/1000	A

Date AUG 2021