



NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES (mm) AND DIMENSIONS IN METERS ABOVE ORDNANCE DATUM (m AOD), UNLESS OTHERWISE NOTED.
- THE DETAILS SHOWN ON THIS DRAWING HAVE BEEN PRODUCED FOR RIBA STAGE 4, REMAIN SUBJECT TO SAB APPROVAL AND ARE NOT FOR CONSTRUCTION.
- THE TOPOGRAPHICAL & UTILITY SURVEY INFORMATION SHOWN IS BASED ON AZIMUTH LAND SURVEYS LIMITED DRAWING 'KW4968-01' DATE: MARCH 2026.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH CAMBRIA DRAWING REFERENCE: CC2970-CAM-XX-XX-DR-C-0520-Drainage Details
- CANOPY DRAINAGE REQUIREMENTS TBC
- FOUL AS PER CONSILUM DRAWINGS REV P01

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 THIS SYMBOL IS USED TO HIGHLIGHT INSTANCES OF RISK WITHIN THE CONSTRUCTION PROCESS. ALWAYS CHECK FOR LATER REVISIONS OF THIS DRAWING.

KEY

- PROPOSED SURFACE WATER (CARRIER)
- PROPOSED SURFACE WATER (PERFORATED)
- PROPOSED FOUL SEWER
- PROPOSED LAND / FILTER DRAIN
- GREEN ROOF
- RAISED PLANTER
- RAINGARDEN
- ATTENUATION
- PERMEABLE BLOCK
- PERMEABLE TARMAC (PEDESTRIAN LOADING)
- PERMEABLE TARMAC (VEHICLE LOADING)
- RESURFACING ONLY - SAB EXEMPT
- EXISTING DRAINAGE TO BE MADE REDUNDANT
- EXISTING SURFACE WATER DRAINAGE
- EXISTING FOUL WATER DRAINAGE
- RAINWATER DOWNPIPE
- ACO SWALE INLET / OUTLET
- THRESHOLD / LINEAR DRAIN
- INTERNAL FOUL CONNECTION
- PROPOSED FOUL GULLY

MANHOLE SCHEDULE - SURFACE WATER

Manhole Number	Cover Level	Depth To Invert	Connections	Inverts	Pipe diams	Manhole Type/Size
RE - S1/00						TYPE 1 RODDING EYE
273272.47 197505.78	20.10	0.65	0	19.45	1500	
CP - S1/01						PLASTIC CATCHPIT 6000 B125
273279.45 197484.28	20.05	0.65	1	19.40	1500	
CP - S1/02						PLASTIC CATCHPIT 6000 B125
273249.57 197474.38	19.80	0.45	1	19.35	1500	
CP - S1/03						PLASTIC CATCHPIT 6000 B125
273240.01 197479.62	19.80	0.50	1	19.30	1500	
CP - S1/04						PLASTIC CATCHPIT 6000 B125
273226.04 197474.47	19.80	0.55	1	19.25	1500	
FC - S1/05						FLOW CONTROL CHAMBER
273209.61 197474.19	19.90	0.95	3	18.95	1500	
RE - S2/00						TYPE 1 RODDING EYE
273256.85 197506.04	19.90	0.40	0	19.50	1500	
CP - S2/01						PLASTIC CATCHPIT 6000 B125
273220.01 197494.26	20.00	0.75	1	19.25	1500	
RE - S3/00						TYPE 1 RODDING EYE
273182.84 197478.56	20.15	0.70	0	19.45	1500	
CP - S3/01						PLASTIC CATCHPIT 6000 B125
273195.83 197463.17	19.75	0.65	1	19.10	1500	
CP - S4/00						PLASTIC CATCHPIT 6000 B125
273202.90 197482.69	20.10	1.05	0	19.05	1500	
CP - S5/00						PLASTIC CATCHPIT 6000 B125
273270.32 197439.81	19.50	1.00	1	18.50	1500	
FC - S5/01						FLOW CONTROL CHAMBER
273259.34 197436.07	19.35	1.20	1	18.15	1500	
CP - S5/02						PLASTIC CATCHPIT 6000 B125
273235.54 197419.16	18.50	0.75	1	17.75	1500	
CP - S6/00						PLASTIC CATCHPIT 6000 B125
273270.26 197445.96	19.70	1.10	3	18.60	1500	

MANHOLE SCHEDULE - FOUL WATER

Manhole Number	Cover Level	Depth To Invert	Inverts	Manhole Type/Size
FIC1				TYPE 4 4500 B125 PPIC
273267.14 197487.38	19.90	0.90	19.00	
FIC2				TYPE 4 4500 B125 PPIC
273253.83 197483.07	19.90	0.90	19.00	
FIC3				TYPE 4 4500 B125 PPIC
273245.23 197480.21	19.90	0.90	19.00	
FIC4				TYPE 4 4500 B125 PPIC
273234.28 197480.56	19.90	0.90	19.00	
FIC5				TYPE 4 4500 B125 PPIC
273239.64 197482.14	19.90	0.90	19.00	
FIC6				TYPE 4 4500 B125 PPIC
273256.40 197442.07	19.50	0.65	18.85	

MANHOLE SCHEDULE - FOUL WATER

Manhole Number	Cover Level	Depth To Invert	Connections	Inverts	Pipe diams	Manhole Type/Size
F1/00						TYPE 3 4500 B125 PPIC
273268.98 197487.02	19.90	0.70	0	19.20	1000	
F1/01						TYPE 3 4500 B125 PPIC
273239.98 197477.70	19.75	1.00	1	18.75	1000	
F2/01						TYPE 3 4500 B125 PPIC
273238.88 197480.72	19.80	0.85	2	18.95	1500	
F3/00						TYPE 3 4500 B125 PPIC
373187.07 197479.00	20.15	0.85	0	19.45	1000	

RAINGARDEN RG-1
TOTAL PLAN AREA 100m²
BASE LEVEL 19.20m
1:3 SIDE SLOPES
MAX WATER LEVEL Q100+40%cc
19.60m (400mm DEPTH)

SPRINKLER DRAIN DOWN
RATE TO BE RESTRICTED
TO SUIT CAPACITY OF
EXISTING 1000 SYSTEM

SDS GEOLIGHT 400 ATTENUATION
CRATES PROVIDING STORAGE FOR
Q100+40%cc STORM EVENT
VOLUME 37m³ (14m x 7m x 0.375m)
SUBJECT TO SAB APPROVAL
(ATTENUATION REQUIREMENT
COULD INCREASE IF FURTHER
BETTERMENT IS REQUIRED)
IL 19.00

REPLACE LENGTH OF DEFECTIVE
EXISTING COMBINED SEWER

FLOW CONTROL CHAMBER
HYDROBRAKE OPTIMUM
(SHE-0143-8900-0600-8900)
RESTRICTED TO 8.9l/s

CONNECTION TO
SURFACE WATER
DRAINAGE SYSTEM AT
EXISTING MANHOLE
IL 18.83

DISCREPANCY
BETWEEN UTILITY
& CCTV SURVEY

CONNECTION TO
EXISTING SURFACE
WATER BOX CULVERT -
DEPTH UNKNOWN
ASSUMED MINIMUM
750mm DEEP (TBC)

ST JOHN'S TERRACE

P06	THRESHOLD DRAINS AMENDED	GJ	LM	LM
P05	RIBA STAGE 4 / SAB ISSUE	GJ	LM	LM
P04	PLANNING ISSUE	GJ	LM	LM
P03	RIBA STAGE 3 ISSUE - FOR COSTING	GJ	LM	LM
P02	SAB PRE-APP	GJ	LM	LM
P01	FIRST ISSUE - RIBA 2	LM	-	LM
Rev.	Description	By	Chk	App

Client:

KNOX & WELLS

Project:

YGG TREGELES

Drawing Title:

PROPOSED DRAINAGE
LAYOUT

Drawing No:

CC2970 CAM XX XX DR C 0500

Project Originator Function Special B'down B'down Form Disc Number

Status: S4 STAGE 4

Scale @A1: 1:200

Rev: P06

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