



Sinks

NEW LAND DRAINAGE
AT TOE OF CUT

NEW LAND DRAIN OUTFALL
TO CULVERTED WATERCOURSE

NEW LAND DRAIN OUTFALL TO
EXISTING LAND DRAINAGE

BIORETENTION / DETENTION BASIN:

BED AREA @ 121.5m AOD: 280m²
TOP AREA @ 123.0m: 620m²

SIDE SLOPES 1:2 FOR PURPOSES OF OUTLINE SIZING, TO BE
REFINED DURING DETAILED DESIGN WITH BANK/SHELF
PROFILES TO SUIT PLANTING / WILDLIFE HABITAT.

MAX WATER DEPTH (100YR+CC): 0.96m

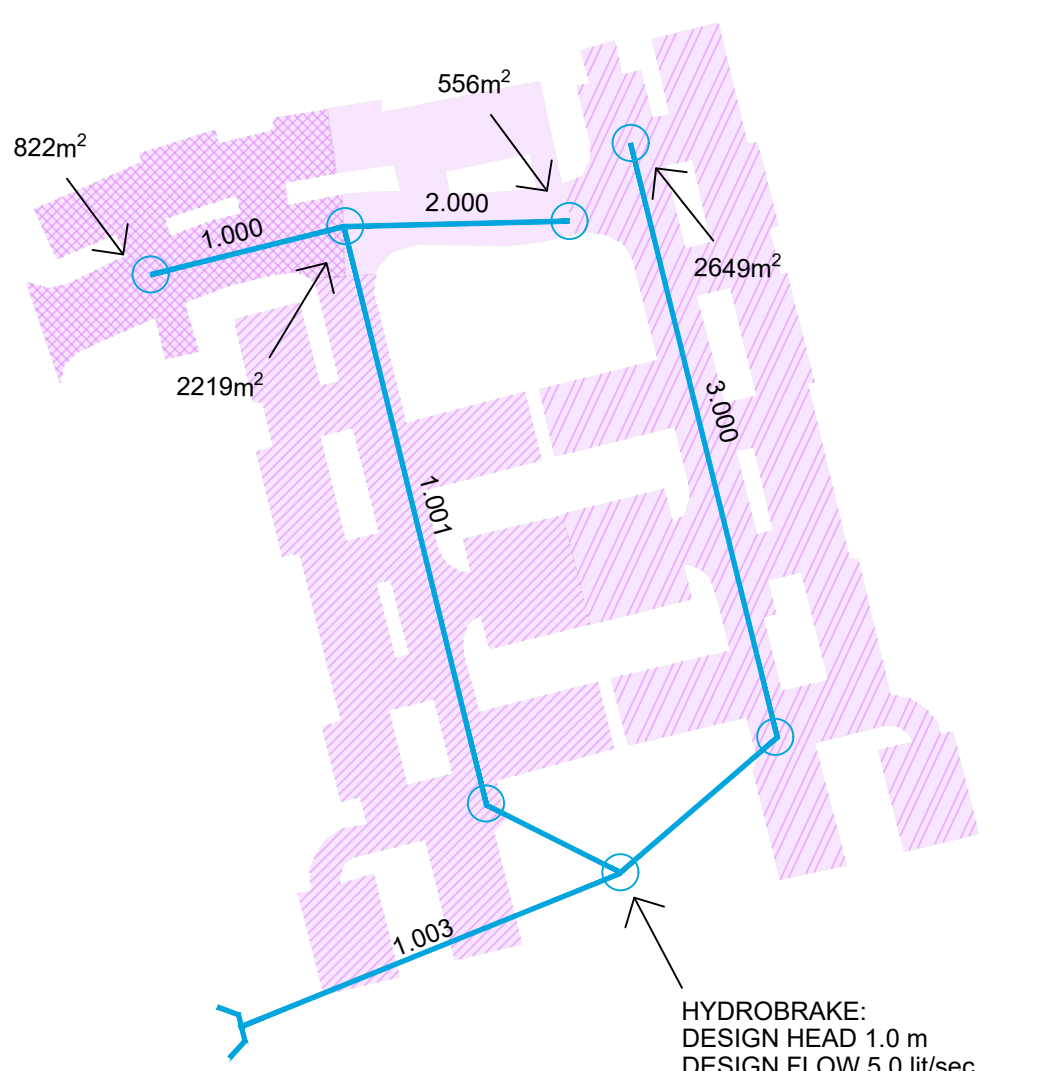
FREEBOARD ABOVE MAX WL TO GROUND LEVEL: 0.54m

PLANTING, FILTER MEDIUM & DRAINAGE LAYER DETAILS TO
BE CONFIRMED.

UNLINED TO UTILISE ANY INHERENT INFILTRATION
POTENTIAL.

IMPORTANT NOTE: SIZE SHOWN IS INDICATIVE **MAXIMUM**
ASSUMING ZERO INFILTRATION & NO UPSTREAM SUDS TRAIN
DEVICES TO SLOW & TREAT FLOWS.
SUDS AREA SIZE WILL **REDUCE** AT DETAILED DESIGN STAGE
WHEN GROUND INFILTRATION POTENTIAL IS KNOWN AND
DETAILED LEVELS & UPSTREAM SUDS TRAIN DEVICES ARE
DEVELOPED.

CONNECTION TO CULVERTED
WATERCOURSE



HYDROBRAKE:
DESIGN HEAD 1.0 m
DESIGN FLOW 5.0 lit/sec

POND STORAGE:
BASE AREA 280 m²
100YRcc WATER DEPTH 0.96m

MODEL SCHEMATIC

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DO NOT SCALE FROM THIS DRAWING.

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE.
ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM.
DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO
CAMBRIA CONSULTING LIMITED BEFORE PROCEEDING.

THE CONTRACTOR IS TO REFER TO THE SPECIFICATION,
FULL SCHEDULE OF RESIDUAL RISKS IN THE CONTRACT
DOCUMENTATION AND ALSO TO INFORMATION FROM OTHER
DESIGNERS, IN PARTICULAR THE MSE CONSULTANT
REGARDING EXISTING LIVE SERVICES.

 THIS SYMBOL IS USED TO HIGHLIGHT INSTANCES
OF RISK WITHIN THE CONSTRUCTION PROCESS.

ALWAYS CHECK FOR LATER REVISIONS OF THIS DRAWING.

KEY:

- EXISTING CULVERTED WATERCOURSE
- EXISTING LAND DRAIN ("FRENCH DRAIN")
- EXISTING STORM SEWER
- EXISTING FOUL SEWER
- PROPOSED SW DRAIN
- PROPOSED LAND DRAIN
- PROPOSED FW SEWER
- SOFT SUDS AREA (COMMUNAL BIORETENTION / DETENTION BASIN; INDIVIDUAL PLOT RAIN-GARDENS)
- POROUS SURFACING

P01	FIRST ISSUE.	GT	BW	BW
Rev	Description	By	Chk	App

Client:

Project:

WYNNSTAY PARK

Drawing Title:

PROPOSED DRAINAGE
STRATEGY

Drawing No.

CC2052 CAM 00 00 GA C 52 1101

Project No.	Org.	Vol.	Level	Type	Dis.	Class	No.
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Suitability Status:	Scale @A1:	Rev:
PRELIMINARY	1:500	P01

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