



NEW PROPOSED ATTENUATION LEAD
 LOWEST FFL = 69.700m
 150mm FREEBOARD i.e. 1:100 YEAR WATER LEVEL = 69.200m
 FULLY CHECK
 DULY CHECK
 SLOPE OF ROAD = 1:4
 SLOPE OF POND = 1:4
 TOP AREA OF BASIN AT 1:100 YEAR WATER LEVEL = 69.350m
 BOTTOM AREA OF BASIN AT 1:100 YEAR WATER LEVEL = 68.900m
 AVERAGE AREA OF BASIN AT 1:100 YEAR WATER LEVEL = 374.59m² x 0.50m = 224.73m³
 1:100 YEAR STORM VOLUME PROVIDED = 374.59m² x 0.50m = 224.73m³
 1:100 YEAR STORM VOLUME REQUIRED = 224.73m³
 REFER TO DRG. 151 FOR ATTENUATION POND SECTION AND DETAILS.

Refer to Malone O'Regan drawing pack for additional information

DRAINAGE LEGEND	
225e SW PIPE @ 1:	PROPOSED FOUL MANHOLE
FW AJ	PROPOSED FOUL ARMSTRONG JUNCTION
—	EXISTING FOUL DRAINAGE LINE
○	EXISTING FOUL MANHOLE
EXFW AJ	EXISTING FOUL ARMSTRONG JUNCTION
—	PROPOSED SURFACE DRAINAGE LINE
■	PROPOSED SURFACE MANHOLE
SW AJ	PROPOSED SURFACE ARMSTRONG JUNCTION
—	PROPOSED SURFACE ROAD GULLY
RWP	PROPOSED SURFACE RAIN WATER PIPE
—	EXISTING SURFACE DRAINAGE LINE
□	EXISTING SURFACE MANHOLE
EXSW AJ	EXISTING SURFACE ARMSTRONG JUNCTION
—	EXISTING SURFACE ROAD GULLY
RWP	EXISTING SURFACE RAIN WATER PIPE

Refer to Semple & McKillop drawing pack for additional information

LEGEND	
—	EXISTING UNDERGROUND STREET/SITE LIGHTING CABLE ROUTE (SUBJECT TO IDENTIFICATION ON SITE)
—	EXISTING OVERHEAD STREET/SITE LIGHTING CABLE ROUTE (SUBJECT TO IDENTIFICATION ON SITE)
—	PROPOSED PUBLIC LIGHTING DUCTING ROUTE. DUCTS SHALL BE UPVC COMPLYING WITH BS3309 CLASS B OR HIGH DENSITY POLYTHENE PIPE TO IS 135 CLASS B. MINIMUM SIZE 50mm WITH 100mm SPARE DUCTS DEPLOYED AT ROAD CROSSINGS.
—	PROPOSED PUBLIC LIGHTING DUCTING ROUTE. DUCTS SHALL BE UPVC COMPLYING WITH BS3309 CLASS B OR HIGH DENSITY POLYTHENE PIPE TO IS 135 CLASS B. MINIMUM SIZE 100mm WITH 100mm SPARE DUCTS DEPLOYED AT ROAD CROSSINGS.
■	PROPOSED PUBLIC LIGHTING MICRO PILLAR. PROPOSED MICRO PILLAR SHALL BE LOCATED A MINIMUM DISTANCE 2M FROM ESB NETWORKS MINI-PILLARS.
▼	EXISTING ESB NETWORKS MINI-PILLAR AND/OR RECESSED VAULT
■	PROPOSED ESB NETWORKS MINI-PILLAR & VC2 VAULT ARRANGEMENT
■	PROPOSED (800x800) CONCRETE DRAW PIT / INSPECTION CHAMBER
●	DENOTES 6 METRE COLUMN MOUNTED PUBLIC LIGHTING LUMINAIRE
●	DENOTES COLUMN 8 METRE MOUNTED PUBLIC LIGHTING LUMINAIRE
⊕	EXISTING STREET LIGHTING POLE

Refer to drawings 101 and 102 for additional information on landscape design

LEGEND	
○	Existing Trees for Retention Refer to arboricultural drawings and survey
○	Root Protection area Refer to arboricultural drawings and survey
○	Existing Trees to be removed Refer to arboricultural drawings and survey
●	Proposed Street Tree and Amenity spaces Planting Size and shape varies Min. 2m clear stem for street trees Refer to design report
●	Proposed Edible Planting Trees and shrubs Refer to design report

REV	DESCRIPTION	DATE
01	Issue for planning	12/03/2024

Mitchell + Associates

PROJECT TITLE:
Social Housing Bundle 4 & 5
 CLIENT:
NDFA

DRAWING NAME:
 Oldtown Mill - Landscape and biodiversity
 Coordinated services
 DRAWING NUMBER:
0103
 JOB NUMBER:
LSOC003

DRAWN BY	CHECKED	DATE
CF	FP	12/03/2024

STATUS:	SCALE:	REVISION
PLANNING	1:400 @ A1	01

NOTES:
 All dimensions are in millimeters unless otherwise stated and shall be checked and confirmed by the contractor on site. Any discrepancies shall be immediately reported to the landscape architects. Work to figured dimensions only - Do not scale from drawing. Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.
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