





KEY:

-  Zone between below ground obstructions (tree roots & basement walls)
-  Tree root protection zones
-  Crown Spread (extent of current crown).
-  Maximum footprint on site for excavating foundations for modular building, set-out 300mm clear of below ground obstructions

Existing MDPE irrigation system supply route to be retained and re-used to serve Pop-up Laboratories. Existing pipework to be excavated to confirm condition and to wrap existing pipe with insulation. Pipework depth to be reviewed. If less than 750mm pipework shall be provided with trace heating to protect system from freezing.

Existing pipework disconnected from existing galvanised supply and reconnected to new Category 1 Potable supply extended from Laboratory below

Extend existing main into Laboratory compound to provide new meter and meter chamber located under existing escape route decking

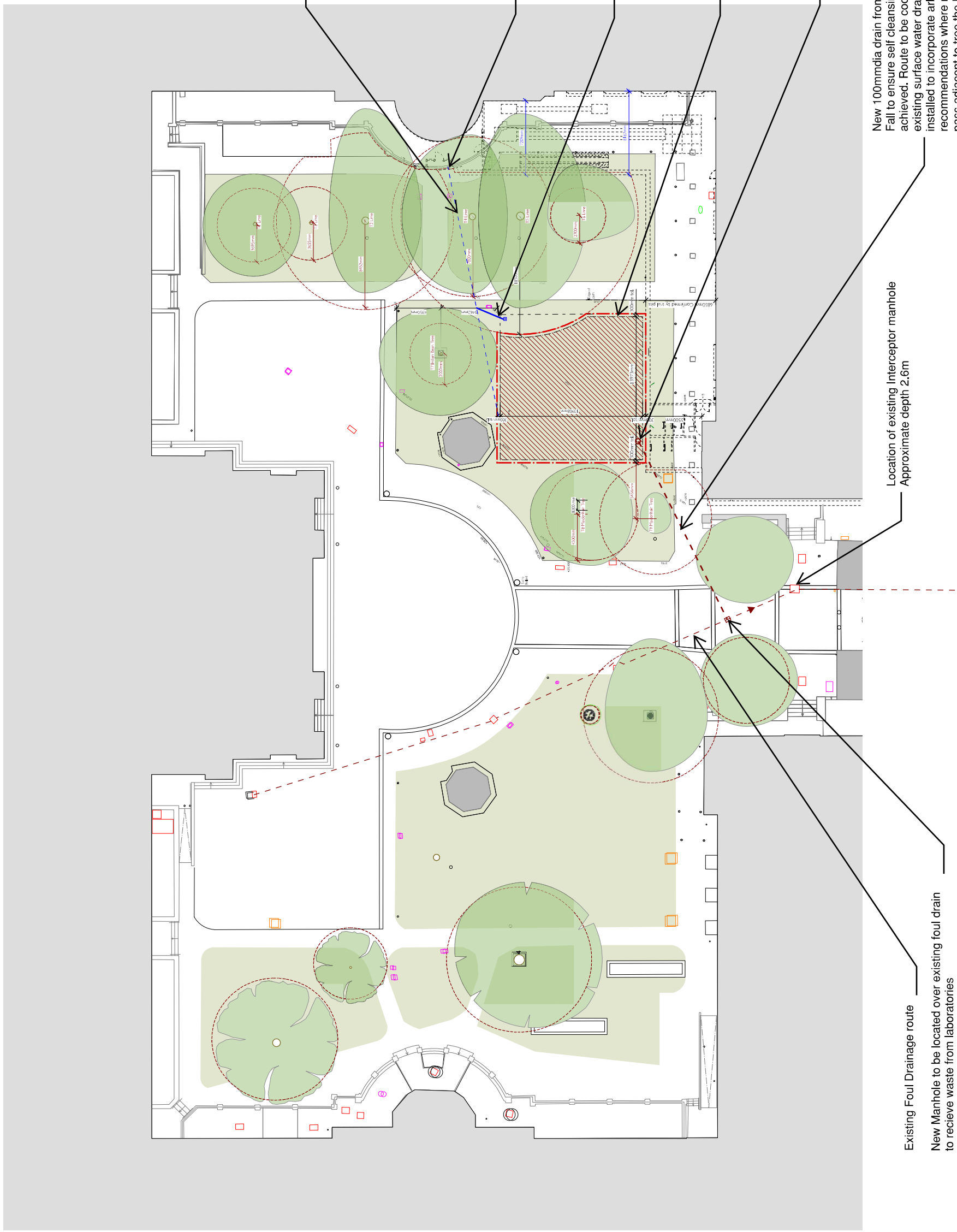
Location of existing building

New 450mm Dia polypropylene prefabricated access chamber to receive gravity drain from Laboratories

New 100mm dia drain from laboratories. Fall to ensure self cleansing velocity is achieved. Route to be coordinated with existing surface water drainage and be installed to incorporate arboriculturist recommendations where route needs to pass adjacent to tree the Maidenhair tree root ball.

Location of existing Interceptor manhole
Approximate depth 2.6m

Existing Foul Drainage route
New Manhole to be located over existing foul drain to receive waste from laboratories



PROJECT TITLE
UCL Bulge Pop-up laboratories
PROJECT TITLE
MEP External Services Proposals

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P3002353
SKETCH NUMBER
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