NOTES

1. The location, size, depth and identification of existing services that may be shown or referred to on these drawings have been assessed from non-intrusive observations, record drawings and the like. Any Contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing any works to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to the Client prior to the commencement of any works.

Legend
- Existing surface water drainage
- Existing foul/combined drainage
- Redundant to be removed
- Foul water drainage
- Surface water drainage
- Pumping main
- Phase 2 drainage

Leasehold Boundary

Double Height Space
Roller racking assembly to provide level two gantry, no physical floor at level two.

Divert existing 150Ø into new 100Ø temporary drain
ExCatch Pit No.1
Existing gully retained
100Ø RWP into trapped roddable gully refer detail D07
ExMH No.4 CL 22.940 IL 22.410± Dp 0.530±
MH No.3
Divert existing 150Ø into new 100Ø temporary drain
SWVP No.2 100Ø Drain point refer detail D01
FFL 23.000±
100Ø 1.2m high stub stack rodding point refer detail D01
Branch No.2
This drain to be made redundant once ExMH No.6 is diverted into new FWD
Redundant MH to be removed
Existing gully retained
MH No.2
ExMH No.6 CL 23.240 IL 22.880± Dp 0.360±
Divert existing 150Ø into new 100Ø drain
100Ø RWP into trapped roddable gully refer detail D07
Pumping main Flanged end with test point
MH No.1
100Ø 1.2m high stub stack rodding point refer detail D01
Site verification required that existing gully is redundant
ExMH No.7&7a CL 22.970 IL 22.390± Dp 0.580±
Divert existing 100Ø RWP into new trapped gully refer detail D07
WP No.- 100Ø Drain point refer detail D01
Redundant MH to be removed
Site verification required that existing gully is redundant
SWVP No.1 100Ø Drain point refer detail D01
100Ø Pumping main pressure relief vent pipe to atmosphere by others
SWVP No.4 100Ø Drain point refer detail D01
Changes in direction to be via long radius 135° bend
Pumping main flanged joint connects onto 100Ø ramp connection into manhole. Main to be pressure tested before and after backfill and then connected onto ramp
FFL 23.000±
Southern Manhole To be prefabricated following site measurement
WP No.- 100Ø Drain point refer detail D01
Note: The drainage sizes and gradients for the index drain runs are given in the manhole schedule. All other drainage is to be 100Ø installed at a gradient of 1:40
New Stair & Cycle Rail
New Ramp Above
WP No.- 100Ø Drain point refer detail D01
Cut in new 100Ø drain into ExMH No.3 and make good benching and chamber
Existing redundant WC branch to be made redundant
ExMH Northern Outfall CL 22.800 IL 21.770± Dp 1.030±
100Ø Clay Combined Drain
Connect onto existing 100Ø manhole channel and make good benching and chamber walls. Note: Existing interceptor to be removed
Existing gully reused
VP branch to be made redundant
SWVP No.3 100Ø Drain point refer detail D01
100Ø Plant room gully refer detail D02
Divert existing drainage into new MH
Connect onto existing 100Ø drain Note: Existing manhole and interceptor to be removed
ExMH Southern Outfall CL 22.800 IL 21.840± Dp 0.960±
Redundant drain
Redundant drain
Site verification required that existing gully is redundant

Neighbouring Window- Right to light issue to be reviewed
Neighbours wall to be reviewed
Neighbouring Window- Right to light issue to be reviewed
Adjoing Neighbours
Adjoing Neighbours Assumed Lightwell

Rev	Date	Description	By
P5	02.09.21	Drainage updated see revision red cloud	jdh
P4	13.03.20	Drainage updated see revision red cloud	jdh
P3	28.11.19	Updated to incorporate Architects comments	jdh
P2	25.11.19	Updated to incorporate Architects comments	jdh
P1	18.11.19	Preliminary	jdh

Client: Dr. WILLIAM'S TRUST

Project: Dr. WILLIAM'S LIBRARY
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Drawing Title: ENABLING WORKS
PROPOSED DRAINAGE

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Scale: 1:50 @ A0
Date: November 2019
Drawn: jdh
Drawing Number: 474 D02 P5