

NOTE: ALL PHASE 1 WORKS (WHICH INCLUDE MANHOLES S1-S26) HAVE BEEN CONSTRUCTED AS SHOWN

NOTE: DRAINAGE IS A MIXTURE OF INVERT & SLOPE MANHOLE DESIGN. SEE B41 MANHOLE DETAILS FOR SPECIFIC PIPE INLET/OUTLET LEVELS

NOTE: ALL PERMEABLE PAVING SURGRADE DESIGN & COLLECTOR PIPE LOCATIONS TO BE CONFIRMED

NOTE: ALL RWP PIPE POSITIONS TO BE AGREED WITH THE ARCHITECT

NOTE: DAVID LLOYD SITE DRAINAGE DESIGNED BY OTHERS. STORAGE VOLUME TO BE PROVIDED TO SUIT MAXIMUM 60 L/SEC OUTLET

NOTES

DRAINAGE

- 1 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS & ENGINEERS DRAWINGS & SPECIFICATIONS
- 2 DRAINS TO BE HEAVY DUTY SUPERSEWER OR MAYOR TO BS 592, TABLE 4 OR TO BS 593:1, 1986 APPENDIX D
- 3 ALL TRENCHES WITHIN TRAFFICKED AREAS TO BE BACKFILLED WITH 75MM DOWNGRADED STONE FILL, ALL PIPES IN ROADWAYS PARKING LINES SHALL BE PLACED & COMPACTED IN LAYERS OF 150MM, MINIMUM 150MM
- 4 MANHOLES TO BE CONSTRUCTED AT 300MM CENTRES PROVIDE FLEXIBLE JOINTS AT 300MM CENTRES
- 5 MANHOLES BENEATH ROADS & PARKING AREAS TO BE CASED IN 150MM CONCRETE SURROUND, ALL PROVIDED WITH RIDDING ACCESS
- 6 ROAD GULLIES TO BE HEAVY DUTY ROAD GULLIES REEF 213 WITH 150MM DIAMETER OUTLET OR SIMILAR APPROVED GULLIES TO BE ENCASED IN 150MM MINIMUM CONCRETE
- 7 DRAININGS TO BE ISSUED TO EA & LOCAL AUTHORITY WELL IN ADVANCE OF COMMENCEMENT OF DRAINAGE LEVELS CONFIRMED PRIOR TO DRAINAGE
- 8 EXISTING MANHOLES IN ROADS TO HAVE INVERT LEVELS CONFIRMED PRIOR TO DRAINAGE
- 9 EXISTING MANHOLES IN ROADS TO HAVE INVERT LEVELS CONFIRMED PRIOR TO DRAINAGE
- 10 ROADS TO BE REINSTATED TO STANDARD REQUESTED BY LOCAL AUTHORITY WHERE DRAINAGE CROSSES
- 11 ALL PIPE RUNS WITHIN FLOOD COMPENSATION ZONES TO HAVE A MINIMUM COVER OF 900MM, TEMPORARY PROTECTION OF PIPES TO BE PROVIDED DURING CONSTRUCTION FOR LARGE VEHICLES TRACKING OVER
- 12 ALL SURFACE WATER DRAINAGE TO BE CONSTRUCTED USING CONCRETE TO CLASS DS4 (NORMAL ST MAX) USING APPROVED CONCRETE TO CLASS DS4 (SPECIAL)

KEY:

- INDICATES SURFACE WATER MANHOLES
- INDICATES LINEAR DRAINAGE CHANNELS
- INDICATES EXISTING MANHOLES
- INDICATES NEW PIPE RUNS
- ALL PIPES CONNECTED DIRECTLY INTO GULLIES TO BE 150MM DIAMETER

FULL APP

TOWN PLANNING

Revision Schedule

Project Title
Catalyst Bicester
Wendlebury Road, Bicester

Client
ALBION LAND

Drawing Title
FULL APPLICATION
SW Drainage layout

BAILEY JOHNSON HAYES

Consulting Engineers

ST ALBANS, Suite 4, Phoenix House, 63 Campbell Rd, ST ALBANS, Herts AL1 9L

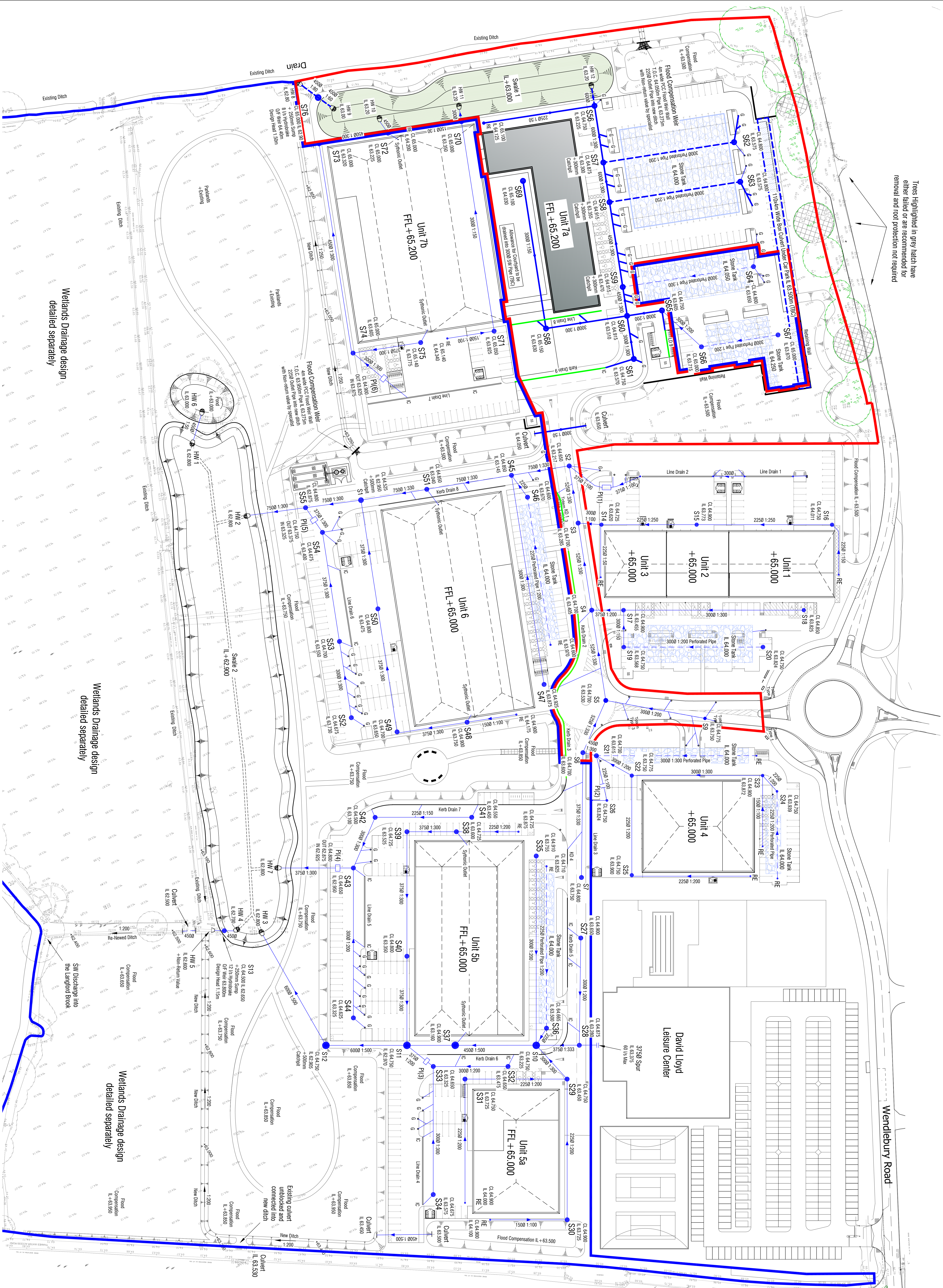
WINDCENTRE, Cherry House, 20th Floor, 20th Floor, WINDCENTRE, 20 99V

Scale: 1:500 @ A0

Date: 11.03.22

Drawn: JNG

Sheet: S1358-EK-74



Trees Highlighted in grey hatch have either failed or are recommended for removal and root protection not required

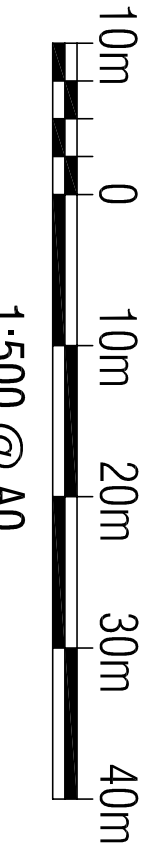
Wetlands Drainage design detailed separately

Wetlands Drainage design detailed separately

Wetlands Drainage design detailed separately



Full App SW Drainage Layout 1:500



Application Boundary
Other Land in Control of the Applicant