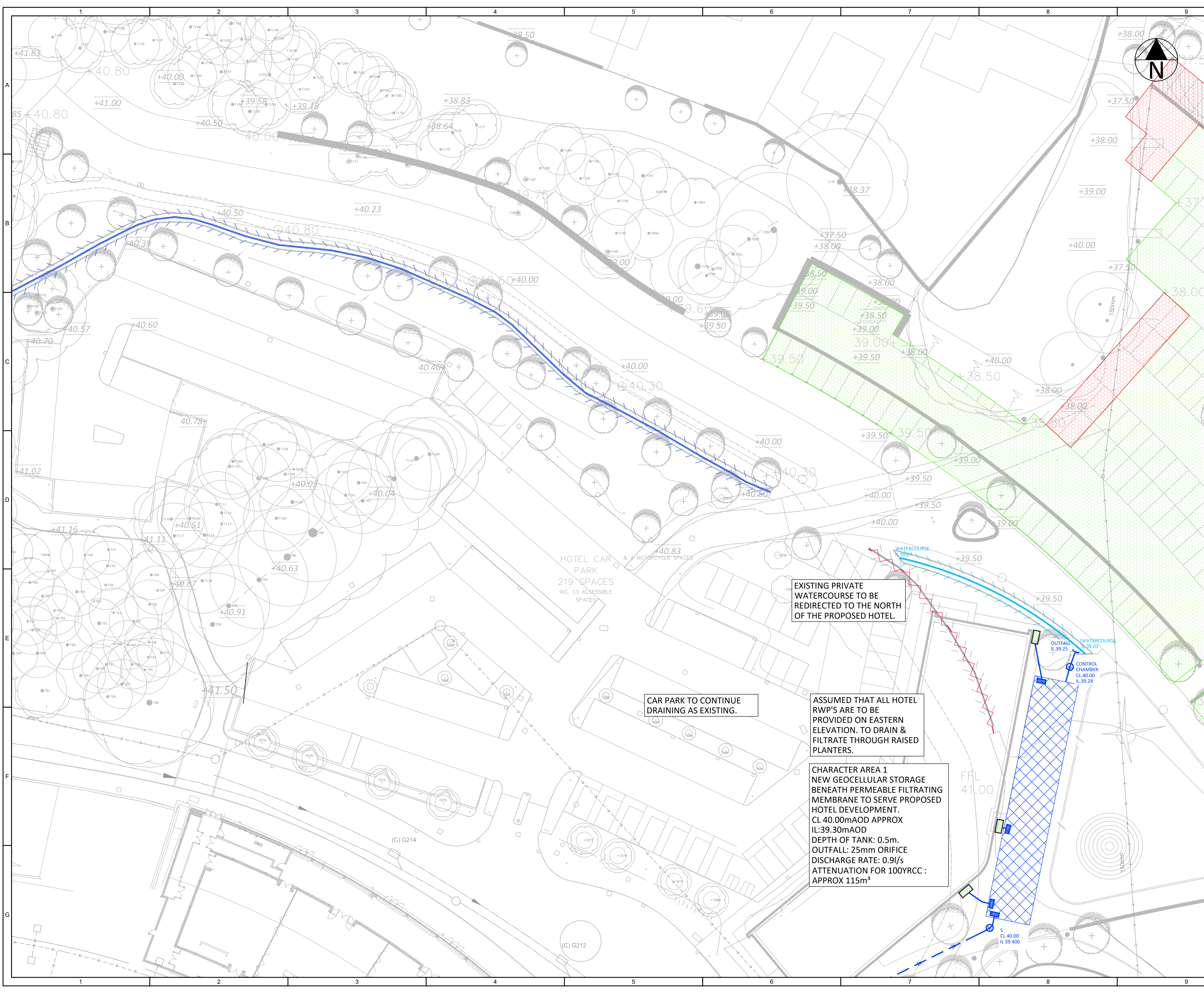




KEY

EXISTING DRAINAGE

--- EXISTING SURFACE WATER

--- EXISTING FOUL WATER SEWER

--- PRIVATE SW DRAIN

--- EXISTING DRAINAGE TO BE ABANDONED

--- EXISTING WATERCOURSE TO BE RETAINED

PROPOSED PRIVATE DRAINAGE

--- SURFACE WATER DRAIN/SEWER

⊕ SURFACE WATER CHAMBER

--- DIVERTED CULVERTED WATERCOURSE

⊕ DIVERTED WATERCOURSE INSPECTION CHAMBER

PERMEABLE PAVING

EARTHWORKS

FOUL WATER DRAIN/SEWER

⊕ FOUL WATER CHAMBER

CELLWEB CONSTRUCTION

GEOSYNTHETICS TURFMESH GRASS PROTECTION OR SIMILAR APPROVED

GREEN ROOF

INFILTRATING FILTER STRIP

PROPOSED DIVERTED WATERCOURSE

NOTES:

1. ALL BUILDING DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BRITISH/EUROPEAN STANDARDS BSEN752, THE CURRENT BUILDING REGULATIONS AND THE LOCAL AUTHORITY BUILDING CONTROL SPECIFICATIONS AND REQUIREMENTS.

2. EXISTING SERVICES TO BE IDENTIFIED AND MARKED ON SITE PRIOR TO COMMENCEMENT & ARRANGE FOR ANY NECESSARY PROTECTION, DIVERSION/LOWERING WORKS AS REQUIRED.

3. ALL SURFACE PRIVATE DRAINAGE PIPES TO BE 100mm DIAMETER UNLESS OTHERWISE STATED WITH A MIN GRADIENT OF 1:100 UNLESS OTHERWISE STATED.

4. PROPOSED FINISHED LEVELS TO BE DESIGNED BY OTHERS. AS A RESULT ALL PROPOSED COVER LEVELS & INVERT LEVELS SHOWN ARE TO BE REVIEWED IN LINE WITH THE PROPOSED EXTERNAL WORKS PLAN PRODUCED BY OTHERS.

5. ALL DRAINAGE WORKS TO BE CONSTRUCTED FROM THE OUTFALL TOWARDS THE HEAD OF THE RUN TO ENSURE THE OUTFALL CAN BE ACHIEVED.

6. DRAINAGE SHOWN IS PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

7. ALL RWP AND SVP SHOWN INDICATIVELY ONLY AND SUBJECT TO DETAILED DESIGN.

KEYPLAN

C	UPDATED TEXT ON ATTENUATION NOTE	06/09/23	RJP	PS
B	DRAINAGE LAYOUT UPDATED IN ACCORDANCE WITH ARCHITECTS SITE PLAN	23/06/23	RJP	JE
A	FIRST ISSUE	30/08/22	NSD	JE
REV.	DESCRIPTION	Date	BY	CHK

DESIGN BY:

CLIENT:

LDA/HCCC

ARCHITECT:

DRAWING STATUS:

PLANNING APPLICATION

SCALE @ A1:

0 1:250 12.5 metres

PROJECT:

AGEAS BOWL, SOUTHAMPTON

TITLE:

DRAINAGE STRATEGY SHEET 6

PROJECT No:	DRAWING No:	REV:
19320	D15	C

EXISTING PRIVATE WATERCOURSE TO BE REDIRECTED TO THE NORTH OF THE PROPOSED HOTEL.

CAR PARK TO CONTINUE DRAINING AS EXISTING.

ASSUMED THAT ALL HOTEL RWP'S ARE TO BE PROVIDED ON EASTERN ELEVATION. TO DRAIN & FILTRATE THROUGH RAISED PLANTERS.

CHARACTER AREA 1
NEW GEOCELLULAR STORAGE BENEATH PERMEABLE FILTRATING MEMBRANE TO SERVE PROPOSED HOTEL DEVELOPMENT.
CL 40.00mAOD APPROX
IL:39.30mAOD
DEPTH OF TANK: 0.5m.
OUTFALL: 25mm ORIFICE
DISCHARGE RATE: 0.9l/s
ATTENUATION FOR 100YRCC : APPROX 115m³