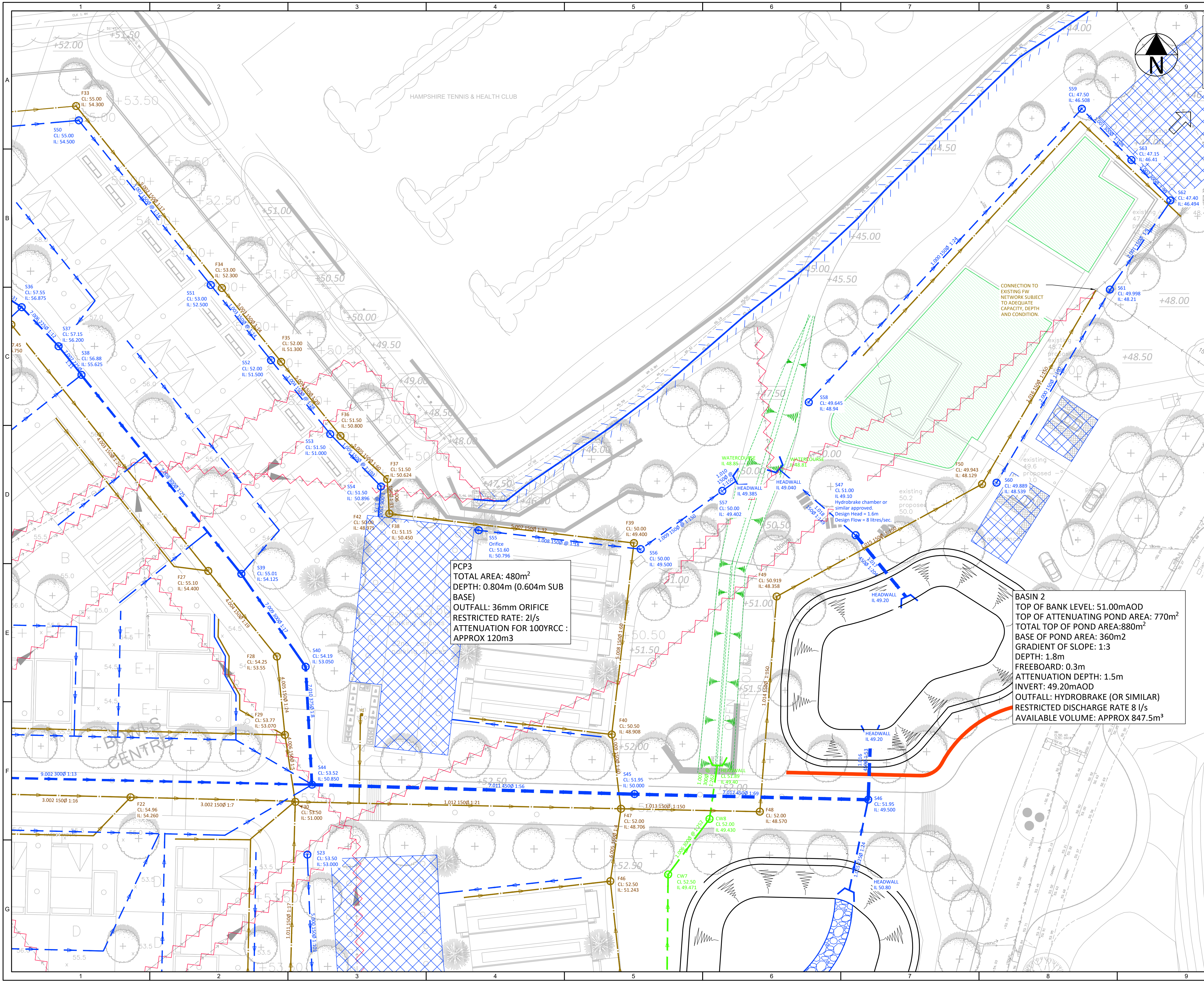




KEY

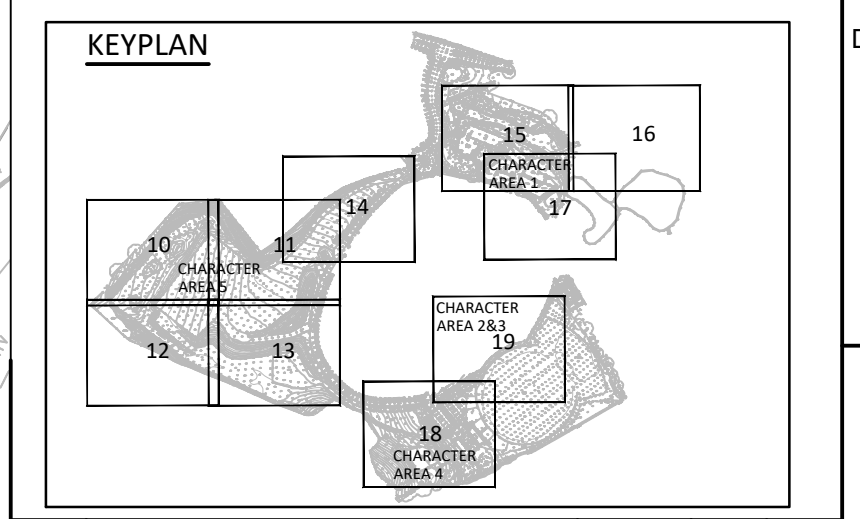
EXISTING DRAINAGE

- 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
- ▨ GEOSYTHETICS 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.



D	UPDATED ISSUE FOLLOWING CLIENT COMMENTS	23/06/23	RJP	JE
C	DRAINAGE LAYOUT UPDATED IN ACCORDANCE WITH ARCHITECTS SITE PLAN	21/06/23	RJP	JE
B	DRAINAGE LAYOUT UPDATED TO SUIT REVISED SITE LAYOUT	30/08/22	NSD	JE
A	FIRST ISSUE	01/08/22	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 2

PROJECT No: 19320

DRAWING No: D11

REV: D

PCP3
TOTAL AREA: 480m²
DEPTH: 0.804m (0.604m SUB BASE)
OUTFALL: 36mm ORIFICE
RESTRICTED RATE: 2l/s
ATTENUATION FOR 100YRCC :
APPROX 120m³

BASIN 2
TOP OF BANK LEVEL: 51.00mAOD
TOTAL TOP OF POND AREA: 770m²
TOTAL TOP OF POND AREA: 880m²
BASE OF POND AREA: 360m²
GRADIENT OF SLOPE: 1:3
DEPTH: 1.8m
FREEBOARD: 0.3m
ATTENUATION DEPTH: 1.5m
INVERT: 49.20mAOD
OUTFALL: HYDROBRAKE (OR SIMILAR)
RESTRICTED DISCHARGE RATE 8 l/s
AVAILABLE VOLUME: APPROX 847.5m³