N

0 5 10 20m

SCALE 1:250

CAEPOUND

SEE INSERT B FOR DITCH CONTINUATION AND PITCH EXTENTS

LOWEST INVERT LEVEL @ APPROX 97.150

INDICATES HEADWALL

450mm DIA. CULVERT DISCHARGING FROM DITCH TO THE EAST, AS MENTIONED IN H&H DRAINAGE (INFILTRATION) REPORT

(97.900)

INDICATES EXISTING DITCH LOCATED NORTH OF SITE, AS MENTIONED IN H&H DRAINAGE (INFILTRATION) REPORT

FURTHER INVESTIGATION REQUIRED TO DETERMINE CATCHMENTS / CAPACITY / ROUTE / DOWNSTREAM NETWORK OF EXISTING DITCH TO CONFIRM FEASIBILITY OF CONNECTION FROM PROPOSED SITE

EXISTING 225mm DIA SURFACE DRAIN. ASSUMED HIGHWAY DRAIN. TAKEN FROM SITE VISIT. TO BE RETAINED. CONTRACTOR TO REVIEW AND CONFIRM IF THERE IS A CLASH WITH THE PROPOSED OUTFALL.

EXISTING 150mm DIA SURFACE DRAIN. ASSUMED CONNECTS EXISTING DITCHES ACROSS FIELD. TO BE RETAINED

INSERT B

EXISTING 225mm DIA VC FOUL SEWER

WELSH WATER TO PROVIDE COVER AND INVERT TO CONFIRM FEASIBILITY OF FOUL CONNECTION. TBC

WW-9902
CL:UNKNOWN
IL: UNKNOWN

LOWEST INVERT LEVEL @ APPROX 96.880

POTENTIAL SECTION 104 ADOPTED DRAINAGE RUN TO CONNECT TO EXISTING FOUL SEWER IN CARRIAGEWAY

PERMEABLE PAVING (SYSTEM C) - PP-02
TO BE LOCATED BENEATH PARKING BAYS / AISLE.
DRAINED AREA = 1440m² (BAYS AND AISLES)
SRP = 1 IN 100 YR + 40% CLIMATE CHANGE.
259m³ STORAGE PROVIDED IN OPEN GRADED CRUSHED ROCK (OGCR) TYPE 3 OR SIMILAR WITH MIN 30% VOIDS.
1440m² x 600mm DEEP (COMBINED).
MAX WATER LEVEL = TBC
MAX WATER DEPTH = TBC
MAX STORAGE VOLUME = TBC

INDICATES PROPOSED BASIN TBC

LOW POINT

(98.500)

FLOW CONTROL MANHOLE - FC-02
HYDRO-BRAKE FLOW CONTROL.
DISCHARGE LIMITED TO **2.6l/s (QBar)**
CL: 99.000 TBC
IL: 98.000 TBC
HEAD: 600mm TBC

CCTV / GPR REQUIRED TO CONFIRM EXTENT OF EXISTING DRAINAGE WITHIN SITE

EXISTING ROAD ACCESS

FOR CONTINUATION SEE DRAWING C001

INDICATES PROPOSED SWALE TBC

INDICATES PROPOSED SWALE TBC

LEGEND - DRAINAGE STRATEGY

PROPOSED DRAINAGE - FOUL

- FOUL WATER DRAIN
- FOUL WATER MANHOLE
- FOUL WATER INSPECTION CHAMBER
- RE — FOUL RODDING EYE Ø as noted
- YG — FOUL YARD GULLY
- FD — FLOOR DRAIN
- 01 — FOUL OUTLET / STACK POSITION (Refer to Service Engineer / Architect for Details) (Shown indicative)

PROPOSED DRAINAGE - STORM

- STORM WATER DRAIN
- STORM WATER MANHOLE
- STORM WATER INSPECTION CHAMBER
- RE — STORM RODDING EYE Ø as noted
- RG — ROAD GULLY
- PG — 'PAVED AREA' GULLY
- YG — YARD GULLY
- RWO — RAIN WATER DOWNPIPE
- LCD — DRAINAGE CHANNEL

NOTE: DRAINAGE HAS ONLY BEEN SHOWN INDICATIVELY TO DEMONSTRATE THE PRINCIPLES OF THE DRAINAGE STRATEGY AND SHOULD NOT BE USED FOR PRICING

Notes:

1. Do not scale from this drawing. All dimensions are in metres unless noted otherwise.
2. Drawing to be read in conjunction with all other consultants drawings. Any discrepancies are to be reported to the engineer immediately.
3. Position of existing services/statutory undertakers apparatus are to be checked by the contractor prior to starting work.

Rev	Date	Details	Drawn
B	19.10.26	UPDATED FOLLOWING SITE VISIT	JM
A	11.09.26	ISSUED FOR COMMENT	JM

K-Ten Consulting

CLIENT:
–

PROJECT:
HAY-ON-WYE BOWLING CLUB, BRECON RD, HAY-ON-WYE.

TITLE:
DRAINAGE STRATEGY SHEET 2

SCALE @ A1:	DATE:	STATUS:
1:250	11.09.26	INFORMATION

JOB NO:	DRAWING NO:	REVISION:
25-3141	C002	B