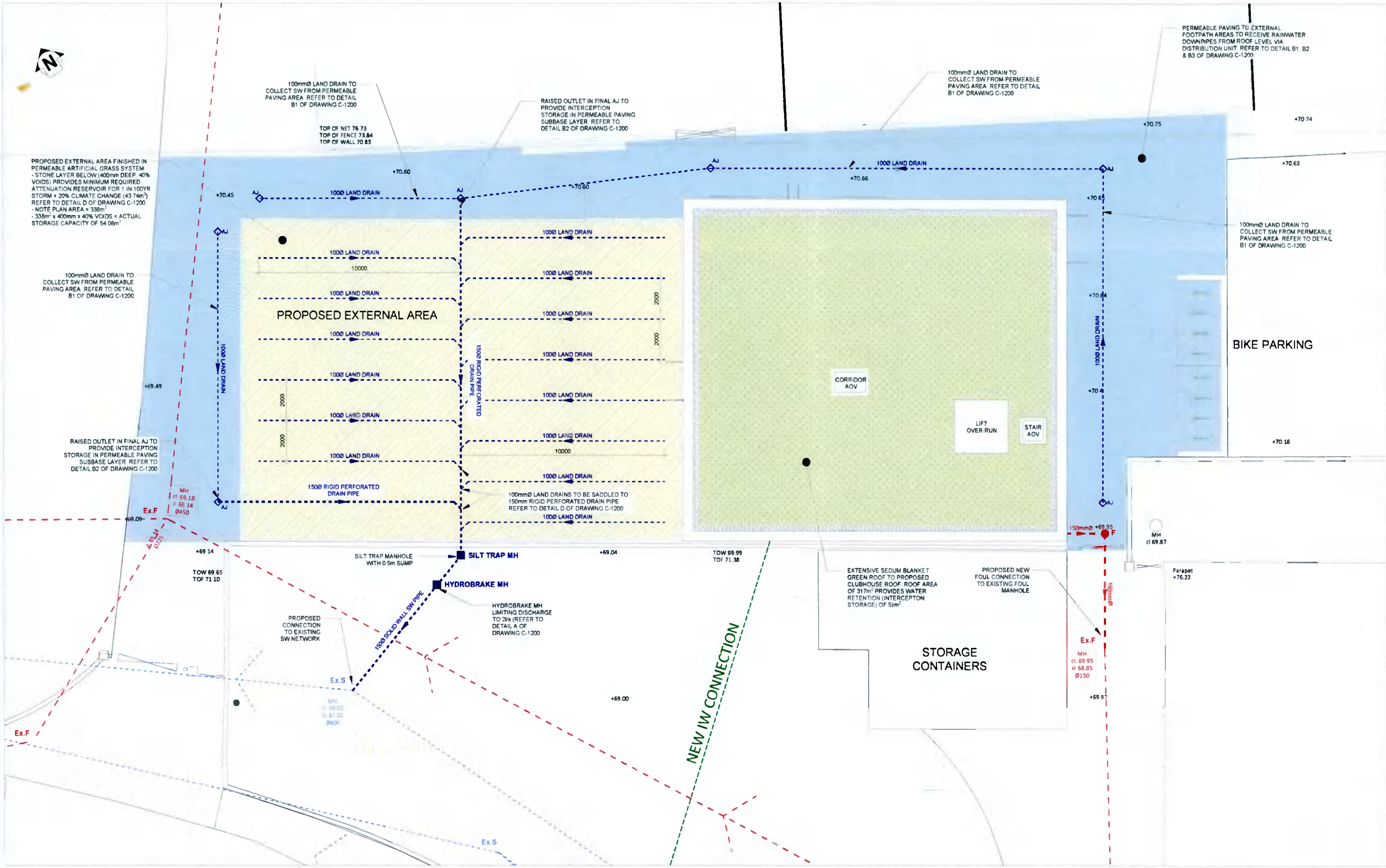

DRAINAGE & SuDS PLAN LAYOUT

SCALE @ A1 1:100
SCALE @ A3 1:200

NOTES

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2 CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

CIVIL LEGEND

EX. FOUL MANHOLE — Ex.F
EX. FOUL PIPE — PIPE DESCRIPTION
NEW FOUL MANHOLE — F
NEW FOUL PIPE — PIPE DESCRIPTION
EX. SURFACE WATER MANHOLE — Ex.S
EX. SURFACE WATER PIPE — PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE — S
NEW SURFACE WATER PIPE — PIPE DESCRIPTION
FOUL ACCESS JUNCTION — AJ
SURFACE ACCESS JUNCTION — AJ
Ex. WATERMAIN
WATERMAIN

SuDS LEGEND

PERMEABLE PAVING
(SYSTEM B, ALLOWING PARTIAL INFILTRATION ALONG WITH INTERCEPTION OF MIN. 5l/m²)
AREA = 385m²
RUN-OFF COEFFICIENT = 1.0

EXTENSIVE GREEN ROOF
(SEDUM BLANKET WITH 5l/m2 WATER RETENTION CAPACITY)
AREA = 317m²
RUN-OFF COEFFICIENT = 1.0

ARTIFICIAL GRASS OUTDOOR AREA WITH WATER ATTENUATION RESERVOIR WITHIN VOIDS SPACE OF STONE BUILDUP BELOW
AREA = 338m²
RUN-OFF COEFFICIENT = 1.0

NOTE TOTAL DRAINED AREA = 1040m²

NOTE MIN. REQUIRED ATTENUATION FOR 1 IN 100 YEAR STORM + 20% CLIMATE CHANGE = 43.74m³

NOTE ACTUAL STONE RESERVOIR WATER CAPACITY BELOW OUTDOOR ARTIFICIAL GRASS AREA = 54.08m³

ALL ATTENUATION CALCULATIONS CONSERVATIVELY ASSUME ZERO INFILTRATION TO GROUND

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH BMCE DRAINAGE STRATEGY REPORT & DETAILS DRAWING C-1200

ISSUE	DATE	DESCRIPTION	ORN. ORG.	CHD P.E.	APP'D P.D
PL1	20.10.21	ISSUED FOR PLANNING			

DRAWING STAGE: **PLANNING**

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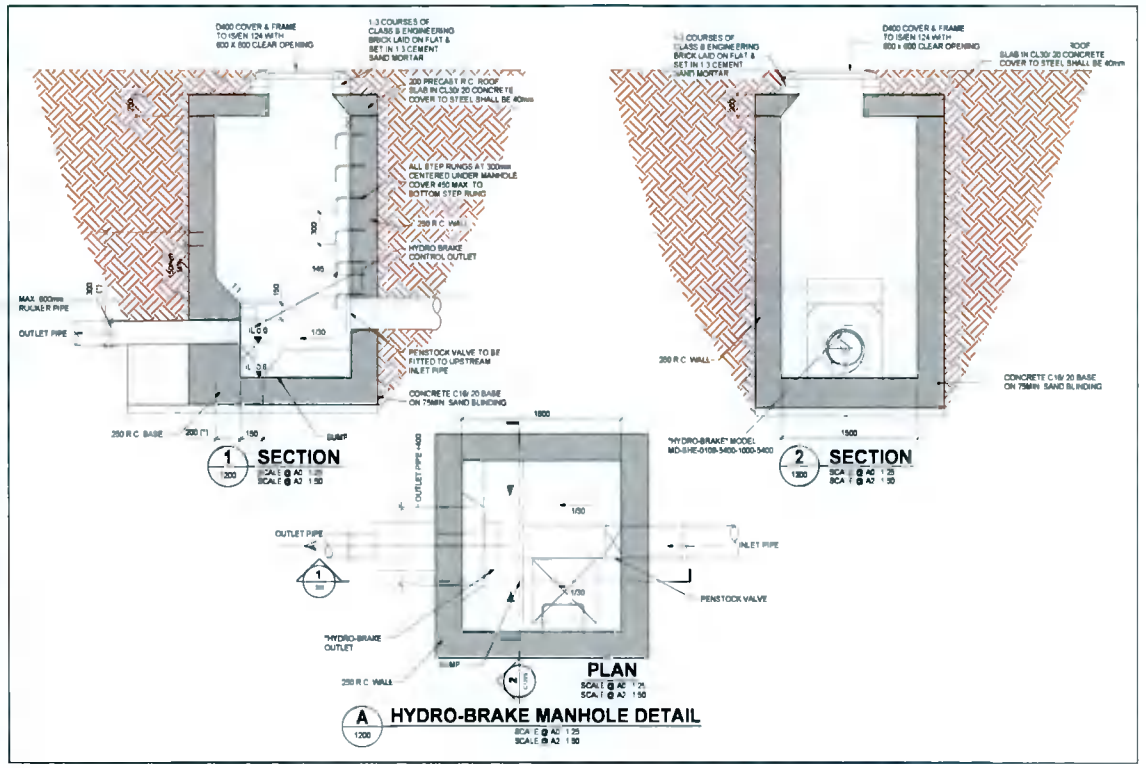
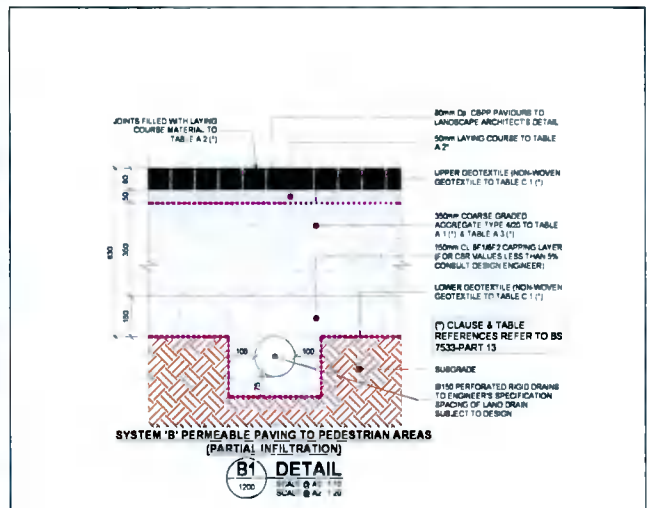
CLIENT: MR. JOHN MURPHY C/O KILNAMANAGH AFC

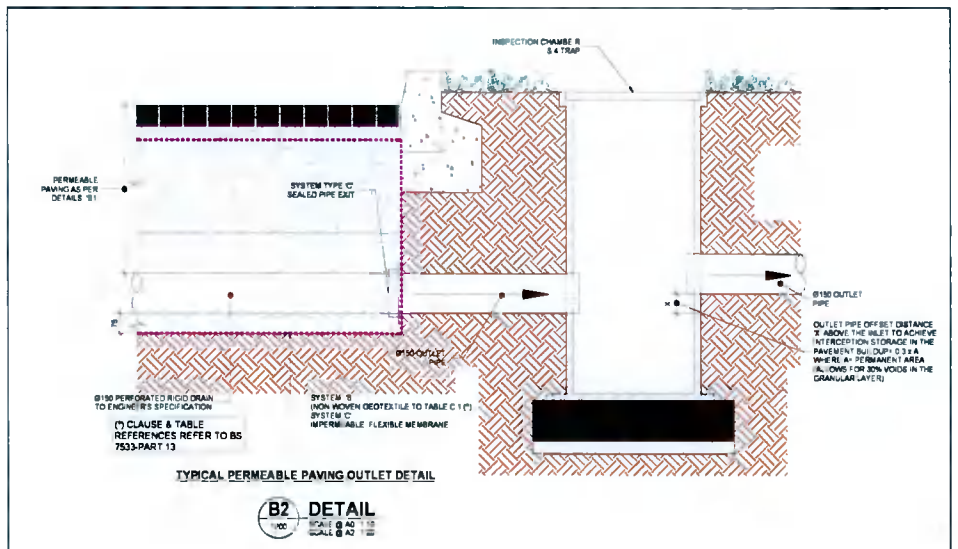
PROJECT TITLE: KILNAMANAGH AFC PROPOSED NEW CLUBHOUSE
BM PROJECT No: 21.309
MODEL REFERENCE | MODEL REV | SUITABILITY

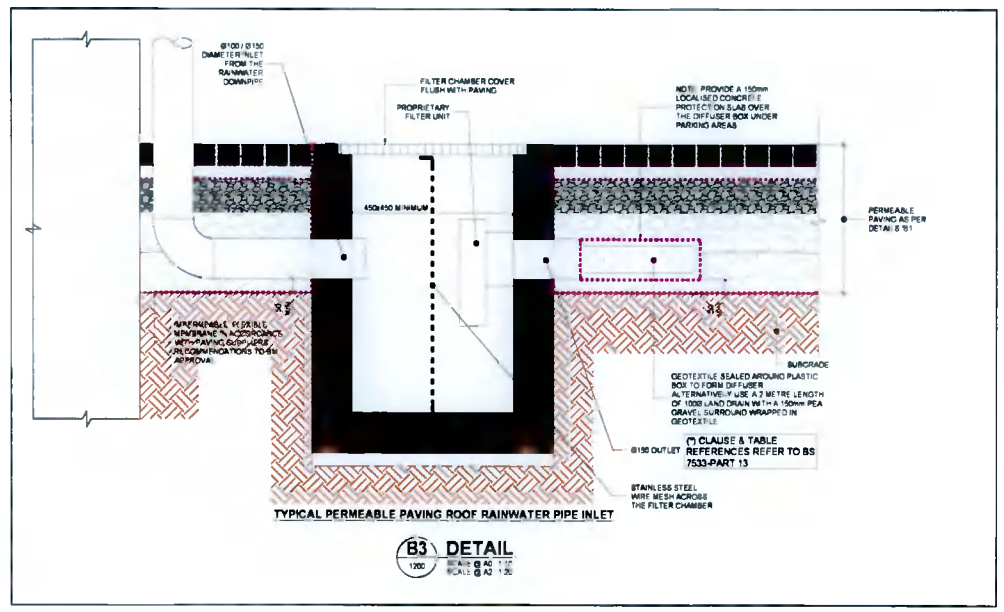
DRAWING TITLE: DRAINAGE & SuDS PLAN LAYOUT

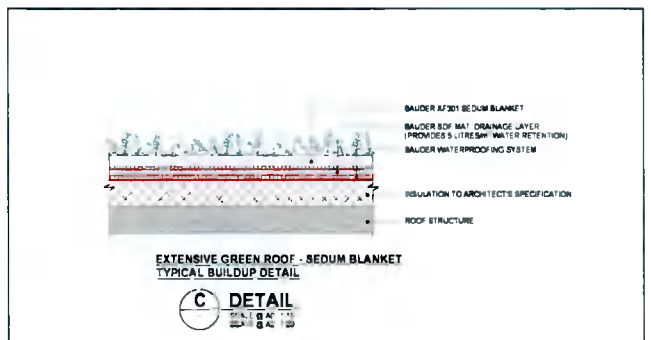
DRAWING No: C-1000
ISSUE: PL1

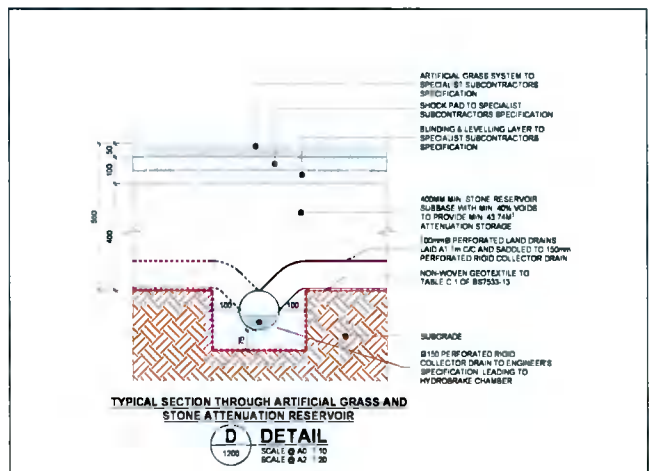












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P1	20.10.21	ISSUED FOR PLANNING		
ISSUE	DATE	DESCRIPTION	DRN	CHKD

DRAWING STAGE: **PLANNING**

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CLIENT: MR. JOHN MURPHY C/O KILNAMANAGH AFC

PROJECT TITLE: KILNAMANAGH AFC PROPOSED NEW CLUBHOUSE

BM PROJECT No: 21.309

MODEL REFERENCE | MODEL REV | SUITABILITY

DRAWING TITLE: TYPICAL SUDS DETAILS

DRAWING No: C-1200

ISSUE: PL1