

James F Stephen Architects is a trading name of JFS Architects LLP,
a Limited Liability Partnership, registered in Scotland No SO300956
whose registered office is at Milton Studio, Glamis, Angus DD8 1RG

Ordnance Survey information reproduced by permission of Ordnance
Survey on behalf of HMSO. Ordnance Survey © Crown Copyright 2015
All rights reserved. Licence number 100039143

Ordnance Survey information reproduced by permission of Ordnance Survey on behalf of HMSO. Ordnance Survey © Crown Copyright 2015
All rights reserved. Licence number 100039143

Do not scale dimensions from this drawing, all dimensions to be verified on site.

TO BE READ IN CONJUNCTION WITH STRUCTURAL ENGINEER'S
DRAWINGS & SPECIFICATION RELATED TO:
EXCAVATIONS;
FOUNDATIONS;
DRAINAGE LAYOUT INCLUDING SURFACE WATER DRAINAGE.

TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS
4032/GA/300-310

DRAINAGE:
THE BASE OF ALL DRAINAGE STACKS TO BE FITTED WITH LARGE RADIUS BENDS.

ALL DISCONNECTING MANHOLES AND INSPECTION CHAMBERS TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF BS EN 752: 2008

ALL UNDERGROUND DRAINAGE TO BE UPVC BY MARLEY
EXTRUSIONS LTD.

ALL DRAINAGE TAILS UNDER BUILDING / WITHIN BUILDING FOOTPRINT TO BE 110mm DIAMETER [OTHER THAN MAIN DRAINS AS SHOWN ON STRUCTURAL ENGINEER'S DRAWINGS] AND LAID TO MIN FALL OF 1:40 [NOMINAL].

ALL UNDERGROUND DRAINAGE TO BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS IN BS EN 12056-1: 2000, BS EN 752:2008 AND BS EN 1610: 1998 AND TESTED IN ACCORDANCE WITH THE GUIDANCE IN BS EN 1610: 1998.

THE DRAINAGE SYSTEM TO BE VENTILATED IN ACCORDANCE WITH THE GUIDANCE IN SECTIONS 4, 5, 6 AND NATIONAL ANNEX ND OF BS EN 12056-2: 2000.

AIR ADMITTANCE VALVES SHOULD BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS IN BS EN 12380: 2002.

ALL RAINWATER GUTTERS AND PIPEWORK TO BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH BS EN 12056-3: 2000 AND TESTED IN ACCORDANCE WITH THE GUIDANCE IN BS EN 1610: 1998. RWP'S TO BE TRAPPED.

ALL SANITARY DRAINAGE TO BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH BS EN 12056-2 : 2000 AS DESCRIBED IN CLAUSE 4.2 OF BS EN 12056-2: 2000 AND TESTED IN ACCORDANCE WITH THE GUIDANCE IN NATIONAL ANNEX NG OF BS EN 12056-2: 2000.

ALL SERVICE OPENINGS THROUGH MASONRY TO BE LINTOLLED AND
OPENING BUILT UP.

ALL DRAINAGE TO BE ABOVE FOUNDATION LEVEL WITH FOUNDATIONS DROPPED LOCALLY BELOW DRAINS WHERE REQUIRED. WHERE DRAINS RUN PARALLEL TO BUILDING, FOUNDATIONS TO BE DROPPED LOCALLY TO SUIT DEPTH OF ADJACENT DRAINS.

WHERE PIPES PENETRATE FLOORS, PIPES ARE TO BE FITTED WITH VISQUEEN PRE-FORMED TOP HAT UNITS AND SEALED USING VISQUEEN JOINTING TAPE AND JUBILEE CLIPS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

WHERE DRAINS PENETRATE RETAINING WALL TANKING, THE PIPES ARE TO BE FITTED WITH PROPRIETARY PUDDLE FLANGES SEALED TO THE TANKING SYSTEM.

MINIMUM CLEARANCE BETWEEN CROWN OF DRAIN BELOW INVERT OF DRAIN OVER TO BE 150mm.

PIPES TO BE FITTED WITH FLEXIBLE JOINTS WHERE DRAINS PASS THROUGH SUBSTRUCTURE WALLS.

DRAINS AT A DEPTH OF LESS THAN 600mm BELOW FINISHED GROUND LEVEL OR 900mm BELOW THE FINISHED SURFACE OF A ROAD TO BE SUITABLY PROTECTED WITH A REINFORCED CONCRETE BRIDGING SLAB.

D	05-02-20	Huts renamed and AAV/SVP locations updated	DP	DR
C	26-11-18	SWIP in lieu of AAV in hut 34	Is	DR
B	05-09-17	scale corrected to 1200	mv	DR
rev.	date	details	drwn	chkd

James F Stephen Architects
Incorporating Baxter, Clark & Paul (Dundee)
Architecture - Interior Design - Landscape Design

Milton Studio

www.jfsa.co.uk



Glamis Angus DD8 1RG	t. 01307 475000
5 Viewfield Pl. Stirling FK8 1NQ	t. 01786 446939

Job Title
Camp 21 Heritage Self Catering Accommodation
at Cultybraggan Camp, Comrie
Perthshire
for Comrie Development Trust

Drawing Title
Proposed Drainage Layout

Scale. 1:200 **Drwn.** DP

Original Size.	A1	Chkd.	DR
----------------	----	-------	----

© JFS Architects LLP Date. 3/23/2017

Drawing No.

4032-GA-120-D
