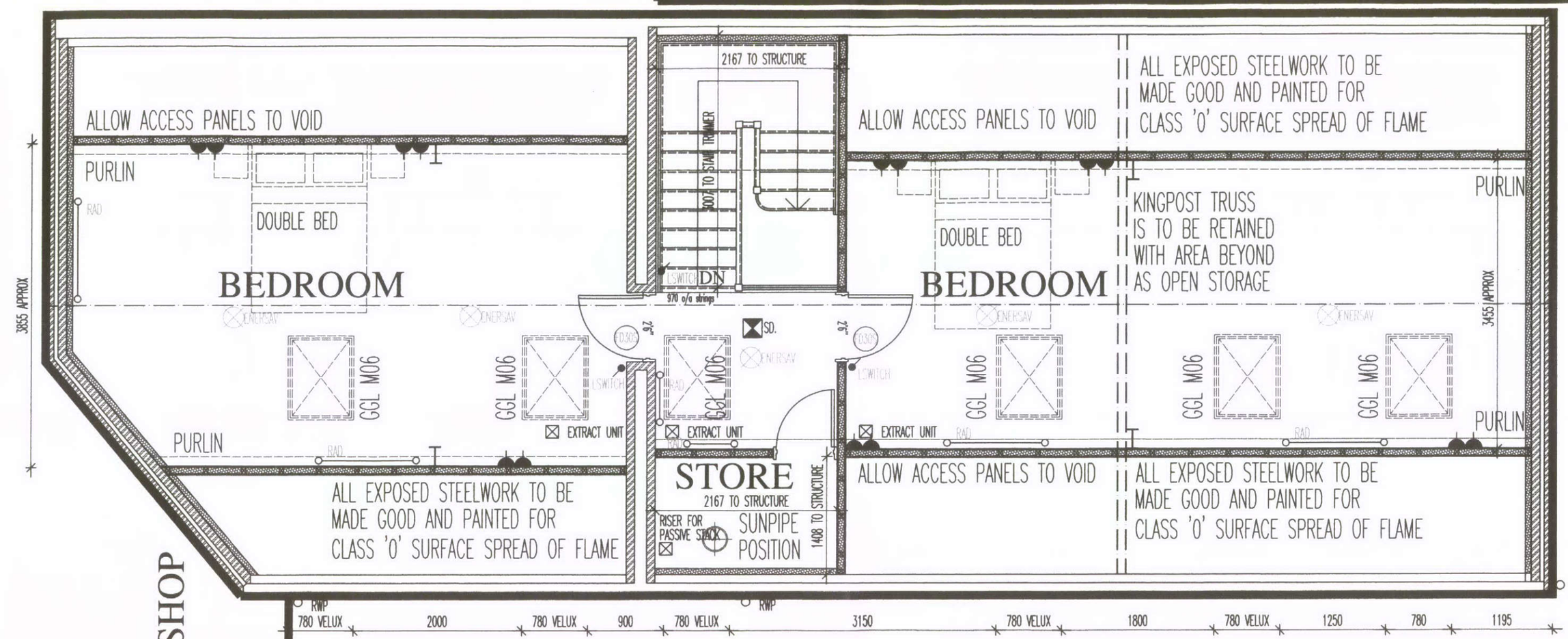
LADDER COTTAGE



THE EXISTING ROOF CONSTRUCTION HAS BEEN REPLACED QUITE RECENTLY AND CONSISTS OF 125x50 RATERS AT 450ctrs SAT ON 250x75 STRUCTURAL GRADE PURLINS, WHICH IN TURN TAKE SUPPORT FROM A SERIES OF STEEL COLUMNS AND KINGPOST TRUSS WHICH SPREAD THEIR LOAD ONTO THE STEELWORK THROUGHOUT THE BUILDING. THE STRUCTURE ITSELF IS IN GOOD CONDITION AND MORE THAN UPTO ITS APPLICATION FOR DOMESTIC PURPOSES AS IT HAS BEEN TAKING INDUSTRIAL/COMMERCIAL AS ITS RECENT USE.

AS THIS IS AN ATTIC BEDROOM SITUATION, THE ROOF STRUCTURE IS TO BE INSULATED IN COMPLIANCE WITH APPROVED DOCUMENT 'L' OF BUILDING REGULATIONS. 100mm CELOTEX INSULATION IS TO BE USED BETWEEN THE EXISTING RAFTERS WITH 40mm UNDERDRAWN BELOW – THIS STRUCTURE WILL ALLOW FOR A 'U' VALUE OF 0.18 IN COMPLIANCE. FULL CROSS FLOW VENTILATION IS ALSO TO BE ALLOWED FOR WITH A FULLY VENTED SOFFIT UNIT TO THE EXISTING AND A VENTED RIDGE – IF A FULLY VENTED RIDGE IS NOT PRACTICAL THEN A SERIES OF HIGH LEVEL FLUSH TILE VENTS ARE TO BE FITTED NEAR RIDGE LEVEL.

18 JAN 2011

ATTIC FLOOR AS PROPOSED

1:50

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PROPOSED 04

DALESIDE, BUXTON