

existina cavity. NOTE 6: GROUND FLOOR CONSTRUCTION AND DAMP PROOF COURSE GROUND FLOOK CONSINCTION AND DAMP PROOF COURSE.

Provide Time thick sand/coment screed on 100mm concrete slob on 50mm polystyenes also on PEA 2000 gauge DPM on 25mm vell compacted blinding on 300mm well consolidated hardcore in layers not exceeding 150mm.

Provide a min 100mm wide herizontal DPC to outer skin of external covity well with extra wide DPC to laner skin lapped with 100m DPM. DPC to be min. of 150mm dove finished ground level.

NOTE 7: VERTICAL DPC Provide a 150mm wide Vertical DPC at all iambs, (inc. where sun lounge window/door abutts existing wall), lapped with all DPC, provide 35mm min. polystyrene insulation to jambs and window provide Somm min. polystyrene insulation to james and window clills to prevent cold bridging, achieving 'U' Value 0.7W/m K. NB Provide 25mm polystyrene insulation b'ween MS post and inner leaf where post is inside cavity to prevent cold bridging.

NOTE 8: ROOF CONSTRUCTION

Tile or Slate to match existing, on 25x50mm TrSw battens on roofing felt on 38x150mm C16 rafters @ 400c/c, 38x122mm C16 C/joists, 38x100mm C16 hangers @ 400c/c, 38x100mm C16 Binder, 50x250mm C16 Hip Rafters and 25x175mm C16 Ridge Board.

NOTE 9: EAVES AND ROOF VENTILATION

Install Manthope G1200N over fascia ventilators and G400 rafter ventilators (or equal) to provide eaves ventilation to the roof space equivalent to 10000mm/metre in accordance with Building Regulations approved Document F2 1995 and/or BS 5250 1989

NOTE 10: WINDOWS

All windows to be built into openings using MS Galv. Straps or as specified by supplier. Windows shall have an opening sash equal in total to 1/20 of the floor area in the room to which it serve. All windows of habitable rooms shall be fitted with trickle ventilation of 8000mm; min., and 4000mm; min, for all other

All windows less than 800mm ht. above FFL shall be glazed w/toughed safety glass. All glazed screens and doors less than 1500mm ht. above FFL shall be shall be glazed w/toughed safety glass. In accordance w/Technical Booklet V of the Building Control

NOTE 11: TIMBER

All structural timber to be C24 grade to BS 5268 Part 2 : 1991 unless otherwise indicated and to be "Dry" of "KD" (Kilin dried) and so marked on site

NOTE 12: WALLPLATE

Provide 50x100mm TrSw wallplate to t/s of wall using 30x5x450 Galv. MS. straps fixed down wall at 1200mm max. c/c and

NOTE 13: LATERAL RESTRAINT STRAPS

Lateral restraint shall be provided at floor/ceiling joists and rafter level in the form of 30x5x1200mm Galv. MS. straps fixed down at 1200mm max. c/c and doubled up over window/door

NOTE 14: EXTERNAL RENDER or BRICK

External resource or broad First Coat - 12mm sand and cement render as straightening coat, scratched to receive float coat Second Coat - To match existing dwelling.



TYPICAL CONSTRUCTIONAL 3D EXPLODED DETAIL

Building to be wired to comply with 16th edition of IEE

busing to be weet of comply wan location of its:

Regulations. Will mounted society outlets and switches (other than isolators) in entrance storey, shall be located not more than 1200mm or not less than 450mm dove the floor level, including the cord of a pull switch which shall terminate not more than 1200mm above the floor level in compliance with Technical Booklet R. Dec. 2000 of the Building Regulations.

Roof Anchorage - First rafter and collar tie to be bolted to main

well at 450mm c/c using Rawl botts or similar proprietary fixing.

MS support posts and factory fitted baseplate to be botted down on top of solid factings built up to 300mm below FFL.

NOTE 15: ELECTRICAL

NOTE 16: STRUCTURAL RIGIDITY

GROUND FLOOR PLAN

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TYPICAL SECTION

All drainage pipework to be uPVC 100mm dia., to BS 4660 packed An arange peews to be urvi. Outmin ad., to a see posses in grouler fill loid to a min fall of 1:40 (foul and storm). All drainage pipework passing 1000mm from structure to be encased in concrete. Provide 150mm deep RC lintols over pipework passing through walls and 50mm feedell pooking to pipe. All manholes shall be 600x600mm min. internal dimensions built off a 150mm precast concrete slab in 215mm b/work and provided with a medium duty cover and frame fixed in accordance with BS 467.

INSULATION OF PIPEWORK AND DUCTS

Provision shall be made for the insulation of pipes and ducts using 40mm this. insulation material for pipes and 50mm thick 'armaflex' for ductwork in accordance with BS-5425 1977. [Heating circulation pipes to BS 5422 : 1990.]

NOTE 22: SMOKE DETECTORS

also used in connection w/any other circuit
Where more than one smoke alarm is provided each shall be connected to the other so that all give an audible alarm if any

one detects smoke.

There must be at least one smoke alarm on each storey, not nere must be at least one smoke darm on each storey, not more than 3000mm from every befrom door and not more than 7000mm from every door to a living room or kitchen. They should be located as described in para.121 of Technical Booklet E *TYPICAL STRUCTURAL 3D EXPLODED CRADLE DETAIL Not to scale

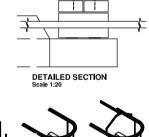
175X38mm layboards to be laid and secured

on T/S rafters to dwelling at valleys to form seating for infill rafters of Sun-lounge

TYPICAL SIDE ELEVATION

Scale 1:100

Ontional Ceiling Ties -[See Note 16]



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CL/SFB (31.9) HH2

April 2003

Hatched areas within windows and doors indicate safety glass to BS 6206 1981 : clause 5.3

KEYSTONE INVERTED SUPPORT FRAME

On large Sun-lounges and in exposed locations the Keystone Inverted Support Frame is supplied as specified by the Keystone Technical Department.



The Information contained in this drawing was accurate at the date of publication. Keystone Lintels Limited, however, reserve the right, while matalning the essential performance of the lintels described, to introduce at any time modifications and changes of details as maybe deemed necessary to improve the limite described.



TYPICAL FRONT ELEVATION

SUN-LOUNGE LINTEL SPECIFICATION

Keystone Bow factory fabricated Sun-lounge lintel - c/w factory fitted ocation spigots for easy installation - on MS posts designed by Keystone Technical Department c/w 10mm thick Base Plates decured to solid

technical bepartment c/w Turmin mick bese Prates decured to solid footing 300mm below finished floor level.

*Where a Cothedral or Vaultad calling is required the Keystone Ridgebeam Cradle must be used to support the roof structure and resist roof spread. Refer to Typical Construction Data, Dieg. No. SL-598-005-V

Scale 1:100

All rainwater gullies not connected directly to a manhole or are in excess of 2000mm in length shall have a rodable gully.

top or soon recording outlit up to 3.00mm bear Pri.
Wacking resistance provided using 9mm plywood secured to U/S of
ceiling joists prior to any decorative finishes.
Where a Cathedra/Vauletde ceiling is required the Keystone Ridgebear
Cradle must be used to support the roof structure & resist roof
spread. Ref: Tipical Construction Data, Days Mo. S.58#-005-V

Seture. De: LECTURES
Set contained smoke alarms shall be provided in the positions indicated on plan.
Smoke alarms shall be capable of detecting smoke and giving an audible alarm and shall comply with BS 5446 pt. 1 (2000) and installed to BS 5446 pt. 1 (2000)
Smoke domm and she permanently wired:

1. Separately fused of the distribution board

2. To which no other equipment is connected

3. Where ROD is used in not connected to a ROD which is

3. Valley/hips to be code no. 5 to BS 1178
NB. Provide DPC tray in existing covity at abutment of roof over
Sun Lounge Extension, positioned immediately above level of flashing.

NOTE 18: RAINWATER GOODS To match existing dwelling.

NOTE 19: CEILINGS - Plaster/Timber

NOTE 17: LEAD - All lead to be treated w/Patination Oil

Flashing to be code no. 5 to BS 1178
 Soakers to be code no. 4 to BS 1178

Plaster Type A - 9mm Plasterboard, bond and skim ceiling. Timber Type B = T.G.&Y. Sheeting pointed/varished with Class 1'
Surface Spread of Flame, on 384.25mm Tr.Sw. battens @ 400 c/c.
Provide 500 gauge vapour barrier to each ceiling to be positioned
on the warm side of 150mm Rockwool insulation as applicable.

TYPICAL SIDE ELEVATION

Scale 1:100

FOUNDATION & FOOTING + SUPPORT POSTS + KEYSTONE LINTEL + RIDGE BEAM CRADLE SCALE: