

NOTE 7: VERTICAL DPC Provide a 150mm wide Vertical DPC at all jambs, (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 jumbs 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 Manthape 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 8000mm2 min., and 4000mm2 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 OF RRICK External resource or broad First Coat - 12mm said and cement render as straightening coat, scratched to receive float coat Second Coat - To match existing dwelling.

TYPICAL CONSTRUCTIONAL 3D EXPLODED DETAIL Not to scale

NOTE 16: STRUCTURAL RIGIDITY

NOTE 15: ELECTRICAL

GROUND FLOOR PLAN

TYPICAL SECTION

All drainage pipework to be uPVC 100mm dia., to BS 4660 packed All arange peleviar to be urvi. Unimm aid. to a soou packer in granular fill laid to a min fall of 1:40 (foul and storm). All drainage piperark passing 1000mm from structure to be encased in concrete. Provide 150mm deep RC lintals over piperark passing through walls and 50mm feedell packing 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. All rainwater gullies not connected directly to a manhole or are in excess of 2000mm in length shall have a rodable gully.

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.]

Seture. Delections Set contained smoke alarms shall be provided in the positions indicated on plan. Smoke alarms shall be capable of detecting smoke and giving on audible alarm and shall comply with BS 5446 pt. 1 (2000) and

installed to BS 5446 pt. 1 (2000)
Smoke dorms shall be permonently wired:

1. Separately fused of the distribution board

2. To which no other equipment is connected

3. Where RCD is used is not connected to a RCD which is 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

connected to the other so that all give an audible diarm if ar one detects smoke. There must be at least one smoke alarm on each storey, not nere must be at least one amous darm on each storey, not more than 3000mm from every before 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

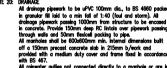
DETAILED SECTION Hatched areas within windows and doors indicate safety glass to BS 6206 1981 : clause 5.3

KEYSTONE INVERTED SUPPORT FRAME

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







NOTE 22: SMOKE DETECTORS

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

Scale 1:100

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

Plaster Type A - 9mm Plasterboard, bond and skirn ceiling.

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

busing to be weet or comply than to action or its.

Regulations. Will mounted socket 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 dove the floor level in compliance with Technical Booklet R. Dec. 2000 of the Building Regulations.

Sind-United resources.

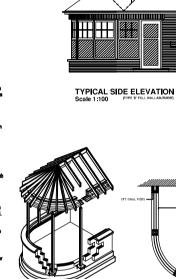
Roof Incherage - First rafter and collar tie to be balted to main wall at 450mm c/c using Roul balts or similar proprietary fixing. MS support posts and factory fitted baseplate to be balted down on top of solid footings built up to 300mm below FFL.

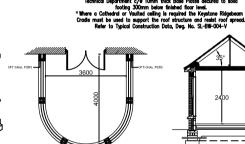
top or some roomings built up to Sourism below FTL.

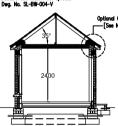
Whereking resistance provided using 9mm plywood secured to U/S of ceiling joists prior to any decorative finishes.

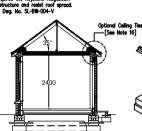
Where a Cathedral/Vaulted ceiling is required the Keystone Ridgebeam

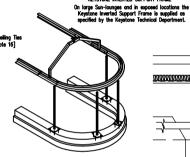
Cradle must be used to support the roof structure & resist roof spread. Ref: Typical Construction Data, Dwg. No. SL-BW-004-V









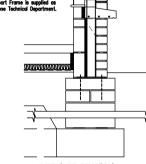


175X38mm layboards to be laid and secured

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

TYPICAL SIDE ELEVATION

Scale 1:100



CL/SFB (31.9) HH2

April 2003







NOTE 18: RAINWATER GOODS To match existing dwelling

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

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

NOTE 19: CEILINGS - Plaster/Timber

Timber Type B - T.G.&V. Sheeting pointed/varished with Class "I'
Surface Spread of Flame, on 38x25mm 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.

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