All dimensions to be checked - not scaled

MAIN ROOF CONSTRUCTION –
NATURAL SLATE ON 50×25mm nom BATTENS AND DLY AND LAID IN ACCORDANCE WITH BS5534: PART 1: 1978 (CODE OF PRACTICE FOR SLATING AND TILING)
BATTENS FIXED TO 50×50mm nom COUNTERBATTENS AT 600mm CRS.
COUNTER BATTENS SCREWED TO 80mm ECOSPAN ROOF PANELS
VYVEK HD EQPT BREATHER MEMBRANE LAID ON ROOF PANELS.

2mm GALVANISED STEEL LEDGER FIXED TO UC TO SUPPORT ROOF PANELS

13mm WBP PLYWOOD FILLING FILLER

50mm THICK SPLAYED nom BATTEN

ALUMASC 100×75mm MOULDED No.46 GUTTER
POLYESTER POWDER COATED FINISH COLOUR BLACK BS4800 00 E 53

175×25mm nom FASCIA BOARD

1·6mm GALVANISED STEEL EAVES TRIM

18mm WBP PLYWOOD SOFFIT BOARD FIXED TO 25mm WIDE nom BATTENS

ANCON SLIDING ANCHOR FIXING AT MAX 1000mm CRS FIXED TO UC.
FOR DETAILS OF 300mm LONG ANCHORS SEE ANCON- CLARK DWGS. 26643/014, 024 AND 03.
ANCHORS TO BE DRY CUT TO ENSURE THAT ONE ALIGNS WITH CENTRE OF EACH EAVES CORBEL

FOR BLOCKWORK HEAD RESTRAINT DETAILS SEE 'SECTION THROUGH DORMER WINDOW ON GRIDLINE 1'

(4-4)

1850mm LONG DORMAN LONG UNILINTEL

FOR PRECAST LINTEL DETAIL SEE DWG. 1504/50/31

HEAD OF WINDOW OPENING 13·400m

(3-3)

VERTICAL SLIDING SASH SINGLE GLAZED WINDOW TO FIT AN OPENING 1070mm HIGH × 1022mm WIDE BY BENNETT WINDOWS LTD. FROM THE 'CHANDORIAN' RANGE WITH OPOLO GLAZING BEADS AND PROJECTING SILL (PROJECTION 63mm)

PRECAST STONE SILL FOR DETAILS SEE DRAWING 1504/50/31

RUBEROID HYLOAD DPC TO LAP BEHIND VERTICAL DPC IN JAMBS

CAVITY WALL CONSTRUCTION –
103mm BRICKWORK
50mm CAVITY FULLY FILLED WITH ROCKWOOL CAVITY WALL BATTS
215mm GIBLOK HI-SEVEN BLOCKS OR SIMILAR BLOCK HAVING 7N/mm² MIN. COMPRESSIVE STRENGTH AND 0·19W/m°K MAX. THERMAL CONDUCTIVITY.
CAVITY TIES TO BE ANCON CLARK REF AC-CQ, STAINLESS STEEL TIES 190mm LONG LAID AT 900mm CRS. HORIZONTALLY AND 450mm CRS VERTICALLY (225mm CRS. AROUND OPENINGS)

FOUR COURSE HIGH SOLDIER PROJECTION 25mm

RUBEROID HYLOAD DPC CAVITY TRAY ABOVE SHOP FRONT OPENING, EXTENDING MIN. 150mm BEYOND M.
WEEPHOLES IN BRICKWORK TO BE PROVIDED AT EVERY THIRD PERPEND

FOR DETAILS OF RECESS, BATH, STONE PIER SEE DWG. 1504/50/32

HEAD OF OPENING 10·400m

FIRST FLOOR CONSTRUCTION –
130mm CONCRETE SLAB ON 1mm GAUGE SUPER HOLORIB STEEL DECK. FOR DETAILS SEE STRUCTURAL ENGINEERS DRAWINGS.
HALFEN POURASTOP FIXED TO TOP OF UB AND STEEL DECK ON CAVITY FACE OF SLAB ON GRIDLINE 1. (HALFEN 38/17 WFS POURASTOP)

BRICKWORK SUPPORTED BY HALFEN BRACKET ASSEMBLY - 145×120×8mm ANGLE FIXED AT 500mm CRS WITH M12 BOLTS AND 80×40mm OVERSIZED PUNCHED
356×171×51 UB ENCASED IN CONCRETE TO PROVIDE MIN. 50mm COVER

RUBEROID HYLOAD DPC BURIED MIN 300MM OF PIER JAMBS

(2-2)

LEVEL OF UPPER EDGE OF 490mm HIGH RUBEROID HYLOAD VERTICAL DPC AGAINST CAVITY FACE OF BLOCKWORK BURIED AS DETAIL '51' ON DRAWING 1504/20/014

LEVEL OF RUBEROID HYLOAD DPC IN PIER

EXTEND EXISTING PAVED SURFACE IN MARKET PLACE TO NEW SHOP FRONT USING MATCHING BRICK PAVIORS LAID ON 50mm COMPACTED SAND AND APPROPRIATE MOT-BASE LAID TO MIN 1:40 FALL.

25mm SERVICISED KORKMIK TO PROTECT TOP EDGE OF INSULATION BOARD

50mm LINPAC POLYFOAM PLUS FLOORBOARD 220 EXTRUDED POLYSTYRENE BOARD TO FACE OF R.C. SLAB 40E.

(1-1)

Section b-b

38×38mm nom FRAMING FIXED TO UNDERSIDE OF ECOSPAN ROOF PANEL AND 12·5mm GAP BETWEEN PLASTERBOARD AND ADJACENT MINERAL FIBRE FILLED WITH WHITE POLYSULPHIDE SEALANT

LEAD CLADDING TURNED BEHIND WINDOW FRAME.

511

6 DORMER

100×50mm nom POST & 87×50mm nom POST

125×25 S.D. CLOAK (FIXED IN SAME PLANE AS SHIPLAP BOARDING)

406×178×54 UNIVERSAL BEAM PROTECTED BY 18mm MANDOLITE. GP2 TO PROVIDE ONE HOUR FIRE RESISTANCE

BEAM SOFFIT LEVEL 14·050m

18mm THICK VIGUCLAD CAPPING TO PIERS.

Section a-a

GAVNY TRAYS LTD. TYPE V EAVES VENTILATOR WITH INSECT GRILL ON LOWER EDGE

38°

100×25mm nom FASCIA FIXED TO RAFTERS

75

MAIN ROOF CONSTRUCTION IN THIS ZONE UP TO LEVEL OF UC GUTTER IS SIMILAR TO DORMER ROOF EXCEPT RAFTERS ARE 119×38mm nom WITH 12·5mm GYPROC DUPLEX TAPERED EDGE PLASTERBOARD LINING.

Dormer Roof Verge Detail

VERGE SLATES BED IN MORTAR AND SECURED WITH STAINLESS STEEL VERGE CLIPS.

UNDER SLOAK SLATE NAILED TO TOP OF RAFTER. BREATHER MEMBRANE TAKEN UNDER SLATE.

38

2 OFF 150×25 SHIPLAP BOARDING (AS BELOW)

Section through Dormer Windows on Gridline 1

FOR DORMER VALLEY GUTTER DETAIL SEE DRAWING 1504/20/014

SANDTOFT CLAY RIDGE TILE REF AC (105° ANGLE) BEDDED IN MORTAR WITH TILE SLIP AT BUTT JOINTS

DORMER ROOF CONSTRUCTION –
NATURAL SLATE ON 38×25mm nom BATTENS SET OUT AND LAID IN ACCORDANCE WITH BS 5534 : PART 1 : 1978 (CODE OF PRACTICE FOR SLATING AND TILING)
BATTENS ON VYVEK HD PLUS BREATHER MEMBRANE LAID ON 75×38mm nom RAFTERS AT 450mm CRS.

LEAD CODE 5 APRON FLASHING WITH WELTED EDGE BELOW DORMER RIDGE TILES TO EXTEND MIN. 150mm UP MAIN ROOF SLOPE

MIN. 150mm

30°

SANDTOFT CLAY SKEW END BEDDED IN MORTAR

GABLE (ANGLE 105°)

SANDTOFT CLAY RIDGE TILE REF AC (105° ANGLE) BEDDED IN MORTAR

125×38mm nom RIDGE BOARD FIXED TO UC TRIMMER AND nom STUD.

100×25mm nom BARGE BOARD

50×50mm nom STUD UNDER RIDGE BOARD

EX 150×25 S.W. PAINTED SHIPLAP T & G BOARDING

38×38mm nom NOGGIN

2no. 75×38mm nom RAFTERS

100mm MINERAL WOOL INSULATION

12·5mm GYPROC DUPLEX TAPERED EDGE PLASTERBOARD FINISHED AS NOTE BELOW. SOFFIT LEVEL WITH SOFFIT OF ECOSPAN ROOF PANELS.

UC TRIMMER TO SUPPORT DORMER AND LOWER EDGE OF ROOF PANEL.

75×38mm nom NOGGIN

75×50mm & 75×38mm nom BEARERS

75×38mm nom JOISTS AT 450mm CRS.

87×50mm nom STUDS AT 450mm CRS.

18mm WBP PLYWOOD SHEATHING FIXED TO 87×50mm nom STUDS AT 450mm CRS. STUDS.

MINERAL WOOL BETWEEN STUDS

12·5mm GYPROC DUPLEX TAPERED EDGE PLASTERBOARD FINISHED AS NOTE BELOW

FIXED LIGHT SINGLE GLAZED SU FRAME WINDOW FOR DETAILS SEE DRAWING 1504/

152×152×23 UC

87×38mm nom PLATE

2 No 150×50mm nom TRIMMERS SPANNING BETWEEN UC TRIMMERS

LEAD CODE 4 TRAY (25mm UPSTAND) FOR DRIP. LEAD CODE 4 COVER FLASHING TO EXTEND MIN. 150mm ACROSS ALMES.

VYVEK HD SOFT BREATHER MEMBRANE ON 15mm WBP PLYWOOD

75×50mm nom FRAME AT 600mm CRS. FIXED TO UC AND nom PLATE

15mm WBP PLYWOOD. TOP SURFACE TO BE LEVEL WITH ADJACENT ROOF PANELS

38×38mm nom FRAMING FIXED TO SOFFIT OF UC ABOVE ONLY. 10mm GAP BETWEEN FRAMING AND SURFACE OF PROTECTIVE COATING OF UB BELOW FILLED WITH WHITE POLYSULPHIDE SEALANT.

ANCON SLIDING ANCHOR FIXING FOR DETAILS SEE '4-4' ABOVE.

10mm AERVICISED AEROFIL JOINT FILLER

FULL HEIGHT BLOCK COURSE BELOW BEAM

ANCON DHR-C 225mm LONG STAINLESS STEEL HEAD RESTRAINT CHANNEL SURFACE FIXED TO UB BEFORE APPLICATION OF FIRE PROTECTION

QX BLOCK COURSE

100mm BLOCK COLUMN CASING. CAVITY BETWEEN STEEL COLUMN AND BLOCKWORK PACKED WITH MINERAL WOOL, ABOVE FIRST FLOOR SLAB AS BLOCKS ARE LAID.

ALUMASC 75mm DIONPIPE FINISH AS GUTTER

SERVICISED BITUMENE SOOX DPM ON EXTERNAL FACE OF UPSTAND WITH TEMPORARY PROTECTION BOARD

FOUR COURSE BRICK UPSTAND, STANDING ON RUBEROID HYLOAD DPC EXTENDING 100mm EITHER SIDE OF BRICK, AND LAPPED WITH SERVICISED BITUMENE SOOX DPM ON BOTH SIDES.

SCREED & FINISHES ZONE

SSL 6·790m

GROUND FLOOR CONSTRUCTION –
AERVICISED BITUMENE SOOX OVERSLAB DPM. FULL PROTECTION OF DPM IS REQUIRED UNLESS SCREED IS TO BE LAID IMMEDIATELY AFTER DPM INSTALLATION. DPM TO LAP A MIN. 25mm WITH RUBEROID HYLOAD DPC UNDER WALLS.
275mm R.C. SLAB TO STRUCTURAL ENGINEERS DETAIL THICKENED AT THE PERIMETER
50mm LINPAC POLYFOAM PLUS FLOORBOARD 220 EXTRUDED POLYSTYRENE BOARD EXTENDS 1800mm UNDER SLAB FROM PERIMETER
25mm FIN. THICKNESS OF SAND BLINDING ON 150mm WELL COMPACTED HARD CORE.

400mm DIA. PILE

E 71 103 50 129 277

1100 190 100 490 40

15·160m

3688·3

RIDGE

Pier Gridlines 1/D

16mm GALVANISED STEEL COVER FLASHING

MINERAL WOOL PACKING

0·7mm GALVANISED STEEL INTERNAL COVER FLASHING

172mm MEESEC ZED to PURLIN

76×3·2mm CHS RIDGE MEMBER

10mm AERVICISED FIBREPAK IN JOINT POINTED WITH QUELFIRE INTUMESCENT MASTIC BOTH SIDES

200mm LONG ANCON STAINLESS STEEL 'RE' REF SPD WITH 100mm LONG DEBONDAGE SLEEVE AT 900mm VERTICAL CENTRES

MINERAL WOOL

RUBEROID HYLOAD VERTICAL DPC

ANCON 24/18 GALVANISED FIXED TO 254×254×73 UC. ANCON WASHER MEEL 4165 REF. SDS (4mm) STEEL (BLACK) 225mm LONG (FRONT); 200mm LONG REAR AT 450mm VERTICAL CRS.

REFER TO 1504/50/32 FOR REVISED PIER DETAILS

Pier Gridlines 1/D

10mm AERVICISED FIBREPAK IN JOINT POINTED WITH QUELFIRE INTUMESCENT MASTIC BOTH SIDES

ANCON SEE AS SPECIFIED FOR PIER T/D ABOVE

REFER TO 1504/50/32 FOR REVISED PIER DETAILS

DETERMINED PLAN

Pier Gridlines 1/Ea

DETAILS FOR PIER ON GRIDLINES 1/C ARE SIMILAR

Section c-c

NOTE

THE ROOF STRUCTURE IS A CONTRACTOR DESIGN ELEMENT AND THEREFORE THE INFORMATION AND DETAILS SHOWN ON THIS DRAWING MAY BE SUBJECT TO REVISION.

REV. B 15.1.1997
WINDOW HEAD DETAIL REMOVED.
OTHER AMENDMENTS CLOUDED.

REV C 13.2.97 -
RENDERED WALL REVISED TO RECONSTITUTED STONE.
LINE OF VERTICAL DPC IN PIER JAMB REVISED.
CORBEL SETTING OUT AMENDED.
REV D 17.6.97 :- SHIPLAP BOARDING IN LIEU OF PLYWOOD TO DORMER SOFFIT AND ECOSPAN FACE ADDED TO EXTERNAL JAMBS.

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Client: Fen Properties

Project: 17-18 Market Place Spalding

Description: Section F-F

Date: Aug 1996 Scale: 1:10

Drawing No. 1504/20/015 D Drawn Checked

EAVES SOFFIT LEVEL

ELEVATION

SECTION

LOCATION OF CORBELS ON ELEVATION

328 328 328 328 328 328 328 328 328 328 328 328 328 328 328

1268 1268 1268 1268 1133 1133 1268 1268 1268 1268

NOTE: OF BRICK TO HAVE NO FROGS OR PERFORATIONS
134mm LONG GUY HEADER
COW NOSE NOSE (51mm RADIUS)
COW NOSE (51mm RADIUS)

31 51 31

Eaves Corbel Detail on Gridline 1