Supporting Documentation
Tilstone Fearnall St Jude – Various repair works

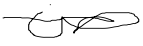
Note to parish

This bundle includes all the supporting documentation to your faculty application as required under Rule 5.5 of the Faculty Jurisdiction (Amendment) Rules 2022.

List of documentation

Caroline Hilton, DAC Secretary

_____



23 January 2023

We petition the Court for a faculty to authorise the following-

Please describe the works or other proposals for which a faculty is sought in the way recommended by the Diocesan Advisory Committee in its Notification of Advice.

SCHEDULE OF WORKS OR PROPOSALS

St Jude's has lacked any maintenance for a considerable time, our proposal pending suitable and sufficient funding is to
overhaul the roof
replace the gutters as described by Mr. Holland
renew the dowels in both pinnacles
Make the bell serviceable (in line with Cannon Law)
once the church has dried out internally it will require
repair and replace plaster as required
re decorate and deep clean
All this under the direction of Mr. G. Holland the church architect

Copies of the Standard Information Form and any drawings, plans, specifications, photographs or other documents showing the proposals must be provided with this petition.

Jude's parish church Tillstone Fearnall St

Statements of need and significance for the proposed renovation and remedial works.

1statement of need

2staement of significance

3Impact assesment

4Link to google maps

5 pictures of water damage to inside the church (only examples there is much more)

6 notes

Needs

1/ what is needed, new guttering, inspection and assesment of the roof timbers, repairs and renewals to the spires and pointing of the bell housing.Once this work has been done there may be a need to repair and redecorate the plaster (lime plaster)inside the church

2/proposal, to remove the old cast iron guttering and replace with stainless steel. Point the bell housing stonework repair and replace the pinnacles as required and with stainless steel dowels.

3/ why, the current and original guttering is cast iron enclosed in a stone troughing bedded in a mortar mix, the joints and guttering has corroded and leaks, replacing with stainless as per Mr Holland's recommendations will be a long term fix as stainless will not corrode. One pinnacle has already broken which would suggest the other needs attention again the old corroded iron dowels should be replaced with stainless steel to prevent any future issues. The bell should be made safe to ring as required in canon law.

4/Justification, this repair work is required to stop any further ingress of moisture into the fabric of the building all around the inside and outside wall are soaked due to the gutters leaking.

Mr Holland has also recommended at the same the lower 2 rows of slates are removed to examine the roof timbers, in addition the pinnacle that has broken needs to be replaced and secured with stainless steel dowels to stabilise the structure, the opposing pinnacle will need to be removed new dowels fitted and replaced again to stabilise the structure

the bell housing will also need pointing and the bell made to work in accordance with canon law. Ultimately this work will help to future proof the church building

2 Statement of Significance

1.1 our church is set on the busy A51 but in an extremely rural area.
1.2 The current churchyard has by calculation 10 more years space in its existing form however the PCC own a significant piece of land to the side of the church which is already consecrated and earmarked as an extension to the church yard with by calculation at current rates a life of approx. 300 years.
1.3 The church was built by Admiral Sir John Delap Tollemache in the 1830s (ancestor of the current Lord Tollemache) and is built North South this was done so that the main door faced his estate and is opposite the entrance to the estate.
1.4 The church is a simple chapel like structure (see the quinquennial for a full description)
1.5 As above
1.6 Very little silver plate and brass pews to both sides of the single aisle altar and organ
1.7 We believe if we can obtain grant aid a requirement of which is to bring the community in contact with the heritage of the area and get the church dry and decorated we will encourage more people into church by the very act of knowing it is there

2. Area affected

2.1 if our proposals are approved the most of the church will at some point be affected we will need to surround the building with scaffold which will rest on part of the church yard, all of which will be temporary the only really significant difference or change will be repair to the pinnacle and new guttering, the guttering will in fact be withing the stonework and invisible from ground level at no time would the church be closed.

2.2 The only significance of all of these works will be to bring the church back to life by drying out the structure and making it a more pleasant place to worship it is not envisaged that any damage would be caused by any work and once done the church would we hope look as it did when built.

3. Assesment of the impact of the proposals

3.1 and 3.2

The impact of these works will only be positive all the work is aimed at saving our church, it needs to be dry and therefore needs new gutters.

It needs the pinnacle repairing and therefore new dowels fitting, if as we suspect (reference Mr Holland's report) the other pinnacle is in a similar state it will also need the dowels relacing

There is no mitigation required for any of the work as it is aimed solely at restoring where possible our church to its original state, the only thing we are planning to replace with a non-original part is the guttering which unless viewed from roof level will not be visible.

In short our aim is only to carry out works to dry out the building and repair the damage caused by the damp work that should have been done progressively over the last 40/50 years.

4. Dropped pin

5

6 As can be seen in the link to google maps (4) our church is facing N/S and the drive to the old Tollemache estate can be seen directly across the A 51

Also if the image is expanded it can be seen just how rural the church is

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Llanberis
Gwynedd
LL554EN
+44 07401441394
highliferopeaccess@gmail.com
http://www.highiferopeaccess.com
VAT Registration No.: 375 7188 54
Company Registration No.
09904979

Estimate 1089

HIGHLIFE
ROPE ACCESS

ADDRESS
Graham Holland
Graham Holland Associates
' td
.raham Holland Architects
Winnington Hall
Northwich
Cheshire
CW84DU

DATE	TOTAL
11/08/2022	£28,320.00

DATE	ACTIVITY	DESCRIPTION	VAT	QTY	RATE	AMOUNT
	Conservation works	Labour for works Tilestone fearnall	20.0% S	24	400.00	9,600.00
	Materials	Masons, Stone, repair materials, overheads.	20.0% S	1	9,000.00	9,000.00
	Extra	provision for cherry picker.	20.0% S	1	5,000.00	5,000.00

Replacement of 2no pinnacles tips, St Judes, Tilestone Fearnall.
s per the report from Skyline Abseil Access.
Removal of ferrous dowel and replacement dowel in stainless.

SUBTOTAL	23,600.00
VAT TOTAL	4,720.00
TOTAL	£28,320.00

THANK YOU.

VAT SUMMARY

RATE	VAT	NET
VAT @ 20%	4,720.00	23,600.00

Accepted By

Accepted Date

EMERTON
ROOFING (WESTERN) LIMITED

Beambridge Depot
NANTWICH, Cheshire CW5 5RE
Tel: 01270 625141 Fax: 01270 610024
Established 1925
ROOFING CONTRACTORS
Slating & Tiling Specialists
Bitumen Roofing, Roof Leadwork
SLATE MERCHANTS
Welsh Slates, Staffordshire Clay Tiles
CONSULTANCY SERVICE
Website: www.emertonroofing.co.uk
Email: admin@emertonroofing.co.uk

St Judes Church
c/o Mr M Lightfoot
Oak Treen Cottage
Tiverton Heath
Tarporley
CW6 9HN

Dear Sir or Madam,
We have pleasure in submitting our costing as follows:

QUOTATION S06/15145

Dated 2nd September 2022

RE: CHURCH ROOF & GUTTER REPAIRS

Budget Figures

Eaves Gutters
Provide and erect scaffold access along eaves of North and South elevation to include 4m hoarding to comply with your church insurance.
Strip out eave slating (2 Nº courses) record and set aside for reuse. Remove old eave lead apron and cart away allowing credit for scrap value. Supply and fit new treated softwood timber fillet here, ready for new waterproofing.
Supply and fit a new Code 5 milled lead apron along the front edge of the cornice stonework, screwed and plugged to the masonry.
Excavate through stonework to allow replacement of the lead outlet pipes from the gutter, modified with new leadwork, into the existing hoppers. Clean and prepare the existing cast iron gutter / trough. Apply 2.Nº coats of Hydrostop AH25 liquid waterproofing to the inside of the cast iron gutter / trough, terminated onto the new lead apron. Reinstate disturbed eave slating, using lead tabs where direct nailing is not possible, to include new lead eave skirt.

North Elevation	**£14,000.00 (+VAT)**
South Elevation	**£14,000.00 (+VAT)**

Whilst the above is in progress:

Reslating
Carefully remove the existing ridge tiles and set aside for reuse. Strip the existing slates from both slopes and set aside sound slates for reuse. Remove old mortar torching from batten void area, leaving existing battens insitu. Cart away rubble. Provide new 50 x 25mm treated counter battens over the existing battens, mechanically nailed through into the rafters using galvanised nails. Provide and lay new Tyvek or similar underlay along with new 50 x 25mm BS5534 treated slating battens, secured to counter battening with galvanised nails. Reslate both slopes reusing the existing slates, supplemented with additional reclaimed slates to make-up deficiency up to a maximum of 50%. Slates secured with copper nails. Rebed the existing salvaged ridge tiles using suitable cement mortar. Replace leadwork to all abutments using new milled lead sheet (Code 4 & Code 5), to include secret gutter details to accommodate revised roof height.

North & South Slopes Add	**£34,000.00 (+VAT)**

No inclusion has been given to the following:-
- **Repairs to damaged ceilings or rendered finishes caused by vibration from hammering or stripping.**
- **Replacement of any decayed timber or brickwork discovered.**

E. & O.E.
Terms: Nett: Payments to be agreed.

Yours faithfully
Emerton Roofing (Western) Ltd

J L Salisbury

Jon L Salisbury
Contract Manager

Tilstone-Fernall, St. Jude, Repairs October. 22 dwg no 8061.1

GRAHAM HOLLAND ASSOCIATES

Architects & Historic Buildings Consultants
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Plas Draw, Ruthin, Denbighshire LL15 1RT
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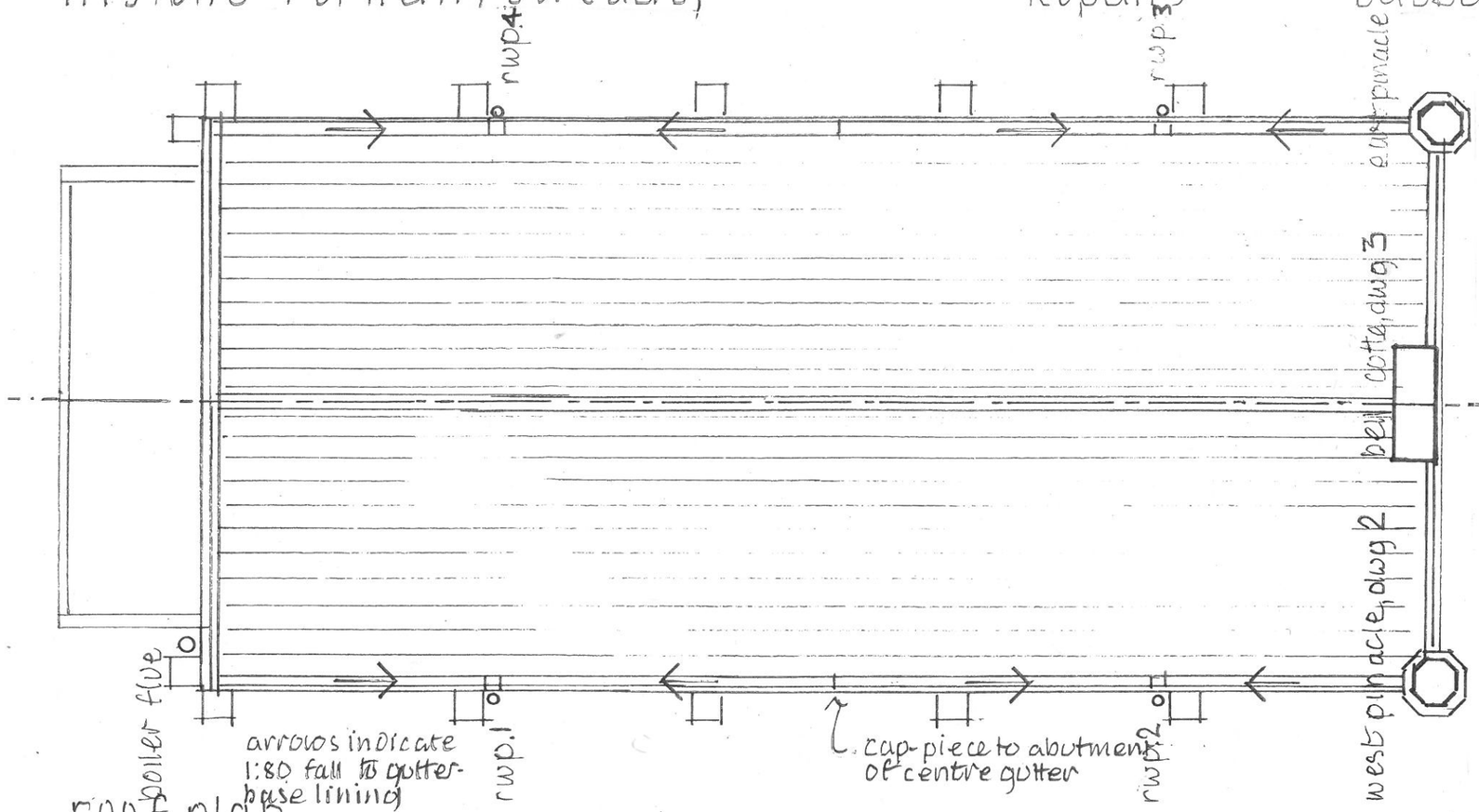
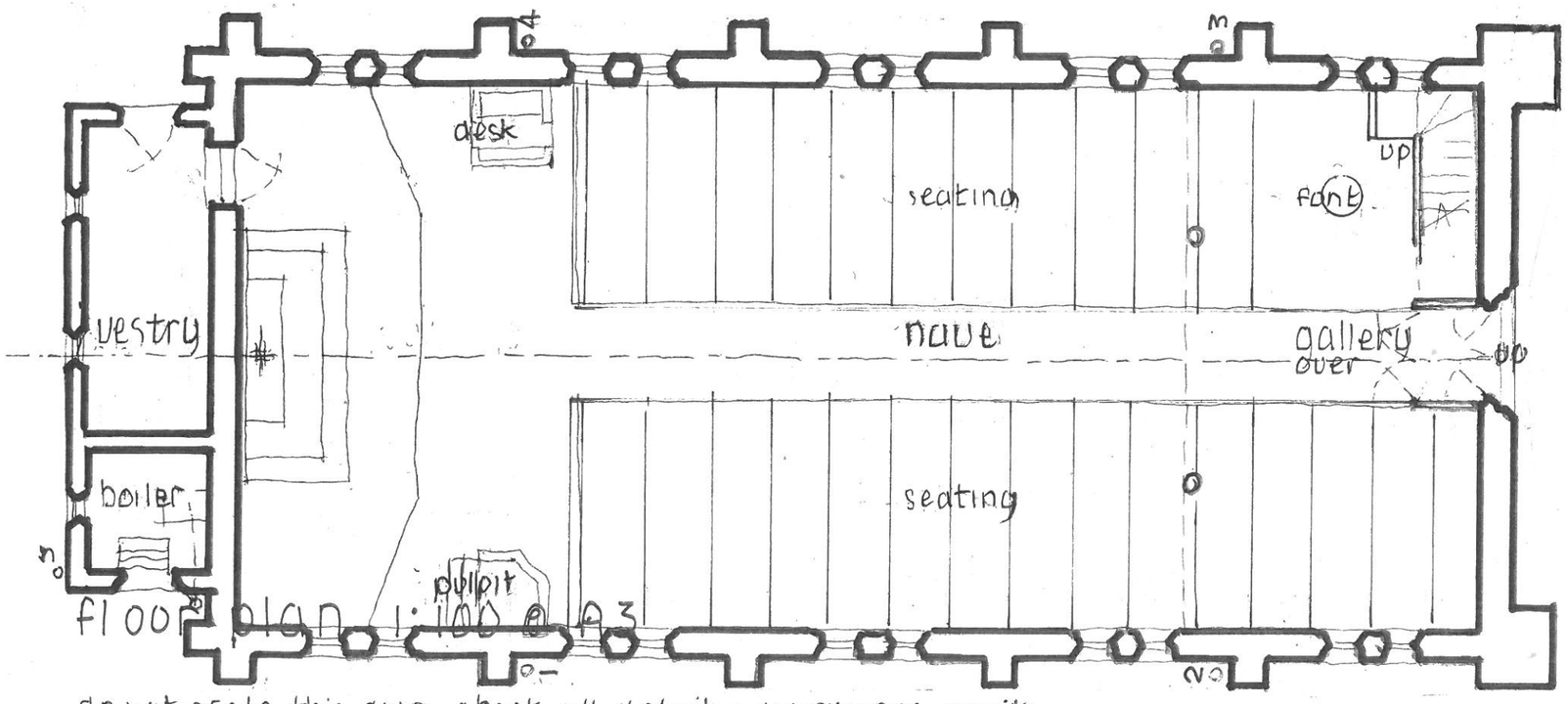
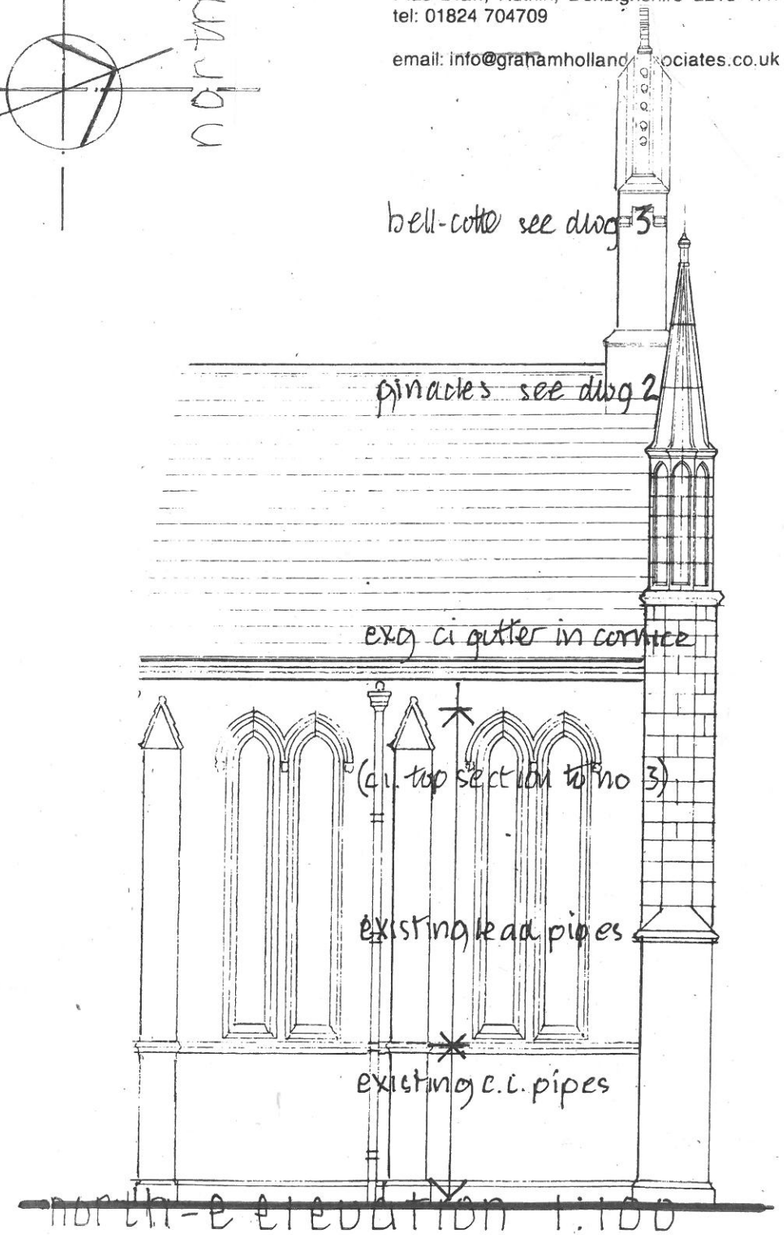
email: info@grahamholland[illegible]sociates.co.uk



roof plan



floor plan 1:100 @ A3



north-east elevation 1:100

do not scale this dwg, check all details & dimensions on site

pipe 2 shown

Tilstone-Fernall, St. Jude; Repairs, Oct. 2022 dwg no 8061.6

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abutment of lengths of the trough to be weather capped with st. steel sheet dressed over joint

slating cut back for trough & relaid with st. st. tabs to upper course

slate overhang

trough welted to outlet section

setting out for outlet sleeve

40 mm upstand to chute

inserted tray welded to trough upstands & at base

folded-over front upstand

dressed onto & secured to cornice

outline of hopper below

120 mm

new trough to be formed from single sheet of tern coated st. st folded over to front upstand

100 mm below slating, & welted over

240 mm

new st. st chute edges folded over set onto exg cornice

exg timber upstand to be checked & treated

exg lead skirt removed

'tray'

exg. c.i. gutter to be removed

70 mm min depth at upper ends

30 mm

30 mm

base of trough built up with inserted 'tray' edges welded to trough to give 1:80 falls

mortar bedding

leading edge secured to cornice with st. st screws & caps at 600 c-c

exg cast-iron gutter to be taken out; trough carefully excavated for new st. steel trough

new 70 mm dia lead sleeve inserted into existing outlet; painted bitumen externally mortar bedded

existing cast lead hoppers & pipes to be refurbished

relaid slating

trough up-stand

base trough at 1:80

hoppers & pipes

elevation of outer n-e corner

Tilstone-Fearnall, St. Jude; Stonework Repairs; October '22 dwg no 8066·2

finials to be reset with new St.St. dowels

sections to be renewed

remove exg. & renew dowels

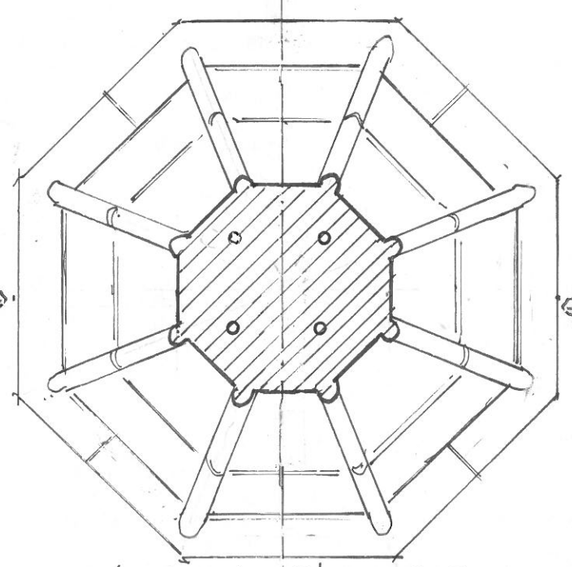
A — A

joint

joint

joint

check & report condition of all stonework from prepared access

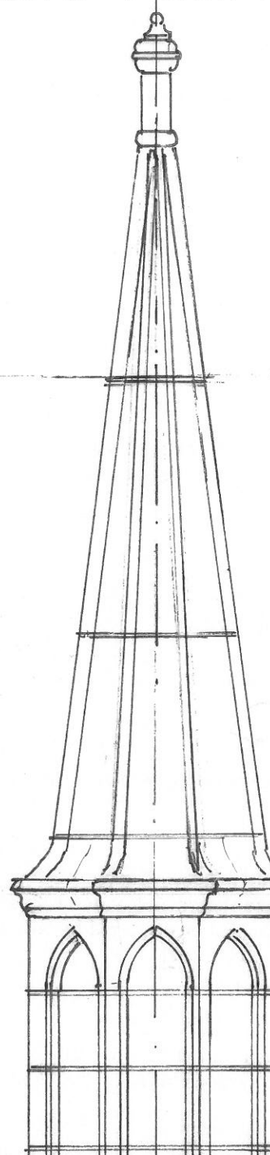


plan at 'A' 1:12·5

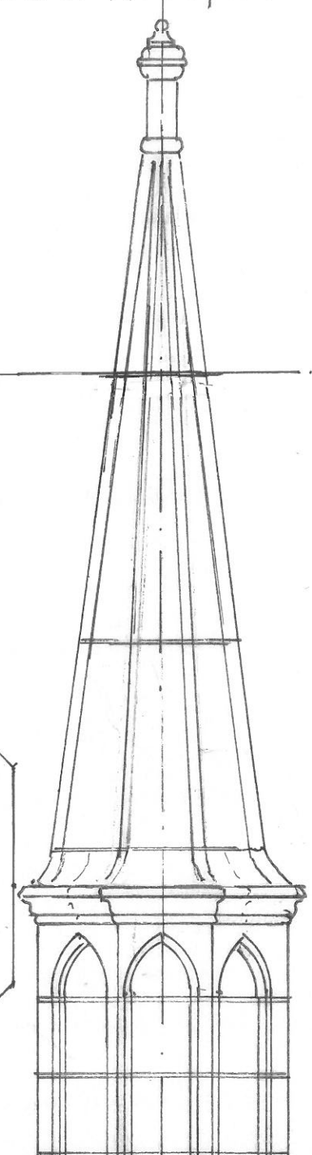
resin and grout cracking where exg dowels removed

note part missing stonework to east pinacle & splits to the upper section of the west.

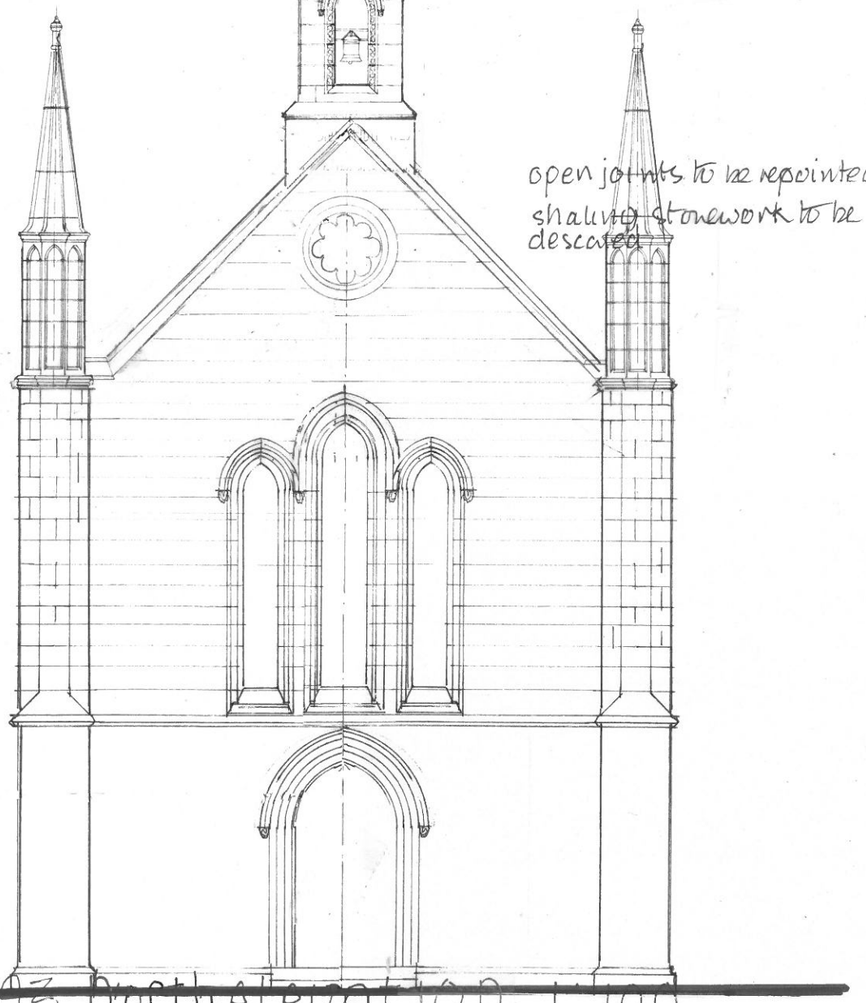
carefully dismantle & renew copied from the existing



east pinacle



west pinacle 1:25



north elevations

open joints to be repointed

shaving stonework to be descaled

north elevation 1:100

do not scale this dwg check all details & dimensions on site

plan: see dwg 1 cotte details 3

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Tilstone-Fearnall, St. Jude; Stonework Repairs; October '22, dwg no 8066·3

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plan see dwg 1

missing crocket to be renewed

missing crocket to be renewed

check & report all stonework from prepared access

check cross fixing

check security of all crockets.
remove exg. corroded dowels

renew missing crockets copied from exg & secure with resin & st.st dowels

missing

remove corroded dowels from shoulder point up resin fill cracks

descale stonework point open joints

check and resin point cracks adj to bell mounting

descale stonework point open joints

north elevation 1:25 @ ~~A3~~ A2 — east — south — west

south
flashing
slated roof

do not scale this dwg check all details & dimensions on site

Tilstone-fernall, St. Jude; Repairs

October '22 dwg.no 8066·4

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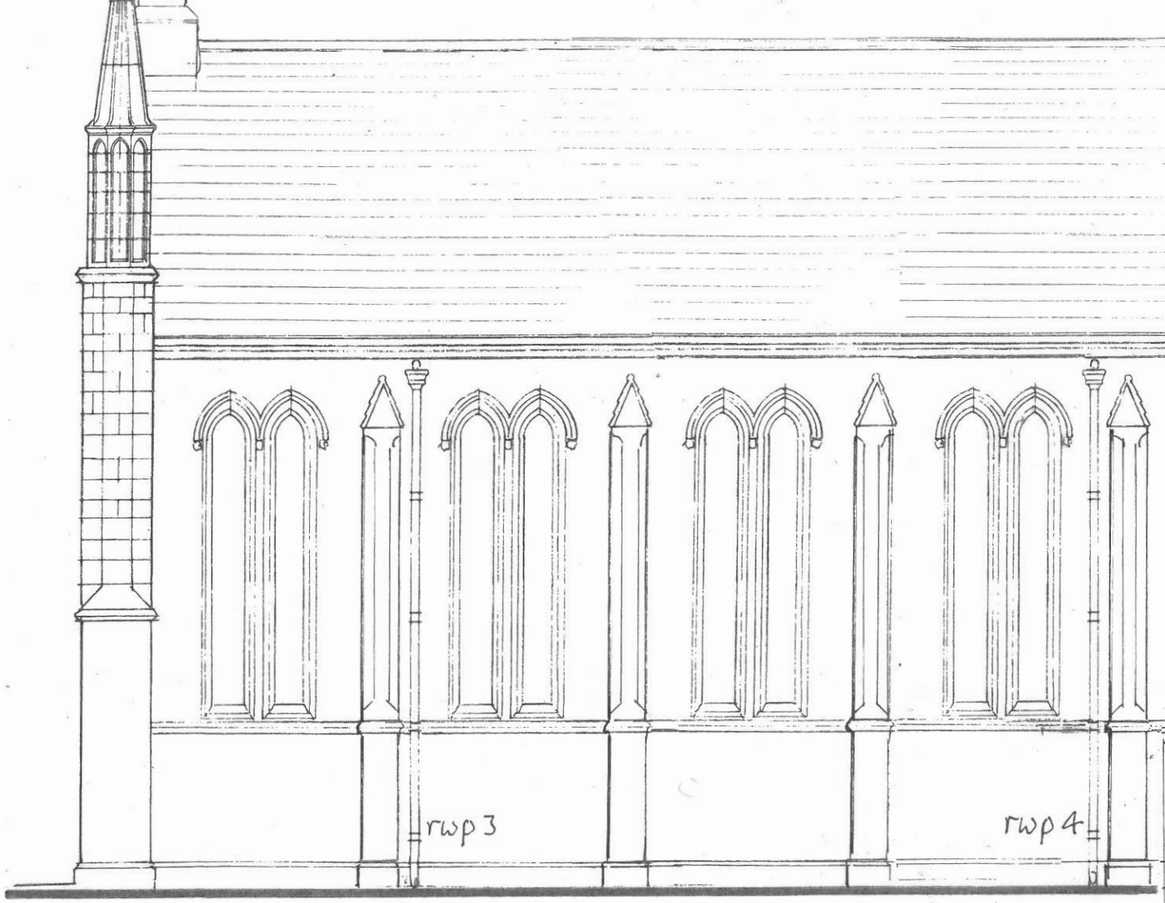
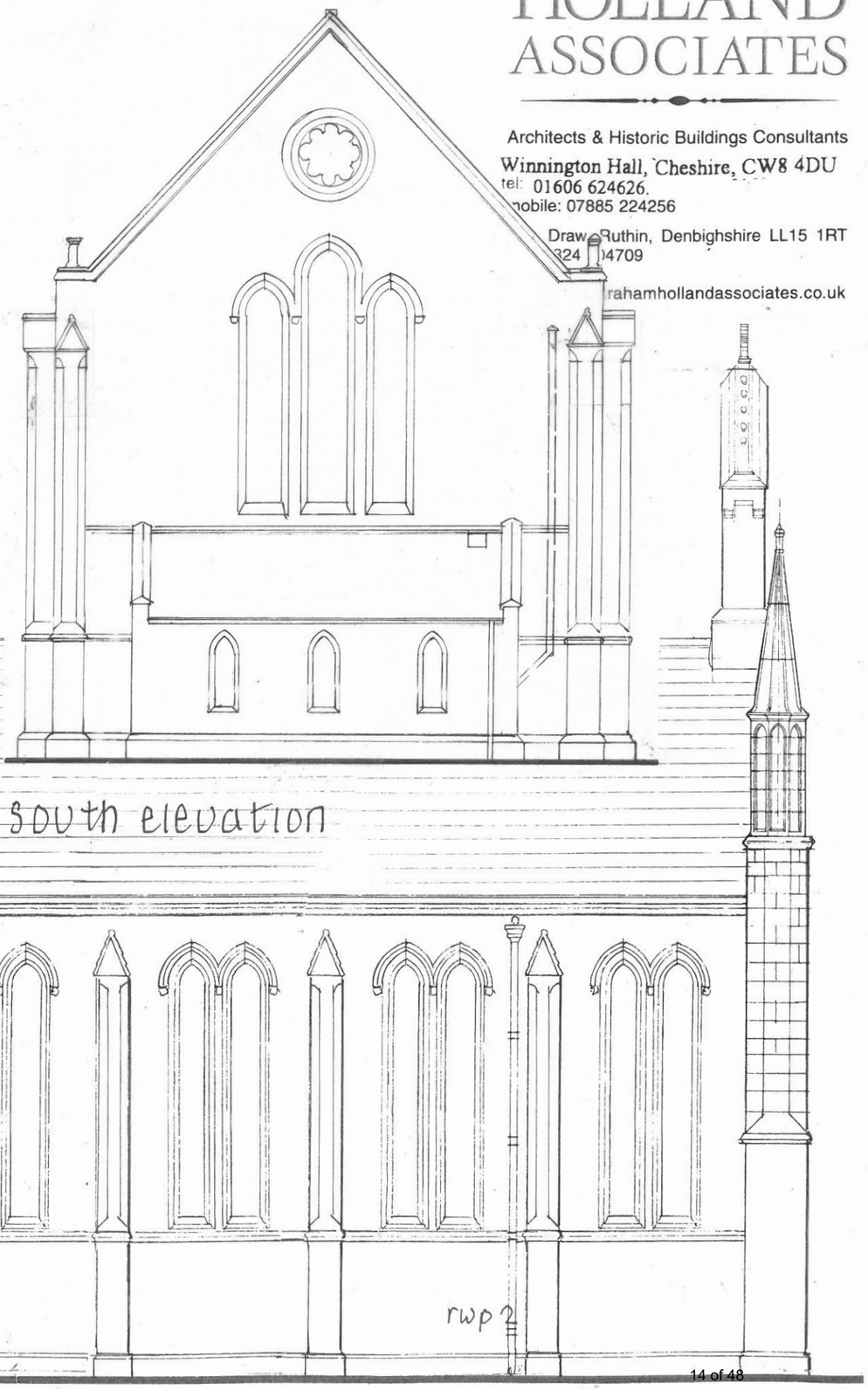
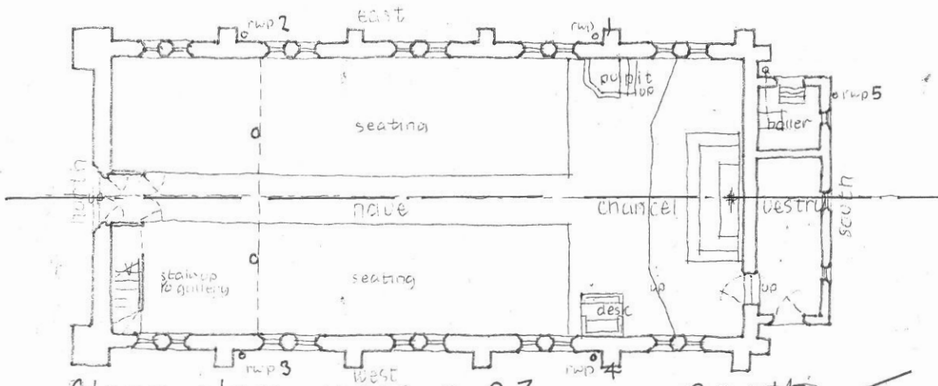


west elevation 1:100 @ A3

north elevation see dwg 2



external



floor plan 1:200 @ A3 north

do not scale this dwg. check all details & dimensions on site

Tilstone-Fernall, St. Jude;

Repairs; October '22

dwgn. 8066·5

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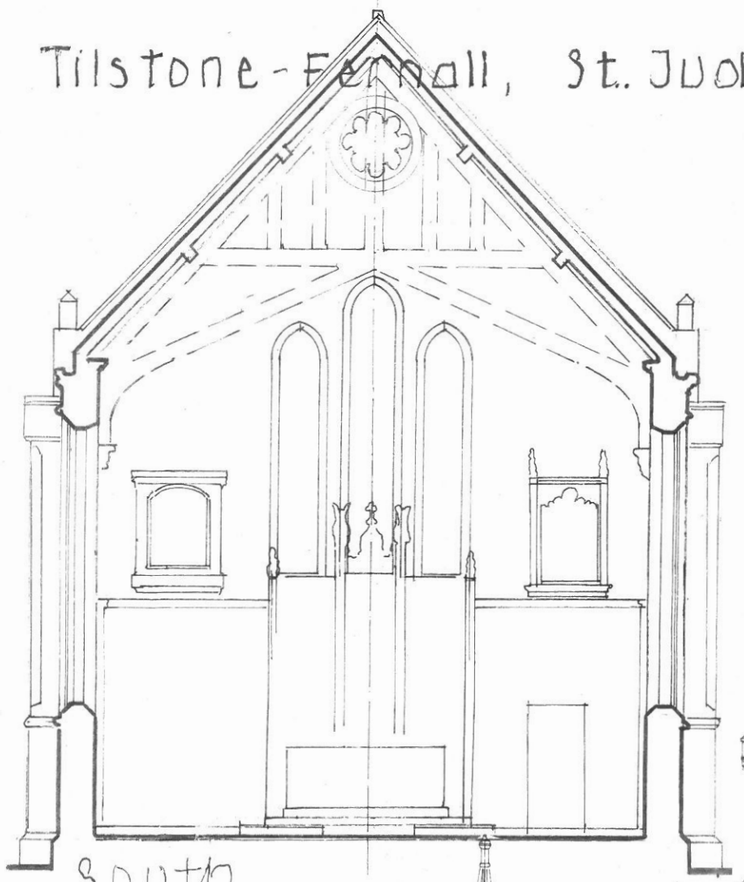
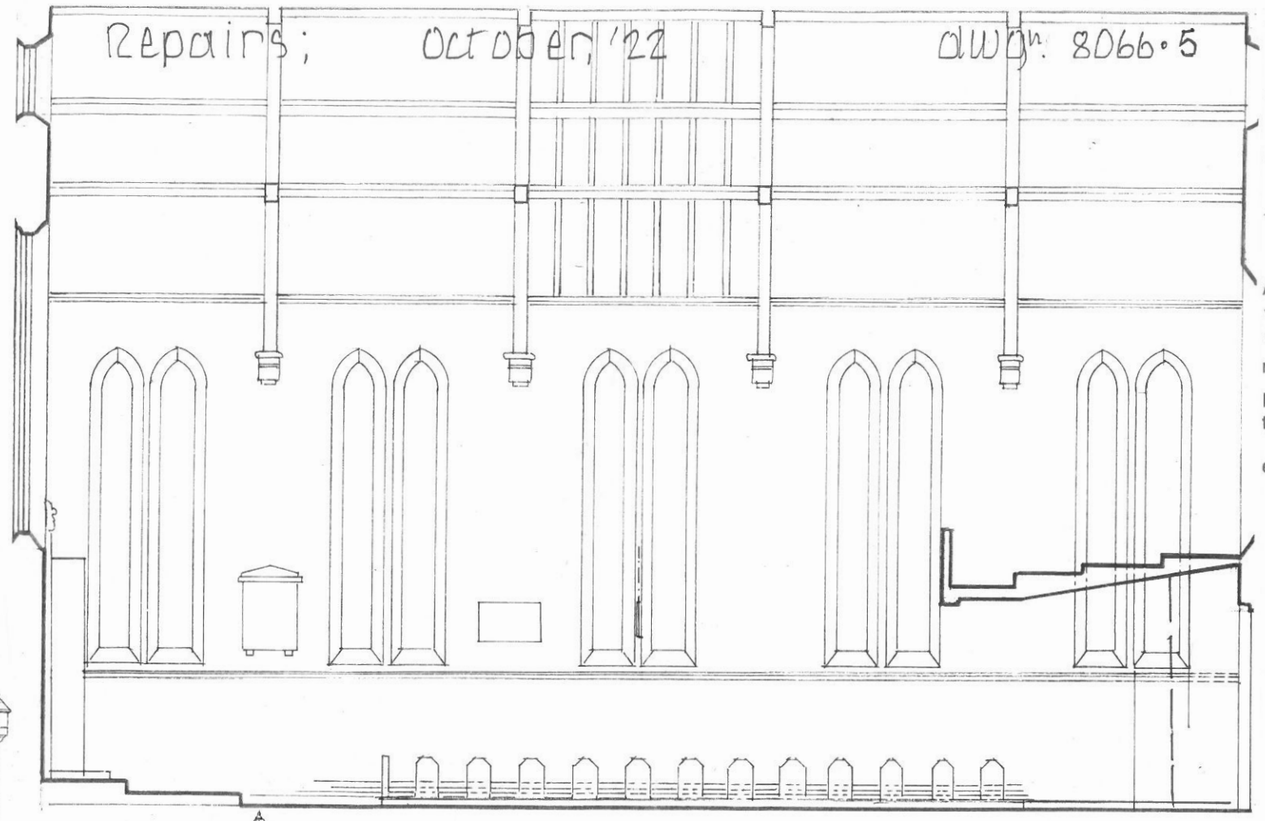
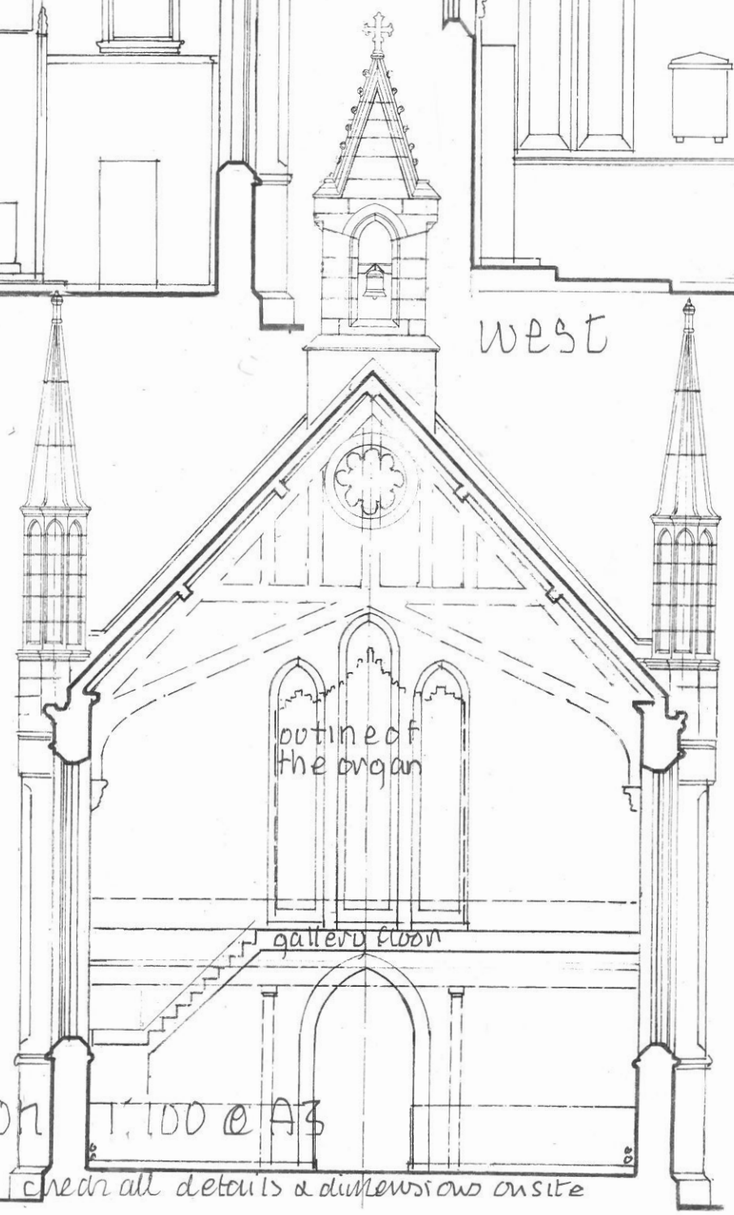
south



west



internal



north elevation 1:100 @ A3

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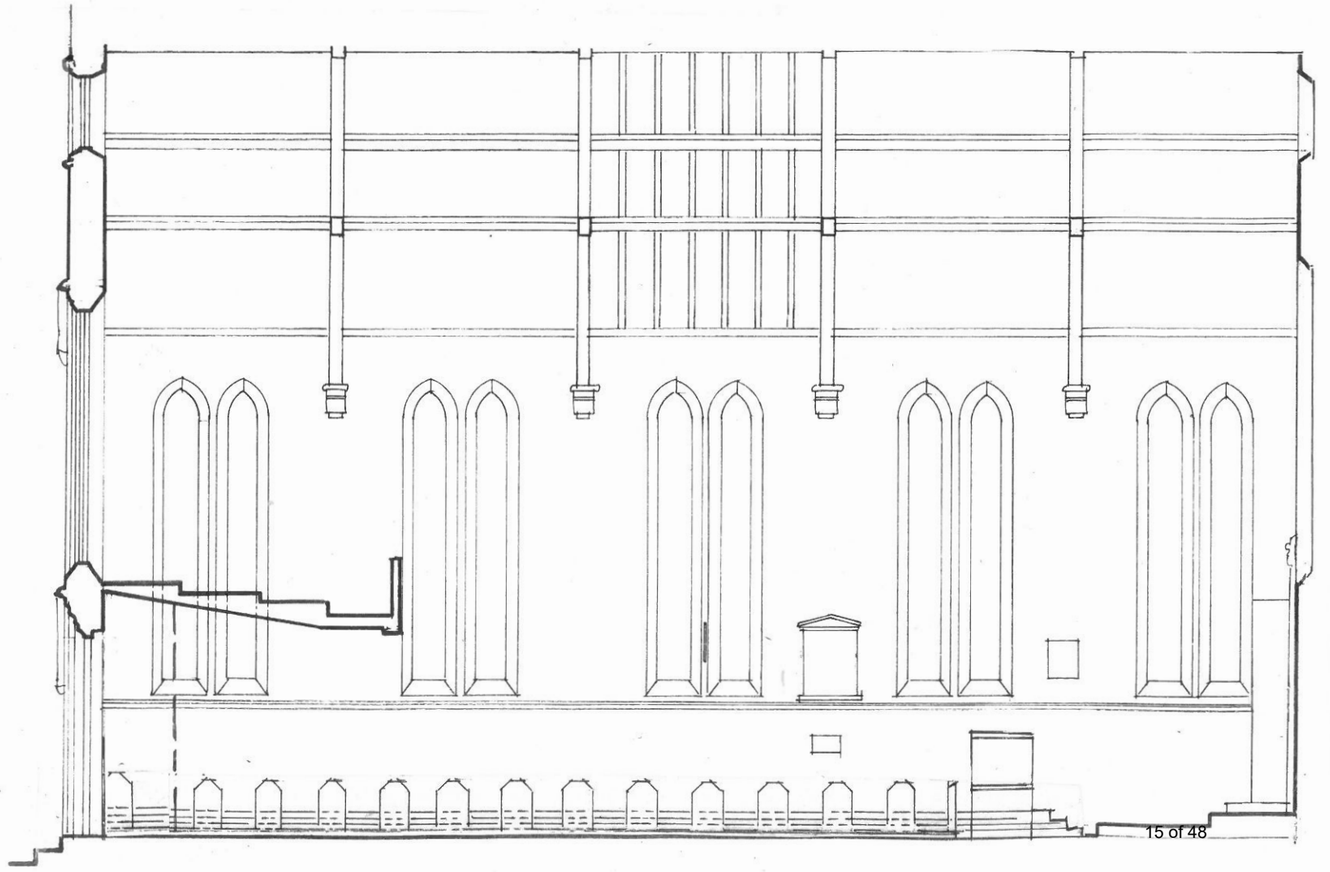

Our ref: **GDH/JD/8066**

October 2022

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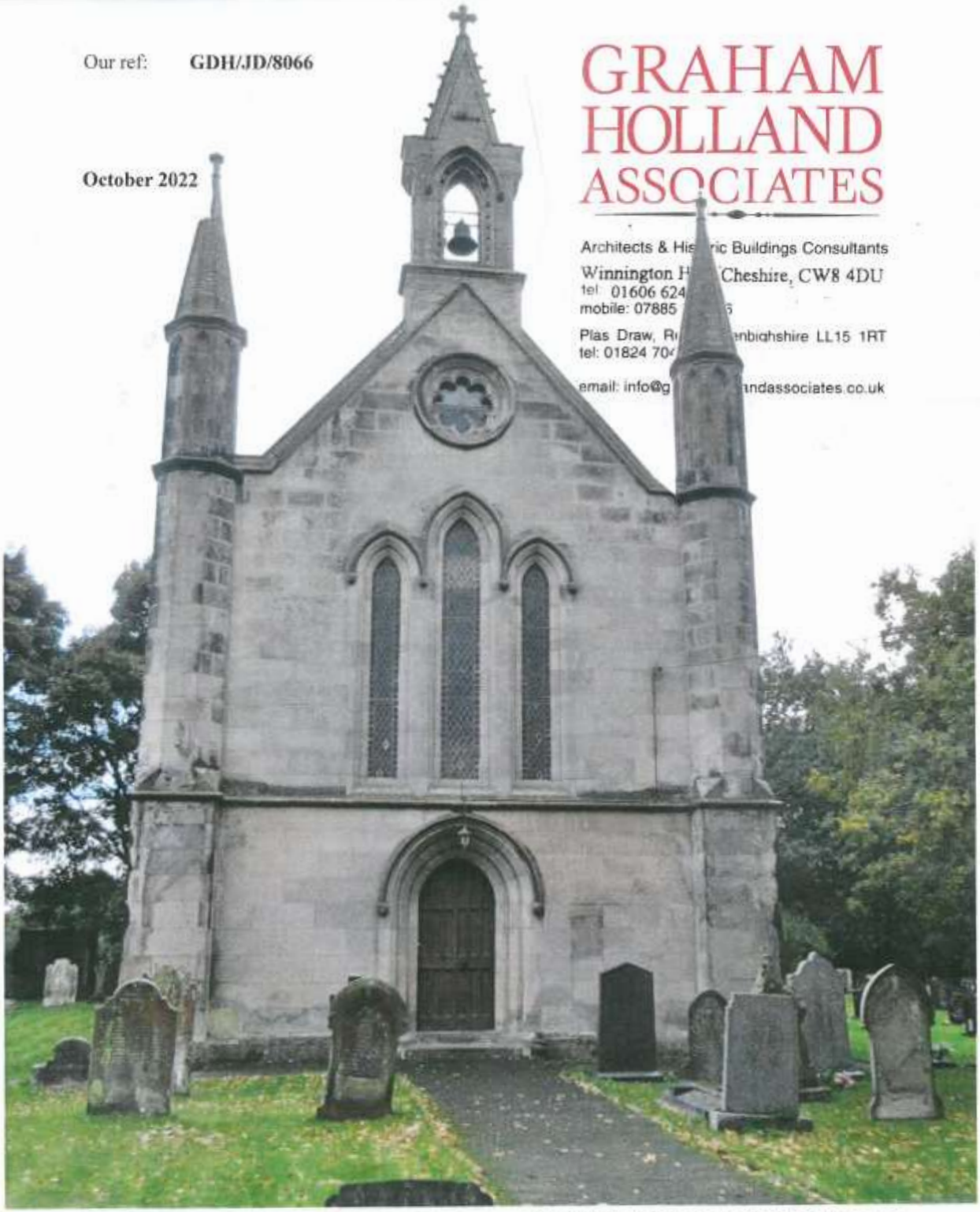


TILSTONE FERNALL, St. JUDE; ROOF, RAINWATER & STONEWORK

Schedule of Work and Specification

Graham D. Holland, DipArch DipArchConsv RIBA, A.A.B.C.,
Associates: Nigel H. Lea, BA(Hons)Arch DipArch RIBA, Carl S. Thorgaard, BA(Hons) DipArch RIBA.

TILSTONE FERNALL, St. JUDE; ROOF, RAINWATER & STONEWORK

PREAMBLES

The Employer will be the Incumbent, Churchwardens & PCC c/o and point of contact:
Mr. Mike Lightfoot.
Telephones: 01829 732611 & 07526 306212. Email: oaktreecottage@talktalk.net.

The Architect will be Graham Holland, Graham Holland Associates,
Winnington Hall, Cheshire, CW8 4DU. Tel: 01606 624626. Mobile: 07885 224256.

And at
Plas Draw, Ruthin, Denbighshire, LL15 1RT.

Telephone: 01824 704709.

Email: info@grahamhollandassociates.co.uk.

Mobile: 07885 224256

The Project comprises renewing the north & south cornice gutters repairing the rainwater pipes; roof overhaul, stonework repairs & repainting; internal plasterwork & decoration.

Drawings The front cover shows the church from

1 Roof & floor plans part east elevation, 1:100
2 North elevation, 1:100; pinnacle details, 1:25 & 1:12.5
3 Bellcote elevations, 1:25
4 External, east, west & south elevations, 1:100 location plan 1:200
5 Internal elevations, 1:100
6 Detailed section of the new gutters, 1:2.5

Location: To the west of the A49 between Tarporley & Bunbury at Post Code CW6 9HP.

Pricing: The works are to be priced as two separate contracts each complete and as one contract complete as scheduled.

The employers do not bind themselves to accept the lowest of any tender or to be liable for any expense in the preparation thereof. A detailed priced schedule including rates will be required before order and for valuations.

The tender is to be a firm price and will be deemed to relate to the items of work specified and/or shown on the drawings. The Code of Procedure for selective tendering 1989 will be used to allow for adjustment of genuine errors.

A priced detailed schedule will be required before order; all or part of the works may be ordered subject to favourable tenders being received.

The Contractor must visit the site prior to tendering to acquaint himself of all aspects of the work and restriction of the site.

No Sunday working will be permitted and works must cease during funerals and occasional services as notified by the Employer. The church is to remain in use during the works and access must be maintained at all times unless specifically agreed.

There is a supply of electricity and water for the use of the Contractor available free of charge; outside tap on the hall car park.

Site cabins etc. may be sited to the south of the church. The Contractor is to provide his own lavatory and welfare facilities & maintain subject to strict cleanliness.

Outline Conditions & Site Work Risks	**Risk Level**
Good off street parking adjacent, limited vehicular access up to the church.	**Medium**
History of local vandalism – need for a high degree of security on site.	**High**
Electricity cables and control equipment, protect during work.	**High**
Slippery surfaces and limited working space.	**High**
Working at high level and adjacent to publicly used areas.	**High**
The north & west doors will be used by the church during the work.	**Note**
The paths in the churchyard will continue to be used during the works; protect all access routes.	**High**
Non-injurious materials to stonework and pointing except dust during raking out.	**Medium**
Working with lead	**High**
Sharp edges with steelwork and fixings.	**High**
Need for care and propping while renewing stonework.	**High**
Working over roofs & leadwork.	**High**
Working with heavy materials and lifting gear.	**High**
Public access to the church must be maintained and protected at all times.	**Note**
The areas of work should be protected against unauthorised access.	**High**

CDM Regulations: Are likely to apply in full and require notification due to the expected time on site; include for all compliance and notification required.

GENERAL CONDITIONS OF WORK, MINOR WORKS 'CONTRACT, 2016 EDITION

A. **Form of Contract:** The Contractor will be required to sign the Agreement For Minor Building Works, issued by the Joints Contracts Tribunal Ltd, together with the Contract drawings and the Specification and schedule. To be signed 'under hand'.

The Articles of Agreement may be examined at the Architect's office.

The following is a list of the Schedule of Conditions for which the Contractor is to make due allowance in his tender:

Section 1	Intentions of the parties
Section 2	Commencement and completion to be stated on the tender form; damages £250 per week; the 'rectification period' is to be 12 months
Section 3	Control of the Works
Section 4	Payment: 21 days from issue of interim certificate; Retention: 5% (2.5% after practical completion); final certificate; 12 months
Section 5	Contractor's insurance: to be minimum £5,000,000 Injury, damage and insurance: clause 5.4B will apply.
Section 7	Determination Settlement of disputes: RIBA.

B. **Finance Act 1975:** The Contractor's attention is drawn to the Construction Industry Statutory Tax Deduction Scheme provided for in the Finance (2) Act 1975 and all subsequent revisions. The provisions of the scheme are set out in the Board of Inland Revenue booklet IR 14/15 (1982) and subsequent revisions. If the Employer is a 'Contractor' within the meaning of the Act, the Contractor will be required to satisfy the Employer that he holds a valid Sub-contractor's Tax Certificate before making payments to them.

C. **Insurance of the Works:** The Contractor must satisfy the Employer that adequate insurances have been taken out to cover the works and /or as required, satisfy himself that the Employer has taken out required insurance cover as in the case of works to existing buildings.

D. **Pricing the Specification:** All figures entered by the Contractor should be in ink. Should the Contractor leave unpriced any items contained in the Spec/Schedule he shall be deemed to have included elsewhere in his tender for the obligations and services described therein.

The Spec/Schedule has been prepared from and in conjunction with the noted drawings. The tenderer is to include for all the works noted on the drawings; any apparent omission in the Schedule shall be deemed to be included.

The Contractor must examine all the documents and the site of work and satisfy himself of the full scope of the works prior to tendering.

E. **Visit to Site:** The Contractor is strongly advised and will be deemed to have visited the site prior to tendering and have examined the works in detail; where the building is secure permission to enter must be obtained from the Employer with notice given to the Architect.

F. **Alterations:** No unauthorised alteration, deletion or addition is to be made by the Contractor to the text of the Spec/Schedule, and any alteration, if made, will be deemed to be ignored and the text of the Spec/Schedule as printed will be adhered to.

The tender figure submitted by the Contractor shall be deemed to be a true resultant total from correct arithmetical extensions of all his rates.

G. **Checking:** The Spec/Schedule of the lowest tender received will be arithmetically checked, and if any errors are discovered these will be corrected and carried to the Final Summary. The Contractor will be notified of any such adjustments, and he shall be given the opportunity of agreeing to these adjustments, or of withdrawing his offer. The Contractor will be deemed to have satisfied himself before submitting his tender as to the correctness of his tender as a whole and of the prices and rates entered in the Spec/Schedule, which prices shall cover all an agreement, or otherwise on entering into a Contract, it will be deemed and constructed as an acknowledgement on his part that he has so satisfied himself.

The amount of the tender will be the sum at which the Contractor engages to execute the whole of the works as shown on the drawings and set forth in the Specification and any item left unpriced in the Specification will be held to be included in the prices of other items.

Due allowance must be made in the tendered programme for undertaking any repairs or works presently covered by contingency and provisional sums.

The dates for commencement and completion are to be quoted on the contract form, a detailed programme; detailed itemised priced Specification and Schedule will be required prior to an order being placed.

A. **Name Boards:** Provide and erect a comprehensive signboard to display the style of the contract, together with particulars of the Contractor. The Architect, Quantity Surveyor and other professionals. Grant aiding Authority, e.g. the H.L.F., will supply their own name boards each, size approximately 300mm x 1200mm for fixing by the Contractor. The signboard is to be designed and constructed in a form prescribed by and agreed with the Architect.

B. **Advertising Rights:** Under no circumstances will the Contractor be allowed to use hoardings on any part of the building for advertisement purposes.

C. **Maintain Services:** The Contractor shall maintain and protect public property including that of existing live drainage, water, gas, electricity and other mains, or power services, under, on or over the site and is to make good or pay for reinstatement of all damage thereto.

D. **Delivery of Materials:** The Contractor's attention is drawn to the increasing delays experienced throughout the trade in respect of materials deliveries and he is strongly recommended to ensure that orders are placed in adequate time with the manufacturers to ensure delivery when required. Attention has been particularly directed to this as no extension of contract time will be permitted for non-delivery of materials or equipment.

E. **Samples:** The Contractor shall furnish at his own cost any samples of materials, colours or workmanship, as may be called for by the Architect for his approval or rejection, and any further samples in the case of rejection, until such samples are approved. The Architect may reject any workmanship or materials, which are not in his opinion, up to the standard of the approved samples.

F. **Dayworks:** No charges for day work will be allowed as such unless the Architect for the work shall expressly direct it to be done as daywork or unless the work cannot from its character be reasonably valued by measurement. All vouchers for daywork are to be delivered to the Architect within seven days following the week in which the work may have been executed.

G. **Re-Measurement:** Allow for giving due notice to the Architect whenever works requiring inspection of any kind are ready for covering up. If this is not done the Contractor will be required to remove any such work and cover up again entirely at his own expense.`

H. **Accounts:** The Contractor will be required to produce invoices and receipted accounts for all items as Prime Cost or Provisional Sums.

I. **Areas of Operation:** Allow for taking all reasonable precautions to prevent work people, including those employed by sub-contractors, from trespassing on adjoining owner's property or any part of the land or premises which are not at the time connected with the works. If the Contractor wishes to erect scaffolding on, or otherwise make use of adjoining and or properties, he shall allow for serving notices, obtaining permissions, and clearing away and making good any damage at his own expense and paying any costs and charges in connection therewith.

Allow for confining to as small area as practicable, any operations which will affect the surface of the site and for protecting the paved courtyard and parking area. Any damage by the Contractor and/or his sub-contractors is to be made good at his own expense.

The Contractor's attention is drawn to the fact that any closely adjoining sculpture, features, plants, shrubs and lawn must not be damaged. A temporary covering of plywood or similar material shall be erected to protect shrubs etc. from mechanical damage or mortar or other material deposit. All damage is to be made good at the Contractor's expense.

J. **Attendance**: Allow for all attendance of one trade upon another, including cutting away for and making good after all trades, and leave all perfect on completion.

K. **Artists & Tradesmen:** The Contractor shall permit the execution of the work not forming part of this contract by Artists, Tradesmen or other engaged by the Employer. Every such person shall be deemed to be a person for whom the Employer is responsible and not be a sub-contractor.

Allow for use by Artists and Tradesmen of the Contractor temporary roads, pavings and paths, standing scaffolding, standing power operated hoistings plant, the provision of temporary lighting and water supplies, clearing away rubbish, provision of space for the Artists and Tradesmen's own offices, and for the storage of his plant and materials and the use of messrooms, sanitary accommodation and welfare facilities.

L. **Materials for the Works & Workmanship:** Materials, goods and workmanship shall be to the satisfaction of the Architect and shall be to the best of their respective kinds and shall apply where applicable to the current British Standards and/or Codes of Practice. Preambles and description of materials, goods and workmanship given in any one section or trade shall apply throughout the Specification/ Schedule. All setting out, levels, drawings and dimensions are to be checked by the Contractor before and as work proceeds.

A. **Noise Control:** The amount of noise on the Works is to be kept to a minimum; the Contractor must note Section 60 of the Control of Pollution Act 1974 with reference to the control of noise, especially where the works are adjacent to occupied property, ascertain what requirements or restrictions, if any, shall apply to the Works.

B. **Provide All Plant, Tools, Scaffolding & Protection:** Provide, maintain and install all necessary hoists, ladders, scaffolding, staging tackle, tools and other plant (mechanical and otherwise) and allow for altering, adapting and maintaining them as necessary for the proper execution of the works in accordance with current British Standards, Codes of Practice and the requests of Health & Safety and all other applicable legislation.

a. **Generally** Where the building is insured by the Ecclesiastical Insurance Group, the scaffolding is to be fully enclosed by minimum 18mm exterior grade plywood sheeting or steel sheeting hoarding to a minimum height of 4.8 metres, and, similarly above any climbing points, on the building, cills offsets and the like. All plywood sheeting must be fixed to 75mm x 100mm timbers. The timbers must be either clipped to the scaffolding by appropriate scaffold clips, or secured to a substantial stand-alone timber frame complete with adequate internal bracing to prevent collapse if attacked. (note oriented strand board (OSB) is not an acceptable form of hoarding).

b. All joints of the plywood or steel sheeting facing are to be tightly butted to prevent tools being used to prise them apart.

c. **Fixing** 100mm annular ring shank nails at 150mm centres are to be used to fix the plywood boards to the timber frame. Tamper proof screws may be used as an alternative.

d. The bottom of the hoarding is to follow the contour of the ground leaving no gaps between the hoarding and the ground.

e. Where the hoarding abuts a building the plywood or steel sheeting is to cut to match closely the contours of the building to prevent any gaps being formed.

f. **Doors & access** All lower level ladders including access ladders to any scaffolding are to be removed from the site or secured & rendered unusable and inaccessible at the end of each days working.

g. Any doors let into the hoarding are to be of exterior grade solid wood type fitted in a purpose built frame. The door and frame must be flush with the exterior face of the hoarding. Heavy duty 75mm x 100mm steel butt hinges are to be used to hang the door, the hinge pin being burred over to prevent it being driven out. A minimum of 3 hinges to be fitted to any door.

h. A 'Yale' latch type lock is to be fitted to all doors. When the site is not attended doors must be secured by a heavy duty locking bar, secured to the door and frame by bolts bolted through. The locking bar must conceal the bolt heads. A heavy duty close shackled padlock conforming to at least BS EN 12320 security grade 4 and designed for external use will be used to secure the locking bar.

i. **Lighting** The exterior of the hoarding is to have floodlights (500w) angled out and towards the ground at a height of three metres from the ground and not more than four metres apart. These lights are to be switched on by 'PIR' detectors during darkness.

j. The inside of the scaffold is to be adequately lit with floodlights angled inwards and up through the scaffold illuminating its entire height. These lights must be switched by photo-electric cell for illumination at night only.

k. **Intrude detection** The scaffolding is to be protected by a scaffolding alarm system installed in accordance with the NSI Code of Practice for the design, installation and maintenance of scaffolding alarm systems NCP 115.

l. The system is to be installed and maintained by a company on the official list of recognised firms of the NSI or SSAIB inspectorate bodies and must also appear on the local police force list of compliant companies.

m. The system is to combine notification locally by an instantaneous audible device activation together with notification to a permanently manned alarm receiving centre conforming to BS 5070 or BS EN 50518 via a minimum Grade 2 alarm transmission system under BS EN 50136. The system must be designed to utilise combined PIR detectors and cameras to detect unauthorised movement. Images from devices must be reviewed by the manned alarm receiving centre and action taken if unlawful activity is identified.

n. A copy of the scaffolding alarm system design proposal is to be sent to Ecclesiastical for approval. The specification must include confirmation by the alarm company that, either sub-contractors will not be used or specify the extent to which sub-contractors will be used where appropriate.

A. **Provide All Vehicles and Transport:** Provide all necessary transport for labour, materials, plant etc. for the works.

B. **Site Meetings:** All for arranging site meetings at regular intervals as required by the Architect.

C. **Protection, Lighting & Watchmen:** The Contractor shall provide all requisite protection upon and adjacent to the site as may be necessary for the public safety, including all lighting barriers, etc. and he shall protect the works whilst in progress and he shall be held responsible for and must indemnity the Employer against all actions, claims, loss, damages or costs brought, taken or incurred by any person or persons consequent upon negligence of the Contractor or his workmen, and also in respect of all accidents and damages to persons, vehicles, etc. or for trespass during the performance of this Contract. The building and contents are to be kept fully protected and secure at all times and particularly when the site is unattended.

D. **Protection of the Works From the Weather:** Allow for providing and maintaining all necessary protection and coverings of the building, fittings, new and existing works to prevent injury by frost, wet, or other inclement weather and removing and reinstating all damaged works which the Architect decides have not been adequately protected.

The Contractor's attention is drawn to the fact that any existing structures must not be overloaded and materials must not be stored thereon and any temporary storing or supports must be provided and maintained to protect existing structures.

Any damage to existing or new works and contents or surroundings arising from the works shall be made good by the Contractor.

E. **Site Practice:** The playing of radios, consumption of food, smoking are not to be permitted within the site area, building or on the roof. The site works are at times to be maintained in a tidy and clean state to the satisfaction of the Architect.

F. **Casing up & Protection:** Allow for casing up and protection of all new and existing works and fittings in all trades as necessary during the execution and until completion of the works and reinstating as last described.

In the case of Ecclesiastical buildings where an organ is fitted, this is to be fully protected against dirt, impact and ingress of water to the satisfaction of the Architect and Employer.

G. **Water for the Works (see Scope of the Work):** Where an adequate water supply for the works exists on the site, this may be used with the Employer's permission.

H. **Temporary Lighting & Power (see Scope of the Work):** Where an adequate lighting and power supply for the works exists on the site, this may be used with the Employer's permission with adequate counter charge agreement or as stated in the schedule.

I. **Temporary Accommodation:** All necessary temporary accommodation for the storage of materials is to be provided by the Contractor and located as agreed. All compounds, site cabins, plant and material storage are to be positioned to the satisfaction of the Employer, Architect and Local Authority.

The Contractor must ensure that only small quantities of the materials are stored day by day.

The Contractor shall ensure that gas cylinders (calor, propane, or other gases) whether full or empty are, when not in use, to be stored in a secure place constructed of non-combustible materials, well ventilated and away from sources of heat.

The Contractor must provide for all temporary sanitary accommodation and the cleaning of same.

J. **National Insurance & Injury:** Pay all contributions and expenses incurred in complying with the requirements of the current Social Security Act and with the National Insurance (Industrial Injuries) Act Order (Employers Liability Insurance) Redundancy Payments Acts.

In addition to be liable for and indemnifying the Employer against loss, liability, claim or proceedings as stated in the conditions, the Contractor is also to insure against such risks. The Contractor will be responsible for ensuring that all sub-contractors are similarly insured.

K. **Maintenance of Roads:** The Contractor shall ensure that roads and footpaths in the approach to the site are kept free of mud and debris, and that damage, beyond fair wear and tear is caused to the public and private roads and footpaths by site traffic. In the event of any damage being so caused or expenses being incurred, the Contractor is to make good or pay for the reinstatements to the satisfaction of the Employer, Architect and Local Authority.

L. **Clearing Away:** Take down and clear all plant and temporary works, including sanitary convenience, mess rooms, offices, sheds etc. otherwise described and make good. Remove all existing rubbish, (including that of sub-contractors), surplus materials as they accumulate and at completion, clean floors, pavings and external surfaces, and leave the works clean and tidy. Reseed or re-turf bare areas, to be agreed.

3. SCHEDULE OF WORK

			£	p
	GENERALLY	**To both sections of work**		
A.	**Preparation**	Provide and maintain all necessary plant, scaffolding, equipment, tools and materials for the proper execution of the works in accordance with these preliminaries, preambles and general specification and all current British Standards, Codes of Practice and Legislation and to comply with all Health and Safety requirements.		
B.	**CDM Regulation**	On these works the current Construction (Design and Management) Regulations are notifiable; the contractor is to include for carrying out all duties of the Principal Contractor, as defined in the Regulations.		
C.		These duties include taking account of the Health and Safety issues when preparing and presenting tenders or similar documents; co-ordination of the activities of all contractors to ensure they comply with Health and Safety legislation. Completion of the H&S File.		
D.		A statement of compliance with CDM Regulations is to be provided, covering such matters as knowledge, resources, management structure etc., to enable the client to be satisfied that the Principal Contractor is competent to carry out the work in accordance with the regulations.		
E.	**Assess**	The contractor must examine the existing conditions of adjacent and below the areas of work and satisfy himself and include for any necessary making good and to record the existing conditions with photographs before work commences.		
F.		A detailed report on the existing condition is attached and may be referred to without prejudice.		
G.	**Protection**	Protect all areas of roofing, stonework, planting and details adjacent to the works from damage during the works.		
H.		Where relevant, arrange with Electricity Company to protect main cables and remove on completion of works; protect mains control board and allow for access by the church during works.		
I.		The Contractor is to report and make good any damage caused, without delay and to the satisfaction of the Architect. Any new materials or fixings damaged during the works are to be replaced by the Contractor.		
J.		Dust will be generated during the works; this must not be allowed to cause nuisance or damage – sheet up all areas and remove on completion.		
K.	**Organ**	Include to liaise and the sum of £1,000 for the church's organ builder to protect the instrument and remove on copletion.	1,000	00
L.	**Scaffolding**	Required for access for the areas of work is to be designed for suitability for works. The ends of the scaffold poles adjacent to the structure are to be protected with plastic caps.		
M.		External scaffolding is to be protected by secure meal sheeting up to 3m high without any projecting poles or crawlways; higher where adjacent to climbing points. Assess ground and structure for support of workloads and scaffolding and make adequate provision.		
N.	**Materials**	Are to be used in accordance with manufacturer's recommendations and in accordance with the specification notes section 4 of this schedule.		
O.	**Mortar**	For bedding & pointing is to be general mix of 1 part each of NHL 3.5, sand & for copings to be NHL 5.		
P.	**Fixings**	And reinforcement to be grade 316 stainless steel.		

			£	p
A.	**New stone**	Is to be 'Woodkirk' or similar as agreed with the Architect and subject to approval of a sample before ordering.		
B.		To be provided & carved to match the existing.		
C.		Take templates before taking down.		
	SECTION 1	**ROOF OVERHAUL, GUTTERS & PIPE REFURBISHMENT**		
D.	**Area of work**	To the nave/chancel roof complete refixing loose slates; renewing flashings & the east & west cornice.		
E.	**Temporary works**	Arrange for safe diversion of rainwater during the works.		
	GUTTERS			
F.	**Report**	From provided access examine & report to Architect, allow for inspection & take direction at each stage.		
G.	**Take out**	The existing cast-iron cornice gutter lining & clear from site.		
H.		Take up 2 courses of eaves slating & remove the lead skirt below.		
I.		Carefully excavate in the bedding, remove & clear.		
J.		Excavate for & take out the existing lead sleves from the outlet positions, 4 no., and remove mortar bedding.		
K.		Carefully tool the stonework to allow for insertion of new trough & sleves as detailed.		
L.	**Examine**	The existing part lead / cast-iron rainwater pipes hoppers & back plates.		
M.		Include the provisional sum of £2,000 (two thousand pounds) for repairs to the existing lead pipes & hoppers including to take off hopper no.1; take to workshop, repair complete & refix as existing.	2,000	00
N.		Carefully remove existing paintwork from the lead pipes.		
O.		Take off upper cast-iron section & hopper to pipe no.3.		
P.		Provide & fix new cast lead hopper & pipe to match existing adjacent.		
Q.	**New sleves**	Provide & form new code 6 lead pipe sleves & paint two coats bitumen externally.		
R.		Insert into prepared outlets & bed in NHL 2.5 mortar to secure in position.		
S.	**New gutters**	To be built-up onto the existing cornice with Tearn coated stainless steel sheet bedded on to NHL 2.5 mortar.		
T.	**New trough**	Provide & form new trough with a folded sheet as detailed; complete & continuous from below the slating and to the trough, the front upstand to be folded down, dressed & secured onto the stone cornice. All as detailed on dwg. no.6.		
U.		Provide similar "lining tray" to give 1:80 falls to each section inserted and the edges welded to the sides of the trough.		

			£	p
A.	**Centre joint**	Provide & secure cover sheet to the central joint & spot weld in position.		
B.		Allow 20mm. gap between trough ends (to allow for movement).		
C.	**Overflows**	Form overflow chutes to each outlet and welt joint to main trough sections, to seat onto the sloping edge of the stone cornice.		
D.	**Outlets**	Provide spiggots to weather into lead sleves.		
E.	**Painting**	To be painted to manufacturer's specification.		
F.		To the lower cast-iron sections of pipe nos. 1,2,3 & 4 and to pipe & gutter no.5.		
G.		Prime 2 x undercoat & finish.		
H.		Satin 'lead grey' to match the leadwork colour.		
I.		Dulux oil or similar equivalent to approval.		
J.	**Make good**	Remove existing fixings & plugs.		
	ROOF OVERHAUL	In conjunction with gutter renewals & stonework.		
K.	**Assess**	Before tender.		
L.		And from prepared access; report to Architect and take instruction; note 'large' slates.		
M.	**Resecure**	Loose & slipped slates onto stout copper straps secured over the adjacent upper batten.		
N.	**Flashings**	Take out the existing flashings & verge slates up to the north & south parapets.		
O.		Rake out below the copings to minimum 50mm.		
P.		Provide & insert new Code 5 flashings the leading edge welted over, back point with lead mastic thence NHL 3.5.		
Q.		Build in Code 5 soakers to slating during relaying and fold down cover flashings.		
R.	**Ridges**	Point up to joints in ridges.		
	COMPLETION			
S.	**Contingency**	Include the sum of £1,000 (one thousand pounds) for further like-for-like works to be carried out as instructed; to be expended in part or whole.	1,000	00
T.	**Clear**	All debris and unused materials from site and leave the areas clean tidy and free of defect.		
		TOTAL '1' TO TENDER		

			£	p
	SECTION 2	**PINNACLES & BELLCOTE STONEWORK; REPOINTING**		
A.	**Areas of work**	To the nave north gable location shown on dwg. 1; east & west pinnacles, central 'cotte & parapets.		
B.	**Assess**	From prepared access, report to the Architect and allow for inspection.		
C.		Take instructions for work as directed.		
D.	**PINNACLES**	Detailed as dwg. no. 2.		
E.	**Take down**	Carefully record, take templates & dismantle the finials & top section of each, lay aside for assessment.		
F.		Examine bedding; note reported 'copper' dowels are to remain; remove any ferrous dowels including from the finial.		
G.	**New stone**	Provide carve & fix new upper sections complete; bed & dowel on to existing renewing any ferrous dowels with 12mm. 200mm. long threaded stainless steel.		
H.	**Finial**	Clean off mortar bed & refix with dowel as last.		
I.	**Report**	To open joints to remaining shaft down to roof level.		
J.	**BELLCOTE**	Detailed as dwg. no. 3.		
K.	**Cut out**	Ferrous dowels from the 'shoulders' by drilling around, and make good water stone plugs bedded in resin. And ferrous dowels to where crockets previously removed.		
L.	**Renew**	Two no. missing crockets carved to match the existing and secure with similar sized stainless steel dowels & resin.		
M.	**Descale**	Assess & carefully remove loose surface scale from the base section.		
N.	**Repoint**	To open joints to 'cotte complete.		
O.		And provide 4 sq.m. below to general wall; adjust pro-rata on completion.		
P.	**REPOINTING**	Externally, shown on dwg. nos. 2 & 4.		
Q.	**Note existing**	The stone joints are 'tight' take extra care not to allow mortar 'spread'.		
R.	**Repointing**	Take & report to spec. to the north east & south elevations complete including all details buttresses offsets & copings.		
S.		To the west elevation above the window cill string & local areas only below.		
T.	**PARAPETS**	Location shown on dwg. no.1 to the north gable both sides to the south gable roof side to include the base kneelers.		
	COMPLETION			
U.	**Contingency**	Include the sum of £2,000 (two thousand pounds) for further like-for-like works to be carried out as instructed; to be expended in part or whole.	2,000	00
V.	**Clear**	All debris and unused materials from site and leave the areas clean tidy and free of defect.		
		TOTAL '2' TO TENDER		

			£	p
	SECTION 3	**PLASTER REPAIRS & REDECORATION**		
A.	**Areas of work**	To the east & west walls internally where damaged to be assessed at tender stage, as shaded on dwg. no.5.		
	Protect	All areas as described.		
	Take off	Existing damaged & loose plaster to expose the masonry bed & clear.		
	Replaster	With fiber reinforced lime as detail spec.		
		Finish smooth with and to match the existing surface.		
	Redecorate	Prepare all areas of plasterwork existing & new to the east west north & south walls; remove all loose material.		
		Prime new work.		
		Apply two coats contract matt breathable paint.		
		Tint to be Parchment white as Dulux Heritage range.		
		Provide a 1m.sq. sample for approval by the Architect before proceeding with general areas.		
	COMPLETION			
F.	**Contingency**	Include the sum of £1,000 (two thousand pounds) for further like-for-like works to be carried out as instructed; to be expended in part or whole.	1,000	00
G.	**Clear**	All debris and unused materials from site and leave the areas clean tidy and free of defect.		
		TOTAL '3' TO TENDER		

x

5.0 REPOINTING TO BRICK AND STONEWORK

Site Conditions

Because the conditions in which the mortars are placed can have a significant effect on their performance, the work area must be protected from rain and rapid drying by wind or sun, and must not take place when the temperature is likely to fall below 5°C over the next seven days.

Joint Preparation

Joints should be carefully cut out using quirks. This may be preceded by stitch drilling or the use of diamond discs provided that no damage is caused to arises and no over-running take places, especially on perps. The depth of cutting out is to be 40mm back from the face, cutting to a square sound face. If deterioration has taken place to a depth in excess of 40mm then the void at the back of the joint should be wetted up and firmly tamped with mortar, leaving a 40mm void for pointing. At this stage, any replacement bricks required should be installed, cutting out and retaining in a labelled box as salt damaged brick. 40mm depth should be left around the brick replacement for pointing.

Binder Material

The binder is to consist solely of natural hydraulic lime NHL3.5. Data sheets for the lime used must be obtained and retained as part of the record. The NHL selected must have a minimal calcium aluminate content.

Aggregates

The aggregates are to consist solely of sharp, well-graded, well washed sand and grit and well graded washed porous limestone. The porous limestone should be well washed and graded Guiting or similar limestone. All aggregates must be wet sieved to ensure they are free from adherent clay contaminants and must be accurately batched using gauge boxes.

NHL3.5	Blended Sands	Limestone
St Astier 1.0	1.5	0.5

Grading of Blended Aggregates

The blended sharp sand and limestone aggregate should match closely the following grading. The evenly distributed grading between 1.18mm and 150 microns is of particular importance.

Aggregates retained on	5.0mm	0%
	2.36mm	10%
	1.16mm	20%
	600 micron	20%
	300 micron	20%
	150 micron	20%
Finer than	150 micron	10%

Batching of Damp Aggregate

Volumes of aggregate recommended are based on dry volume. Allowances must be made for the bulking of damp material as follows:-

$$\frac{\text{Dry volume of sample} - \text{damp volume of sample}}{110} = \%\text{ of additional aggregate required}$$

Protection of Aggregate

Blended aggregates must be protected on the site from rain to avoid migration of fines.

Mortar Mixing

Aggregates and lime should be blended together dry in a tilting drum mixer to which enough water is added to prevent excessive dust and to wet up all the constituents. The mixing should take place over 20 minutes and left to stand. After a period of not less than 10 hours and not more than 16 hours the mortar should be remixed with the additional water for a further 20 minutes, raising the drum mixer nearer a horizontal position to encourage the mix to drop from the sides. The addition of two large cobble stones to the mixer is of assistance in compacting the material as it is mixed. When the mortar is ready to be transferred to wetted spot boards for pointing, the consistency should be stiff but with good workability.

Mortar Placing

The mortar must be protected with plastic sheet and hessian from rain, sun and especially from wind for a minimum period of seven days, longer if weather is particularly bad. In the unlikely event (during the winter) that the work becomes dry during this period, protection should be fitted and light water misting applied from time to time.

6.0 STONEWORK AND BRICKWORK REPAIRS AS NOTED IN THE SCHEDULE

Unsafe Stones

Carefully examine for report to Architect and shore any insecure sections of brick or stonework and remove those decayed, loose or dangerous, all as directed by the Architect and noted in the Schedule or on the drawings.

Replacements

Stones and bricks removed or missing are to be replaced as directed with new from a source to be agreed with the Architect, and as similar as possible in bearing strength, porosity, permeability and appearance to the original.

Bedding

All new stones are to be correctly bedded with their natural bed at right angles to loads or thrusts except where otherwise instructed. The lines of all mouldings, curves, angles etc. are to be worked out of solid, as directed. No angle mitre-joints will be permitted, and, except where expressly otherwise instructed, no new stone shall be of less depth than 120mm from face of the wall or where projecting not less than rwice the projection.

Jointing

New mortar joints are to be of width, exactly matching the existing and equal to a sample to be approved by the Architect. Joint lines are to be maintained exactly or as far as possible as present.

Mortar

Mortar is to be generally as specified and nearly as possible to match to the original as approved after careful experiment.

Cramps

All harmful iron cramps and fixings are whenever possible to be removed and replaced as directed either by bronze Delta Bronze no.4 grade 316 stainless steel, copper or other approved non-ferrous metal or as noted in the schedule. Cut away in courses cramps where directed. Afford all necessary additional and temporary support.

Carving

Include to photographically record all work to be renewed before removal. Detail carving where required in new work is to be done either on the ground or in position as directed, and by professional carvers. Old carved work is to be reincorporated where possible and soundly and properly keyed and cramped into the new work as directed.

Carefully re-fix any fallen or previously removed decorative features wherever directed securely cramped into walling as instructed on the site and as above.

Dressing Off Stonework

To stonework where noted on the drawings. Report to Architect before, during and after completion of each stage for detailed site instructions.

Carefully remove all loose and friable surface stone by tapping, re-tooling and hard bristle brush or water lance as directed after experiment on site, to present an even texture to the whole wall including chamfer to joints to prevent water-holding ledges.

Mouldings are to be treated in a similar way, under direction of Architect, to correct destructive water channelling.

Tile Repairs

To minor defects where or directed on site, carefully cut back to 100mm deep and form squared pocket build up with reclaimed red plain clay roof tiles in courses, edges exposed to be roughly cut to approved sample. Bed and point in mortar as above and tamp brush back. Generally to match similar repairs.

8.0 RESLATING AND RETILING

Stripping

Make a careful note and record of the existing slating / tiling pattern and coursing, including any decoration. Remove all slating/tiling with care and place in safe and adequate storage for re-use. All felting, battening and debris is to be carefully removed without injury to the roof structure and ceilings below.

Rebatening and Felting

After approval of repair works to each section of roof carpentry, lay untearable quality approved roofing felt as scheduled over rafters and / or battens and lapped 400m sheet over sheet, and batten with tanalised 50mm x 25mm sawn deal battens securely fixed with stout stainless steel nails to rafters 65mm x 3.35mm ring shank.

Tiling and Slating

On all slopes the previously removed slates and / or tiles are, as far as possible, to be re-used or renewed as scheduled made up as necessary with new slates or tiles equal and approved, of nearest possible match to old, as directed and approved by the Architect and to conform to BSEN 12326-1 2004 for slates and BS 402 : Part 2 1970 for tiling.

Carefully lay new or relay salvaged slates and / or tiles as directed, in diminishing or regular courses, as applicable to match the existing. From eaves to ridge, to present an unbroken face; minimum lap to be 75mm for above 35° pitch, normal exposure, and greater where there is a risk of storm damage or penetration; the lap is to be 90mm for below 35° pitch and as agreed with the Architect.

Where slates are of diminishing courses towards the ridge carefully select reclaimed or new slates and cut to suit and maintain a good and adequately weathered bond. Standard sizes are to be laid with the vertical joints in a true and even line front eaves to ridge.

Fixing

The slates and / or tiles are to be kept of a single type within each roof slope, changes being confined to the lines of hips, valleys or verges.

Nailing

Every course of slating and every fifth or third course of tiling as noted in the schedule is to be securely fixed by two stout copper nails to BS 120 Part 2 1974, weighing 630 to the kg. Equal to sample to be submitted to and approved by the Architect. Nails to be a minimum of 30mm for small slates and tiles and of a suitable and adequate agreed length for larger slates. Every course of tiling is to be nailed on roof slopes above 55°.

Haunching

Against raking parapets at gable where there is insufficient upstand for lead cover flashings, the tiling / slating is to be carefully flaunched with lime-gauged mortar fillets weathered onto the tiles and soakers away from stonework. Elsewhere against abutments insert 5lb (Code 5) lead soakers 25mm (1") longer than the tiles / slates and turned up under proper stepped or raking cover flashings as specified.

Secret Gutter

Or, a secret verge gutter formed in code to lead to be minimum 75mm wide and 50mm deep formed with an edge batten - tilting fillet.

Cutting

Tiles and slates are to be accurately cut to rake of roof at valleys, hips and verges. Lay double courses at eaves and verges in water roofed cement and mortar struck off smoothly; the slates / tiles are to be tilted to prevent dripping to run off water and the under cloak slating is to be bedded downwards.

No narrow slates or tiles are to be used at the verges only wide slates or tile and a half.

Ventilation

Ensure that adequate roof void ventilation is provided and maintained.

H75 Stainless steel strip/ sheet coverings/ flashings

To be read with Preliminaries/ General conditions.

TYPES OF STAINLESS STEEL WORK

230 VALLEY GUTTER LINING TO SLATE/ TILE ROOFS
- Underlay: Needle punched nonwoven polyester geotextile .
- Stainless steel:
  - Grade: 1.4401 (316).
  - Finish: Terned.
  - Thickness: 0.40 mm.
- Laying: Preform and lay over and beyond tilting fillets in lengths not exceeding 15 m.
  - Cross joints: Laplock welts.
- Fixing: Fold edges and fix with clips at not more than 450 mm centres. Fold bottom end neatly into eaves gutter.

230A VALLEY GUTTER LINING TO SLATE/ TILE ROOFS
- Underlay: Needle punched nonwoven polyester geotextile .
- Stainless steel:
  - Grade: 1.4401 (316).
  - Finish: Terned.
  - Thickness: 0.40 mm.
- Laying: Preform and lay over and beyond tilting fillets in lengths not exceeding 3m.
  - Cross joints: Drips as shown in detail 02
- Fixing: Fold edges and fix with clips at not more than 450 mm centres. Fold bottom end neatly into eaves gutter.

410 APRON FLASHINGS to head of roof area
- Stainless steel:
  - Grade: 1.4401 (316).
  - Finish: Terned.
  - Thickness: 0.40 mm.
- Dimensions:
  - Lengths: Not more than 2.5 m
  - End to end joints: Sliding covers.
  - Upstand: Not less than 100 mm.
  - Cover to abutment: Not less than 150 mm.
- Fixing: Stainless steel wedges into bed joint, clips to bottom edge at welts and 450 mm centres.

420 COVER FLASHINGS at abutments to flank wall and parapet
- Stainless steel:
  - Grade: 1.4401 (316).
  - Finish: Terned.
  - Thickness: 0.40 mm.
- Dimensions:
  - Lengths: Not more than 2.5 m.
  - End to end joints: Sliding covers.
  - Cover to roofing upstand: Not less than 75 mm.
- Fixing: Stainless steel wedges into bed joint, clips to bottom edge at welts and 450 mm centres.

GENERAL REQUIREMENTS/ PREPARATORY WORK

510 WORKMANSHIP GENERALLY
- Fabrication and fixing: To provide a secure, free draining and weathertight installation.
- Operatives: Trained in the application of stainless steel coverings/ flashings. Submit records of experience on request.
- Preforming: Measure, mark, cut and form stainless steel prior to assembly wherever possible.
- Marking out: Use scribers discreetly for marking out stainless steel. Do not use other sharp instruments.
- Folding: With mechanical or manual presses to give straight, regular and tight bends, leaving panels free from ripples, kinks, buckling and cracks. Use hand tools only for folding details not able to be pressed.
- Avoiding sharp edges: Fold under or remove as work proceeds.
- Sealants: Do not use in joints to attain waterproofing.
- Solder: Use only where specified.
- Finished stainless steel work: Fully supported, adequately fixed to resist wind uplift and able to accommodate thermal movement without distortion or stress.
  - Protection: Prevent staining, discolouration and damage by subsequent works.

520 STAINLESS STEEL STRIP/ SHEET
- Standard: To BS EN 10088-2 and BS EN ISO 9445-1 or -2.
  - Identification: Stamped or labelled with grade, finish and thickness as specified.
- Manufacturer: Submit proposals.
  - Product reference: Submit proposals.

540 SOLDERING/ WELDING
- In situ soldering/ welding: Not permitted

555 LAYOUT
- Setting out of longitudinal and cross joints: Submit proposals.

570 EXISTING METAL RETAINED
- Type/ Location/ Extent: gutter lining and outlet only.
- Cleaning: Remove dirt without damage to metal or adversely affecting other materials.

610 SUITABILITY OF SUBSTRATES
- Condition: Dry and free of dust, debris, grease and other deleterious matter.

620 PREPARATION OF EXISTING TIMBER SUBSTRATES
- Defective boards: Give notice.
- Sound boards: Adjust boards to level and securely fix. Punch in any protruding fasteners and plane or sand to achieve an even surface.
- Moisture content: Not more than 22% at time of covering.

650 LAYING UNDERLAY
- Handling: Prevent tears and punctures.
- Laying: Butt jointed onto a dry substrate.
  - Fixing edges: With stainless steel staples or 20 x 3 mm extra large head clout nails.
  - Do not lay over eaves and drip/ step stainless steel underlaps.
- Protection: Keep dry and cover with stainless steel at the earliest opportunity.

FIXING

710 FIXINGS FOR CLIPS

- Nails to timber substrates: Stainless steel austenitic.
  - Shank type: Annular ringed or helical threaded.
  - Shank diameter: Not less than 2.65 mm.
  - Head: Flat.
  - Length: Not less than 25 mm or equal to substrate thickness
- Screws to concrete/ masonry substrates: Stainless steel (austenitic) to BS 1210, table 4.
  - Diameter: Not less than 3.45 mm.
  - Length: Not less than 25 mm.
  - Washers and plastic plugs: Compatible with screws.
- Screws to composite metal decks: Self-tapping, as recommended by the deck and stainless steel manufacturer.

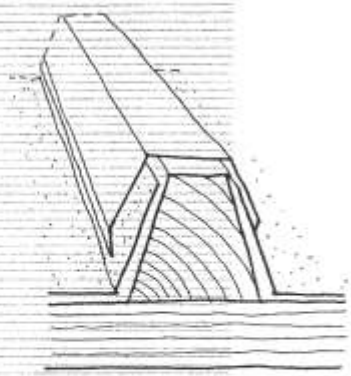
770 WEDGE FIXING INTO JOINTS/ CHASES

- Joint/ Chase: Rake out to a depth of not less than 25 mm.
- Stainless steel covering/ flashing: Fold 25 mm into joint/ chase with a waterstop welted end.
- Fixing: With at least two stainless steel wedges to each piece of stainless steel sheet.
  - Spacing: Wedges at not more than 450 mm centres, and at every change of direction.
- Sealant: 1:3 NHL 3.5 lime: sand mortar.
  - Application: As section Z22.

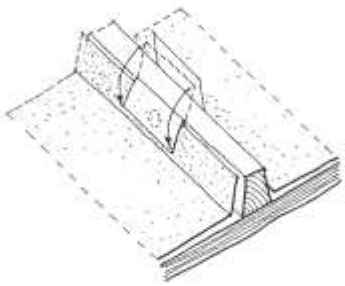
JOINTING

810 FORMING DETAILS

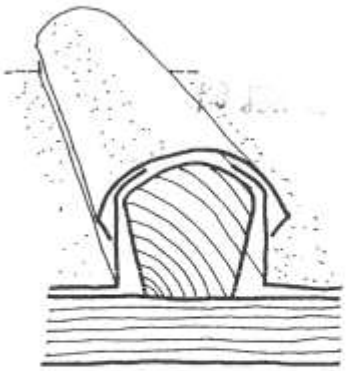
- Folds and welts: Form without thinning, or splitting the strip/ sheet.
- Thermal movement: Form all stainless steel details with appropriate allowance for movement, without impairment of security at full expansion or contraction.



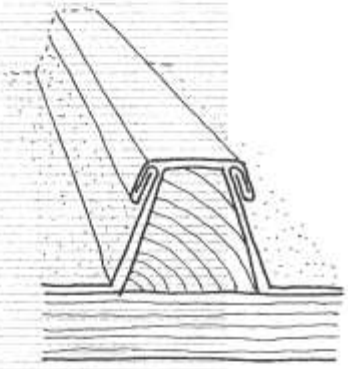
CHAMFERED BATTEN ROLL



BATTEN FIXING CLIP



ROUND BATTEN ROLL



BELGIAN BATTEN ROLL

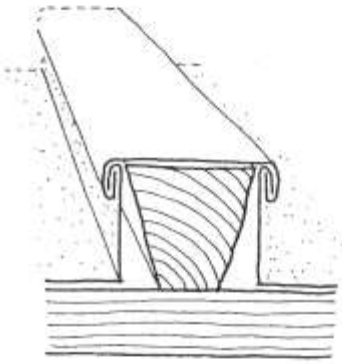
TYPICAL BATTEN SIZES

Roof slope
ex. 50x 50mm (chamfered to 27mm)

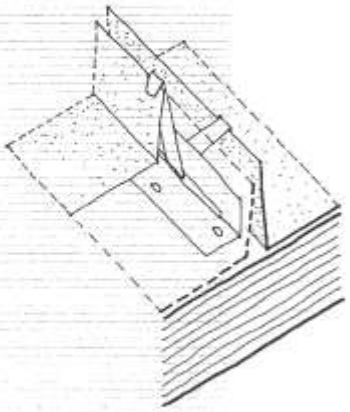
Hip
ex. 60x 60mm (chamfered to 35mm)

Ridge
ex. 75x 75mm (chamfered to 45mm)

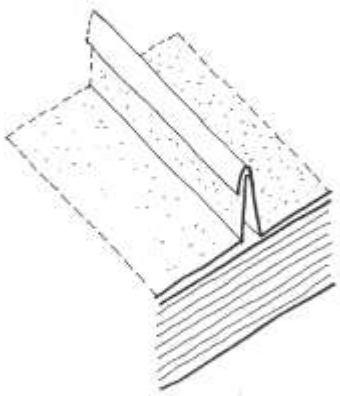
The Chamfered Batten Roll gives a neater finish than the Belgian Roll, especially at ridges and hips.



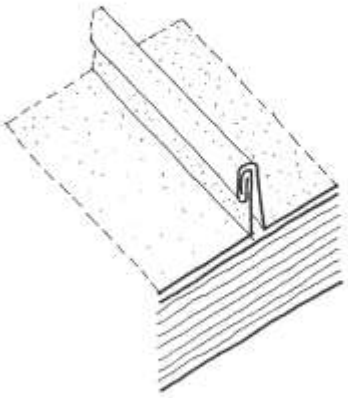
REVERSED
BELGIAN BATTEN ROLL



SLIDING CLEAT CLIPPED TO TRAYS



FIRST FOLD



SECOND FOLD
(Finished height 25mm)

STANDARD SEAM FORMATION

9.0 LEADWORK

Lead

New lead is to be best English milled lead to BS 1178 (1982) or cast lead as specified in the schedule. All to be of an even thickness, texture and free from defects.

Code 5 (5lbs) for flashings, Code 4 (4lbs) for soakers
Code 6 (6lbs) for valleys
Code 7 (7lbs) for gutters and general covers, or as schedule.

Workmanship

All leadwork is to be done by registered Plumber and is to be neatly dressed without injury or undue thinning of the sheets; and carried out in accordance with the Lead Sheet Associations "Guide to Good Practice for Sheet Lead in Buildings" c/o The Lead Sheet Association, Hawkwell Business Centra, Maidstone Road, Pembury, Tunbridge Wells Kent TN2 4AH Tel. 01892 822773 Fax 01892 823003.

Fixings

The lead sheets are to be fixed with copper clout nails with jagged shanks and conforming to BS 1202 : Part 2 table 2, minimum 25mm/10 s.w.g.

Copper clips are to be cut from copper sheet not less than 0.6mm thickness conforming to BS 2870 and temper grade ¼h.

Lead burning is only to be used for making dotts, seams and the like; no soldering is to be used. Both sides of seams are to be 'burnt'.

Underlay

Unless specified to the contrary to be impregnated waterproof building paper to BS 1521 Class A.

Where the existing supporting surface is very uneven and not to be relaid, suitable impregnated felt is to be used e.g. 'Bidim' or Erskine's No. 2 as directed on site or as scheduled.

Valleys

To valley boarding and back gutters as directed, cover with Code 6 (6lbs) lead, dressed to slope of boarding, turned over tilting fillets at each side and carried up under refixed slates or tiles to a distance of at least 150mm measured vertically. The upper end of each sheet is to be secured with two rows of copper nailed, extend side nailing for 300mm from head only.

Vertical Abutments

Against all vertical abutments form 150mm upstands and protect with cover flashing inserted 50mm into walling, new grooves being cut for the purpose where necessary. To be secured with lead wedges at centres, pointed in with gauged mortar and dressed down at least 100mm over upstands. The built-in edge of the leadwork is to be welted over 12mm. Lengths are to be maximum 1650mm and lapped 230mm.

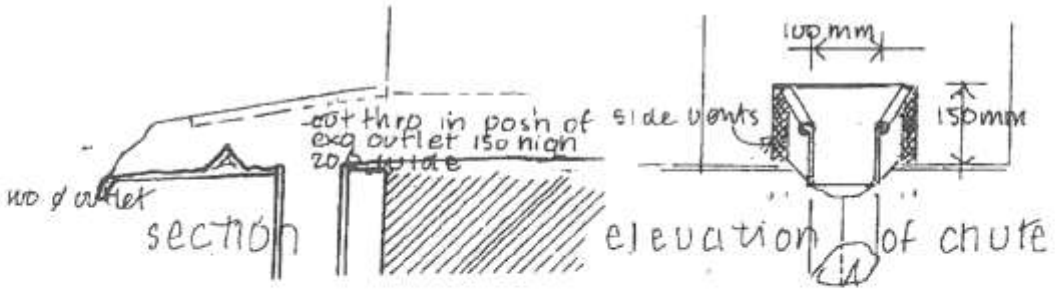
General Slopes and Valley Gutters

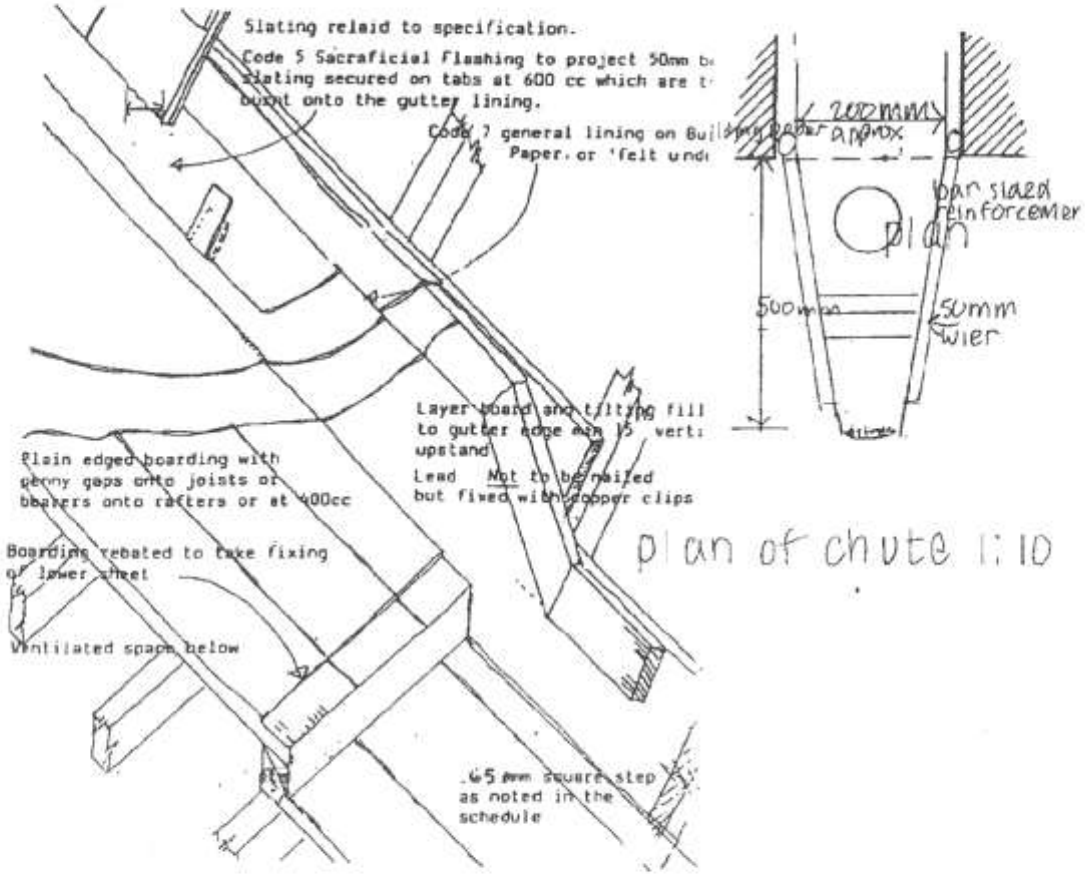
As indicated cover with code 7 (7lbs) lead laid on underlay as specified, and to be secured with copper nails to the timber. The lead is to be laid with hollow or batten rolls at maximum 600mm centres or where the sheets are of greater length than usual 500mm centres, as scheduled and noted or on the drawings and to Architect's direction on site.

Sheets are to be fixed at the upper level with copper clout nails in two staggered rows at 75mm centres and dressed 150mm under the sheet or flashing above measured up the slope from the edge of the drip; the boarding is to be rebated for lead thickness. The edges of the sheets are to be fixed with lead or copper clips and turned in to the rolls. There is to be no general side nailing.

Secret Gutter

Secret gutters against abutments are to be avoided. Where specially scheduled are to be formed of 6lbs (BS 6) lead copper nailed to roof boarding under the last slate dressed over a tiling filled and into the slating or tiling across the gutter then turned up and protected as described above with a cover flashing.





Our Ref: GDH/JD/8066

31st October 2022

Mike Lightfoot, oaktreecottage@talktalk.net

Dear Mike,

TILSTONE FEARNALL, St. JUDE; REPAIRS

Following your advice that more substantial grants are to be sought I have extended the scope of work to include the general repointing, internal plastering & consequential decorating.

The gutter renewals have exercised my thoughts and I now propose to renew with stainless steel sheet troughs, built into the existing cornices and fitted with 'safe' overflow chutes.

The existing cast-iron gutters are corroded and must have a limited life; also, if they become blocked, water will overflow both sides into the cornice and soak the wall – which is happening at the moment.

An upstand – trough – cornice gutter formed with a continuous folded sheet would prevent this; and with a lining to give 1:80 falls would help avoid debris settling.

Granters are likely to require a conservation approach hence I have retained/repaired/resecured the lead pipe & hoppers 'as existing.

This work may require a faculty as the gutters are altered, you may wish to put an application in-hand as some organisations require 'permission'. Statements of significance and need would be required to accompany an application.

Yours sincerely,

Graham Holland

Att'd
spec.
dwgs. 1 - 6

Reply to: info@grahamhollandassociates.co.uk

Tilstone Fearnall St Jude – Various works

Attachments are listed according to the numbering on the supporting documents list

- Attachments in blue are included within the proposals section
- *Attachments in black italics are superseded and not included within the application*

Date	Message
27/04/2022 To: Caroline Hilton From: Mike Lightfoot **With attachment**	Thank you so much for your time and advice this morning, I have attached a list of jobs I think need attention As discussed I have a chap coming Tuesday of next week to start moving the earth at the rear of the Church yard if you think this will be a problem let me know before then and I will stop him. If you could let me have a copy of the QI report and contact details for the chap that wrote it I will get in touch with him and start the ball rolling, also when you can if you could get me a copy of the deeds In order to define our property I would appreciate it. *List of maintenance requirements*
28/04/2022 To: Mike Lightfoot From: Caroline Hilton **With attachment**	It was good to meet you yesterday and discuss the various proposed works to the church, churchyard and church hall. Thank you for sending your job list. As discussed please see Graham Holland's 2019 quinquennial inspection report attached. You will see it describes the condition of each element of the church in turn, and then Section 7. *Recommended Action on Repairs and Maintenance* lists the recommended repair/maintenance works according to priority – 'urgent', 'within 18 months', 'within quinquennium', and 'eventually'. The report is intended as a helpful tool to assist the parish in planning their repair and maintenance. As discussed, for the fabric repairs to the building you will need to obtain architect specification/drawings for the works proposals.. Here is a summary of actions and necessary permissions for the proposed works that we discussed: ~~**Proposed extension of churchyard into adjoining field**~~ ~~I have spoken with the diocesan Registrar and she will obtain the deeds and look at this to confirm the ownership of the field. We'll therefore get back to you regarding the deeds in due course.~~ ~~As discussed, extending the churchyard for further burials would require faculty permission and local authority planning permission. The land would also need to be consecrated if it hasn't been consecrated already.~~

	~~**Removal of piled up earth (from grave digging) by person with digger**~~ ~~On the understanding that this work is simply the removal of the mounds of earth that have built up over time, and will not cause any disturbance to graves or excavating down – this can be considered as maintenance and will not need any diocesan permission. As we discussed, care will be needed in particular not to damage the gravestone that we observed as being partially buried under the piled up earth, and I assume it will be a small digger that is used for the work.~~ **Reinstatement/repair of broken pinnacle at SW corner** A like for like repair of the pinnacle would require List B permission, granted by the Archdeacon. An architect specification/drawing for the repair would need to be provided as supporting information for the List B application. **Roof repairs, gutter repair** Like for like repairs could most probably be authorised by the Archdeacon under List B. As for the pinnacle repair, architect specification would be required as supporting information. **High level damp plaster in church / flaking, disintegrating plaster around windows** (likely caused respectively by water ingress from roof and condensation) Any necessary replastering would require List B permission. Areas of work and specification of plaster would be required as supporting documentation. ~~**Cleaning of altar frontal**~~ ~~This can be authorised by the Archdeacon under List B. Details of the conservators quotation/proposal for the cleaning would need to be provided.~~ ~~**Repair of church silver**~~ ~~The repair and maintenance of church plate (including candlesticks and crosses) not of historic or artistic interest, can be authorised by the Archdeacon under List B.~~ ~~**Replacement of noticeboard**~~ ~~The repair, repainting or **like for like** replacement of a noticeboard can be carried out under List A (not needing permission), on condition that~~ ~~*The wording on the board is not changed except for the purpose of updating existing information that is included on the board*~~ ~~*In the case of replacement—*~~ ~~*• the Town and Country Planning (Control of Advertisement) Regulations 2007 are complied with,*~~ ~~*• the replacement noticeboard is not illuminated, and*~~ ~~*• any new disturbance below ground level is kept to a minimum*~~

	~~**However, If the replacement noticeboard is not going to be like-for-like or if the existing noticeboard is to be altered then this will need Archdeacon's authorisation under List B.**~~ ~~**Maintenance work to churchyard gate**~~ ~~This is something that is within List A – ie not requiring diocesan permission. (Work carried out under List A should still be recorded on the Online Faculty System).~~ ~~**Church hall: replacement of kitchen and repair works to address damp issue**~~ ~~This can be carried out under List A: *Works of maintenance and repair to the building and the replacement of fittings in the building*~~ **Submitting applications for faculty or List B** Applications for faculty or List B (and recording of List A works) are all submitted via the Online Faculty System, and you will need to register to use it, please see the registration page visa this link: Register - Online Faculty System (churchofengland.org) . Once you have registered we will need to authorise your registration which we can carry out very quickly so that you can then sign in to use the system. (If in due course you need any assistance with using the system please do feel free to contact us and we'll be happy to help.) I hope this is of some initial help. If you have any queries at all please do let me know. *2019 Quinquennial inspection report*
28/04/2022 To: Caroline Hilton From: Mike Lightfoot	Many thanks, I will register on the system probably early next week, at that time I will also contact Graham as suggested,
28/04/2022 To: Mike Lightfoot From: Caroline Hilton	I meant to include in my email the details of the Listed Places of Worship Grant Scheme (VAT reclaim scheme), please see the link below: • **The Listed Places of Worship Grant Scheme** (VAT reclaim scheme). This government grant scheme makes grants towards the VAT incurred in making repairs and some improvements to listed buildings mainly used for public worship. (Also for reference, here is the link to the diocesan webpage on fundraising which includes links to lists of grants for various types of works: Finding grants - Diocese of Chester (anglican.org)).
08/12/2022 To: Caroline Hilton From: Mike Lightfoot	I am (as you no doubt have seen) preparing an application for a faculty So that we can make a start applying for grants etc I am struggling a bit as I cant find the button to upload the QI and I cant Find how to update the proposers page

08/12/2022 To: Mike Lightfoot From: Caroline Hilton	Sorry I missed your call earlier. I can see the faculty application you have been working on showing as 'Proposal in preparation' on the Online Faculty System and when I go into it I can see you have uploaded a number of documents and have started to fill in the Petition Details form. Don't worry about uploading the QI, as we will already have that on file. Before you go any further with this we'll have a check through the works details and drawings that you have uploaded, as it may well be that the works require List B permission (granted by the Archdeacon), rather than full faculty permission which is what you have started an application for. If the work definitely does need List B permission we can offer practical assistance with changing the application to a List B application. I'll get back to you on this as soon as I've properly looked through the details you've uploaded.
08/12/2022 To: Caroline Hilton From: Mike Lightfoot	Thank you, I thought full faculty as Graham is proposing a change in the guttering material, of course this wont be seen so iwill as always take your advice
08/12/2022 To: Mike Lightfoot From: Caroline Hilton	Aah, in that case, yes full faculty then. I need to take a look through all the works details in any case and will get back to you.
13/12/2022 To: Mike Lightfoot From: Caroline Hilton	Further to our messages below, I'm writing to let you know that the faculty application is on the agenda for this Friday's DAC meeting and we'll be in contact with you following the meeting to let you know the feedback of the DAC. In the meantime, if you need to update the petitioners details on the Petition form you need to click the pencil and pad icon for it and that will take you back into the form so you can edit it.
21/12/2022 To: Mike Lightfoot From: Caroline Hilton	I am writing to let you know that the DAC considered the above proposals at its meeting of 16 December 2022 and resolved to recommend the scheme, with following proviso: 1. The works to be under the direction and subject to the inspection of the Church Architect I am aware you have started a faculty application on the Online Faculty System, we'll look at this to help you complete it for submission which will then mean I can raise the Notification of Advice (which will in turn

	allow you to move on to the public notice period). I will let you know when I have carried this out.

Minutes of St Jude's Pcc 4th November 2021

Present: - Rev Tim Hayward, Martin Philips, Elizabeth Marren, Ann Badrock, Brigid Sayce, Ian Mullock, Mike Lightfoot, Heather Lightfoot.

Apologies: - Hamilton Smith, Ann Posnett, Richard Brookes, Rev Claire Wilson.

Rev Tim opened the meeting with a prayer.

Minutes from previous meeting agreed as a true record.

Treasurers Report: -

Martin presented the financial report, work in connection with damp in the church had been completed. The boiler has been serviced. The harvest supper was a success and raised £472.70.

The ride on mower was discussed and Martin suggested that a safer and more reliable mower was needed. Brigid proposed and Elizabeth seconded that a suitable mower be purchased. Ian suggested that the door at the back of the church hall would need widening to accommodate a new mower.

Thanks to Martin for his continuing work.

Ministry:

Fruits of the spirits theme now finished. All saints service this Sunday, All souls service at St Boniface this Sunday 7th November at 4pm. Ann Badrock to organise a bugler for Remembrance service on Sunday 14th November.

Alpraham memorial stone to be placed by the Altar for remembrance service. Elizabeth to contact Alpraham Parish Council Chairman re the memorial stone.

Advent is on 28th November, Christingle is on 5th December.

Carol Service to be held on 12th December at 4pm, Heather to contact the link and Parish Newsletter editors.

Christmas service communion at 9.30 on Christmas day, decided that there would be no service on Sunday 26th. Discussed holy communion to be guided by the diocese.

Health and Safety:

Still encouraging congregation to use facemasks.

Need to find a new area for cremation graves.

Maintenance:

Repairs to the church roof and church hall have been completed, church hall still leaking, Mike to contact A&M property maintenance to re visit and investigate.

Church Wardens Report:

Church Information Board at the front of Church needs repairing. Ian and Mike to do, Ian has a contact to do new signage.

Septic Tank needs looking at, Rev Tim to talk to contact at St Boniface.

Stone Mason to be contacted by Mike.

War Graves Commission, discussed the possibility of having a plaque on the front gates this was Proposed by Martin, Seconded by Mike and agreed unanimously. Mike to progress.

A.O.B

Defra have a consultation paper regarding groundwater activities and related surface water discharge activities which may have an impact on cemeteries. St Jude's should be exempt.

Christmas trees will be ready for 1st weekend in December, Rev Tim to organise. Agreed to have a tree for anyone who has lost a loved one to place a bauble on, in particular in memory of Jenny Brookes.

Burial Records have been digitised.

Date of next meeting mid-January to be confirmed.

Minutes by Heather Lightfoot.