ROCHESTER CATHEDRAL

1540 - 1983

A record of maintenance, repair, alteration, restoration, decoration, furnishing and survey of the fabric

collated and edited by
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Arranged in three sections:
I: Topics
II: Chronological
III: Illustrations

For details of Sources, see Section I, volume 1

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Section II: Chronological

Volume 3

1900 - 1983

1 9 0 0

HIGH ALTAR Hodgson Fowler 19 July 1900 DRc/Emf/70/5
Designs for alteration to High Altar, 5% on cost. Farmer & Brindley £67

COBB MEMORIAL WINDOW 24 April 1900 DRc/Ac/19
Hodgson Fowler considered design of stonework be altered same time as glass inserted.

CLOCK 23 June 1900 DRc/Ac/19
Painting work to be done to faces

ARCHIVES 23 June 1900 DRc/Ac/19
Documents recording work done by Gilbert Scott's Clerk of Works J.T. Irvine FSA (Scot) were offered by his son to Cathedral library in accordance with his late father's wishes; gratefully accepted. Received 2 August 1900 also some which were in custody of St.J. Hope.

CITY REGALIA STAND 23 June 1900 DRc/Ac/19
Town Clerk requested consent to place a stand for City Regalia on pavement immediately to left of Mayor's seat in Choir; to be made of carved oak and only to be placed in position prior to service which Corporation attends. Design enclosed. Approval and consent granted.

COBB MEMORIAL WINDOW 23 June 1900 DRc/Ac/19
Mr. Hodgson Fowler notified Chapter, work on Memorial window in progress, decided with Dean to leave stonework without alteration.

1 9 0 1

DEATH QUEEN VICTORIA 25 January 1901 DRc/Ac/20
Address on Accession Edward VII

ORGAN 26 July 1901 DRc/Ac/20
Valve connecting water to hydraulic blowing apparatus given way - considerable escape of water - local plumber not Messrs. Bishop repaired previously. Bishops to report extent of responsibility. Letter from Bishops accepting liability for all new work; had examined pipes above ground - opinion safe - costly to replace; will maintain old work without responsibility.

FOUNDER'S TOMB 7 October 1901 DRc/Ac/20
Gratefully accept offer to complete restoration by Mr. Marsham
13 October 1901 DRc/Emf/145
From Rev. C.D.B. Marsham, Harrietsham Rectory: Understand that Walter de Merton's tomb was not completed when other parts of Cathedral were restored...offer sum of £50 to carry out what is neccesary. Letter of 28 August: 'in remembrance of our Father, once Recorder of Rochester and for fifty four years Warden of Merton College..'.

25 November 1901 DRc/Ac/20
Chapter Clerk reported had asked Mr. Marsham for a design, who had declined; Mr. Hodgson Fowler approached and agreed to inspect in December.

Hodgson Fowler 16 December 1901 DRc/Emf/145
Examined with view to 'complete restoration'. Restoration does not clearly express what is wanted, which is rather improvement. The monument originally consisted of the existing canopy and under it a full length effigy of the Bishop. This being destroyed or greatly mutilated at the time of the Reformation, it was removed in Queen Elizabeth's reign and a new effigy of alabaster substituted. This is in many ways a fine figure but as might be expected from the time when carved, inaccurate in costume. For this reason, when last renovated in 1849, the effigy (and the railings of same date) was removed to the recess to the W. of the Monument and an entirely new slab, with a carved cross having no authority whatever was put in its place, and new iron railing of supposed thirteenth century design took the place of the more massive Elizabethan ones.

Question is whether Elizabethan effigy, with its railing should be replaced in the position it was made for, or should the whole be left as is? I feel without doubt modern slab should be taken away and effigy replaced under canopy. Granted figure archaeologically incorrect but interesting work, and think carver had remains of original monument and tried to perpetuate the likeness of the Bishop. Besides it is interesting history that such a restoration was made then; makes another reason for replacing the figure.

The Elizabethan effigy is said to have been placed on some sort of altar tomb under the canopy and the two small panels at the head and feet are said to be part of it; think not advisable to attempt any reproduction of this altar tomb but would lay the figure on a simple plinth so that would be the same height as existing cross.
The contemporary railing ought also to be refixed - only £25, but ought replace present very poor and sickly looking glass in two windows at back of the monument with some good glass; might have a single figure in each light with the coats of arms now in the windows also introduced. The four Latin doctors or four early Bishops would form good subjects. Cost £60.

1 9 0 2

FOUNDER'S TOMB 17 February 1902 DRc/Ac/20
Mr. Hodgson Fowler's report suggested that (a) figure should be replaced by simple plinth with contemporary railing costing about £25 (b) replacing present stained glass in the two windows at back of monument with some good glass with single figure in each light, and coats of arms now in windows also to be introduced about £60. Report to go to Mr. Marsham.

Rev. Marsham 24 February 1902 DRc/Emf/145
Should be against putting new glass near the tomb and I should let the effigy remain where it now is. Anything necessary for its support and protection being done for it and put in proper repair..of course I do not wish to oppose the views of Dean and Chapter..but I cannot provide more than the £50 which I have

offered. 28 March: shall be quite ready to agree to whatever Dean and Chapter think best to be done...and although cost seems less than my brother and I offered, we shall be ready to give the £50

24 March 1902 DRc/Ac/20

Chapter Clerk instructed to write to Mr. Marsham to explain that Mr. Hodgson Fowler recommended that the effigy which at present was not on the tomb should be placed there, Church willing to allow glass to remain, estimate cost £25.

Hodgson Fowler 4 April 1902 DRc/Emf/145

I should think Messrs. West would be best people to do the work as very small matter and nothing difficult with it. I am sorry that the old glass has to remain as it is not only very ugly but in a very bad state.

CLOCK Message from clockwinder 10 April 1902 DRc/Emf/143

...Cathedral clock greatly in need of repairs - stopped on several occasions...it is now twenty one years since I cleaned it and requires re-cleaning very badly; the striking and chimeing rods...are all worn out besides the bearing of the dial works and pulleys. It has again refused to strike today. H. Bexfield.

CLOCK 9 May 1902 DRc/Emf/143

W.J. Parks, 17, High St. Rocheser. Estimate for repairs and cleaning, plus painting, enamelling and gilding: £20.

FOUNDER'S TOMB Hodgson Fowler 19 June 1902 DRc/Emf/145

West Bros. wrote to me that they had removed the effigy as directed, but were unable to fix the railing as I had proposed. Without seeing me about it on the spot, they fixed it safely in a temporary manner.

ORGAN Restoration Committee set up 2 October 1902 DRc/Ac/20

KENT SOLDIERS' MEMORIAL 15 December 1902 DRc/Ac/20

Permission given for brass to be erected for Soldiers of Kent in late war. Hodgson Fowler to select site; (design by Earl Stanhope approved later subject to modifications suggested by Fowler)

1 9 0 3

TELEPHONE 16 January 1903 DRc/Ac/20

Request from National Telephone Co. for permission to fix an Electophone transmitter in the Cathedral. Chapter could not accede to this request.

LIGHTNING CONDUCTOR 16 January 1903 DRc/Ac/20

Necessary costs to be arranged with Royal Engineers.

ORGAN 29 January 1903 DRc/Ac/20

Proposals considered; Mr. Hodgson Fowler to advise.

6 March 1903 DRc/Ac/20

Mr. Hodgson Fowler's plans considered. Estimates to be obtained.

WALTER DE MERTON TOMB February 1903 DRc/FTv/233
West Bros.: To taking away railings, removing ledges, removing and refixing Body Stone, working and fixing paving under same, shoring, strutting, making good, lengthening top and bottom railings, altering and making up bars of railing £19.10s.

ARCHITECT 5 March 1903 DRc/FTv/233
C. Hodgson Fowler: to report on Walter de Merton monument, specification for builders, journies to inspect work in progress and completion £5.5s.

FOUNDER'S TOMB 9 April 1903 DRc/Ac/20
Cheque £25.15s. received Rev. Marsham for completion of restoration; request agreed that be placed on record that completed in memory of Robert Bullock Marsham DCL, 54 years Warden, Merton College.

ORGAN 23 June 1903 DRc/Ac/20
Contract with Bishops to be terminated; replaced by Walker & Sons.

CLOCK 2 July 1903 DRc/Emf/143
W.J.Parks. Painting clockfaces to commence.

FOORD BEQUEST 23 July 1903 DRc/Ac/20
Chapter received with gratitude munificent gift of £5000 from Thomas Hellyer Foord towards restoration of Cathedral. Allocated two stalls in Choir for his or nominees use.

FIRE FIGHTING APPLIANCES 23 July 1903 DRc/Ac/20
Rochester Fire Brigade reported 'dreadful condition appliances and gear found - considered little use; fireman should be paid to service the gear'.

LIBRARY Prints 23 July 1903 DRc/Ac/20
Prints given to Chapter by Mr. Payne to be preserved by Official Mounter at British Museum.

ORGAN 29 July 1903 DRc/Ac/20
500 guineas offered towards repair by Mr. Foord; further £1000 subscribed.

SPIRE Hodgson Fowler 18 August 1903 DRc/Emf/144
...will think over Mr. Foord's suggestion of steel rolled joists etc. and will consider if they will help us. But it is not lateral pressure that is any difficulty but dead weight. Cottingham's tower has stood very well and therefore if I keep to the same weight, or close on it, there should be no danger of crushing the four main piers which carry the Tower, but to increase the weight might affect them, as they do not appear to be specially well built, being cased with Caen stone with - I suppose - a core of rubble. This necessity of keeping the weight of the Tower and Spire about the same as the present Tower will of course prevent any additional height to the Tower shewn in my sketch, but the spire shewn is 6' higher than that of Hamo de Hythe's, being 160'

Mr. Cottingham raised the Tower, and as the weight of proposed new work will be less than the present work, there can be no danger in raising the Spire.

TOWER weights 5 October 1903 DRc/Emf/144
from G.R. Boreham, Surveyor, 24, John Street, Sunderland to Architect.
Herewith estimate of cost and statements of weights of present Tower and of what you propose The drawings of your last design have enabled me to make a better calculation of the weight and the present and proposed work is measured above the roof lines of the Nave, Choir and Transepts on the assumption that the work below will not be meddled with and the statement of weights shews it to be unnecessary.
Cost: Have been extremely anxious to be on safe side and think have considered all exceptional circumstances likely to increase cost over ordinary work. The prices of stone in the schedules average about 11/-d per ft. cube, but since they were moneyed out, information came from builders at Wellingboro' which led me to modify and have deducted at end of bill 15% - to 1/6d per ft.....confident 9/6d average... The steel spire as proposed has the boarding covered with Uralite, and I send two samples. It is fire proof, and protects from heat in summer and cold in winter. It is made at Higham near Rochester and can be seen on the roofs of the works where it is used instead of slating.

Tower with deal spire covered with lead (original design £4,200) £6,100
Tower with steel spire covered with lead on Uralite £6,270
Tower with oak spire covered with lead on Uralite £6.600

Estimate of weights
1903 design in redwood 264 tons 16 cwts.
" " oak 257 " 2 "
" " steel 265 " 6 "
all would bear reduction of 20 tons due to wind pressure.

TOWER 12 October 1903 DRc/Ac/20
Dean produced plan for proposed Tower and Spire prepared by Mr. Hodgson Fowler; Chapter agreed - to be forwarded to Mr. Foord with estimate.

FIRE FIGHTING APPLIANCES 12 October 1903 DRc/AC/20
Chapter Clerk reported new canvas hose purchase; periodical inspection of equipment arranged fee £4 p.a.

FOORD BEQUEST 29 October 1903 DRc/Ac/20
Special Chapter Meeting: Dean had suggested to Mr. Foord that his donation be expended on erection new tower to design Mr. Hodgson Fowler; Mr. Foord approved, offered to defray any additional expense.

from the Nave floor, while his is said to have been 154'. I think I will be able to raise the Spire still another 10'...Cottingham did not pull down all the old work and entirely rebuild, but only faced the lower stage of the Tower, leaving the walls only 2'9" thick. I hope in our new facing to add a little to this.

TOWER AND SPIRE Hodgson Fowler 8 October 1903 DRc/Emf/144
I am sending :
1) A perspective of the Tower and Spire
2) Plans, elevations and sections, ¼" scale
3. Report and estimate
4) Summary of cost estimate prepared by my Quantity Surveyor
5) Letter from my Surveyor

TOWER drawing undated DRc/Emf/144
Section through central Tower looking E, showing 'timber framework to carry the bells, so as to get weight low down, all apparently of fifteenth century' and stonework. Coloured pencil and wash on tracing. Good condition.

TOWER & SPIRE Hodgson Fowler 8 October 1903 DRc/emf/144
Send herewith revised design for reconstruction of Central Tower with proposed spire. Previous design of 1898 was made somewhat severely simple in order to keep cost as low as possible, but revised design, while keeping to the same general features is improved and somewhat more costly.

All the old engravings of the Cathedral show an arcade round the lower storey of the Tower, and although they all vary in detail, mostly innacurately drawn, yet they show fairly well the general character of the work; this seems to have been Early English of same date as E. arch of Tower over present organ, and agrees with the lancet windows still remaining in three sides of Tower behind the oak framing that supports the bell chamber floor. Have therefore shown E.E. arcade with trefoil headed arches as indicated in one of clearest of the engravings. Belfry stage much as first designed but with extra richness in the window mouldings and carvings of cornice etc. Coats of arms rough indications only. The stone I propose using is Weldon - same as used in restoration of W. Front by Mr. Pearson.

Spire is made 11' higher than first design and would be nearly 20' higher than that of Hamo de Hythe, covered with lead as before, framing of deal like Choir and Transepts. Always danger of fire in wooden spire...have therefore obtained drawing and price for a spire framed in steel and with its boarding covered in 'Uralite' - a fire proof material made at Higham, Steel spire would also have advantage of being so thoroughly braced together it would be a dead weight on the walls; disadvantage - steel framing ought to be kept painted to protect from rust.

Mr. Savage's report of 1826 of exactly what was done to the Tower and his examination of piers extremely helpful...it shows clearly that there has been no movement or settlement in the piers since

MASONRY repairs November 1903 DRc/FTv/233
West. Bros. Mason's time fixing new stone at entrance Choir, Portland 3'3"x3'3"x3", 1'9"x8"x8"
Repairing broken piece base to pillar N. Aisle Nave cement and sand

TOWER 25 November 1903 DRc/Ac/20
Mr. Foord had fully approved designs; undertaken to pay full amount; Mr. Hodgson Fowler advertising for tenders for completion of work; open space adjoining High Street to be used as builders yard during work; Corporation to be approached for sanction.

CHAPTER ROOM Fire fighting gear 25 November 1903 DRc/Ac/20
Fire Service recommended hose be provided connect with water working hydraulic blowing engine ...

TOWER 1 December 1903 DRc/Emf/71/10
List of builders to see plans of Tower view to tendering.

TOWER tenders 14 December 1903 DRc/Emf/144
List of tenders opened. S.F. Halliday £5,292, lowest of ten.
Hodgson Fowler 16 December 1903 DRc/Emf/144
...the Tenders well within limit; Mr. Foord (benefactor) accepts the lowest; W. Halliday of Stamford, a very good builder who, I feel will carry out the work well..

TOWER 17 December 1903 DRc/Ac/20
Letter read from S.P.A.B. 'opinion of Society..risky proceeding to re-weight ancient arches of wide span'. Letter to be forwarded to Mr. Fowler.

BILLS PAID DRc/Ac/20
Paid W. Clay for mounting 28 Kentish prints and plans £4.19.6d.
West Bros. for fixing new stone at entrance Choir and N. Aisle of Nave £2.12.6d.

1 9 0 4

TOWER contract Chapter Clerk 4 January 1904 DRc/Emf/144
...best that Dean and Chapter alone should be participants to the Contract and Mr. Foord's name should not appear. We already have his £5,000 and we may rely on him for the balance in accordance with his undertaking...

TOWER contract 7 January 1904 DRc/Emf/71/12
Agreement between Dean & Chapter and Builder - S.F. Halliday of Stamford, for £5292; all works to be under direction of Hodgson Fowler; to be completed by 7 December 1904 or forfeit £5 per week thereafter...
Thomas Foord 11 January 1904 DRc/Emf/71/13
of Botley Grange - I hereby agree to pay the expense of the erection of a new Tower.

NEW SPIRE 14 January 1904 DRc/Ac/20
Work began

CHOIR 1 February 1904 DRc/Ac/20
Mr. Hodgson Fowler presented ventilation scheme; specification and estimate requested.

BUILDER'S YARD 1 February 1904 DRc/Ac/20
Space for builder's yard altered to S.W. Cathedral following complaints from tenants of Deanery Gate .

ORGAN 2 March 1904 DRc/Ac/20
Estimate for restoration from Walkers be accepted £1594.10s., and £75 for alteration organ case

CHOIR ventilation 18 March 1904 DRc/Ac/21
Letter from Hodgson Fowler: estimate from White & Sons, 207 Oxford St. £9. 5s. Estimate accepted.

CLOCK and BELLS 18 March 1904 DRc/Ac/21
Offer received from T.H. Foord to repair clock and bells, add new bells to make Cambridge chimes possible; if accepted to entrust to Thwaites & Reed. Gratefully accepted. Sketch of position dials by Hodgson Fowler presented; he to discuss with Mr. Foord.

ORGAN 18 March 1904 DRc/Ac/21
Report received from Walkins & Watson makers of engine supply pipe: inadequate wind supply due to supply pipe being too small to deliver sufficient water to engines. Agreed inspection by them to advise.

BISHOP'S THRONE 18 March 1904 DRc/Ac/21
Letter from Dean St. Albans: Bishop's Throne formerly at Rochester, lent by late Dean Scott in 1877 for enthronement of 1st Bishop of St. Albans, no longer required as new about to be erected. Chapter obliged but would prefer it should remain at his disposal.

BELLS Church Bell Foundry 21 March 1904 DRc/Emf/143
Inspected bells, fittings and framework, and found:

Tenor	1834	Founder Mears.	approx. weight 28 cwt
5th	1683	C. Hodgson	20 cwt
4th	1712	J. Bagley	15 cwt
3rd	1635	J. Milman	11 cwt
2nd	blank	blank	7½ cwt
Treble	1770	Pack and Chapman	7½ cwt

Very much out of tune, quality of tone varies considerably. 2nd bell very poor should be re-cast with addition of about 2½ cwt. new metal. Would improve character of peal to re-cast treble and 3rd, adding 1 cwt. to former and 2 cwt. to latter to make equal quality to larger bells.
New steel gudgeons or pivots should be fitted, new gun metal bearings and clappers, etc.

Frame (dated 1731) though old appears to be fairly sound and is capable of carrying 2 extra bells to complete octave, and if all joints were made secure with angle plates and long verticals put

through entire depth ..prove serviceable many years. Stands however upon trusswork of much older date...constructed out of an older frame which this replaced, judging by the disused mortices in the timbers. Stability of frame therefore dependent upon old trusswork upon which it stands and unless they can be made sufficiently rigid it would be cheaper in long run to erect entirely new framework on massive steel girders.

CLOCK Foord 15 May 1904 DRc/Emf/143
...subject to your approval should like to have the clock faces glazed with pure white opal, the figures and minutes painted cobalt blue and varnished, etc. etc.

Clock Manufactory 16 May 1904 DRc/Emf/143
Examined clock...was made by this firm in 1821 and it Ding Dongs the Quarters on 2 of the present bells and strikes the hours on the tenor. In very fair condition...not need great repair...

Mears & Stainbank to Foord 16 May 1904 DRc/Emf/143
To clean clock, put into good repair, alter Quarter beam to chime Cambridge quarters on either existing 6 or 8 bells, supply 2 new hammer works all necessary cranks, one new set of dial works for the additional dial, make 3 new pairs of copper hands, 3 new steel wire lines, supply 3 6' skeleton C.I. dials painted one coat, 2 pairs bevel wheels with points and connections to connect 3rd dial..fix all £80.

Two smaller bells £91.9.4d
2 sets ringing fittings £19.10.0d
Additional partitions centre of framework with diagonal braces £32.00.0

Mears to Foord 18 May 1904 DRc/Emf/143
Thank you for order to repair and alter Cathedral clock to play Cambridge chimes on existing peal 6 bells; old copper dials only worth price of old metal and hands could not be used again .

BELLS Hodgson Fowler to Foord 21 May 1904 DRc/Emf/143
Gratefully accept your kind offer to put into Tower two additional bells so as to make eight in all, and to render possible the adoption of the Cambridge chimes - also to adapt the mechanism of the clock for this purpose; whole work to be done by Thwaites & Reed of Clerkenwell.

Amended estimate Mears 25 May 1904 DRc/Emf/143

Taking down bells	£24
Re-casting 2nd (less old metal)	£32
Re-casting treble and 3rd bells	£58
Providing 6 sets new steel gudgeons	£38
Strengthening framework	£76

Chapter Clerk to Foord 27 May 1904 DRc/Emf/143
...as however the Clockmaker's report seems to favour retention of six bells without addition, we certainly cannot press so generous a benefactor as you are to incur more expense than is necessary...

CLOCK 1 June 1904 DRc/Emf/143
Thwaite & Reed, 11 Bowling Green Lane, Clerkenwell..We shall not proceed until we hear from Chapter.

BELLS Dean to Chapter Clerk 14 June 1904 DRc/Emf/143
...Mr. Foord's generous offer to still give us 2 additional bells when they are not actually required for the chimes..I may say...that although I am a Cambridge man I have no overwhelming desire to have the Cambridge chimes at Rochester. If I am spared to hear them I shall be glad, as they have for me the association of a good many years..I lived in Cambridge ten years..but our old Rochester ding dong has now the association of 20 years. Received a letter from Secretary of Bellringers Association suggesting something distinctive and less hackneyed than Cambridge or Westminster chimes..as done at Canterbury.

PLASTERWORK 15 June 1904 DRc/FTv/233
S.F. Halliday: hacking off loose plastering inside Cathedral which was unsafe in consequence wet getting in thro roof and walls, from long ladders £2.2s.6d.

BELLS 23 June 1904 DRc/Emf/143
Chapter decided that prepared to pay expense of putting present 6 bells in proper order and accept Mr. Foord's offer of 2 new bells.

TOWER 23 June 1904 DRc/Ac/21
Reported £2000 paid to Mr. Halliday, contractor, on account, for eretion Cathedral Tower; certified by Mr. Hodgson Fowler.

ORGAN 23 June 1904 Drc/Ac/21
Organ Rest. Committee paid £887. Resolved to ask Mr. Foord for £525 promised by him; that demolition of organ commence in August when Cathedral be temporarily closed.

BELLS Foord 4 July 1904 DRc/Emf/143
...first thing to be done relates to stability of old trusswork upon which frame stands (see Mear's Report)...well to have Mr. Hodgson Fowler's opinion. Proposed additional weight on present trusswork:
2 new bells 14 cwt.
Recasting 3 old bells add 5½ cwt. Total 19½ cwt.

CLOCK Foord 4 July 1904 DRc/Emf/143
Clock face ...desirous that clock faces should be glazed with white opal as the Houses of Parliament but Mr. Fowler wishes opal of sage green if he can get the tint he wants...so as not to appear a cantankerous sort of fellow I gave way - still think white best.

BELLS 27 July 1904 DRc/Ac/21
Mearns had been instructed to set existing 6 bells in order to estimate £229; further orders be given by Mr. Foord including two new bells. Dean and Chapter settle later for work they had agreed.

ORGAN 27 July 1904 DRc/Ac/21
Restoration deferred until completion new Tower.

BELLS Church Bell Foundry, 2 September 1904 DRc/Emf/143
Mears & Stainbank, 34 Whitechapel Rd. - letter re taking bells down.

8 September 1904 DRc/Emf/143
Inscriptions on bells for approval of Mears and Stainbank:
On re-cast bell of 1683: Olim Thalebot nune Talbot vocor in die S. Andreae MCMIV THF

DEAN HOLE MEMORIAL 4 October 1904 DRc/Emf/143
Meeting called to discuss a Memorial.

SPIRE Hodgson Fowler to Chapter Clerk 25 Oct.1904 DRc/Emf/143
...I am not surprised at Mr. Foord being disappointed with the Spire ("I could have stamped my foot when I first saw it" THF). I know all along he has wanted a high spire and the comparatively short one and covered with lead would not meet his ideas, but one has to remember that the old tower piers were not built for a high heavy spire.

CHOIR roof Hodgson Fowler 29 October 1904 DRc/Emf/143
...raising the Choir and E. roofs would cost £768, but I think that is very much too high a figure whenever the question comes up..the question whether they should not be rather lower than those of the Transepts, which are somewhat overdone I venture to suggest...a mass of very high roofs might dwarf the tower and spire.

BELLS Mears & Stainbank 6 November 1904 DRc/Emf/143
On removing the headstock from the 5th we find bell is very unsound in the crown; some parts where the supporting irons go through being nothing but sand with only a shell like covering of metal. It has hung in this condition since 1683, and may continue many years longer, but think right to draw attention whilst in foundry;may consider to re-cast, weight is 20½ cwt. £42.

Foord 8 November 1904 DRc/Emf/143
...there is no alternative but to have 1682 bell...recast...have written to bellfounder to charge the same to my account.

CLOISTER 25 November 1904 DRc/Ac/21
Letter received E.F. Cobb, some slight but necessary repairs required to ancient gateway at S.W. angle of site of Cloisters; removal of ivy - doing serious damage to stonework. Action approved.

CLERK of WORKS Thos. Leigh salary receipts 1904 DRc/FTv/259

TOWER 30 November 1904 Drc/Ac/21
Dedication new Tower and Spire.

1 9 0 5

BELFRY 16 January 1905 DRc/Ac/21
Bellringers request remedy to noise in Ringing Chamber, also seat, hat and coat hooks, offered to supply labour. Recommendations from E.F. Cobb - floor round bells be covered with slag wool 1" thick nd new floor formed above it; clock weight should be cased in; additional fire precautions. Accepted. Whole cost to be met by Chapter.

ORGAN 21 January 1905 DRc/Ac/21
Demolition commences

BELFRY 27 January 1905 DRc/Ac/21
Estimates submitted E.F. Cobb; accepted Mr. Durrant's of 282, High St. £24.10s. Also 3 new fire buckets and extinguishers.

NAVE/TOWER 3 February 1905 DRc/Ac/21
Letter received from Hodgson Fowler for expenses and repairs to plastering in Nave. Intended inspecting Tower when balance would be due to contractor Halliday.

GAS LIGHTING 17 February 1905 DRc/Emf/72/3/2
Jas. Stott & Co. 138 Queen Victoria Street, E.C. Reported found gas burners in bad condition; system very old fashioned and wasteful - suggest incandescent lighting. Pendants suspended in Nave - light nearly all dispersed above instead of downwards...enclose designs. Advisable to fit a governor on the rising main.

TOWER 10 April 1905 DRc/Ac/21
Hodgson Fowler's account: £291.17.9d. paid; Builder F.S. Halliday £474.11s.8d. by T.H. Foord to whom sincere thanks extended.

ORGAN 15 May 1905 DRc/Ac/21
Cobb to superintend work by Brompton Water Works Co. supply organ

CHOIR ventilation 7 June 1905 DRc/Ac/21
Bill by installers considered excessive: offer two thirds of £16.15s.9d. (accepted 23 June)

GAS LIGHTING Hodgson Fowler 16 June 1905 DRc/Emf/72/7
...agree with Stott's use of gas governor...object to rest of their scheme...would only remove present somewhat objectionable fittings for others equally out of character, and objectionable position...to suspend twelve pendants from centre of Nave arches is an idea might have been entertained thirty years ago, but not now...wrong architecturally and constructionally. Projection of heavy pendants in Choir seriously detrimental to architectural features.
Any scheme should have two principles - effective lighting and design of fittings to interfere as little as possible with architecture of building. Gas fittings should be kept simple and light to be seen as little as possible during day...would it not be

well to consider electric lighting before spending large amounts on new gas pipes...assured it would be cheaper to make your own than buy it..by using a 'Crossleys Suction Plant', an engine which produces its own gas to work electric motor.

BISHOP'S ENTHRONEMENT John Harmer DD 20 July 1905 DRc/Ac/21

LIGHTING 27 July 1905 DRc/Ac/21
Report dated 15 June from Hodgson Fower received. Ordered he prepare specification obtain estimate and work be done after his advice. Additional lights be placed in Crypt and its passage.

GAS LIGHTING Hodgson Fowler 5 August 1905 DRc/Emf/72/12
...did not measure as thought the work was to be done by Stotts, whose drawings you sent me (and which I returned), and that my suggestions would be carried out by them. I can make a drawing of the pendant I propose for the Nave enough for them to estimate from.

ORGAN Hodgson Fowler 5 August 1905 DRc/Emf/72/12
Now that the organ builder has put up such an ugly block for the console of the organ it will be just as well if a railing with a curtain is carried right across the opening and so hide the console as well as the space between it and the S. portion of the organ.

GAS LIGHTING Drawings DRc/Emf/72/51/2-3
Pencil sketches of Nave and Choir light fittings.

PRECINCT 21 August 1905 DRc/Ac/21
E.F. Cobb to prepare plan steps and pathway and containing wall from iron fence on S. side to S. door

August 1905 DRc/FTv/236
E.Farley Cobb: preparing plans for proposed new approach to S. door £22

ORGAN 21 August 1905 DRc/Ac/21
Hodgson Fowler design for rails and curtain on w. side approved.

PRECINCT S.door approasch 21 August 1905 DRc/Ac/21
Scheme produced by E.F. Cobb approved.

PRECINCT Cloister G. Payne to Chapter 9 October 1905 DRc/Ac/21
Urgent slight repairs necessary on E. wall of cloister - offer to examine wall and arches. Ordered E.F. Cobb do joint survey of walls with him.

RELICS G. Payne to Chapter 9 October 1905 DRc/Ac/21
Misappropriation by American lady of piece off cuff one of buff coats..abstraction by a stranger from Crypt of fragment of carving in stone representing head of our Lord - proposal: relics now stored in enclosed space above steps of Crypt be deposited Rochester Museum. Chapter desired to retain relics but, if after Vergers were informed not found feasible, would accept offer.

GAS LIGHTING Hodgson Fowler 16 October 1905 DRc/Emf/72/16
Enclose spec. for alteration of gas in Cathedral, together with FS drawings of one of proposed pendants. Suggest one chandelier in Choir and one of the pendants over Choir seats at E. end of Nave - altered according to spec. before anything else is done so that they may see effect before order the whole.

PRECINCT drainage 23 Ocober 1905 DRc/Ac/21
Complaints re drainage. Ordered Cobb to arrange gullies be flushed weekly by hydrant, costs discuss water company.

LIGHTING Hodgson Fowler to Chapter 23 October 1905 DRc/Ac/21
Specification and FS drawing of proposed pendant accepted, but requested preparation design new standard for gas burners in Transepts and Lady Chapel and estimate. Ordered gas burner at once be fixed separately at head of steps leading to Crypt on left side.

CRYPT 31 October 1905 DRc/FTv/236
R.I. Oram: cutting up floor for gas pipe, making good. Fitting gas pipe etc. cutting away concrete under step for pipe...

DEAN HOLE MEMORIAL 6 November 1905 DRc/Ac/21
Chapter ordered by placed in S. Transept of Nave, centre S. wall 2'6" from wall. Hodgson Fowler to be asked to advise safety of vaults below.

LIGHTING 20 November 1905 DRc/Ac/21
Organist reported light from gas for Choir at times inadequate, choirmen constantly complaining impossibility singing off the small print...

CRYPT steps 18 December 1905 DRc/Ac/21
Handrail be placed N. side leading from room under Chapter Room to Vestries in Crypt.

S.DOOR APPROACH 18 December 1905 DRc/Ac/21
Work deferred.

1 9 0 6

CHAPTER ROOM 15 January 1906 DRc/FTv/236
M. Robson: repair window C.R. Library taking out old lead light, making & fixing new, reshapping(sic) other lights. Take down stove pipe and stow away.

DEAN HOLE MEMORIAL 22 January 1906 DRc/Ac/22
Hodgson Fowler reports portion of pavement S. Transept removed to test ground under spot where proposed place monument; not good position, ground underneath loose and full of graves.

LIGHTING 22 January 1906 DRc/Ac/22
Experiment by Stotts at Hodgson Fowler instigation. 4 inverted lights on one pendant on 1 side Choir, 4 upright lights on pendant on other side, 1 in Nave to H.F. design. Transepts to be lighted by

side brackets at each corner of junction with Nave 4 incandescent lights each.

LIGHTING 5 February 1906 DRc/Ac/22
Stotts gas already supplied to Pulpit; small matter to fix incandescent burner. Agreed Stotts be paid and not further employed. E.F. Cobb to take up lighting experiments with Mr. Parks, get satisfactory estimate and complete.

GAS LIGHTING E.F. Cobb 10 February 1906 DRc/Emf/72/35
Agree much better if work superintended by Mr. Cobb and nothing a local firm could not do as well as Stotts...Stotts making new fittings for trial in Nave and then handing spec. and drawings to Mr. Cobb.

26 March 1906 DRc/Ac/22
Special Chapter: tenders scrutinised of work to Hodgson Fowler specification and plans. Lights in Lady Chapel omitted. Work commence forthwith.

General correspondence 1905-06
DRc/Emf/72/6/1,Emf/72/26,27,33,38,44,48,50

MARTYRS' MEMORIAL 30 April 1906 DRc/Ac/22
Request for site for erection memorial on S. side to commemorate martyrdom Catholics John Harpole and Joan Beach, who were burnt to death at or near that spot 1556.

DEAN HOLE MEMORIAL 23 June 1906 DRc/Ac/22
Decided to adhere to position in S . Transept.

MARTYRS' MEMORIAL 23 June 1906 DRc/Ac/22
Approved in principle, but not convinced place to which alluded was spot where martyrdom took place.

GAS LIGHTING 30 June 1906 DRc/FTv/236
J. Collis: to incandescent light insallation £73. Extra for cup and ball joints in pendants over nave stalls.
E.F.Cobb: to preparation drawings, spec., superintendence alteration gas lighting £8.8s.
C. Hodgson Fowler: preparation drawings, spec., visits alterations gas fittings £6.

N.NAVE AISLE wall 1 September 1906 DRc/FTv/236
E.G. Hutchings: building channel in brick and cement, RWP to gulley

MARTYRS' MEMORIAL 24 September 1906 DRc/Ac/22
Not conclusively proved executions' location - not therefore justified in devoting small piece of ground, which may in future be required by Chapter or its successors, for ecclesiastical purposes.

GASLIGHTING 24 September 1906 DRc/FTV/240
Completion installation incandescent light in Cathedral. Total £108

DEAN HOLE MEMORIAL 29 September 1906 DRc/Ac/22
Dedication: recumbant effigy.

CHAPTER ROOM 6 October 1906 DRc/Emf/73/1,2
...Mr. Foord's kind offer to restore the E. wall of the present Chapter House. Grateful thanks generous offer.

CHAPTER ROOM restoration 8 October 1906 DRc/Ac/22
Foord offer received rebuild E. wall and if necessary restore and repair roof. Accepted gratefully and for him to arrange plans with Hodgson Fowler.

CHAPTER ROOM stove 5 November 1906 DRc/Ac/22
Possible danger of fire from stove; Chapter Clerk instructed to get close wire fire screen to prevent sparks.

NAVE roof 26 November 1906 DRc/Ac/22
Many cracks reported in lead; Dean to inspect with Mr. Cobb.

HOUSE SURVEYOR 26 November 1906 DRc/Ac/22
E.F. Cobb appointed House Surveyor 29 July 1902 at £15.15s. increase ordered by £5.5s.

CHAPTER ROOM 3 December 1906 DRc/Ac/22
Hodgson Fowler's plans and estimates received. He considered present Chapter Room, formerly Vestry, converted on dissolution of Monastery and destruction of old Chapter Room and Cloisters. Present E. window probably inserted in 1675, and present roof existed before dissolution, and therefore did not propose to alter. Proposals consisted re-building E. end with stone taken from old tower and insertion of new window of oldest ype of Pependicular as shewn by plan, restoration of doorway of Slype or vault under. Further proposed be warmed by gas stove placed in recess in S. wall. Cost £250 without architect's fees... Chapter approved plans but queried effect of gas fire on books and possibility of it being placed in vault considered.

CHAPTER ROOM Hodgson Fowler 3 December 1906 DRc/Emf/73/5
... gas fire with a small boiler in the lower room to heat a coil of pipes in the Chapter Room - both safe and easily managed.

NAVE roof 3 December 1906 DRc/Ac/22
Dean and Mr. Cobb reported inspection; several serious cracks should be mended immediately under Cobb's supervision.

CHAPTER ROOM Hodgson Fowler 11 December 1906 DRc/Emf/73/8
Glad Dean & Chapter and Mr. Foord approved plans for proposed improvements. Heating could very well be done by small apparatus in vault below and coils or radiators in Chapter Room. But boiler will have to be heated by gas as ordinary smoke 'flue would be objectionable. Is there any good firm in Rochester...who do heating work. I would suggest that you do not go to the people who did the lighting in the Cathedral as they altered every drawing I made and though the lighting may be all right, the fittings have been made very ugly.

CHAPTER ROOM 24 December 1906 DRc/Ac/22
Foord had approved Hodgson Fowler proposals. Chapter discussed possibility of an oriel window instead of one suggested by Hodgson Fowler. Dean to discuss this.

GUNDULPH'S TOWER 24 December 1906 DRc/Ac/22
Dean reported had been stated at a lecture at Brompton Barracks that fabric of G.T. was in worse state of repair than some 30 years ago, and desirable to cover in. Decided to ask H.F. what steps necessary for its preservation and usefulness.

CHAPTER ROOM Foord to Chapter. 24 December 1906 DRc/Ac/22
Agreed with proposal for oriel window; H.F. preparing plans accordingly.

GUNDULPH'S TOWER Hodgson Fowler 29 December 1906 DRc/Emf/144
Very glad to learn that Chapter wishes me to take over Gundulph's Tower as thought more than once it required some repair...when next in Rochester will give myself time to overhaul it. Do you think it might be made into a Muniment Room?

1 9 0 7

CHAPTER ROOM Hodgson Fowler 1 January 1907 DRc/Emf/73/10
Sketch plan of bay window in Chapter Room and proposals for stained glass - glad two storied window proposals are liked ...

CHAPTER ROOM 28 January 1907 DRc/Ac/22
Ordered small candle bracket be fixed to light table on S. side.

CHAPTER ROOM Hodgson Fowler 13 February 1907 DRc/Emf/73/12
Proposed window, larger drawing herewith. Smaller drawing is with surveyor who is taking out quantities. Heating: quite possible to fit small gas boiler to four radiators, ought to heat place well.

CHAPTER ROOM 21 February 1907 DRc/Ac/22
Amended plans from H.F. heating to be gas stove in lower chamber to heat radiators; plans in preparation by engineer. Approved.

CHAPTER ROOM Hodgson Fowler February 1907 DRc/Emf/73/14
Specification of work for window E. end of Chapter Room, together with its N. wall up to E. end of Cathedral are now faced with brick, except a lower portion of lower part of E. wall; all this brickwork to be removed and the wall faced with coursed rubble work similar to the walling of N.E. Transept. Wooden E. window of Chapter Room to be removed and a stone bay window built as shewn, the old doorway of the 'Vault' below to be opened out and repaired as shown. Gable over window to be taken down and rebuilt with new water tabling. Remove old carved stone now at E. end of Vault and replace when new wall is done. New window and all other dressed stonework and all new facing to be built from old stone from the Tower, now lying at Mr. Foord's, Acorn Wharf. These old stones are of all sizes and shapes require careful picking out except for mullions...all new stone to be best S. Aldhelm brand of Bath stone.

Cement, the best, not too quick setting, Portland, with clear fresh water sand 1:2. Specification continues for concrete for external cement border, dowels, plastering, tiling, carpentry, glazier.
Bill of Quantities DRc/Emf/73/15

CHAPTER ROOM Hodgson Fowler 1 March 1907 DRc/Emf/73/24/1
Contract with West Bros. of High Street, Rochester, £385.
Foord approved tender from West Bros. 21 March 1907 DRc/Ac/22

N.E.TRANSEPT 31 March 1907 DRc/FTv/237
G. Baker: repairing steps N.W. Turret of N. Choir Transept £2.1s.

PRECINCT Cloister walls 8 April 1907 DRc/Ac/22
Architect had inspected and recommended repair under superintendence Geo. Payne.

CHAPTER ROOM Hodgson Fowler 11 April 1907 DRc/Emf/73/20
...your suggestion for turning two of the bookcases at right angles to the side walls of the Chapter Room - I am sorry to say there is a structural reason against it. I had the same idea and was showing the builder how to do it, when he remarked that the floor was weak towards the centre of the room, and on looking at it we found it was so and unsafe to stand it there. As the bookcases stand their weight is close to the walls where the floor beams are stronger. So I fear some books must be moved.

PRECINCT Cloister 22 April 1907 DRc/Ac/22
H.F. reported estimated cost £30-40. Ivy to be removed, rest sought for pointing and repair of 3 great archways into old Chapter House and walling above. Architect's recommendations for protection of upper part of gable to be included in work of restoration of Chapter Room.

27 May 1907 DRc/Ac/1907
Removal of ivy from walls and certain excavations disclosed interesting architectural details. Mr. Eastmead be instructed to take photos. Tympanum of one of arches should be protected from further decay by a plate glass covering

TOMB W. de Merton 31 May 1907 DRc/Ac/22
Appeared that stone removed when new tomb erected remained in Cathedral but bore no record of place from which taken. Ordered some record be placed on it. Inscription be cut on stone with date of its removal (24.6.07 DRc/Ac/22)

PRECINCT Cloister 24 June 1907 DRc/Ac/22
Letter from G. Payne stating reparation extended three quarters of eastern wall, leaving remaining section to be dealt with; suggested garden border should be placed where path is and vice versa and path sunk to level of brick walk along south side Cathedral.
Photos: ordered; estimate required cost glass cover tympanum; ordered be supplied.

SOUTH DOOR 15 July 1907 DRc/Ac/22
Cobb's plan of 30 September 1905 to be carried out: £35.

CHAPTER ROOM Hodgson Fowler 5 August 1907 DRc/Emf/73/27
Wests examined floor and found that boards are irregular and joists weak in places; needs strengthening before new boards laid. All bookcases therefore need removing.

Hodgson Fowler 12 Oct. 1907 DRc/Emf/73/30
Examined floor .. formed of oak joists cut out of small trees with great deal of sappy wood left on which has decayed..but inside of wood..quite sound. Being unseasoned when put in caused it to sag and appear insecure. See no reason for removing...to stiffen whole floor propose putting five beams across 'Vault' under floor carrying a centre longitudinal beam and a strong plate on N. side, whole supported on stone corbels. Thus even if ends of joists are decayed whole weight will be carried on new beams and be quite safe. Flooring boards should be removed and relaid 1" oak boarding in narrow widths - will necessitate step 4" from anti room. Vault ceiling is bad will have to be removed and new in its place, necessary to keep Chapter Room warm.

OLD CHAPTER HOUSE Hodgson Fowler 12 Oct. 1907 DRc/Emf/73/30,65
Have instructed West to make some slight repairs to N. window arch of old Chapter House which somwhat unsafe. Small but important matter - some old stone work to be repaired and pointed up to keep them from falling.

CHAPTER ROOM Specification 15 October 1907 DRc/Emf/73/32,35
West Bros. Estimate £134
Specification for repairs and alterations of Chapter Room floor.
Precis: Mason: 9 corbels of hard stone similar to old ones in Vault. Remove trimmer arch of old fireplace.
Carpenter: 5 beams Baltic oak 10' x 8", wrought, also centre longitudinal beam 2 lengths scarfed together over a beam. Baltic oak plate 6'x6" N. side vault and 10' on S. over window. 24 October £114

22 October 1907 DRc/Ac/22
Hodgson Fowler agreed contract with West Bros.: to proceed immediately.

PRECINCT Cloisters 22 October 1907 DRc/Ac/22
Hodgson Fowler reported had instructed Wests Bros. to repair window arch of old cloister. Action approved.

CHAPTER ROOM Hodgson Fowler 1 Nov. 1907 DRc/Emf/73/44
... old joists were so very bad and perhaps best to put in 9"x3" joists as proposed...extra corbels and firring not now required - West ought reduce their contracted price.

CHAPTER ROOM 12 November 1907 DRc/Emf/73/48
Dean .E. Lane...certainly fire dogs would look handsome - a great bookcase stuffed into the old fireplace would look unmeaning but a useful space for books, and there would be no danger of a fire being lighted in the grate..the fire place is now quite opened and is a very handsome one.

CHAPTER ROOM floor Hodgson Fowler 12 November 1907 DRc/Emf/73/49
...their price is high...and I don't like old joists, but they will last our time and it must be left to future Dean and Chapter to replace them with oak.

25 November 1907 DRc/Ac/23
Wests signed contract. Books and cases removed. During removal old floor discovered joists very rotten; necessity arrange have new fir joists; Mr. Foord undertaken to pay for new bookcases; plan and secification by Mr. Cobb. Also to open and repair old fireplace and re-plaster walls.

CHAPTER ROOM Cobb 4 December 1907 DRc/Emf/73/53
Bookcases...probable cost of fittings plus two new oak doors £120, keeping cost down by using oak only where showed. Shelves would be of deal stained with oak edges.

CHAPTER ROOM Dean Lane 4 December 1907 DRc/Emf/73/52
...horrified by expenditure of money and time which Mr. Cobb proposed...I think I myself am partly guilty of the proposal being so outrageous because under Mr. Cobb's guidance I was rather captivated by a deep cornice as indicating the date at which the Chapter Room became a Library etc...but hope whole may be done for £100.

PRECINCT S.approach 12 December 1907 DRc/FTv/238
E.F. Cobb, supervision, drawings, etc. construction new approch to S. door £4.4s.

CHAPTER ROOM shelves 13 December 1907 DRc/Ac/23
Cobb's plans approved by Hodgson Fowler. Plans with Wests for estimate.

LAVATORIES 13 December 1907 DRc/Ac/23
Mr.Cobb estimate erecting urinal with glazed ware and pulling down old privy on N. side of Choir Aisle and building 2 W.C.s if drainage could be connected to existing cesspool. Deferred.

CHAPTER ROOM Specification 19 December 1907 DRc/Emf/73/56
West Bros. Specification and plan £100 - with exception all panels, shelves, rails and stiles to be square.

1 9 0 8

SOUTH DOOR 28 January 1908 DRc/Ac/23
Entrance dark and dangerous, agreed gas lamp on bracket might be fixed.

CHAPTER HOUSE 23 March 1908 DRc/Ac/23
Wall of old Chapter House between Chapter Room and Deanery requires coping. Cobb to report. (13 May Cobb report; Agreed £10)

CHAPTER ROOM 24 April 1908 DRc/Emf/73/72
Books replaced in Chapter Room.

CHAPTER ROOM 27 April 1908 DRc/Ac/23
Re-opening 23 April; restoration completed. Place on record sincere gratitude to Mr. Foord for noble generosity.

ORGAN LOFT lighting 27 April 1908 DRc/Ac/23
W.J. Parks paid for connecting gas to organ loft and fitting lights in 1905.

PRECINCT S. approach 15 June 1908 DRc/FTv/238
West Bros. laying gas pipes and fixing copper lantern there

CHAPTER ROOM floor 27 July 1908 DRc/Ac/23
To be polished with beeswax every two months.

CHAPTER ROOM Cobb 29 August 1908 DRc/Emf/146
Rough estimate cost of fittings:
Press for vestments at least £25
Mirror in plain frame 3' x 166 £1.5.0d.
Piscina, waste pipe, water supply £10.0.0d
Altering fitting to receive safe, providing oak door, cartage of safe and a safe 24" x 20" x 18" £10 upwards
Book carrier in oak 15/-d

CHOIR SCREEN 29 September 1908 Drc/Ac/23
Cobb reported pieces of stone broken off some figures, canopies, etc. some had been preserved and could be re-fixed. More care to be taken by cleaners and others.

He also reported that only way to close cracks in oak planks on E. face of screen would be by filling them up and making good the painted decoration. Could be done by employing sufficiently competent man. Ordered he should obtain such a name and obtain estimate.

28 October 1908 DRc/Ac/23
W.J. Parks reported able to carry out repairs. Chapter inspected cracks. Dean to discuss.

CHAPTER ROOM bookcases 25 November 1908 DRc/Ac/23
Old bookcases removed prior to improvements to be sold.

1 9 0 9

CHAPTER ROOM bookcases 25 January 1909 DRc/Ac/23
Stored in Crypt; Town Clerk would have been glad for some, but could not be got out of doorway without being taken to pieces, would not stand that.Archdeacon offered £1 for 2 oaken cupboards accepted.

CLOCK Electrification 2 Jan & 9 February 1909 DRc/Emf/143
From Synchronome Co. 32 Clerkenwell Rd, EC
Application to electrify winding of Cathedral clock and estimate. Received present weights - these are so enormous compared with work they have to do, forced to assume either clock winder misled you or that loss of friction owing to devious routes of the wire ropes must be enormous - in latter case our scheme is all the more desirable.

From internal evidence it seems obvious that only the Quarter chiming apparatus now requires daily winding - weekly should do for rest.

17 February 1909 DRc/Emf/143
Scheme and specification: £126....present means of driving clock is cumbersome and dangerous - to get sufficiently long drop present heavy weights wire ropes supporting them have to be carried...over guide pulleys set at different angles...insufficient to support weights for long period...breakages bound to occur resulting in serious damage to the fabric...

PULPIT 6 March 1909 DRc/FTv/239
R.I. Oram: removing sound board from Pulpit in Cathedral.

STEEPLE lightning conductor 25 May 1909 DRc/Ac/23
Tender £121 accepted. Steeplejack and Engineering Co. Nottingham; plans to be submitted first to Hodgson Fowler for approval.

CHAPTER ROOM safe May 1909 DRc/FTv/239
West Bros. unload safe, take same up steps, fix iron columns for same, etc. Carpenter fix map and pictures in library, oak turned pegs.

CHAPTER ROOM vestment chest 2 July 1909 DRc/Ac/23
Design by E.F.Cobb adopted, if agreed by Hodgson Fowler.

PAVEMENT 2 July 1909 Drc/Ac/23
Agreed Cobb should deal repairs - 3 stones opposite Chapter Room, and stones in step leading fro bottom flight from S. Choir Aisle to S.E. Transept. Cocoanut matting on Nave floor replace with linoleum, also to Lady Chapel.

CHAPTER ROOM Cobb 15 July 1909 DRc/Emf/146
Proposed vestment chest. Drawing, pencil and wash. 1½" and FS. Good condition.

PISCINA Cobb 11 August 1909 DRc/Emf/146
..enclose some estimates for marble piscina. Do not recollect having made any drawings for this. It was arranged verbally that it should have an oak cover, water tap and waste pipe down through the wall to a soak hole outside.
Three estimates attached: Diespeker Ltd.; John Daymond; Art Pavements & Decorations.

OLD VESTRY Cobb 16 August 1909 DRc/Emf/147
Enclose drawing showing simple shelving to receive music and use such available space as there is in the Old Vestry in S. Choir Aisle. Cost with sliding doors in oak probably about £50 or more. Floor is in need of some repair - some of the joists or the plates on which they rest may have become decayed.

Drawing: Proposed conversion of Old Vestry into Music Library. ½" - 1' Pencil and wash on tracing. Elevations and plan. E.F. Cobb. Good condition.

BISHOPS THRONE 20 August 1909 DRc/FTv/239
Franklin Homan: recovering cushion silk velvet 19s.6d.

CHAPTER ROOM 13 September 1909 DRc/Emf/146
Franklin, Homan, Ltd., 180 Eastgate, Rochester
...cost of fitting extra strong polished and lacquered shaped cornice pole to Oriel window in Chapter Room, including fittings, and large pair of green linen curtains £3.13.6d, or if best heavy burnished and lacquered pole £4.2.6d. To include fixing in stone work of wall.

STEEPLE lightning conductor 21 September 1909 DRc/Ac/23
Work completed. Sale of stock agreed to meet costs £32.
12 October 1909 DRc/FTv/239
Steeplejack & Engineering Co. erection lightning conductor £21

October 1909 DRc/FTv/240
West Bros: removing cupboards from lobby, repairing, colouring walls yellow, repairing floor, converting cup'd into glass case for Cromwellian relics, internal fitting

ROOF 17 December 1909 DRc/Ac/23
Defects reported by Cobb of gratings, parapets, pinnacles. Hodgson Fowler to inspect next visit.

1 9 1 0

FURNISHING 27 January 1910 DRc/FTv/240
Franklin Homan: upholstery etc; lining safe with crimson baize; Pulpit: Axminster carpet fitted; underfelt art felt carpet fitted and stairs to same. Silk cover Bishops seat; Imperial Axminster carpet made up grey underfelt.

ROOFS January 1910 DRc/FTv/240
A. Osborne: repairing gutter grateings, laying new lead gutters, bearers and gutter boards £4.12s.

CRYPT 22 February 1910 DRc/FTv/240
W.Benrose: laying on gas, making, fixing iron gas bracket

BISHOP'S THRONE 24 March 1910 DRc/Ac/24
With approval Hodgson Fowler Arms of Bishops of Rochester painted by E.S. Watkin of London. £20

LADY CHAPEL roof 23 June 1910 DRc/Ac/24
Cobb instructed repair leak.

Ladder: good strong oak step ladder from lowered roof up to present Aisle roof...also landing from Aisle roof to stonework N. of it for access to Clerestory window of Transept.

Inside Aisle steps: remove present wooden stairs, refix to levels and slope shown: to leave window clear.

Roof boarding: all lowered and altered roof and leading of stairs to be covered with 1¼" G. & T. redwood boarding.
Old gutter: provide 9"x3" oak side to old gutter and make good under it, cover with lead.

Stairs: remove present stairs, re-use as far as they will go and make steps up to cross wall and doors in N. Aisle; provide and fix new ones of oak, old 'Pilgrim' steps underneath not to be injured or interfered with.

Glazier
Windows: the 4 windows to be glazed with best 26 oz. white glass in quarries, about 6"x4" with ½" borders throughout, in thick lead 3/8" wide, well cemented and tied inside saddlebars with strong copper wire and not to outside saddlebars and stanchions. Grooves in stonework to be neatly pointed with oil mastic.
Saddlebars: provide and fix ½" wrot iron saddlebars not more than 12" apart..dipped in oil while hot and twice painted flat black.
Screen: to be glazed with similar glass in squares as shewn. Provide £15 for painted glass coats of arms to be obtained by Architect.

Light to stairs: glaze upper part of door at top of stairs 26 oz. glass and in light area bottom of stairs.

Painter
Ironwork: all iron work, old and new, 4 coats painted finished black one coat before fixing.

Roofs: any external woodwork: 4 coats good oil colour.

Doors and screen: new doors and screen: stain with ammonia to an approved tint, well rubbed with beeswax and turpentine.

N.CHOIR AISLE drawings 1910 DRc/Emf/148
Proposed restoration of N. Aisle of Choir on linen. Ink and wash. ¼". Good condition.
Plan of N. aisle roof; (signed West);of staircase roof; of N. Aisle.
Elevation and sections looking north and east; plan.
Externally: elevation N. Aisle Choir; sectional elevation looking west; section roof over stairs looking north.

N.CHOIR AISLE Tender 24 September 1910 DRc/Emf/148
Mr. Hodgson Fowler received amended tender from Wests: £645

N. CHOIR AISLE 26 September 1910 DRc/Ac/24
Proposed improvements approved. Foord undertook to meet cost. Tender agreed. West Bros. £645.

N.CHOIR AISLE Screen Hodgson Fowler 3 October 1910 DRc/Emf/148
To Arnold: ..quite understand about glazed screen and before anything is done in the way of making it will prepare another drawing to submit to Chapter. Wooden cross bar in it was put in rather in the way of construction, as possibly the screen may have to be made in 2 pieces, but that I can tell better when I get scaffold up to the vaulting.

N.CHOIR AISLE Contract 5 October 1910 DRc/Emf/148
Signed contract returned by West Brothers.

N. CHOIR AISLE Hodgson Fowler 20 October 1910 DRc/Emf/148
..will arrange with West (builder) how to show the old stonework; had heard that he had discovered additional dressed stonework in the Aisle wall.

N.CHOIR AISLE 20 October 1910 DRc/Emf/75
West Bros. to Hodgson Fowler: herewith templates of oak doors in N. Aisle; two of these are sight size and rebate is 1" all round. Door to Gundulph Tower is full size of rebate.

N.CHOIR AISLE contract 25 October 1910 DRc/Emf/75
Documents returned by builder West Brothers; 131 High Street, Rochester: 3 plans and specification duly signed.

N.CHOIR AISLE 26 October 1910 DRc/Emf/148
To Ecclesiastical Insurance Office: proposals..lower roof over staircase to N. Aisle and fixing new staircase, 3 new oak doors to replace old deal doors in N. wall of N. Aisle, new oak screen to replace a deal screen, etc...gas used by workmen for lighting..

TOMB William de Merton windows 25 November 1910 DRc/Ac/24
Merton College agree meet cost new stained glass not exceeding £50, to submit design for approval.

N.CHOIR AISLE Hodgson Fowler 5 December 1910 DRc/Emf/148
Letter to Payne: ...ill...shall be much obliged if you will keep an eye on West Bros; they mean well but, as you know, they don't know anything of the character of the work they are doing now..

LADY CHAPEL Hodgson Fowler 14 December 1910 DRc/Emf/139
...completely satisfied that only...plan for dealing with S. Transept and Lady Chapel is by reverting to something of the fifteenth century arrangement, placing a handsome oak screen across the Transept and opening the Chapel into it. I did not forget your suggestion of a possible handsome Altar and Reredos of a moveable character under the arch; would not look very well from any point of view and cost excessive. But throwing the Transept and Lady Chapel into one, as when Chapel built, get building of good proportions,

CHOIR 23 June 1910 DRc/Ac/24
Bill sent by Hodgson Fowler for E. Stanley Watkins restoring damaged painting on wall of Choir. £5.

JELF MEMORIAL June 1910 DRc/FTv/240
West Bros: taking out old glass, fix new windows; making good stonework with mastic cement, cleaning and dressing with 2 coats fluate external stonework

CARPENTRY 21 July 1910 DRc/FTv/241
West Bros. provide wainscott oak steps £2

LADY CHAPEL window 22 July 1910 DRc/Ac/24
Jelf Memorial: West. Bros. taking out old glass, fixing new, making good stonework £18.2s.6d.

CHOIR N. AISLE Specification Hodgson Fowler July 1910 DRc/Emf/148
1. Preamble.

2. Mason and Plasterer:
New stone: Chilmark or best Caen or other approved quarry similar and equal to best of stone dressings of modern gables, all be laid on natural bed
Dressings: all new work to match old
Mortar composed of best stone lime and clean sharp river sand: 1 part lime 2 parts sand, not used fresher than 2 days old.
Cement: of approved quality and maker
Pointing: all pointing to walling to match present, with flat joint, not projecting but kept rather back
Windows: Present windows of Aisle to be carefully repaired, mullions and tracery where defective on outside carefuly halved and new work fixed to old with slate dowels and cement. Whole of outside of 2 light window has perished and part of the next one to it.
Floor: to be carefully preserved as at present
Steps: old stone steps under wooden ones to be retained as present
Gully traps: Provide and fix glazed stoneware gulley trap 8" dia. 12" dished top, hinged iron grating under new down spout in small yard.
Drains: from gulley trap 4" glazed socket jointed pipes, top not less than 12" below surface, jointed with cement, ground beneath to be well beaten before laying, all to fall 1" in 10' at least to existing drain.

Aisle vaulting: to be very carefuly cleaned, ribs being washed and brushed with stiff brush but not dragged or recut. Bosses to be carefully cleaned and all colour wash taken out of the hollows of the carving. Plastering of vaulting to be washed and scraped and repaired where needed and 2 coats Duresco of a quiet white tint.

Aisle dressings: existing dressings, shafts, caps, bands, bases, doorways, etc. to be carefully washed and brushed same as vaulting ribs, no dragging or re-working allowed.

Aisle walls: plastering on walls to be carefully taken off, walls first being examined in different places to see if any old painting is on them, to be replastered with Granite plaster, kept very thin, not to exceed ¼" in any part, finished with steel trowel and to follow face of walls and not brought up level with screeds. Open out built up doorway just E. of cross wall, build up modern square headed door way just W. of it. Any old archways or other openings or dressed stonework to be left to show.

Outer walls: the outside of Aisle wall and outside of S. wall Gundulph Tower and walls connecting it to the Aisle, carefully brush down, defective pointing make good, and all holes made by present stairs...carefully fill up with stones. Cut fresh holes needed for altered roofs and stairs. Take out brick filling of arch between Aisle and Tower marked A on plan, clean and point walls, build new 9" brick wall at B to enclose lower part of stairs. Form openings for down spouts. Pave short passage from opened out doorway to foot new stairs; cement concrete.

Gundulph Tower walls: cover top of W. wall of tower and all slopes of walling below with cement concrete finished smooth to throw off wet; scrape away first all decayed mortar.

Screen: take down present wood and glass screen from over cross wall; assist to put up new oak screen , rather further E. right up to vaulting, making good places cut away for present screen (see drawing).

Bishop Hamo's tomb: very carefully repair lower parts of tomb with similar stone to old work, carefully brush off all dirt and archway over, but no restoration work to be done.

Stove: carefuly remove stove and pipe and deposit where directed..fill in hole in wall where pipe goes thro'.

Corbels: provide corbels hard stone to carry plates of lowered roof to be let in not less than 9" into walls, set in cement.

Brick wall: build 9" brick wall to enclose lower parts of stairs to roof, point both sides. Form in it an opening for window.

Carpenter and Joiner
Timber: all timber not otherwise specified to be Riga or Stettin oak for roofs, etc. and Austrian Wainscot for doors and screen, free from sapwood etc.
Joints: no v. joints or beads allowed..all to be plain joints, all wrought unless otherwise specified.
Pins: all to be of oak, riven, not sawn

Roofs: roof over area between Aisle and Gundulph Tower: from Aisle roof gutter northwards to Tower, to be carefully removed out with similar wood carrying them up in straight line to land on new landing as shewn..1½" framed door to open outwards..

very striking in many aspects...minimum alterations and a dignified Court for the Bishop; plan shows suggested screen running E. and W. just S. of two larger marble shafts and would take off from the Transept its present unfinished look. Screen should have in centre two wide doors, upper part open tracery...the recessed arch in Transept must of course be cleared of monuments and tablets, could be placed in S. Choir Aisle. Present Altar I should retain, as it was ( ) work and if placed on good stone steps...very dignified; would not prevent anyone replacing it with handsome carved one painted and gilded. Old Sacristy would revert to former use and doorway from S. Aisle of Choir opened out...

MR.HODGSON FOWLER Marriott 14 December 1910 DRc/Emf/139
Sorry to inform you that Mr. Fowler died early this morning...the accompanying drawings were the last to pass thro' his hands...he was very anxious that they should be forwarded to you..with his report, which although I wrote out for him, I do not think he really finished it as it was left in his room.

GUNDULPH TOWER 17 December 1910 DRc/Ac/24
Cesspool be emptied, filled in, 2 new pedestal WCs supplied, washing accommodation be supplied. No road sweepings in future be placed in basement. Vegetation be removed, masonry protected.

N.CHOIR AISLE roof 17 December 1910 DRc/Ac/24
Gutter below flying buttress be raised and repaired; spec. and tenders to be obtained.

MR. HODGSON FOWLER 17 December 1910 DRc/Ac/24
Chapter expressed appreciation of his valiant service.

N.CHOIR AISLE 28 December 1910 DRc/Emf/148
Letter from K. Bayley: 'your letter addressed to late Mr. Hodgson Fowler's office: at the date of his death he was negotiating a partnership with Mr. W.H. Wood of Newcastle, a former pupil and assistant, of whose ability, especially in matters of Ecclesiastical Architecture he had a high opinion; kindly therefore communicate with him about the N. Aisle improvements..

N.CHOIR AISLE screen 1910 DRc/Emf148
Drawing: amended pen and wash design on cartridge; ¼": condition good; W.H. Wood, FRIBA

1 9 1 1

DRAWINGS Bayley 4 January 1911 DRc/Emf/148
Mrs. Hodgson Fowler proposes to place at the disposal of the Dean and Chapter all her late husband's drawings relating to the Cathedral.

LADY CHAPEL Dean Lane 6 January 1911 DRc/Emf/148
..anxious to form Committee to carry out improvements in Lady Chapel as Memorial to Canon Pollock..have Mr. Fowler's plans for this ..

ARCHITECTURAL SERVICE Wood 16 January 1911 DRc/Emf/148
..you are quite correct in assuming that there will be no extra commission..can assure you that anything entrusted to me will have the same care and be treated in the same spirit, which it would have received from the late Mr. Fowler..

N.CHOIR AISLE 24 January 1911 DRc/Ac/24
Completion of improvements by W.H. Wood, successor to Hodgson Fowler, approved.

N.CHOIR AISLE screen Wood 20 February 1911 DRc/Emf/148
..enclose amended design for Screen..quite certain that the best position ..to be fixed is about 12" to E. of the wall shafts

N.CHOIR AISLE screen 21 February 1911 DRc/Ac/24
Design received. Deferred to observe effect. If Foord not agreeable Chapter approved design. Foord agreed with delay.

ARCHITECT 21 February 1911 Drc/Ac/24
Large number of applicants. Short list: Mr. Carooe(sic), Mr. Temple Moore.

ARCHITECT 9 March 1911 DRc/Ac/24
Mr. Temple Moore, 44 Bedford Row, W.1, appointed.

CRYPT 17 March 1911 DRc/FTv/242
W.J. Parks: glazing broken leaded lights 10 sq.ft. cathedral glass

GUNDULPH TOWER 27 April 1911 DRc/Ac/24
Lavatories completed: £87.

MEMORIAL 16 May 1911 DRc/FTv/241
W. Stannard: repairing, fixing cartouche on Memorial tablet S. Aisle Nave £1.7s

N.CHOIR AISLE contract Elliott 26 May 1911 DRc/Emf/148
..hardly see necessity for Mr. Wood to come to Rochester as I think we are all quite satisfied with way work has been carried out..he saw it when it was nearing completion.

N.CHOIR AISLE contract Wood 29 May 1911 DRc/Emf/148
..note you do not think it necessary for me to inspect the work, therefore in this case I will only be able to certify that the contract amounts to £645 is correct, less the deduction for the oak screen not executed

ARCHITECTURAL FEES Elliott 9 June 1911 Drc/Emf/148
Herewith forward Mr. Wood's account £42.15.10d.

ROOF 26 June 1911 DRc/FTv/241
M. Robson: repair leaks cutting out old lead replacing with new, soldering cracks, cleaning cistern heads £6.1s.7d

CHOIR damaged wall painting 11 July 1911 DRc/FTv/240
E.Stanley Watkins: restoration £5

HENNIKER MONUMENT 15 September 1911 DRc/Ac/24
Railing round should be removed and floor levelled. West Bros. to do. Recommended no order made 11 Oct.

MERTON TOMB 17 October 1911 DRc/Emf/145
Comper to Chapter: thanks for templates of W. de Merton's tomb window.
Canon Cooke: heard from Comper glass to be sent..will you instruct Cobb to superintend the fixing? We have to provide the glazier

CHOIR 25 October 1911 DRc/Ac/24
Marble pillars cleaned by Canon Wood at own expense; thanked for restoring to their original beauty.

SURVEY Temple Moore 21 November 1911 DRc/Emf/139
Overall fee 100 guineas for total survey over three years.

MERTON TOMB 10 November 1911 DRc/Ac/24
West Bros. paid by Merton College for fixing new window.
November 1911 DRc/FTv/241
West Bros. erecting scaffolding, taking out old glass to window, fit new, making good £7.2.9d.

ARMS 13 December 1911 DRc/FTv/242
F. Basset Willis: arms of See of Rochester enamelled on silver

ROOF November 1911 DRc/FTv/242
A. Osborne: repair frame and hang louvre shutters

1 9 1 2

CRYPT 16 February 1912 DRc/FTv/242
W.J. Parks: cutting holes and plugging for fixing clock

DRAWINGS 29 February 1912 DRc/Ac/1912
Mrs. Hodgson Fowler presented several plans relating to Cathedral.

POLLOCK MEMORIAL 6 June 1912 DRc/Ac/24
Temple Moore's new design Reredos and Altar for Lady Chapel approved. £335.

HEATING 4 October 1912 DRc/Ac/24
Rochester Gas Co. had fixed in Oct.1910 2 eight tube iron radiators on loan; Chapter agreed to purchase. £15.15s.

OLDROYD MEMORIAL 9 November 1912 DRc/Emf/76/1,2,3/1
Three designs from Morton Dewsberry and Temple Moore.

LIGHTING 21 December 1912 DRc/Ac/24
Agreed Kent Electricity Power Co. prepare estimate for lighting Cathedral, in four sections: Sanctuary, Choir, Nave, Crypt.

1 9 1 3

POLLOCK MEMORIAL 6 February 1913 DRc/Ac/24
Objections raised to removal of altar from Lady Chapel. Mrs. Pollock to see architect whether could improve reredos of Lady Chapel without affecting present altar.

CATHEDRAL PLATE 19 May 1913 DRc/Ac/24
Design of case for plate by Cobb accepted.

VESTRY CUPBOARDS 24 July 1913 DRc/Ac/25
Oak cupboards for vestments: designs submitted by Cobb. Approved.

LADY CHAPEL 27 November 1913 DRc/Ac/25
Report that walls needed treatment. Temple Moore examined work to be done: (plaster cleared 14 January 1914)

PRECINCT ancient wall 27 November 1913 DRc/Ac/25
Surrounding Deanery garden, portion fallen. Ordered Cobb superintend repairs.

1 9 1 4

LADY CHAPEL 9 February 1914 DRc/Ac/25
Cleaning of walls posponed.

CRYPT 20 April 1914 DRc/Ac/25
Motor for organ blowing apparatus to be placed, water pipes and brick piers supporting them be removed by Wests, and brick wall enclosing part of Crypt in which present apparatus is fixed.

LADY CHAPEL 6 May 1914 DRc/Ac/25
Improvements to be made as Memorial to Canon Pollock now in progress.

CRYPT 2 June 1914 DRc/Ac/25
Baker & Sons estimate £26.10s. accepted; work ordered.

WAR DAMAGE PRECAUTIONS 15 June 1914 Drc/Ac/25
Pails of water to be placed strategically for immediate extinction of any explosives.

N.E.TRANSEPT roof door 15 June 1914 Drc/Ac/25
Small oak door top of S.W. turret of N.E. Transept fallen to pieces. Cobb ordered accept estimate 15s. to repair.

RESTORATION FUND 23 June 1914 DRc/Ac/25
Meeting to be called of Clergy and Laity to form Committee to carry out work considered to be necessary in Temple Moore's report.

RESTORATION July 1914 DRc/Emf/139
Dean and Chapter instructed the eminent ecclesiastical architect Mr. Temple Moore to undertake a thorough examination. Decided to publish the facts and appeal for necessary funds.

NAVE - roof 1914 Temple Moore survey DRc/Emf/135

Whole of lead work in roof and gutters must be stripped and re-cast, until so done unable to report. No doubt wood boarding and framing beneath much decayed. This roof said to have been repaired by Mr. Cottingham is apparently all constructed of Memel timber and probably dates entirely from date of his work. Believe condition due to defective way lead covering and gutters were carried out. Probably require new framing English oak generally following the design of the present roof, which is I believe a copy of fifteenth century flat roof put on when present Clerestory was built. Can put on one or two bays at a time so whole Nave not uncovered at once.

CHOIR & N. CHOIR TRANSEPT roof 1914 Temple Moore survey Emf/135
The upstanding gables built by Gilbert Scott are suffering considerably from being exposed on both faces for so long, and present low pitch roofs require repair without delay. At same time alteration will be necessary to lines of high gables at east end and north end of north choir transept as when tower was rebuilt (Cottinghan) the water table on its eastern face was set at a lower angle than the later Scott gables.

S. CHOIR TRANSEPT - roof 1914 Temple Moore survey DRc/Emf/135
Pitch of this roof should not be raised, principally undesirable to add to weight and foundations of a high gable at the end of this transept. Present timber work requires some repair; pitch too flat for slate, desirable to recover with lead or copper.

AISLES N. & S. roofs 1914 Temple Moore survey DRc/Emf/135
No doubt originally covered in lead, and pitch much too flat for present slate covering. Should be stripped, repaired and covered with cast lead as formerly. Appears much of timberwork will require renewal. At west end south aisle completely rotten.

GUTTERS tops of walls etc 1914 Temple Moore survey DRc/Emf/135
When dealing with the lead roof gutters throughout the Cathedral I shall relay, repair and make solid the tops of walls beneath, finishing them with fine concrete smoothed to receive the lead gutter direct, ie without any wood bearers and boarding which are so liable to decay. Examine all parapets and repair. Wood snow gratings throughout are in fir and rapidly decaying; should all be replaced in teak. All new rainwater pipes should be in stout lead, most of present piping is in cast iron and little that is not defective.

GUNDULPH'S TOWER 1914 Temple Moore survey DRc/Emf/135
Needs action for its safety and preservation. Quoins and facings repaired and restored as necessary, grouting in quite solid and

pointing all open joints. The fractures should be repaired and similarly grouted. The top of the walls should be made good and covered with stout rough slates bedded in cement and forming a drip on both edges to keep rain from penetrating or running down wall face.

GENERAL 1914 Temple Moore survey DRc/Emf/135
Nothing found seriously wrong anywhere. Settlements and decaying stonework and small rifts in vaulted ceilings.

S. CHOIR TRANSEPT 1914 Temple Moore survey DRc/Emf/135
Movement appears to have been stopped by Cottingham; tie rods, strutting and other remedial measures appear to be doing their work without being over strained.

NORTH CHOIR TRANSEPT 1914 Temple Moore survey DRc/Emf/135
Good deal of settlement generally, effects of which evident in piers in Crypt beneath, but appear old and no movement going on now. In this and other parts of Church, intend placing cement straps across fractures, and to examine from time to time to tell us whether still active and to what extent.

LADY CHAPEL 1914 Temple Moore survey DRc/Emf/135
Internally - Now that refitting of Lady Chapel being contemplated, recommend its extension eastward and putting a really satisfactory Altar and reredos against E. wall of S. Transept in original position. Argument against, that the Consistory Court is held in this Transept should not be allowed to stand against this restoration of an integral part of the original arrangement of the Lady Chapel. Western portion - this has been very badly treated, probably at time nave re-roofed. It has got exceedingly ugly deal roof - should be replaced with a good oak one. Old stone work of interior has in many places been hacked away and restored in Roman cement and surface covered with thin coat of sand faced plaster, marked out in sham stone lines. Should be carefully cleaned off together with Roman cement restorations of mouldings, which are mostly coming loose, and damaged portions of old stone work carefully renewed and old plaster wall faces repaired.
Externally - parapets of this part and adjoining Nave, probably 80 years old, very mean character. Should be replaced by better and more substantial work.

WINDOWS 1914 Temple Moore survey DRc/Emf/135
Lighting of windows not satisfactory. Great part of Church being too dark owing to heavy character of stained glass; most of these dark windows were designed and painted during a period when good painted glass nearly unobtainable. Great improvement might be effected, both in windows themselves and in resultant lighting by taking out much of the heavy background, which is merely filled in of diaper or canopy work, etc. and refilling spaces with white glass but of course leaving the figure work, inscriptions, and all significant parts of design untouched.

FITTINGS 1914 Temple Moore survey DRc/Emf/135
Present High Altar and Reredos in the Church - very unsatisfactory in design and proportion and quite unworthy of the Cathedral. Should opportunity occur to replace should do so. Atrocious pitch pine stalls which now block up E. part of Nave should be removed and would also advocate replacing Screen and Parish Altar of St. Nicholas under W. arch of Tower. This, if properly done, would look extremely well and give right finish to W. limb of Church. This screen was no doubt surmounted by the Great Rood which might well be replaced.

MEMORIALS, etc. 1914 Temple Moore survey DRc/Emf/135
Rochester has in this respect not fared very much worse during the last three quarters of a century than most of our Cathedrals and great Churches, but I must take this opportunity of urging the Dean and Chapter the advisability of exercising very stringent supervision over any things of this nature which in future may be offered to the Cathedral.

RESTORATION July 1914 DRc/Emf/139
On receipt of Mr. Temple Moore'survey, the Dean and Chapter consider it their duty to undertake the renewal of main roof of Nave, Nave Aisle roofs and to proceed to raising roofs of Choir and N. Choir Transepts, and repair Gundulph's Tower. In last 25 years Chapter has rebuilt Tower to its ancient design, rebuilt and redecorated Chapter Room, restored organ, improved N. Transept and beautified Lady Chapel - now appeal to the public.

PALL CASE in Treasury Temple Moore 8 September 1914 DRc/Emf/149
Enclose rough sketch of Pall case for the Treasury Chamber. Best estimate is from Messrs. J. Thompson & Co., Peterborough, namely £98. Includes for all ornamental ironwork made by Messrs. F. Coldron & Son, Brant Broughton, Newark, who do most of my ornamental ironwork...someone told me that Lord Northbourne mentioned some firm whom he would like to be employed for either the ironwork or joinery. Obliged if you would ask Archdeacon whether this Pall case may be put in hand and if Lord Northbourne has any particular wish who should make it.

PALL CASE in Treasury Undated DRc/Emf/149
Rough pencil sketch on tracing paper ½. Tattered."

RESTORATION FUND 21 October 1914 DRc/Ac/25
Agreed to set aside annual sum of £250 for repair. Additional £10 for repair ancient Precinct walls.

WORLD WAR I commenced

PALL CASE in Treasury Northbourne 22 November 1914 DRc/Emf/149
I received a letter from your Chapter Clerk as well as a sketch for proposed case for the Herse Cloth at the Cathedral, which I enclose. I replied at the time that there was so much unforeseen expenditure and matters connected with the War I was unable to give instructions

for this scheme to be proceeded with and there the matter at present stands. The work itself is now in a forward state and I hope will be completed before the close of the year. I will then bring it myself to Rochester and shall be glad at the time to consult you or Mr. Dean as to where it may either permanently or temporarily be placed. The sketch sent by the Architect seems to me a little difficult to make out, and I should prefer a less elaborate character of hinges which would also in my opinion look better horizontally rather than oblique. I make these comments with some misgiving in the knowledge of so great and recognised an authority as that of your Cathedral architect.

HEATING 25 November 1914 DRc/Ac/25
Estimates for hot water pipes instead gas radiators requested.

1 9 1 5

NORTHBOURNE PALL 26 April 1915 DRc/Ac/25
Dean and Chapter resolved that grateful thanks be accorded to Lord Northbourne for his generous gift of a Pall to the Cathedral, and that they further desired to express their sense of the beauty and richness of the work.

HEATING 21 June 1915 DRc/Ac/25
Decision postponed due to desirability employing every man available on Government work.

MEMORIALS Code of Practice 4 October 1915 DRc/Ac/25
Temple Moore to prepare and to publish in Diocesan Chronicle and Cathedral.

NAVE Clerestory windows 25 November 1915 DRc/Ac/25
Temple Moore submitted design scheme for insertion coloured glass. Advice Canon Livett sought.

WAR DAMAGE PRECAUTIONS 25 November 1915 DRc/Ac25
Adviseability of sand bags to be discussed with Cobb.

1 9 1 6

GUNDULPH TOWER 4 January 1916 DRc/Ac/25
Attention drawn by Temple Moore to necessity of repair.

LADY CHAPEL Cobb 8 January 1916 DRc/Emf/139
...in my opinion stone work of window in Lady Chapel where proposed to put new stained glass should be repaired immediately before the glass is fixed.

GUTTERS Cobb 8 January 1916 DRc/Emf/139
I called attention in 1911 to condition of gutters across E. gable and across two N. Transept gables and also N. Choir Aisle; all four have sunk badly owing to decay of woodwork under lead - but may safely be left until after the war.

GUNDULPLH'S TOWER Cobb 8 January 1916 DRc/Emf/139
There are several cracks in Gundulph's Tower which ought to be filled up; I take it they may now be attended to when the weather permits.

MEMORIALS 25 January 1916 DRc/Ac/25
Resolved, no memorial brasses should henceforth be erected in Cathedral.

GUNDULPH TOWER Tool sheds 6 March 1916 DRc/Ac/25
Cobb presented drawings and spec. rebuilding worn out tool sheds outside. Tender sought. Approved 7.4.16.

NORTHBOURNE PALL CASE 20 March 1916 DRc/Ac/25
Dean reported that Pall case given by Lord Northbourne had been completed and placed in the Treasury.

FOORD BEQUEST 7 April 1916 DRc/Ac/25
£2000 towards restoration and internal decoration of S. Choir Aisle and improvement of Cathedral generally, as Trustees think.

MEMORIALS 7 April 1916 DRc/Ac/25
Chapter could not depart from their rule that no tablets be erected unless by invitation.

CLOCK 30 June 1916 DRc/Emf/143
Clock Manufactory, 15 Bowling Green Lane, Clerkenwell
...we understand the chimes do not stop or the clock stop, but that the runs of Cambridge Quarters get out of their proper sequence, due to shutting off of chimes at night - manually...it is 12 years since we repaired and altered this clock...quite time it came to pieces for cleaning, and as would practically come to pieces if automatic mechanism is fitted suggest do at same time. Clock appears in good order...do not suggest replacing. Cost of automatic mechanism which will stop striking of clock after has chimed..(5 p.m - 7.15 a.m) £18.10s

CRYPT CLOCK 25 November 1916 DRc/Ac/25
Purchased from Mr. Bassett Willis. to replace earlier. £3.3s.

1 9 1 7

CRYPT 21 September 1917 DRc/Ac/26
Difficulties arisen in use as shelter by public during air raids; only intended for those in vicinity during air raid; to use assistance of police.

NAVE windows 21 September 1917 DRc/Ac/26
Screens to windows to be erected during Sunday evening services; plans to move congregation to Crypt in event of air raid.

PULPIT steps 21 September 1917 DRc/Ac/26
Filling in steps lead to pulpit with oak.£10.3s.

1 9 1 8

WORLD WAR I ends

CANDLESTICKS & KING JAMES PORTRAIT 23 June 1918 DRc/Ac/26
Ancient candlesticks: Mr. Krall instructed to repair and to supply silver pricketts after old style and not altered in any other way. Portrait James I: V. & A. Museum considered portrait hanging in ante room Chapter Room worth restoring. W. Holder & Sons recommended. Agreed if cost acceptable

BELLS November 1918 DRc/Ac/26
Report by Dean about two additional bells and a request that the Architect should report whether the fitting of these bells would endanger the safety of the Tower or the bell frame. (No evidence that architect reported)

1 9 1 9

NAVE roof 10 January 1919 DRc/Ac/26
Temple Moore' report May 1914, in which he called for urgent need for restoration of Nave roof, and which had been abandoned on account of war, was reconsidered. Agreed when favourable time arrived Diocesan Board of Finance be approached.

KING JAMES I portrait 10 January 1919 DRc/Ac/26
Agreed restoration 15-20 guineas; H. Clifford Smith says good contemporary picture carefullly executed.

NAVE roof 21 March 1919 DRc/Ac/26
If Temple Moore well enough, to be requested to bring the 1914 report up to date with view to appeal for funds being issued to public.

NAVE roof 10 May 1919 DRc/Ac/26
Temple Moore undertook to take full responsibility for proposed restoration work, and supervise personally 'so far as a busy architect's practice would allow', and that if Chapter had in view an architect of greater experience and authority and desired his resignation he would be glad to be informed. Chapter directed Clerk to write that the enquiry as to his health had been made because they were anxious to have his personal supervision...that they had no other architect in view, and to make appointment to meet Chapter.

23 June 1919 DRc/Ac/26
Temple Moore attended Chapter. Extent of work discussed. Ordered to bring report up to date and costed, and on its receipt an appeal to public be prepared for
a) restoration Cathedral roofs (b) erection war memorial (c) restoration and enlargement of organ.

NAVE roof Temple Moore 5 July 1919 DRc/Emf/135
...an alternative suggestion for the design of the proposed new roof has occurred to me and might commend itself to you. This would be to cover the Nave with a slated roof built to the old Norman pitch and finished inside with a flat oak ceiling divided into panels with moulded ribs with carved bosses at the intersections of the ribs.

At the walls (between the Clerestory windows) the ceiling would descend in the form of light fan vaulting (all in oak) to the level of the stone corbels to the present roof. The whole design being similar in character to the ceiling in the Fitzalan Chapel at Arundel. Outside at the E. end of the Nave, the openings in the Tower W. wall have been 'stepped up' in a manner to allow of the Nave roof being restored to the old Nave pitch. The W. end of the new roof would be finished with a timbered gable so as not to interfere with the stonework of the present W. front.

The exterior effect would, I feel, be very good and it would much improve the skyline of the Cathedral if the Nave were covered with a pitched roof. The interior effect would be a rich and interesting ceiling. The lead covering the present Nave roof would (when re-cast) serve to cover the two Aisle roofs, when their restoration is undertaken. These latter, as I have said, should never have been slated, the pitch of them being too flat for slates. The cost of this falternative suggestion could not of course be calculated without marking the design and measuring it but it should not cost more than a new roof of the design of the present one.

If my suggestion were adopted the need for a donation of timber would still remain but we should need mainly fir timber. The material for the ribs and boarding being light and thin, would consume comparatively little oak.

REREDOS proposed new Temple Moore 5 July 1919 DRc/Emf/135
Will require very careful consideration to ensure new design thoroughly worthy of position. Should include new Altar of sufficient length which present one is not, and would involve considerable expenditure.

ORGAN enlargement Temple Moore 5 July 1919 DRc/Emf/135
Am entirely opposed to any alterations which would increase its projection either east or west which would be detrimental to architectural effect of Church. If enlargement considered a necessity, only possible alternative appears to be to design a centre feature to the present case. See no great objection to this unless the partial blocking of the view through the Choir ceiling be one, but I think for present would be best to simply replace the existing defective stops by good new work.

INDULGENCE CHAMBER Temple Moore 5 July 1919 DRc/Emf/135
I have considered a possible new approach to this Chamber from all points, but, except at the serious cost of a new outside stone staircase (and that not a very satisfactory one) I could find no solution to the difficulty. But if the work were done with great care I believe the original approach might be restored to use.

This approach by means of a stairway in the wall, starting a little east of the middle of the S. wall of the S. Choir Transept and going straight eastward until it reaches the great pier at the S.E. angle, whence it becomes spiral to the level of the Chamber with the exception of a few feet at the bottom of the stairway, the whole

space occupied by it has been built up and (probably) filled in solid. This was done as far as one can judge not because there were any fractures in or immediately adjacent to the stairway but because of a very natural desire to make all hollow work solid at this part of Church where settlement occurred. If the clearing out be done carefully keeping vigilant watch on the walls enclosing the stairway, any defective work could be at once repaired and made solid before proceeding. No further movement of the structure was dicoverable at the time I made my complete survey in 1913, nor since, and probably none has occured since Mr. Cottingham's time. The Indulgence Chamber has no floor now, is a good deal filled up and generally inconvenienced by the great shores and tie rods inserted by Mr. Cottingham (which one would not attempt to move), and a considerable amount of work would be required to make the Chamber fit for the reception of books.

NAVE roof 24 July 1919 Drc/Ac/26
Temple Moore report received. To be asked for sketch of proposals and cost of difference between slate and lead.

RESTORATION 17 December 1919 DRc/Ac/26
Ordered that a meeting of General Committee be held at Church House, Westminster.

1 9 2 0

BELLS 2 March 1920 DRc/Ac/26

Letter read from Dean..two additional bells had been promised by an anonymous donor. Chapter Clerk instructed to obtain particulars of the weight of the bells and to ascertain from Mr Temple Moore whether such weight, together with the vibration, were likely to affect the stability of the Tower.

29 March 1920 DRc/Ac/26

Archdeacon reported that estimate received from Messrs. Gillett & Johnson to supply two new Bells with cast iron and steel frame on steel joists and to supply two sets of ringing fittings for £318. Further estimate of £127 submitted for 8 steel struts to strengthen existing frame and to tune existing Bells 1 and 2. Ordered that estimates be accepted subject to Mr. Temple Moore being satisfied that the structure was sufficient to carry additional weight.

PRECINCT proposal 8 April 1920 DRc/Emf/153

E.F. Cobb: drawing proposed wrought iron fence and gate under flying buttress near S. door; ink on linen, good condition; 12'to 1"

NAVE ROOF 4 June 1920 DRc/Ac/26

Restoration Committee: Lord Northbourne, K.A.S. , C.H. Peers, Soc. Antiquaries, F.C. Eeles V.& A. Museum, F.H. Day, co-opted
Executive Committee: ..strong criticisms against plan for new roof which had been adopted at Public Meeting and by Dean and Chapter; your Committee..after communicating with Temple Moore believe it their duty to recommend..further consideration..delay drafting appeal. On reading Mr. Moore's report again and after interviewing Leslie Moore no means certain that present roof incapable of repair. Admittedly cannot be ascertained till lead stripped off and work begun. On comparing roof with others in County have concluded Cottingham's work probably faithful reproduction of 15th century which he found there and in harmony with the clerestory. Even possible that part of 15th century work may be found still remaining.
Also borne in mind prevailing ideas about Restoration, believe that aim of Committee should be towards preservation of existing fabric without introduction of any new features which may or may not have been in minds of original builders.
Following recommendations:
i. That this Committee cannot recommend any plan which proposes to alter the present pitch of the Nave Roof
ii) That the Committee recommend that present roof be repaired if possible, but that if on examination is found incapable of repair, be renewed in oak, keeping to present design
iii) That in describing the work proposed and in name of Committee the word 'preservation' should be used in place of word 'restoration' which has a bad history, and is likely to be misunderstood in some quarters.
Executive Committee aware may have exceeded their reference, but believe that General Committee when have heard these views will recognise highly important to consider matter further before making an appeal for funds..which seriously affects an ancient and

historical fabric..reconsider questions of Organ and War Memorial..should not be proceeded with at present.

BELLS 7 June 1920 DRc/Ac/26
Reported that Cathedral Architect decided that proposed struts to support new Bells not necessary.

RESTORATION 23 June 1920 DRc/Ac/26
Report received from Executive Committee. Recommendations accepted and in particular repair of Nave roof to present design if possible.

NAVE and AISLE ROOFS 28 June 1920 DRc/Ac/26
Clerk to Temple Moore: Chapter, on advice of General Committee decided adopt your first plan of repairing the roofs of Nave and Aisle, and if it is found impossible, to rebuild them in oak or other hard timber, using lead instead of slates for aisle roofs, unless some other suitable material which is cheaper and equally effective can be recommended. Chapter recognise impossible determine whether repair advisable instead of rebuilding without stripping lead from one or two bays..consequence willing arrange this be done without delay so in making appeal may be able give estimate of sum required. Before giving their instructions for this preliminary work Chapter wish be assured you can give the matter your personal attention by examining the roof yourself..cannot be satisfied by recommendation you may make on reorts from investigations not made by you personally..

ARCHITECT - Forsyth, W.A. 10 July 1920 C.C.C.
Mr. W.A. Forsyth proposed as architect for the Cathedral. On S.P.A.B. Committee and wide experience of modern work.

ARCHITECT - Temple Moore 27 July 1920 DRc/Ac/26
Reported Mr. Moore died suddenly. Executive Committee requested Chapter obtain services Prof. Lethaby in an advisory capacity with an architect recommended by him to work in an executive capacity. Agreed.

GUNDULPH TOWER 27 July 1920 DRc/Ac/26
Report on its condition by Temple Moore to be given to Committee

S.TRANSEPT wall decoration Eeles to Lethaby 24 August 1920 C.C.C.
Archdeacon and I thinking of removing little of recent coats of whitewash which are very loose in places with view seeing extent of work beneath.

S.CHOIR AISLE Eeles to Lethaby 27 August 1920 C.C.C.
On walls of S. Choir Aisle leading out of S. Transept on N. wall over monument of Bishop John de Bradfield, we found several modern coats of wash ready to scale off in large pieces quite easily, leaving extensive surface of very simple mediaeval decoration in very good condition. We found nothing but red outlines representing masonry on a creamy white ground. I think the whole could be exposed without difficulty. On W. wall on S. side of arch leading into Transept we found a large figure of St. Andrew holding his

cross. In this case the later coats of wash do not come off so easily nor is the plaster in such good condition. We only uncovered where coats were loose. Further south of this wall found traces of painting, but plaster had left wall in some places, badly broken and mended. Whole area repay careful treatment; suggest old painting exposed, preserved and rest of walls cleaned and coated with lime wash.

Roof a puzzle - ribs of fourteenth century section and coated with paint and spaces between plastered, which appears modern; think judging by analogy of other roofs in this county...suggest to remove this plaster and expose rafters and place a white lining of some sort between; clean ribs and bosses.

GUNDULPH TOWER Eeles to Lethaby 27 August 1920 C.C.C.
Dug down yesterday within Tower and found old floor nearly 2' below present earth's surface.

Eeles DRc/Emf/144
Before Bishop Gundulph began building new Church there was built 50 yards to the E. of the old one the Tower known by his name. Walls 6' thick buttressed at the angles enclose a space 20' square and now reduced to 40' in height. That tower was built before Church is proved by existence of a window on each side of ground storey two of which became useless when Church was erected. These had all been blocked up until the recent repairs when one on the E. side was cleared out revealing a tall narrow opening with splayed jambs and a stepped sill. Quoin and arch stones entirely disappeared. Of windows in upper storey, the battered remains of one on N. side alone remain and of this all but four of original tufa quoin stones have disappeared, leaving merely a rugged aperture. Has been repaired with old fragments of stone and glazed. Absence of windows in clerestorey of N. Transept prove it was at least half as high again as it is now and that is confirmed by old illustrations.
There is a blocked up doorway in S.W. corner of upper storey but nothing has been found to indicate the position of the original entrance on ground floor; the existing entrance on the N. being a comparatively modern looking opening lined with brickwork, and the on the S. is an opening cut through the back of an early Norman recess.
There are traces of an arched opening in the N. wall between the modern entrance and the E. angle but of the opening they once helped to span no other visible remains. No traces of any staircase have yet been found. Recent excavating resulted in the discovery of a floor of beaten clay 1" thick, 3½' below the paving level of the doorway leading to the N. Choir Aisle laid upon a bed of gravel flint and small lumps of chalk 2' in thickness. A layer of ashed attaining in parts a thickness of 4" was spread over the floor, this and a lump of molten lead suggested a lead covered roof destroyed by fire.
Ranges of holes in the E. and W. walls show that the first stage was 23' above present ground floor. The timbers were 10'11" deep, 8"-9" wide about 2'4" apart. They were laid upon a 9" x 5" plate and had bearings extending as much as 4'6" on to the wall. Walls have been destroyed to below level of next floor above.

There is a small chamber, probably a garde robe in S.E. corner of this stage. This had been filled in solidly with rubble and the removal of some of it brought to light some of the v. extensive fissures in the original wall which lead to the erection of the great buttresses in thirteenth century.
Old prints of the exterior show that the thirteenth century builders also added a projecting arcade carried upon corbels in the manner of machiolations and an arch linking the Tower with E. Transept. Of the roof itself there is no record known to the writer.
Whatever original purpose for which the Tower erected there is documentaryu proof that it was at an early date used as a bell tower and bells Thalebot and Bretun were hung in it.
In 1343 Bishop Hamo de Hythe 'caused the new steeple of the Church of Rochester to be carried up higher with stones and timbers to be covered with lead. He also placed in the same 4 new bells whose names are Dunstan, Paulinus, Ithamar and Lanfranc'. Upon a small fragment of a bell found in Gundulph's Tower are the letters Pa - surely this is a piece of Bishop Hamo's old bell Paulinus brought from the central tower to the workshop of the Cathedral to be broken up and re-cast.
Among other objects found when excavating in the Tower were some Purbeck marble fragments of a tomb or shrine, pieces of glazed tiles and other pottery. The pieces of tile have been bedded on the floor of the easternmost window recess on N. side of Crypt next but one to...
Although roofless, walls appear to have retained their full height until about 1816 when some 25' were pulled down to supply material for repairs to the Church, and so one of the most ancient and interesting examples of a detached Campanile was left a ruin. Pigeons, ivy, weeds and even trees continued the work of destruction until 2 years ago when the dangerous frequency of falling stones compelled action to be taken. Cost met by Freemasons of Kent, whose gift to present met nearly half expenditure incurred.

GUNDULPH'S TOWER repairs DRc/Emf/144 undated typescript ?Cobb
Vegetation removed from walls, long roots traced and cut out, loose portions of masonry taken down and reset. Head of N. wall and N.E. buttress needing most attention in this respect. Middle part of E. wall which had crumbled away on each side of the window opening until all traces of it had disappeared has been raised to the level of the other walls to enable the whole to be roofed in with a reinforced concrete and hollow tile roof covered with asphalte. The worst of the fractured and crumbling Reigate stone quoins of the thirteenth century buttresses have been replaced in Doulting stone. Large portions of the outer face of the walls have been pointed, loose parts bonded into the core and cavities filled in with cement. The exposed and crumbling core on the interior of the walls has been refaced for most part in brickwork.

Old stones were used in facing a portion of the W. wall, among them one bearing the Arms of Bishop Kemp 1419-21 and two with shields from which the charges have disappeared. These once embellished a low pitched gable possibly that of the W. front restored by Cottingham nearly a hundred years ago when all the shields were

replaced by new ones. The three stones were found in 1910 covering a drain in the road at the back of Minor Canons Row. Only three shields out of five are shown on the parapet of W. gable in Buckler's N.W. view 1810.

Ground floor has been paved and divided by partitions into fuel store and a chamber filled with a boiler and other appliances for use in connection with the cleaning of the building and its fittings. Gas and electric services will be controlled from this point.

An oak staircase leads to a large landing over fuel store and thence to new floor at same level as ancient one, where reconstructed and well lighted apartment is well adapted for use as a Museum.

BELLS 6 September 1920 DRc/Ac/26
Gillett & Johnstone, Bell Founders: cost of tuning 8 bells, 5 being re-cast £439 with loss 6 cwt. metal in process.

SILVER LAMP 6 September 1920 DRc/Ac/26
Gift by Patriarch of Jerusalem accepted, hung in Lady Chapel and lighted during Holy Communion.

BELLS 23 September 1920 DRc/Ac/26
Letters read from Gillett & Johnson giving reasons for increasing estimate and from Mr. Walters to whom Archdeacon had written on matter. Chapter not being satisfied that were in possession of full information resolved consult W.W. Harmer of Tunbridge Wells..offer 5 guineas and expenses.

LADY CHAPEL window 23 September 1920 Drc/Ac/26
Holy Trinity, Brompton requesting stained glass removed from Lady Chapel on erection new window to Old Roffensians. Agreed.

BELLS 6 October 1920 DRc/Ac/26
Harmer advised have all bells recast and tuned. Undertook to re-negotiate estimate with Gillett & Johnstone.

23 October 1920 DRc/Ac/26
Special meeting with Harmer and Johnstons. Ordered statement be published offering possible donors opportunity offering war memorial in connection with re-casting. Bellfounders be informed Chapter not in position to place order but to provide estimate for individual re-castings.

15 November 1920 DRc/Ac/26
Offers to pay for individual bells received from various individuals. Work ordered to proceed.

NAVE ROOF 25 November 1920 DRc/Ac/26
Cobb report: urgent repairs done to lead. £9.14.6d.

LECTERN 25 November 1920 DRc/Ac/26
Cobb design for oak stand for Nave accepted £6-10.

ARCHITECT 25 November 1920 Drc/Ac/26
Resolved Prof. Lethaby be appointed Cathedral Architect with E.F. Cobb as Resident Assistant. Salaries be paid by Chapter and Cathedral Preservation Society. Terms agreed 17.12.20

PRECINCT ancient walls 25 November 1920 DRc/Ac/26
E.F. Cobb received offer two loads of old Kent Rag and Bath stone for cost of removal; asked permission store corner King's Orchard. Agreed.

BELLS 17 December 1920 DRc/Ac/26
Bells taken away for re-casting. Request if one could be borrowed to sound hours of service.

1 9 2 1

SERVICES 29 January 1921 DRc/Ac/26
Cobb submitted designs for new gas fittings in Nave. Approved by Lethaby who had intimated that hoped nothing would defer installation electric light throughout Cathedral. New design be substituted for those above Stalls.

CLOCK 29 January 1921 Drc/Ac/26
Automatic arrangement for stopping strike of clock removed but retained.

PRECINCT Ancient walls 28 February 1921 DRc/Ac/26
Portion collapsed at east of Deanery garden; Corporation offered resume right of ownership and undertake responsibility repair from Messrs. Leonard's premises along its whole course to and including Bastion in garden King's School. A recital agreeing to be sent. Draft conveyance for Corporation approved 7 April.

SOUTH CHOIR AISLE Lethaby 8 March 1921 DRc/Emf/135
Somewhat bare and neglected...but the most authentic uninjured and impressive parts of whole Cathedral. Could easily be spoilt by new work and any addition to fabric would so far necessarily be a set off to the antiquity. So much was done by way of additions and alterations to our ancient Cathedrals during the last century that it has now become the most pressing problem to preserve for as long as possible all that now remains to us. Antiquity is a large part of the very essence of our historical churches, larger and more ornamental churches could easily be erected today in America, but it is antiquity which Rochester Cathedral can give us. Right course...to repair S. Choir Aisle...exactly as it is. To continue the remdoval of the modern whitewash thus exposing the underlay of mediaeval painting so far as it exists. To distemper the rest of the walls to make them clean and wholesome.
Beyond this conservative repair, additions should be of furnishing and by this means this beautiful part of the Cathedral might be given a special use and attractiveness of its own.
1) Provision of some well made oak presses and bookcases to put against the blank S. wall where plastering is discoloured and ragged, placing here a selection of appropriate books.

2) A few good oak seats near by.
3) Hanging from the roof a pair of good (but not heavy) old brass chandeliers. These can easily be obtained and would be ready for electric lighting when that is introduced.
4) A piece of tapestry to hang against the wooden framing of the Vestry over the Crypt door. This I should like made as a record of some of the old wall paintings in the Church which are fading away, ie beautiful pattern over the tomb in the N.E. Transept.
5) Bring a few choice fragments from the store and attach to the walls
6) Get a uniform set of small copies of the ancient wall paintings, framed and put up on the flank of the wooden framing of the Vestry. Say half a dozen the width of the panels.
Such a programme I venture to suggest would make this important part of the Cathedral seem as attractive and as beautiful as it really is without the least attacking its authenticity. The fine and remarkable wood ceiling (fourteenth century) should be cleaned and cautiously repaired.

Updated Part II of Temple Moore's Report - World War I intervened.

S.CHOIR AISLE 7 April 1921 DRc/Ac/26
Prof. Lethaby and Cobb discussed with Chapter, and views of Foord Trustees explained. Removal of modern whitewash to be continued exposing underlying mediaeval painting so far as it exists, to distemper rest of walls and make clean and wholesome; clean and repair remarkable wood ceiling; Foord Trustees to be requested to carry out work under supeintendence Prof. Lethaby and Cobb.

WEST END wall 7 April 1921 DRc/Ac/26
Cobb reported repairs necessary wall above west window. Approved.

CRYPT 7 April 1921 DRc/Ac/26
Prof.Lethaby reported gift valuable stained glass by Rev. Wheatley; suggested be placed E. window Crypt. Agreed.

NAVE roof Lethaby & Cobb survey 28 April 1921 DRc/Emf/135
Large repairs to fabric now pressing, and many urgently necessary and much steady work required to bring to sound state. External roofs are in a bad condition. That of the Nave is of lead and this must be taken up and recast with much addition of material and relaid. At same time the timber roof will have to be thoroughly repaired. It was extensively renewed about 100 years ago. The old forms were however carefully copied and it is still essentially the roof erected in the fifteenth century when the clerestory was also altered. The renovation of the last century seems to have been executed in deal, but recent examination reveals that considerable parts of original oakwork remain. Drawings of the old roof also exist made before it was restored. Roof requires much repair - how much impossible to assess, but desirable to use oak.

NAVE AISLES Lethaby & Cobb survey 28 April 1921 DRc/Emf/135
Roofs over aisles are too low a pitch for the slating and it is in

bad condition. Must be renewed in lead and much timber work which is entirely modern and of poor quality must be renewed.

NAVE walls external Lethaby & Cobb survey 28 April 1921 DRc/Emf/135
Coped clerestory on S. side urgently in need of repair and new copings. String course below parapet largely perished and some will have to be cut out and replaced.

GUNDULPH'S TOWER Lethaby & Cobb survey 28 April 1921 DRc/Emf/135
A most interesting relic of the eleventh century; must be extensively repaired and repointed. It is built of thick rubble walls which are ruined at the top and the interior is not protected by any roof. The walls are consequently wholly exposed and they are falling into rapid decay. The upper portion of the walling requires to be consolidated and the whole thoroughly repaired. Also advantageous to cover interior with simple roof which would not alter exterior appearance of the ancient structure.

EAST END Lethaby & Cobb survey 28 April 1921 DRc/Emf/135
Many repairs are also required in the eastern parts of the Church; an important flying buttress on the N. side has been shored up for many years and must be put in sound condition as soon as possible.

N.CHOIR AISLE roof Lethaby & Cobb survey 28 April 1921 DRc/Emf/135
Gutter boards and bearers have perished causing a long length of gutter to sink several inches below its proper level. The flat is springy in parts and it is feared renewal of whole may be necessary when uncovered.
Upper surface of flying buttress over this roof is now covered by ordinary plain roofing tiles in a somewhat defective condition, many having been loosened by roots and action of weather. Water soaking through the tile covering and running off verges down sides of buttress has caused decay of much stonework, particularly in lower order of arch under which a strong timber centering was placed many years ago. Extensive repairs to stonework are required including a number of voussoirs of the arch.

CHAPTER HOUSE Lethaby & Cobb survey 28 April 1921 DRc/Emf/135
Parapets and roofs require considerable repair and also walls of ruined twelfth century Chapter House...walls are exposed both sides; must be carefully gone over if not to fall into irremediable decay. Suggest small permanent staff under constant supervision.

S.CHOIR AISLE roof Lethaby & Cobb survey 28 April 1921 DRc/Emf/135

Although leaks occasionally occur in lead it is apparently still in fairly good condition admitting of maintenance for some years to come by proper attention and repair. Joists and boarding under lead are about 45 years old and where visible appear to be in good condition although not free from insect holes. The still remaining timbers of the fourteenth century roof have suffered consideraby from decay and from depredations of wood boring insects. The plate and ends of timbers on N. side have been drawn away as much as 6" from their original bearings on the outer side of the wall of the Choir by outward movement of S. wall. Measures taken in past to

arrest this movements of the wall by buttressing and insertion of ties, additional beams and strutting, have proved entirely successful and no additional works appear needed. Of the moulded oak ribs of the lop sided inner roof, at least two are fractured and have been secured to timbering above. Extremely likely that during years that have elapsed since last repairs were undertaken, further decay and damage by insects may have rendered necessary additional work.

INDULGENCE CHAMBER Lethaby & Cobb survey 28 April 1921 DRc/Emf/135

Lead here needs re-casting and the boarding and timbers fairly extensive repairs.

EAST END roof Lethaby & Cobb survey 28 April 1921 DRc/Emf/135

Some of stonework at E. end, notably the two pinnacles and roofs of the great angle buttress or turrets is very bad.

GUNDULPLH'S TOWER Lethaby & Cobb survey 28 April 1921 DRc/Emf/135

Due to falling stones, scaffolding erected in interior to facilitate removal of loose stones and trees, ivy, etc. which have so greatly damaged the walls. Scaffold left in position as temporary protection for falling stones. Upper part of N. face of tower being in particularly loose state, a small staging has been put up at the base to break fall of any stones that may become dislodged. Thorough repair of masonry and protection of wall tops from further injury by weather, vegetation and pigeons have become matters of urgency. Sketch plans prepared to cover Tower with a reinforced concrete and asphalte flat, method for maximum protection, minimal alteration to exterior appearance. Insertion of a floor at the old upper level would provide a room of great value for a small workshop or store. Absence of any other building and even site for use as fuel store continued use of ground floor unfortunately appears unavoidable.

Alterations and re-arrangements can be made to improve the entrance from the N. Choir Aisle and to improve conditions in Tower itself by removal of delapidated timber and tiled coke shed, and changing position of gas meter. Expenditure of over £20.000 will have to be incurred.

S. CHOIR AISLE 4 May 1921 DRc/Ac/26
Dean purchased chest from Mr. Woollen £18 to be placed in Aisle. Foord Trustees to reimburse.

NAVE roof E.F. Cobb survey June 1921 DRc/Emf/135
Whole of leadwork covering Nave roof and gutters must be stripped off, recast and laid in smaller sheets, and arrangements for measures for expansion and contraction. Gutters to be reformed in concrete upon top of clerestory walls, entirely eliminating all woodwork in boarding and bearers and laying asphalte directly upon the concrete. Vertical side to gutter would also be formed at foot of roof slope instead of flat pitched sloping side so liable to leakage. Lead evidently very thin in places and a large proportion

of entirely new material will be required to make up deficiencies in recasting.
Close inspection from inside reveals that it is composed principally of fir wood combined with some remains of older oak roof re-used in parts, repaired by patches bolted on and by plaster stopping, the whole being stained or painted brown. Enough old oak remains to show that the roof is practically the old one reproduced, nearly all the wall posts appear to be original also some of the curved braces, rafters and other pieces.
Although beyond insect holes and some traces of decay few defects are actually discernible, there can be no doubt that once the old work is opened up, more extensive repairs may be found necessary. We fully expect that it will be found practicable, well and strongly to repair the ends of the beams and other timbers decayed by contact with the walls in such a manner as to leave the appearance of the roof unchanged. Where fir timbers have to be renewed it would be well to substitute oak.

NAVE CLERESTORY E.F. Cobb survey June 1921 DRc/Emf/135
Large areas of the face of stonework is in very decayed state, while the string course below the parapet has almost entirely perished. The defective stones ought to be cut out and replaced by new and the whole repointed and rendered more weather resisting particularly on the S. side.

NAVE AISLES roofs E.F. Cobb survey June 1921 DRc/Emf/135
Roofs seen from inside are really false roofs or ceilings at a flatter pitch than the outer roof. These ceilings are poor things of stained fir wood and entirely ( ). Large numbers of slates have been damaged, some in all probability by stones falling from the crumbling clerestory walls. These roofs should be stripped, woodwork repaired or renewed, boarded and covered with cast lead as formerly. Decayed condition of parts of woodwork and W. end of S. Aisle shows fairly extensive renewals likely to be unavoidable; desirable to renew whole; a roof of strong oak timbers without false ceiling preferable.

LADY CHAPEL roof E.F. Cobb survey June 1921 DRc/Emf/135
Flat pitch, covered with lead, old and worn, leaking occasionally. Repairs as to other roofs.

N.W. & S.W.TRANSEPTS roofs E.F. Cobb survey June 1921 DRc/Emf/135
As slates occasionally slip or blow off, the nails are proabably nearing the end of their service, but there is no indication that stripping and relaying is likely to become necessary for some years to come. Greater part of wooden vaulting over S. Transept of Nave is modern and it is not anticipated that much repair is needed.

CHOIR & N.CHOIR TRANSEPT roof E.F.Cobb survey June 1921 DRc/Emf/135
Existing low pitched roofs are in such need of repair as could only be done effectively by stripping and relaying the slating and the lead work in valleys, ridges etc. The time is at hand when the long delayed raising of the roofs to the pitch of the high gables ought to be carried out and the opportunity taken to renew decaying

timbers. The raising of these roofs will produce a structural improvement in addition to the aesthetic, since the lofts will become better lighted and ventilated and timbers less likely to injury from leakings, often discovered due to driving rains on the low pitched slate roof. Suggest new covering of slates in graduated courses either green Westmoreland or grey from the Delabole quarries.

S. CHOIR TRANSEPT roof E.F. Cobb survey June 1921 DRc/Emf/135
Gable end, not having been raised, I should propose to leave it and the pitch unchanged for same reasons that caused it to be left by Mr. Cottingham and Sir Geo. Gilbert Scott, ie the undesirability of adding anything to the weight on the foundations. The roof itself is in the same need of repair as are those of the Choir and the corresponding Transept on the North - some of the best of the old slates might well be used in recovering it after stripping, the bulk of the remainder for the lowest courses of the main roof.

CHAPTER ROOM roof E.F. Cobb survey June 1921 DRc/Emf/135
Tiling needs stripping and relaying with such incidental relathing or battening and other repairs to woodwork as may be necessary.

GUTTERS E.F. Cobb survey June 1921 DRc/Emf/135
There are now practically no snow gratings; these should however be supplied to all guttering at the foot of pitched roofs. Gutters most urgently need renewing in front of E. gable and gable of N. Choir Transept and N. Choir Aisle. Existing C.I. and R.W. heads in which usual inherent defects are continually becoming apparent - replace in lead.

PARAPETS & COPINGS E.F. Cobb survey June 1921 DRc/Emf/135
Of Choir and Transepts are in fairly good condition requiring little beyond pointing, replacement of a few decayed stones. Those of Nave and Aisles have suffered severely from weather and should be of a more substantial section.

BELLS 10 June 1921 DRc/Ac/26
Gillett & Johnson account approved. £460.

CLOCK 10 June 1921 Drc/Ac/26
Repair and new striker agreed; re-painted and gilded, also wire for chiming apparatus supplied.

S.CHOIR AISLE 19 July 1921 DRc/Ac/26
Work to proceed from 8 August.

NAVE roofs 23 September 1921 DRc/Ac/26
Lofting, builder, offered to accept 100 guineas in settlement or offer take matter to arbitration; £75 agreed.

ANCIENT COFFIN 16 December 1921 DRc/Ac/26
Mr. Cobb reported an ancient coffin cover in Crypt broken by visitors; ordered to be cemented together.

1 9 2 2

FOORD BEQUEST 6 March 1922 DRc/Ac/26
Prof. Lethaby and Mr. E.F. Cobb presented report on further work considered might be done; it was ordered that following work be carried out:
Music Library: panel doors...
S.Choir Aisle: bookshelving: to fill recess formed by blocking of small doorway W. wall
Entrance to Crypt: substitute oak hand rail
Chapter Room: to refloor ante room with oak boarding, renewing any decayed joists; replastering ceiling beneath and any necessary incidental distempering, painting. Substitute oak gown cupboard for deal. Alter and rehang S. door of Chapter Room to open inwards instead of outwards
S.Choir Aisle: windows: if funds permit to agree to suggestion of Foord Trustees that should be filled with stained glass as personal memorial to late Mr. Foord

FURNISHING 22 May 1922 DRc/Ac/27
Babtismal shell, formerly property Bishop Thorold, presented by Mr. Golding Bird.
A shot believed to have been fired at Altar by Cromwell's soldiers presented by Miss Stevens. Cromwellian relics moved to Crypt.

GUNDULPH TOWER 23 June 1922 DRc/Ac/27
Consent given to Cobb's scheme for restoration.

1 9 2 3

CHAPTER ROOM oak chest 19 March 1923 DRc/Ac/27
Cobb's drawings oak frontal chest and cupboard for vergers' gowns for ante room approved. Foord Trustees £165.

NAVE S. AISLE 19 March 1923 DRc/Ac/27
Cobb reported iron smoke pipes from stove worn out needed renewal including portion wall. Recommended removal stove few feet eastwards, building brick flue finishing with small chimney stack behind parapet gutter; agreed by Lethaby. Second hand one purchased.

CHOIR stove 19 March 1923 DRc/Ac/27
Cobb suggested removal stove in S. Transept into N. Transept and removal entirely gas radiators.

CRYPT Wall paintings 9 May 1923 DRc/Ac/27
Estimate Mr. Tristram for restoration and preservation. £30. accepted.

FOORD BEQUEST 9 May 1923 DRc/Ac/27
Balance £600 outstanding; sunmission for a) nave altar removed in 1423 be restored (b) Jesus Chapel be renovated, restored, (c) porch be erected inside s.choir aisle owing to draughts.

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JESUS CHAPEL 15 January 1924 DRc/Ac/27
Cleaning and decoration agreed.

CHAPTER ROOM electric lighting 22 February 1924 DRc/Ac/27
Two pendants in cut glass bowl, 1 in ante room.

NAVE roof 21 April 1924 DRc/Ac/27
Consideration of question repair or restoration and correspondence between Prof. Lethaby, Archdeacon and Mr. Cobb read to Chapter. Agreed Mr. Cobb should make thorough examination, removing lead where necessary and report.

GUNDULPH TOWER 21 April 1924 DRc/Ac/27
Work progressing, greater part of cost be met Free Masons.

PRECINCT Ancient walls 21 April 1924 DRc/Ac/27
Cobb ordered proceed with repair, to employ 2 men under his supervision.

N.CHOIR AISLE Report Cobb 19 June 1924 CCC
Gutter extending from outlet near Flying Buttress to W. wall of Choir Transept has been renewed with lead upon a bed of concrete covered with Ruberoid and the brick parapet rebuilt. Wooden gutter board and bearers, entirely decayed and part of wall plate very badly damaged by beetle have been removed. Almost whole of woodwork of roof riddled with insect holes but as lead in fairly good state may be expected to last for many years unless timbers give way; unnecessary to do more at present with exception of improving ventilation of roof space. Three stacks of rectangular cast iron rainwater piping with heads discharging onto this roof have been replaced with lead.

FLYING BUTTRESS north Cobb 19 June 1924 CCC
Flying buttress has been strengthened by removing loose part of rubble core for length of about thirteen feet over arch and substituting concreate reinforced with steel bars and wire. Missing, crushed, split and decayed voussoirs of the lower order of arch replaced by new Portland stone. Top of buttress covered with coping Portland stone slabs draining into stone channel and lead rainwater head.
Presbytery N. wall was strongly shored to resist thrust of vaulting during execution of repairs to flying buttress and on completion the centering which had supported the arch for many years past was removed and whole buttress twice coated with limewash.

N.W. TRANSEPT roof Cobb 19 June 1924 CCC
Sunken lead gutter in front of base of gable taken up, decayed remains of boarding bearers removed and replaced with concrete reinforced with wire netting. Greater part of old lead relaid and some new lead on a layer of Ruberoid being placed between it and concrete.

N.E. TRANSEPT roof Cobb 19 June 1924 CCC
Corresponding gutter to this gable similarly treated. No new lead was required.

E.END gable Cobb report 19 June 1924 CCC
Gutter in front of E. gable removed. Very large quantity of concrete would have been required to reform it to receive lead and old lead was not in such good condition as that of the two gutters previously treated; preparations made for covering wall head with asphalte upon a comparatively thin bed of concrete. Wall head is in very good sound condition.

NAVE roof Cobb report June 1924 CCC
Examination of timbers made from exterior during latter part last April. Lead lifted and turned back and gutter boards taken up at three places on each side of the roof, points selected for examination being where condition lead and stains on Clerestory walls indicated that the timbers were most likely to have suffered from the effect of leakages. In all 57 ft. run of gutter were opened up on N. side and 55 ft. on S. cut of total length of about 252 ft.

The end of the tie beam of the Westernmost truss on N. side and a number of wooden blocks supporting gutters were decayed while on S. 17 ft. run of 14" x 7" wall plate and portion of smaller upper plate very badly decayed.

With these exceptions and fairly extensive traces of small wood boring insect, condition of timbers and of the roof and gutter boarding where examined is good considering the age. Some pieces of fungus that were found had dried up and become harmless evidently owing to the very thorough ventilation of space beneath gutters through holes at backs of rainwater heads. These openings had however permitted entrance of pigeons, starlings and other birds to extent that no less than eight sacks full of nesting material and other rubbish were removed from the parts inspected. Guard wire has been put over the openings.

Opportunity taken to wedge up end of beam bearing on decayed plate on S. side (to relieve latter of its great weight and reduce risk of settlement), and to renew the decayed gutter bearers on N. side with same object.
Amount of repair required to woodwork does not appear to be extensive, although wood boring insects have doubtless done far more damage than can now be seen. Lead is in a thoroughly bad state and must be entirely renewed.
Wall head where exposed to view appears to be sound and the very extensive decay of the masonry of Clerestory may be superficial only.
Additional notes on gutters:
S. side - a length of gutter extending 22 ft. westwards from easternmost outlet to R.W. head revealed the lower 14" x 7" fir plate to be badly decayed on its underside for the length of 17 ft. and the upper 5" x 3½" plate for a shorter length. Extensive traces

of wood boring insect. End of one tie beam of second truss from the E. end projects over the plate and is sound, this was blocked up to relieve the plate of its weight. An opening midway between E. and W. ends of gutter disclosed nothing and one extending 18 ft. eastwards from S.W. turret very little of consequence.
N. side - an opening extending 33 ft eastwards from N.W. turret some blocks supporting the ends of gutter bearers were badly decayed and have been renewed. End of tie beam of first truss from W. end somewhat decayed. Opening made midway between E. and W. ends of gutter. An opening extending 16 ft. eastwards from last outlet with the exception of traces of decay and of insect holes the condition was good.

General conclusion:
Nave roof - whole of lead must be taken up and renewed. Gutters must be reconstructed with proper falls, rolls and drips. May not be necessary to renew a very large proportion of the timber. Such pitch pine as we have seen is in good state as is also roof boarding. Existing timber work must be treated to destroy beetle.

NAVE AISLES roofs Cobb report June 1924 CCC
Aisle roofs - outer roofs should be reconstructed to the same pitch as the inner and boarded and covered with lead (or copper). The poor inner roofs of fir might be replaced by oak as more durable and more worthy than stained deal.
The roof at W. end of S. Aisle is undoubtedly in very bad state due both to decay and beetle.

Conclusion: While close estimate is impossible, prospect should be faced of £10,000 being required to meet cost of repairing Nave roof, Clerestory walls, windows, parapets, new lead covered roofs to Aisles and Lady chapel and other pressing repairs. Work ought to be begun in early spring whether it be next or following year.

PRECINCT Cloister walls Cobb 19 June 1924 CCC
Vegetation removed from walls; stonework displaced by larger root growth re-bedded. Jambs of doorway uncovered down to bases of shafts; that on E. side adjoining lavatory in very weak condition owing to decay of stonework; underpinned and strengthened. Condition of these walls cannot be regarded as satisfactory until protected from action of weather by projecting waterproof copings or roofs. At present all water falls upon them soaks in and risk of falls of masonry always present. One of roof corbels in Chapter House was rent by frost last winter and fell to ground.

ELECTRIC LIGHT Cobb 19 June 1924 CCC
Electric light installed in Chapter Room and its approaches, Slype under, Crypt Vestries, lamp ouside S. door, King's School Vestry, ringing chamnber in Tower, and approach to it through roof over Presbytery and staircase leading to roof of N. Choir Aisle. Preparations made for supply from main to enter through Gundulph's Tower instead of through Crypt, enabling future lighting of whole building to be controlled from one convenient accessible point. Preparations for lighting N. Transept.

HEATING Cobb 19 June 1924 CCC
Brick chimney built for stove in S. Aisle. Choir stove removed from S. to N. Transept and fitted with straight iron flue pipe upon a brick base. N. Aisle stove practically worn out, should be replaced.

NAVE roof 20 June 1924 DRc/Ac/27
Report from Prof. Lethaby and E.F. Cobb received. Meeting of Cathedral Preservation Society be called for 10 July and 100 copies of report be printed and circulated.

LADY CHAPEL 20 June 1924 DRc/Ac/27
Cobb ordered prepare scheme for extension Lady Chapel into S. Transept.

19 September 1924 DRc/Ac/27
Extension discussed to provide increased accommodation required which would not involve removal of monument to late Dean Hole. Left to Lethaby and Cobb to devise some scheme.

N. TRANSEPT 19 September 1924 DRc/Ac/27
Special Chapter: Cobb attended discuss plans completion of work and erection of altar there. Lethaby to prepare further plan.

E.FRONT 19 September, 1924 DRc/Ac/27
Cobb reported position of work and treatment of stone in two pinnacles.

N. TRANSEPT Foord Bequest Cobb to Chapter Clerk 22 Oct. 1924 CCC
Whole of vaulting has been cleaned by brushing, and in part with methylated spirit and then coated with a preparation of wax to preserve the colour and to bind flaking surfaces. The solution was applied to the yellow band only on the soffite of the arched ribs. The ridge rib was coated all over. Some cracks were filled in. The whole of walls, recesses and mouldings, string courses were thoroughly cleaned and examined in hopes of finding colour decoration - negative results. Broken and crumbling plaster repaired and afterwards distempered, in particular on walls of Clerestory, which were very stained and dirty. Stone slabs have been placed upon the benchings in the arched recesses at the base of the N. wall of the Transept.
Marble shafts, caps and bases which had been covered with paint and distemper cleaned and repolished. Several loose lengths of shafting have been made fast and eight missing stay irons replaced by new banded to the shafts. Stay bars to shafts, saddle bars to windows, and other ironwork, painted.
Portion of the window in Altar recess has been fitted with an opening light for ventilation.
Mural tablets to Samuel Baker, F.W. & H.L.C. Robinson removed to N. Aisle. William Cayley's monument taken down has not been refixed. Upper part of Caeser Monument found to be in very loose condition due to iron cramps having rusted and mortar perished. Repaired, copper replacing iron.

Expenditure on work undertaken at cost to Foord Trustees amounts to about £300 - understand Chapter responsible for cost of any fittings and furnishings they may decide to add.
Archdeacon and Prof. Lethaby are obtaining drawings and patterns from Mr. Watts for hangings for the Altar now stored in the Crypt, in front of it is proposed to place kneeling benches similar to those in Lady Chapel.
Proposed to suspend four electric light pendants from Clerestory passage to light Transept and incidentally the crossing beneath Tower and portions of Aisle.
Scaffolding to be re-erected in S. Transept.

PRECINCT ancient walls 25 November 1924 DRc/Ac/27
£225 to be paid; ordered repair Archdeacon's garden wall be considered at Midsummer Chapter.

CHALICE 17 December 1924 DRc/Ac/27
Old Elizabethan chalice and patten offered by Bishop accepted.

MARBLE PIERS 16 January 1925 DRc/Ac/27
Webb's estimate for cleaning and wax polishing remainder marble bases, etc. on western piers of crossing and adjoining piers of Nave £20.12s. Ordered to be carried out if sufficient funds remaining in Foord Legacy.

S.W. TRANSEPT 16 January 1925 DRc/Ac/27
Cobb reported eastern arm and upper portion of cross on gable fell down into gutter during recent gales. Slates and lightning conductor repaired; replacement of cross to stand over.

GUNDULPH TOWER 16 January 1925 DRc/Ac/27
Complaint from Mr. Dibley that part of woodwork replaced with deal and not oak; pointed out only used where coke was shot.

LADY CHAPEL altar 24 February 1925 DRc/Ac/27
Ordered removal take place during Easter holidays.

S. TRANSEPT 24 February 1925 DRc/Ac/27
A.G.Webb & Sons paid balance for work in S. Transepts. £119.18.5d.

LADY CHAPEL 2 April 1925 DRc/Ac/27
Cobb be requested report colour, cost, materials of proposed screen or curtain to beused when extension complete.

LADY CHAPEL 18 May 1925 DRc/Ac/27
Cobb submitted plan proposed alteration; generally approved by desired examine material for curtain.

CHOIR N. AISLE roof 18 May 1925 DRc/Ac/27
Cobb had some fluid for destroying beetles which could be used to treat roof. Approved provided did not entail erection of scaffold.

LADY CHAPEL 23 June 1925 DRc/Ac/27
Cobb submitted plan and estimate for stalls; approved. Lethaby to be requested to confer with Dean as to whole schem of extension.

CHAPTER ROOM 23 June 1925 DRc/Ac/27
Structural repairs necessary, Archdeacon had requested Cobb to proceed matter urgency. £104.

GUNDULPH TOWER 27 October 1925 DRc/Ac/27
Letter Kent Archaeological Society congratulating on work done in preservation. Letter to be published next Diocesan Chronicle.

LADY CHAPEL 25 November 1925 DRc/Ac/27
Screen between: further design by Lethaby requested. £150

received from anon. donor for restoration. Ordered an account be opened.

HEATING 27 October 1925 DRc/Ac/27
Use of anthracite cobbles considered; Cobb to ascertain whether suitable for Gurney stoves.

1 9 2 6

SPIRE 29 January 1926 DRc/Ac/27
Cobb reported lead covering eastern face stretched and slipped, sheet bulged outwards, recurring problem. Arrange repairs.

CHAPTER ROOM 26 February 1926 DRc/Ac/27
Electric light to be fitted Oriel window.

CHAPTER ROOM 23 March 1926 DRc/Ac/27
Estimate £6.6s. for new oak top 1¼" thick for Chapter Room table agreed.

LADY CHAPEL 23 March 1926 DRc/Ac/27
Proposed screen between South Transept abandoned

SPIRE 23 March 1926 DRc/Ac/27
Estimated repairs £200; most economical method be sought. Archdeacon given authority give orders.
Cobb's proposed procedure approved. 23 June 1926 DRc/Ac/27

1 9 2 7

ROYAL COAT OF ARMS 22 July 1927 DRc/Ac/27
Ordered Cobb report cost renovating and adviseability placing over door leading from S.Choir Aisle to Choir on S. side.
23 September 1927 DRc/Ac/28
Cobb and Lethaby advised should be removed to position in S. Aisle Transept after treatment with preservative. Agreed.

ARCHITECT 25 November 1927 DRc/Ac/28
Letter resignation Prof.Lethaby received and indications what work thought most urgent. Appreciation expressed value of services and advice now given would receive most careful attention. His views as to successor to be ascertained.

1 9 2 8

ARCHITECT 4 April 1928 DRc/Ac/28
W.A. Forsyth ARIBA appointed consulting architect. Terms agreed.

DEAN STORR MEMORIAL 20 April 1928 DRc/Ac/28
Crusifix in Nave to be removed to Gundulph Tower. Resolved Memorial take form wooden screen to S. Transept.

SURVEY 13 July 1928 DRc/Ac/28
Forsyth's report read; lead covering of Nave roof and gutters should be re-cast and lead downpipes overhauled.
Roof S. Aisle be stripped and re-covered with copper.
Further report promised on stone facing of N. & S. clerestories, advised copings removed and dpc laid.
Repair of Nave and S. Aisle roofs more urgent than heating or lighting.
Instructed to obtain estimate for roofs and stonework and approximate cost of timber repairs in roof.

DEAN STORR MEMORIAL 1 August 1928 DRc/Ac/28
Design approved by Central Council for Care of Churches.
'faithful to principles of wood architecture..'

HEATING 28 September 1928 DRc/Ac/28
Forsyth to investigate automatic heating of Cathedral by means of petrol.

PRECINCT Cloisters 28 September 1928 DRc/Ac/28
Ordered that Forsyth and Cobb proceed with repairs of walls facing Bishop King's garden in same way as those facing Deanery recently treated; special attention against percolation of water.

NAVE roof 18 October 1928 DRc/Ac/28
Estimates received, but before accepting to discuss with Preservation Committee on 16 Nov.
Instructions to proceed given 26 November 1928 DRc/Ac/28

1 9 2 9

DEAN STORR MEMORIAL 28 February 1929 DRc/Ac/28
Removal tomb stones affected by Screen; Chapter inspected stones; alternative position of screen submitted to Forsyth.

HEATING 11 April 1929 DRc/Ac/28
Forsyth's proposals for low pressure hot water heating considered.
LIGHTING
Forsyth's proposals for local lighting by electricity favoured.

REPAIRS 11 April 1929 DRc/Ac/28
N. Aisle, Nave roof, Lady Chapel, Ante room Chapter Room:
Forsyth report received; estimates to be obtained from Messrs. Cornish & Gaymer if sales proceed.
All work approved to proceed 25 June 1929 DRC/Ac/28

DEAN STORR MEMORIAL 19 July 1929 DRc/Ac/28
To proceed. £430.

STALLS 26 September 1929 DRc/Ac/28
Chapter inspected, ordered back boards be provided for 3 rows. 3 oak boards be fixed to back of stalls. £10.5s.

CHAPTER ROOM lobby September 1929 DRc/FTv/245
W.J. Parks as per estimate £11.115. Extra: paint small portion ceiling, clean and paint 2 coats door frame, window sill; oil and beeswax handrail.

FURNITURE October 1929 DRc/FTv/245
Franklin Homan: 50 stained walnut chairs, etc., stained walnut armchair, 4 hair stuffed velvet curtains £36.10s.

1 9 3 0

NAVE window — January 1930 — DRc/FTv/245
A.G. Webb & Sons: remove broken lead light, boarded. Templates, new leaded light match existing. £3.15s.

WEST DOOR — 27 February 1930 — DRc/Ac/28
New floor springs £10 agreed.

CHAPTER ROOM lobby — April 1930 — DRc/FTv/245
A.G. Webb: filling up with cupboards, shelving, etc. £75

GUNDULPH TOWER — 15 May 1930 — DRc/FTv/245
A.G. Webb: preparing, limewashing walls to passage between G.T. and N. Aisle.

FURNISHING — 10 May 1930 — DRc/FTv/245
Watts & Co.: Bishop's throne: carpet plain terra cotta pile, do. sedilia; red velvet 3 sedilia cushions; mohair velvet 3 kneeling cushions; 3 sedilia hangings red Gothic embossed velvet. £31.9s.

MEMORIAL — 19 June 1930 — DRc/FTv/246
W.J. Parks: to alter number on memorial plate

LADY CHAPEL — 12 August 1930 — DRc/Ac/28
Covering boards for stone wall benches agreed. £9

1 9 3 1

ROOFS Rainwater goods — 26 March 1931 — DRc/Ac/28
Replacement authorised £80 to spend at once.

LIGHTING — 23 June 1931 — DRc/Ac/28
Tender be obtained for wiring whole Cathedral.

CENTRAL HEATING — June 1931 — DRc/FTv/246
Dolby & Williamson: for professional services advising installation hot water heating installation £32.

BISHOP'S THRONE — 28 July 1931 — DRc/FTv/246
A. Messenger, ARIBA: painting arms Rt.Rev.Dr.Martin Linton Smith DD Lord Bishop, on throne £1.11.6d.

CARVED STONES — August 1931 — DRc/FTv/246
Carved stone sent by E.F. Cobb to St. John's Cathedral,

Newfoundland, and Colgate Rochester Divinity School, Rochester, NY inclusion as dedication stone

PRECINCT — June 1931 — DRc/FTv/246
A.G. Webb: repair ancient walls King's Orchard — £29

GUNDULPH TOWER — 5 November 1931 — DRc/FTv/247
A.G. Webb: 1 new r.w.p. and head — £30

N.TRANSEPT floor — 5 November 1931 — DRc/FTv/247
A.G. Webb: repairing tiling to floor — £1.1s.

N.E. TRANSEPT roof — 5 November 1931 — DRc/FTv/247
Repairing leak lead gutter to roof E. side

1 9 3 2

WINDOWS — 4 January 1932 — DRc/FTv/247
M. Robson: repairing lead lights 14 quarrils; refitting iron door to window; repair lights Belfry window.

NAVE N. AISLE windows — 23 June 1932 — DRc/Ac/28
Action of Archdeacon in giving orders for repairs approved.

HEATING — 20 October 1932 — DRc/Ac/28
Ordered 20 tons coke for next 12 months. 34s.2d. per ton.
J. Brooker: repairing stoves, etc. — October 1931 — DRc/FTv/247

LECTERN — 25 November 1932 — DRc/FTv/247
J.H. Brooker: taking to pieces, refixing centre pipe at base, etc.

1 9 3 3

S. CHOIR AISLE wall paintings — 18 September 1933 — DRc/Ac/29
Offer from E.F. Long to report on preservation mural of St. Andrew. In view necessity economy no action.

1 9 3 4

BELLS — 17 May 1934 — DRc/Ac/29
Letter read from Gillett & Johnstone reference bells and fittings. Matter to be reconsidered at next meeting. Archdeacon undertook to obtain advice from Mr. Lewis of Brasted and to report to next Chapter.

23 June 1934 DRc/Ac/29
Letter read from Mr. E.F. Cobb; ordered that he be requested to obtain an estimate for work he considered necessary.

24 September 1934 DRc/Ac/29
Letter read from Mr. Cobb reporting work already done to Bell Frame. Ordered he make further report when work completed.

6 November 1934 DRc/FTv/248
A.G. Webb: repairs — £63

1 9 3 5

LADY CHAPEL 17 January 1935 DRc/Ac/29
Designs for improvement submitted by Mr. Forsyth. Deferred considereation.

28 February 1935 DRc/Ac/29
Approved and work proceed. Proposed alteration of altar opposed by Bishop King.

1935 letter from F.C.Eeeles of V.& A. to CCC
Holy Table and Reredos, designed in 1904, designed by Skipworth, destroyed: "It was incongruous, unworthy of the Cathedral and even as imitation Roman - I am surpised to find there is any one to say a good word for it"

ROOF 22 August 1935 DRc/FTv/248
A.G. Webb: opening roof for inspection of timber, lifting cast lead sheets, relaying after examination £3.17s.10d.

S.CHOIR AISLE wall painting 24 October 1935 DRc/Ac/29
Offer restoration by E.F. Long referred to Forsyth.

SURVEY 12 December 1935 DRc/Ac/29
Received Mr. Forsyth's report on condition of fabric and expresed satisfaction with condition of Cathedral as indicated in Report. Repairs to be undertaken forthwith: Spire leadwork £20; parapets, copings, Lady Chapel and S. Aisle £150; Parapets copings west gable end of Nave £100. Small repairs and pointing N. Aisle £20.

FRIENDS OF ROCHESTER CATHEDRAL 1935
Assocation formed as felt that were many who would like to be associated with this ancient and interesting church and to have a share in preservation and upkeep of the fabric.

1 9 3 6

OLD CHAPTER HOUSE 14 January 1936 DRc/Emf/153
Friends to Clerk: funds available repair of parapets and coping and opening of old doorway; Sir Chas. Peers to report on latter.

ALTAR 21 January 1936 DRc/Ac/29
Letter from Mrs. Hooks re altar presented by her parents formerly in Lady Chapel now in Crypt - panels to be placed in Treasury.

OLD CHAPTER HOUSE 21 January 1936 DRc/Ac/29
Leeter from Sir Chas.Peers: in accordance Forsyth's report and advise trench be dug inside w. wall of old C.H. and stonework be removed from central doorway to be replaced by iron grille';

PROPOSED WORK report for 1936-38 by E.F. Cobb
Roofs of choir and eastern transepts which were renewed and covered with large thick slates in course of extensive work carried out 1825-26: dirt has accumulated; propose to remove to ascertain condition and where necessary to strengthen or treat also examine, scrape and paint iron tie rods, bolts, etc. to repair leaded glazing

and to lime whiten walls. £500 over 2 years. Roofs of W. transepts were reconstructed by Scott. Upper surfaces of wooden vaulting of S. transept cleaned and treated by means of Foord bequest in 1924, due again. Decided some repairs to Choir and transept stonework, ventilation to roofs and cleaning thereof internally.

FABRIC 21 January 1936 DRc/Ac/29
Agreed that Cobb be informed that state of fabric reflected great credit on his care and attention.

CRYPT Wall paintings 25 February 1936 DRc/Ac/29
Donation £100 Mr. Forsyth to provide suggestions for preservation and ornamentation of vaulting.

NAVE S. AISLE 6 March 1936 DRc/Emf/153
E.F. Cobb: Mr. Forsyth recommends the embrasures in parapet be built up and coping made continuous line as on Lady Chapel, N. Aisle and Clerestory, to increase strength of parapet wall and its resistance to weather. If Chapter approve will arrange.

W. FRONT 31 March 1936 DRc/Ac/29
Sir Chas. Peers: application of solution to clean and preserve stone. Forsyth to conduct experiment on some other stonework. Chapter to judge effect.

CRYPT Chapel 22 April 1936 DRc/Emf/151
W.A. Forsyth: drawing herewith: altar rail moveable and 2 sections to enable space in centre if preferred; have indicated existing Altar increased in length with raised Altar pace and carpet. As majority of old rubble walling flush with stone quoins plastering presents a little difficulty, prefer therefore to brush down and whiten.

PRECINCT Cloister 30 April 1936 DRc/Ac/29
Friends undertook pay for excavation Dormitory undercroft and cleaning. Cobb submitted altered plan for open work g ate in cloister wall. approved.

STORM damage 26 June 1936 DRc/Emf/153
E.F. Cobb: shaft carved stone cross at apex E. gable broke just above base during storm 21st. inst. whole of upper part fell to pieces on slated roof of Choir; carried with it lightning conductor rod; a few slates broken..cost replacement new stone cross, reinstatement conductor, slating, etc. £50. Some plain diamond shaped panes in E. gable and Indulgence Chamber windows broken or cracked

CRYPT altar 2 July 1936 DRc/Emf/151
Unattributable letter to R. Storrs: regarding Dean Underhill's letter: can be no possible objection to worthy enlargement crypt altar, providing original part preserved. Reason for its interest is was Bishop Williamson's private altar when he was Vicar of St. Peter's, Eaton Sq. He left it in Vicarage..father took to Rochester

and put in Crypt where was nothing at that time..intention was inscription..not done..memory final spiritual link

W. FRONT 15 July 1936 DRc/Ac/29
Forsyth reported experts advised no work to carving above w. door could be safely undertaken. Matter deferred.

CRYPT 22 October 1936 DRc/Ac/29
Mr. Forsyth's design for alteration and improvement be proceeded with.

CRYPT Altar 21 December 1936 DRc/Emf/150
J. Wippell & Co. 11 Tufton Street, SW1: Rochester Crypt £6. Altar frontal of Rose and Gold Brocade, trimmed 4 orphreys Rose velvet and made with frontlet of velvet to match, trimed silk frings.

1 9 3 7

CRYPT Chapel furnishing Feb. 1937 DRc/Emf/150
J.P. White & Sons, The Pyghtle Works, Bedford £28.8s.
To drawings by W.A. Forsyth: oak altar rail and kneeler; oak platform to altar; oak top to altar.

CRYPT 6 March 1937 DRc/Emf/150
Builders A.G. Webb: cleaning walls, pointing, limewashing...£2.9.8d.

FURNISHING 8 April 1937 DRc/Emf/151
A. Bernadont: persian rugs: £57

CRYPT Chapel furnishing 1 May 1937 DRc/Emf/150
To services in connection re furnishing Crypt Chapel £6.14.3d.
16 May 1937 DRc/Emf/151
J.P. White: supplying, fittings to Mr.Forsyth's drawings: oak altar rail, kneeler, platform to altar, top to altar £28.8s.

PRECINCT Cloister 21 September 1937 DRc/Ac/29
Restoration Fund - further contribution offered by Friends and offer to undertake responsibility for upkeep Cloister Garth by annual grant in quarterly payments, providing capital funds £1200 when required. This enabled work to proceed immediately.

1 9 3 8

PRECINCT Cloister garden 3 March 1938 DRc/Ac/29
Beds turfed over. E.F. Cobb suggestion that A.G. Webb & Son remove accumulated covering of site of western side of Cloister approved. £250.

PRECINCT Cloister restoration 26 October 1938 DRc/Ac/30
Forsyth report received..protection for pavement authorised. Cobb authorised to protect from frost by earth removed from bank.
Excavations: agreed not to proceed on whole area not yet explored but Cobb authorised to excavate as far as considered necessary from

S. end of bank to level off eastern edge of bank. Eastern end of bank be planted with Rose of Sharon.
Main containing wall: decided should be such as would provide sufficient protection to keep public out; no order made to its composition or position.

W.FRONT 26 October 1938 DRc/Ac/30
Ordered when Forsyth's report on work recently done on W. Front received should be shown to Canon Wheatley for his consideration.

PROTECTION AGAINST ENEMY ACTION 20 December 1938 DRc/Ac/30
Lime washing of timbers of roof and belfry, and war time protection of of W. Front to be considered.

1 9 3 9

WAR TIME precautions for A.R.P. 1939 DRc/FTv/249
M. Robson: Chapter Room ensuring shutters close properly; boarding up S. and E.windows to Slype; covering sedilia and Chapter Room door with coated boards £48.6s.9d.

GUNDULPH TOWER 30 January 1939 DRc/Ac/30
To be prepared as an Air Raid Shelter.

PROTECTION AGINST ENEMY ACTION 30 January 1939 DRc/Ac/30
W. Front: Possible protection with 'batons'.
Roofs: Advice to be sought Westminster Abbey whether fire resisting paint advisable applied to roofs. Choir Transepts, etc.

PRECINCT Cloister garden 30 January 1939 DRc/Ac/30
Cobb and Forsyth to consider line for new wall dividing garden from road.

BELFRY February 1939 DRc/FTv/249
M. Robson: taking off 4 iron doors, drilling holes, packing, lining with Kimolo board, 3 doors both sides, 1 door 1 side £16.7s.6d.

CLOCK 31 March 1939 DRc/FTv/249
E. Allen: repairs and adjustments to chiming apparatus in Tower
(prior to this for many years all clock repairs, winding and annual maintenance done by E. Basset Willis of Rochester, which apparently continues with submission of his bill in June 1939)

NAVE S.Aisle wS. wall 21 April 1939 DRc/FTv/250
A.G. Webb & Sons: cutting away defective plaster to stove pipe, making good same with cement, sand, cow dung and asbestos £1.19s.

LOUDSPEAKERS 29 April 1939 DRc/FTv/249
N.W. McLachlan: installation, design, etc. £36.12s.

PRECINCT Cloister garden 26 May 1939 DRc/Ac/30
Second of Forsyth's designs approved. If grant available from National Trust work could proceed immediately.

IRONWORK 31 May 1939 DRc/FTv/249
J. Collis: drilling iron frame door of roof, refixing catch, taking lock off iron gate Gundulph Tower, new bolts, etc. £1.12s.6d.

PRECINCT 7 June 1939 DRc/FTv/249
E.F. Cobb: certificate 4: site work of Cellarium and W. end cloisters, removal of basement of Prebendal House, etc. £144
Cloister: west side repair bases of walls, protecting wall heads, paving, building steps, etc. £36.6s.2d.

LOUDSPEAKERS 23 June 1939 DRc/Ac/30
To proceed with contractors and installation
1 July 1939 DRc/FTv/249
Pamphonic Reproductions Ltd. installation loudspeakers £265

CRYPT glass 26 September 1939 DRc/Ac/30
Air raid precautions: old glass taken down

W. FRONT 26 September 1939 DRc/Ac/30
On outbreak of war should be sandbagged.

CHAPTER ROOM doorway 26 September 1939 DRc/Ac/30
Has been encased in wood painted with fire resisting paint and will be further protected.

TOMBS 26 September 1939 DRc/Ac/30
Chief tombs protected from impact by non inflammable hassocks and cushions.

NAVE protection against enemy action 26 September 1939 DRc/Ac/30
Chairs desks and kneelers removed; curtains removed; Nave choir stalls platforms covered with 3" sand and organ doors in crypt covered with asbestos boarding.

LIBRARY and SILVER 26 September 1939 DRc/Ac/30
Textus Roffensis, silver, Cistomale Roff. sent to Westminster Bank, Maidstone; others in strong room in Cathedral.

CHAPTER ROOM protection 26 September 1939 DRc/Ac/30
Pictures removed, e. window covered with non inflammable celluloid.

CHAPTER ROOM doorway September 1939 DRc/FTv/249
M. Robson & Son: Boarding over covering with water glass and lime solution; fixing Uralite sheets over boarding, etc.

GENERAL PRECAUTIONS 26 September 1939 DRc/Ac/30
Supplies of sand by N.door; pails of water distributed throughout; King's School Vestry fitted as gas proof; rota of fire fighters; bells no longer rung; clock silenced; no lights after sunset.

GUNDULPH TOWER yard 21 November 1939 DRc/FTv/249
A.G. Webb: cutting up Yard forming overflow drain to take storm water £4.14.9d.

PRECINCT Cloister restoration 25 November 1939 DRc/Ac/30
Grant received from National Trust.
Architect: W.A. Forsyth, receipt for supervision fees DRc/FTv/249

CLOISTER restoration 27 February 1940 DRc/Ac/30
Cobb presented Forsyth's and his plans. To obtain estimates.
28 March 1940 DRc/Ac/30
Estimate A.G. Webb & Sons £180 approved. Work ordered proceed.

LEE WARNER tomb 24 April 1940 DRc/FTv/250
J.W. Leech & Son: refixing loose ironwork to grille and gate; cutting out, re-running with lead 15s.

CRYPT May 1940 DRc/FTv/250
J.W. Leech & Son: building wall to form shelter, taking out window, forming doorway £42.

CLOISTER sarson stone 24 July 1940 DRc/Ac/30
Brought from Waterinbury; placed in cloister grounds.

BELLS 30 August 1940 DRc/Ac/30
To be rung only on orders of military or police

N. DOOR 17 December 1940 DRc/Ac/30
Commencement of wall to protect.

WAR DAMAGE Nave roof 30 August 1940 DRc/Ac/30
Incendiary bomb dropped on Nave 27 August. Put out; only small damage and roof saved.

1 9 4 1

W.END doorway protection 13 February 1941 DRc/FTv/251
A.G. Webb: forming concrete roof over revettement to w. doorway £12

IMPROVED FIRE FIGHTING ACCESS TO ROOFS 15 February 1941 DRc/FTv/251
W.J. Parks: supply, fix 3 manhole steps in wall of parapet at top of flying buttress, ring bolt, rope handrail; Choir Aisle: ring bolt, rope handrail fix ladder from ground to roof; Vestry: fix ladder from ground to roof; N.E. end fix 10 manhole steps.

CLOCK repair 23 April 1941 DRc/FTv/251
E. Basset Willis: striking plate of turret clock replaced; broken glass replaced in dial.

WAR DAMAGE windows 24 April 1941 DRc/Ac/30
8 April windows damaged in Nave transepts, aisles, Lady Chapel, Quire, Presbyter, Chapter Room and Crypt. Also stone work outside and inside W. window of Lady Chapel; ceiling of Chapter Room and ante room, part of cross on S. side S. Nave Transept and slates. Also official residences.

PRECINCT Cemetary June 1941 DRc/FTv/251
J.H. Durrant: repairs boundary wall; renovation; cleaning body stones, marble cross and base headstones, granite body stone and base: £28

WAR DAMAGE and other repairs September 1941 DRc/FTv/251
W.J. Parks: refixing Jutex sheeting to window damaged by blast; fixing iron to door Gundulph Tower; fixing blackout to window; painting beams 2 coats in Cathedral roof; repairs to roof £8.7s.

PRECINCT iron railings 30 October 1941 DRc/Ac/30
On N. side relinquished in national interest. Chapter desired to retain on S. side enclosing Cloister garden for safety of public and iron gate in front W. door; Chapter considered were there prior to 1820 and of historical interest.

1 9 4 2

INVASION PRACTICE 22 January 1942 DRc/Ac/30

PRECINCT iron railings 27 April 1942 DRc/Ac/30
Sir John Marchant from Min. of Works had inspected railings round Green Haw and W. end (except gate and gates in front Gt. W. door) would be scheduled for scrap, those on S. side exempted.

TEXTUS ROFFENSIS 26 May 1942 DRc/Ac/30
Delivered to British Museum repository near Bath.

ROOF repairs 7 August 1942 DRc/FTv/252
W.J. Parks: slates, clearing gutters £3.5s.

ARCHITECT 29 October 1942 DRc/Ac/30
Memorial to late E.F. Cobb. Mr. Forsyth consulted about successor; considered someone local more necessary than qualified architect and had interviewed Edmund Page of Bidwell & Son as successor until end of war, considered suitable. Approved that Mr. Page be appointed for duration of war from 1st November, salary £100 p..

JOHN DE SHEPPEY TOMB 28 December 1942 DRc/Ac/30
Design by Forsyth for protection. Estimate be obtained for possible payment by Pilgrims Trust.

ARCHITECT'S REPORT 28 December 1942 DRc/Ac/30
Submitted by Forsyth. Authorised proceed with more urgent items. Copy supplied to Chapter Clerk for filing.

SHEPPEY MONUMENT December 1942 DRc/FTv/253
W. Forsyth: preparing sketch showing slabs and supports for protecting monument, drawings, etc. £7.7s.

1 9 4 3

FURNISHINGS 25 February 1943 DRc/Ac/30
Offered marble slab and table containing coat of arms Bishop Thomas former Bishop of Rochester and 2 engravings of him by Joshua Reynolds; table and slab to go to Bishop for time being. Accepted engravings.

ARCHITECT W.A. Forsyth 1 May 1943 DRc/DE/209/I(a)
Meeting with Canon Mackean and Mr. Grimwade. Services to continue

as consulting architect at annual fee of 50 guineas (including travelling expenses). To include monthly visits to the Cathedral to inspect and advise on reparation and maintenance, to instruct builders etc., advice and recommendations on placing of memorials, removal of contents, alteration of fittings etc. Outside matters to be dealt with by Mr. Page. Greater or more extensive work R.I.B.A. scale of fees.
Forsyth re-appointed from Nov.1942 — 31 May 1943 DRc/Ac/30

WAR DAMAGE — 31 May 1943 DRc/Ac/30
Forsyth requested to get windows in Clerestory of Choir and other damaged windows replaced before winter.

FURNISHING — 31 May 1943 DRc/Ac/30
Accepted gift of picture of Dr. Robinson from late Miss S. Day

SHEPPEY MONUMENT — 23 June 1943 DRc/FTv/253
A.G. Webb:supplying erecting concrete slabs for blast protection £37

CHOIR — 8 July 1943 DRc/FTv/253
J.H. Durrant: clearing out sand from Choir, etc. carting away

IMPROVED ROOF ACCESS TO FIGHT FIRE — 22 July 1943 DRc/FTv/253
Choir and Transepts: A.G. Webb: 4 35 rung bolted ladders erected £23

CLOCK — 1 September 1943 DRc/FTv/253
F. Basset Willis: new iron pulley wheels, striking weight, platform rebuilt; opening ceiling in Nave etc. 10s. old iron weight £39.10s.

MEMORIAL W.Farley Cobb — 11 November 1943 DRc/FTv/253
Daymonds Ltd.: tablet Hoptonwood stone; designed Mr. Forsyth. £33

1 9 4 4

LADY CHAPEL floor — 22 March 1944 DRc/FTv/254
A.G. Webb: taking up stone paving, excavating under same to receive ashes late Bishop Harmer. Making good £3

FURNISHING — 26 May 1944 DRc/Ac/30
Late Bishop's cope and mitre: presented by Mrs. Harmer.

FURNITURE — 8 December 1944 DRc/FTv/254
Ring of Rochester: removal refectory table from Higham Vicarage to Cathedral 15s

HEATING — 29 December 1944 DRc/Ac/30
Preliminary scheme for hot water radiators prepared by Forsyth & J.Jeffreys & Co.

WEST DOOR — 29 December 1944 DRc/Ac/30
Protective wall; Civil Defence Committee suggested its removal by naval ratiangs; Chapter declined at present time until work could be done with no risk.

ARCHITECT'S REPORT 29 December 1944 DRc/Ac/30
Priority be given to nave roof repair; pointing stonework of Choir pinnacles; bells again in use.

1 9 4 5

WORLD WAR II ended

CATHEDRAL SECURITY 30 April 1945 DRc/Ac/31
Due cessation hostilities against Germany, all protective works be removed and Cathedral plate returned as soon as possible.

CATHEDRAL PLATE 25 May 1945 DRc/Ac/31
Box containing Cathedral plate retrieved by Treasurer from Westminster Bank, Maidstone.

GUNDULPH'S TOWER 25 May 1945 DRc/Ac/31
Letter from City Surveyor regarding public Air Raid Shelter in Gundulph's Tower; question of re-instatement referred to Mr. Forsyth.

CHAPTER SURVEYOR 25 May 1945 DRc/Ac/31
Mr. Page resigned appointment as Surveyor to Dean and Chapter.

LIGHTNING CONDUCTOR 25 May 1945 DRc/Ac/31
Annual inspection report by R.C. Cutting found increased earthing resistance; suggested general overhaul and improvement. To be dealt with urgently by Mr. Forsyth.

ROYAL COAT OF ARMS 4 July 1945 DRc/Ac/31
Mr. Forsyth to remove from its present position to W. face of same wall

CHAPTER SURVEYOR 3 September 1945 DRc/Ac/31
J.S. Baldwin, LRIBA, 70 High Street, Rochester appointed House Surveyor of Official Residences.

WINDOWS 3 September 1945 DRc/Ac/31
Mr. Forsyth to endeavour to arrange replacement of windows damaged by enemy action before winter.

LIBRARY 3 September 1945 DRc/Ac/31
Bishop Linton Smith presented Library with Vols. 1-8 Hamo de Hethe's Register.

WINDOWS 30 November 1945 DRc/Ac/31
Licence obtained for repair to windows; work in hand.

PRECINCT Old Bishop's Palace gateway 28 December 1945 DRc/Ac/31
Mr. Forsyth to be informed of peeling of stonework of piers and springing that carried vault beneath gateway opposite old Bishop's Palace, and loose stones on wall, condition of door.

1 9 4 6

LADY CHAPEL 28 January 1946 DRc/Ac/31
Mr. Forsyth to inspect stonework of windows

BISHOP HARMER MEMORIAL 22 February 1946 DRc/Ac/31
Mrs. Harmer's offer of Altar for Nave - tho' welcome wholeheartedly idea of Memorial, doubtful suitability of Altar in Nave; to ask Mrs. Harmer for other suggestions.

COBB MEMORIAL 22 February 1946 DRc/Ac/31
Gift by Mrs. E.F. Cobb of seats for Cloister garden

CATHEDRAL SECURITY 26 March 1946 DRc/Ac/31
Permission granted for removal of remaining air raid protection works inside and outside Cathedral to be supervised by Mr. Forsyth. That in Crypt not to be removed without his approval. To enquire if blast wall in front of W. door could be removed in time for Victory day celebrations.
Reported all removed 29 April 1946 DRc/Ac/31

WEST FRONT railings 29 April 1946 DRc/Ac/31
Urgent request be made Mr. Forsyth suggestions regarding iron railings outside W. Front; suggest use might be made of those at present around the Chandos tomb.

CRYPT 29 April 1946 DRc/Ac/31
Electricity wires in Crypt be removed; switch board be retained.

SHEPPEY TOMB April 1946 DRc/FTv/256
Removing protective slabs £30

GUNDULPH TOWER air raid shelter April 1946 DRc/FTv/256
A.G. Webb: removing earth work from roof and protective works inside and to entrance £21

CRYPT May 1946 DRc/FTv/256
A. Webb: demolishing protective walls £17

WEST FRONT pavement 12 May 1946 DRc/FTV/257
A. Webb: reinstatement pavement disturbed by W. door by blast walls £10

REMOVAL BLAST WALL 11 June 1946 DRc/FTv/256
A.G. Webb: demolishing blast walls to W. doors £57.18.

WEST FRONT railings 1 July 1946 DRc/Ac/31
Iron railings outside W. Front now completed.
3 July 1946 DRc/FTv/257
A.G. Webb: taking down iron railings to front W. door, altering, welding to enclose ends with splayed sections, fixing to stone, etc. £25

HARMER MEMORIAL 25 November 1946 DRc/Ac/31
Design by Mr. Forsyth approved by Miss Harmer.

BISHOP UNDERHILL 25 November 1946 DRc/Ac/31
Portrait received for Chapter Room.

ROYAL COAT OF ARMS 18 December 1946 DRc/Ac/31
Movement should be discussed later.

ST.JOHN BAPTIST CHAPEL 18 December 1946 DRc/Ac/31
Installation electric light authorised.

PRECINCT Deanery 18 December 1946 DRc/Ac/31
Admiralty de-requisitioning from 26 December.

1 9 4 7

CLERK OF WORKS 25 March 1947 Drc/Ac/31
As at Exeter Cathedral, agreed appointment of Clerk of Works as provisional measure.

REPAIRS 25 March 1947 DRc/Ac/31
Authorized Chapter Clerk to instruct Messrs. A. Webb proceed with any urgent repairs to Cathedral of which information had been given by Head Verger; at same time notifying Mr. Forsyth.

CHANCEL ROOF March 1947 DRc/FTv/257
A. Webb: refixing loose slates

CHAPTER ROOM 7 May 1947 DRc/FTv/257
A.Webb: repairing window frames, beads, sashes; making good entrance to roof, repairing steps £6.10s.

BISHOP HARMER MEMORIAL 23 May 1947 DRc/Ac/31
Completed and dedicated in Lady Chapel.

INVENTORY 23 May 1947 DRc/Ac/31
Sacrist thanked for its preparation. Treasurer to authorise.

JELF MEMORIAL TABLETS 24 June 1947 DRc/Ac/31
Request for tablets to be placed in Lady Chapel. Chapter prepared to allow two similar to small stone ones at present there, but no further tablets beyond these to be permitted.

PRECINCT 6 August 1947 DRc/FTv/257
A. Webb: repairing retaining wall cemetary outside N. door £2.15s.

CHOIR heating 27 August 1947 DRc/FTv/257
A. Webb: overhauling stove, fixing new pipe into stonework, extra help long ladders, assistance at heights £29.11.6d.

GUNDULPH TOWER 10 September 1947 DRc/FTv/257
A. Webb: removing decayed portion roof over Vergers' scullery, renewing timbers, etc. £10

MEMORIAL Charles Dickens 24 September 1947 DRc/FTv/257
A. Webb: preparing for and fixing tablet £3

ST. JOHN BABTIST CHAPEL 26 November 1947 DRc/Ac/31
A card be placed on statue of Gundulph: 'An old and weather beaten statue traditionally said to represent Bishop Gundulf, brought here in 1894 from W. Front'.

NAVE ALtar scheme 26 November 1947 DRc/Ac/31
Plans from Mr. Forsyth returned as Chapter had already decided that it would be unsuitable to have an Altar placed either in crossing or up against steps of Choir.

GUNDULPH TOWER 26 November 1947 DRc/Ac/31
Roof reported to need repair; agreed to approach Freemasons.

1 9 4 8

NAVE Altar scheme 29 January 1948 DRc/Ac/31
Plans received from Mr. Butler which had been circulated to Chapter. Special meeting to be held to discuss after observations of Sacrist and Head Verger.f

ST. SEBASTIAN painting 29 January 1948 DRc/Ac/31
Painting now in Treasury to be placed on N. column at entrance to St. John Baptist Chapel.

NAVE Altar scheme 7 February 1948 DRcAc/31
Resolved: 1) that Mrs. Harmer's offer to provide a Nave Altar in memory of Bishop Harmer, with promise of £700 for the Altar, and necessary re-arrangement of Choir stalls, be accepted. 2) Architect be instructed to proceed with removal of Eastern section of Choir stalls and provide estimate for alternatives 3) western section of stalls to be lowered and pushed back as close as possible to pillars 4) removal northwards by approximately 2' of pulpit 5) provision of a cross and candlesticks in wood.

MERTON MONUMENT 27 February 1948 DRc/Ac/31
Wording on card on tomb should read: 'Tomb of Bishop Walter de Merton, Chancellor of Realm under Henry III and Edward I. Founder of Merton Colleg, Oxford. He is said to have been drowned in the Medway in 1277. The canopy is modern and the alabaster figure replaces the original effigy'.

PRECINCT ArchDeanery 27 February 1948 DRc/Ac/31
Final plans for conversion of Arch Deanery considered by Chapter.

H.M.S. KENT SHIP'S BELL 27 February 1948 DRc/Ac/31
Offer from Assocation of Kentish Men and Men of Kent to hang bell in Cathedral; agreed should hang in S. entrance to Choir.

NAVE Altar scheme 19 March 1948 DRc/Ac/31
Estimates from Mr. Butler £670 accepted by Mrs. Harmer. Estimate received for replacing present Nave Choir stalls in oak. Further £90 for carving on front of stalls. Opinion to be sought of Mr. Forsyth as essential that new fronts should harmonize with existing stalls.

GUNDULPH TOWER 19 March 1948 DRc/Ac/31
Estimate for roof repair £210.

ROYAL COAT OF ARMS 19 March 1948 DRc/Ac/31
If revised estimate from Messrs. Webb acceptable, ordered that it be be moved, but cleaned before re-erection.

NAVE Altar scheme 29 April 1948 DRc/Ac/31
Four shields on new Choir stalls should be painted with coats of arms of Cathedral, Diocese, City and Bishop Harmer.

PRECINCT ArchDeaconry 29 April 1948 DRc/Ac/31
Plans for proposed alterations approved by ArchDeacon to Church Commissioners. (£2050)

N. TRANSEPT installation electric light 29 April 1948 DRc/Ac/31
Whilst scaffolding up question of installation electric light.

GUNDULPH TOWER May 1948 DRc/FTv/258
A. Webb: covering roof rock asphalte £206

NAVE Altar scheme 21 May 1948 DRc/Ac/31
Inscription should be placed on step to Altar

BISHOPS' PORTRAITS 21 May 1948 DRc/Ac/31
Chapter decided that all Bishops who were not also Deans should be loaned to Bishop to be hung at White Friars until Satis House was ready.

RAILINGS 21 May 1948 DRc/Ac/31
Chapter Clerk authorized to complete claim form for railings requisitioned from Cathedral during the War.

PALL CUPBOARD May 1948 DRc/FTv/258
A.G. Webb: removing from Treasury re erecting S. Choir Aisle £33

PULPIT May 1948 DRc/FTv/258
A.G. Webb: dismantling, breaking out York stone base 3'x3'x2", shifting new position, new concrete base, caulking with lead between new concrete and base frame £103

NAVE CHOIR STALLS June 1948 DRc/FTv/258
A.G. Webb: alterations £66

FURNISHING 18 June 1948 DRc/FTv/258
J.P. White & Sons: moveable altar table £81; Cross, 2 candlesticks £90; 2 oak desk fronts for existing Nave Choir stalls £257; bronze brackets to stone floor £1.17s.

ROYAL COAT OF ARMS 24 June 1948 DRc/Ac/31
Offer to colour by a Mr. Cosbie Ross. Dean to investigate his qualifications.

GUNDULPH TOWER 23 July 1948 DRc/Ac/31
Roof repair work completed £206.10s.

PRECINCT ArchDeaconry 29 June 1948 DRc/Ac/31
Authority given for application for licence to carry out full works.

N.E. TRANSEPT 15 July 1948 DRc/FTv/258
A.G. Webb: repairs vaulting. Certificate: £150

ROYAL COAT OF ARMS 23 July 1948 DRc/Ac/31
Dean to tell Mr. Cosbie Ross that an expert, Mr. Answell, was to advise in September before any decision.

WAR DAMAGE 23 September 1948 DRc/Ac/31
Dean reported on repairs during last year and to vaulting of N. Choir Transept.

ROYAL COAT OF ARMS 27 September 1948 DRc/Ac/31
Mr. Ansell inspected; advised not be done by an amateur; suggested Mr. Laurence Turner.

NAVE furniture 27 September 1948 DRc/Ac/31
Mr. Baldwin to report how much old timber from Choir stalls useable in Archdeaconry and for sale to King's School.
Table in Nave: agreed to purchase for £30 from legacy of Mrs. Boucher.
Mayor's seat: placed in Nave relatively same position as before Choir stalls had been altered.

MONUMENTS 27 September 1948 DRc/Ac/31
Mr. Forsyth to report on any necessary repairs to Henniker and Lee Warner Memorials.

NAVE old choir stalls 22 October 1948 DRc/Ac/31
Request received from St. Francis Church, Temple Farm for stalls stored in crypt. Agreed. Other surplus timber could be spared for new lockers in school and in archdeanery.

N.E. TRANSEPT 18 December 1948 DRc/FTv/258
A.G. Webb: repairs to vaulting; certificate. £160.11s.2d.

HENNIKER MEMORIAL 31 December 1948 DRc/Ac/31
Architect's report on necessary repairs received; family to be traced if possible
WALTER DE MERTON TOMB: damage to tomb considered; repair ordered.
LEE WARNER MEMORIAL: architect reported on necessary repairs; Lee Warner family had been approached; agreed substantial contribution towards work to be done after notifying War Damage Commission (£78 received).

WAR DAMAGE repairs 31 December 1948 DRc/Ac/31
Discussed with Chairman to War Damage Commission all necessary repairs to N. Choir transept, roof and ceiling of Chapter Room.

N.CHOIR TURRETS 27 May 1949 DRc/Ac/31
Architect to proceed necessary repairs N.W. Turret pinnacles in accordance with their letters.

1 July 1949 DRc/Ac/31
Architect applying for licence for scaffolding for N.Choir turrets, estimate be obtained before commencement.

SURVEY 30 April 1949 DRc/Ac/31
Cathedral architect considered structural state of Cathedral generally good with all roof slate and otherwise in sound condition, but nonetheless continual repairs necessary.

N.CHOIR TURRETS 30 April 1949 DRc/Ac/31
Work completed; not yet settled whether to be paid for by War Damage Commission.

CATHEDRALS' ADVISORY COMMITTEE 28 October 1949 DRc/Ac/31
Minute passed at meeting of Deans and Provosts: general approval to setting up by Council for Care of Churches a Cathedrals' Advisory Committe, on understanding that will be available for consultation...on any matter

MONUMENTS war damage 30 December 1949 DRc/Ac/31
Lee Warner and Henniker tombs being repaired.

HEATING 24 February 1950 DRc/Ac/31
Agreed with Mr. Butler that 3 existing Gurney stoves be replaced.
LIGHTING
Decided should electric lighting be installed in Choir if funds available.

N. TRANSEPT pinnacles 24 February 1950 DRc/Ac/31
Butler reported that approx. £535 spent and that as stone work on N. pinnacle at E. end Cathedral in dangerous condition, scaffolding being moved along.

WAR DAMAGE 24 February 1950 DRc/Ac/31
Butler instructed to ascertain whether possible obtain licences for remainder of war damage repairs.

HEATING 24 March 1950 DRc/Ac/31
Cost of purchase 3 Gurney stoves £742. Agreed buy two: One for N. Choir Transept, one N. side Nave, and request whether third could be made from three existing stoves for S. side Nave.

SURVEY Forsyth 14 April 1950 DRc/DE/209
Report prepared for the Pilgrim Trust by E.C. Butler of W.A. Forsyth & Partners

Fabric generally: Forsyth survey 14 April 1950 DRc/DE/209
The structural condition of the Cathedral generally is good, there are no signs of any serious settlements, thrusts or displacements in the walls and piers. Much decayed stonework, however, is visible on many parts of the fabric and should receive attention without long delay. The decay is in an advanced state in many places particularly to the pinnacles which surmount the staircase turrets. Those on the easternmost turrets above the Sanctuary, for instance, are in a dangerous condition and should be dealt with immediately. Similar dangerous stonework to the pinnacles above the North Choir Transept has recently been repaired but further work here is necessary and is mentioned later in this report. Stone repairs of this nature require considerable amount of scaffolding - cannot be carried out from ladders or cradles. Careful examination will be made when scaffolding is erected of individual stone where decay has occurred, and where this has penetrated deeply the stone should be cut out and new stone bonded in. There are many instances where the repair can effectively be carried out in brick and tile as is often done in work of this nature on medieval structures.

We have obtained approximate estimates from a well known firm of builders who are fully conversant with the type of repairs needed at Rochester and these, based upon our specifications and the cost of repairs already carried out, are summarised as follows:

Pinnacles at East End: Forsyth survey 14 April 1950 DRc/DE/209
The N.E. Pinnacle is extensively weathered away with large portions of stone missing. The finial is also weathered into a very delicate condition and being above a carriageway is extremely dangerous. (done)

The S.E. Pinnacle has a finial in sufficiently reasonable state of repair to provide a good pattern for reinstatement, but the work below has been extensively rendered
and should be replaced with new stone Aprox.cost £750

Choir Transept - N. side Forsyth survey 14 April 1950 DRc/DE/209
The pinnacles have weathered and decayed very badly and can be considered in a dangerous condition. They should be repaired as soon as practicable. (done) The cross to gable on E. elevation is broken in half but a claim for this repair is being made under War Damage repair. The apex stone and possibly the coping under may need attention. Approx. cost £400

Presbytery - N. side Forsyth survey 14 April 1950 DRc/De/209
The turret to buttress in centre of N. side shows signs of open joints and may probably have to be taken down and refixed and partly renewed. Approx. cost £400

N. Transept windows Forsyth survey 14 April 1950 DRc/DE/209
All shafts to above windows show signs of scaling and decay; those over the entrance door in a very bad condition, and more than half of substance has already weathered away. Should be repaired as soon as possible. Approx. cost £400 (Done cost £500)

N. Transept - gable Forsyth survey 14 April 1950 DRc/De/209
Including repairs and replacements to the pinnacles and shafts to Turrets Approx. cost £535 (done cost £526.12.)

N. Aisle - windows Forsyth survey 14 April 1950 DRc/DE/209
Here a series of six windows; label moldings have perished away and should be reinstated to preserve remainder of windows from the elements. The tracery in most cases appears fairly sound but some repair is badly needed to jambs and mullions to secure the safety of the windows. Approx. £1500

Iron saddle bars to windows and stanchion bars very much rusted away and require attention; if left in this neglected condition more extensive damage to stone jambs and cills will result. Approx. £100

N. Aisle - disused doorway Forsyth survey 14 April 1950 DRc/DE/209
Label requires repair to preserve work in spandrils below. Approx. £150

N. Aisle - walling Forsyth survey 14 April 1950 DRc/DE/209
Generally better preserved than on S. side. Certain buttress quoins show signs of spalling, and in one case on the most westerly buttress an iron dowel is visible, in this case the quoins have been renewed in Portland stone at some date. The other buttresses have quoins of Chilmark and some of Kentish rag. £400

W. end - parapet Forsyth survey 14 April 1950 DRc/DE/209
Arcading between two turrets on right side is very much perished and should be repaired. Approx. £750

W. end - turrets Forsyth survey 14 April 1950 DRc/DE/209
Two main turrets should be scaffolded for close inspection as they are over the footway and any badly decayed stonework should be repaired. Approx. £1200

W. end - windows Forsyth survey 14 April 1950 DRc/DE/209
Repairs are necessary to transomes which are very bad particularly the northernmost of the two which is spalled back to the glass line on the key joint. Approx. £900

W. end - S.W. Turret Forsyth survey 14 April 1950 DRc/DE/209
Fairly extensive replacements are required to lower half (all small stones). The shafts, worked on solid with V rib down centre, will require dressing after fixing to obtain true alignment with old work. Aprox. £1100

S. Aisle - windows Forsyth survey 14 April 1950 DRc/DE/209
Repairs are required to jambs of two of the three simple lancet type windows; stone here appears to be Portland. Aprox. £300

S. Aisle - wall Forsyth survey 14 April 1950 DRc/DE/209
Walling is partly squared random rubble, some Kentish rag stone and tiles have been inserted. Some of the stones have weathered badly and should be repaired. Area of walling aproximately 27 yards long by 35 feet high Approx. £950

Lady Chapel - S. windows Forsyth survey 14 April 1950 DRc/DE/209
Three transomed and traceried three light windows. Outer portions of mullions and transomes are scaling and require attention. Upper half of jamb also weathered badly and detail has almost disappeared. Arches also need attention and repair; tracery, however, is better preserved. Approx. £1700

Choir Aisle Forsyth survey 14 April 1950 DRc/DE/209
Random walling is in fair state of preservation. Pinnacle to buttress of choir above this elevation is weathered and some decay is visible and needs repair. Approx. £1200

S.W. Transept Forsyth survey 14 April 1950 DRc/DE/209
Pinnacles at base of coping to gable end show signs of weathering and need attention and repair. Shafts on the angles need repair and some Chilmark stone quoins to buttresses require replacement £1200

S.E. Transept - S. side Forsyth survey 14 April 1950 DRc/DE/209
Bath stone appears to be the chief stone used and is fairly well preserved with exception of lower string under series of seven unused corbels, roughly 16 yards run requires renewal for at least half of its length. Approx. £300

Chapter Room - windows Forsyth survey 14 April 1950 DRc/DE/209
This is a low building with tiled roof and half round gutters upper windows are of wood sliding sashes, lower two light tracery window label will require replacement to prevent water running down and damaging tracery.

Chapter Room - walls Forsyth survey 14 April 1950 DRc/DE/209
Rubble walling needs attention where stones have weathered away; repoint as necessary. Approx. £150

Gundulphs Tower Forsyth survey 14 April 1950 DRC/DE/209
All growths should be removed from open joints in the weatherings and walling is most desirable asroots have a most harmful effect upon mortar in joints, which should be well pointed and grouted up and weathered off to clear water and prevent further growths.
Approx. £300

Tower Forsyth survey 14 April 1950 DRc/DE/209
Above roof level some movement has taken place causing failure of the stone, the same is repeated to a lesser extent on the N.W. corner. Repairs are necessary to this stonework. Approx. £300

Rain water pipes Forsyth survey 14 April 1950 DRc/DE/209
Another matter requiring urgent attention is the cracked and broken iron rain water pipes. These allow water to saturate the fabric and will soon cause considerable damage to stonework and internal plaster and timber. It is of utmost importance, therefore, that this source of trouble should be remedied at the earliest possible moment. Unfortunately it is not practicable to repair these old rectangular pipes at a reasonable cost; they should therefore be removed completely and replaced with new ones in cast lead. These will not require painting or other works of maintenance. Scaffolding is necessary for these replacements owing to heights and weights to be dealt with and therefore such work will prove costly. A schedule then lists defective pipes requiring immediate attention. £679.15.0d

Lead gutters Forsyth survey 14 April 1950 DRc/DE/209
All necessary repairs should be carried out to lead gutters and flashings. Water penetrates on the N. side of the Nave and in the S. Nave Transept due to faulty flashings. Gutters and flashings should be overhauled and all defects remedied. Approx. £250

Spire - leadwork Forsyth survey 14 April 1950 DRc/DE/209
The sheets are laid diagonally, as is customary; but many are torn due to their weight and perforations have been made by the introduction of wrot iron clips which are bolted through to timber beneath. All defects which allow the penetration of water should be dealt with. Approx. £450

Plasterwork Forsyth survey 14 April 1950 DRc/DE/209
There are many patches of loose and decayed plaster to the walls of the Nave aisles and also the Clerestory walls, due to the

penetration of damp. Defective patches should be removed and the walls made good with new lime plaster. Approx. £1200

External brick channels Forsyth survey 14 April 1950 DRc/DE/209
Should be pointed in cement where defective. Approx. £50

Drains Forsyth survey 14 April 1950 DRc/DE/209
All rain water and other drains should be tested for leaks and repaired if faulty Approx. £100

Cloisters Forsyth survey 14 April 1950 DRc/DE/209
Cloister wall adjoining Bishop's Gate is defective in many places and should be repaired or preferably replaced for a length of approx. 70 ft. with a low stone curb wall with wrot iron railings of simple design. Approx. £475

A new framed oak grille is badly needed in the Bishop's Gateway. This will act as centring to the arch and support the old mediaeval masonry. Approx. £95

We should be very pleased to meet the representatives of the Pilgrim's Trust at the Cathedral to explain any detail or give any further information which may be required. Sign. Edward C. Butler for W.A. Forsyth & Partners, 47, Nottingham Place. London.

Total estimate £17,784. 15. 0d.

REPAIRS 28 April 1950 DRc/AC/31
Cathedral architects were applying for licence to carry out all outstanding war damage repairs. Estimated cost repairs next five years £17,784 forwarded to Pilgrim Trust for consideration.

CRYPT altar 28 July 1950 DRc/Ac/31
Altar removed from N.E. corner be replaced there.

PRECINCT Cloister garth 28 July 1950 DRc/Ac/31
Work on low wall and new railings approved. Licence obtained.

1 9 5 1

SERVICES electricity 6 July 1951 DRc/Ac/31
Estimate rewiring whole Cathedral from S.E.E.B. £4566; only £1000 available could not proceed. Architect to cost renewal defective and temporary wiring and plugs.
Mr. Butler to meet S.E.E.B. and obtain estimate for 8 points in Choir with 4 pendant fittings; first aid repairs £25 agreed.

ARCHITECT 23 November 1951 DRc/Ac/31
Death on 4 Nov. of W.A. Forsyth reported. Agreed approach W.E. Godfrey to enquire whether prepared to accept post.
Appointment 13 December 1951 DRc/DE/209/I(a)
Mr. Emil Godfrey interviewed and offered appointment. Mr. Baldwin considered as his Assistant. Mr. Godfrey accepted offer in letter to Dean Crick 31 December.

ARCHIVE account book 23 November 1951 DRc/Ac/31
Hereford Cathedral had found a Rochester account book with first entry relating to Library since Reformation. Dean agreed to write for its return. (Dr. McKean in history of library does not mention missing book)

REPAIRS 23 November 1951 DRc/Ac/31
£5000 grant from Pilgrim Trust received to cover work done.

1 9 5 2

ARCHITECT 28 February 1952 DRc/Ac/31
W.E. Godfrey appointed retainer 50 guineas, J.S. Baldwin to be asked to be Surveyor with retainer 25 guineas. (Agreed March).

SURVEYOR 17 March 1952 DRc/DE/209/I(a)
J.S. Baldwin offered post of Surveyor

SURVEY 28 February 1952 DRc/Ac/31
Mr. Godfrey's report received; all urgent matters to be dealt with.

CHOIR ROOF 22 May 1952 DRc/Ac/31
Dry rot discovered to be worse than thought. Pilgrim Trust to be approached

September 1952 DRc/DE/209/Ia(k)
Schedule of work for repairs of one of main roof trusses over eastern crossing.

20 October 1952 DRc/Ac/31
Pilgrim Trust agreed cost could be met from unexpended balance of grant, but public appeal necessary.

APPEAL for funds 19 December 1952 DRc/Ac/31
Draft to be submitted to architect for £60,000.

INSPECTION OF FABRIC Godfrey survey 4 April 1952 DRc/DE/209

As reported in previous surveys, fabric generally in good condition structurally. There are however isolated cases of decay to be dealt with in the stonework and more urgently decay in the roof timbers, where dry rot has developed in one place and some beetle attack in others. Signs of movement, which have every appearance of being troubles of long standing, and places where the walling is out of plumb will require to be watched. The atmosphere in the neighbourhood of industrial plants has a deteriorating effect on stonework. Deterioration of this kind is in progress in parts of the Cathedral building and creates a problem which will have to be considered. On this question one may possibly get some guidance from reports on previous inspections which have been made and from the the amount of success any action taken on them may have had. Some experiment may also be useful. There will in addition have to be a programme of continuous small works, such as the repair of lead work and pipes, the pointing of mortar joints in stonework and the removal of vegetation, which should be followed regularly just as your staff now see that all gutters are kept clear. Wherever pointing is done the opportunity can be taken of avoiding the ugly strap work effect and the dark coloured joints which have been produced in the past. Finally there is the question of how much internal repair and redecoration of plasterwork will be possible. Apart from improving the appearance of the interior, this would have the practical advantage of making any new leaks or other defects easily discernible.

In my inspection I noted a number of items of work which are not immediately necessary. I have included them in the report to make the catalogue of defects as complete as possible, both as a record of the present state of things and as a guide for future observation and action. The more urgent and important matters therefore have a letter noted in the margin to indicate what I consider to be their priority and are as follows:

A For immediate attention
B For attention soon
C To include in next programme

The report does not attempt to describe the condition of the whole building or to make more than a passing reference to those parts which apper to be in good order. There were also some parts which

on this occasion I was unable to examine and a note of them is made at the end of the report.

ROOFS externally Godfrey survey 4 April 1952 DRc/DE/209
You are fortunate in the amount of new roof covering which exists. The lead of the Nave and Lady Chapel was recast and relaid in 1929 and the copper covering the Nave aisles is recent also. There is some deterioration in leadwork elsewhere and in the slating of other roofs, which I have noted here.

Gutters Godfrey survey 4 April 1952 DRc/DE/209
The gutters are kept in a well cleaned condition, an essential precaution. I noticed there were no duckboards. These are usually laid in gutters to prevent leaks in time of snow. There is no need if this trouble does not exist here; but any appreciable traffic on the unprotected material would lead to depreciation.

Slating Godfrey survey 4 April 1952 DRc/DE/209
There is a bad patch of slipped slating at the East end of the Presbytery roof on the S. slope. This must be put right at once and I understand the builder has it in hand. Generally the replacement of sliped slates should be carried out as a matter of routine. Only if it becomes evident that most of the nails have perished or if the proportion of slates held back in position with clips becomes large, should it be necessary to undertake the reslating of a whole roof slope. There are in addition quite a number of slates suffering from surface spalling. Other places in which routine attention of this kind is needed are

1. N.E. Transept W. slope, a few slips
2. S.E. Transept W. slope near valley - large slate slipped
3. N.W. Transept E. slope, a few slips

Ridge stones Godfrey survey 4 April 1952 DRc/DE/209
On the roof of the Treasury over the E. aisle of the N.E. Transept there is one ridge stone split in half with the one part fallen into the gutter on the N. side and another cracked and ready to do the same on the S. The cross at the apex is nearly all broken away. There are possibly two more ridge stones which are similarly defective. Lower parts should be removed now, but the ridge needs stripping and renewing soon, using as many of the old stones as are found to be intact. The renewal of the cross is, according to your last report, the subject of a claim to the War Damage Commission.

Chapter room roof Godfrey survey 4 April 1952 DRc/DE/209
There are some bad patches of slipped tiles on the N. slope of the roof. I understand they are items of war damage repair and should be attended to at once.

Leadwork Godfrey survey 4 April 1952 DRc/DE/209
The bad cracks in the lead of the S.E. valley of the E. Transept crossing have already been reported to you as causing the outbreak of dry rot beneath. There are cracks in the flat roof at the foot of the valley too. This lead has been temporarily repaired since my inspection, but it should be renewed when the repair of the timber

beneath is carried out. Neighbouring lead of the same date should be examined carefully at the same time for faults or weaknesses, as there are some signs of damp penetrating in the corresponding valley to the W. Other places in which leadwork needs attention are:

1. N.E. Transept gutter on W. side. Cover flashing at parapet cracked in several places. Gutter alongside N. slope of Treasury roof is puckered and should be watched for faults.

2. Cover flashings need wedging and pointing up to prevent penetration of damp at
   (a) Choir clerestory, base of wall on N. side
   (b) Nave clerestory, base of S. wall, particularly under jambs of 2nd window from W. end
   (c) Nave clerestory, base of N. wall

Spire leadwork Godfrey survey 4 April 1952 DRc/DE/209
The lead rolls have been fixed right through from the outside to the inner side of the boarding with rustless metal clips. These seem to be doing the job they were intended to do of stopping the creeping of the lead and at the same time do not appear to be making the covering less weatherproof, unorthodox though the method is.

The whole spire - or as much of it as can be reached without scaffolding - does however need to be examined in detail by a plumber soon. Some repairs which are easily accessible and do not require scaffolding are urgently needed:

   (a) On S. side two cracks at points where water flows most
   (b) On E. side, one crack
   (c) On N.W. angle, one crack

I hope these are not indicative of the general condition of the spire. I do not think they are, but I do advise a complete examination and marking of any repairs that are needed before the work is put in hand.

Access doors to the roofs Godfrey survey 4 April 1952 DRc/DE/209
Most of these need some sort of overhaul, but repairs should be undertaken to the door to the S. side of the Choir roof, W. end, and particularly to the main door into the N. side of the Choir roof at its junction with the N.E. Transept roof. The lead is coming away at the plate, the close nailing is coming out and it is failing generally. The frame of the window needs remaking as it is letting in damp, and rot is setting in. It is not dry rot, but the conditions are risky.

R.W.P. and stack pipes Godfrey survey 4 April 1952 DRc/DE/209
The present policy of replacing defective cast iron rainwater pipes with lead is I consider an excellent one. Except for the damage of theft, which must be faced nowadays, there are no drawbacks, and the result will be less maintenance cost in the future and less damage to the structure from unsuspected leaks. The serviceable sections of the piping which are taken down should however be retained for

use in repairing other pipes which have still some life. A case where an old length should be reused for this purose is on the downpipe at the W. side of the N.W. Transept of which the top section is split. This should be done at once.

The smoke stack on the W. wall of the N.E. Transept is badly cracked in its top section and in the third length from the top. This is not going to damage the structure, but it will have to be renewed and such periodical reneweal is costly. Before it is done the question of an alternative material to iron should be considered.

ROOFS internally Godfrey survey 4 April 1952 DRc/DE/209
I did not inspect the Nave roof at close quarters, but the timbers of the other main roofs are modern and appear to be in excellent order, with the following exceptions:

E. End: Dry rot: Godfrey survey 4 April 1952 DRc/DE/209
An outbreak of dry rot has occurred at the foot of the trussed valley timbers at the junction of the S. slope of the Presbytery roof and the E. slope of the S.E. Transept roof, caused by leaks through the lead valley and flat above. The fungus was in evidence on the brickwork at the bearing and on the timbers themselves, which are affected for about a third of their length. Signs of the fungus on the angle of the wall immediately below this point are visible from the floor of the crossing. I see no alternative but to renew this section of the truss, to remove some of the masonry on which it bears and treating the whole with fungicide. It is probable that some built in timber will be withdrawn, from which the outbreak may have started, because it is unusual for roof timbers to contract the disease when they are as well ventilated as these are. They can however always fall victim to an attack which springs form elsewhere.

This roof member is a complicated one and its renewal and the support of the rest of the roof while it is being done will need some ingenuity on the part of the builder. For that reason I consider a drawing will have to be prepared and more consideration be given to the problem than would be needed for similar work to an ordinary truss. The work should of course not be delayed, but I have as discussed with you at the time, given instructions to the builder to repair the lead temporarily and to give the timber and masonry sufficient treatment to prevent spread.

S.Choir aisle Death Watch Beetle Godfrey survey 4 April 1952 DRc/DE/209
There has in the past been a serious attack in the original timber of the roof of the S. Choir Aisle. Although some treatment may have been given to them, for instance when the timbers were slung up by iron stirrups to the new joists of the flat roof above in modern times, it appears that the attack is still active. A reference to previous reports and and instructions on treatment should be made before deciding what should be done here. This is a 14th century ceiling, which it is important to preserve, and I advise that an

estimate for treatment should be obtained as soon as the nature of any previous work has been ascertained.

E. end Woodworm Godfrey survey 4 April 1952 DRc/DE/209
There is some evidence of attack by small woodworm in all roofs east of the Tower, but I noticed none in the two W. Transepts. It is not I think worth preventive treatment now, but I shll want to consider this again later.

Structural movement Godfrey survey 4 April 1952 DRc/DE/209
There are a small number of cracks, which show some movement in the structure, but which seem mostly to be of long standing. In several cases tell tales have been fixed, and this method of keeping a check on whether movement is occurring is worth following everywhere

Presbytery vaulting Godfrey survey 4 April 1952 DRc/DE/209
(Centre bay S. side)This vaulting inside the roof space stands up free of the walling and above the roof plate level and there are some cracks through the plaster rendering on the top. They also show through on the face of the vaulting below. Though these portions are fortunately very steep, there is some instability here which needs watching.

N.E. Transept Godfrey survey 4 April 1952 DRc/DE/209
Probably associated with the cracks recently repaired in the vaulting, there is a crack which runs down its eastern wall through the head and sill of the N. arch of the clerestory arcade. A part of the lintol over the cap of the first free shaft has fallen out. This is old trouble because previous stopping has come out of the crack, but it needs to be watched.

Crypt below N.E. Transept Godfrey survey 4 April 1952 DRc/DE/209
Cracks in the vaulting here may be connected with the movements described above. Tell tales fixed at these cracks appear to be intact.

Treasury over E.Aisle Godfrey survey 4 April 1952 DRc/DE/209
There is a crack down the wall adjacent to the circular stair. This again may be a part of the same movement

S. Choir Aisle Godfrey survey 4 April 1952 DRc/DE/209
There is a vertical crack in the buttress which takes the thrust of the Choir vaulting. There is no sign of this crack continuing in the roof space above or in the part of the buttress that stands above the roof. This crack is shown in the drawing which hangs in the Aisle depicting the painting on this buttress. This is therefore an old fault, but one which needs watching.

Clerestory arcades of Presbytery, Choir and Transepts Godfrey survey 4 April 1952 DRc/DE/209
There is naturally an unequal pressure where the clerestory cuts into the thickness of the wall. This is evident from the fact that a large number of the Purbeck lintols which rest on the shaft caps and are built back into the wall are cracked right through. It

probably happened soon after they were built and it is interesting to see that similar cracks have occurred in Scott's new work at the E. end. In only one case (in the N.E. Transept, already mentioned) has a portion of a lintol fallen out. It is important however that these cracks should be kept filled, so that any movement now may be observed and additional tying-in or support can be arranged if necessary.

Presbytery Godfrey survey 4 April 1952 DRc/DE/209

One lintol at the W. end of the S. Clerestory of the Presbytery is supported at present with timber strutting and something more permanent is needed here.

S.E Transept Godfrey survey 4 April 1952 DRc/DE/209
In the S.E. Transept one of the Purbeck shafts at the northern end of the W. Clerestory is split right down. This is an old failure, but the shaft should be banded as a precaution.

N.W. Transept Godfrey survey 4 April 1952 DRc/DE/209
There is some stone and plaster repair necessary behind the arcade, which should not be delayed too long. This is dealt with under Plastering below.

Tower Godfrey survey 4 April 1952 DRc/DE/209
In a previous report which you showed me the point was made that, when Cottingham refashioned the Tower he did so with very thin walls in order to keep the weight on the piers below to a minimum. It is important therefore that this part of the structure should be watched for signs of movement. Some small repairs were advised in the last report which you had from Messrs. W.A. Forsyth & Partners. The defects which I noted were some small cracks and spalling on the N.W. and S.W. buttresses.

Nave W. end Godfrey survey 4 April 1952 DRc/DE/209
There is a crack visible internally in the wall on the N. side of the arch of the main W. window. This is a quite normal place for settlement to occur and probably it it happened soon after the window was rebuilt It may however be associated too with the overhanging of the gable parapet above, which has been tied back with rods to the flanking towers. A close examination on this occasion was not possible as it was out of reach.

Walls structural state Godfrey survey 4 April 1952 DRc/DE/209
The walls are in very good order, but it must be remembered that mediaeval walls were usually built with strong internal and external skins, filled between with a rubble or chalk core in mortar. Unequal compression or the weakening of the mortar has often caused the disintegration of the core, and trouble can develop quite quickly in walls which have every appearance of being sound. I am informed that when Messrs. Webb cut through the E. end of the N. Aisle wall of the Nave in order to put in the new flue to the stove, it was difficult to stop the core running out. This condition must therefore be borne in mind and watched, particularly as the wall at

its other (western) end is a good deal out of plumb (8½" in its height internally and 1'1" externally).

The fact that parts of the S.E. Transept are not vertical goes back to a period soon after its erection, and the trouble which developed in subsequent centuries was dealt with when Cottingham's new work was carried out. This need not cause any alarm, nor need the leaning external wall of the S. Choir Aisle which seems to be adequately supported by the flying buttress erected in Scott's time.

EXTERNAL MAINTENANCE OF MASONRY

Vegetation Godfrey survey 4 April 1952 DRc/DE/209
It is important to keep all vegetation off the building, ie anything with damaging roots or mosses which retain moisture. This should be a routine measure. On the whole the building is free from it, but there is a good deal on Gundulf's Tower, also on the sloped coping at the end of the Aisle roofs between the Towers at the W. end and at the top of the N.E. Turret of the N.E. Transept

Pointing walls Godfrey survey 4 April 1952 DRc/DE/209
A list of the places where pointing is required is given here. Some are quite small jobs, some are instances of pointing which is sound but unsightly. Wherever pointing is found necessary now and in the future, the opportunity should be taken of doing it thoroughly and in a manner which if consistently followed will eventually remove all the black or strap jointing from the random walling.

1) Presbytery E. end: walls Godfrey survey 4 April 1952 DRc/DE/209
Rubble walling. North Turret, E. and S. face, bad surface strap pointing on top of weak lime mortar; all loose. The E. end and S. Turret is of the same appearance, but hard and in good order.

2) N.E. Transept walls Godfrey survey 4 April 1952 DRc/DE/209
Joints in coping of eastern parapet (N. of Treasury roof). W. wall of this Transept, N. Choir Clerestory wall and E. wall of N.W. Transept all have hard strap jointing in good order.

3) Gundulf's Tower walls Godfrey survey 4 April 1952 DRc/DE/209
Recent pointing in good order. A small section on S. wall at S.E. angle still remains to be done at some time.

4) Nave N. Aisle wall Godfrey survey 4 April 1952 DRc/DE/209
Some of the random stones are weathered as much fas 3". The treatment of this wall must be considered, but is not immediately essential. Some of the buttress plinths should be pointed up now however.

5) Nave S. Aisle & Lady Chapel walls Godfrey survey 4 April 1952 DRc/DE/209
Spalls of flint have been embedded in the mortar of the joints. Though there is no objection to this method, the black effect of the joints against the light colour of the stone is incongruous.

6) Choir S. wall Godfrey survey 4 April 1952 DRc/DE/209
Open joints require pointing up in coping of parapet near junction with S.W. Transept

7) S. Choir Aisle wall Godfrey survey 4 April 1952 DRc/DE/209
In this case the flint spalls in the joints are working loose, and it wil be necessary to tackle their repointing soon.

8) Chapter Room walls Godfrey survey 4 April 1952 DRc/DE/209
S. wall: this wall needs considerable attention, as the joints will have to be raked out deeply and all cavities be well filled when repointing is done. At places a point can be inserted as much as 8" from the face. Incidental repairs to the dressed stonework should be done at the same time.

9) The brick rainwater channels at the base of the walls need grouting in and pointing up in several places.

POINTING & REPAIR OF STONE FACING Godfrey survey 4 April 1952 DRc/DE/209

1) There are several parts of the ashlar facing where damage is occurring by the surface of the stone peeling away. The trouble starts at the joints. This may be simply the result of frost expansion in a soft joint or chemicals in the atmosphere being absorbed by moisture into the joint. It is possible also that the surface has been made more dense than the rest of the stone by natural hardening or by treatment and is therefore being forced off from behind. The effect is for the surface to come away as if the stone had been end bedded, whereas it is in fact correctly bedded.

This trouble is very evident on the parapet of the N. wall of the Choir, and the adjacent parapets of the two Transepts. It also occurs on the N.W. Turret and pinnacle of the N.E. Transept. There is a case too on the S. side of the building, in the E. parapet of the S.W. Transept.

The badly decayed pinnacle at the N.E. angle of the N.E. Transept is probably a case of the advanced stage of this same trouble. It is the only really bad pinnacle remaining to be renewed under the present programme. One could I think erect a local staging in order to examine it again more closely, and in order to carry out the work too, should it be found possible to restrict it to repair and not renew.

The stonework in which this particular failure is occurring is not old and I would like to see some alternative methods tried to mitigate it. Again it will be useful to examine previous reports to see whether this is a new development, and to see the results of any earlier attention which may have been given to it.

2 There is some very deep wasting of stone in the main wall of the Nave S. aisle. Tiles have in the past been inserted as weatherings

over some of the stones, where they have decayed most, but there is little that can be done to stop the flaking of firestone, which is the worst offender in this case. You have already been advised that extensive repair is required. I have mentioned too that the joints are hard, perhaps too hard, with flint spalls embedded. I do not think it is urgent to embark on a general repair, though it would be of advantage to do something locally and thereby gain information the wall's condition.

STONEWORK REPAIRS REQUIRED Godfrey survey 4 April 1952 DRc/DE/209
In dealing with repair to stonework the question always arises of how far complete renewal is called for. In many cases a weathered and worn appearance is quite harmless and looks less incongruous than new, provided the bulk of the stone is sound and stabiity is maintained with good jointing. In other cases, where decay is local, bad sections can be cut out and made good with 'plastic' stone, that is to say an artificial stone compounded of stone dust, sand and cement, which is formed in position and, if properly reinforced with rustless metal, can stand for a long time. It is obvious however, that a policy should not be adopted, even if attractive from the point of view of economy - which is followed over a period of many years would start to transform the appearance and material of the Cathedral. I am certainly in favour of postponing reneweal, where the removal of loose stuff and improvement of the jointing is practicable, and in some instances of using the plastic stone method locally, as a temporary expedient until such time as the condition of the surrounding work should call for the complete renewal in natural stone of this and the temporary repair together.

Presbytery E. end Godfrey survey 4 April 1952 DRc/DE/209
The labels of the clerestory windows are decaying. Repair may be postponed

N.E. Transept Godfrey survey 4 April 1952 DRc/DE/209
Angle of N.W. staircase turret. Quoin stones are spalling and losing their bond with the ragstone walling, close to the base. This work should be done.

N. Choir Aisle Godfrey survey 4 April 1952 DRc/DE/209
Clerestory windows. Firestone labels are badly perished and need renewing.

Treasury roof Godfrey survey 4 April 1952 DRc/DE/209
Need to renew the cross at apex of gable.

N.W. Transept Godfrey survey 4 April 1952 DRc/DE/209
W. wall. One free standing shaft has perished badly. It appears to retain sufficient substance for safety, but should be watched.

Nave clerestory Godfrey survey 4 April 1952 DRc/DE/209
Windows in N. wall. Several mullions (which are necessarily end bedded) are spalling particularly at the saddle bars; for example

the 5th and 6th windows from the E. The labels are good. This is a case for repair.

Nave N. Aisle wall Godfrey survey 4 April 1952 DRc/DE/209
Windows generally are wasted, the 4th from E. being the only one which has not lost its label moulding. There is trouble here too at the saddle bars, and these windows have been much patched with mortar. Some stones of the label over the N. door have perished. The E. side ofthe 5th buttress is wasted. These are mostly cases for repair, but renewal must be considered for the label mouldings.

Nave W. front Godfrey survey 4 April 1952 DRc/DE/209
Whole of the west front appears to be in a very good order with exception of S.W. turret

Nave N.W. Turret Godfrey survey 4 April 1952 DRc/DE/209
N.W. angle, one stone of angle shaft perished (a few courses above Aisle roof coping).

Nave gable parapet Godfrey survey 4 April 1952 DRc/DE/209
This parapet is a thin one (9½") and leans outwards. As a precaution it has been held in by a metal bar at each end. The coping and some of the ornamental work of the parapet are spalling. The loose pieces should be broken off (as they are over the pathway) and the question of repair considered with the remainder of the W. Front

Great W. window Godfrey survey 4 April 1952 DRc/DE/209
At the upper transome on the S. side, one seating and one springing at jamb are cracked. I do not consider there is any need to repair, but it can be examined at the same time as S.W. Turret

Nave S.W. Turret Godfrey survey 4 April 1952 DRc/DE/209
The arcaded stage of this turret from the level of the springing of the window arch down to its main transome is flaking very badly. One stone of the stage above at a shaft base is also perished.

Nave S.W. Tower Godfrey survey 4 April 1952 DRc/DE/209
There are isolated instances of perished stones. Some renewal or careful weathering of joints is necessary.

Nave S. Aisle Godfrey survey 4 April 1952 DRc/DE/209
Stones in the windows are cracking badly at joints. The right jambs of the easternmost requires a new piece of stone. The left, and perhaps the right jambs of window needs similar treatment. The same renewal will become necessary in the western window, even if not immediately.

Lady Chapel Godfrey survey 4 April 1952 DRc/DE/209
Broken portions of the transomes need renewal, but it is the perished nature of the mullions at their seating which make the work essential.

S.W. Transept Godfrey survey 4 April 1952 DRc/DE/209
Centre buttress in E. wall. Quoins are flaking badly. May be dealt with by repair only.

Presbytery Godfrey survey 4 April 1952 DRc/DE/209
S. wall. Centre buttress (in court). Several stones at the base are broken away on the angle and repair is needed.

PLASTERING & INTERNAL DECORATION Godfrey survey 4 April 1952 DRc/DE/209
As I have said earlier, if the plaster of the Nave Clerestory and Aisle walls could be repaired and the whole redecorated, the numerous stains from past leaks would be removed and any new trouble would become more easily discernible. It is not suggested that the work should be done for that reason. The plaster does need repair and the walls would look very well if redecorated. However, the scaffolding for it would be very expensive, and it must take second placed to external or structural work. On the grounds of appearance it should be considered whether funds are availabe or should be raised to do it.

Nave S. Aisle Godfrey survey 4 April 1952 DRc/DE/209
Whenever it is tackled, the opportunity should be taken of improving the brick stack from the stove at the W. end of the Nave S. Aisle. It appears from the crazed and cracked plastering on it that it is insufficiently lined.

N.W Transept Godfrey survey 4 April 1952 DRc/DE/209
There is some plaster repair needed in the Clerestory, which could be undertaken as a separate operation. Some consolidation of the walling and stonework will be necessary first, as it is looseness in this which may have dislodged the plaster. The worst place is behind the southern triplet of arcading on the W. wall. Two less serious cases occur on the N. wall towards the E. end, and the E. wall of the southern end.

NOT INSPECTED

Presbytery turret stairs Godfrey survey 4 April 1952 DRc/DE/209
Inaccessible, steps being covered with rubble. Must be cleared out at some time to examine condition.

Crypt Godfrey survey 4 April 1952 DRc/DE/209
Not examined due to lack of time. There are cracks in vaulting which may be associated with the cracks and war damage in the N.E. Transept above. These cracks have tell tales and can be watched.

Nave roof underside Godfrey survey 4 April 1952 DRc/DE/209
Inaccessible. Understand that when the lead was taken up, recast, and re-laid, the old boarding which one can see from below was left in position. New timbers of small section were then put in and the new boarding which was to take the lead was laid on these. There is therefore a cavity in this roof which should be of value as insulation. It would however also serve to conceal any trouble

which might at any time develop in the roof covering. I think that for this reason the white stains which appear o the underside of the roof should be inspected from close quarters. I am not expecting that they are anything serious, they may even be old whitewash or plaster stopping showing through the staining, or they may be a white deposit from the underside of the present or the previous lead covering. But they should be investigated.

Precinct Godfrey survey 4 April 1952 DRc/DE/209
New discoveries in the cellarer's range of the Old Cloister. Brief glance at these gave me impression they were coming to some harm from exposure; would prefer to study them more closely before making any recommendation.

E.END crossing roof trusses September 1952 DRc/DE/209/I(a)K
Schedule of work for repairs. Includes renewal by scarping on new scantlings, portion of truss affected by rot minimum length 2' of sound timber beyond this point...treat new timber and S.W. valley truss, treat and renew timber of flat roof...

1 9 5 3

FURNITURE 28 May 1953 DRc/Ac/31
Two chairs presented by Bishop for use in Sanctuary; reported that chairs originally made for Bishop Harmer for use in Bishop's Court, and Bishop wished that instead of being regarded as a gift, should be considered on long loan to Cathedral from Bishops Court to avoid difficulty with Commissioners.

CHOIR dry rot 9 June 1953 DRc/Ac/31
Report of meeting received between Baldwin and A.G. Webb & Sons. As from 15 June work commences. Also repairs to roofs and gutters on N. and S. side Choir roof.

SPIRE 9 June 1953 DRc/Ac/31
Architect asked to consider replacing lead with copper.

BISHOP'S THRONE 20 July 1953 DRc/Ac/31
Bishop Coverdale's throne made by Vicar of Hadlow accepted for use by Bishop in Nave.

FABRIC FUND Architect to Dean 21 October 1953 DRc/DE/209/I(a)
'..you must create one to tackle a programme of work each year...your maintenance has in the whole been so good...regrettable Pilgrim Fund unable to help with finance for maintenance..'

LADY CHAPEL windows 31 October 1953 DRc/DE/209/IB(e)
Schedule for war damage: Bath stone from Yockney quarries.

1 9 5 4

CRYPT Godfrey to Dean 1 January 1954 DRc/DE/209/IB
Rouse is an authority on treatment of wall paintings, value his opinion now; much worth preserving before we attempt repair plaster. Rouse's report went direct to Dean.

CRYPT Wall paintings 4 January 1954 DRc/DE/209/IA
Clive Rouse inspected paintings; considered were damaged by gas fumes.

CRYPT lighting 11 January 1954 DRc/DE/209/IB(f)
Richards & Bright: estimates, plans, etc. correspondence.

CRYPT vestries 29 January 1954 DRc/Ac/31
Godfrey authorised to employ Faith Craft Works Ltd. to re-site 3 vestries in Slype and arrange partitioning of Canon's vestry to be extended up to ceiling.

CRYPT 8 February 1954 DRc/DE/209/IB/A
Committee set up by Council for Care of Churches: D. Plenderleath, British Museum; Mr. Rawlins National Gallery; Mr. Rees Jones

Courtauld Inst. and Building Research Station: offer of this committee to investigate and help.

CRYPT Godfrey to Dean 23 February 1954 DRc/DE/209/IB/A
..will carry on with lime whitening of crypt vaults leaving for time being sections advised might be preserved.

CRYPT Invoice for decorating March 1954 DRc/DE/209/IB/E
Cleaning off and re-decorating vaulting to crypt, removing loose scale, twice limewashing with hot lime applied thick with brush marks left in. Extra for pounding in lime to consolidate surface as plaster loose condition.

CRYPT Invoice for decorating Slype March 1954 DRc/DE/209/IB/E
Twice whiting ceilings; cleaning limewashing walls; new door and frame cupboard dry oak; door in figured oak, moulded and mason jointed and hung.

CRYPT new slype vestries 2 March 1954 DRc/DE/209/IB(a)
Godfrey to Clerk: no objection to walls being plastered; would save trouble from dust but expensive. Walling has some interest, to lime whiten will not hide anything whilst lighter and cleaner. Webb must mix in some tallow in limewash or will come off on clothes.
Invoice for vestries March 1954 DRc/DE/209/IB/E
Collecting oak platform, converting same to cupboard, oak doors. Preparation floor for composition flooring.

CRYPT Lighting 17 March 1954 DRc/DE/209/IB/A
Architect's proposals to Dean.

PRESBYTERY Godfrey to Dean 27 March 1954 DRc/DE/209/Ib(a)
Old quatrefoil stones from E. end Presbytery not of great value would have liked to action your notion of using in dwarf wall; feel something less restless in that position needed; prefer plain walling with simple broad stone capping there.

REPORT Godfrey to Dean 27 March 1954 DRc/DE/209/IB(a)
Past year..complicated task checking outbreak dry rot in one of great diagonal roof trusses over eastern crossing; dry rot under guttering on N. & S. side of Presbytery dealt with. General check of guttering and down pipes throughout; remedial leadwork on spire; one access door to roof renewed. Progress with new scheme electric lighting of Cathedral. Hope to tackle death watch beetle in roofs N. and S. choir aisles and war damage to Lady Chapel windows.

S.CHOIR AISLE 24 April 1954 DRc/DE/209/IB(c)
One of wooden bosses has been partly reduced to powder by death watch beetle.

28 April 1954 DRc/De/209/IB(a)
Clerk to Godfrey: Baldwin and Webb investigating another case of death watch beetle over entrance to S. Choir transept; amount of dust in last two days beetles very busy, rather surprising as covered in 1925 work.

Godfrey to Clerk 2 May 1954 DRc/DeE/209/IB(a)
Death watch beetle attack is all part of S. Choir aisle roof recommended for treatment; if one of bosses has it badly we shall have to be very careful with it and rig up a staging to do it properly.

LIGHT FITTINGS 8 May 1954 DRc/DE/209/IB(ij)
Troughton & Young Lighting Ltd. Light fittings and plan, sketches.

INVENTORY 24 June 1954 DRc/Ac/31
Sacrist to revise Inventory; remuneration a ton of coal.

ALTAR rail 24 June 1954 DRc/Ac/31
Large gap reported at High Altar; matter referred to architect to consider removable rail being designed.

CRYPT Lighting Dean to Godfrey 13 July 1954 DRc/DE/209/IA(a)
..temporary lighting..myself like it very much indeed..would seem whole purpose of pointed arch was to secure impression of height..achieves this..also makes building look less 'lumpy'.

E.END crossing 6 August 1954 DRc/DE/209/IB(d)
Tie bars at roof crossing; design and detailing. R.W. Birch, civil engineer.

CHOIR roof 6 August 1954 DRc/DE/209/IB(e)
A.G. Webb & Sons: renewing N. access door and window.

REPAIRS 17 September 1954 DRc/Ac/31
Architect instructed deal at once with death watch beetle damage, est. £840. To commence work next spring Lady Chapel windows est. £900, repair to spire est. £1535, and necessary repointing and repair to gutters.

N. & S. CHOIR AISLE roofs 24 September 1954 DRc/DE/209/IB(k)
Death watch beetle treatment and furniture beetle. Invoice for injecting, spraying with Wykamol. Plan.

DEAN'S ANNUAL REPORT 27 September 1954 DRc/Ac/31
Appeal: £50,000 raised already; dry rot in roof work continues through year. Crypt had been redecorated.

N. & S. CHOIR AISLES 4 October 1954 DRc/DE/209/IB(a)
Richardson & Slatling start work treating roof timbers.

CRYPT Altar 13 December 1954 DRc/Ac/31
Godfrey asked to design furnishings.

CATHEDRAL PLATE 13 December 1954 DRc/Ac/31
Tazza of 1531/32 (one without cover) examined by British Museum; decided British workmanship, probably from same workshop as older Tazza. Christies valued £6,500 and £5,000 respectively.

NAVE lighting 13 December 1954 DRc/DE/209/IB(da)
Godfrey notes: attended Chapter; presented bracket drawings; generally approved. To proceed with working out proposal showing more contrast..

S. CHOIR AISLE 31 December 1954 DRc/DE/209/IB(e)
Webb & Sons: Opening roof for sprayers, clearing rubbish, re-laying cast lead. Repairs damage from dry rot fixing iron strappings.

NAVE ?N. AISLE(sic) 31 December 1954 DRc/DE/209/IB(e)
Webb & Sons: rebuilding brick chimney stack (must be S.Aisle)

1 9 5 5

REPORT Dean to Godfrey 18 January 1955 DRc/DE/209/IB(a)

Dry rot		£1120
Deathwatch beetle		£ 840
Spire		£1535
Gutters		£ 560
	Total:	£4055
Treasury roof ridge stone		£ 85
Nave w. end (done)		£ 56
Lady Chapel windows to be done in spring		£ 900
Smoke stack done		£ 40
Arches		£ 225
N.E. transept pinnacles		£ 400
Pointing S. wall Chapter Room		£ 225
Little jobs		£ 280
	Total:	£2211

HEATING Dean to Godfrey 24 January 1955 DRc/DE/209/IB(a)
?smoke stack - is this which carries fumes from stove in N. Quire transept; if so, fumes still bad, stove cannot be used in certain weather; discussion to convert to oil; use of 3 stoves all week round great difference to general warmth.

SPIRE 25 February 1955 DRc/DE/209/IB(g)
Repair work J.W. Gray & Son, quotations, drawings, correspondence.

REPORT TO FRIENDS Godfrey 11 April 1955 DRc/DE/209/IB(a)
During past year deathwatch beetle in N. and S. Quire aisles completed. In the S., original examination thought carved bosses and beams showing on underside of ceiling were in good order, but..found badly affected.
E. end roofs: work on roof ridges and parapets of Choir and transepts proceeded; dry rot required structural repair.

Cloister: Bishops gateway, decaying stonework nearby repaired.
Steeple: overhauled this year; many bolts supporting lead sheared - to repair and increase number bolts; lead fractures to be repaired.

HEATING 24 March 1955 DRc/Ac/31
Architect be asked advise converting Gurney stoves to oil firing, one first as experiment.

CRYPT Report on year 11 April 1955 DRc/DE/209/IB/A
Repaired and limewashed for Festival; removal of vestries from southernmost aisle and enhanced; permanent electric light installed except shades, temporary.

CEMENT DUST Dean to Godfrey 16 June 1955 DRc/DE/209/IB(a&1)
City long been pestered with cement dust from across river; citizens to protest in strongest possible terms. Your view whether old fabric such as ours would suffer damage from continual dosing of cement dust..conceivable deleterious effect on stone.
Godfrey to Dean 24 June 1955 DRc/DE/209/IB(a)
Industrial plants do cause damage to stonework in their district;likely fumes from cement works deleterious, doubtful whether actual dust falls in sufficient quantities at one time to form harmful crust.

STONE SCREEN 15 June 1955 DRc/DE/209/IB(1)
Plan wrought iron gate in stone screen. H.H. Martyn & Co.

ALTAR RAIL 24 June 1955 DRc/De/209/IB(1)
H.H. Martyn: estimate £31.7s. 12 gauge brass tubular, polished and lacquered.

LADY CHAPEL windows 24 June 1955 DRc/De/209/IB(1)
W.& E. Wilks, Gravesend, confirm - may be odd patchings of Bath stone, or even Portland, majority of stone above is Caen. Will forward drawings.

WAR DAMAGE repairs 20 August 1955 DRc/DE/209/I(a)
Work commenced.

CRYPT Altar decoration 26 August 1955 DRc/DE/209/IB/(b)
Correspondence re altar fabric and candlestick design by Michael Murray.

DEAN'S ANNUAL REPORT 19 Septemdber 1955 DRc/Ac/31
During year repairs to roof continued; treatment dry rot and death watch beetle completed; coming year: securing leadwork spire and repair to Lady Chapel windows; also completion furnishing chapel in Crypt.

CEMENT DUST 27 September 1955 DRc/DE/209/IB(a)
Letter from Building Research Station re affect on stonework; bears out my remarks: does not seem however that damage is not being caused by sulphur gases or that encrusted stonework and windows is not a real nuisance.

LADY CHAPEL windows 18 November 1955 DRc/DE/209/IB(c)
Stonework to be completed and glazed N. window W. wall, complete adjacent but postpone work on three southern windows.

CASSOCKS new red be used first time Christmas Day DRc/Ac/31

LIGHTING electric 24 November 1955 DRc/Ac/31
Tender accepted and scheme as put forward including lighting triforium in Nave and its transepts.

CLOCK 24 November 1955 DRc/Ac/31
Agreed be painted blue with gold lettering £30 est. Webb & Son.

1 9 5 6

LADY CHAPEL 19 January 1956 DRc/DE/209/I(a)k
Invoice for repairs to dilapidations to windows 1, 2, 3 in Lady Chapel on S. side.
Attending masons, erecting scaffolding, etc. A.G. Webb & Sons.
Stone masons Messrs. Wilks. Monks Park stone for windows 2 and 3; moulded as necessary to interior sections of left hand upper jamb of windows from transome to head tracery springing; approx. size 6" x 5"x8'6" in height.
Final account for maintenance repairs to windows £552.14s.0d.

CHOIR 23 April 1956 DRc/Ac/31
Estimate received lime washing roof Choir, transepts and Presbytery £1150. Further estimate sought.

WAR DAMAGE repairs 18 July 1956 DRc/DE/209/I(a)
Work completed.

CRYPT altar 28 September 1956 DRc/Ac/31
Gift of frontal, cross, candlesticks from Mrs. Tait. Oak table from Head Verger.

ORGAN 8 October 1956 DRc/Ac/31
Since launch of appeal found necessary rebuild organ £8000; intention outer appearance to remain same.

ORGAN 13 October 1956 DRc/DE/209/IA(k)
Invoice for assisting Organ Builders with scaffolding, taking down balustrading, extending same to accommodate extension to Manual, etc. A.G. Webb & Sons. £56.11s.0d.

DECORATION and CLEANING 6 November 1956 DRc/DE/209/IV(m)
Instructions for cleaning Choir, Presbytery, Chancel transepts: limewhitening vaults, beeswax to Purbeck columns.
Recipe limewash: 2-3 lb. lump Wakeley lime; add boiling water; add Russian tallow, stir well; apply while still hot.

CRYPT 17 November 1956 DRc/DE/209/IA(k)
Supplying making fixing additional oak robing cupboard in Vestry in Crypt to match existing. A.G. Webb & Sons.

PRECINCT 26 November 1956 DRc/Ac/31
Architect to seek planning permission erection in King's Orchard 2 canons' houses and 5 other subject to approval produce sketch plans.

CRYPT 17 December 1956 DRc/Ac/31
Frame for a Communion table 10 guineas be ordered from Webb & Sons; accept estimate for platform for existing communion table in crypt.

1 9 5 7

MINOR WORKS 10 January 1957 DRc/DE/209/I(a)k
A.G. Webb & Sons, James Street, Rochester. Invoice for small works £72.10s.9d.
Repairs to dilapidations to windows 1,2,3 in Lady Chapel: £642.19s.

CRYPT heating 21 January 1957 DRc/Ac/31
Infra red heating in Crypt chapel satisfactory
Agreed standard electric sockets throughout Cathedral be used
Electric fittings design for Choir approved.

CRYPT 16 February 1957 DRc/DE/209/I(a)k
Supplying and making shaped platform and table for Chapel on S. wall in Crypt A.G. Webb & Sons

CHOIR ceiling 18 February 1957 DRc/Ac/31
Letter received from architect re gilding boss on vaulting at crossing. Agreed if estimate acceptable.

GUNDULPH TOWER forming floor 18 March 1957 DRc/Ac/31
Chapter Clerk instructed obtain estimate for enclosing ground floor of G.T. and possible use of 1st floor as practice room.
12 April 1957 DRc/DE/209/Ia(k)
Forming floor over vergers room £44.10s.
29 April 1957 DRc/Ac/31
Estimate received A.G. Webb & Son for boarding that part of 1st floor at present open £44.10s. Approved.

CRYPT 13 April 1957 DRc/DE/209/I(a)k
Making platform for Altar to NE window in Crypt. A.G. Webb & Sons

CRYPT chapels 29 April 1957 DRc/Ac/31
Chapel on N. side in future be called St. Ythamar's Chapel. Central chapel Trinity; S. side: St. Michael's.

MINOR WORKS 11 May 1957 DRc/DE/209/I(a)k
Invoice for small works. A.G. Webb & Sons. £58.3s.6d.

ORGAN 7 October 1957 DRc/Ac/31
Rebuilding completed during year

LIGHTING electricity installed 7 October 1957 DRc/Ac/31

CHOIR ceiling limewashed 7 October 1957 DRc/Ac/31

BELLFRAME 24 November 1957 DRc/Ac/31
Steeple keeper reported movement in bellframe; surveyor had inspected, thought could be remedied at little expense.

GUNDULPH TOWER 16 December 1957 DRc/Ac/31
Kentish Church Builders be asked for price for cupboards for music.

NAVE ARCADE 21 December 1957 DRc/DE/209/I(a)k
Refixing stonework to N.W. pillar Webb & Sons. £1.18s.2d.

BELLFRAME 21 December 1957 DRc/DE/209/I(a)k
Stiffening up bell framing, plating and bolting same. Webb & Sons.

1 9 5 8

LIGHTING installations 21 March 1958 DRc/DE/209/Ia(m)
Report and correspondence consulting engineers Richards & Bright.

CRYPT 24 March 1958 DRc/Ac/31
Agreed estimates be sought for door and bridge giving access to Crypt from Deanery Drive.

LADY CHAPEL windows 27 March 1958 DRc/DE/209/IA(k)
S. side: A.G. Webb final account: £552.14s. supplying Monks Park stone moulded as necessary to interior sections of left hand upper jamb of windows 2 & 3 from transome to head tracery springing; approx. size 6"x5"x8'6" height.
Baldwin to Godfrey: war damage repairs to stonework: cost reduced by maintenance work done concurrently.

PULPITUM 1 April 1958 DRc/DE/209/Ia(k)
Wrought iron gate glazing and draught proofing: estimate H.H. Martyn & Co.: £224

CHOIR Baldwin to Godfrey 2 April 1958 DRc/DE/209/I(a)d
Letter re Webbs work stone cleaning and lime washing.
Godfrey to Baldwin: costs of lime washing and stone cleaning: purbeck columns, vaulting

HEATING 2 April 1958 DRc/DE/209/Ia(m)
Report and correspondence on conversion Gurney stoves; drawings. Richards & Bright consulting engineers.

CRYPT 8 April 1958 DRc/DE/209/I(a)d
Request from Chapter Clerk for design for door and bridge giving access to Crypt from Deanery Drive 'through window used in the past'

GUNDULPH'S TOWER 12 April 1958 DRc/DE/209/I(a)k
Forming floor over Vergers Room in Gundulf Tower.Webb & Sons £44.10s

SERVICES Switchboard shutter 13 April 1958 DRc/DE/209/I(a)k
Supplying 1 Messrs. Haskins No. 0 section 24 gauge miniature aluminium alloy interlocking steel rolling shutter, push up operation etc. Making wooden frame for do. selected oak, fitting roller into frame, cutting through walling, fixing switchboard in stonework, etc. A.G. Webb & Sons. £63.5s.9d.

BELL FRAME 21 April 1958 Drc/Ac/31
John Taylor, bellfounders of Loughborough, had inspected Tower. From verbal report unlikely to require new bell frame.

LADY CHAPEL 24 April 1958 DRc/DE/209/Ia(k)
Limewashing of vaulting and cleaning stonework, war damage and repair to windows.

BELL FRAME Bellfounders to Godfrey 29 April 1958 DRc/DE/209/R
J.P. Fidler investigated trouble with going order of tenor bell and condition of frame. When 8 bells recast and the 2 new trebles added by the Croydon Foundry in 1921, original timber frame, probably eighteenth century was retained and 8 of bells rehung therein, a separate steel frame provided for 2 of smaller bells. Ringers rang up various bells..possible to see excessive degree of movement especially when several of largest bells rung together. When whole peal going movement throughout frame even greater and develops in frame, bellchamber floor and supporting beams. Timbers appear sound, smaller members show death watch beetle but design and construction extremely poor and results in weak structure now quite unable to withstand live load imposed by ringing bells in full swing. Timber frame is a tall built structure and can see no means whereby inherent defects in design can be remedied. Attempts been made to lessen movement by altering head cills of frame to E and W walls also long bolts been fixed throughout entire depth of frame with other ironwork. No doubt the shoring up reduces movement of frame and ironwork, but remains so much movement that going order of bells adversely affected. Further principle of shoring head cills to lower is bad as direct thrust imposed against tower walls at these places.
In 1920 inspection by E.D. Taylor reported unsatisfactory condition of frame and supporting timbers 'considerable oscillation'.
Opinion - framework be taken out and replaced by new strong and massive C.I. frame of our 'low side' type. C.I. frame should be carried on steel girders grillage 4x20"x6½" RSJ and 20"x6½" fixed transversely beneath bolted together at intersection ends anchored and grouted into masonry. Re-use existing headstocks but new steel

gudgeons. Floor should be soundproofed. Taylors took over Gillett & Johnson's work who did survey under Farley Cobb.

Chapter Clerk to Godfrey 29 April 1958 DRc/DE/209/Ia
Bell founders opinion that new cast iron frame necessary

Baldwin to Godfrey 30 April 1958 DRc/DE/209/I(a)d
Excessive movement in bell frame when bells rung together reported to Chapter Clerk by Steeple Keeper. Two long bolts vertical through frame tightened; movement not stopped; John Taylor & Co. Loughborough contacted. Inspected, reported; estimated £2,480 provision new cast iron frame, excluding builders work.

Baldwin to Godfrey 30 April 1958 DRc/DE/209
Received estimate new cast iron frame: £2480, excluding buildjers' work. John Taylor, Loughborough.

TOMBS war damage repairs £179.11s.7d. April 1958 DRc/DE/209/IA(c)

CHOIR Vaulting 9 May 1958 DRc/DE/209/I(a)k
Final certificate: limewashing, cleaning stonework, scaffolding, etc. A.G. Webb & Sons. £1692.12s.6d.

LADDERING CHAPEL windows 9 May 1958 DRc/De/209/IA(c)
Total cost £1651; part paid War Damage Commission.

BELL FRAME Godfrey survey 4 June 1958 DRc/DE/209
Movement detected; consulting with bell founders

TOWER Godfrey survey 4 June 1958 DRc/DE/209/IA(c)
Cracks, spalling NE NW SW buttresses due rusting buried plates at end of tie rods. Unlikely to be overloading; stress from bell ringing or war damage. Non ferrous anchorage rods should be inserted.

GUNDULPH TOWER Godfrey survey 4 June 1958 DRc/DE/209/IA(c)
Several quoins decayed beyond repair.

W. FRONT doorway Godfrey survey 4 June 1958 DRc/DE/209/IA(c)
Recommend should be cleaned method as used at Exeter Cathedral.

NAVE walls 7 June 1958 DRc/DE/209/Ia(k)
Cutting out standard brackets from wall; refixing to hold colours.

ST.JOHN BAPTIST CHAPEL 7 June 1958 DRc/DE/209/Ia(k)
Taking up loose slabs in floor and relaying

NAVE N. AISLE N. WALL 12 June 1958 DRc/DE/209/I(a)d
Baldwin to Godfrey: Cottenden's plumb readings appear to be internal at either 6'9" or 17'9" position from west end.
Godfrey to Baldwin: Thanks for plumb readings but Cottenden not taken internal reading at either 6'9" or 17'9" position from W. end.

Baldwin to Godfrey 20 June 1958 DRc/DE/209/I(a)d
Enclose Cottenden's plumb reading taken as near as possible to corresonding external reading.(not in archive). He has lost original notebook of Feb. 1952 with readings.

BELL FRAME Baldwin to Godrey 20 June 1958 DRc/DE/209
Gillett & Johnson's plan was dated 15 May 1934.

CHAPTER ROOM windowsBaldwin to Godfrey 20 June 1958 DRc/DE/209/I(a)d
Examined with Webb & Cottenden: consider possible to repair by replacing worst pieces of warped timber, scribing fillets to bottom of lower sashes to keep out draught, etc.

N.CHOIR AISLE Baldwin to Godfrey 24 June 1958 DRc/DE/209/I(a)d
Webb ready to dress masonry in wall of N.Choir aisle; when dealt with last lot of dry rot used Magnesium Silico Fluoride. An alternative Sodium Pentachlorphenate, let me know which. Latter approved.

NAVE CHOIR stalls 21 July 1958 DRc/DE/209/Ia(k)
Making wrot iron brackets to pattern and having same galvanised and fixing to choir stalls.

N. CHOIR AISLE Godfrey to Baldwin 28 July 1958 DRc/DE/209/I(a)d
Webb cannot find suitable secondhand stones for parapet to N. Choir Aisle; agree to a brick on edge coping on top of proper tile or slate creasing.

CRYPT 22 September 1958 DRc/Ac/31
Estimate received A.G. Webb £33; abeyance until heating settled.

CRYPT 4 October 1958 DRc/DE/209/I(a)k
Forming sunk channel across path to back entrance Crypt (by steps) to prevent storm water flooding Crypt.

CHAPTER ROOM 11 October 1958 DRc/Ac/31
Dean offered his present dining table; accepted with gratitude.

CRYPT 13 October 1958 DRc/Ac/31
Dean reported during year 2 new chapels furnished, now 1 on s. side on site of old vetries and new on n.

BELL FRAME Godfrey to Baldwin 30 October 1958 DRc/DE/209
Please arrange for ends of supports of frame to be exposed to view whilst heaviest bells rung

GUNDULPH TOWER 8 November 1958 DRc/DE/209/I(a)k
Supplying, fixing nest of shelving in Gundolf Tower Music Room for Organist

BELL FRAME Godfrey to Chapter Clerk 22 November 1958 DRc/DE/209
Report of investigation of movement: mainly sub structure. Nothing wrong with strength although moves when bells 8 and 9 ring together; loathe to see good serviceable frame of presumably eighteenth century scrapped.

N. CHOIR AISLE roof 2 December 1958 DRc/DE/209/Ia(k)
Brick, leadwork, parapets: £593

HEATING 15 December 1958 DRc/Ac/31
Hot air ducts in Choir considered and curtain to separate from Nave.

CRYPT 23 December 1958 DRc/GA/I(a)k
Supplying and fixing handrail and stonework to wall on N. side of crypt.

1 9 5 9

LADY CHAPEL windows - War damage 1959 DRc/DE/209/Ia(o)
Series of letters with War Damage Commission concerning claims for repairs. Settlement for £497.2.8d.

CHOIR 10 January 1959 DRc/DE/209/Ia(k)
Making platform for Suffragen Bishop on N. side choir steps.

BELL FRAME 19 January 1959 DRc/Ac/31
Agreed renewal; since John Taylor's estimate of £2480 in April 5% increase.

LAVATORIES 19 January 1959 DRc/Ac/31
Estimates required for accommodation men and women; unless more suitable place found, to be sited present place where shed stood outside Gundulph Tower.

11 February 1959 DRc/Ac/31
A.G. Webb estimate accepted £791, including £97 for retiling roof. If possible 3rd w.c. be installed womens' side.

BELL FRAME Godfrey to Chapter Clerk 24 January 1959 DRc/DE/209
Must photograph when dismantled; retain members bearing graffiti.

BELL FRAME 27 January 1959 DRc/DE/20/R
Specification and estimate: £2480. Accepted.

LADY CHAPEL 7 February 1959 DRc/DE/209/IA(k)
Webb & Son: additional item: window No.4 omitted last account.

CHAPTER ROOM 7 February 1959 DRc/DE/209/Ia(k)
Repair table and treating for woodworm; 2 brass staple plates.

BELL FRAME 13 April 1959 DRc/DE/209
Taylors to start work.

CRYPT 18 April 1959 DRc/DE/209/I(a)k
Alteration, re-arrangement panelling in Boys Vestry in crypt

BELLFRAME Godfrey to Baldwin 21 April 1959 DRc/DE/209/I(a)d
Builders unable give details until old frame and bells removed. Their estimate included old frame timber to remain property of Dean and Chapter. Before disposed of, hope sections with graffiti can be marked for preservation.

Baldwin to Godfrey 17 June 1959
Enclose Cottenden's drawing of Belfry window cill for Bell Founder's use.

HEATING Specification 25 May 1959 DRc/DE/209/I(a)d
Chas. P. Kinnell & Co. Ltd. Oil fired Thermobloc air heaters for N. Aisle, S. Aisle, Choir Aisle, N.E. Transept, High Altar, Crypt. Pipes and storage, but excluding builders' work: £7,120. To be painted stone colour.

GUNDULPH TOWER 30 May 1959 DRc/DE/209/Ia(k)
Supplying shelving music room; hanging cupboard in robing room with pelmet and rails.

BELFRY WALL 4 June 1959 DRc/DE/209/R
Sketch sections through Belfry west wall windows.

BELL FRAME Taylors to Godfrey 8 June 1959 DRc/DE/209/R
Agreed girders 12" wall hold, ends cut off at 45°. Bottom set 6" above floor.

LADY CHAPEL windows 19 June 1959 DRc/DE/209/IA(0)
War Damage Commission correspondence

AMPLIFICATION 24 June 1959 DRc/Ac/31
Recent installation by Tannoy satisfactory.

HEATING 24 June 1959 DRc/Ac/31
Two schemes considered: hot air circulation Grundy Ltd., and six thermoblock units by C.P. Kinnell & Co.

CHOIR STALLS 20 July 1959 DRc/Ac/32
Chapter decided that special seats in Quire be allocated to Suffragen Bishop, Assistant Bishop and three Archdeacons, and that at next meeting the actual seats be allocated.

HEATING 20 July 1959 DRc/Ac/32
Two schemes considered; received estimate for £328 for humidifier. Meeting arranged with Haydens Ltd. for advice on hot air heating.

SOUND AMPLIFICATION 20 July 1959 DRc/Ac/32
Tannoy Ltd. had made all necessary modifications to newly installed equipment.

CATHEDRAL PLATE 20 July 1959 DRc/Ac/32
Difficult and expensive to make Treasury secure; agreed when new door for Crypt Strong Room, Cathedral plate could be stored there.

HEATING August 1959 DRc/DE/209/Ia(e)
Arrangement by Wanson Co. for architect to visit thermo block heaters in action in churches on continent.
10 August 1959 DRc/DE/209/IA(d)
Tender from Wansons...heating and ventilating 5 thermobloc heating and ventilating units £6887. 1 heater in S.Nave Aisle with fresh air direct passing through wall to external centrifugal fan situated via it below ground outside Cathedral.

11 August 1959 DRc/Ac/32
Wansons scheme approved; order to be placed £10,592. Higher grade of oil for less maintenance and smell recommended by Mr. Godfrey.

LIGHTING 11 August 1959 DRc/Ac/32
Agreed remaining two strip lights be fitted above Presbytery, existing Pulpit light be adjusted, experimental light fitted in Clerestory opposite.

ARCHIVES 11 August 1959 DRc/Ac/32
County Archivist agreed to prepare new catalogue and all muniments should be transferred to Maidstone for cataloguing.

PRECINCT Deanery Yard 11 August 1959 DRc/Ac/32
Agreed £44 estimate A.G. Webb & Sons. for protecting column bases.

BELL FRAME Godfrey to Structural engineer 12 August 1959 DRc/DE/209
Grateful for advice on this drawing sent by Taylors of Loughborough: I have agreed main positions of RSJs; they have repositioned bells to make sum of loads more central, though still eccentric. Tower is big on plan, walls relatively thin; old wooden frame was supported on wooden posts with usual bracing down to much lower levels, but will have given tower more punishment than firmly embedded proposed RSJs. (correspondence re calculations)

Birch to Godfrey 13 August 1959 DRc/DE/209/N
?3 holes through RSJs ?ring beam and holes for threading reinforcement. Good solution if expensive. Need spread horizontal load away from ends RSJs; cheaper solution possibly a ring of steel channels toes pointing out, right round and few inches away from wall face...

HEATING Godfrey to Clerk 18 August 1959 DRc/DE/209/Ia
Dean has written 'I suppose incoming air has to be filtered - would an ordinary filter be effective against the enormous amount of very fine cement dust which fills this part of Rochester by the river'. As air is re-circulated and does not draw from outside does not really arise. It is not air conditioning.

PRECINCT Godfrey to Clerk 19 August 1959 DRc/DE/209/Ia
Re development of a bungalow - main object in asking us to produce a scheme in August 1956 was to ensure orderly development of Chapter property..

BELL FRAME Taylor & Co. to Godfrey 12 September 1959 DRc/DE/209
Bracing work more difficult than expected. Girders 32' long, weighing 1 ton apiece; unlikely all 10 bells ready for Christmas.

CRYPT/CHOIR 8 October 1959 DRc/DE/209/Ia(pq)
J.W. Walker: organ builders: we are having to build a duct under central aisle of choir. Did you put organ blowing equipment in Crypt ?route, support of trunking, position through w. wall to point entering organ. Have made passage to take return air through floor gullies from choir to crypt, organ trunking could be accommodated;

grateful for information before start. (Walker & Sons: can't trace drawings..?humidifier)

HEATING installation 15 October 1959 DRc/DE/209/Ia(d)
Godfrey to Baldwin: Wansons agree using 9" for S. Aisle heater but want bottom of opening for flue to be 13' high from Cathedral floor.

BELL FRAME Birch to Taylors 21 October 1959 DRc/DE/209/N
Walls thin considering their materials in relation to length for purpose resisting horizontal forces from bellframe. Desirable forces N-S direction be transmitted as much as possible E-W walls and similarly E-W forces to N-S. (technical information continued in other correspondence with Taylors re sound transmission and bracing).

BELLS 12 October 1959 DRc/Ac/32
Dean reported work done during past year: removal of bells for a new bell.

HEATING 12 October 1959 DRc/Ac/32
Preparations made for installation 5 thermobloc heaters: 1 in recess between Crypt and Slype with ducts both into Sanctuary and into Crypt; 1 in old King's School Vestry; 1 in S.W. corner of Nave, and 1 in building to be erected on N. side of Nave and 1 in Vergers lobby at W. end N. Choir Transept. Not previously used for Church heating in England.

PRECINCT 12 October 1959 DRc/Ac/32
Plans prepared for new Deanery in contemporary style in old Deanery garden.

FURNISHING 12 October 1959 DRc/Ac/32
Copper plate be used to record gift of Chapter Room table by Dean Crick.

LADY CHAPEL 17 October 1959 DRc/DE/209/II(f)
Webb & Son: taking down oak screen to Lady Chapel; re-erecting same at R. angle across as directed on 9"x2" sole plate with dowels as temporary fixing; removing and permanently fixing to floor with wrot iron brackets plugged into walls £88.

BELL FRAME 19 October 1959 DRc/DE/209/R
Soundproofing 'sandwich' - top, t & g. boards of good thickness to rest on 3 ply Cabots quilting, in turn rests on insulating board such as Celotex. Due unevenness of floor might have to rest on light wooden joists on top of present floor. Must fit up tightly to walls.

BISHOP SUFFRAGEN'S CHAIR 21 October 1959 DRc/Ac/32
Mr. Godfrey asked to design faldstool for Bishop Suffragen's chair.

LADY CHAPEL 21 October 1959 DRc/Ac/32
Screen moving into position behind Altar approved; to be permanently fixed.

PRECINCT New bungalow 21 October 1959 DRc/Ac/32
Mr. Godrey authorized to prepare plans for bungalow in garden Mackean House as residence for Sub Warden of Theological College.

CARVED STONE HEAD 21 October 1959 DRc/Ac/32
Stone carving of a bishop's head at present in Slype be granted on permanent loan to Theological College.

HEATING 21 October 1959 DRc/Ac/32
Work on chimney stacks for new Cathedral heating commenced.

SHOWCASE 21 October 1959 DRc/Ac/32
Showcase for books, formerly in Treasury, be placed against W. wall N. Transept, be filled up for exhibition of the Bibles and MS.

BELL FRAME Godfrey to Baldwin 23 October 1959 DRc/DE/209
Birch's recommendations (structural engineer) for improving beam rigidity considers essential and sound deadening desirable by vacuum cleaning, douche of Wykamol, furring up to a level, laying cabots quilt over firring, 1¼" boards. Might lay a sand cement skirting to support boards, turn quilt up against and fix light fillet all round. Estimate from Webb £278. Accepted.

Taylors to Godfrey 12 November 1959 DRc/DE/209/R
Revised: should cut 6"x3½" angles so butt up to webs of 20"x7½" RSJ and weld ½" closing plate at each end 2x " dia. bolts to go through passing plates, bolting securely to webs of joists. Avoids complicated forge work.

ROYAL COAT OF ARMS 12 November 1959 DRc/Ac/32
Dean reported had been offered a Royal Coat of Arms to be fixed in Cathedral; to discuss location.

PRECINCT New deanery 12 November 1959 DRc/Ac/32
Architect recommended acceptance N. West's tender £13,665 as soon as possible as unofficial assurance could be obtained from Church Commissioners that would be prepared to raise funds out of the endowment.

BELL FRAME Baldwin to Godfrey 13 November 1959 DRc/DE/209
Is intended to place 20"x6½" steel joists in position before reinforced concrete bearings are put in.

Godfrey to Baldwin 17 November 1959 DRc/DE/209
Pads for bell frame should be concreted before steel beams arrive leaving pockets ready for beams; when beams inserted pockets should be concreted. Therefore as far as concrete work, bells can be rung as soon as hung; if rapid hardening P.C. used strength requirement on drawing will ensure 3 day strength adequate; bells and frame will take 7 days to erect and 7 day strength of concrete will be adequate.

Baldwin to Taylor & Co.19 November 1959 DRc/DE/209/IA
Confirm our builder will fill in existing holes for bell ropes in Belfry floor and keep hardwood sleeves from rope holes for your future use. Understand you will form rope holes in new positions.

S.NAVE AISLE 18 November 1959 DRc/DE/209/IA(d)
Kentish Church Builders..new heater installation..as soon as completed rebuilding chimney stack in S. Nave Aisle..are you prepared do all builders work installation thermobloc heaters, oil storae tank, circulating mains

HEATING installation 19 November 1959 DRc/EE/209/Ia(g)
Message: S. Aisle heater: Mr. Baldwin under impression you want old flue first 40' rebuilt instead of a new flue beside it? (good idea). Trouble of using flue for two different types of heaters is connection for new boiler is at 12' and old boiler 5': instruction renew flue; have two inlets. Sketches plan section r.w. gulley across roof.
Presbytery heater: Baldwin told you wanted 3" Clipsham stone for flue and not Clipsham quoins and random rubble taken from Cathedral grounds (if rubble would have to be more than 3").
Do you want brick with Clipsham stone facing for bottom 20' of flue, even though going to be a boiler house. Clipsham might be better because of fine random rubble walls (bricks OK).
Mr. Baldwin though might be better to take liners right up flue and not just 6' as would have to have a weak mortar anyway. (I did suggest liner with fossilised aggregate).
Mr. Webb is going to take up grating as there might be a soakaway underneath (sketch) proposed flue.

LADY CHAPEL 19 November 1959 DRc/De/209/IA(g)
Telephone message left for architect: church officials have moved the altar from position 1 to 2 and want to move screen from position 3 to 4. (sketched). Baldwin does not agree with this as screen would have to be cut as wrong length.

BELL FRAME 20 November 1959 DRc/DE/209
Taylors, bellfounders, refer to additional bracing in beams. To commence concrete beams 30 Nov.

ORGAN 23 November 1959 DRc/Ac/32
Estimate for humidifer from Watkins & Watson £328 accepted.

PRECINCT New deanery and bungalow 23 November 1959 DRc/Ac/32
Unofficial confirmation from C.C. cost new Deanery would be met and probably also new bungalow.

HIGH ALTAR 23 November 1959 DRc/Ac/32
Question of moving High Altar considered; decided that next time Nave Altar had to be moved might be placed just to E. of pulpit as experiment.

BELLFRAME 23 November 1959 DRc/Ac/32
Old oak bellframe: Chapter Clerk to enquire whether pieces would be of value to Kentish Church Builders.

HEATING S. Aisle 7 December 1959 DRc/DE/209/Ia(g)
Mr. Baldwin: in digging fan chamber come across projections from

Cathedral wall; chamber would have to be moved out. Sketch. Temporary oil tank have to be placed outside fan chamber for heater. Mr. Godfrey: could you do a sketch how affects existing underpinning and send to civil engineer; he seems happy can make r.c. box provided don't cut concrete. will also advise on back fill against turret (sketch).

S.NAVE AISLE 31 December 1959 DRc/DE/209/IA(d)
Heating installation: Wansons altering size of excavation.. regarding foundation of turret, appears to have been underpinned in brickwork similar to wall but brickwork goes down to lower level and no doubt mass of concrete underneath but do not think fan chamber excavation will affect turret in any way.

NEW

1960

HEATING INSTALLATION 4 Jan. - 21 Nov. 1960 DRc/DE/209/II(0)
Wanson & Co. correspondence, etc.

PRECINCT New bungalow 18 January 1960 DRc/Ac/32
Accepted estimate £4350 excluding Architect's fees. To be named Deanery Lodge.

ARCHIVES 18 January 1960 DRc/Ac/32
Agreed long loan to Theological College of duplicate Muniments kept at County Archives

CASSOCKS 18 January 1960 DRc/Ac/32
New light blue cassocks be purchased; agreed old black cassocks be given to needy churches keeping a reserve for probationery choristers.

NAVE S.AISLE wall 22 January 1960 DRc/DE/209/II/(c)
Baldwin to Godfrey's office: underpinning not mass of concrete as appeared but more projecting brick courses which are built on a brick edge course which in turn rests on earth. The concrete seems to have been thrown on surface of the brickwork.

BELLCHAMBER 28 January 1960 DRc/DE/209/II(f)
A.G. Webb & Sons: preparing, levelling floor, covering 3 ply Cabbots quilt; facing up walls to receive skirting 1¼" t.& g. flooring, trimming to hatchway, hatch covers £278.12s.7d.
Other work, ladders, diverting cat walk, new hatch cover sound proofed, etc.

HEATING 30 January 1960 DRc/DE/209/II(f)
Webb & Son: diversion rain water drain and foundation to chimney in yard S. side Crypt, new flue S.W. Nave £209

HEATING 10 February 1960 DRc/DE/209/II(d)
Structural engineer's drawings S1/2 for S. Aisle and N. Aisle chambers, Presbytery heater, concrete beam in window cill over new grille S3/4

PRECINCT King's Orchard 15 February 1960 DRc/Ac/32
Estimate £20 received Austen & Co. for bricking up gap in wall between Oriel House and Kings Orchard.

ROYAL COAT OF ARMS 18 February 1960 DRc/Ac/32
Gift accepted of second Coat of Arms: agreed to fix over entrance at N. Choir Transept.

20 February 1960 DRc/DE/209/II(f)
Webb & Son: fixing coat of arms where directed, wrot iron pins pinned into wall £14.11s.

HEATING INSTALLATION 5 Mar.- 26 Nov.1960 DRc/DE/209/(1)
Kentish Church Builders: materials, labour, invoices and certificates.

HEATING 14 March 1960 DRc/Ac/32
For first year ducts leading from W. End Choir to Crypt be omitted.

ELECTRICITY SUB STATION 14 March 1960 DRc/Ac/32
Site to be leased to S.E.E. for 20 years at rent 1s a year to supply new Deanery and bungalow; to be placed at rear of 82-84 High Street.

HEATING 25 March 1960 DRc/Ac/32
Agreed that as experiment ducting should be ommitted from under Choir floor to see whether the return air to Presbytery heater through Crypt would find its way back if Crypt door left open.

PRECINCT New Deanery and Deanery Lodge 25 March 1960 DRc/Ac/32
Church Commissioners had agreed to pay £19,350 towards new buildings; capital to be repaid over 30 years.

BELL FRAME 16 April 1960 DRc/DE/209/II(a)
Total cost new frame: Kentish Church Builders, Taylors, Webb & Son: £3366.8s.7d.

BELLS 20 April 1960 DRc/DE/209/II(n)
John Taylor, Bell Foundry: final account rehanging ten bells £2741

FIVE YEAR REPAIR PLAN 16 June 1960 DRc/DE/209/II(a)
1960 Scaffold and wash W. Front
1961 Tower stonework; removal rusting iron tie rods
Chapter Room wall pointing
E. End walls ditto
1962 Continuation moving west
1963 ditto
1964 Interior Nave: repair and limewash plaster.

SUFFRAGEN BISHOP'S CHAIR 20 June 1960 DRc/Ac/32
Simpler of two designs accepted from Cathedral Architect.

PRINT OF CATHEDRAL 20 June 1960 DRc/Ac/32
Print of Cathedral before spire erected presented by Dr. Greene to hang in Chapter Room as temporary measure.

BONES 20 June 1960 DRc/Ac/32
Bones dug up during installation of heating to be re-interred as soon as possible.

WEST FRONT cleaning 20 June 1960 DRc/Ac/32
Providing experiment of cleaning small section successful should proceed with whole.

PRECINCT Deanery Lodge 20 June 1960 DRc/Ac/32
Church Commissioners agreed now to raise £19,350 towards cost repayment of £5000 only by annual installments £96.17s.

LIGHTNING CONDUCTOR 20 June 1960 DRc/DE/209/II(f)
R.C. Cutting & Co: supplying components and bonding new steel bell frame onto nearest position of lightning conductor. £17.10s.

W.FRONT 8 July 1960 DRc/DE/209/II(c)
Scaffolding to be erected and spraying to start. Washing to include flanking towers. Details of a silicone water repellant.

CHOIR STALLS 18 July 1960 DRc/Ac/32
Precentor delivered report in connection with Choir stalls; agreed St. Andrew should be left out and that the seats for the three Archdeacons, Assistant Bishop, Bishop Suffragen and Hon. Canons should be marked with Saints names as should also the Stalls for the Sacrist and Succentor. Lettering to be broad pen.

CHAPTER ROOM ceiling 9 August 1960 DRc/DE/209/II(b)
Only outstanding war damage plaster; Commission seem willing to leave open until it is decorated.

DEATH OF BUILDER 17 August 1960 DRc/DE/209/II/(c)
A. Webb, senior partner of building contractors, died.

BISHOP'S THRONE 26 September 1960 DRc/DE/209/II(a)
Re-seat approved July. Failed to find suitable Tudor panelling; enclose drawing. Timber suggested Affromosia: naturally dark and beautiful. (approved).

W.FRONT window 29 September 1960 DRc/DE/209/II(c)
'..seems our job is to clean outside with soft soap and water and tackle inside more carefully pane by pane with chamois and soft water..'

SUFFRAGEN BISHOP'S CHAIR 27 September 1960 DRc/Ac/32
Chair and faldstool. Final designs approved. Archdeacon dissenting.

W. FRONT 27 September 1960 DRc/Ac/32
Chapter Clerk instructed to inform Architect that hoped cleaning of carving round W. door could be finished as soon as possible to enable to dry well before risk of frosts.

W.FRONT Godfrey to Baldwin 1 October 1960 DRc/DE/209/II(c)
Enclose BRS Digest 47; best use No.1 fungicide solution by John Line; should advise treatment on surfaces only where growth is evident - apply thoroughly within arcading where it was most disfiguring and when stone is dried out.

W. FRONT Baldwin to Godfrey 20 October 1960 DRc/DE/209/II(c)
Cleaning going satisfactorily except N. Tower; stonework, especially shafts of columns very dirty, seems impossible to remove dirt altogether; to remove surface of stone not wise, certain amount of dirt to remain.

BISHOP'S SEAT 7 November 1960 DRc/DE/209/II(i,j)
Norman & Burt: estimate: English oak £245. (erected 24.1.61)

W. FRONT Baldwin 9 November 1960 DRc/DE/209/II(c)
Washing now finished. Soap, water, pumice on W. window not got it clean. ?use Dokarthan. Mr. Carden thinks too strong.

HEATING 23 November 1960 DRc/DE/II(a)
Wansons system not proving satisfactory; fans noisy.

HENNIKER MONUMENT 1 December 1960 DRc/Ac/32
Provisional estimate for removing iron railings round tomb, removing step, renewing base moulding £85. Decided not to accept as work could be done much cheaper by vergers.

HEATING 1 December 1960 DRc/Ac/31
1500 gallons mobilheat £83.

PRECINCT 24 December 1960 DRc/DE/209/III(o)
Building brick piers under columns in Cloister walls in Old Deanery Yard; making oak brackets and canopies over column bases including fairing up stone walls and inserting bolts to hold brackets.

W. FRONT 29 December 1960 DRc/DE/209/II(c)
Bill for cleaning: £1605.15s.10d.

1 9 6 1

HURST MEMORIAL 26 January 1961 DRc/Ac/32
Memorial dedicated at Evensong.

ENTHRONEMENT Bishop R.D.S. Clark 1 February 1961 DRc/Ac/32

HENNIKER MONUMENT 20 February 1961 DRc/Ac/32
Reported: vergers removed rails; £2.10s.

WEST FRONT doorway 20 February 1961 DRc/Ac/32
Question of new head for figure on S. side of west door considered; architect to be consulted.

PRECINCT lamp post 20 February 1961 DRc/DE/209/III(b)
Dean wants sketch for lamp post and lantern; sketches. No. 1 chosen, Hyders of Plaxtol approached. Persuade Hyders to use blacksmith methods and wrought iron.

CHAPTER ROOM ceiling 8 March 1961 DRc/DE/209/III(b)
Asked Kentish Church Builders to estimate for war damage repair; as rest of ceiling in such a mess would seem not worthwhile including decoration in price.

CHAPTER ROOM 20 March 1961 DRc/Ac/32
Agreed additional shelving e. walls to match existing; Kentish Church Builders est. £85 accepted if use old wood.

CHANCEL 1 April 1961 DRc/DE/209/III(c)
Dean to Godfrey:..like to discuss theme for Chancel..overall plan..sadly lacks colour; one detail that worries me is that mass of

lions ramping along the walls..I should love to cover the lot with some beautiful hanging. In Crypt..combine provision quiet place at E. end and Chapel for Theological College..

SUFFRAGEN BISHOP'S CHAIR 17 April 1961 DRc/Ac/32
Dean reported that Mrs. Hurst had asked whether the Chapter would like to have a new Chair to match the new faldstool. Chapter not in favour.

ST. WILLIAM'S SHRINE 17 April 1961 DRc/Ac/32
Mr. Ayres suggested that pieces of Purbeck marble in Cloister originally formed part of St. William's shrine; decided be brought under cover until second opinion; (later housed in Crypt).

NAVE Choir stalls 17 April 1961 DRc/Ac/32
Agreed should not be replaced and such as did fit in should be kept against S.E. wall of crypt.

CLOCK 17 April 1961 DRc/Ac/32
Thwaites and Reed re-adjusted Westminster chimes; second visit before Cambridge chimes put right.

ARCHITECT role and fees 3 June 1961 DRc/DE/209/III(a)
Discussions re sharing work and pay between consultant and local architects. Correspondence to 21 October 1961.

WEST FRONT 19 June 1961 DRc/Ac/32
Appropriate treatment for W. door discussed; Kentish Church Builders be asked to have door wire brushed.

PRECINCT 29 July 1961 DRc/DE/209/III(a)
...account includes work on canopies etc. at old responds of Dorter undercroft in Deanery Yard.

HEATING 20 November 1961 DRc/Ac/32
Installation by Wansons completed.

CLOCK 20 November 1961 DRc/Ac/32
£92 agreed to put chiming apparatus in order.

1 9 6 2

CLOCK 22 January 1962 DRc/Ac/32
Maintenance fee by John Smith & Sons duly accepted £6.10s.

REPAIRS 19 February 1962 DRc/Ac/32
Urgent repairs - fund overdrawn due heating installation, although £3000 p.a. from Appeal Fund. Repairs by Mr. Baldwin equivalent two men working regularly. Items in Godfrey report 21.6.58, ie painting, roof, access doors, windows and rods in Tower put in hand.

BELL CHAMBER 19 February 1962 DRc/Ac/32
Mr. Baldwin to remove cement dust from bell chamber once a year as part of routine maintenance.

ORGAN 19 March 1962 DRc/Ac/32
Organ reported affected by new heating system making it too warm. Humidifiers not working. Decided to not use heater in Lady Chapel as tended to blow hot air directly at the organ.

CLOISTER GARTH 19 March 1962 DRc/Ac/32
Decided stonework be repaired by Kentish Church Builders under supervision Mr. Godfrey, and photographs taken so carving that had to be taken away could be replaced.

ORGAN 17 April 1962 DRc/Ac/32
Dr. Ashfield obtaining estimate for repair due to excessive heat; thermostat controlling heater in old King's School vestry might be moved up into organ loft from present position by s. door.
30 April 1962 Drc/Ac/32
Thermostat re-location deferred; agreed heater cut out for time being leaving heater in Crypt as a master heater.

HEATING 21 April 1962 DRc/De/209/IV/(a)
Total bill to Kent Church Builders for installation: £5,749

TOWER tie rods Godfrey to Dean 23 June 1962 DRc/DE/209/IV(b)
Before I took over in 1952 Dove Bros. had been doing stonework in Cathedral. Found Webbs however to be conscientious builder..now to be no local choice, should be happy return Doves..know them well, prefer Norman & Burt of Burgess Hill. Heard work placed with Kentish Church Builders...

PRECINCT lighting 25 June 1962 DRc/Ac/32
City wishes to replace gas lamps with electric. Mr. Godfrey suggested conversion.

PRECINCT Garth walls 25 June 1962 DRc/DE/209/IV(b)
Kentish Church Builders start work.

TOWER 25 June 1962 DRc/Ac/32
Estimates for stonework repair agreed be obtained.

TOWER tie rods 31 August 1962 DRc/209/IV(h)
Structural engineer's notes on construction sequence below ringing chamber and all correspondence. Also all correspondence on costings.

SHEPPEY TOMB 17 September 1962 DRc/Ac/32
Letter received from a Mr. Nightingale giving reference at Public Records Office of a letter from Dean Stevens about tomb. Referred Canon Pentreath.

NAVE altar 29 October 1962 DRc/Ac/32
Moved onto steps as experiment. Architect prepared sketch plans for more permanent arrangement.

TOWER 29 October 1962 DRc/Ac/32
Proposed shortly to take out iron tie rods and replace with non ferrous metal.

CLOISTER garth 29 October 1962 DRc/Ac/32
Cleaning started

FABRIC 31 December 1962 DRc/Ac/32
Responsibility for upkeep of Fabric discussed; Treasurer agreed to undertake day to day responsibility on understanding that this should not involve any major structural work apparent only to an architect.

TOWER Work deferred for time being. 31 December 1962 DRc/Ac/32

HEATING 31 December 1962 DRc/Ac/32
Turned off each night to save money

NAVE altar scheme deferred 31 December 1962 DRc/Ac/32

FIRE PRECAUTIONS 31 December 1962 DRc/Ac/32
Heaters in Vestries be replaced with infra red.

CRYPT Trinity chapel 31 December 1962 DRc/Ac/32
Agreed that providing architect could assure safety, brick piers under the altar should be removed.

1 9 6 3

CRYPT 8 January 1963 DRc/DE/209/IV
Proposal to architect from Principal, Theological College, questioning of removal of piers between columns to enlarge Trinity Chapel.
Reply from Architect that doubted proposal practical.28 Jan.1963

HEATING 21 January 1963 DRc/Ac/32
Result of experiments thermostats set at 53° switched off at nights.

CLOCK grant:installation electric winding 21 January 1963 DRc/Ac/32

FIRE PRECAUTIONS 21 January 1963 DRc/Ac/32
Carbon dioxide extinguishers to be obtained.

CRYPT Godfrey to Baldwin 12 February 1963 DRc/Emf/152
..been asked whether practicable remove supports of old high altar..as restrict room in crypt at Trinity Chapel..very controversial..like to go with you and get a mason to do investigation..

CRYPT Godfrey to Blanch 23 February 1963 DRc/DE/209/IV
...my reactions to Chapter's wish, that the piers in eastern arm of crypt, which are generally assumed to have given support to original high altar, should be removed..to provide more space and enhance ..Trinity Chapel. See no practical difficulty..seems columns, comlete with caps and bases intact within piers, probably ribs and vaulting too..every chance in mint condition..thinness of rubble casing on each side evidence of rebedding may mean been exposed before..have to budget for considerable repair and replacement of

stonework before embarking even though hope little work beyond demolition.. present modern high altar stands above pair of columns west of piers and next pair of columns within support vaulting and floor of sanctuary similar to that of all other columns of crypt. A solid vault supported floor can guard against wracking..piers could help..this however remote and piers constucted to carry point load which no longer exists, can be logically removed.

Has become rule of thumb in dealing with ancient buildings that original work be preserved, extends to alterations which of aesthetic or historical interest. Damage in past to churches in attempts restore to consistency with 'first build' sweeping away evidences of subsequent history. Should pause for deliberation. If Chapter do decide on move, first consult Cathedrals Advisory Committee. No doubt would add valuable advice towards final decision..Chapter should know whether Committee supports them.

Two piers in question constructed of rubble stonework with worked stone quoins, having small chamfer stopped at top and bottom, and stone string course level with and following shape of top roll of cap belonging to buried column in centre. Piers run on line of columns and extend two thirds of width of bay to east and west of columns within. Above string course pier is splayed back, but retaining its thickness, to crown of vaulting at centre of each bay. Some plaster remains on piers, in places part covering stonework. Retains traces of masoning, done in ½" single red line, with double line representing vertical joints. Some stones evidently re-used from earlier building, many have tooling characteristic of earlier date and unlike surviving examples on crypt stonework. Quoins of western ends have been largely replaced by brick makes one solution, of only demolishing eastern half of each pier, less worth following.

These two small structures, seem almost coeval with crypt itself, are interesting archaeologically for their material, shape, painted plaster and conjecture for raison d'etre. May be argued whether this interest could not be preserved by drawings and photographs of what is there, while great benefit obtained by Theological College in acquiring beautiful and spacious chapel for use in place of one cramped and obstructed.

..if Prior and monks wished to alter their church..would have had no hesitation in doing so. ..the piers in question form no part of original conception of crypt, one of most beautiful pieces of interior design in existence. Removal would restore to eastern arm its rythmn of alternate round and octagonal columns and reveal beauty as in remainder. Loath to interfere with early features at any time..to justify should be both compulsion of necessity and prospect of improvement aesthetically..seem to me both provisoes are fulfilled.

CRYPT 26 February 1963 DRc/DE/209/IV
Chapter quite clear would like piers removed..immeasurably enhance whole appearance of Crypt. Before decisions permanent scheme will need experience of worshipping in reconstructed Chapel.

CRYPT Godfrey to Chapter 27 February 1963 DRc/DE/209/IV
Photos and measured drawings for Cathedral Advisory Committee - their views to be obtained prior to demolition.

CRYPT 7 March 1963 DRc/DE/209/IV
Note by Godfrey that original plaster runs through above walling.

PRECINCT 18 March 1963 DRc/DE/209/IV(b)
Clerk to Godfrey: Chapter concerned at amount of stone come away since washing ..your opinion..Godrey to Dean: harm to Garth walls during severe frosts did not result from washing; having experienced long ago a serious fire, stonework friable and more vulnerable to frost. Example of detached piece in west wall of Chapter House showed damage likely to occur in unwashed as in washed section. However suggest more valuable be taken indoors. Work on Chapter House wall to start May.

NAVE 18 March 1963 DRc/Ac/32
Choir stalls for disposal at Brasted to be inspected for suitability at Cathedral.

NAVE ALTAR scheme 18 March 1963 DRc/Ac/32
Donations received: account opened

CRYPT 5 April 1963 DRc/DE/209/IV
Cathedrals Advisory Committee only requires careful scrutiny of masonry fragments for clues of date of Piers.

11 April 1963 DRc/Emf/152
K.C.B...confirm arrangement begin taking down piers..

16 April 1963 DRc/DE/209/IV
Godfrey to Chapter Clerk: Kent Church Builders can demolish piers and 'I can be there for crucial stages'.

18 April, 1963 DRc/DE/209/IV
Godfrey: regarding demolition - not happy about simply banding fractured caps. Looking into, may be possible remove caps and repair properly if capable of it, or be renewed.

NAVE choir stalls 23 April 1963 DRc/Ac/32
Stalls from Brasted arrived.

CRYPT 23 April 1963 DRc/Ac/32
Architect be asked for estimate for repairing caps of Pillars after removal of Piers.

CRYPT Godfrey to Dean 24 April 1963 DRc/DE/209/IV
Five cracks in one cap, 4 in other which will divide into smaller;not prepared to recommend retention unless can examine their beds to see condition. Stone which gathers vaulting ribs above caps fortunately intact in both cases; again recommend Norman & Burt - experience of similar complicated operation and have Clipsham in stock.

Dean to Godfrey 29 April 1963 DRc/DE/209/IV
1) evident most caps been replaced, encouraging in that cannot be so

formidable an operation (2) of few original caps left most have cracks almost as serious (3) can we X-ray
Clearance now done; immensely improves whole appearance

2 May 1963 DRc/DE/209/IV/H

Structural engineer's views on practicality of use of Araldite for repair of caps. If actual stone in good heart repair by glue much better than banding in restoring original appearance. Araldite AY105 or AV123-B suitable. Further correspondence on alternatives, coring, cramping, banding. Calculaltions re loading.

7 May 1963 DRs/DE/209/IV

Godfrey meeting Mr. Rowland, M.A.P.E.L. and structural engineer, and Norman & Burt; cradle designed by Birch, structural engineer.

16 May 1963 DRc/Emf/152

R. Burch, structural engineer:..enclose drng. (photocopy) showing method proposed for supporting vaulting if proved necessary to extract the 2 capitals..

PRECINCT Cloister garth 9 May 1963 DRc/DE/209/IV(e)

Godfrey to Baldwin: interior of Chapter House not to be washed at this stage; removal only vegetation.

CRYPT 10 May 1963 DRc/Ac/32

If were to be more than £100 matter be reconsidered

CRYPT 15 May 1963 DRc/DE/209/IV/K

Norman & Burt to architect: drawings of cracks; more hair cracks found in cap. south column Monks Park stone, result from fire not load. Correspondence re cradling and work programme.

CRYPT 20 May 1963 DRc/DE/209/0

MAPEL: attempted radiography on sample pieces of stone; structure of stone obscured all cracks; consider waste of money to attempt radiograph pillar caps.

CRYPT 31 May 1963 DRc/DE/209/IV

Estimate £480 by Norman & Burt for removal of piers, reinstatement caps.

CRYPT Godfrye to Dean 7 June 1963 DRc/DE/20(/IV

Consider too many cracks in caps for banding; loose piece stone removed showed evidence of fire damange, risky to band.

CRYPT Godfrey to C.A.C. 19/24 June 1963 DRc/DE/209/IV/F

Correspondence between Cathedrals Advisory Commitee and architect over replacement of the caps.; Godfrey informed them that more seriously fractured than had been apparent; serious penetration by fire damage: 2½" at only point exposed so far; not until taken out can decide on strength.

CRYPT Godfrey to Dean 24 June 1963 DRc/DE/209/IV

...want to retain original stone if can be done with safety; all equally taken with the fresh looking original stonework.

CRYPT 27 June 1963 DRc/Ac/32
Chapter received Norman & Burt estimate: hoped could be reduced; agreed £280 towards cost.

CRYPT 10 August 1963 DRc/DE/209/IV/K
Norman & Burt timetable for demolition wall and repair of cracked caps. Returning them to Works for repair.

N.W. TRANSEPT Baldwin to Godfrey 13 Sept. 1963 DRc/DE/209/IV(e)
... about repairs to Purbeck stone cap in N. Nave Transept or broken arch stone in old Choir Vestry.

CRYPT stairs 13 Sept. 1963 DRc/DE/209/IV(e)
Chapter agreed Norman & Burt could do these repairs while in Crypt.

CRYPT. 16 September 1963 DRc/DE/209/IV/E
Transfer of weight to damaged cap. to be observed by architect

CRYPT 21 September 1963 DRc/DE/209/IV/K
To record where and what found; painted plaster north face, north pier near west end to be left until decision on method of removal. Recollect hessian stuck to face with soluble water paste, whole plastered surface then eased off onto piece soft board, consolidated and backed and hessian removed.

CRYPT 23 September 1963 DRc/Ac/32
Another cap. requires renewing, estimated £50-70.To approach Friends

CHAPTER ROOM 23 September 1963 DRc/Ac/32
Bill Kentish Church Builders. Cert. No.1. £300. Friends to pay.

N.W. TRANSEPT 25 September 1963 DRc/DE/209/IV(k)
Norman & Burt to make a Purbeck cap. grey green & brown, preferably to blue grey.

CRYPT 25 September 1963 DRc/DE/209/IV/K
Second column cap at our works, same condition as first; proceeding with same method of repair.

CRYPT 4 October 1963 DRc/DE/209/IV/K
Norman & Burt ordered remove plaster. Advice from Rouse: 'fine linen or butter muslin rather than hessian, cut and overlap for strength, use paperhangers paste'.

CRYPT 19 October 1963 DRc/DE/209/IV/H
Piers now freed; vault supported by concrete cores in caps; 6" cube test 7 days collapsed when load reached 120 tons. Next free column eastwards in N. row: cap in worse state than others. It is circular and core may have to be 1" less in diameter at base than others. Suspicion about quality monlithic pier itself; hollow to tap on one side for 2' from top; been very much fired long ago: ? coring. Correspondence replying to proposals.

CRYPT 21 October 1963 DRc/DE/209/IV/K
Crypt cap. crushing test results.

DEAN'S REPORT: CRYPT 21 October 1963 DRc/Ac/32
Decision had been taken during year to remove fourteenth century piers in crypt installed there to take weight of a heavy altar and reredos. Work almost completed; in addition to showing beauty of crypt more fully, also enabled larger services. Cost borne partly by former student Theological College and Friends.

PRECINCT cloisters 21 October 1963 DRc/Ac/32
Friends undertaken work cleaning much of stonework carried odut past year £3000.

TOWER 21 October 1963 DRc/Ac/32
Architect regarded as priority removal of iron ties: estimate £2000.

NAVE and Transepts 21 October 1963 DRc/Ac/32
Friends anxious to proceed with cleaning and repair interior when funds allow.

STONEWORK 21 October 1963 DRc/Ac/32
Architect considered much more essential cleaning and re-pointing rest of Cathedral; subject to Chapter's approval hoped to carry out work in stages.

CRYPT 3rd pier 28 October 1963 DRc/DE/209/IV/E
...builders scooped out the pier itself down to sound stone (only about 3½" down) and this too was concreted..need to strengthen up. Very satisfactory and pier and capital should look hardly different from former self when it is put back, with not even a joint (which I had agreed to) across it

PRECINCT lighting 4 November 1963 DRc/Ac/32
Approve proposals of Corporation with exceptions: existing bracket light at Deanery Gate be converted.
15 November 1963 DRc/DE/209/IV(e)
Lighting replacement with concrete standards. Conversion from gas to electricity. Correspondence, also see (g).

PRECINCT Garth walls 19 November 1963 DRc/DE/209/IV(e)
Completion cleaning and repair west wall old Chapter House. Kentish Church Builders account.

TOWER 2 December 1963 DRc/Ac/32
As result Architect's report Pilgrim Trust granted £3000 for repair of Tower. Instructed work put in hand immediately.

PRECINCT lighting 2 December 1963 DRc/Ac/32
Mr. Godfrey still felt existing lamp standards could be retained instead of concrete ones. Chapter felt unable to press its request in opposition to Corporation.

BILLS 2 December 1963 Drc/Ac/32
Kentish Church Builders: work in Crypt £28; ventilation flue; shoring up arch:£3.14s.11d; fixing beam in nave roof: 7s.11d.

CRYPT 31 December 1963 DRc/DE/209/IV/K
Account from Norman & Burt includes repairs to caps. nos. 1, 2, 3 and column; sawing Caen stone for arch; demolishing flint wall; pointing Bath stone cap; column 3 repaired in work shop.

1 9 6 3

SURVEY Godfrey September 1963 DRc/DE/20
Not repeat all observations made in report of 1952, will follow order so that it may be referred to, to indicate how much it contained carried out, and changes in emphasis desirable to make.

At that time impressed by well kept condition of Cathedral. Maintenance greatly assisted by the regular cleaning of clerestorey and triforium galleries and all accessible parts of the interior and by frequent attention to gutters and all places outside where lodgement of debris and seeding of vegetation were likely to happen. In an industrial neighbourhood such as Rochester it is important to keep up the fight against this grime and the ills which come in its train. For this reason I shall be reiterating my wish to see the whole of the exterior of the building washed in due course. But anything else which can be done, in spite of staff difficulties, to keep the standard of general maintenance up will be of great benefit to the fabric.

ROOFS generally Godfrey survey September 1963 DRc/DE?20
. .good deal of work has been done to the roofs in the past ten years. Faulty leadwork of the eastern crossing and in the Presbytery gutter, which led to the need for the expensive structural work of combating two attacks of dry rot, have been put right. Except for a few instances mentioned in this report, the slating is now in much better order and the leadwork, particularly on the two choir aisles, has had considerable repair work done to it. It will be seen that the recommendations have now been reduced to a quite minor list.

The dry rot has all the appearance of being extinct, but it must be remembered that it is a disease from which the roofs suffered severely over a century ago and any renewal of leaks in the covering can quickly lead to its recrudescence. The death watch beetle attacks in the two choir aisle roofs appear also to have been scotched.

Several of the access doors to the roofs have been renewed or repaired and there remains but one now which still remains to be renewed.

SPIRE Godfrey survey September 1963 DRc/DE/20
..risk was taken of reinforcing the inadequate and unorthodox method of clipping through the leadwork which had fairly recently been adopted, rather than to strip and re-cover the spire when it was found to be failing. As far as can be seen the wisdom of this

economy has been borne out and lead sheeting appears not moved further now that additional clips have been fixed.

RAINWATER PIPES etc. Godfrey survey September 1963 DRc/DE/20
..policy .. of substituting lead for iron, not gone far, because the old iron pipes were not to be scrapped or 'cannibalised' until such time as they became unserviceable themselves.

STRUCTURAL MOVEMENT Godfrey survey September 1963 DRc/DE/20
Evidences of movement in structure which listed before still there but, so far, not aggravated, will need to remain under observation

CLERESTORY ARCADES Godfrey survey September 1963 DRc/DE/20
Noted all corbels, forming caps of shafts of arcades, which have cracked. Almost inevitable result of this form of construction these cracks should occur, they have developed even in Scott's modern work in the east clerestorey of the Presbytery. In the late 13th and early 14th century, the medieval builders appear to have abandoned the system, as in the main Transept here. Although a good half of the thickness of the wall was omitted to create these walks and delightful arcades, the resultant weakness, in the case of the vaulted parts of the building, was reduced by the gathering of the thrust of the vault to the points of greatest strength in the walls. Nearly all the fractures are of very long standing, but drawn attention in this report to places where some precautions ought to be taken.

TOWER Godfrey survey September 1963 DRc/DE/20
In dealing with incipient defects in the Tower stonework, had not in 1952 arrived at the solution of problem. It has been a relief subsequently to pin the cause down to simple rusting of buried iron anchors of tie rods, as already reported more fully to you. It will be an expensive operation to extract these before more damage is done.

NAVE Godfrey survey September 1963 DRc/DE/20
Crack at W. end of Nave remains as it was...hope a re-decoration which would greatly enhance interior will provide for observation a ready tell tale of further movement in structure or development of leaks if occur.

W. WINDOW Godfrey survey September 1963 DRc/DE/20
.. stone lintols were cracked at access on each side of sill gallery. .. not therefore acting in capacity of a tie, but neither is there a continuing crack in the masonry above them, which seems to have adequately arched itself across.

EXTERNAL WALLS & stonework Godfrey survey September 1963 DRc/DE/20
Remarks about general structural state of walls remains.. important to keep outer facing sound, when core may well be only rubble, and important particularly to keep wall of the N. Aisle of Nave under observation.. arranged at this inspection to have permanent points marked for regular plumb readings taken, is very far from vertical.

Work previously recommended to external walls under three headings by no means alldone, is now listed, under the one head of external walling and stonework.

Keen that unsightly and harmful strap pointing be abolished - have since added the generally accepted and beneficial operation of washing the stonework. Already been carried out with great success on W. face of Cathedral, where beauty of carving of great W. door can now be appreciated. It is right way to give longer life to any walls of limestone which are exposed to an atmosphere liable to industrial pollution. Where before I had simply recommended a programme of annual expenditure on pointing work, now strongly recommend this be coupled with washing of whole face which is being tackled. That way all minor repairs and pointing (and even painting) can be picked up as work proceeds and each section when dealt with should thus be left in an overhauled and clean condition, with its injurious chemical begriming removed. From the point of view of apearance would also strongly recommend systematic progress feature by feature, rather than choice of sections spread apart, which might otherwise have commended themselves on grounds of relative urgency. Some pointing and repairs have had to be put into a higher priority, but after thatam hopeful that you will start from the E. end and work round the N. side and return along the S. If, however, funds become available for the interior of the Nave to be refurbished, it could be that, for fear of the water of washing penetrating and damaging a newly decorated surface, the N. Aisles and Transepts should be dealt with first. In that way however it would be reversing two priorities twice - ie the tackling of interior work before structural exterior necessities and putting the less urgent needs of external repair before the more urgent ones.

A large expenditure on this aspect of the work is proposed, but it was never meant as a single operation. To embark on £1500 to £2000 worth of pointing work per year was not considered an out of the way suggestion. This could be varied from year to year according to the size of the features chosen,.. it is important that washing should stop at some marked line, (as you have done with the W. front) in order that the architecture can show itself without distracting changes in colour across it.

Of stonework repairs previously recommended, only major work done so far is repair of Lady Chapel windows and overhaul of the W. front and its turrets.

PRECINCT Godfrey survey September 1963 DRc/DE/20
At that time also recommended remains of the monastic buildings should have attention. It has been possible with the of the Friends of the Cathedral to put washing and repair of Garth walls in hand funds covered half the work, remainder postponed.

Important act of preservation and has continued policy of improving Garth, which was started before the war with demolition of buildings which encroached on it and is complementary to wider plan of improving the Precinct.

E. END interior Godfrey survey September 1963 DRc/DE/20
Help of the Friends too that cleaning and redecoration of vaulting of eastern arm made possible, work from structural point of view was of very low priority.

CRYPT Godfrey survey September 1963 DRc/DE/20
Previous report did not deal with crypt stonework, dealt with fully here. Mr. Clive Rouse reported on the vault paintings. Promised you would consult him again, before the remainder of the vaulting was limewashed. Certain areas were left on his advice (see his report 7 Feb. 1954), and it had been a proposal that the Central Council's wall paintings committee should take a hand. Mr. Rouse now strongly urges in his reply that Dr. and Mrs. Baker (who have sufficient organisation and experience to tackle such a job, should it develop into one) should be consulted to make a report on whether they think the paintings can be saved, are worth saving and how much it would cost. Except for a consultation fee, there would be no obligation to embark on any expenditure for their restoration, but you would obtain the benefit of a factual report to consult in making your decision.

REPAIRS UNDERTAKEN Godfrey survey September 1963 DRc/DE/20
Apart from essential structural work and repair, of over £15,000, the Dean and Chapter have also put in hand other work, less essential in some ways but most important for the life of the Cathedral and to its atmosphere in all meanings of the word. These were the new heating system, the redecoration of the Choir vaulting, overhaul of the organ and the hanging of the bells in a new frame, and they amounted to a total expenditure of nearly £30,0000, not including the work to the organ of which I do not know the cost.

REPAIRS RECOMMENDED Godfrey survey September 1963 DRc/DE/20
Schedule which follows gives in detail repairs which I recommend. Have listed each item according to priority which recommend. Their meaning is as follows:

Priority	I	To be done now
	II	To be done during this five year period
	III	Programme to be commenced during 5 year period
	IV	Items which may be posponed or kept under observation

This is a report on structural needs, and though carried out inspection to best of my ability in three days, cannot be absolutely certain that no rot, beetle attack or other defect has not escaped me. Have omitted from list hope that a donor will be found to restore the high roofs of the Choir and Presbytery, and the N.E. Transept. It does not belong here, because it is not a structural necessity, but your predecessors encouragingly left the gables up (now deteriorating in the weather) ready to take these roofs and if some £20,000 could by some means be found and devoted to such a work, then the Cathedral would be seen to have thrown off her Cinderella's cloak.

WINDOWS generally Godfrey survey September 1963 DRc/DE/20
Where rusting saddle bars are damaging stonework of the windows, recommend their extraction and welding on of bronze tips before inserted again. Many windows almost inaccessible on a large building. Saddle bars consequently rust for want of paint (and even if they are properly painted, they still rust at the vulnerable and wounding point). During programme of pointing and repair would be desirable at each stage to do this tipping with bronze.

APPENDIX
Schedule of defects recorded and recommendations made:
Selected items recorded here:

FIRST PRIORITY
Interior walls and stonework

NAVE S. arcade Godfrey survey Sept. 1963 DRc/DE/20
At the pier between the two easternmost (14C) arches, the cap (which carries no weight) of the northernmost shaft is split right across and, if not cramped, could fall, though the stone below is cramped and its mortar may hold it. Investigate and fit cramp if necessary.

SECOND PRIORITY

PRESBYTERY roof Godfrey survey Sept. 1963 DRc/DE/20
N.W. turret - renew door. stonework.

All through eastern arm slight incidence of furniture beetle attack, too slight to warrant a general treatment. Appears to be confined to sapwood or wood that has been exposed to damp at some time. Worst examples should be treated, eg Presbytery (a) N. side easternmost lower purlin, (b) the third free truss from the E. end.

S. CHOIR AISLE roof internally Godfrey survey Sept. 1963 DRc/DE/20
This interesting roof has been treated against beetle and strenthened with straps. The effectiveness of strapping up the main beam, strutted from the central buttress of the Choir wall, should be examined. When repair work is carried out to central buttress of the S. Clerestory of the Choir, two sheets of lead over this beam should be lifted and examination made.

N.W. TRANSEPT roof internally Godfrey survey Sept. 1963 DRc/DE/20
Considerable death watch beetle activity in small additional piece of inner plate standing on N. gable offset, east side; also a little in outer (non structural) plate on this side, towards the southern end. Otherwise the roof timbers seem to be clear.

TOWER external walling Godfrey survey Sept. 1963 DRc/DE/20
Buried iron plates which clasp the angles of the Tower at two levels are rusting and gradually destroying stonework at these points. Extract iron plates and substitute delta metal for buried sections. Stonework in need of washing particularly on E. side. (Washing not included in ironwork removal operation).

CHAPTER ROOM external walling Godfrey survey Sept. 1963 DRc/DE/20S.
wall has many hollow places in the jointing of its rubble wall. Rake out deeply, fill all holes and point.

GUNDULPH'S TOWER external Godfrey survey Sept. 1963 DRc/DE/20
Most of walling recently pointed some ten years ago. S.E. angle appears to have been left. Vegetation is taking root though it does not apper yet to have damaged the weatherings. Remove vegetation and fill holes and point open joints. There is deterioration in some of the quoin stones and the walling adjoining them.
N.E. angle, E. buttress - some stones need renewing. Nine stones to renew, wash down walling and make good bond. Consolidate rubble walling under the bottom weathering particularly in the re-entrant at the angle.
N.E. angle, N. buttress: On E. angle more of these quoins can probably be saved if washed and properly bonded with the walling. Allow for renewal of 3 stones at the bottom and of 5 above the weathering.
On W. angle of this N. buttress, some renewal and consolidation required. Wash, fill holes and bond in on N. face of buttress and on W. angle allow for 3 new stones at the bottom and 3 at the top of the bottom stage and 2 in the stage above the weathering.

N.E. TRANSEPT N.E.turret walls Godfrey survey Sept. 1963 DRc/DE/20
Open joints and considerable deterioration which will be included in the main work under 3rd Priority. But certain accessible joints in the weathering over the access door could be filled now. Fill the open joints where easily accessible in advance of main work.

TREASURY gable, apex Godfrey survey Sept. 1963 DRc/DE/20
Apex stone of the gable is cracked across and the base of what remains of cross is disintegrating. Remove these stones and re-set (renew if impracticable)

Interior stonework and walling

S.E. TRANSEPT - W. arcade Godfrey survey Sept. 1963 DRc/DE/20
a) first free shaft at northern end is split in its length and needs banding. Band shaft.
(b) Shaft against the northern angle is split at the base (both (a) and (b) are splits of long standing). Band shaft.

PRESBYTERY - S. arcade Godfrey survey Sept. 1963 DRc/DE/20
At its W. end (as on N. side) the arcade carries solid walling. The corbels have bad cracks (of long standing) and could with advantage be propped. Prop corbels.

N.E. TRANSEPT Godfrey survey Sept. 1963 DRc/DE/20
Centre bay of N. walk. A distorted long shaft (due to broken corbel over) is held back by an iron tie, no doubt to restrain it in the position it developed and not to right it. Fixing should be examined for soundness.

EXTERNAL WALLING Godfrey survey Sept. 1963 DRc/DE/20

...typically early 13th century semi-coursed rubble walling. The last has been very hard pointed in an ugly manner, some of which may be capable of hammer dressing and retention, unless colour of it after washing does not allow. It would bring about transformation in appearance of the Cathedral if could regain its intrinsic beauty.

The conditions of Nave, Aisles and Lady Chapel are somewhat different, as they have larger ragstone (and other rubble) walling with flint galletting to the joints, now becoming loose. Some very much eroded stones need renewal and opportunity should be taken of removing unsightly darkness of joints against the light stone, which is effect that the flint galletting gives.

A list of the areas of walling follows, with notes where needed in addition to the general remarks just made:

Old Sacristy wall, which adjoins the N.E. Turret; 14th century blocked window is heavily eroded, but whole wall would benefit by washing and pointing.
The flying buttress has a much eroded outer order on both sides. The inner order also deeply eroded at the upper end. Ensure that stonework is well backed up by its jointing, which should stand in no way proud of it.

NAVE N. Aisle wall Godfrey survey Sept. 1963 DRc/DE/20

This wall has not become apreciably worse. It has the constant risk attached to a wall which leans considerably. The surface is very irregular, denoting weaknesses from the past. There is heavy erosion of many of stones, the worst of which should be selected for renewal. The joints are galletted with flint and they would be greatly improved by its removal. Wash and repair

NAVE N. Aisle windows Godfrey survey Sept. 1963 DRc/DE/20

The weathermoulds of the windows, as previously reported, are very much eroded, and should be renewed now or later.

WEST FRONT Godfrey survey Sept. 1963 DRc/DE/20

In very good order after being washed. Slight flaking continues. Dust already lodging on projections; will be decided whether it requires quick new wash when schedule of washing is being carried through and reaches it, or whether should await its turn after schedule is completed.

NAVE S. Clerestory Godfrey survey Sept. 1963 DRc/DE/20

Is similar, but in slightly worse condition than N. Clerestory. Much patched with tiles and stones continue to spall. In fair order if loose stuff taken off.

NAVE S. Aisle Godfrey survey Sept. 1963 DRc/DE/20

Flint galletted rubble stone wall. Would benefit visually by removal of galletting, good deal of which already loose. Number of deeply eroded stones. The jamb stones (at base) of window previously reported as defective, still remain to be repaired.

LADY CHAPEL Godfrey survey Sept. 1963 DRc/DE/20
Windows have been repaired. Its stonework is similar to that of the adjoining Aisle. The flints are working loose from the joints in the same way.

S.W. TRANSEPT Clerestory Godfrey survey Sept. 1963 DRc/DE/20
Ashlar parapet and random stonework below with unsightly strap pointing, good deal of which is coming off. Accelerate removal of pointing.

S.W. TRANSEPT S. face Godfrey survey Sept. 1963 DRc/DE/20
Capitals of some of shafts on S.E. pinnacle are flaking badly. S.W. turret is similar but kept in a better washed condition by rain.

Stonework on this side of Cathedral has better opportunity of survival due to better washing by rain than is received by N. and E. Risks of penetration are greater and some ofdeterioration of stonework of this Transept at Clerestory level may be due to penetration. Desirable therefore that the scheme of washing and repair should extend to this side of the building also.

S.W. TRANSEPT E. face Godfrey survey Sept. 1963 DRc/DE/20
Clerestory rubble work has strap pointing, unsightly but generally in fair order.

A complete stone, by coming out from the wall adjacent to the east of the central buttress reveals a putlog hole going right into the wall. This needs filling. The buttress will be overhauled, along with the wall, and it needs particular care in view of the long standing crack which shows on it in the S. Choir Aisle and the wall painting which it carries. (the western angle contains some looseness against the quoins within the roof space.

S.E. TRANSEPT W. clerestory wallGodfrey survey Sept. 1963 DRc/DE?")
Ashlar stonework: in good order. Spalled stone at low level due to disused stovepipe not being entirely extracted. This might be done now and so remove it from view from within the Transept.

S.E. TRANSEPT S. face Godfrey survey Sept. 1963 DRc/DE/20
Ashlar apparently in good order when viewed from above. Easternmost window split in 14 places where ends of internal saddle bars are rusting. Centre window split similarly in about 3 places (both seen from inside). Great tie rods which go through the Indulgence Room are evidently splitting the stone at their entry to the S. wall. Examine and repair and renew anchors - if necessary all tie rods of S. wall.

PRESBYTERY S. wall Godfrey survey Sept. 1963 DRc/DE/20
.. It possesses some very beautiful rubble walling (not strap pointed, presumably because seldom seen).

NAVE and AISLES interior walls Godfrey survey Sept. 1963 DRc/DE/20
Long been desirable to redecorate Nave. Plaster found to be fairly generally hollow... considered that it will be capable of repair and redecoration as it is.

NAVE N. Aisle Godfrey survey Sept. 1963 DRc/GA
Most of plastering at base of N. Aisle wall and towards roof plate has deteriorated.

NAVE Triforium arcade Godfrey survey Sept. 1963 DRc/DE/20
Great deal of deteriorated plaster around the Aisle sides of the Nave Triforium arcades. Can probably be taken off and the repaired plaster be finished against the stonework, though in Norman times it would have coated the stone thinly here. There is a good deal of erosion and flaking in the stonework too (locally) of the arcades, eg at the E. end on the N. side. The plaster is cracked on the soffite of most of the arches of the Triforium, but is generally fairly firm.

At the westernmost arch of the S. Triforium against the Turret there is some slight spreading because the bonding of stones to the walling is not sufficient. Straps in the rest of the arcade are witholding this very normal occurrence with Norman work. Fit straps to this western respond, as for other arches.

NAVE S. arcade Godfrey survey Sept. 1963 DRc/DE/20
3rd arch from W. end: above the main arch there is a slight opening of joints working from the centre of the extrados of the arch down through the spandrel towards the plain engaged shaft above the W. pier. Not thought to be developing. Should be knife filled at time of redecoration so development can be detected.
6th arch from W. end: there are signs of a slight old movement here (similar to that of 3rd arch). The base if the northern central shaft of the Triforium arch is very much made up, but appears solid.

NAVE N. arcade Godfrey survey Sept. 1963 DRc/DE/20
6th arch from W. end: apex stone of eastern Triforium arch has slipped a little. Consolidate apex stone
2nd, 3rd and 5th Triforium arches of arcade were not inspected but appeared through binoculars to be similar.

S.W. TRANSEPT Godfrey survey Sept. 1963 DRc/DE/20
Redecoration: cleaning down of stonework gently and generally, but not suggested that washing by water jet (the best way) can be afforded. Before redecoration is undertaken, stonework of the windows and shafts should be repaired.

S.W. TRANSEPT S. wall Godfrey survey Sept. 1963 DRc/DE/20
Clerestory level: considerable erosion and some stones sound hollow and likely to need replacement. Eroded surfaces of caps etc. must be cleaned down and true nature of stone be established.

CRYPT Godfrey survey Sept. 1963 DRc/DE/20
Main cases of weakness being tackled now. Conditions and cracks which exist elsewhere are recorded as follows and it would be advisable to complete remedial action in the not too distant future.

CRYPT W. end (older section) Godfrey survey Sept. 1963 DRc/DE/20
Two bays occupied by organ blower. The rough stones comprising the cap of the northern respond are loose. Consolidate whole

CRYPT main transept Godfrey survey Sept. 1963 DRc/DE/20
Responds on W. wall, numbering from S. (including those in the angles):
No. 2 2 vertical cracks in cap. Observe
No. 3 2 vertical cracks in cap Observe
Vaulting rib junctions in compartment E. of Nos. 3 & 4 are open. Point up joints
Main arch to blower chamber (between No.6 & 7) Voussoir joints open. Point up joints
No. 7 Crack in shaft Observe

CRYPT western line free columns Godfrey survey Sept. 1963 DRc/DE/20
No. 2 Column 1" out of plumb. Cap has a crack on the E. and on the W. side and a crack (with tell tale) on the N. side. The tell tale is cement and there are cracks in it (appearing however to be sinkage cracks). Strut, core and refix as with work now in hand on eastern columns.

A large spall is off the western vault rib above it. Renew stone
No. 7 (a granite column, with an old base and modern cap). SW diagonal rib above has an open joint. Point joint in vault rib
No. 8 (N.respond). Cap of main shaft is twice cracked, but spalling has aparently ceased. Observe

On line of dividing wall between Transept and eastern Chapels: In southern compartment (under Chapel) has much eroded stonework. At centre E. respond of this compartment there is a crack through the cap (which is a jointed one in two pieces) and part of the diagonal rib at the cap is missing. The gathering stone is in one stone, so this can be pieced. Insert new stone.
There is a cracked ribstone and part of another stone missing and a crack through the other cap, where a tell tale is holding. Repair rib. Observe cap.

At the respond N. of the Chapel altar there is a good deal of unsettlement, though one tell tale is intact and the other only slightly cracked across. Being a respond, though much cracked, the thrusts as in other cases are likely to be transferred to the walling. Observe

At E. side of pier under angle of Presbytery and SE Transept both nook shafts are missing and there is a vertical crack on the S. angle. Tell tale across the bottom of this crack is intact. Observe

Two centre piers: certain number of vertical joints are open

Cap of E. engaged respond of N. pier is split once. Tell tale intact. Observe

Arch between this pier and pier beneath the junction of NE Transept & Presbytery has an open joint at apex on W. side and in joint at E. side (about 1"). Tell tale on E. side holding. Observe

Shaft in S. respond of S. arch under Chapel is split. Movement appears to have ceased. Observe

In N. arch, tell tales in W. and E. order are intact Observe

On line of columns at W. end of Presbytery - N. respond cap severely cracked and in the diagonal rib above it eastwards. Tell tale on shaft not broken. Inner parts now evidently taking thrust Observe

On 2nd line of columns from W - southern column cap cracked on N. side & has start of a crack on S. side Take out and core

Next two lines of columns are being dealt with.

Rest of this compartment in fair order, though stone is eroding and vaulting has been left undecorated. Repair and decorate vaulting after report on wall paintings (including sections left in rest of Crypt)

EAST END staircase turrets Godfrey survey Sept. 1963 DRc/DE/20
Turrets at E. end of Presbytery have not been cleaned down yet. Though dangerous to ascend in present state, would be less so after a good clean down and they can then be examined. Clean down stair

N.E. TRANSEPT north west turret Godfrey survey Sept. 1963 DRc/DE/20
This is main access to roof and ringing chamber. Considerable cracks in its walls. Advisable point up cracks deeply and observe whether further movement

N.E. TRANSEPT north east turret Godfrey survey Sept. 1963 DRc/DE/20
Also contains cracks (quite normal in turrets) Point up cracks

1 9 6 4

EXTERNAL WALLS 27 January 1964 DRc/Ac/32
Architect to be asked how much would be saved if exterior of Cathedral not to be washed when pointing and repairs carried out.

NAVE 27 January 1964 DRc/Ac/32
Friends wished to clean and whitewash interior; agreed if could not meet all, be granted a loan out of Appeal Fund not to exceed £1000.

GUNDULPH TOWER heating 27 January 1964 DRc/Ac/32
Estimate for new boiler and radiators considered; decision deferred. Temporary measure might be possible installation electric heater with long lead for rest of winter.

CLOCK 27 January 1964 DRc/Ac/32
Maintenance estimate by Synchronome Co.. accepted £18 p.a.

FURNISHING 24 February 1964 DRc/Ac/32
Any surplus furnishings should be made available to Canon Chisonga in Tanganyika.

GUNDULPH TOWER heating 24 February 1964 DRc/Ac/32
Decided solid fuel boiler thermostatically controlled to commence immediately.

BISHOP'S VISITATION 28 February 1964
75 years since last visitation.

TOWER 23 March 1964 DRc/Ac/32
Agreed Kentish Church Builders undertake work.

VESTRIES 23 March 1964 DRc/Ac/32
6' heating tubes from St. Nicholas' fixed in lay clerks and canons vestries.

TOWER Appointment of builder 24 March 1964 DRc/209/IV(t)
Kentish Church Builders instructed to undertake work; acceptance, terms.

23 May 1964 DRc/DE/209/IV(e)
Minimum stone to be used in replacement; takes time to become grey from yellow; not been able identify what stone used for refacing tower, looks one of Cotswolds not now quarried; seems to have surrisingly good weathering qualities. Nearest match Clipsham, eventually goes rather dull grey.

27 May 1964 DRc/DE/209/IV(e)
Wilks, Gravesend stonemasons, say tower stone is Clipsham and from colour and texture of an exposed stone. They may be right. They have in stock.

NAVE cleaning 19 June 1964 DRc/DE/209/IV(m)
Specification, cleaning, etc.

TOWER 24 June 1964 DRc/DE/209/IV(e)
Remember stonework NE corner cut away some time ago to allow installation fire hydrant; causing difficulty with bronze work; just enough room to get two bronze channels in, bolt together at corner, but unless remove and refix hydrant elsewhere not be possible build jointed corner of two pieces of bronze. Metal would project beyond stonework covered by hydrant casing. Let me know whether remove hydrant and build up corner stonework or rely on hydrant covering to protect metal.

NAVE and NAVE AISLES 4 July 1964 DRc/DE/209/IV(c)
Tender from G.E. Wallis & Sons Ltd. for Specification 19 June (missing) £2975. Clean, re-decoration, repair. Accepted.

NAVE ceiling 20 July 1964 DRc/Ac/32
Shields on bosses should be repainted as at present.

TREASURY 24 July 1964 DRc/DE/209/IV(e)
Agreed by Chapter to use as Lapidarium; Plan: 1½"-1"

NAVE arcade Godfrey to Wallis 8 August 1964 DRc/DE/209/IV(c)
Confirm instructions N. facet of W. pier of S. arcase not to be washed (water to be kept off it) until method ofpreserving remains of painting of St. Christopher.

NAVE blazons 8 August 1964 DRc/DE/209/IV(t)
Instructions painting shields. List of shields, etc.

N.W. TRANSEPT 21 September 1964 DRc/DE/209/IV(e)
Baldwin to Godfrey: Dean wants to know when purbeck cap. would be fixed; he wishes prop to be removed.

ARCHITECT 28 September 1964 DRc/Ac/32
Decide at next meeting whether should consider bringing to an end appointment of Mr. Godfrey.

ROOFS maintenance 28 September 1964 DRc/Ac/32
Mr. Baldwin to clear gutters and down pipes each year in November.

PRECINCT iron railings 26 October 1964 DRc/Ac/32
Next meeting to consider removal of iron gate and scraper at s. door and railings at N.W. door.

ARCHITECT 26 October 1964 DRc/Ac/32
Decided to place on record appointment of Mr. Godfrey as Cathedral architect refers solely to Cathedral building and laid no obligation on Chapter to employ him or his firm on any other work on property belonging to Dean and Chapter.

NAVE 26 October 1964 DRc/Ac/32
Cleaned during summer; shield bosses repainted: revealed one side ecclesiastical emblems and other side civil emblems.

TOWER 26 October 1964 DRc/Ac/32
Iron tie rods, inserted about 150 years ago, which had started to rust, had been cut out and replaced with non ferrous ties. Pilgrim Trust donated £3000.

PRECINCT iron railings 23 November 1964 DRc/Ac/32
Advice to be sought from Cathedrals Advisory Committee before any decision for removal.

1 9 6 5

GAS PIPES 11 January 1965 DRc/DE/209/V(m)
Invoice G.E. Wallis: removal obsolete gas pipes N. and S. Aisles.

N. AISLE roof and interior walls 11 January 1965 DRc/DE/209/V(m)
Repair N. Aisle roof timber; treat with Wykamol; cut out re plaster N. Aisle; hack off and replaster large areas.

CHANDELIERS 11 January 1965 DRc/DE/209/V(m)
Clean and apply gold leaf to 8 No. chandeliers.

WEST WINDOW 11 January 1965 DRc/DE/209/V(m)
Clean great west window and two small

PRECINCT iron railings 11 January 1965 DRc/Ac/32
Estimate for removal £50; not to proceed with N.W. and W. but budget for removal of those at S. door.

CRYPT Vestries 11 January 1965 DRc/Ac/32
Kentish Church Builders estimate received £390 for renewing floors of Crypt vestries and passage, with lino tiles. To consider.

PRECINCT railings 24 February 1965 DRc/Ac/32
Iron scraper be removed; railings at great W. door to remain.

ROOFS maintenance Schedule of work 13 May 1965 DRc/DE/209/V(g)

INSTRUCTIONS TO ARCHITECT 24 May 1965 DRc/Ac/32
Mr. Godfrey had been asked to deal with remainder of priorities 1 and 2 in last report.

REPAIRS PROGRAMME 27 September 1965 DRc/Ac/32
£2000 a year agreed be allowed for external repairs but as work on Gundulph Tower at present would exceed this, no further work for another year when start should be made on stonework at E. end.

NAVE altar 27 September 1965 DRc/Ac/32
Mr. Godfrey authorised prepare designs for moveable altar and when not in use to be used in Jesus Chapel.

CHAPTER ROOM S. wall 31 September 1965 DRc/DE/209/V(k)
Joints raked out, general condition better than anticipated. Mortar mix, same as used on Garth walls, but in new wide joints include some extra pea beech. Maximum addition cement to lime mortar at time of use 1:12. Joints will need deeper raking, pointing to be well back from face of stone to prevent joints from becoming too wide; where joints very wide, small pieces rag stone can be set horizontally. Replace chalk blocks with rag. Putlog holes blocked with stone squared to fit. Where flint repairs ring hollow renew in rag. Not wise to spray - faces be cleaned with bristle brush and plenty of water. Facing above string course generally in good order, leave except small unsound places found.

2 October 1965 DRc/DE/209/V(g)
Dean to Godfrey: ?good thing to wash little bit of wall at same time as pointing now being done..would water damage recently decorated inside?
Godfrey to Dean: Kentish Church Builders are not going to wash with continuous spray, will scrub dirty stones with plenty water now that they are nicely exposed for it; they are all rag or flint (except the chalk which is being replaced) and so will not come to harm from it. Wall in better condition than anticipated, but has presented

other problems - and when have a patch of pointing done to my instructions will look at again.

E.END Presbytery 31 September 1965 DRc/DE/209/V(k)
Repair to N. Triforium window mullions to commence
Gable: existing stone be dowelled instead of replaced

GUNDULPH TOWER 31 September 1965 DRc/DE/209/V(k)
New sandstone chisel-tooled roughly vertically to match existing.
Spray wash walls - confine to definite features.
16 November 1965 DRc/DE/209/V(k)
Four additional defective quoin stones selected fo removal; fifth to be considered. Washing: orders given are cancelled. Remove vegetation only.

CONDITION OF FABRIC 22 November 1965 DRc/Ac/32
Dean reported fabric on whole sound but practically whole of exterior required washing and re-pointing and repairs to stonework, particularly pinnacles. Estimate between £30-£50,000. Architect had re-assured need not be rushed and parts could be done annually.

CATHEDRAL PLATE 22 November 1965 DRc/Ac/32
Decided due to cost of insurance very valuable ancient plate not of ecclesiastical origin should be sold; views of Council for Care of Churches to be sought.

SURVEYOR 22 November 1965 DRc/Ac/32
Death of Mr. Baldwin announced.

NAVE altar 22 November 1965 DRc/Ac/32
Matter to be left for time being.

CATHEDRAL PLATE 20 December 1965 DRc/Ac/32
Decided two ancient Ciboria be disposed of.

CRYPT Invoice 31 December 1965 DRc/DE/209/V/Mc
Norman & Burt's detailed breakdown of work and materials for removing flint walls and repairing columns and capitals. £619. (certificate issued 31 May 1967!).

1 9 6 6

MEMORIALS 31 January 1966 DRc/Ac/32
Decided to place on record that Chapter did not intend to approve any further memorial tablets to be erected in the Cathedral.

CATHEDRAL PLATE 28 March 1966 DRc/Ac/32
Report of Cathedrals Advisory Committee recommended all ancient plate be retained but Goldsmiths Company might, if asked, bear cost of constructing a Treasury, or lend to V. & A.

EXTERNAL STONEWORK 23 May 1966 DRc/Ac/32
Architect be informed £2000 available for cleaning and pointing stonework.

S.W. TRANSEPT windows 25 May 1966 DRc/DE/209/V(g)
Clerk to Godfrey: two most N. lights will probably have to be renewed to match the four other lights, probably should have expert look before decision; will see repair of glazing forms part of this year's work.
15 June: visit by a committee Church Commissioners.
Builder's estimate £486. includes remaking the 3 W. windows of great S. Transept.
Godfrey to Clerk: postponement - may have been right decision financially; to be completed by mid autumn. Goddard & Gibbs inspecting windows at their site £406.

E.END 6 July 1966 DRc/DE/209/V(k)
Godfrey to Kentish Church Builders: please proceed with work to E. End Presbytery and the 2 angle turrets. £125

S.W. TRANSEPT windows 2 September 1966 DRc/DE/209/(PQ)
Goddard and Gibbs, Shoreditch: estimate: 3 no. 2 lights in W. wall: removing exising leaded glazing entirely; relead using 3/8" round lead cames reinforced with steel core; all sound antique glass cleaned and reused, all clear sheet glass to be discarded, matching antique substitutes: £486

S.W. TRANSEPT windows 5 September 1966 DRc/DE/209/V(g.k)
Kentish Church Builders: Estimate £486. Includes remaking of three west windows. Instructions on repairs to windows.

E.END and N.E. side 5 September 1966 DRc/DE/209/V(k)
Kentish Church Builders: instructions on cleaning and restoring stonework.

S.W. TRANSEPT windows Godfrey 15 October 1966 DRc/DE/209/V(g)
Work postponed: may have been right decision financially.

ST.JOHN BAPTIST CHAPEL 28 October 1966 DRc/DE/209/V(g)
Estimate for proposed alteration: take up tile paving, cut away existing wrought iron railings and stone cill and re-position in line at rear of two columns; construct new 9" thick brick wall beneath in stock bricks plastered on front, lime plaster filled behind with hardcore and 4" thick concrete; re assemble tile paving..to new raised floor level...between front new wall and back existing stone curb cut and lay York stone slabs. £300.

EXTERNAL STONEWORK E. END 28 November 1966 DRc/Ac/32
Dean reported cleaning and repair of stonework had started.

ST. JOHN BAPTIST CHAPEL 26 December 1966 DRc/DE/209/V(g)
Canon to Godfrey: Chapter decided recently to effect certain repairs, same time make more useable; ancient tiling in front of rails very bad condition, no doubt with assistance of stiletto heels of lady visitors..agreed tiles should be lifted..those in good repair to put down again..

EXTERNAL STONEWORK 23 January 1967 DRc/Ac/32
As next project Friends to be asked to fund cleaning and repair stonework on N. face; Chapter should undertake that on N.W. face.

ST. JOHN BAPTIST CHAPEL 11 February 1967 DRc/DE/209/V(g)
Godfrey to Canon: re proposals for repair of ancient tiled floor and increasing accommodation..in seventeenth century floor of Chapel raised, presumablyto give room for Warner family burials between it and vault of Crypt below; memorials now leave little room for aisle to be used as chapel; suggest reduction height of altar to display console brackets on monument. Proposal Chapter wishes to adopt is to lift mediaeval tiling and raise..if the sixteenth century rail and gate (moved to that position in 1681) were taken out and re-erected on Transept side of archway, there would be space for two or four chairs. Examples of these tiles are illustrated in colour plate IV St.John Hope, also drawing. Tiles piece of valuable evidence of original floor level and being still in place add intrinsic interest; nomal archaeological practice retain exact position; however enclose sketch if Church decide improved accommodation necessary.

ST.JOHN BAPTIST CHAPEL 16 February 1967 DRc/DE/209/V(g)
Canon to Godfrey:..definitely want to proceed with proposal, modified in accordance with last four paragraphs of your letter..feel question of tiles remaining at present level rather academic compared with bringing chapel into use bearing in mind another section of tiles in next alcove to north which remain to give eidence of original floor level.

EXTERNAL STONEWORK 2 March 1967 DRc/Ac/32
Friends agreed to clean and repair N. face.

S.W. TRANSEPT windows 5 April 1967 DRc/DE/209/V(g)
To be completed byt mid autumn.

CHAPTER ROOM doorway 5 April 1967 DRc/DE/209/V(k)
Crack in S. jamb stone, result of stress not from weight but vibration. Door at present wedges itself against the stonework and remains 5/8th inch short of rebate when shut. Attempts made to ease by shaving its striking edge, but has actually sunk away at ride of upper hinge; ride has withdrawn slightly: remedy there and not reducing size of door...will not repair by removing uneven pressure but first essential step. Might consider floor stop when done.

EARLY PAVEMENT C.A. Ralegh Radford 12 April 1967 DRc/DE/209/V
Steps under arches leading to chapel.. retain original paving. Must originally have extended over whole of chapel, but main part destroyed in 17th century when floor level of chapel itself raised to accommodate burials of Warner family.
This surviving original paving consists of small carpets of tiles divided by strips running e. and w. and formed of larger tiles. The carpets are formed of mosaics of small tiles fitted together in

geometrical patterns. The small tiles forming the mosaics were originally glazed black and yellow possibly with occasional use of red ground colour of the tiles to provide contrast. Traces of colour remain but appearance is much disguised by wear and probably dirt. Tiles also loose and suffering damage need urgently be reset. This form of polychrome floor decoration was in use only for a short period. Is very vulnerable to wear and usually replaced in later Middle Ages or after. In earlier 12th century polychrome effects on floor of a great church were obtained by use of contrasting stone, as for instance of white Chilmark and green Hurdcote in eastern extension of Cathedral of Old Sarum carried out by Bishop Roger(c.1120). Use of polychrome tiles arranged in geometrical patterns in small carpets was an attempt to imitate the polychrome marble pavements of Italian churches. Became normal in churches of Rome early 12th century. Best preserved example at Byland in Yorkshire where dates from last twenty years 12th century and formed original paving...Surviving examples at Rochester are original paving of this part of novum opus which was completed for use before 1214. A few fragments have been reformed and reset in S. transept of Rochester, but not in their original position and no guarantee that rearrangement follows original pattern. ....this form of tiling gradually displaced by ordinary slip tiles with figures and geometic patterns. Foreign workers in new methods recorded at Westminster 1237 on.
Most desirable these two stretches of pavement at Rochester be preserved in original position. Probably only example of this form of paving still in situ in a mediaeval church in use. Involve re-setting and best if done at same time for both patches. Arguable patch in front present entry to chapel be further protected by glass floor. Possible resetting and cleaning of tiles will bring out colour and glass would protect this.

CATHEDRALS ADVISORY COMMITTEE report 17 April 1967 DRc/DE/209/V
..very little thirteenth century paving remains intact and undisturbed in England - while tiling in St. John's chapel has lost its glaze and most of original applied colour, continues to reprodue scale and arrangement derived from even earlier mosaic pavements. Danger loose tiles being stolen or dangerous. Removal to higher level would associate them with seventeenth century mortuary arrangements inevitable also chairs would be placed on them.
Recommend tiles re-laid present position but free stone nosing to edge of raised floor be removed and new substituted at expense of removing the band half diamonds of black and white floor..proposed that sixteenth century ironwork, placed here 1681, be moved new position westward of tiled threshold; could be re-set here without risk of doing damage...Ministry of Public Building and Works technicians great experience re-laying early tiled floors; oportunity re-lay adjoining similar section in NE arch here probably further section concealed beneath monument to Bishop John Lowe, moved to this site by Gilbert Scott centre of S. arch of N. Choir Transept...not thought lowering black and white marble floor would be costly..gain to utility and appearance considerable..hoped over-large altar could be reduced in width as in fact interesting eighteenth century table could more appropriately be substituted.

Further suggestion..very damaged Purbeck marble slab taken up from floor in centre of transept by Scott and believed by St.John Hope to have formed part of table of shrine of St. William, is not happily placed..occupies space in Chapel which could be used. Monument here been moved many times..now Merton monument restored to original site suggest remains of St.William slab might be placed in recess to west of Merton where possible custodian of shrine formerly sat.

GUNDULPH TOWER 8 May 1967 DRc/DE/209/V(k)
Kentish Church Builders have started washing the buttress

ST. JOHN BAPTIST CHAPEL 22 May 1967 DRc/209/V(g)
Canon to Godfrey: please send estimate cost of repairing tiles (in both sections) including re setting iron railings for submission Pilgrim Trust; also cost of making step into Chapel and lowering upper platform black and white marble; also removing Purbeck marble slab behind to be part of shrine of St. William to a place in recess west of Bish W. de Merton on some decent simple supports.
Godfrey to Dean: seeing chief architet of Ancient Monuments branch of Ministry of Public Buildings and Work re cost of relaying.

NAVE Dean to Godfrey 23 May 1967 DRc/DE/209/V(g)
Decided to refurnish Nave; require dignified altar setting of semi-permanent nature; extend steps to provide large platform for altar but big enough for non liturgical occasion.

S.W. TRANSEPT 7 June 1967 DRc/DE/209/V(k)
Godfrey to Kentish Church Builders: Chapter Clerk's instructions to you to omit bronze tipping of saddle bars and confine to stanchion bars - which in these particular windows are easily accessible, but you must not omit tipping on any high work.

NAVE ALTAR PLATFORM 17 July 1967 DRc/Ac/32
Plans being prepared by Mr. Godfrey; if approved by Chapter to be submitted to Cathedrals Advisory Committee. Asked to make a mock up.

S.W. TRANSEPT windows 14 August 1967 DRc/DE/209/V(g)
Godfrey inspecting windows at Goddard & Gibbs' site.£406.
LADY CHAPEL windows 24 August 1967 DRc/DE/209/V(g)
Clerk: told Kentish Church Builders to tip saddle bars with bronze to bottom bars only where rust is apparent
Godfrey to Clerk: important not omit tipping as damage by rusting is structural; I will see builders.

NAVE altar scheme 21 September 1967 DRc/DE/209/V(0)
Estimate construction new steps and base for new altar £1750
Cost of cutting back a third of existing steps £700

ST.JOHN BAPTIST CHAPEL Estimate 22 September 1967 DRc/DE/209/V(k)
Kentish Church Builders £350.

NAVE altar scheme 27 September 1967 DRc/De/209/V(g)
Clerk to Godfrey: Chapter requires mock up as soon as possible

N.W. TRANSEPT walls cleaning 27 September 1967 DRc/DE/209/V(g)
Chapter would like you to go ahead cleaning west wall up to clear storey
Estimate 29 September 1967 DRc/DE/209/V(k)
W. wall up to Nave clerestory £116
W. wall up to N. Aisle £350. Proceed.

S.W. TRANSEPT windows 17 October 1967 DRc/DE/209/VI(b)
Repairs £935. Kentish Church Builders account.

N.W. TRANSEPT vaulting 2 November 1967 DRc/DE/209/V(k)
Small fall of chalk; point of impact not clear and exact position from where came not clear. Believe some of these ribs of vaulting are of stone and panels between are of chalk, has happened on a previous occasion. Important point of origin of fall be examine. Please arrange to examine, may need to rope area off.
Kentish Church Builders inspected through binoculars; no evidence of serious movement.

N.W. TRANSEPT walls cleaning 23 November 1967 DRc/DE/209/V(k)
Godfrey to Kentish Church Builders: press on, imminence of frost. The thin and unsightly Roman cement joints of the parapet and elsewhere even in the ashlar are softened by the washing. Replacement with a normal mortar joint, using a fine pointing tool would improve appearance even if not completed.

EXTERNAL STONEWORK 27 November 1967 DRc/Ac/32
Cleaning continued with N. Transept. Only £1200 a year available for cleaning.

NAVE ALTAR 27 November 1967 DRc/Ac/32
Semi permanent Nave altar on stone platform hoped wooden model could be in use by Christmas.

CHOIR 29 December 1967 DRc/DE/209/V(g)
Chapter Clerk to Godfrey: cracks in Quire vaulting - in particular 3 vault from E. end S. side Presbytery, seems to go right through.

1 9 6 8

ST. JOHN BAPTIST CHAPEL 16 January 1968 DRc/DE/209/VI(a)
Canon Grippe..agree..removing stone dais and relaying at level of rest of floor. Railings should be removed and fixed in new position probably removing front row of tiles which are not ancient as was suggested..suggest cover tiles with firm thin wooden flooring which could be polished and covered with carpet preserving tiles in situ.

N.W. TRANSEPT 16 January 1968 DRc/DE/209/VI(b)
Kentish Church Builders account: £319, 358 hours craftsmen; 3 tons 2 cwt. brick, mortar, sand.

ST. JOHN BAPTIST CHAPEL 24 January 1968 DRc/DE/209/VI(b)
Godfrey to builders: work is to commence on lowering the central platform. Take careful rubbing of existing paving stones, number

before lifting for exact replacement at lower level. Nosing of stone border will have to be cut back so border can fit. Platform on which memorial stands on e. wall will not be lowered. Mediaeval tiles to be well protected; railings to be removed carefully prior to re-erection in new position. Ascertain whether medieval tiling coninues under present floor of Chapel. Stone table of shrine to be removed and re-erected in western recess at n. end of lesser transept.

ST.JOHN BAPTIST CHAPEL 2 February 1968 DRc/DE/209/VI(a)
Phone call from Canon Gripper..found coffins, digging round them at present.

NAVE altar scheme 15 March 1968 DRc/DE/209/VI(x)
Cathedrals' Advisory Commission report

CHOIR N. face 16 March 1968 DRc/DE/209/VI(b)
K.C.B. proceed with washing and repair work. Tip ends or renew saddlebars in bronze. There will probably be no need to tip saddlebars of clerestory windows. As instructed you will chip away at each point of entry of bar to stone. You will confirm any broadening out is as manufactured and not due to rust. If in good condition, paint well and point in again. Damaged mullions of lower windows, ascertain whether due rusted internal saddlebars and tip or renew in bronze.

PRESBYTERY turret 27 March 1968 DRc/DE/209/VI(b)
Model for poppy head finial to turret of middle buttress pinnacle of Presbytery to be approved before done in stone.

ST. JOHN BAPTIST CHAPEL 22 April 1968 DRc/DE/209/VI(b)
Canon Gripper relays Chapter's instructions: carry out as quickly as possible setting in area of this chapel, filling in and restoring the floor to original level throughout, making step as arranged and putting the iron railings forward by the outer pillars.

PRESBYTERY N. face washing,repair 24 April 1968 DRc/DE/209/VI(b)

PRESBYTERY N. windows 4 May 1968 DRc/DE/209/VI(b)
K.C.B. dimensions to be taken to enable mullions where sections need renewal at level of springing line of tracery (oblique splitting). Confirm you are to contact Goddard & Gibbs for removal of panels of stained glass when needed for repair of stone work at base of tracery.

NAVE pulpitum steps 4 May 1968 DRc/DE/209/VI(d)
Seems more appropriate to repair old steps above parts of old steps to be covered below than to piece in new.

PRESBYTERY 10 May 1968 DRc/DE/209/VI(c)
Norman & Burt: to repair 4 N. windows, jambs and mullions. £260.
25 May 1968 DRc/DE/209/VI(c)
Preparing templates, fixing stone jambs and mullions; cutting out

iron bars at springing, inserting bronze, renewing spalled stone jambs and mullions with Clipsham.

NAVE 10 May 1968 DRc/De/209/VI(c)
Norman & Burt extending stone steps and paving in front of pulpitum. New steps and paving £1863; repair existing steps £371 (Stone Firms Ltd. Corsham, Wilts.)

EXTERNAL STONEWORK 27 May 1968 DRc/Ac/32
Architect had agreed rate of 15s 2d. an hour for craftsmen for whole of work now being done on n. side of Cathedral and to include whole face on N.Choir Transept.

ST. JOHN BAPTIST CHAPEL 27 May 1968 DRc/DE/209/VI(b)
Portland stone base to the Lee Warner monument may be ordered.

Dean 31 May 1968 DRc/DE/209/VI(a)
Have heard from C.A.C., will be happy when we are able to do full job.

4 June 1968 DRc/DE/209/VI(b)
Kentish Church Builders: instructed better photos should be taken of exposed medieval tiling under floor, particularly in northern half of trench to be done before covering with polythene and filling back. (Medway Picture Agency 2 sets enclosed and transparencies).

NAVE altar scheme 13 June 1968 DRc/DE/209/VI(A)
Sketch by Godfrey of section profile existing

NAVE pulpitum steps 1 July 1968 DRc/DE/209/VI(b)
Ensure that lengths of stones are adjusted not only to suit block but existing stones to which they are addition. Existing steps varied. Widths of paving also not to be consistent. Differences should be appreciable. Suggest lightweight concrete underfill to avoid hollow sound from footsteps.

ST. JOHN BAPTIST CHAPEL 4 July 1968 DRc/DE/209/VI(b)
Norman & Burt: supplying 2 rubbed York stone steps; two course rubbed Portland stone plinth.

NAVE altar scheme 27 July 1968 DRc/DE/209/VI(A)
Should move inscribed Poley ledger and brass which will come under new platform steps; very expensive - hope possible to do £126, includes covering possible vault.

POLEY MEMEMORIAL 31 July 1968 DRc/DE/209/VI(c)D
Norman & Burt: Dean yesterday instructed slab be lifted and refixed in position to be decided. Took rubbing of this slab and immediate neighbour on S. side which will be covered by new platform.

16 August 1968 DRc/DE/209/VI(A)
Norman & Burt: instructed leave Poley ledger's new site for archaeological investigation.

17 August 1968 DRc/DE/209/VI(c)
Norman & Burt account: lifting Poley Memorial slab, refixing in N. Transept, taking up and making good stone paving, attending archaeologist, phographing sub floor.

CHAPTER ROOM door 16 August 1968 DRc/DE/209/VI(A)
Form new stop for door and remove cracked section of stone for re-setting later.

BISHOP GUNDULPH stone figure 17 August 1968 DRc/DE/209/VI(c)
Norman & Burt: cleaning stone figure with water and assembling on tomb in Presbytery.

NAVE steps 17 August 1968 DRc/DE/209/VI(c)
Norman & Burt: extending steps and paving in pulpitum in Portland stone £1863.

HEATING 26 August 1968 DRc/Ac/32
Humidifying air from existing heaters to be investigated.

ST. JOHN BAPTIST CHAPEL 16 August 1968 DRc/DE/209/VI(a)
Remove stone effigy, spray wash and return. It was proposed to re-site in eastern most recess s. wall Presbytery; stood originally in N. turret w. front - consider should be in a standing rather than recumbent position

CHAPTER ROOM doorway 17 August 1968 DRc/DE/209/VI(c)
Norman & Burt: remove spalled stonework at crack; investigate for iron cramps. I will take stone before refixed for advice and experiment for removal of treatment it has received. Provide rigid iron doorstop to door chased into threshold, turned down and fixed inner face of wall below floor level..

ST.JOHN BAPTIST CHAPEL Dean 30 August 1968 DRc/DE/209/VI(a)
Have written to Cathedral Advisory Committee explaining why we feel we cannot do as they suggest at this moment.

NAVE 31 August 1968 DRc/DE/209/VI(c)D
Norman & Burt: cleaning down existing Portland steps to pulpitum 14 lb. chloride of lime.

NAVE Altar steps 3 September 1968 DRc/DE/209/VI(A)
Do not think even another bleaching treatment will match colour of old steps to new. If feel old should be rubbed down...
Canon: own opinion bleaching been very successful as far as it goes; general impression thoroughly good.

PRECINCT 7 September 1968 DRc/DE/209/VI(c)
Cramping and repairing freestanding stone columns and cills in east walk of Garth. ½ tin Akemi.

NAVE 7 September 1968 DRc/DE/209/VI(c)
Brass hooks fixed for rope barriers

NAVE N. Aisle 23 September 1968 DRc/Ac
Chapter Clerk instructed to investigate leak at W. end.

NAVE re-sited Poley ledger 10 October 1968 DRc/DE/209/VI(x)
Archaeological conclusions on excavation. Ralegh Reid.

STEEPLE 11 October 1968 DRc/DE/209/VI(A)
Clerk to architect: damp patch showing on boardidng on inside of steeple; as not more than ten years since steeple was done can't think...
Godfrey: last time inspected agreeably surprised; methods of repair we used been so successful the additional fixings were to stop movement of lead to avoid starting afresh; hope trouble is isolated instance
Clerk: inspected; could find no fault but W. side boarding very wet; must be crack somewhere.

CHAPTER ROOM doorway 18 October 1968 DRc/DE/209/VI(c)
Removed spall - treatment of iron cramps to be considered in conjunction with cleaning stonework. Suggest top hook which is pulling out should be taken out, turned down and reset to make dor hang correctly.

25 October 1968 DRc/DE/209/VI(c)
Godfrey to Norman & Burt: adjust top side; removed spall not to be replaced until restoration of doorway decided.

CHOIR N. AISLE 25 October 1968 DRc/DE/209/VI(A)
Step heads to be repaired.

CHAPTER ROOM doorway 25 October 1968 DRc/DE/209/VI(A)
Piece of stone removed at fracture caused by rusting iron cramp; not be refixed until proposals restoration of doorway decided.

NAVE altar scheme 25 October 1968 DRc/DE/209/VI(a)
Adaptation of clergy stalls from w. wall of Lady Chapel for use in Nave to be put in hand.

NAVE pulpit 25 October 1968 DRc/DE/209/VI(c)
To be moved to bay east of present position

NAVE clergy stalls 26 October 1968 DRc/DE/209/VI(c)
Forming matched oak panelled Canons' stalls backs, heavy duty castors

31 October 1968 DRc/DE/209VI(c)
Drawings, pencil. F.S. by Norman & Burt.

NAVE pulpit 2 November 1968 DRc/DE/209/VI(c)
Norman & Burt: to moving Nave pulpit and cast iron tree to new position eastwards; renewing missing moulding, making good stone floor

E.END walls 21 November 1968 DRc/DE/209/VI(b)
Kentish Church Builders: repair and washing faces, raking out deep pointing, removal rusting ironwork, tipping with bronze saddle bars not iron or non ferrous, painting them. (N.& W. walls N.E. Transept, N. Choir Aisle, N.Choir clerestory) work to be staged as finances allow.

STATEMENT BY DEAN 25 November 1968 DRc/Ac/
Work on cleaning of Fabric had been continued. One more section of

considerable size remained to be done to complete the N.E. side up to Gundulph Tower.
Alterations had been made to steps leading to Quire from Nave to provide proper platform for Nave altar but furnishings for altar not yet completed. During work traces found of apse of the Saxon cathedral.
Work on stonework of doorway leading to Chapter Room found necesary and temporary patching of the stonework would be put in hand pending enough money being available for complete renovation.

N.W. TRANSEPT 23 December 1968 DRc/Ac/
Reported that part of finial on gable end over N. door fallen to ground; Mr. Godfrey would be making an inspection to ensure no other stonework in a dangerous condition.

24 December 1968 DRc/DE/209/VI(b)
Kentish Church Builders: apex cross to be removed in not more than three pieces These together with recently fallen pieces to be kept as mould for replacement. If practicable dowel hole to be filled with mortar.

S.W. TRANSEPT 24 December 1968 DRc/DE/209/VI(b)
Remove remains of shaft of gable cross and make good apex stone which supports it.

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STONEWORK washing and repair estimates 27 January 1969 DRc/Ac/
N. face of N.E. Transept £2210
Gundulph Tower £520
E. face of N.E. Transept £1170
Friends be asked to undertake work on the N. face of N.E. Transept.
Agreed total of this could be carried out in one year

N. WALLS externally 22 February 1969 DRc/DE/VI(a)
Friends' Council have promised financial support for cleaning and repairing north face of Cathedral..I am now able to give authority on behalf of Chapter for whole of work to be carried out..

CHOIR Dean to Godfrey 27 February 1969 DRc/DE/209/VI(a)
What can be done to improve walls of Quire..panelling would avoid obliterating the lions and any trouble with preservationists..would be expensive and since we want it lighter, panelling same colour as stalls would make it darker than ever. To unstain the stalls and use lighter wood impossibly large task..tapestry or curtaining would upset acoustics..advice from you.

FLOOD 20 August 1969 DRC/DE/209/VI(a)
Cathedral flooded this a.m. Jesus Chapel completely. Chapter Clerk phoned - has been on roof; thinks most of water came down fire main pipe, but quite a few places where water could get in if it is left on all night again.
Godfrey to Clerk: relieved to hear flooding of St. John's Chapel did not do damage.

GUNDULPLH TOWER 26 August 1969 DRc/DE/209/VI(a)
Clerk to Godfrey: KCB feel some of stonework on E. side ought to be pointed but have not had any instructions.

CATHEDRAL PLATE 27 October 1969 DRc/Ac/
Reply from Legal Board of Church Assembly; instructed to ask for formal approval of the Visitor to the sale of the two old Ciboria.

DEAN'S REPORT 24 November 1969 DRc/Ac/
Good weather had enabled rapid progress cleaning Cathedral stonework; £5000 spent on repairs and cleaning..help from Friends; no major work envisaged next year as organ due for major clean. Reported architect had been requested for advice on decoration of Choir - whatever was done the lions would not be pemanently destroyed.

CATHEDRAL PLATE 22 December 1969 DRc/Ac/
Sotheby's representative to be asked to view the Cibporia and advise on sale

CATHEDRAL PLATE 26 January 1970 DRc/Ac/
Sotheby's had considered Ciboria might reach £60,000....confidential approach to be made to V. & A. for private sale....

CHOIR 2 March 1970 DRc/DE/209/VI(a)
Canon Gripper to Godfrey: I am much drawn to repainting of the lions if you can find the right man.

CHAPTER ROOM doorway 10 June 1970 DRc/DE/209/VI(a)
Mr. Hemple who is in charge of conservation at V. & A. showed me some of most recent methods of cleaning and preserving stone that they are using; hope my reports appendix can contain some definite recommendations now.

CATHEDRAL DRAWINGS 23 July 1970 DRc/DE/209/VI(t)
Godfrey: Rochester's records so far as drawings very scarce; think were all destroyed in an air raid or fire.

NAVE interior w. end 3 August 1970 DRc/DE/209/VI(a)
Plaster on wall inside main west door has perished badly, not only outside skin but also part inside, crumbles; much of plasterwork generally in nave in poor state and not keyed to walling.

SPIRE 25 August 1970 DRc/DE/209/VI(g)
J.W. Gray: wrought iron cross slightly corroded; could be wire brushed and treated bitumastic solution. Lightning conductor down main is unsecured over upper 10' of spire; recommend remaining clips be removed fixing holes sweated, new tinned fold-over clips fitted, etc.
100 small rents occur to lead sheeting mainly at lower 30' levels in vicinity older clamps; vary between 1" to 3" long. Require to be cleaned and sweated. The 16 no. large clout nails to apex apron are loose, copper nails securing the lead over four spire vents are withdrawn, whilst a 1½" rent has occurred to side of S. vent; would recommend refixing this leadwork with new screws to suit. Estimate A £248 accepted.

CHAPTER ROOM doorway 18 September 1970 DRc/DE/209/VI(c)
Correspondence on experiments with Norman & Burt on stone cleaning methods.

PRECINCT lamp posts 21 September 1970 DRc/Ac/
Proposal from City of Rochester Society suggesting replacement of existing concrete posts approved.

CHOIR decoration C.A.C. Visit 23 September 1970 DRc/DE/209/VI(a)
Precis of report: object to establish whether painted decoration on lower walls was of sufficient importance to justify retention. Removal in 1867 by Scott of 18th century wainscoting and raked seats, formerly banked up high against the N. and S. walls, revealed traces of original decorative scheme of c.1400. Its discovery and treatment described Arch.Cant.X, p.70-4. Section of painted panelling preserved behind glass in S.Choir Aisle. Extensive traces

of entire scheme were found: sections of upper and lower borders as well as complete segment of frieze an smaller fragments confirmed repetitive character. It stated Scott 'caused whole of ancient painting to be preserved intact and upon space from which it had been obliterated renewed decoration exactly as it had been originally'. Unfortunately reproduction somewhat feebly executed, only addition appears certain blank shields in upper border with coats of arms of later Bishops of Rochester.
As frieze has become dingy, defying amateur efforts to clean, and as insipid repetition of single fleur de lis and lions passant regardant renders it unpopular, had been suggested be obliterated or covered over.
Considering panelling: visual effect of projection even one inch from wall would mar effect of moulded string courses which form important horizontal feature above painted dado; mouldings would no longer cast shadows which add such subtle emphases.
To obliterate Victorian painting would entail scraping and completely re-working surface of wall, so destroying all original surviving scheme of c.1400 and re-creation by Scott (which will become increasingly valued). If removed and walls remained bare, leave choir with cold mean apearance, drawing attention to absence of stallbacks and canopies.
Recommended limewashing whole of plastered and unplastered stonework, with exception Purbeck marble shafts, starting in Presbytery, to unify and strengthn visual impression of whole architectural scheme (violated in choir by picking out and scraping quoins round clerestory windows); improve also appearance of stained glass, whose impact at present rather violent, colour and glare.
The painted dado then expertly cleaned - its tone could be lightened and this, with lightening of walls would make more acceptable.
Wheel of Fortune has been heavily waxed and should be cleaned so that its background would tone with stone on which painted. A hanging might be introduced against wooden panelling behind return stalls, possibly dyed linen to match green blue which predominates in frieze of coats of arms. Stall cushions of same basic colour might make woodwork more attractive and general effect warmer.

SPIRE 13 November 1970 DRc/DE/209/VI(a)
J.W. Gray estimate £390; includes repairs to 100 small rents, renewing clips of lightning conductor; refixing apron at apex; painting cross; Architect recommends should be overhauled every 10-15 years. Work to start 30.11.70. Painting of inside iron work ordered.

DEAN'S REPORT 23 November 1970 DRc/Ac/
Cathedral Architect recently completed his five yearly survey..not yet to hand but known that £380 would be required for spire.
Decoration of the Quire had received great deal of consideration; Cathedrals Advisory Committee recommended whole should be lime-washed first before decision taken.

CATHEDRAL PLATE 23 November 1970 DRc/Ac/
Sale of two old Standing Cups or Tazzas agreed....reasons and votes recorded.

SPIRE 9 December 1970 DRc/DE/209/VI(g)
Painting of interior iron work is to be completed. Order to Grays. J.W. Gray & Son: account: £511.17.5d. wire brushing all ironwork internal spire, rafters, plates, king post.

SPIRE 23 December 1970 DRc/DE/209/VII(a)
Message: leaking badly

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HEATING correspondence March-May 1971 DRc/DE/209/VII(d,e,f)

CATHEDRAL PLATE 19 March 1971 DRc/Ac/
Letters Sothebys attached to Chapter Minutes p.114
26 April 1971 DRc/Ac/
Negotiations with British Museum had been completed and Clerk instructed to place any money received ....

PRECINCT Old Deanery Garden 24 May 1971 DRc/Ac/
Outbreak of Dutch elm disease compelled some 30 trees to be felled, roots removed and replanting planned to preserve amenities. Total cost about £1000

PRECINCT Old Deanery 24 May 1971 DRc/Ac/
Rehabilitation after closure as Theological College at end July 1970; conversion to VIth form college for King's School.

ORGAN 24 May 1971 DRc/Ac/
Completely dismantled, cleaned, repaired, £4000.

NAVE S. AISLE windows 27 May 1971 DRc/DE/209/VII(c)
Decided provide temporary seatings for make up by old SPAB method of tile rendered, not to be moulded, only roughly to follow shape of jamb stone mouldings not deliberately clumsy. Wash and repair

GUNDULPH TOWER May 1971 DRc/DE/209/VII(a)
Specification for new Vergers' Room, kitchen, lavatories and flower facilities

NAVE S. AISLE windows 8 June 1971 DRc/DE/209/VII(c)
Norman & Burt, est.: Alternative: take reset Portland stone jamb, make up to match with Portland £700, or new Clipsham £2000.

S. CHOIR AISLE roof 19 June 1971 DRc/DE/209/VII(s)
Godfrey to Hewitt: shall be getting access soon for a bit of strengthening

W.END DOOR 3 June 1971 DRc/DE/209/VII(s)
Godfrey:..door at w.end pretty certainly 1327 and profile of its stone mouldings some resemblance to wooden ones of choir aisle..

ESTIMATE 8 June 1971 DRc/DE/209/VII(c)
Norman & Burt: scaffold for, wash, repair, repoint stonework Exterior: S.W. Transept £4000; S. wall Choir £900 (Clerestory,

Quire, aisle and vestry £1700), s.e. transept £3000; Presbytery S. wall £2000
Interior: scaffold, limewash walls,ceilings: N.W. Transept £3500; S.W. Transept £3500; Tower crossing £2400; Choir £3300; Lesser transepts £5,200; Presbytery £4000. total £41,000

S.CHOIR AISLE ceiling 24 July 1971 DRc/DE/209/VII(s)
Godfrey: ..moulded members which show from below are 14th century; strengthening and cat's cradle of supporting timbers and irons between them and the leads date from that time to present; I have added and may have to add a bit more.

CROSSING 24 July 1971 DRc/DE/209/VII(s)
Godfrey: Cave in his observations decided the bosses might be copies of the 14th century work.

REPORT by E.C. Rouse 1 August 1971 DRc/DE/209/VII(t)

CHAPTER ROOM doorway 8 September 1971 DRc/DE/209/VI(a)
Sepiolite experiment done on portion of stonework.

NAVE S. AISLE window 27 October 1971 DRc/DE/209/VII(b)
Norman & Burt: completed temporary repair stonework S. window. Removing loose spalls from stonework, repairing stone to jambs

S.W. TRANSEPT 27 October 1971 DRc/DE/209/VII(b)
Norman & Burt: treating timber with Cuprinol.

CATHEDRAL PLATE 22 November 1971 DRc/Ac/
Two ancient Tazzas had been offered to V.& A., declined; subsequently purchased by British Museum via Sothebys for £75,000.

FABRIC 22 November 1971 DRc/Ac/
Result of Architect's quinquennial report, although fabric in generally good condition, estimate about £41,000 required for repairs. With help of Friends, who had allocated £5000 over next two years, following items should be undertaken in this order:
a) Interior decoration to N.W. Transept
b) Exterior repairs to S.W. Transept followed by interior decorations
c) Interior decoration to the Tower Crossing.

CHANCEL repairs 22 November 1971 DRc/Ac/
Letter from Mr. Godfrey showing possible expenditure of £2270; Chapter agreed subject to its contribution not exceeding £60.

1971
SURVEY

Report on the fabric Godfrey survey 21 April 1971 DRc/DE/209
Much work of repair has been undertaken since my Report of 1963. Interior of the Nave has been washed and redecorated and externally stonework of the Tower has been repaired and freed from the damaging buried irons of its tie rods which made the repair necessary.

Exterior washing stonework Godfrey survey 21 April 1971 DRc/DE/209
I am particularly happy that my recommendation of a systematic washing and repair of the exterior of the Cathedral has been adopted and this has formed the main part of the work undertaken in recent years. At that time only the W. front had been tackled and since then the whole of the E. and N. sides of the eastern arm has been put in hand (excluding a small postponement in the area between Gundulph's Tower and the great N. Transept. I hope that this policy may continue.

SPIRE Godfrey survey 21 April 1971 DRc/DE/209
As result of steeplejack assistance during my inspection it was possible to repair the spire before the recommendations had time to apear in this Report. I will not do more than refer again now to the unorthodox method and the attendant risks of securing this steep lead work by means of external clips to the rolls. On the whole our original economy of increasing their number, instead of renewing the leadwork when it was failing, seems to have been justified.

CLERESTORIES Godfrey survey 21 April 1971 DRc/DE/209
Nor will I repeat in full my observations on the Clerestory walks. It is evidence of the 'aliveness' of a Gothic building that the corbels between the inner and outer skins of its walling stand very little chance of remaining uncracked, and such cracking has occurred in Scott's restoration of the E. end. By the time the great S. Transept was built, this had been discovered and the design omitted the corbels altogether. Such aliveness does however require observation of movement and reference is made to this, both in regard to the walks and to the vaults.

NAVE S. AISLE windows/wall Godfrey survey 21 April 1971 DRc/DE/209
I am recommending some immediate work to the windows of the S. Aisle of the Nave to be followed by permanent restoration of them during the washing and repair of that wall.

S.W. TRANSEPT Godfrey survey 21 April 1971 DRc/DE/209
Following that, my main recommendation is that the great S. Transept should be washed and repaired externally and that the whole should be overhauled and redecorated inside.

N.W. TRANSEPT Godfrey survey 21 April 1971 DRc/DE/209
It is more than 20 years, ie before my time, since the vaulting of the N. Transept and its stonework has been closely examined. This should be done and if the opportunity can be taken to improve its appearance in the way that appearance of the Nave has been transformed, so much the better.

CROSSING ceiling Godfrey survey 21 April 1971 DRc/DE/209
The ceiling of the Crossing has still not been examined, access being difficult.

FUTURE DESIRABLE PROJECTS Godfrey survey 21 April 1971 DRc/DE/209
(a) that the aim should be one day to restore the high roofs of the eastern arm

(b) that the electric lighting should receive further attention (from the point of view of appearance). This includes the two temporary lights hung over the Nave Choir stalls at the time of the centenary festivities, and the temporary shades provided for the Crypt lights on the same occasion. Also that the reflectors should be cleaned and reset to give the Clerestory and Triforium lighting the effect it was intended to have. Finally that a substitute should be found for the present lighting of the S.E. Transept.

SCHEDULE OF DEFECTS

NAVE roof Godfrey survey 21 April 1971 DRc/DE/209
Lead work in good order generally. At 14th bay from E., south slope, there is a pin hole. Fill hole

Ventilators at W. end to space between upper and lower boarding of roof have lost protective caps. Fit new caps

N.W. TURRET Godfrey survey 21 April 1971 DRc/DE/209
Door at top of turret requires a new ledge and better fixing to top ledge. Repair door and oil hinges
Duckboard outside requires mending Mend duckboard

NAVE N.Aisle roof Godfrey survey 21 April 1971 DRc/DE/209
This **copper** roof is generally in good order. Some patches at E. end appear to be soldered and not brazed. One in 2nd bay from E. is lifting. Refix patch
New copper guards are required to rainwater outlets. Refix guards

NAVE S. Aisle roof Godfrey survey 21 April 1971 DRc/DE/209
Copper roof good as on N. Aisle. Copper guards are required to rainwater outlets. Fix guards

LADY CHAPEL roof Godfrey survey 21 April 1971 DRc/DE/209
W. parapet N. end - flashing loose. Wedge and point in flashing

S.W. TRANSEPT high roof Godfrey survey 21 April 1971 DRc/DE/209
W. slope. One slate slipped, 10 slates away from Tower wall. Refix
Parapet gutter: one wiped mend in lead developing crack on S. side. Repair mend
E. slope: gutter where under eaves has slipped down in two places. Take off eaves courses and refix.
9th course up about 8 ft. from Tower wall a slate slipped. Refix
Parapet: open joints a N. end. Pointing required

N.W. TRANSEPT high roof Godfrey survey 21 April 1971 DRc/DE/209
W. slope. Three ridge stones nearest Tower appear cracked. Renew
Parapet gutter: one mend 5'2" N. of intermediate buttress developing crack. Renew
Chimney stack: pot splitting. Flaunching cracked. Renew pot. Make good flaunching
E. slope: Five lead burnt mends have recent solder over them. These mends should be checked.
Creases in lead of gutter, previously reported, remain and lead is intact.

CHOIR high roof Godfrey survey 21 April 1971 DRc/DE/209
S.E.valley at crossing. Very much crazed in 2nd sheet down, and slightly in 4th sheet. Renew this lead in heavier metal

E. slope. At 4th course down against coping, there is a hole through a slate. One large slate, 3rd course up, fourth away from and N. of access door slipped. Cover flashing needs some pointing at top and has longitudinal crack. Renew slates; point, repair flashing

INDULGENCE CHAMBER roof Godfrey survey 21 April 1971 DRc/DE/209
Hole in S.E. corner

N.E. TRANSEPT high roof Godfrey survey 21 April 1971 DRc/DE/209
E. parapet - vertical joint open. Fill joint

PRESBYTERY high roof Godfrey survey 21 April 1971 DRc/De/209
S. slope. A slate slipped just above and to E. dormer access Renew
Split across centre of slate in bottom course behind intermediate buttress Renew slates
Internally leaks show at middle of 3rd bay near base of 4th free truss from E. Trace leaks and repair slating
Crack in cover flashing near top at E. end Repair flashing

N. slope. In bottom course next to easternmost slate, bottom course does not cover because of breakage. Renew slate
Parapet gutter, over drip of third bay - cracked flashing Repair

TREASURY roof Godfrey survey 21 April 1971 DRc/DE/209
N. slope. One slate slipping in 4th course from top. Refix slate
W. flashing has two cracks. Repair flashing
S. slope. At W. end one slate has failed Renew slate

VESTRY roof Godfrey survey 21 April 1971 DRc/DE/209
Flashing against S. coping is moving Repair flashing

CHOIR S.AISLE roof Godfrey survey 21 April 1971 DRc/DE/209
Flashing against Choir clerestory wall and around sills loose in places. Wedge, point flashings where loose
7th roll from E. bottom section and 10th roll, top section, nail heads pushed through Drive in nails and burn in new lead

GUNDULPH'S TOWER Godfrey survey 21 April 1971 DRc/DE/209
Asphalte upstand and chimney defective. Treat with bitumen

CHAPTER ROOM roof Godfrey survey 21 April 1971 DRc/DE/209
S. slope. About 1 dozen tiles broken Renew broken & missing tiles
N. slope. Eaves gutter and D.P.S. easily become blocked by pigeon droppings, etc. We cleaned them but they need frequent attention.

CRYPT south area roof Godfrey survey 21 April 1971 DRc/DE/209
Wired glass roof of this area is cracked in some panes and leaks are occurring and may damage heater. Need renewing. Renew panes clean roof and gutters
Advisable to make cover for switches and meter Make cover
This roof and gutter need to be cleared of dust and debris periodically.

NAVE S.Aisle walling/windows Godfrey survey 21 April 1971 DRc/DE/209
General condition of stonework of wall and windows described under Priority II.
Following particular defects occur in the windows, majority due to rusting ironwork within.
W. window: large spalls removed from centre W. jamb and centre upper half E. jamb. Small crack at base of E. jamb
Centre window: W. jamb spalling, is cracked through to inner jamb and could not all be removed. Iron dowels which are causing the trouble appear to be 1" square.
E. jamb, one spall already missing; though firm more due to fall. There are other small cracks at base and top of this jamb. Spalled section of the label to be removed.
E. window: W. jamb. Heavy spall to be removed from centre up to label. Spalling on E. jamb still rings true in parts, but should be removed. Spall removed from label.

For above windows: cut out, secure and temporarily fill. (Staging will be necessary in parts as some of stonework to be removed is heavy). Access and repair simultaneously to the interior stonework at these points essential. Assess for permanent repair.

LADY CHAPEL Godfrey survey 21 April 1971 DRc/DE/209
S. wall. W. window Fill deep hole which birds are using

CHOIRS.AISLE flying buttress Godfrey survey 21 April 1971 DRc/DE/209
Coping is not complete. Another large piece is due to belifted off soon. (this should leave some substance). Take detail of exisdting for subsequent renewal (Priority III). Remove loose stonework and see remainder left to falls to throw off rain.

S. CHOIR Clerestory Godfrey survey 21 April 1971 DRc/DE/209
2nd window from W: upper part of glazing is bending inwards towards Choir. Take out glazing, overhaul, refix
Glazing of these windows is in plain diamond quarries. Some of it has bowed. Examine, overhaul, repair saddlebars

ELECTRICAL INSTALLATION Godfrey survey 21 April 1971 DRc/DE/209
A test of installation not made; this should be done periodically. At E. end, externally, of N. Nave Aisle roof, the wiring emerges from the Nave Clerestory onto a perforated galvanized tray which is rusting. To prevent reaction between the iron and copper a new tray should be provided. Provide new bronze or other approved tray.

Roofs internally:

PRESBYTERY & E.ARM roof int. Godfrey survey 21 April 1971 DRc/DE/209
Timbers: there appears to be continued furniture beetle activity in some timbers, principally in sapwood, throughout the eastern arm. Treat timbers locally.
The timbers of eastern crossing at the valleys should be given a precautionary treatment again.
Iron straps, etc. at timber joints of these roofs require painting again. Paint ironwork

E. END vaulting Godfrey survey 21 April 1971 DRc/De/209
In contrast with the vaulting of N.W. Transept where there is a high roof and the vaulting is contained by the side walls, which rise above it, the vaulting in the eastern arm stands up freely. There is no restriction from the side walls, and cracks have opened up in most of them. There is very little, if any, thrust in this direction however. A method must be found to buttress the vaults where normally they would have the support of a wall.

The worst instance occurs on the S. side of the Presbytery, where the crack shows through to the interior of the Cathedral. If the eastern arm is scaffolded as is intended, the opportunity should be taken to fill such cracks carefully, with an undercutg key for the filling (this cannot be satisfactorily done from above).

Measures can also be taken to stop the movement. Some of the vaults towards the W. end and of the Choir, it appears have been improved in this respect and have been more newly rendered over the top.

In the S.E. Transept a dwarf brick wall has been built against some of the vaults.

S.W. TRANSEPT roof int. Godfrey survey 21 April 1971 DRc/DE/209
Wooden vault and timbers appear to be in good order. Ironwork needs

painting, especially tie rods and straps at gable. Paint ironwork

N.W. TRANSEPT roof int. Godfrey survey 21 April 1971 DRc/DE/209
Vaults show no weakness. Timbers appear to be in good order and roof is diagonally boarded, giving it added stability. All beams except that of southernmost free truss are clear of the vaulting. Free vault at this point from possibly giving support to the timber.

CHOIR S.Aisle roof int. Godfrey survey 21 April 1971 DRc/DE/209
In contrast to the N. Choir Aisle roof which was previously treated and appears to be free of beetle attack, this roof needs further examination and possibly some treatment. The flight holes in the plates, where they shouw in the Aisle, should be filled with wax so that any new holes can be detected. When this roof was treated some iron strapping was provided to improve the support of this original roof. A split post, visible from eastern access door from Clerestory walk, does not now take weight, but the plate which it used to support is loaded and the transfer of weight more directly to a corbel below needs to be rationalised.
Provide access to inspect roof and arrange additional strengthening if found necessary.

S.W.TRANSEPT r.w.p. Godfrey survey 21 April 1971 DRc/DE/209
W. wall. Bottom length of downpipe at Lady Chapel roof is cracked at the back.
Renew bottom length

N.W. TRANSEPT r.w.p. Godfrey survey 21 April 1971 DRc/DE/209
Downpipe at N.W. buttress ends high with a shoe and stonework is affected.
Lengthen downpipe

NAVE N. Aisle r.w.p. Godfrey survey 21 April 1971 DRc/DE/209
Great lead downpipes of this Aisle are cased at base in wood boxings
Repair caps of wood casings
Channel at N. side of Nave - brick retaining wall has some bricks missing and some loose. Rake out, clean joints, eradicate vegetation, replace missing bricks and re-bed loose bricks. Point and grout joints at base. Take care not to damage or move plumb reading points set in base of channel.

NAVE S. Aisle walling Godfrey survey 21 April 1971 DRc/DE/209
Generally: walling is of varied stone, haphazardly laid except for the top ten courses, rainwashed in parts to a beautiful colour, only spoilt by dark emphasis of flint galetted joints. In my previous report I had hoped that that these chips of flint might be removed, though still fairly firm in the joints.
Apart from several bad courses above the eastern window, there is about a score of deeply eroded ragstones here and there in the wall; none that I could find however gone to a greater depth than 3½". Such places will have to be considered when the wall is scaffolded for washing and general repair and particularly for renewing the stonework of the three windows.
Wash, rake out loose joints deeply, remove flint galetting, renew or turn badly eroded stones and refill joints.

NAVE S. Aisle windows Godfrey survey 21 April 1971 DRc/DE/209
In the windows, when they were restored, a somewhat unmatching stone was used. The jointing was reinforced by some heavy iron dowels and these have now reached a stage of rusting which is throwing off the new stonework. This was exposing parts of the old **firestone or rag** of the original jambs, until the recent temporary repairs, when covered up. These can be repaired piecemeal, with the knowledge that similar renewals must follow later; but the course to be recommended is the renewal of the stonework now, in conjunction with the general repair of the walling.
When work recommended under Priority I carried out, following alternative for recommendation:
(i) Carefully take out glazing and take down all heads and jambs (and sills also where found necesssary). Remove all iron cramps and dowels. Discard damaged stones and make good with new stone of as good a match as possible.
(ii) Take down stonework of windows and renew, providing a better tail-in in places and cramping, where necessary, with non-ferrous metal only.

S.W. TRANSEPT turrets Godfrey survey 21 April 1971 DRc/De/209
Close examination, eradication of vegetation and repair (with some renewal) of stonework should be undertaken.

NAVE Godfrey survey 21 April 1971 DRc/DE/209
Re-decoration of Nave in recent years has given opportunity to notice whether defects are developing. Much of the plastering sounded hollow, but was left where reasonably sound. This has held up very well, even at the very weak places under the easternmost clerestory window of the N. side. The exception is at the reveals of the great W. door. Make good plaster

At N. respond of arch to crossing, 3' below cap on S.E. facet, a **lead covered iron cramp** into shaft has split the stone behind. We removed the loose stone, but this needs attention.
Repair stonework at cramp

LADY CHAPEL Godfrey survey 21 April 1971 DRc/DE/209
E. end over arch. Some over hard plaster is away. Its removal is recommended where it has lost its key and the plaster should be renewed. Note stain on wall over wall plate is simply mortar. Wall beam here is a hollow trough masquerading as a beam.

CHOIR S.Aisle Godfrey survey 21 April 1971 DRc/DE/209
Wall painting on the buttress is directly on the stonework and is flaking slightly. Needs expert attention. (Crack does not appear to have opened at all). Expert attention should be given to painting

CHOIR Godfrey survey 21 April 1971 DRc/DE/209
Some of painting behind W. stalls on N. side is flaking and needs expert attention. Expert attention should be given to painting

CHAPTER ROOM doorway Godfrey survey 21 April 1971 DRc/DE/209
A split in panelled background at high level indicates that the

damage from **iron cramps** already sustained by the S. jamb may continue unless the stonework is dismantled and the cramp removed. The treatment of the friable stone of this important and beautiful feature of the Cathedral should be experimented with and then, if successful, be undertaken when dismantled. A cleaning by the **Sepiolite** method developed by the Victoria and Albert Museum and the impregnation of the stone when heated, with wax, is recommended. Such impregnation is not practicable with the stone in situ. The whole of this work must be skillfully and carefully handled, if the doorway is to be erected successfully without damage.

PRESBYTERY Godfrey survey 21 April 1971 DRc/DE/209
Marble string at sill of eastern windows is cracking and needs to be repaired. Repair string

NAVE S. Aisle Godfrey survey 21 April 1971 DRc/DE/209
Richard Somers memorial. Improve tying back of coat of arms.

NAVE N. Aisle Godfrey survey 21 April 1971 DRc/DE/209
Capt. Sam'l Read memorial, under 2nd window. Crack in left hand section of marble backing. Investigate and re-secure

Sir Francis Barrell memorial (1724) by Robert Taylor (the Elder). Centre vase needs flame. Both lamps broken; many of pieces are on top of memorial and rest appears in perfect order. Repair

N.W. TRANSEPT Godfrey survey 21 April 1971 DRc/DE/209
John Parr memorial (1792). Provides typical example of damage by iron cramps. On left of apron a round spall away, on right round spall becoming detached. Higher up there is a split at cramp both sides. Take down, repair, refix with non ferrous cramps

S.W. TRANSEPT Godfrey survey 21 April 1971 DRc/De/209
Sir Richard Head, Bt. 1689 memorial by Grinling Gibbons. Rusted cramp appears to serve purpose of holding back apron and not main bulk of memorial. Investigate, make secure with non ferrous cramps

N.E.TRANS. St.John's Chapel Godfrey survey 21 April 1971 DRc/DE/209
John Lee Warner memorial (western one). Flame of vase sits on wooden dowel in necking, which is in turn resting on vase without fixing.
Make vase secure
Bishop John of Sheppey memorial, arch over. Piece of stone above a spall previously detached could work loose and fall.
Dowel back stone

CRYPT Godfrey survey 21 April 1971 DRc/DE/209
Piers and arches revealed by removal of masonry supporting the floor of the Presbytery and strengthened to do its work, appear to be standing up to their task. The walls particularly in this part of the Crypt are much broken away. They could be patched up a little, but although there are good patterns to go by, I do not think any wholesale renewal of stonework is necessary or desirable. In 4th window from E. on S. side for instance, most of jamb and arch stones have gone from its reveal and yet it is not really insecure.

General colour of stonework of Crypt, although dirty in parts, is beautiful and would not be improved by an overall whitening.

Those panels of the vaulting which were left unwhitened because of traces of painting, would look better repaired and whitened. Further expert opinion and a decision then to carry this out was recommended in my last Report.

Following defects noted and though not all urgently in need of repair, are listed here together for reasons of coherence. The list is not as long as that given in my last Report (1963), which tended to give a less than optimistic ipression of the condition of the Crypt. In fact they were mostly items to keep under observation and can be read in conjunction with this when it comes to actually doing some work in the Crypt. A little consolidation and fixing of further tell-tales is to be reommended for present five year period.

N. end - main cross arm. Cement tell-tales across crack in eastern bay are holding. (The one in second compartment may be slightly cracked). One across a diagonally split shaft in the E. compartment is of little use and might be removed. The shaft could be dowelled and repaired in order to improve its appearance.

In the vaulting some of the 'masoning', with flower pattern at centre must be preserved, but in others a good deal of plaster needs to be removed. Vault can then be limewhitened in that condition or repaired first.

Caps of W. and E. responds of arcade of S. Chapel are considerably cracked and need watching. Tell tales at cap of E. respond has gone, that over crack to its S. is intact.

This S. end of Crypt is of course part of the S.E. Transept which has suffered settlement almost since it was built and which has had much work of rectification done to it since.

Bay in the Transept lying E. of S. Chapel and leading to the Slype - piecing in of diagonal rib at cap of S.E. respond needs renewing.

At N.W. respond there is a cracked cap. The cracked rib above it could be pinned.

Voussoirs of S.E. bay have slipped over 2" at the apex. Are sound now but could be consolidated better.

In northern bay of the two the shaft of N.E. respond is split. Can be pinned back on assumption that the weight which caused trouble is now transferred to wall.

NAVE S.Aisle window glazing Godfrey survey 21 April 1971 DRc/DE/209
Western: Firm, stained glass window
Centre: weak, stained glass window, particularly loose just below springing.
Eastern: Plain diamond paned glazing. Loose but weakness partly due

to width of span.
In none of these windows is damage due to the bars (as distinct from the dowels, etc) discernible in the stonework.
When stonework repairs recommended are being done, remove the windows, **tip saddle and stanchion bars with bronze or renew in bronze.** Overhaul glazing. Centre window - re-lead. Eastern window, brushing in of glazier's cement may provide sufficient overhaul.

NAVE N. Clerestory windows Godfrey survey 21 April 1971 DRc/DE/209
No.1 from W: broken pane at bottom
No.6 ditto
No. 8: Four panes together broken and two others Renew glass

NAVE S. Clerestory windows Godfrey survey 21 April 1971 DRc/DE/209
Saddle bars not showing signs of rust Paint saddlebars

NAVE N.Aisle windows Godfrey survey 21 April 1971 DRc/DE/209
Bay 4, window 3. Three panes broken by missiles Renew glass

N.W. TRANSEPT windows Godfrey survey 21 April 1971 DRc/DE/209
Gable windows (access from walkway across gable) Paint saddlebars

CHOIR S.Aisle windows Godfrey survey 21 April 1971 DRc/DE/209
Low level windows. Rust beginning on saddlebars and vents. Paint

N.E. TRANSEPT windows Godfrey survey 21 April 1971 DRc/DE/209
W. window. Glazing contains dozen cracked panes and 2 holes Renew

PRESBYTERY Godfrey survey 21 April 1971 DRc/DE/209
E. windows have very heavy internal saddlebars screwed to wood frame. Very rusty. Paint saddlebars

CHOIR N. Aisle Godfrey survey 21 April 1971 DRc/DE/209
Vegetation removed but work of washing and repair has to be completed in this area. Easternmost mullion has a longstanding crack at its base visible from within.

GUNDULPH'S TOWER Godfrey survey 21 April 1971 DRc/DE/209
Vegetation removed from S. face but work of washing and repair has to be completed.

NAVE N.Aisle Godfrey survey 21 April 1971 DRc/DE/209
Wall similar to S. Aisle but very much more dirty. It has similar eroded ragstone and flint galetting in the joints. There are remains of original 12th century string course in the westernmost bay and the three easternmost bays - is ornamental and of Caen stone, sound in some parts, but very friable in others. As much as possible should be preserved.

The wall is very much out of plumb, increasing towards the W. end and for its whole length it is bulged at the level of the top of the buttresses. The stonework at this bulge, wherever tested, rang sound.

On previous occasion we had rods set in the parapet and glass set in the concrete of the ground channel below, so that periodically plumb readings could be taken. At only one place (3rd bay) was the reading greater than previously (3/64" in 3rd bay from W). At bay 4 it read as 1/8" less. The remainder read exactly as before, the inner face of the glass at the base being vertically below the rod point at the top. This is satisfactory, but this wall should continue to be watched carefully for cracking or other signs of movement.

A great deal of deterioration continues in the features of this wall, as previously reported. It is desirable that as much as possible of the old work should be preserved and wherever the stone is structurally sound, even if much perished, it can I hope be kept in position.

It is recommended that this wall should take its turn in the programme of washing and repair and it should be borne in mind that more repair and renewal of stonework is likely to be found on this front than elsewhere.

NAVE N.Aisle 1st bay W. Godfrey survey 21 April 1971 DRc/DE/209
Top weathering of first buttress consists of one slab of stone, laminating, with large **iron cramp** much swollen with rust.Renew stone
Rusting iron is wrecking stone at lower level also.
Remove damaged stone and iron; renew stone

NAVE N.Aisle 2nd bay W. Godfrey survey 21 April 1971 DRc/DE/209
The window (1) is mostly ancient with renewed mullion. Sill is very much cracked into pieces (shows slight crazing within).
Doorway: considerable amount of label has perished. Stonework also heavily encrusted with grime.
Repair all items with as little renewal as possible

NAVE N.Aisle 3rd bay W. Godfrey survey 21 April 1971 DRc/DE/209
Window (2). Removed large piece of detached ragstone from E. jamb (this stone very hard inside, but has property of breaking up into lumps). A crack at base of mullion shows within, but is not open and rings true. Repair with as little renewal as possible
Glazing: plain diamond, sound, though much bowed on accountlack of fixing to bars. Saddlebars starting to rust. Tip saddlebars with bronze and paint. Overhaul glazing.

3rd buttress: Removed a piece of stone from plinth. Leave and point

NAVE N.Aisle 4th bay W. Godfrey survey 21 April 1971 DRc/DE/209
Window (3) modern. Stonework suffers little from rusting saddle bars; there is no sign of new cracking.
Glazing: plain diamond. Sound, though much bowed (3 panes broken due to missiles). Saddlebars rusted to very thin state in places.
Tip saddlebars with bronze and paint. Overhaul glazing

4th buttress clad thinly with 2½" stone; we detached some: core sound. Joints need deep filling

NAVE N. Aisle 5th bay Godfrey survey 21 April 1971 DRc/DE/209
Window 4: we detached stone from E. jamb and W. moulding.
Glazing: Plain diamond, sound, though much bowed due lack fixing to bars. Tip saddlebars with bronze and paint. Overhaul glazing

5th buttress: top and lower weatherings laminating.Renew weatherings

NAVE N.Aisle 6th bay Godfrey survey 21 April 1971 DRc/DE/209
Window 5: sill badly cracked due to rusting of stanchion bars, which are now freed. Inside, **rusting iron** should be removed from joints of mullion.
Renew sill

NAVE N.Aisle 7th bay Godfrey survey 21 April 1971 DRc/DE/209
Heating chamber occurs here.
7th buttress contains original Caen stone and has ragstone capping. Remains here of original intermediate string course.

S.W. TRANSEPT W.Clerestory Godfrey survey 21 April 1971 DRc/DE/209
Stonework in fair order; it is to be hoped ugly strap pointing can be removed when washing is carried out. At windows, perished bases of shafts need attention - at least fixing of lead flashings to weather them.
Provide flashings; wash; repair

S.W. TRANSEPT S. front Godfrey survey 21 April 1971 DRc/DE/209
Plinth has been renewed; restored stonework above in fair order. Some exfoliation occurs (eg on S.W. arris of S. buttress, when removed, leaves little more than ½" erosion measured on the diagonal).
Wash; repair

S.W. TRANSEPT S.W. Turret Godfrey survey 21 April 1971 DRc/DE/209
Because of plinth renewal and restored stonework above apparently very much eroded shafting of the Turret may seem to be worse than it is.
Wash; repair

S.W. TRANSEPT S.E. Turret Godfrey survey 21 April 1971 DRc/DE/209
In better order, but a tree has taken root between gablets. Wash; repair

S.W. TRANSEPT Windows Godfrey survey 21 April 1971 DRc/DE/209
Similar defects at the five windows of the top stage are simply cases of peeling back of hardened surfaces, which was in so much greater evidence on N. side of Choir etc. before recent washing and repair. Sills are good. An old crack through sill and into walling below is immaterial, but watch.
Wash; repair

S. face: five windows of top stage. Old crack through string at sill and down into walling.
Observe

S.W. TRANSEPT middle stage Godfrey survey 21 April 1971 DRc/DE/209
Some loose pieces of label mould removed, (due to defects in stone itself; **saddle bars cast iron** not therefore necessarily needing to be renewed). If general washing not in current programme this work should be placed in second priority.

CHOIR S.Aisle Godfrey survey 21 April 1971 DRc/DE/209
Flying buttress: Renew coping. Mortar of joints in fair order, though a chisel could be buried 7" in one hollow, and there was a bird's nest in another. Trace and fill all hollow places
Doorway: removed large spall
Eastern window eroding badly. Not serious since string course below is sound, although eroded in two places. Renew stones

Evidence of Cottingham's intention to thicken wall of the Aisle and provide a roof resting on corbels and a weathering set in position to give it a start from S. Aisle Face is coming away from some of this **Bath stone** but not material at present. Wash and repair

S.E. TRANSEPT walls Godfrey survey 21 April 1971 DRc/DE/209
Comparatively modern **Bath stone** faced construction externally. Well washed appearance in gable and upper stage, but dirty at base of lower stage and ground storey. Wash, repair

Anchorages of great tie rods should be exposed during work and whole tying system reassessed and doverhauled. (Signs at S. wall of Indulgence Chamber of lamination on rod occurring within wall).
Open up tie rod anchorages; carry out work as found necessary

S.E. TRANSEPT windows Godfrey survey 21 April 1971 DRc/DE/209
Windows: dog tooth ornament: jambs and arches of window openings decorated wijth two rows of dog tooth ornament, the blind windows with one. There are over 700 of these on S. face alone, out of which 7 were missing and we remdoved one. In due course they will all fall away. There is pathway beneath. Removal will add to austerity of this front. During washing determine risks to ?remove

N.W. TRANSEPT high roof Godfrey survey 21 April 1971 DRc/DE/209
E. parapet gutter needing frequent mending, contains creases; is not in good order. Sheets too large. Relay with shorter lengths of lead, and timber under affected by death watch beetle should be removed.

CHOIR high roof Godfrey survey 21 April 1971 DRc/DE/209
S. parapet: gutter - sheets of lead too long, but no action required at present. Watch

LADY CHAPEL walls Godfrey survey 21 April 1971 DRc/DE/209
Walling is in **ragstone**, not so haphazardly laid as that of neighbouring Nave Aisle. Ragstone soft and eroded here, especially E. and above arch of E. window S. wall.

W. wall: buttresses twice cramped in its weathering. 3 cramps missing. Renew in **bronze**
Plinth is cracking into large lumps and will disintegrate in due course. Leave for present

S. wall: those parts of buttresses and plinth which have been renewed are in good condition, apart from some lamination, which is

of not consequence. Each buttress is twice cramped in weathering as on W. face; 4 out of 6 have gone. Renew in **bronze**

LADY CHAPEL windows Godfrey survey 21 April 1971 DRc/DE/209
Stonework of windows has been mostly renewed fand, in recent years, more renewals have been made after war damage.
West wall:
N. window: slight cracking in tracery, transome and sill, indicating a little movement; internally apex is cracked. Fill cracks, observe
S. window: good order. Internally has a crack through N. half arch running into jamb. Bulge in wall at S. arch rings solid.

South wall:
W. window: original relieving arch and stonework beneath it are very much eroded. Latter is bedded in direction of arch and will soon have to be renewed. Internally each of windows is cracked at apex. This is normal, but arches of arcade opposite are not thus cracked.

NAVE S. Clerestory Godfrey survey 21 April 1971 DRc/DE/209
As before still loose stuff to be removed (eg in weathermould of window 3 and of window 8 the easternmost). There is incipient cracking here and there from saddle bars in windows but work can await general overhaul of this front. Wash and repair in due course

NAVE N. Clerestory Godfrey survey 21 April 1971 DRc/DE/209
In little better order than the south. 4th window from W. bottom stone of mullion is slightly split on twisted line of 'grain'.
Windows 7 and 8 one or two of few original jamb stones left in are eroding. Wash and repair in due course

NAVE W. front Godfrey survey 21 April 1971 DRc/DE/209
This was first front to be washed and repaired in present programme. Some flaking of Caen stone cosntinues, ie in E. face of S. turret, 4th course up in lowest arcade. This is immaterial at present.

NAVE W. front doorway Godfrey survey 21 April 1971 DRc/DE/209
Is receiving a film of dust which might be washed off again. I should like to see an experimental patch done.

NAVE interior Godfrey survey 21 April 1971 DRc/DE/209
The lintols to the access on both sides of W. window were previously noted as being cracked through and therefore unable to act as ties. These cracks are close shut. Keep under observation

N.W. TRANSEPT Godfrey survey 21 April 1971 DRc/DE/209
E. arch (at low level). One stone missing from inner order in S. half of arch. Keep under observation
Arch above John Parr memorial we took off a large piece of plaster make-up from the label. Keep under observation

TREASURY Godfrey survey 21 April 1971 DRc/DE/209
Crack in W. wall has opened a little. Fix tell tale and observe

1 9 7 2

CHAPTER ROOM doorway 20 January 1972 DRc/DE/209/VII(b)
Estimate: Nitromors, poultice and wash surface of door surround by Sepiolite method

21 January 1972 DRc/DE/209/VII(a)
Following John Ashurst's (Department of Environment, Ancient Monuments Branch) endorsement of sepiolite method of cleaning, obaining estimate from Norman Burt for cost of treating whole.

CHOIR 21 January 1972 DRc/E/209/VII(a)
S. Clerestory windows damaged panels to be dealt with. Goddard & Gibbs.

CHAPTER ROOM doorway 24 January 1972 DRc/Ac/
Chapter discussed question of its repair. Mr. Godfrey reported experiments made by V. & A. and B.M. which had discovered method of getting sulphate out of stonework, and trials using this method on a small piece of doorway had proved satisfactory. After this treatment would be possible to keep the stonework in a satisfactory condition with just a yearly washing. Cost of all treatment unlikely to exceed £1000..approach for financial help to be made to Pilgrim Trust.

N.W. TRANSEPT 24 January 1972 DRc/Ac/
Cleaning estimated by architect would cost approx. £3500, asked to arrange to be done..

MEMORIAL in Jesus Chapel 24 January 1972 DRc/Ac/
Architect asked to investigate question of moving from present position over Altar to N.wall

N.W TRANSEPT chair store 12 February-August 1972 DRc/DE/209/VII(h)
Construction correspondence; archaeological dig in graveyard prior to work (k, l) 3 chalk lined graves only found.

N.W. TRANSEPT 16 February 1972 DRc/DE/209/VII(bd)
Estimate for redecorating £5611

CHAPTER ROOM doorway 19 February 1972 DRc/DE/209/VII(a)
Estimate full treatment Norman & Burt: £2000

11 March 1972 DRc/DE/VII(a)
Precis: British Museum laboratory tests: no evidence earlier preservation used, but composition of skin seriously altered by sulphur dioxide in air, and now contained sufficient calcium sulphate to cause scaling. Recommend Sepiolite cleaning.

11 March 1972 DRc/DE/209/VII(g)
Godfrey report: application poultices Sepiolite (magnesium silicate) & de-ionised water induces suction as water evaporates, used on marble sculptures B.M. & V.& A. est. cost 2 coats £2100
Doorway marred by look of stone; suface become overhard, flaking from friable layer beneath, fear finer points sculpture being destroyed. Suspected hardening resulted some previous

treatment..problems: preserve stonework, removal iron cramps. Abandoned proposal dismantle doorway, greater risk damage than breakage from rusting within. Propose: Clean, remove injurious salts; trial Sepiolite encouraging; J. Ashhurst of Ancient Mon. & Hist. Bldgs. recommends Sepiolite straight away, possibly all that might be necessary. (Pilgrims Trust grant £2000 9.5.72)

LIGHTING 20 March 1972 DRc/Ac/
Shades to be put on lights in Quire Transepts to Architect's specification

NAVE pavement 24 April 1972 DRc/Ac/
Clerk instructed to seek advice from Architect on condition flag stones in Nave

FUNERALS 24 April 1972 DRc/Ac/
Cost with music: use of Cathedral, organ, £10: succentor, choristers, lay clerks, vergers and cleaners: £32
Without music hymns only £5; succentor, vergers, cleaners £7.50.

CHAPTER ROOM doorway restoration 22 May 1972 DRc/Ac/
Dean reported £2000 grant received from Pilgrim Trust

N.W. TRANSEPT 22 May 1972 DRc/Ac/
Archdecon offered give a chandelier for N.W. Transept memory his parents; agreed design and possible second one for S.W. Transept be discussed with Mr. Godfrey.

S.E. TRANSEPT St.Peter's Chapel 27 May 1972 DRc/De/209/VII(c)
Godfrey to Whitehead, builder: clean down friable stonework, half dozen applications limewater; difficult to obtain knob lime now Bluebell Hill kilns closed; Norman & Burt had success with ready made limewash: Barnet Lime Co., S. Mimms, 'Hybrite'

N.W. TRANSEPT chair store 7 June 1972 DRc/De/209/VII(m)
C.A.C. to D.& C.: no hesitation approving proposal to go through medieval bench to form doorway; indeed medieval builders done so to form N. door; arch proposed by Mr. Godfrey immensely suitable; brass tablet there be moved: consider elegant and satisfactory solution.

LADY CHAPEL 22 June 1972, DRc/DE/209/VII(a)
Clerk to architect: one of tablets on S. wall came loose, had to take it down..some years ago another on same wall came loose - wonder if signs of movement

NAVE S. Aisle windows 3 July 1972 DRc/DE/209/VII(a)
Certificate issued to Norman & Burt.

N.W. TRANSEPT chair store 3 July 1972 DRc/DE/209/VII(a)
Commencement of work Norman & Burt.
(Note: all correspondence removed from file 3.2.90 for Martin Caroe)

N.W. TRANSEPT ceiling 24 July 1972 DRc/DE/209/VII(t)
Godfrey to Dimes: small piece of stone taken from a vault rib..more

hard than normal Reigate type firestone, although moulded, ?Kentish rag

N W. TRANSEPT decoration 29 July 1972 DRc/DE/209/VI(b)
Architect's site visit 1:
Vaulting: plaster in fair condition: samples taken for submission BRS to determine nature of ochre coating
Purbeck marble covered with wax like material removable by white spirit or possibly radiant heat. Experiments for method to be used for cleaning
Vaulting: no traces of medieval painting likely to be found beneath present paint and plaster
Bosses: colour to be used Cryla by Rowney
Principles: vaulting between ribs to be limewashed: ribs to be left as natural stone, etc.
Defects in stonework: roll mould of rib W. of 1st free boss from S.: 3' removed remainder sound; 2 ribs of this boss stone cracks of long standing: skew dowel as precaution; wall rib N. end large spall to be removed.

N.TRANSEPT VAULT report 29 July 1972 DRc/DE/209/VII
C. Rouse, conservator: Main work of transept well-developed 13th century but vault, and in particular foliate bosses may be later. Plastering presents some curious features; considerable admixture of hair, colour of plaster unusually white for medieval work; hair does not generally appear before 1500 or so. One or two places thin coat of limewash runs under the plaster layer, suggesting that plastering itself may well be 17th or 18th century; removed surface in several places, no trace of colour or any older surface beneath. At some time masonry lines been drawn in pencil over this surface and on exposed stonework of vault web where exposed by plaster failure; must obviously be very late feature. No attempt ever made to paint them, and not in every compartment. Whole surface been coated with dark toned beeswax, which has run into plaster failures, both unsightly and will prevent limewashing. Can be removed from some of ribs fairly easily, but not elsewhere.
Treatment: essential to remove wax entirely. Suggest painting Nitromors..stippling action to disturb surface. Should enable wax to be removed with cotton wool swabs of white spirit, but asno paintings involved treatment can be fairly drastic. Final cleansing essential, acetone or mixed with white spirit. If wax in hollows diffiult to remove, suggest replastering such areas. Vault excluding ribs and bosses can then be limewashed.
Ribs and bosses: do not recommend colouring stone ribs after cleaning. Bosses should be fully coloured and gilt. Notes were taken of existig colours (I think 17th century) and some modification on lines discussed. Would prefer use of a Cryla Colour (water vehicle light emulsion by Rowneys) rather than oil on stonework.

N.W. TRANSEPT decoration 3 August 1972 DRc/DE/209/VII(b)
Site visit 2: Little success in removing waxy application from webs of vaulting.
Crack: N.E. corner clerestory E. wall. Long standing, not significant. Tell tale to be fixed

Corbel: E. Clerestory: not structurally significant; precaution necessary to prevent parts detaching. Delta plate to be fixed to underside bolted vertically through top of it.
Tie rods: clerestory shafts: to be overhaulted replace missing with Delta rods

DEAN CRICK MEMORIAL 7 August 1972 DRc/DE/209/VII(t)
Purbeck marble ledge; Sculptor Charles Lewis; drawings (y-z)

N.W. TRANSEPT decoration 12 August 1972 DRc/DE/209/VII(b)
Site visit 3: washing by spray started.
Webs: method not yet found removing wax-like surface decided to paint over it. BRS reported not in fact wax not yet established what: if possible to prepare for limewash would prefer BRS to investigate.
Bosses: note of existing colouring complete; removal of paint therefore to proceed.

16 August 1972 DRc/DE/209/IX(x-z)
F.G. Dimes, Geol. Museum to Godfrey: ..small piece stone taken from vault rib..compared by eye and binocular microscope..matches closely colour, mineral content, grain size 'firestone' or 'malmstone', a pale, fine grained calcareous sandstone..up to 40% fragmental colloidal suture with a little glauconite and mica; from Upper Greensand; Cretaceous. Once used extensively, ie old London Bridge (1176), rebuilding Westminster Abbey (1252), Hampton Court (1520)..In fourteenth century quarries so important worked exclusively for Crown; use prohibited except for royal or ecclesiastical buildings. Not very durable, soft, easily dug, hardens on exposure to air. Found near Merstham, Reigate, Gatton, Godsone. Have on record that Caen, Chilmark and Weldon stones were used for repairs in 1892..

18 August 1972 DRc/DE/209/VII(b)
Purbeck shafts - removal of wax: wood scraper recommended.

Site visit 4 26 August 1972 DRc/DE/209/VII(b)
Washing vaulting and clerestoreys completed. Carved heads cleaned Sepiolite method; 2 cracks at springing of vaulting ribs E. wall examined in front roll moulding; Precaution: northern case, roll to be stitch dowelled through fillet into sound stone; southern crack considered secure.
Chalk vaulting: where spalled, depth of each affected block to be ascertained; if firm bearing could remain - otherwise new blocks to be let in from above; each case on merits. No attempt to be made to make up patches which had spalled. Ensure no insecure pieces left in vaulting.
Boss: Boring for chandelier cable at central boss; 1" hole internal dia...directions
Ribs: different coloured stone. When stones dried out colours in vault ribs would not be sufficiently different to warrant camouflage. Dark joints and cement make up would be camouflaged in lime.
Shafts: Purbeck - rub up existing waxed marble and camouflage patching with matching colour
Webs: limewash would not be used after repairing chalk and

plasterwork; one coat white Sandtex stabilizer.
Spandrels: above clerestory arches: Sandtex to match stone as nearly as possible
Limewash: extent within clerstorey and triforium demarcated. Main east wall to be washed: objective to avoid having to limewash any main interior wall faces.

Site visit 5 2 September 1972 DRc/DE/209/VII(b)
Vaulting: one coat stabilizer 1 coat white Sandtex aplied to all webs; vault bosses: clouring to be determined.

Report on roof from Mr. Rouse received 25 September 1972 DRc/Ac/

BELLS 25 September 1972 DRc/Ac/
Clerk to arrange for bells to be overhauled.

CLOCK 25 September 1972 DRc/Ac/
Clerk to arrange for chimes to be put in order

N.W. TRANSEPT chair store 28 September 1972 DRc/DE/209/VII/(y-z)
Correspondence

NAVE N. Aisle window 2 October 1972 DRc/De/209/VII(a)
Dean to architect: request for advice on artist to design stained glass for 3rd from W. end. Local authority anxious to commemorate association of City with Cathedral. Godfrey: recommend Carl Edwards, won competition at Temple Church.

CHAPTER ROOM doorway 26 October 1972 DRc/DE/209/VII(a)
Message: Chapter Clerk: very concerned...lot of stone surface appears to be coming away. Visited by Canon and stone masons considered all right - as expected, some of stone not as good condition as rest.

CLOCK 30 October 1972 DRc/Ac/
Gillett & Johnston investigating failure in chimes

BELLS 30 October 1972 DRc/Ac/
John Taylor & Co. instructed to visit

N.W. TRANSEPT 5 November 1972 DRc/DE/209/VII(k,l)
A. Harris of K.A.S.: findings below Scott's refacing consists re-used material mostly tufa..presumably from demolished Norman transepts, could be rebuilding c.1250..present transept on lines of Norman predecessor, originally pilaster type buttress NW corner - photographed.

CLOCK 27 November 1972 DRc/Ac/
Estimate £134 Gillett & Johnston for overhauling, repairing chimes; accepted.

BURIALS 27 November 1972 DRc/Ac/
Question of re-interment of bones excavated from chair store site

discussed; agreed to ask advice of Norman & Burt's foreman as to most suitable place for this.

CATHEDRAL PLATE replica candlesticks 18 December 1972 DRc/Ac/

1 9 7 3

S.W. TRANSEPT 22 January 1973 DRc/Ac
Internal and external work shall be carried out during the present year.

CHAPTER ROOM doorway January 1973 DRc/DE/209/VIII(r)
Correspondence re further methods preservation

HEATING correspondence re humidifiers 1973 DRc/DE/209/VII(n,p.q)

CATHEDRAL PLATE 22 January 1973 DRc/Ac/
Vanpoulles estimate £560 accepted for manufacture replica High Altar candlesticks if Friends agreed meet cost.

PRECINCT Catalpa tree 22 January 1973 DRc/Ac/
Tree Preservation Order received for tree opposite W. Front.

S.W. TRANSEPT 13 February 1973 DRc/DE/209/VIII(k)
Canon Gripper-Godfrey: go ahead with cleaning outside straightaway. Inspected memorial behind Jesus Chapel altar, agreed after cleaning replace elsewhere. Memorial (brass cross on mauve background) in S. Trans. which you particularly dislike fallen down, rusted clamps, would be convenient if we could lose it..

Site meeting notes 2 March 1973 DRc/DE/209/VIII(1)
Advice to be given by C. Rouse on remains of wall paintings E. wall

N.W. TRANSEPT site meeting notes 2 March 1973 DRc/DE/209/VIII(1)
Limewashing to be completed. Memorial E. wall resite E. bay S. wall; restore cima moulding

PRECINCT cloister lavatorium 2 March 1973 DRc/DE/209/VIII(1)
Repair to within £500

S.W. TRANSEPT 12 March 1973 DRc/Ac/
Friends had agreed contribute £6000 toward necessary work on interior; that on the exterior estimated £7000 would be defrayed from Fabric Fund.

BELLS 12 March 1973 DRc/Ac/
Work to bells used up whole of Bells Fund; Chapter unable deal with repairs to clappers at present time.

CLOCK 12 March 1973 DRc/Ac/
Gillett & Johnston estimate £20 repair of chimes pull-off wires approved; striking of hours not as loud as chimes to be remedied.

N.W. TRANSEPT site meeting notes 26 March 1973 DRc/DE/209/VIII(1)
Norman & Burt: limits of limewashing delineated: exception of jambs and soffite of arch into E. chapel to remain as stone. Leave all moulded stone and Purbeck as is; leave all stone work on line of main face of interior walls as stone; limewash all recesses finishing at first arriss..

S.E. TRANSEPT site meeting notes 26 March 1973 DRc/DE/209/VIII(1)
Norman & Burt: Memorial ledger to Dean Crick: fix ledger so inscription reads from west as approach Chapter Room, opposite normal practice. Mediaeval mosaic paving: loose tiles in surviving small area at west side: take up and relay

NAVE S. AISLE external wall 19 April 1973 DRc/DE/209/VIII(1)
Chimney brickwork to be repaired; new 11" pot set in. Only structurally unsound stone to be removed; sound pointing in ashlar work to remain; loose or open joints refill. All strap pointing in rubble work to be removed, rake joints deeply for new pointing.

N.W.TRANSEPT chair store 25 April 1973 DRc/DE/209/VIII(1)
Completed and in use

N.W. and S.W. TRANSEPTS exterior 25 April 1973 DRc/DE/209/VIII(1)
Site meeting notes: work now complete. **Santobrite** to be used where moss and algae discolouring stonework.

NORMAN & BURT stonemasons 25 May 1973 DRc/DE/209/VIII(k)
Gripper: sorry to hear going out of business and cannot do S.Trans.interior

S.W.TRANSEPT 16 August 1973 DRc/DE/209/VIII/(k)
S. wall: sketch in section, stones numbered

ORGAN August 1973 DRc/DE/209/VIII(k)
Correspondence re humidification

S.W. TRANSEPT paintings 13 September 1973 DRc/DE/209/VIII(t)
C. Rouse: report on extensive area E. wall: greater part as recorded by Prof. Tristram still survives, so dirty and obscured by cobwebs makes virtually invisible from ground; is capable of cleaning. Inner surface of arch no evidence of painting; can limewash. On narrow soffit of arch consisting deep green ground with two roundels at base: possibly buds or mammals,favourite decoration 14th century. Recommend painting vaulting white as, since stone vault, clearly intended; favour painting ribs some polychrome decoration, certainly colouring carved bosses as in N. Transept. Estimate £1000

CHOIR paintings 13 September 1973 DRc/DE/209/VIII(t)
C. Rouse report: west wall organ screen backing Dean's and Canons' stalls remains mediaeval painted boards whose later decoration was reproduced on north and south blank walls; signs of increasing failure where gesso ground lifting from wood surface causing paint to blister and flake; very heavy repainting here, conservation will not be easy. N. and S. walls Victorian oil paint could be cleaned

simple method. Wheel of Fortune: basically sound, heavily waxed, slight failure bottom left hand corner.

PENNELLS & SPOONER stonemasons 15 September 1973 DRc/DE/209/VIII(k)
Ex employees of Norman and Burt to do the work.

BURIALS 24 September 1973 DRc/Ac/
Allocation agreed portion of Cemetery for interment of ashes, subject to provision only small stone 9x9" not projecting above ground..

S.W. TRANSEPT 15 October 1973 DRc/DE/209/VIII(1)
Pennells & Spooner undertaken to do internal renovation. C. Rouse to use their scaffolding to treat wall paintings E. wall; a painting firm will do vaults.

ORGAN small, sale agreed 22 October 1973 DRc/Ac/

S.W. TRANSEPT vaults 12 November 1973 DRc/DE/209/VIII(Mc)
Painting specification, estimate.
Clean and varnish previously stained roof; size and gild 23 carat gold leaf roll member and lower ogee of timber ribs; pick out 6 no. roof bosses in traditional colours, gild highlights; filling holes in timber vault

NAVE chandeliers 12 November 1973 DRc/DE/209/VIII(Mc)
Estimate: size and gild outer edge rims 8 no. in Nave, 2 no. N. Aisle

S.W. TRANSEPT 26 November 1973 DRc/Ac/
Dean report cleaning and repair exterior completed.

SOUND AMPLIFICATION 26 November 1973 DRc/Ac/
£1200 expended on improvement

1 9 7 4

BUILDER'S STATEMENT Contract 6 Jan.1972 Jan. 1974 DRc/DE/209/IX(m)
Norman & Burt:
a) interior restoration N.W. Transept £3432
b) Restoration Chapter Room doorway £524
c) Sundry during restoration N. Transept, repair, stone paving, steps, lime washing Chancel roof, etc. & its repair £1103
d) Construction new chair store £7508
e) External restoration S.W. Transept

S.W. TRANSEPT 18 January 1974 DRc/DE/209/IX(1)
Norman & Burt: specification: washing, repair, restoration internal stonework same as work in N.W. Transept of 1972. Differences: vaulting is wood, painting and embellishement to be undertaken by specialists; paintings E. wall treated by specialists.
East wall paintings 30 January 1974 DRc/DE/209/VI
Visit by E.C. Rouse to assess and inspect work done on cleaning remains of important wall painting surviving in former Lady Chapel.

Discussion on procedure with Mr. Godfrey and Miss A. Ballantyne. Discussed also cleaning monuments, conservation heraldry, treatment of vault, bosses and ribs.

REPORT wall paintings February 1974 DRc/DE/209/IX(t)
Position assessed: results disappointing, little actual pigment survives; setting and details almost of whole scheme can be made out. One of great elaboration and skill, should not be obscured. **[see Prof. Tristram Arch.Cant. XXIII 297 (1898)].** (Apart from minor discrepances otherwise entirely reliable). Condition of wall and painting curious; after removal 50 years dirt, surface very yellow. May be due use egg fixative by Prof.Tristram. Design not set out by scribing in plaster as he says, but outlines of architectural setting and main elements of figures show up white where pigment has perished down to base white lime plaster. Where colour survives mainly green, black, with little red outline. More colour in lower register of composition as shown earlier by experimental cleaning of figure of donor on south side.

Method of treatment: Whole wall must be cleaned meticulously. Four alternatives: (i) ignore painting and limewash over (ii) attempt to show main elements by putting toned limewash on background areas, difficult, complex (iii) go over surviving lines with pale black and red outline (iv) accept situation, make best of wall, rendering as acceptable as possible; last alternative strongly urged. Wall can be made presentable, cracks filled, surrounding stonework cleaned, recent repairs covered with toning limewash.

CHANDELIERS 8 February 1974 DRc/DE/209/IX(r)
Correspondence, fabrication etc.

S.W. TRANSEPT 11 February 1974 DRc/DE/209/IX(m)
Godfrey to Campbell Smith: confirm instructions accordance your estimate 12.11.73: painting £825, prov. sum preventing draught through holes in vaulting £20. Scrim for making backs of ribs airtight with plaster: builders agreed to work from above whilst you work underneath simultaneously.

PRECINCT Frater door, lavatorium 16 February 1974 DRc/DE/209/IX(l)
Godfrey to Dean: Proposal to open front archway, block end opening: est. £400; could open up walling and put in rubble relieving arch to part of recess which is interesting and finish underneath with brick (or tile). Hope whole of lavatory eventually could be restored. Relieving arch now poposed could remain while second phase done and properly moulded dressed stone substituted for brick. Provide wrought iron gate to steps.
Dean to Godfrey: Friends delighted with plan for opening.

S.W. TRANSEPT wall paintings 25 February 1974 DRc/Ac/
Accept E.C. Rouse's recommendation for treatment: 'to accept situation as it is, make best of wall, rendering it as acceptable as possible to tone in with rest of work and preserve what remains of painted scheme'.

PRECINCT 25 February 1974 DRc/Ac/
Agree architect's proposal for renovation 13th century lavatory in Frater; accept Friends offer meet cost.

CHOIR wall paintings 9 March 1974 DRc/DE/209/IX(t)
Dean confirms first aid repair should be done

ARCHIVES Chapter papers 1 April 1974 DRc/Ac/
Agreed to deposit temporarily in Strongroom and to be catalogued.
[£10 paid for cataloguing 23.12.74]

S.W. TRANSEPT wall paintings 5 April 1974 DRc/DE/209/VI
Account submitted by E.C. Rouse for: completion work uncovering, cleaning, conservation, remains of 14th century painting on east wall, toning out defective areas; cleaning some monuments and their heraldry, advice on colouring roof bosses (conclusively proved to be medieval).

CHOIR Screen 5 April 1974 DRc/DE/209/VI
Account submitted by E.C. Rouse: emergency work: securing worst of flakes and blisters on old timbers below organ screen on N.W. side; Bedacryl injection used and areas then ironed down with a heated spatula. Some methacrylate still remains on some surfaces, which will be removed in final treatment.

S.W. TRANSEPT 31 May 1974 DRc/DE/299/IX(m)
Campbell Smith & Co. gilding, painting 6 no. bosses £60; repairs to open joists in roof £80; decoration of vaulting £905

S.W. TRAMSEPT 30 May 1974 DRc/DE/209/IX(m)
Godfrey to Pennells & Spooner: small fall of stone thought from vault springing S.W. corner of S. Transept.

S.W. TRANSEPT & CHOIR wall paintings 4 June 1974 DRc/DE/209/IX(t)
E.C. Rouse, account: cleaning, conserving wall paintings E. wall S. Transept, advice re-colouring roof bosses, cleaning of heraldry and some monuments, tests on painted decoration Choir walls £700

IRONWORK to main doors 5 July 1974 DRc/DE/209/IX(l)
Archdeacon: examined 4 main doors: ironwork begun rusting badly: advice

S.W. TRANSEPT 11 July 1974 DRc/DE/209/IX(l)
Pennells & Spooner and Campbell Smith: work on interior
Clive Rouse restoration wall paintings.
Architect's professional fees. Introduction V.A.T. £6204

12 July 1974 DRc/DE/209/IX(n)
Godfrey to Campbell Smith: ..in view of fact vaulting was plain oak and not painted, and that it is actually a transformation, I suggest Excise would accept it as 'improvement' and VAT need not be charged

S.W. TRANSEPT E. wall 31 July 1974 DRc/Ac/
To E.Clive Rouse £700

BISHOP MANN MEMORIAL LEDGER 13 November 1974 DRc/DE/209/IX(m)
Carving Portland stone commencing

E.END high roofs 13 November 1974 DRc/DE/209/IX(1)
Architect to Dean: re Whymans paper: interesting to see advocacy of restoring high roofs eastern arm (est. £2000 1874). How I wish it had been done .. long for this most important improvement which in 1963 I suggested might cost £10,000, now probably well over £70,000.

ROOF SLATES 5 December 1974 DRc/DE/209/IX(x-z)
Broughton Moor Green Slate Quarries..samples of your green slate fair match, though Rochester's more texture of Delabole.
11 December 1974 DRc/DE/209/IX(1)
Replacements from Broughton Moor ordered

BISHOP MANN Memorial dedication 14 December 1974 DRc/DE/209/IX(1)
Designed: C. Lewis.

1975

PRECINCT lavatorium 3 January 1975 DRc/DE/209/IX(1)
Possibly be best leave wall in front intact, clean and repair existing arch and put in iron gate to prevent access

CANDLESTICKS stolen 25 January 1975 DRc/DE/209/IX(1)
St. Michael's Chapel: silver, commissioned in 1955; Michael Murray to price replacement same pattern.

NAVE LECTERN, STALLS ETC. 21 February 1975 DRc/DE/209/IX(1,o)

SPIRE 3 March 1975 DRc/Ac
Leaks reported by bellringers to be investigated.

SPIRE 13 March 1975 DRc/DE/209/IX(1)
Clerk to Arch.: leak somewhere above clock face s. side; water getting into ringing chamber; ringers offered repair bell frame: do you think they are capable?

DEAN CRICK MEMORIAL Standards 10 April 1975 DRc/DE/209/IX(1)
Correspondence Naval dockyard re fabrication.
Archdeacon to Clerk..of course I love brass, favourite metal, but there is a policy of not having brass in Nave, might have to be bronze plated later..lets have them in Cathedral and see how they look.

ROOF SLATES 12 June 1975 DRc/DE/209/IX(x-z)
Stirling & Johnson, Cuckfield to Godfrey:..wonder if slates on existing are in fact Westmoreland, sizes 60x30" and 50x25" very unusual for this slate. Could they be Burlington? I have never seen such sizes..

FABRIC Agreed following work be put in hand 8 July 1975 DRc/Ac/
Repair and repainting iron gates in front of W. door
Rewedging wooden strip covers on Pilgrim steps
Extension of hand rail on N. side of steps leading to Crypt
Provision of iron gate in lavatorium located S. wall Garth

S.E. TRANSEPT roof 20 August 1975 DRc/De/209/IX(1)
Clerk to Arch.: to board area from which tiles removed; large stock available from demolished St. Peter of same period as those in Cathedral; could obtain samples.

Cracks in tiled pavement Aug. 1975 DRc/DE/209/IX(1)
Three separate cracks heard during Evensong and tiles in transept blew up scattering the chairs. First fear that foundation of whole building giving way; as a Saturday decided to have all services in nave on Sunday, not use organ nor bells. Architect and Structural Engineer came post haste; decided building itself in no danger and extreme heat had caused tiles to burst.

S.E. Transept plavement tiling 28 August 1975 DRc/DE/209/IX/(r)
Carter Contracting: all loose tiles removed for safe keeping. Those fractured taped together for re-assembly prior refixing, exception those spalled beyond repair. Remaining red, black and lozenge shaped tiles to south of patterned section adjoining crossing will be loose enough and capable of being lifted so that when relaid with slightly increased joint, at least one course of lozenge shaped tiles can be saved making allowance for necessary repairs near to the crossing and breakages beyond recovery. Taped broken tiles propose should be re assembled using expoxy resin. Some rectangular pattern tiles also broken and flaked but we reovered a number of these small pieces and believe can repair similarly. On completion repairs would propose take off any excrescences on surface of original tile bed and relay in a thin bed solution of cement adhesive or rubber based adhesive which would remain slightly flexible and provide resilience against future surface movement. Choice of adhesive to defer until discussed with Building Adhesives Ltd. sent tiles for analysis to detect moisture movement, theory tiles subject to to salt expansion.
Chancel: tiles close to chancel step considerable number noted broken possibly beyond repair, also edges of stone paving covering remainder of S.Transept spalled; doubtless can be made good cement pointing.

5 September 1975 DRc/DE/209/IX/(r)
Carter Contracting agreed take record of contours and levels using water level, strike datum on building in which existingpiece ofpavement shows. Levlling, cleaning, skrimming down.

Presbytery 8 September 1975 DRc/DE/209/IX(1)
Tiling has also shifted

Building Adhesives Ltd. 3 October 1975 DRc/De/209/IX(r)
Origin of tile sent me: manufactured by William Godwin of Hereford (b. 1813-83) specialist church pavements; tests reveal moisture expansion O.08% very much higher than would anticipate getting from a modern tile; high level of moisture expansion, perhaps coupled with bedding in rich mix expect to produce considerable stress in system, accounts for explosive nature of failure.

19 November 1975 DRc/DE/209/IX(r)
Carter Contracting: have concluded should employ specialist contractor to cut out joints using wet process to avoid dust. Propose these joints be cut below step to altar surround level, above and below Presbytery step which displaced, to E-W cuts here, above steps from Choir, two E-W cuts across Choir Transept on N. side central area and other joints cut out at sides of this section and around main columns of central crossing. Propose cutting out and re setting stone step providing short make up piece adjacent to column to compensate for existing damage and any reduction length which may become necessary through movement, lift and relay tiling immediaely adjacent above this step and above steps from Choir to average width 2'. Allowed for proviision of additional tiles to make up as nearly matching as possible, joints finished compressible seal.

SLATES for repair 17 September 1975 DRc/DE/209/IX(l)
Clerk to Godfrey: visited Delabole quarry: quotations

S.W. TRANSEPT 20 October 1975 DRc/DE/209/IX(m)
Godfrey to Pennell & Spooner: limewashing to be gone over on S. wall only

CHANDELIERS 30 October 1975 DRc/DE/209/IX(k)
Support beams in situ in N.W. and S.W. Transepts: 2 9"x3" joists in centre trusses. Correspondence re installation and inscriptions, final account, offer of funds..(1)

NAVE brass standards correspondence October 1975 DRc/DE/209/IX(l)
4 no. fabricated Naval Dockyard

DEAN'S REPORT 24 November 1975 DRc/Ac/
Work required by last quinquennial survey completed and on eve of new survey. Work on interior S. Nave transept completed by painting wall. Extraordinary eruption of tiles in S.Quire transept thought due to excessive heat in summer; repair work to start mid January. Tiles so closely packed that presssure had to be relieved in presbytry and N. transept also.
Dean Crick Memorial posts for ropes in nave: Port Admiral had arranged be done by Dockyard Apprentices, charging for materials only
Vandals had damaged railings and wall on the south side Nave

CRYPT 8 December 1975 DRc/DE/209/IX(l)
Suggestion railings stored in Gundulph Tower be erected between pillars N. side St. Michael's Chapel.

FLOOR TILING 30 December 1975 DRc/DE/209/IX(l)
Godfrey to Dean: Estimate £3800. Hope you will undertake the lot now while skilled men are on job and gaining experience on it.

1 9 7 6

S.E. TRANSEPT floor tiles 26 January 1976 DRc/Ac
Agreed work be completed in accordance instructions by architect.

Invoice 26 March 1976 DRc/DE/209/IX(s)
£3164...salvage and repair existing tiles and provision of near matching replacements where necessary

NAVE lectern 20 March 1976 DRc/DE/209/IX(l)
Inspected at Chudleigh by Friend; considered suitable to go with Cottingham pulpit.

FURNITURE large carpet 29 March 1976 DRc/Ac/
Received from Archdeacon; agreed should be placed in Lady Chapel.

NAVE lectern 29 March 1976 DRc/Ac/
Archdeacon inspected at Chudleigh. To negotiate acquisition

BELLS 26 April 1976 DRc/Ac/
To repaint bell frame: Lawson Medway Ltd.: £80

FLOOR TILING Theories 21 May 1976 DRc/DE/209/IX(s)
Godfrey to Carter: original view, expansion of tiling due to abnormal heat of Crypt being overheated just prior to event by lighting for television programme, contributed by less loss of heat downwards. Abnormally high moisture expansion property in this tile also in Presbytery where signs of pressure on stone steps shows expansion of tiling had exerted over the years. Mr. Norris seemed inclined to view movement in the bed similar to heave which occurs in new concrete buildings.

SMALL WORKS 21 May 1976 DRc/DE/209/IX(1)
Pennells & Spooner: repair tombstone £10.4s.; re-set stone cap to gate pier £12.7s.; fix Nave altar standards £36

FLOOR TILING 21 May 1976 DRc/De/209/IX(1)
Carter & Co. to assess cost of:
a) Sanctuary: cut out 2 joints, make good tiling in manner similar to Presbytery work already done £500 as precaution
b) N.E. Transept: old mosaic at entry St. John's Chapel: clean off mortar filling, find and cut in suitable mosaic in tiling to match existing, clean out joints, re-grout; take up tiling and re-lay.

NAVE lectern 28 June 1976 DRc/Ac/
Agreed pay £100 to Chudleigh

DEAN CRICK MEMORIAL STANDARDS June 1976 DRc/DE/209/IX(1)
Dedicated

PRESBYTERY tile floor 7 October 1976 DRc/DE/209/IX(s)
Norris to Godfrey: Movement and clear sign of substantial expansion of Presbytery tiling as compared with structure, causing as it did rupture and tilting of stone step, shows all of tiling, including N. an S. Transept under extreme compression at all times. Presbytery floor had chance to expand in one direction and has done so, elsewhere no opportunity..further theory that the heat may have by expansion increased height of columns supporting floor or springing of vaulting, slightly lifting centre of floor outside of which restrained by masonry above..if convex any increased presure cause immediate eruption.

CHAPTER ROOM doorway 6 September 1976 DRc/DE/209/IX(x-z)
P.J. Tester, Diocesan Arch. Consultant:..if someone doesn't soon do something about the crumbling carved stonework there will be nothing to study. Needs very careful cleaning and consolidation.

TREASURY 29 October 1976 DRc/DE/209/IX(1)
Chapter Clerk to Godfrey: very bad crack in plaster.
Godfrey: not new, sort of thing should include in programme of of monitoring movement in the building

1 9 7 7

CHOIR S. AISLE roof 15 January 1977 DRc/DE/209/IX(m)
Godfrey to Kentish Builders: severe leak developed during rain and thawing snow above western half of southern of 2 black Pratt family ledger stones in floor of aisle: drips 1' from S. edge 2'2" western edge; please inspect and cure, include while your plumbers are there: E. jamb westernmost window Choir clerestory cover crack, defective flashings, valleys..

CHOIR PAVEMENT tiles 19 January 1977 DRc/DE/209/IX(1)
Carters Contracting final account £3164

EXTERNAL STONEWORK 24 February 1977 DRc/DE/209/IX(1)
Clerk to Godfrey: Chapter agreed phase II schedule washing and repair Presbytery S. side, £400. Godfrey to Clerk: formal instructions given Pennells & Spooner. Hope they will be chosen to do the 2 clerestory bays of Nave if done; asked them reserve time £2000 more work.

PRECINCT Prior's Gate 22 March 1977 DRc/Ac/
Approach to be made to Depart. Ancient Monuments to assist repairs and maintenance of this building and mediaeval walls

ROOFS 23 March 1977 DRc/DE/IX(1)
R.S. Kent: repair approx. 20 no. cracks and indents in lead roofs and vallies. Refix lead soakers leading off bell tower; overhaul and repair slate roofs. £83

S.E. TRANSEPT external stonework 17 August 1977 DRc/DE/209/IX(1)
Pennell & Spooner ordered to start Phase II washing and repair programme, during which decision will be made Phase I and III

GUNDULPH TOWER 26 September 1977 DRc/Ac/
State of wall in choir practice room requires stabilisation of mortar.

S.E. TRAMSEPT site meeting 1 28 September 1977 DRc/DE/209/IX(k)
S. front washing commenced. pin 2 large stone spalls on coping gable; knife filling open joints to be done deeply; dog tooth ornaments to be tested for soundness; fine washing must be achieved; treatment against lichen Thaltox Q from Mesrs. Richardson & Starling. Glazing external iron saddlebars extract renew with " sq. bronze

S.E. TRANSEPT site meeting 2 6 October 1977 DRc/DE/209/IX(k)
Washing at clerestory level; discussion repairing these windows on site. Band of stonework containing eroded pockets in ashlar on S. face not to renew; ways out for water to esape to be cut. Top of string course where laminating dress off tofall. Unsettled parapet stones, fill joints deeply. Remove loose dog tooth.

S.E. TRANSEPT gable 10 October 1977 DRc/DE/209/IX(x-z)
Architect to Dimes, Geolog. Museum: ..believe found some original thirteenth century work under Cottingham's refacing of 1830, ?Caen

Geol.Museum to architect: no hesitation, yes. French limestone from Caen, Calvados, Brittany. No direct equivalent in this country

CHAPTER ROOM doorway 14 October 1977 DRC/DE/209/IX(l)
Godfrey to Clerk: Informed Dean on 9 May had told Pilgrim's Trust all looking well after poulticing, bit more to do, would continue unless John Ashurst came up with deep impregnation method which national museums might adopt for their stone objects; not intention C.R. doorway be subject of experimemt. Cost poulticing £524

S.E. TRANSEPT walls washing 19 October 1977 DRc/De/209/IX(m)
Message from R. Spooner: progress still slow; top nicely dried out; ready for Thaltox which he is getting.

OLD VESTRY 25 October 1977 DRc/DE/209/IX(l)
Ian Stewart: enclose sketches alternative schemes door and screen incorporating small desk (sketches not survived).
Of 3 quotations making glazed screen and desk, Pennells & Spooner cheapest. Supply and deliver. Rec. oak. Est. accepted £630

N.W. door 15 November 1977 DRc/DE/209/IX(l)
Clerk to Godfrey: request urgent design extension in wood existing porch to form double door system.

S.E. TRANSEPT site meeting 3 9 November 1977 DRc/DE/209/IX(k)
Stonework lengths to be renewed in lower string agreed. Bath renewals in Westwood Ground being coarse grained and reputedly good weathering. S. Clerestory: stanchion bars not renewed. Saddle bars renew 1" sq. bronze. Jambs generally split by rusting.. Westernmost Purbeck lintol, movement in a crack pointed before; to be shored up, joints and crack raked out and filled.

S.E. TRANSEPT site meeting 4 23 November 1977 DRc/De/209/IX(k)
Washing completed. Only Thaltox treatment to complete. Anti pigeon nesting fixed on E. elevation windows. S. elevation: stuubborn stains on lower stages resisted washing, drying out lighter. Westwood Ground stone available from Stone Firms Ltd. approved; sawn block collecting from Bath. S. Clerestory windows.

CLERESTORY SAFETY ROPE 24 November 1977 DRc/DE/209/IX(x-z)
R.W. Burch, structural engineer's sketches, details

TREASURY 1 December 1977 DRc/DE/209/IX(k)
Goddard & Gibbs: Remove from stone 1 leaded light, supply & fix new tie wires, refix 1" bronze saddle bar No.6 section.

CHOIR S. AISLE December 1977 DRc/DE/209/IX(k)
Proposed glazed screen to shop; correspondence.

FABRIC 19 December 1977 DRc/Ac/
Agreed no further expenditure until report on Quinquennial Survey. Cathedral Architect be requested to meet Chapter January 1978.

CERTIFICATE 3 Pennells & Spooner 25 January 1978 DRc/DE/209/X(a)
Washing pointing external stone repairs £4550
Removal saddle bars, interior repairs jambs windows £1450
Removal repair glazing £683
Overhaul roof flashings, slating £400
Cleaning stabilising interior walling 2nd floor Gundulph Tower £83
Removal leadwork 4 valleys over crossing lesser transepts £1285
Sundries: painting gate, overhauling ventilators, removing strip lights and fixings in clerestory, treatment stonework against algae, netting windows agains pigeons.
Do not include first aid work in spire, rwp from there to S.W. Transept parapet gutter, relaying brick paving SE Transept base

S.CHOIR AISLE Cathedral shop 25 January 1978 DRc/DE/209/X(b)
Quotation: Pennells & Spooner: accept; new glazed oak screen £638

FURNITURE 22 May 1978 DRc/Ac
Sale of Georgian inkstand agreed

S.CHOIR AISLE Cathedral shop 8 June 1978 DRc/DE/209/X(b)
Pennells & Spooner: Final certificate: new screen & door to shop store £933

PENNELL & SPOONER Builders 8 June 1978 DRc/DE/209/X(b)
Final Cert.4: £3935 Total £9510

WEST END 12 June 1978 DRc/DE/209/X(a)
Clerk to Architect: Friends agreed finance cleaning and painting ironwork. Instruct Bennett Masonry Cleaning proceed air abrasion cleaning and immediate application rust inhibitor. Will then arrange painting

RICHARD WATTS CHARITY 28 June 1978 DRc/DE/209/X(a)
Celebrating 400th anniversary Sept. 1977: possible refurbishment tomb.

WEST END doorway 11 July 1978 DRc/DE/209/X(a)
Godfrey: door is nice but not all that wonderful..heard only last week Gerald Cobb bemoaning loss of its panelled predecessor..but goes well with sculpture around it and does not compete

GUNDULPH TOWER 21 July 1978 DRc/DE/209/X(a)
Canon Baddeley: hope to use middle floor as choir vestry; involve decoration walls, extend floor across small stair well and across open part of tower in between passage way from Cathedral and entrance Vergers kitchen.

RICHARD WATTS CHARITY 4 August 1978 DRc/DE/209/X(a)
Architect: seems to have matured nicely since last done: to make more apple cheeked and coat of arms brighter not entirely desirable

SPIRE 29 August 1978 DRc/DE/209/X(a)
Have arranged J.W. Gray steeplejacks to inspect leadwork. Lot of leaks; new defects small. Instructing Gray to ladder interior to mark points of penetration. Repaint weathervane and ironwork inside; will estimate for permanent eyes facilitate future erection ladders. Instructed proceed with eyes. 11 October: Correspondence with Friends on accounts for work done.

SPIRE 29 August 1978 DRc/DE/209/X(h)
Architect to J.W. Gray: some 25 years ago you overhauled leadwork by trebling number bronze clips securing rolls to structure. Though unorthodox it worked; insepcted 1970, repaired. Subsequently leaks of some magnitude.

S.E. TRANSEPT 30 August 1978 DRc/DE/209/X(b)
Pennell & Spooner: Phase 1 exterior E. wall completed

NAVE arcade 7 September 1978 DRc/DE/209/X(a)
Kindly inspect pillar E. side nave pulpit; one of marble supporting shafts showing signs of movement.

SPIRE 8 September 1978 DRc/DE/209/X(h)
Confirm you are to ladder interior of spire to locate leaks during rain and proceed to remedy them. Repair will include renewal 2 rows of screws which succeeded the covered clout nails in double apron weathering. Renewal of clouts formed part of last overhaul and fixing needs to be improved, most of screws worked loose; ironwork of vane 2 coats paint; ironwork timber structure of spire rust spots cleaned back, brought forward, 1 coat.

W.DOOR Architect's proposals accepted 25 September 1978 DRc/Ac/

NAVE N.Aisle wall externally Godfrey report 9 Oct.1978 DRc/DE/209
This wall, apart from being very dirty and having large proportion of eroded and defective stonework, has several other problems. One is that at W. end it is 14"-15" out of plumb. This gradually decreases toward E. but considerable bulging as well. When opened up looseness of core has been reported, although on whole rings sound to hammer. When renewals carried out area affected should be consolidated; important to keep external surface well pointed and weathertight. Overdrastic renewal may take away historical interest of wall as it could be said was done with the S. face of the wall of St. Nicholas Church opposite, where all the window stonework has been renewed. As Chilmark stone will shortly be available again, which would match in well with the rag and green sandstone of the Aisle, hope that renewal of essential members can be carried out, leaving those that are structurally sound, resulting piecing up not appearing too evident.

Generally: whole wall should be washed. Weak places sought out and whole wall deep pointed. Decision on retention of galleting will be taken at time of work. Sections of label moulding where missing or perished will be renewed. Sections of original Romanesque string

course will be protected from washing and tackled separately by Sepiolite method. Some of string course is very friable and may be case for impregnation.

Galleting makes the joints show up dark in a generally light stonework. (There is a case or original galleting in the ringing Chamber of the Tower, internal walling of which I take to be ancient). There is therefore an historical reason for retaining some but no justification for carefully restoring it where it has disappeared.

Bay 1 (from W) Godfrey report 9 Oct.1978 DRc/DE/209
Top weathering of 1st buttress consists one slab of stone laminating with large iron cramp much swollen with rust. Two rusting iron cramps destroying stone at lower level. Renew stone weathering; remove iron and renew damaged stoneowork.

Bay 2 Godfrey report 9 Oct.1978 DRc/DE/209
Window 1: jambs and arch much eroded. One loose piece of arch to be removed. Sill much cracked (slight crazing within). Internally bed back one small triangle of stone. Externally repair window with as little renewal as possible but new sill and label mould if detail can be established.
Door: section of hood mould breached on right side very eroded on left. Remainder of stonework of doorway apears to be in good order although washing may reveal defects. Renew label mould where most damaged.

Bay 3 Godfrey report 9 Oct.1978 DRc/DE/209
Window 2: Continues to deteriorate in jambs. Mullion made up at every joint; on whole sound; some renewal may be necessary. Take out remains of label and renew to detail
Third buttress: On previous occasion we removed piece of stone from plinth which was capable of being left. Lower stonework requires deep pointing.

Bay 4 Godfrey report 9 Oct.1978 DRc/DE/209
Window 3: is modern, or largely repaired in Portland - may not be deeply bonded in; sill is a thin replacement and cracked in righthand light.
4th buttress: clad thinly with 2½" stone, some we detached previously. Core appears sound.

Bay 5 Godfrey report 9 Oct.1978 DRc/DE/209
Window 4: stone continues to detach from jambs; has rendered sill and on left very broken up and porous. Renew sill; renew label mould. Internally, fill joints of apex and tracery where void of mortar.
5th buttress: top and lower weatherings are laminating. Renew weatherings.

Bay 6: Godfrey report 9 Oct.1978 DRc/DE/209
Window 5: sill badly cracked due to rusting of stanchion bars which are now freed. Inside rusting iron to be extracted from joints of

mullion. Renew sill, label mould; consolidate where tracery slightly displaced. Internally remove spall from mullion.
Romanesque stringcourse is intact in most of bay but very friable.

Bay 7 Godfrey report 9 Oct.1978 DRc/DE/209
7th buttress contains original Caen stone, ragstone capping. Remains here of original intermediate stringcourse. Buttress and string in fair order.
Window 6: some renewal necessary in mullion. Righthand light: tracery slightly displaced. Rusting saddlebars damaging mullion and jamb. Sill laminating. Renew hood mould, take for renewal of some stones in mullion. Top stone diagonally cracked internally much eroded externally. Renew.

Glazing Godfrey report 9 Oct.1978 DRc/DE/209
Overhaul necessary. Extraction of rusted saddlebars and renewal desirable. Scrape and paint existing iron - remove redundant. Take out ventilator from window 3;

NAVE S.Aisle wall externally Godfrey report 9 Oct.1978 DRc/DE/209
Walling of varied stone haphazardly laid except for top ten courses, rainwashed in parts to beautiful colour. Only spoilt by dark emphasis of flint galletted joints. In previous report had hoped these might be removed.
Apart from several bad courses above eastern window, there is a score of deeply eroded ragstones here and there, none gone to greater depth than 3½". Individual consideration required when wall comes to be washed and repaired, particularly renewal of stonework of three windows.

Propose: wash, rake out loose joints deeply, remove loose flint galleting, renew or turn badly eroded stones, refill joints.

NAVE S. Aisle windows Godfrey report 9 Oct.1978 DRc/DE/209
When restored a somewhat unmatching stone was used; jointing reinforced by some heavy iron dowels which are rusting and throwing off new stonework, exposing parts of old firestone or rag of original jambs until recent temporary repairs carried out. Can be repaired piecemeal but similar repairs must follow later; recommend renewal of stonework now with general repair of walling. repairs carried out in plastic or rather a mortar are holding up but windows continue to deteriorate.

Westernmost window Godfrey report 9 Oct.1978 DRc/DE/209
Additional defect noted: spall on right hand side of arch. Sill cracked. Internally loose spall at end of 2nd saddlebar up on W. side. Cement repair and stone strip loose.

Centre window Godfrey report 9 Oct.1978 DRc/DE/209
Additional defects noted: west jamb, diagonal crack downwards from glass line outwards with spall on outer roll moulding. Diagonal crack running upwards above recent repair. E. jamb, crack at first joint in arch. Sill cracked in centre. Internally crack between

window arch and plastered arch to soffite, springing joints cracked. Indication that head may be shifting outwards.
Glazing much bulged, standing firm; if stonework remade glass should be re-leaded.

Easternmost window Godfrey report 9 Oct.1978 DRc/DE/209
Top of first panel of glazing a crack at E. and W. jambs in original work running down diagonally. Sill cracked in centre. All these sills are cracked and rise at centre. Western jamb at springing where joint was, a horizontal crack developing. Patching sounds hollow several places.

Propose: take down stonework of windows and renew, providing better tail in and cramping where necessary, with non ferrous metal only.

STONE 10 October 1978 DRc/DE/209/XI(xyz)
Chichester Stone Workshops to architect: Caen availability in 21 tonne loads; two possible substitutes: St. Maxines and Lepine. Latter stronger harder, useful for label moulds; will order. £14 cub.ft.

PRESBYTERY ROOF 11 October 1978 DRc/DE/209/X(a)
Godfrey: splits in lead S. parapet gutter; also several others; important to look for when gutters cleaned as need mending at once before leaks start damage..since Webbs no regular local builder..will ask plumber inspect under each defect and treat

REPORT ON FABRIC Godfrey 12 Oct.1978 DRc/DE/209
Main items of work which have been carried out since last report in 1971 are as follows:

CHAPTER ROOM doorway Godfrey report 12 Oct.1978 DRc/DE/209
Cleaning of stonework by Sepiolite method. Pilgrim Trust granted £2000 and a balance of that money is to be put into further work to the doorway when it can be recommended (see report 11 March 1972).

SPIRE Godfrey report 12 Oct.1978 DRc/DE/209
Result of inspection in 1970 repairs put in hand. Though extra fixing clips which we had put on to leadwork appear to be saving it from further serious movement, it would have to be inspected every 10 or 15 years. Have just had to institute another inspection because of new leaks. Points of entry for water almost impossible to detect and to await wet weather to locate them from inside.

N.W. TRANSEPT Godfrey report 12 Oct.1978 DRc/DE/209
Built in 1972 was construction of new underground chair store approached through W.wall of great N. Transept.
At same time major work of washing, repair and re-decoration done to the interior of this Transept. Finished in spring of 1973.

FURNITURE Godfrey report 12 Oct.1978 DRc/DE/209
Various schemes for a new nave lectern and choir stalls were considered but not adopted, till a Victorian lectern was chosen in 1976 from Chudleigh Church in Devon, which it was considered would

match up to the Cottingham pulpit. A mechanism for making the platform moveable was designed; it has not however been brought into use. Two new chandeliers were made for the Gt. Transept for Christmas 1975.

S.W. TRANSEPT Godfrey report 12 Oct.1978 DRc/DE/209
Next big operation was the washing and repair of outside of this Transept, following by washing, repair and re-decoration of inside. Latter included painting of wood vaulting and attention to remains of wall painting on E. wall

PAVEMENT Godfrey report 12 Oct.1978 DRc/DE/209
In August 1975 the Godwin tiles in the lesser transept suffered a sudden alarming upheaval and funds had to be raised to see to their rebedding and introduction of expansion joints to ease pressure. Completed early in 1976.

S.E. TRANSEPT Godfrey report 12 Oct.1978 DRc/DE/209
Eventually in 1977 progress with external washing and repair continued by recent work to S. and E. faces of this Transept. This was after new inspection by Ian Stewart and myself during latter part of 1976. Some of defective stonework of the windows had got worse which pointed to this area as next for methodical attention to fabric.

WASHING FABRIC Godfrey report 12 Oct.1978 DRc/DE/209
You may wish to consider again whether to continue with this progress or not. Architecturally it is desirable to avoid bands of uncleaned and repaired stonework between areas that have already been gone over. We have not followed this principle entirely however because we started with W. front and then took up work again with the whole of E. and N. side of eastern arm and N.W. Transept, leaving Nave clerestory and Aisle untouched. No doubt that this has transformed appearance of eastern arm of Cathedral from High Street side and at same time picked up various items of repair needed, which only close access can detect. Intention was to return westwards along S. side. Break in progress made by tackling outside of S.W. Transept so that it could precede work on interior and so avoid risk of spoiling it by penetration of water (which actually occurred) during outside washing, if it had been left to be done after the interior.

During this progress an area out of sight between Gundulph's tower and N.Choir Aisle was left and now, if we do not carry on with S. side of Presbytery, another unseen area will have been neglected.
To go on with present plan means quite a modest programme.

NAVE N.Aisle Godfrey report 12 Oct.1978 DRc/DE/209
When I showed you the problems of the N. side of the Nave, however, it was realised that it was an example of very much longer operation. Stone decay is slow compared with ills from defective roofs such as dry rot or structural movement, and not great deal of change evident in N. Aisle since my first report of 1952 in which much of work as now was graded third priority. Would not, however,

still be awaiting attention had appeal for funds raised all required. I am more inclined now to embark on this side, which is very attractive, albeit dirty, decayed and out of plumb, on account of the likelihood of a suitable stone for it being quarried at last.

FUNDS Godfrey report 12 Oct.1978 DRc/DE/209
If funds are being offered to spend on Cathedral, it seems proper to accept them and I will list now some items from which a choice can be made. (There is no need to make final choice before building season starts next spring except, as to whether it is to be stonework. If so, we should book Pennells & Spooner for it now. Rochester has already reserved some of their time next year for city walls, and they will want to hear from us soon one way or other).

Considering normal income of fabric fund, would ask you to consider whether should be built up a little by postponing work, in spite of inflation. An outbreak of rot, movement in structure, any unforeseen event such as recent floor tile eruption or an adverse report on electrical installation, could demand sudden expenditure, and fund should be in existence to cushion it. Have selected list of items which recommend should be attended to:

CROSSING Godfrey report 12 Oct.1978 DRc/DE/209
Soffite of floor over crossing: whether a case for repair, repainting or cleaning remains to be decided when access provided.

LADY CHAPEL roof Godfrey report 12 Oct.1978 DRc/DE/209
Wish to make closer examination of this roof structure, and make comparisons of various cracks noted in stonework at high level - particularly labels of two arches between Chapel and Transept and one or two capitals of wall shafts.

NAVE roof Godfrey report 12 Oct.1978 DRc/DE/209
I wish to investigate space between older soffite boarding and that on which new lead laid (selecting only one or two positions).

S.E. TRANSEPT vaulting Godfrey report 12 Oct.1978 DRc/DE/209
Scaffold tower required for examination apex rib joints of southernmost section of vaulting. Could not conveniently reach this in conjunction with recent work in clerestory next to it.

PRESBYTERY s.side Godfrey report 12 Oct.1978 DRc/DE/209
External washing and repair: at present in programme and estimated for.

NAVE S. Aisle windows Godfrey report 12 Oct.1978 DRc/DE/209
External washing and repair of stonework of windows temporarily patched some years ago, but where have recommended should be completely remade: approx. £10,000.

NAVE N. Aisle Godfrey report 12 Oct.1978 DRc/DE/209
External washing and repair: walling very dirty renewal of stone necessary, £12,000

If the report is true that Chilmark stone is to be made available by the Government attractive proposition for restorer.(the quarries are used for storage and no inducement to release any stone had been successful since the war. The supply is likely to be once in a given period and so, whether work is immediately envisaged on N. Aisle or Clerestory, a stock may have to be purchased or reserved).

GUNDULPLH'S TOWER Godfrey report 12 Oct.1978 DRc/DE/209
S. and E. faces, removal of vegetation, washing and repair of window stonework, particularly cill of one window requiring renewal. £5,000

LIGHTING Godfrey report 12 Oct.1978 DRc/DE/209
Await Mr. Bright's report on extent of overhaul which may be necessary. He will feel disappointment at falling into disuse of Clerestory and Triforium lighting of our original scheme. Also I reiterate my desire that donors come forward for (a) chandeliers in lesser transept (b) substitution of new for my very temporary chandeliers, which were rushed up in time for 1350th year festival when Cathedral was changing from gas to electricity (c) real gilding of edges of Nave chandelier rings (d) improvement in Crypt, where some very temporary but well placed lighting has managed to serve ever since the 1350th year festival.

ROOFS generally Godfrey report 12 Oct.1978 DRc/DE/209
Structurally they appear sound. I have already mentioned need to watch Nave and Lady Chapel roofs and further investigation of Choir S.Aisle roof (it has a very interesting 14th century soffite in which I take the wooden bosses to be original and the plaster ones later replacements). There is a slight infestation of furniture beetle in all roofs east of Tower, precautionary treatment could be given with advantage.

Godfrey report 12 Oct.1978 DRc/DE/209
Externally you are fortunate in having new lead on Nave and new copper on Nave Aisles (though copper lately, but not yet at Rochester, has given us cause for concern as a flat roofing material, where run-offs from other materials or of acid laden water exist).

Godfrey report 12 Oct.1978 DRc/DE/209
Large slates of eastern arm are assisted by shallow slope, but nonetheless have to be watched regularly for slips. Steep roofs of greater Transept will at some point have to be reslated. Provided at least two inspections a year there is no reason why this should be looked on as an emergency. Gutters and lead flats of eastern arm cause concern. Usually one gives each sheet of lead a chance by repairing its defects once or twice, but if it persistently splits - needs renewal. Suggest programme of gradual replacement. Main point about roofs of eastern arm, is that they are too shallow and do not stand up with their gables to show that the Cathedral is a major church. In 1874 they were looking for £2,000 to reconstruct them; in 1963 I was looking for £20,000, and in 1974 £70,000. Now this might have to be doubled.

Godfrey report 12 Oct.1978 DRc/DE/209
Connected with this is the cracking of the high vaults of the

eastern arm where they have not the support of a side wall. We have to devise a system by which we can restrain these delicate structures.

CRYPT Godfrey report 12 Oct.1978 DRc/DE/209
I have not recommended any wholesale renewals in the crypt or tidying up; cracks which might seem alarming are in stones which no longer take weight. Nevertheless some rib stones need attention and others would benefit from insertions and additional support.

HEALTH AND SAFETY AT WORK ACT Godfrey report 12 Oct.1978 DRc/DE/209
We in Cathedral Architects' Conference are working on recommendations which Deans and Chapters find themselves obliged to take in this respect. When I have had opportunity to see practical harness system for clerestory walks will make some recommendations. I know you are not in favour any kind of guard rail; present wire rope should be got rid of as soon as practicable.

MEMORIALS Godfrey report 12 Oct.1978 DRc/DE/209
Many have pieces detached or loose; desirable they should be repaired; some of course have been attened to during work in the Transept. Others, such as Wharton memorials, which are very fine, would benefit from refurbishing but not as essential as the repairs.

IRONMONGERY Godfrey report 12 Oct.1978 DRc/DE/209
Highly desirable that fine early ironwork removed from St. John's Chapel to Gundulplh's Tower should be brought back.

GARTH walls Godfrey report 12 Oct.1978 DRc/DE/209
Washed and repaired with money contributed by the Friends; very valuable remains historically and some plan should be made to save them from exposure - a roofed cloister walk is needed to protect them - we have not designed one, but would do so if encouraged.

RICHARD WATTS CHARITY 12 October 1978 DRc/DE/209/X(a)
Arnold to Charity: ought not be refurbished; good natural colour; might repay cleaning. As so valuable, even simple washing should be done by expert; V. & A. to be consulted.
Watts Charity Trustees: not the memorial but tomb; slate slab S. of Nave steps assumed covers tomb; become worn, coat of arms cannot be seen clearly; particular interest as heraldic symbol a rabbit said to be sign of thrift; suggest be re cut anticipation anniversary. Alternative suggestion infilling cuts with brass.
Godfrey to Dean: could be re-cut; pity disturb worn as still decipherable original features; were ledger for re-sale, re-cut be valueless; may be was put down in 1736 same time as his memorial; another theory, possibly original slab worn after 200 years and too insignificant and new one made; done anyway in full beauty of living style; ? compromise: history of Charity recorded on blank space.

W. DOOR 20 October 1978 DRc/DE/209/X(e)
Bennett Masonry Cleaning: invoice small tool air abrasive clean, painting ironwork, wax wood. £400

ARCHITECT'S REPORT 23 October 1978 DRc/Ac/
Mr. Godfrey joined Chapter to report on condition of fabric

CATHEDRAL FABRIC 23 October 1978 DRc/Ac/
Agreed approx. £10,000 be made available annually for forseeable future to meet anticipated work, architect asked to submit programme of works...budget cost figure against the 9 items listed in appendix (A) under heading minor items...highest priority ot work required to meet Health and Safety at Work Act requirement.

RICHARD WATTS' TOMB 23 October 1978 DRc/Ac/
Watts' Charity request for slate ledger over tomb be refurbished in 1979 at their expense. Architect recommended improvements and possible additional inscription..

ROOFS leadwork defects recorded 31 October 1978 DRc/DE/209/X(a)

CANDLESTICKS 5 November 1978 DRc/DE/209/X(a)
Article and photograph in Observer

S.E. TRANSEPT 15 November 1978 DRc/DE/209/X(g)
A. Whitehead & Son. confirm instructions spray adjacent timbers with Wykermol.

FABRIC FINANCES 20 November 1978 DRc/Ac/

GUNDULPH TOWER 20 November 1978 DRc/Ac/
Estimates from Sancto £1062 and Pennells & Spooner £850 accepted

SCULPTURE 18 December 1978 DRc/Ac/
Proposed gift of sculpture...design to be discussed with sculptor and architect..to be ready for celebration 850th anniversary

WEST DOOR 29 November 1978 DRc/DE/209/X(a)
Bennett Bros. renovation account paid £432

GUNDULPH TOWER 20 December 1978 DRC/DE/209/X(b)
Pennell & Spooner: authorize consolidation mortar and redecoration £850. Additional section flooring middle storey, provision cupboards. B.Sancto arrange together.

1 9 7 9

NAVE S.AISLE wall 12 January 1979 DRc/DE/209/X(a)
Clerk to Architect: water entered Cathedral by outside wall; hole through parapet wall through to hopper at top of downpipe blocked with ice; water built up in gully; staining on wall reveals earlier blockages; suggest hole enlarged also 2 others.
Architect: have often advocated snow boards..never received financial priority to put in hand..

FINANCIAL SUPPORT 17 January 1979 DRc/DE/209/X(a)
Silver withdrawn from sale; £20,000 interest free loan from Kent County Council

CHILMARK STONE 29 January 1979 DRc/Ac/
Architect's recommendation that Salisbury Cathedral be approached for assistance in obtaining stone from a newly re-opened quarry approved.

OLD CHAPTER HOUSE 29 January 1979 DRc/Ac/
Architect's recommendation sought re placing a path for access to new Visitors' Centre

NEW VISITORS' CENTRE 29 January 1979 DRc/Ac/
R.A. Warners to enter into contract for alterations £13,785..agreed provision of footpath through Old Deanery in artificial stone deleted, architect to put forward alternative proposals

ORGAN 29 January 1979 DRc/Ac/
Quotation for £4052 by Watkins & Watson for replacement of organ blower, fan and motor which no longer maintainable. Noted.

FABRIC 29 January 1979 DRc/Ac/
Architect's recommendations for future work noted. Cathedral Friends alread authorised expenditure up to £6000 on S. Transept, £500 remedial work on spire, £2000 for Gundulph Tower. Further agreed to recommend to Friends for programme 1979/80: replacement organ blower and motor £5000, purchase Chilmark stone as funds permit.
Work currently on lead work of gutters between £2-3,000 to be met by Tazza fund.
Health and Safety at Work Act: Friends recommended carry out this work during 1980/81 and further restorations around outside of Cathedral to be specified by Architect. Work on S. side Gundulph Tower and N. Aisle Quire scheduled for 1981/82.

CATHEDRAL PLATE 29 January 1979 DRc/Ac/
Silver offered for sale through Sotheby be finally withdrawn and returned to Rochester
Williamson Plate be offered to Medway Borough Council for secure public display at Guildhall

S.CHOIR AISLE porch 8 February 1979 DRc/DE/209/X(a)
Repair after break in; doors made & installed Pennells & Spooner 1978, particularly fine piece craftsmanship of oak with inset glass; burglar forced, stiles severely damaged; architect advises original firm should repair £313

ELECTRIC LIGHTING 22 February 1979 DRc/DE/209/X(1)
Installations overhaul. Richard Bright, Cons. Eng.: impression installation excellent condition possible exception wiring beneath floor of Crypt. Thorn Lighting: report. Other correspondence re disuse of fluorescent lighting.

INVENTORY 26 February 1979 DRc/Ac/
P. Stock to be invited to prepare. Acceptance noted 26 March 1979

CHUDLEIGH LECTERN 12 March 1979 DRc/DE/209/X(a)
Not proved possible erect in Nave; stored chair store, right to dispose.

26 March 1979 Drc/Ac/
Cathedral Architect requested consider disposal, reply awaited

27 April 1979 DRc/DE/209/X(a)
Godfrey..advise store it..wish to restore it refurbished, installed and Cottingham's pulpit colour brought down to match

CHILMARK STONE 10 April 1979 DRc/DE/209/X(a)
Clerk to Salisbury Cathedral: understand stone to be quarried for brief period; ask to supply some

Clerk to Godfrey: Rochester's corrosive atmosphere from factories, power station 3 miles away and cement dust. Have you advance evidence available to support recommendation for this stone. Understand now being removed from Abbey

5 July 1979
Friends expressed concern suitability. B.R.E. did not expect good service from Chilmark; poor weathering.

Following Dr. Price's BRE advice to follow 2 sources:
Tilbury stone, Tucking Mill and Old Stone Quaryy, Tisbury, Wilts.

8 August 1979
Godfrey to Clerk: Good deal of work..consists of piecing in small number new stones into otherwise sound Chilmark stone. Scott used this stone for his renewals same reason as mine for, again, piecing in on N. Aisles of Cathedral..because compatible in appearance and texture with greensand stone and rag of original build. Until 10 years ago good supply good deep coloured greensand stone in I.of W.; quarries there closed, no other similar source.
Pollution: when samples of stone from Chapter Room door tested by British Museum Laboratory 1969, back of surface sample consisted 73.8% insoluble matter, calcium sulphate nil; Surface sample 57.5% insoluble 23.6% calcium sulphate; even inside Cathedral, so I am aware of how much sulphur dioxide has been altering composition. Seems obvious to use same stone as that being repaired. Recently used Bath stone to repair S.E. Transept. Propose repairs to areas

of Chilmark stone itself but also to greenish grey areas of other stone for which fsuggest stockpile colour of Tisbury suitable but reputation not high.

31 December 1979
Have been collecting Chilmark from Westminster Abbey: 30 cub. ft.

GUNDULPH TOWER 30 April 1979 DRc/Ac/
Certain minor aditions agreed to work in progress..installation fluorescent lighting first floor level and new stairwell, two power points

CRYPT vestries 30 April 1979 DRc/Ac/
Architect asked revise scheme and obtain current price

DOUBLEDAY SCULPTURE 30 April 1979 DRc/Ac/
John Doubleday, Sculptor and Cathedral Architect presented design...it was agreed to commission casting in bronze of maquette for display at Cathedral Council 17 May...Cathedrals' Advisory Council to be informed of proposal for full scale work cast in bronze for 850th anniversary dedication of Nave

NAVE LECTERN 30 April 1979 DRc/Ac/
Architect consulted re disposal Chudleigh 19th century lectern notnow required..he advised against its disposal, although not now a popular design was similar to Cottingham pulpit, could be mounted on wheels. Counselled storing it for possible future use .. agreed no action, future consideration

CATHEDRAL PLATE 30 April 1979 DRc/Ac/
Sir Joseph Williamson plate: handed to representatives Medway Borough Council for display in Guildhall Museum, receipted

COMMEMORATIVE TREE 30 April 1979 DRc/Ac/
Field Maple be planted small garden corner opposite Minor Canon Row adjacent Old Choir School memory last Headmaster Cathedral Choir School

GUNDULPH TOWER 21 May 1979 DRc/Ac/
£100 authorised for a covering for first floor

ORGAN 21 May 1979 DRc/Ac/
Walkers unhappy with specification new blower, matter be deferred; agreed Royal Engineers inspect and report

18 June 1979 DRc/Ac/
Recent failure organ motor due faulty maintenance. Royal Engineers agreed to regind blower shaft, manufacture and install new brass bearings.

CHOIR ceiling 11 June 1979 DRc/DE/209/X(a)
Clerk to Godfrey: small fall plaster; fell into central aisle; appears to have come from crack adjacent to 2nd centre rib; inspection with binoculars shows crack adjacent to stonework; examination of fall indicates from previous filling in this crack.

CHAPTER ROOM ?lobby 18 June 1979 DRc/DE/209/X(a)
Clerk to Godfrey: small amount plaster fallen off wall adjacent to frame door into C.R.
Godfrey to Clerk: hope trouble next C.R. door not recurrence in movement in frame which thought cured by tying back to floor

CRYPT vestries 18 June 1979 DRc/Ac/
Work to improve ordered £726..suitable floor covering to be ordered

SPIRE and GABLE FINIALS 18 June 1979 DRc/Ac/
Agreed work repairing leaks and checking gable finials proceed

DOUBLEDAY SCULPTURE correspondence 18 June 1979 DRc/DE/209/X(i,j)

HEALTH & SAFETY ACT 20 June 1979 DRc/DE/209/X(o)
Installation harnesses and anchor rails in clerestories

ROOF GABLE finials 5 July 1979 DRc/DE/209/X(a)
Clerk to Godfrey: cost of inspecting gable finials accepted by Friends £4500

CRYPT 5 July 1979 DRc/DE/209/X(a)
Clerk to Godfrey: paintings on vault N. side C.A.C. Secretary recommends Mrs. Baker be consulted.

NAVE lectern agreed to store 10 July 1979 DRc/Ac/
Due changes in worship store in stable. 18 July 1979 DRc/DE/209/X(a)

CLOCK agreed repair cost £360 10 July 1979 DRc/Ac/

LADY CHAPEL 19 July 1979 DRc/DE/209/X(a)
Burglary entry through 3rd light from E; lower 20" removed. Glass retained for matching.

NAVE roof 19 July 1979 DRc/DE/209/X(a)
Clerk to Godfrey: enclose beetle one of number fallen from Nave roof in vicinity Lady Chapel (envelope containing 1 no. beetle in this file).

LADY CHAPEL 23 July 1979 DRc/Ac/
Stained glass window broken in break-in. £455 for repair by Francis Skeat approved 24.9.79

ALARM SYSTEMS increased areas covered 23 July 1979 DRc/Ac/

LADY CHAPEL 7 September 1979 DRc/DE/209/X(yxz)
F. Skeat: removal armorial stained glass bottom S. window broken by thieves. Correspondence repair, design, ovrhaul all stained glass, quotation, etc.

S.E. TRANSEPT clerestory 20 September 1979 DRc/DE/209/X(b)
W. wall iron strap rusting lifted whole course ashlar below parapet extracted 5'7" from S. face, stones refixed.

PRESBYTERY Site visit instruction 20 September 1979 DRc/DE/209/X(b)
Pointing considered will be sufficient; remove strap pointing and not carry out complete repointing of whole; weak points will then be sought out and filled leaving remainder of joints as found; necessary just remove all strap pointing make sure colour mortar beneath not vary enough to present patchwork appearancee.
Instructions continue : Lower stage of windows eastern pair; western pair; upper stage windows clerestory; parapet coping...

CATHEDRAL ARCHITECT 24 September 1979 DRc/Ac/
Negotiations stipend etc.

FABRIC report 24 September 1979 DRc/Ac/
Cleaning of stone on south side Chancel and west side south arm of Quire lesser transept

CATHEDRAL GLASS 24 September 1979 DRc/Ac/
Architect authorised instruct Francis W. Skeat inspect and repair clear and stained glass throughout Cathedral estimated cost £2000.

PRECINCT 9 November 1979 DRc/DE/209/X(a)
Dorter doorway jamb: each side original pillars been removed and capitols held in place by pieces of slate pressed beneath in vertical position each approx. 6' long. That on southern side cracked and fallen: put in Acrow prop.

PRESBYTERY Site visit 21 December 1979 DRc/DE/209/X(b)
External walls: strap pointing removed, joints raked and pointed. New stonework completed; Defective stone cut out from S. wall Delivery new stone awaited. S. wall: additional stone to be renewed W. label clerestory window E. central buttress. Should supply stone be insufficient, pin through longitudinal crack and through rest of stone to which crack likely to become extended.

S.E. TRANSEPT Site visit 21 December 1979 DRc/DE/209/X(b)
Scaffolding removed W. face S.E. Transept.

PRECINCT Site visit 21 December 1979 DRc/DE/209/X(b)
E. wall Garth steel prop pinched between capitals of arch of old dorter doorway to prevent S. capital becoming dislodged.

LADY CHAPEL site visit 21 December 1979 DRc/DE/209/X(b)
Internally loose plaster and defective make up in label moulds of E. arches made good.

LISTS OF PRIORS & DEANS 31 December 1979 DRc/DE/209/X(a)
Godfrey to Clerk: growing danger that boards with inscriptions may become dead hand on a church, rather than embellishment; suggest N. wall Presbytery, unsympathetic surface of wall between sill and window could be painted out say brownish colour of adjoining Purbeck and lettered in gold. S. wall could receive brasses from here. Organists names: suggest on door in screen leading to organ

PRECINCT Scheduled Ancient Monuments and Archaeological Areas Act 1979

1 9 8 0
850th anniversary of consecration of Nave

CATHEDRAL WINDOWS 2 January 1980 DRc/DE/209/XI(g)
Envelope containing F.W. Skeat's references on plan of windows for repair. Est. £1100. Instructions proceed 15th January

BELLS 9 January 1980 DRc/DE/209/XI(b)
John Taylor: report, specification for repairs

GALES 14 January 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: rainwater disposal: snow boards would not solve problem; severe S. gales water entered Lady Chapel, Nave transept, S. Choir Aisle, Chapter Room under steps to Old Chapter House and through wall adjacent. All need attention. Gable finials, steeplejacks will inspect.

ENGRAVER 14 January 1980 DRc/DE/209/XI(n)
Mrs. C. Sharpinton, engraver of lists of Organists and Priors and Deans, correspondence.

SPIRE 14 January 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: authority to Grays to spend £2000 remedy defects leadwork forwith

17 January 1980 DRc/DE/209/XI(g)
J.W. Gray: est. remove 50% straps to S.E. south and S.W. facets, 50% overall to remaining 5 facets as necessary, repair and sealing. Work await discussions Lead Development Association re relative merits polysulphide mastics etc.

28 January 1980 DRc/Ac/
Inspection had disclosed more work necessary than anticipated. Architect authorised proceed £2500

31 January 1980 DRc/DE/209/XI(h)
Final accounts: spire laddering eyes £112
Dressing leadwork, applying Secomastic £4,700

Note (30..7.87 DRc/DE/209/XI)h): Ian Stewart has letter Jan. 1977 report from Lead Development Association condemning original layout of leadwork and recommending mastic repairs holding operation. Grays glued it all up with (as it turned out) wrong sort of mastic.

J.W. Gray : steeplejacks report 28 January 1980 DRc/DE/209/XII
..generally agreed method of repair beneath securing brackets was right approach, using rather larger 6 code lead patches under, with fillings of lead bedded in grey mastic to positions where original leadwork been punctured only. Number of straps originally intended for removal would be greatly reduced. Considered more appropriate to lift overcloaking to base of flat rolls to angles to lower half of spire, particularly facets where water ingress apparent, seal off with mastic over open undercloaking. These proposed repairs ..temporary nature..consideration must be given to renewing leadwork completely.

ROOFS pinnacles steeplejacks report 28 January 1980 DRc/DE/209/XII
Chancel gable cross : sound condition, secure
Chancel 4 no. pinnacles sound
Treasury finial, small section stone removed otherwise secure
N.E. pinnacle, N.E. corner N. transept: 3 no. courses stonework plus section of capstone removed for safety
N.Transept pinnacles sound except small section stone removed apex gablet N.E.

CATHEDRAL WINDOWS 28 January 1980 DRc/Ac/
Work previously approved now deferred for financial reasons

BELLS 28 January 1980 DRc/Ac/
Report received John Taylor & Co. Agreed much of work required was maintenance which could be done by the bell ringers...new bell ropes agreed..

PRESBYTERY 28 January 1980 DRc/Ac/
Lists of Priors and Deans on north wall: anticipated cost in gold leaf £1036: Clerk instructed ask Friends whether prepared to finance..

ORGAN 28 January 1980 DRc/Ac/
Survey and provisional specification to be made by J.W. Walker & Sons. to simplify mechanism and improve sound

CHOIR external walls S. side 31 January 1980 DRc/DE/209/XI(b)
Salvaged Chilmark stone from Westminster Abbey being used.

PRESBYTERY 6 February 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: lists Priors & Deans and organists: locations approved. Est. £1036

FRIENDS' REPORT 14 February 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: further £1210 towards external works, w.side S. Choir Transept: total to £7210. Also £3000 cover spire work recently completed; £500 towards inspection gables & finials.
19 February 1980 DRc/Ac/
Noted that Friends had agreed to meet cost of £1210 for phases 1 and 3 of Architect's Report, £3000 for repairs to Spire, and £1036 for list of Priors and Deans and Organists.

SLYPE passage 24 February 1980 DRc/DE/209/XI(t,u)
B.D. Sancto: cupboard £240.

CATHEDRAL PLATE 24 March 1980 DRc/Ac/
Chalices offered by Holy Trinity Church, Tunbridge Wells accepted

PRESBYTERY List of Priors and Deans 3 April 1980 DRc/DE/209/XI(b)
Chapter received suggestion by printer member that lettering be achieved by photo typesetting blown up photographically and printed on wall using powdered gold.
Godfrey: recommend hand done work of artist in gold leaf rather than technically skilful work of printer.

Dean & Chapter: have in mind to commission Anderson method (ie printer); possibility silk screen printing and then laying gold leaf by hand.

16 June 1980 DRc/Ac/
Agreed should be executed in traditional materials using traditional methods; authorised gold leaf

CHILMARK STONE 21 April 1980 DRc/DE/209/XI(xyz)
B.R.E. Chilmark sample:(from Westminster Abbey) no sulphate at all in depth of stone. Even on outer surface very little present. Conclude very little sulphation occurred (in which case no objection on grounds of sulphation to re-use at Rochester) or that specimen was so drenched on cutting that all was washed out.

30 April 1980 DRc/DE/209/XI(xyz)
Was from a buttress including a chamfered offset; always exposed to elements, should have had full sulphurous London atmosphere over years. Report encouraging; work finished and stone looks very well.

DOUBLEDAY SCULPTURE 13 June 1980 DRc/DE/209/XI(b)
Stone for base from France

16 June 1980 DRc/Ac/
Agreed should be received from representatives of donors at casting foundry...in August

DISABLED ACCESS 27 June 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: consider provision ramp

LADY CHAPEL 15 July 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: leak again above altar after heavy wind and rain; altar cloth stained. Wooden r.w. trough broken.

INVENTORY 21 July 1980 DRc/Ac/
Chapter received Inventory of ornaments, utensils and effects and resolved the next one be prepared in 1984

CRYPT mediaval graffiti 21 July 1980 DRc/Ac/
T.W. Ide £394 for glass protection approved

LADY CHAPEL roof 29 July 1980 DRc/DE/209/XI(b)
Godfrey: broken trough not cause of ingress; investigate further

GUNDULLPH MEMORIAL SEAL 29 July 1980 DRc/DE/209/XI(b)
Recommendations for location

CHAPTER ROOM 30 July 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: s. wall near doorway: wall soaked in spring, affecting books; is treatment by Pennells & Spooner a possibility
Godfrey: due to broken junction between gutter and outlet

PRECINCT 14 August 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: Chapter would like gateway from Precinct to Garth Bishops Gate cleaned and repaired. Estimate requested.

GUNDULPH TOWER (A.I.) 19 September 1980 DRc/DE/209/XI(c)
Cut out loose joints S. side, remove vegetation. Stones numbered for refixing at crack at top W. and E. end. Bronze cramp to improve bond at crack W. end.

CHOIR N. AISLE (A.I.) 19 September 1980 DRc/DE/209/XI(c)
W. Bay: E. window: renew weather mould Chilmark; take detail from windows in E. bay. Renew cill except centre section in Roche de l'Espail. W. window: renew weather mould do. Renew cill except section under W. mullion.
E.Bay: renew stonework centre light above mullion and eyelet at side. If impossible to find large stone as existing, extra joints agreeable.

DOUBLEDAY SCULPTURE 22 September 1980 DRc/Ac/
Record in Chapter Minutes of ceremony of acceptance (dedicated 20.9.80)

TAPESTRY OF BISHOP GUNDULPH 22 September 1980 DRc/Ac/
To be presented on its closure by Stockwell College of Education whose students had worked the tapestry.

CATHEDRAL PLATE 22 September 1980 DRc/Ac/
Pair of candlesticks stolen from altar in Lady Chapel. St. Mary's Church, Chatham had available a pair which might be considered for purchase to replace. Agreed if design suitable

ORGAN report by J.W.Walker & Sons 22 October 1980 DRc/DE/209/XII
..owes its origins to instrument built in 1791 by Samuel Green, organ builder to King George III. Though Green died only five years later this instrument was built at peak ofcareer and was contemporary with his innovative design for St. George's Chapel, Windsor. At Rochester Green provided a three manual organ of 23 stops in a Gothic case placed centrally on the screen, and with a 'chaire' case facing east. Green was famous in his day for a 'light and melodious tone' which was produced by using large scale pipes, with low mouths closely nicked and lightly blown. The handful of'Green' ranks still remaining from this organ should be regarded as one of the treasures of Rochester Cathedral and our proposals are based with this in mind.
The Green organ remained unaltered until 1835 when William Hill & Son made modifications to compass and specification. Further work 1840, 1864, 1872. The long association Walkers has enjoyed began in 1872 when Cathedral Architect decided to discard the old Green cases and to divide the organ N. and S. of the screen. This entailed a complete rebuilding of instrument into two new cases designed by Sir Gilbert Scott and work not completed by Walkers until 1875.
Because of financial restrictions and cost of new cases, all old mechanisms had to be retained and this accounted for enormous spate of work by various builders over next few years: Forster and Andrews in 1876, 1892; Browne's in 1888, Hopkins 1895. By 1904 apparent continual patching up operations becoming uneconomical complete rebuild with new soundboards and penumatic action decided upon, work once again being entrusted to J.W. Walker & Sons. Work undertaken in

this rebuild surprisingly sympathetic to tonal qualities of old Green pipework and our order book states clearly that 'the old pipework is to be carefully retained, present tone being preserved and not revoiced'. Unfortunately pressures of contemporary taste eventually overtook Rochester Cathedral considered neither big nor loud enough ..result programme of modernisation commenced starting with Harrison and Harrison 1925. In 1935 further tonal alteration made by Walkers and by 1957 decided to electrify action and provide new console. With electic action possible increased specification of organ considerably by use of extension principal and this was done culminating in 1960 with organ of 67 stops. Hindsight it is clear to us that this was a mistake, but in 50's accepted practice and rebuild certainly universally acclaimed as triumph of modernisation.
Passion universal during first of this century for ever increasing specifications of Cathedral and Parish church organs resulted organs being over cramped and because electric do not follow imposed structural disciplines of good mechanical action. Nowhere more evident than at Rochester where present organ of 67 stops crammed into a case originally designed for only 33. Question of accessibility for maintenance ..most pressing problem..some parts literally impossible to reach without major dismantling.

Enclosed proposal, very preliminary and for discussion purposes only reduce specification to 46 speaking stops...tonal scheme retains every existing rank of quality ..special emphasis on old and cherished Green stops without trying to recreate an eighteenth century 'reproduction antique'..excellent voices from every period since 1791..this diversity gives it is unique character..proud of our long association..particularly interested in this project..

CHOIR STALLS 1 November 1980 DRc/DE/209/XI(xyz)
C. hewett: sketched analysis of structure

PROGRAMMING 8 November 1980 DRc/DE/209/XI(b)
Godfrey to Clerk: No means finished this year's work: masonry and new laddering around N.Choir Aisle windows £1000; glazing £845; vaulting e. arm investigation; harness wires clerestorys £4000

PRECINCT 8 November 1980 DRc/DE/209/XI(b)
Godfrey to Clerk: Bishops Gate: fairly good order up to springing line, much jointing need not be touched; above line joints open, should be raked and filled; Kentish rag very dirty encrusted and black should be washed with fine water spray. Number of stones breaking up but only 2 need replacing; est. £1250. Suggest Pennell & Spooner. Looked at Roy Spooner's bit of repair on old Chapter House; was full of praise for it.

ANALYSIS ANCIENT WOODWORK 17 November 1980 DRc/DE/209/XII
Architect to C.Hewett:
Crossing ceiling: ..from several topographical data usually assumed to be nineteenth century, but they would hardly have done those remarkable bosses of their own bat in those days, unless they were attempting replicas... always sneaking hope find to be genuine

S.Choir Aisle: glad to hear you have diagnosed the 'plaster' as gesso. This carving I was informed second hand in 1954 when noted remains of original. Have to fill some of the DWB flight holes to establish whether there is still activity..interesting to see what Lethaby was up to leaving some of the carved work covered some exposed. ..noted he coloured small section of the beams to indicate traces of colour which he found during repairs.
Choir stalls: ..never been doubted to be all part of eastern arm build

NAVE roof leak 19 November 1980 DRc/DE/209/XI(b)
Clerk to Godfrey: several bucketfuls rainwater at S.E. side S.E. Nave pillar, ie S.W. corner tower. From ground appeared through wooden ceiling S.Transept in corner where joins tower; roof space above investigated; gulley very wet. Lead filled with water 2' or more and drained through ceiling.
Leak attributed defective flashing behind Transept downpipe and concentration from weather mould adjacent window. New lead apron.

SAFETY EQUIPMENT 20 November 1980 DRc/DE/209/XI(d)
Correspondence re drilling, bolts, etc.

ANALYSIS OF ANCIENT WOODWORK 23 November 1980 DRc/DE/209/XII(c)
Cecil Hewett: ..Norman door leaf is at N.E. of N.E. Transept; it was Romanesque (wrong shape for E.E.) and was used to form a 'foundation' for the E.E. leaf; go inside and close door and you are in presence of a complete one - possibly Gundulph's E. end?
Crossing bosses: cannot be repros they are too good. Harvey says central tower 'usually said to be Henry II early, but the profiles in so far as you can see them from the floor could well be Edward I, ie c.1270s (as also S.Choir aisle end vestry)
W. Choir screen also before 1227.

ORGAN 24 November 1980 DRc/Ac/
Report received J.W. Walker & Sons. Estimated cost of works £107,000. Advice to be sought Diocesan Organ Adviser

BEC PLAQUE 24 November 1980 DRc/Ac/
Agreed on recommendation Architect that plaque brought by pilgrims from Abbey of Bec be affixed permenently on left hand window splay at east end south wall Crypt

ORGAN 16 December 1980 DRc/Ac/
Discussion on costs and seeking further tenders..

FABRIC 16 December 1980 DRc/Ac/
Chapter authorised a prime cost contract be signed with Pennells & Spooner for work now in progress

Priorities for work to be carried out in 1981/82
Top priority:
Repairs to roof
Restoration of power supplies to bell chamber and steeple
Relighting bell chamber

Restoration of wall of N. Aisle of Nave £22,000
New Cathedral shop and porch to S. door £15,000
Inspection soffite roof and high arches Lady Chapel monitoring for movement £ 5,000

Middle priority:
Conversion to gas heating
Restoration of Bishop's gate £ 1,500
Organ cleaning, restoration £120,75

Low priority:
Lighting N. and S. Quire Transepts
Restoration of Nave Crossing Ceiling

PRECINCT 16 December 1980 DRc/Ac/
Gift of roses from Royal National Rose Society

CATHEDRAL PLATE 16 December 1980 DRc/Ac/
Candlesticks from St. Mary's Church, Chatham accepted £100; to be resilvered

Architect's proposals 1981 31 December 1980 DRc/DE/209/XI(b)

Nave N. Aisle: wall is black, features in decay. Disabled access might be through a re-opened Peoples' Door with ramp outside est. £20,700
Start programme monitoring movement various parts of structure.
Restoration wall £22,000

New Cathedral shop and porch S. door £15,000
Lady Chapel monitor movement £5000
Conversion to gas heating £1500
Restoration Bishops Gate (possible grant)
Organ cleaning, restoration £120,750
Lighting N. & S. Quire Transepts)
Restoration Nave crossing) On completion of above projects

WORK DONE 13 January 1981 DRc/DE/209/XII(c)
Walling repair Old Chapter House £3000
Choir N. windows (masonry) £1000
Gundulph Tower asphalt roof £1900
New skylight double glazed £800

PRESBYTERY wall 20 January 1981 DRc/DE/209/XII(i)
W.H. Sharpinton: engraver: invoice
List of Deans and Priors, preparing, painting wall, lettering in gold and Organists on organ loft door £747

ORGAN 24 January 1981 DRc/DE/209/XII(c)
Report by N.P. Mander. Complete history 'The Organ' Oct. 1928-Jan.1962. Last rebuild 1956, thorough and workmanlike, left rather unwieldy instrument which by virtue of its design likely to become increasingly unreliable in future.

PRECINCT gift of roses 26 January 1981 DRc/Ac/
Mr. Elwes of R.N. Rose Soc. visited: recommended bed for roses between Bishop's Gate and copper beech in Garth: roses 'Just Joey' apricot and perfumed.

CRYPT paintings 26 January 1981 DRc/Ac/
Agreed David Park be invited to includee Rochester in his survey of medieval English wall paintings

PROPOSED NEW CATHEDRAL SHOP & PORCH 26 January 1981 DRc/Ac/
Dean reviewed: income available to Friends less than anticipated; views of Cathedrals Advisory Commission not yet known; whilst Cathedral Council had approved scheme votes for raising loan..; not yet been costed; return to Cathedral of such project problematical; project unlikely to be completed by Flower Festival in June..agreed request to Friends for funds be not proceeeded with.

FINANCES 26 January 1981 DRc/Ac/
Clerk to apply to Friends for
a) substantial contribution towards restoration N.Nave wall, phase 1, estimated cost £12,000
b) sum £500 for cost re-lighting and running power supply to spire and re-lighting bell chamber
c) £3000 for re-location Northbourne pall chest...

CRYPT 29 January 1981 DRc/DE/XII(c)
Note to electrician: Royal Engineers making and installing new doorway for N. opening using whole arch - alteration required to lighting.

NAVE N. AISLE wall 11 February 1981 DRc/DE/XII(c)
Clerk to architect: Friends agreed to finance restoration £12,000 1st phase. Peoples' Door: particulalrly fitting for access disabled;

could it be undertaken during Year for Disabled? If not possible consideration provision for wheelchairs from door in N. Transept.

CROSSING 11 February 1981 DRc/DE/XII(c)
Clerk to architect: Friends' £5000 should be sufficient for going up to ceiling of Crossing.

LADY CHAPEL 11 February 1981 DRc/DE/209/XII(c)
Clerk to architect: Friends agreed finance monitoring high arches for movement.

PORTRAIT BISHOP SPRAT 23 February 1981 DRc/Ac/
Returned from Whitefriars

PRECINCT gift of roses 23 February 1981 DRc/Ac/
Proposed site unsuitable; now to be placed centre N. side Garth

LADY CHAPEL ceiling 25 February 1981 DRc/DE/209/XII(c)
Architect to Clerk: wet weather job for Pennells: soffite Lady Chapel roof and repairs: top priority.

CHAPTER ROOM 2 March 1981 DRc/DE/209/XII(c)
Oriel window, gargoyle above s. side split, part of stone fallen. It despatches water into hopper and r.w.p. - blocked, wall wet; may be reason s. wall Chapter Room so damp.

STONE 16 March 1981 DRc/De/209/XII(f)
Mesage: lot of god Chilmark coming out of Westminster Abbey late May/June; Architect to Pennells: may be last opportunity: please bring away as much useable stuff as becomes available

NAVE N.AISLE WALL 23 March 1981 Drc/Ac/
Architect had reserved contractors' time in August for work on wall, exploring possibility of re-opening the Peoples Door. Clerk to inform him that should this prove feasible an interior porch would be essential.

CATHEDRALS ADVISORY COMMITTEE 23 March 1981 DRc/Ac/
Chapter agreed in principle to enter into an undertaking to consult the Commission...about 'all controversial matters and matters of significance in relation to the Fabric'. The Surveyor to be informed accordingly.

CHOIR S. AISLE porch 23 March 1981 DRc/Ac/
Chapter agreed consider 1982/3 programme provision simple interior porch

NORTHBOURNE PALL CHEST 23 March 1981 DRc/Ac/
Agreed should be moved to new site, preferably on S. wall S. Nave Aisle, and architect be consulted about its removal and preparation of scheme for permanent display behind glass of pall in chest..

CHOIR S. AISLE 13 April 1981 DRc/DE/209/XII(c)
Abandonment of scheme for new shop also proposed interior porch for S. door; ?programme 1982/3. Consider simple interior door

CROSSING 22 April 1981 DRc/DE/209/XII(d)
Godfrey to Dean: proposed offer £5000 by Kent Archaeological Soc. ..consider incredible that a rescue unit should be involved investigating something safe from harm.. has always been on our programme..do bid you beware and temper your hopes..either we find original stuff, preserve and enhance its colour by careful re-colouring..or if all replaced..our own scheme..

24 April 1981 DRc/Ac/
Chapter noted Kent Archaeological Society proposing at next AGM to make sum £5000 available for restoration of roof of nave crossing: welcomed

CRYPT painting 24 April 1981 DRc/Ac/
Report commissioned by Surveyor from E. Baker and his comments were considered: agreed Dean to discuss and formal reference made to CAC's Wallpainting Committee..

NORTHBOURNE PALL CHEST 24 April 1981 DRc/Ac/
Donation £1000 received for restoring housing of pall...scheme to be prepared

CLOCK bell chimes 24 April 1981 Drc/Ac/
Uneven wear on ends of chiming levers uneven sound..quote £362 for re-soling from Gillett & Johnston; Dean to approach Royal School Military Engineering to see if could do reduced cost
18 May 1981 Drc/Ac/
Representatives of RSME agreed undertake re-soling provided no objection from Company responsible for its maintenance
15 June 1981 DRc/Ac/
Gillett & Johgnston raised no objection providing their engineer was in attendance when reassembled.

N.W. TRANSEPT windows 27 April 1981 DRc/DE/209/XII(h)
F.W. Skeat: estimate: plain glazing. Removal 6 heads of lights; temporarily glaze, strip panels, reglaze using reinforced steel core lead calms, refix, point up, long tie wires to heads of central stanchions (specified calms not available) £1353

WINDOWS Heraldry 26 May 1981 DRc/DE/209/XII(e)
Interpretation report: Norfolk Herald Extraordinary.

SPIRE 12 June 1981 DRc/DE/209/XII(c)
Water influx during heavy rain; timber inside clock s. face soaked, water onto bells; appears efforts to make spire waterproof failed or lead slipped.

CLERESTORY WALKWAYS 15 June 1981 DRc/Ac/
Contracts let to Pennells & Spooner for provision of fastenings and erection of strainer wires to Medway Slings. Work in hand..£4300

MARBLE COLUMNS 25 June 1981 DRc/DE/209/XII(c)
Clerk to L.Robinson & Co...number marble columns diameter up to 6" showing stress. Vertical cracks occurred in a number; architect suggested encircling with Jubilee clips in longlasting materials, right colour ? bronze; aware are available in stainless steel.
Reply: clips not available bronze

CATHEDRALS ADVISORY COMMISSION 26 June 1981 DRc/Ac/
Dean moved that for..five years Dean and Chapter undertake to consult the C.A.C. before entering ito or undertaking any work or works to preserve, alter, or add to the Cathedral which affect architectural, artistic, historical or archaeological significance of the Cathedral or its surrounds...to include liturgical furnishings, fittings, sale or removal of objectsof value...free to accept or reject advice..but if rejected advice would give reason in writing...

NAVE N.AISLE N.wall 26 June 1981 Drc/Ac/
Surveyor of the Fabric to attend next Chapter to submit proposals

S.CHOIR AISLE porch to S. door 26 June 1981 Drc/Ac/
Architect to be asked to prepare sketch plans and provisional costings view to being done next year

CHOIR S. AISLE 1 July 1981 DRc/De/209/XII(c)
Clerk to architect: Chapter considers provision S. door becoming important; please give preliminary thought, prepare sketch shemes and costings for next Chapter.

20 July 1981 DRc/Ac/
Architect presented sketch scheme for outside porch. Asked consent to take levels and work up scheme bearing in mind possible future requirements for covered way to St. Andrew's Centre for Visitors and possibly along E. side of Garth; provisional estimate £8000; Chapter welcomed proposals and asked him to take levels and further detailed drawings for porch and sketch plans for Cloisters.

SAFETY HARNESSES installed 6 July 1981 DRc/DE/209/XII(c)
Inspector's recommendations and reply; installations completed, safety belts, harnesses, etc. for Health & Safety legislation. (Design loads, calculations, correspondence with R.W. Burch, engineer all in DE/209/XIIg)

ORGAN 20 July 1981 DRc/Ac/
Reasons for impossibility complete re-building: aesthetic, financial...

NAVE N. AISLE N.wall 20 July 1981 DRc/Ac/
Surveyor reported Pennells & Spooner retained to start work in August commencing at W. end, and to include re-opening of the People's Door. Drawings submitted. Provisional costs: new door £4000; other work £11,000, plus VAT and fees. Chapter did not regard this scheme as being of highest priority or to be undertaken in

current financial year. Chapter requested work should start from E. end.

CLOCK chimes resoled by R.S.M.E. 20 July 1981 DRc/Ac/

CRYPT N. door 11 August 1981 DRc/DE/209/XII(c)
Arrange mortice deadlock transfer from existing and ring handle..

NAVE N. AISLE N.wall: work commenced 21 September 1981 DRc/Ac/

S.PORCH 21 September 1981 DRc/Ac/
Architect reported encouraging response to proposal from C.A.C.

CLOCK chimes 21 September 1981 DRc/Ac/
Still not operating correctly..Gillett & Johnston to re-attend..

FURNITURE 21 September 1981 DRc/Ac/
Chests behind High Altar: agreed seek consent C.A.C. for sale of two boxes on grounds that redundant and not used in sacred worship..

PRECINCT College garden 21 September 1981 DRc/Ac/
Instructions for post and rail fence with two gates between College and n. boundary...

CATHEDRAL ARCHEOLOGIST 21 September 1981 DRc/Ac/
Guidelines received from C.A.C. on appointment of Consultant Archeologist..Surveyor to the Fabric to be informed..

N.W. TRANSEPT N. door 21 September 1981 DRc/Ac/
Access for disabled: Surveyor to Fabric to investigate whether upper step could be removed and ramp constructed..

FURNITURE Bishop's Crook 21 September 1981 DRc/Ac/
To invite Bishop to provide replacement for cabinet beside throne..

CLOCK 21 September 1981 DRc/Ac/
S. face damaged in storm during night 19 Sept.

WALLPAINTING 21 September 1981 Drc/Ac/
Dean quoted from letter from Secretary C.A.C. Agreed discuss with Surveyor

NAVE N. AISLE wall 9 October 1981 DRc/DE/XII(c)
Disabled access: could upper step be removed and ramp constructed inside
Site meeting 16 October 1981 DRc/DE/209/XII(f)
Galletting shouldj be retained where sound; unsound - replace lime mortar. Badly eroded stones haphazardly in facing renew in Chilmark, ie if 1½" or more from back of face.. Plastic repair: existing non matching cut out from mullions and jambs to ascertain structural soundness. Decsion then better matching, repair, or renew. Label mouldings general appearance and exact if possible of original stones, ie bonding random, depending size and shape of stones available.(assumed fresh stone, having stood up to exposure

when laid on bed, will not need to be crosjs bedded: mejthod would result in many more stones to each label than at present and throw outofkeeping with original). Surviving original section window at w. end cut out and follow detail for all renewals after comparison with that window 3 previously renewed (presumably during 1802 restoration). Different section provide for window 1 (part next year's work).
Mullions: note be taken any found renewed back to glass line.
Window 6: mullion: top stone renew 2 parts pinned
Window 5: all mullion stones be renewed back to glass line except that immediately below springing. Part of bottom stone may be retained as through stone, base too eroded at bed on stooling for retention.

Crack at parapet: horizontal crack in external facing at base. Cause may be inward bending of parapet in contrast to outward lean of wall as whole; to be established. Other possible causes: rusting longitudinal iron bar (such as had to be extracted recently from less S. Transept where same problem); to open facing for investigation or may be due thrust from aisle roof; rafters to be examined to find whether movement occurred from supports above nave arcade.
Buttresses: decided renew top weatherings and offset slabs similar to present, using Clipsham; neither traditional nor sightly method, normal weathered stone or pair of stones preferable. Simple slab no doubt used at last restoration for a purpose, ie not to detract from authenticity of original work. Final decision will be made next meeting to provide normal off set stones.

CLOCK 19 October 1981 DRc/Ac/
Quotation £365 for installation controls to turn off quarter hour chimes at night laid on table

FURNITURE Bishop's crook 19 October 1981 DRc/Ac/
Bishop agreed lend Bishop Harmer's crook in silver and ebony..to be fixed permanently in glass case adjacent to throne..

ANNUAL INSPECTION OF FABRIC 19 October 1981 DRc/Ac/
Resolved in accordance Statute VIII(5) that there should be annual inspection fabric, furnishing and valuables..including sacred vessels, vestments, and external environment..first such inspection 15 December 1981...

FURNITURE Memorial chalice Mark Bushnell 19 October 1981 DRc/Ac/

SPIRE 21 October 1981 DRc/DE/209/XII(Dc)
Clerk to architect: severe ingress water following N.W gale yesterday. ?bring forward re-covering spire

HEATING 26 October 1981 DRc/DE/209/XII(c)
Report on conversion to gas. Wansons

NAVE N. AISLE wall 13 November 1981 DRc/DE/209/XII(o)
R.W. Burch, engineer: correspondence re dimensions, bearing plates,

calculations, drawings of tie bars. 15 sets mild steel angle cleats to match width existing wood beam drilled for coach screws and sleeved tie bar. Stainless steel grade 316. Plain round bar 25 mm. dia...5th tie beam from E. special plating details....

18 November 1981 DRc/DE/XII(c)

Parapet being lifted by rusting iron which ties principal rafters, altered plans for current repairs. Scaffolding put up to wash. Repairs and reinstatement then intended as far west as £9000 would allow. Ordered new steelwork £1700 out of available funds, extra cost extracting old installing new. Instructed Pennells stop dressing stones, start E. end fixing them; commitment to pay for steel jwork will halt leaving holes unfilled and number of stoneless matrices. Could Friends divert monies by postponing internal work? Stainless steel ties - only half would be installed this year unless funds available.

NAVE N. AISLE roof 4 December 1981 DRc/DE/209/XII(f)

Carden & Godfrey to contractor:

..tie beams: a little wet rot and beetle attack evident ends of some beams which bear on oak chocks rather than a continuous plate; in worst case chock completely disintegrated, another been replaced with brickwork. Decided enough sound timber remained in even worst beam end to continue provide sufficient bearing. Frass and decayed timber to be stripped off and remaining timber given thorough treatment. Methods discussed..deeply penetrating systems such as pressure injections and bodied mayonnaise paste treatments most effective, can diffuse into inaccessible bits of timber, which spraying or brushing cannot reach. Leaflet enclosed about Woodtreat paste, Sovereign Deepkill (similar) and Wykamol make a similar product..none available except through specialist firms..timber chocks also to be treated. Concrete pad to be cast in place of missing one, with a slate or piece of DPC under beam end.

Rafters and wallplate: copper gutter is on brown felt direct onto wall top. Rafters of roof covering, and ceiling rafters below them, appear to stop at wall face without either purlin or wallplate to support them. No sign of distress, but enough opening up is to be done to establish form of construction so that we can prepare a record drawing.

Buttress offsets: Chilmark stone now available

NAVE N.AISLE 9 December 1981 DRc/DE/209/XII(c)

Clerk: Chapter agrees postpone interior work; hope monies diverted temporarily enable ties be installed and work in section washed completed.

Architect: would be pity not complete external repairs; recommended this as 3rd priority nearly 30 years ago: appearance essential.

SPIRE 11 December 1981 DRc/DE/209/XII(c)

Architect to Clerk: always looming necessity to re-lead; major operation. An appeal may be necessary to finance. Another temporary attack on it with steeplejacks £2000. Clerk reply: no monies available.

S.PORCH 14 December 1981 DRc/Ac/
Chapter received model and elevation of preliminary designs for new porch and roof for N. and E. side Cloister Garth: agreed provision new external porch

NAVE N. AISLE N. wall 14 December 1981 DRc/Ac/
Agreed seek financial support of Friends for completion of restoration estimated cost £5000...

N.W. TRANSEPT N. door 14 December 1981 DRc/Ac/
Agreed entrance be adapted for disabled

NAVE N. AISLE wall 16 December 1981 DRc/DE/209/XII(f)
Carden & Godfrey to contractor: confirmation meeting:..adjustments to labels two eastern windows successfuly carried out. Mullion and cill repairs and making good after some tie bar renewals still to be done.
Buttress offsets: no suitable model exists on Cathedral; therefore enclose two copies drawing showing simple drip moulding required; reported that stone is available in large enough blocks to get offsets out in one stone in height on natural bed, but not in width. Vertical joints will therefore have to break bond with quoin stones above and below offsets.

NAVE N. AISLE roof 16 December 1981 DRc/DE/209/XII(f)
Carden & Godfrey to contractor: Ties on 10 beams complete, but 11th beam adjacent to gutter outlet, too decayed for same cleated connection to work. tie beams: Mystox 'woodtreat' applied to top and sides of beams already dealt with. Beam adjacent to rainwater outlet been hollowed out from underside by deathwatch beetle. Fungus and beetle attack evident on casing timbers and dummy wall post. Revised detail sought from engineer. Existing iron tie still in situ, beam safe to be left over Christmas holiday.
Rafters and wallplate: opening up revealed roof rafters do bear on a wall plate which lies above level of tie beams. Ceiling rafters supported at wall face on a small plate suspended from wallplate by iron straps. Details recorded, no further action required at this stage.

ORGAN 18 December 1981 DRc/DE/209/XII(c)
Opinion of Johannes Klaus sought following discussions on its re-ordering or rebuilding between architect and Chapter.

ARCHITECT 14 Decemnber 1981 DRc/DE/209/XII(c)
Clerk to Godfrey: Dean and Chapter wish me to convey their appreciation of your care of the fabric and close personal interest in all matters of concern to the Dean and Chapter.

PRECINCT 23 December 1981 DRc/DE/209/XII(c)
Architect presented model and drawings of proposals for Cloister Garth roof N. and E. sides. Friends to be asked to meet part of cost of external porch to S. door

1 9 8 2

NAVE N. AISLE N. wall 25 January 1982 DRc/Ac/
Friends' Executive Committee to recommend that additional cost be met from Emergency Fund in 1981/2 programme, and they to agree to meet cost of completion of cleaning and restoration in 1982/3

N.W. TRANSEPT N. door 25 January 1982 DRc/Ac/
Friends to finance alteration to provide disabled access. Est. £1221

PRECINCT 25 January 1982 DRc/Ac/
Dean reported conversations with parish of Rochester when had been proposed that boundaries of Cathedral Precinct be enlarged as far as river to N. and W...map to be prepared for consideration

FINANCES 1 March 1982 DRc/Ac/
Chapter approved reinstatement of Minor Works Programme which had been temporarily deferred in favour completion first phase restoration N. Nave wall; agreed execution second phase during 1982 and for adaptation of N. door in acordance Surveyor's drawing formally approved.

FURNITURE Sale of two chests 1 March 1982 DRc/Ac/
C.A.C. no objection

S. PORCH 1 March 1982 DRc/Ac/
Detail drawings received, to be constructed in oak, plate glass, clay pantiles. Design prepared with possibility of covered walkway on N. side Garth. Estimate £8000. Further consideration next meeting

NAVE N. AISLE wall 30 March 1982 DRc/DE/209/XII(c)
Peoples' Door: disappointment not going ahead until a donor found. Friends agreed £6325 2md phase restoration.

CLOCK chimes 22 March 1982 DRc/Ac/
Report from Gillett & Johnson; chimes now opeating satisfactorily..their attention to be drawn to hour bell still sotto voce

FURNITURE Chests sold £1100 22 March 1982 DRc/Ac/

PALL CHEST and Northbourne Pall 22 March 1982 DRc/Ac/
Discovered that chest originally designed and made to fit Treasury from when had been moved in 1948. Agreed its removal back to Treasury

S. PORCH 22 March 1982 DRc/Ac/
Resolved: design be approved..C.A.C. be approached for approval and local authority for planning consent..to invite trainees under Community Enterprise Programme to construct during winter 1982/3

PRECINCT Cloister Garth 22 March 1982 DRc/Ac/
Field Monument Warden of Dept. Environment inspected..scheduled under Ancient Monuments and Archaeological Areas Act 1979. Noted medieval arcading E. side deteriorated .. to enquire about grant aid for protection

S. PORCH 6 April 1982 DRc/DE/209/XII(c)
Chapter approved designs. To apply to Cathedrals Advisory Committee

PRECINCT 14 April 1982 DRc/DE/209/XII(o)
Godfrey to Cathedrals Advisory Committee: protection of sculptures garth walls: correspondence re proposed new porch and future Garth pentise along E. wall:..proposal roofs be covered rich coloured pantiles supported on oak posts for wide section oak brackets..(C.A.C. approval of proposals 14.8.81,3.9.81)

TREASURY 20 April 1982 DRc/DE/209/XII(c)
Proposal permanent exhibition: chest could be dismantled; spiral staircase suitable access general public, badly worn, boarding temporarily, repair with stone by degrees. Needs handrail or rope. Limewashing, improved lighting, cleaning and ?polish 'bakers oven' floor tiles

NAVE N. AISLE N. wall 26 April 1982 DRc/Ac/
Reported that Architect issued 3rd certificate, payments authorised to Pennells & Spooner totalled £13,750..

S.PORCH 26 April 1982 DRc/Ac/
Noted that application for approval to C.A.C. had been made

PALL CHEST 26 April 1982 DRc/Ac/
Architect confirmed practicable for it to be returned to Treasury: agreed work be undertaken

TREASURY 26 April 1982 DRc/Ac/
Public access: architect accepts that could be provided and a window opened to give a view of Cathedral Quire...

S.PORCH 25 May 1982 DRc/Ac/
Approval of C.A.C. obtained, planning consent applied for. Possibility of grants from local authority etc to be sought...

PALL CHEST removal to Treasury 25 May 1982 DRc/Ac/
Estimate £750 received from Architect. Second quotation be obtained local firm

30 June 1982 DRc/Ac/
Estimate £310 from T.M. Pattenden accepted: work to be put in hand

S. PORCH 30 June 1982 DRc/Ac/
Estimate £12,110 excluding labour...

FINANCES 19 July 1982 DRc/Ac/
Chapter and Friends expenditure on fabric 1980/81 £25,368, £30.634 1981/82. Legacies to be sought to build up Endowment Fund..

S. PORCH 19 July 1982 DRc/Ac/
Meeting with Architect and Planning Officer arranged for 12 August to discuss application and public comment thereon...

SURVEYOR TO THE FABRIC Emil Godfrey 20 September 1982 DRc/Ac
Chapter learned with great regret of the death on August 6th in an accident of Mr. W. Emil Godfrey, FSA RIBA, Surveyor to the Fabric. The Chapter Clerk was instructed to send the Chapter's condolences to Mrs. Godfrey

SURVEYOR TO THE FABRIC 20 September 1982 DRc/Ac/
Discussion on method of appointment...
Custodian reported that Messrs. Carden, Godfrey Macfadyen and Sturgis, Mr. Godfrey's firm, are prepared to act as Surveyor to the Fabric in the interim. Mr. Ian Stewart was nominated as the partners' representative for Rochester, and he would be surpervising work already authorised on the north wall of Cathedral nave.

PRECINCT lighting scheme 20 September 1982 DRc/Ac/
Proposed improvement street lighting at College Yard to be carried out by Rochester City Council

S. PORCH finances 20 September 1982 Drc/Ac/
£3000 received Rochester City Council as grant; Kent County Council £20,000 interest free loan ..

PLANS OF THE CATHEDRAL 20 September 1982 DRc/Ac/
Custodian reported only plans available were those updated from drawings prepared by St.John Hope, and out of date...commission for new plans be deferred until appointment of new Surveyor..

NAVE N.AISLE N. wall 20 September 1982 DRc/Ac/
Custodian reported satisfactory progress with cleaning of remaining part of N. wall and of People's Door.

S. PORCH 20 September 1982 DRc/Ac/
Authority given for planning application for porch to S. door and Pentise on N. and E. sides of Cathedral Garth to be proceeded with, subject to amendments discussed with Local Authority:
1) Use of Kent Peg tiles on roof in place Pantiles
2) Omission Georgian wired glass from roof of porch
3) Omission from application of capping to E. wall of Norman Chapter Room

NAVE N.AISLE N. wall 18 October 1982 DRc/Ac/
Cleaning reported as completed. Anticipated stonemason would be on site shortly, delayed by inclement weather. Contractor agreed to work on the interior from 3 January 1983.

ST.JOHN THE BAPTIST CHAPEL 18 October 1982 DRc/Ac/
Medieval floor tiles: report received from Architect recommending first aid repairs to loose tiles..est. £275..Custodian agreed discuss matter with acting Surveyor to Fabric and approach Friends for financial assistance

SOUTH PORCH 18 October 1982 DRc/Ac/
Revised drawings received incorporating agreed amendments: approved; instructions given planning consent be sought in respect of construction of porch only. Proposed pentise to be removed from application..financial arrangements discussed...

ANCIENT MONUMENTS ACT 18 October 1982 DRc/Ac/
Visit by Chief Regional Inspector and Architect of Department of Environment: had indicated grants of 25%-50% of cost of conservation work might be available..concerned that medieval arcading on E. side Garth deteriorating very fast, arranging for Senior Conservation Architect of D. of E. to prepare a report as matter of urgency.

ST.JOHN THE BAPTIST CHAPEL 22 November 1982 DRc/Ac/
Friends had agreed to meet cost of first aid repairs £275; agreed work should proceed

SOUTH PORCH 22 November 1982 DRc/Ac/
Revised planning application submitted to Local Authority which will make its recommendations known to the D.of E.

CATHEDRAL FABRIC Report by Custodian 29 November 1982 DRc/Ac/
Canon E.R. Turner reported on his year since election: detailed inspection of Cathedral completed. Mentioned tragic death of Mr. Godfrey, suggestions for his successor were being canvassed.. Mr. Godrey's plan for cleaning and restoring external elevation of the Cathedral had been virtually completed, major items remaining included re-covering the spire, alteration and partial re-building of the organ, replacement of heating system, and provision adequate toilet accommodation. Externally planning consent applied for provision of porch to S. door, to conserve heat and allow use of door in winter for access to Garth..

FABRIC 24 January 1983 DRc/Ac/
Pennells & Spooner were working under direction Carden, Godfrey, Macfadyen and Sturgis. Inspection and repairs had been completed to ceiling of the Lady Chapel, work currently in progress to roof of the Quire.

S.DOOR PORCH 24 January 1983 DRc/Ac/
Permission obtained from Rochester City Council for construction of proposed external glazed porch...

CATHEDRAL FLOODLIGHTING 24 January 1983 DRc/Ac/
City Council had appointed Evans and Langord, consulting structural and civil engineers, and Dudley Marsh, architects, to advise floodlight schemes...hoped to light part of Cathedral..

SECURITY 24 January 1983 DRc/Ac/
From 1st January alarm system routed to a central station operated by Shorrocks Security Systems rather than the police....

GARTH 24 January 1983 DRc/Ac/
Report received from Inspector of D. of E. Research and Technical Advisory Service indicated arcading on east side required extensive work: report in hands of architects. No action proposed pending appointment of Surveyor to the Fabric.

S. PORCH 28 February 1983 DRc/Ac/
...Chapter agreed that subject to there being no objection from Mr. Caroe, Carden, Godfrey, Macfadyen and Sturgis be retained in connection with construction

APPOINTMENT SURVEYOR TO THE FABRIC 28 February 1983 DRc/Ac/
...Resolved that subject to negotiation on satisfactory terms Mr. Martin B. Caroe be appointed with effect from 1st April 1983, for a term of five years.