SCHS 479.00

Creator: Cummings & McCrady.

Description: 17 linear ft.

Scope and content: Records of this architectural and engineering firm of Charleston (S.C.) consist of project records chiefly pertaining to repair and restoration work on two historic Episcopal churches in Charleston.

St. Michael's Church project records (1979-1995) includes a series of project files relating to repairs, conservation and restoration work, much of which resulted from damages caused by Hurricane Hugo in 1989. Work at St. Michael's included the restoration of the wooden spire, rebuilding of the gold leaf ball and lightning protection system, the complete stripping of interior and exterior architectural wood details, masonry repair, stucco and plaster repair, and the relaying of slate shingles on the roof and replacement of copper gutters. In addition, the steeple clock faces and hands were restored by Smith of Derby (England), and the church bells were sent to the Whitechapel foundry in London for conservation work. St. Michael's records also include records of earlier projects, including the remodeling of the parish house.

Records of St. Philip's Church work chiefly pertain to restoration and repair of the church after Hurricane Hugo caused more than four million dollars in damage. Also included are records of earlier projects undertaken for the church by Cummings & McCrady, including renovations to the rectory at 92 Church Street. St. Philip's records include related photographs and oversize blueprint drawings.

Miscellaneous project files include records of work on the Marine Corps Air Station. Laurel Bay housing area, the old Charleston city jail, the Charleston Naval Base, Sullivan's Island Elementary School, and Trident Technical College. There are also oversize drawings and plans relating to work on properties in Charleston (S.C.) including 29 Broad Street, 4 Ladson Street, 15 Meeting Street, 58 Meeting Street, and 149 Wentworth Street.


Search terms:  
Cummings & McCrady.  
St. Michael's Episcopal Church (Charleston, S.C.)  
St. Philip's Church (Charleston, S.C.)  
Architectural firms -- South Carolina -- Charleston.  
Architecture -- Conservation and restoration.
Church bells.
Church buildings -- South Carolina -- Charleston.
Hurricane Hugo, 1989.
Charleston (S.C.) -- Historic buildings.

Series Outline:
479.01 St. Michael’s Church records, 1979-1995 (Boxes 1-13)
479.02 St. Philip’s Church records, 1960-1996 (Boxes 14-28)
479.03 Miscellaneous Project Files (Boxes 28-30)
479.03 Photographs (Box 30)
479.04 Oversize items (Boxes 31-32 and flat drawers)

Container list:
BOX 1
479.01 St. Michael’s Church records, 1979-1995
These records chiefly pertain to repairs, conservation and restoration of St. Michael’s Episcopal Church by the architectural and engineering firm of Cummings & McCrady from December 1991 to February 1994. One series of documents, labeled “Project Files” by Cummings & McCrady, is found in boxes 1 to 7. Most of the records following this series are related but are often labeled “Hurricane Hugo” repairs (boxes 7-13). Box 13 contains some records of earlier repair projects, including the remodeling of the parish house, dating from 1978 to 1989. Work at St. Michael’s Church included the restoration of the wooden spire, rebuilding of the gold leaf ball and lightning protection system, the complete stripping of interior and exterior architectural wood details, masonry repair, stucco and plaster repair, and the relaying of multicolored slate shingles on the roof and the replacement of copper gutters. Also, the four steeple clock faces and clock hands were restored by Smith of Derby (England). The church bells were sent to the Whitechapel foundry in London, where their rusted iron crown staples were replaced with bronze, a material better suited to a salt air environment.

St. Michael’s Church records: “Project Files”
01 Fee data, scope, cost estimate
02 Correspondence to owner, 1992
03 Correspondence to owner, 1992-1995
04 Correspondence from owner, 1992-1994
05 Correspondence with government agencies
06 Consultants: ASG Forwarding
07 Consultants: G. C. Bagley
08 Consultants: John Bivens
09 Consultants: Cohoes Design
10 Consultants: P.A. Cummins

BOX 2
01 Consultants: DCF Engineering
02 Consultants: David Egan
03 Consultants: Eayre & Smith
04 Consultants: George T. Fore & Associates
05 Consultants: T. W. Graham Restorations
06 Consultants: Hill Construction
07 Consultants: International Fine Art Conservation Studios
08 Consultants: Kenneth Jones and Associates
09 Consultants: Kenneth Jones and Associates

BOX 3
01 Consultants: Maersk
02 Consultants: Moore Gard Exterminating
03 Consultants: Matthew J. Mosca
04 Consultants: Owens & Associates
05 Consultants: Richard Parsons
06 Consultants: Rambusch
07 Consultants: Revere
08 Consultants: Smith of Derby
09 Consultants: Smith of Derby
10 Consultants: George Sexton Associates

BOX 4
01 Consultants: George Sexton Associates (SEE ALSO oversize booklet on top of box)
02 Consultants: Soil Consultants
03 Consultants: Southeastern Regional Conservation Center
04 Consultants: Taylor Bells
05 Consultants: Visa Lighting
06 Consultants: Ken Wheeler, Inc.
07 Consultants: Whitechapel Bell Foundry
08 Consultants: Whitechapel Bell Foundry
09 Consultants: Whitechapel Bell Foundry
10 Contractors (correspondence)
11 Other correspondence
12 Owner (correspondence)
13 Other (correspondence)
14 Telephone memos

BOX 5
01 Minutes of meetings
02 Transmittals
03 Price quotes
04 Design program notes/user review comments
05 Design
06 Design
07 Design
08 Promotional information

BOX 6
01 Construction administration files: contractor minutes
02 Construction administration files: correspondence to contractor
03 Construction administration files: correspondence from contractor
04 Construction administration files: price quotes
05 Construction administration files: change orders
06 Contractors file
07 Contractors file
08 Photographs (the return of St. Michael’s bells)
09 Miscellaneous items

BOX 7
01 Report and outline proposal for stained glass windows
02 St. Michael’s hurricane Hugo repair files: change orders
03 Letters of transmittal and estimates
04 Letters of transmittal
05 Letters of transmittal
06 Specs (paint removal materials)

BOX 8
01 Hurricane Hugo repair files: meeting minutes
02 George T. Fore & Associates correspondence
03 BAR review
04 Engineering calculations
05 Data re stained glass and decorative paint
06 Contractor correspondence
07 Contractor correspondence
08 Pay requests

BOX 9
01 Hurricane Hugo repair files: contractor and legal correspondence, notes, etc.
02 “General notes – to file”
03 Hill Construction correspondence
04 Hill Construction correspondence
05 Contractor correspondence and contracts
06 Insurance settlement information
07 Dawson Engineering correspondence

BOX 10
01 Hurricane Hugo repair files: correspondence, 1990-1991
02 Correspondence, 1992
03 Proposals, contracts, and related correspondence
04 Structural evaluation material
05 “St. Michael’s – Hurricane Hugo Restoration Specifications” (1992), unbound copy

BOX 11
01 “Hurricane Hugo Repairs to St. Michael’s Church” (1991 draft copy)
02 “Hurricane Hugo Repairs to St. Michael’s Church” (1992, marked as “old” copy)
03 “Hurricane Hugo Repairs to St. Michael’s Church” (March 5, 1992)
04 “Hurricane Hugo Repair and Restoration” (August 1992)
05 Tensile testing reports, 1992
06 Steeple structural evaluation report, 1992
07 Association of Restoration Specialists, letter and list of projects, 1992
08 Correspondence and notes relating to changes to specifications, 1992-1993

BOX 12
01 “HVAC Specs”
02 “Mechanical and electrical specifications” (1993)
03 Laboratory report regarding exterior lime wash coating, 1992
04 Information re Washington University Technology Associates
05 “St. Michael’s bells and organ”
06 Correspondence, payment records, 1991-1994
07 Correspondence, comments, etc., 1991-1993
08 Correspondence relating to paint and stucco
09 Correspondence relating to weather vane and lightning protection
10 Correspondence relating to stained glass windows
11 Correspondence relating to wood testing, scaffolding, and stone testing and conservation

BOX 13
01 Correspondence relating to wood testing, scaffolding, and stone testing and conservation
02 St. Michael’s Church tower repair records, 1978-1979
03 St. Michael’s Church repairs records, 1979-1982
04 “Specifications for Remodeling Parish House,” 1989

BOX 14
479.02 St. Philip’s Church records, 1960-1996 (bulk 1988-1994)
These records chiefly pertain to Cummings & McCrady’s restoration and repair of St. Philip’s after Hurricane Hugo caused more than $4 million dollars in damage to the church in 1989. Also included are records of earlier projects undertaken for the church by this firm, including renovations to the rectory at 92 Church Street.
01 Foundation study report, 1960
02 Records of work to the church home-office, 166 Church St., 1980-1985
03 St. Philip’s Church records, 1985-1986
04 Notes and drawings, 1988
05 “Conditions Analysis and Conservation Study” 1988
06 Papers relating to renovations to 92 Church Street, 1987-1988
07 Papers relating to renovations to 92 Church Street, 1988
08 Papers relating to renovations to 92 Church Street, 1989
09 Papers relating to the “Little School” and day care, 1988
10 Reports by George T. Fore & Associates, 1988-1991 (soil borings, condition analysis, etc.)

BOX 15
01 St. Philip’s Church correspondence and records, 1984-1989
<table>
<thead>
<tr>
<th>Box</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>Drawings, brochures, newsletters, 1980s</td>
</tr>
<tr>
<td>03</td>
<td>St. Philip’s Church restoration records, 1989-1990</td>
</tr>
<tr>
<td>04</td>
<td>St. Philip’s Church foundation records, 1988-1992</td>
</tr>
<tr>
<td>05</td>
<td>St. Philip’s Church foundation records, 1991-1992</td>
</tr>
<tr>
<td>06</td>
<td>St. Philip’s Church foundation records, 1991-1992</td>
</tr>
<tr>
<td>07</td>
<td>Craig M. Bennett, Jr. file on St. Philip’s Church work, 1989-1990</td>
</tr>
</tbody>
</table>

**BOX 16**

| 01 | “Masterplanning and Miscellaneous Design” file, 1987-1988 |
| 02 | “Masterplanning and Miscellaneous Design” file, 1989 |
| 03 | “Masterplanning and Miscellaneous Design” file, 1990 |
| 04 | St. Philip’s Church and steeple restoration file, 1987-1991 |
| 05 | Church restoration and steeple restoration file, 1988-1989: plans, notes on specs, etc. |
| 06 | Correspondence re: “St. Philip’s Church Restoration/Renovation,” 1990-1992 |
| 07 | Miscellaneous drawings, images and plans (including steeple), ca. 1990 |
| 08 | “Hazard Assessment and Abatement Report,” 1991 (removed from binder) |

**BOX 17**

| 01 | “Diary,” 1990-1991 |
| 02 | St. Philip’s vestry: minutes and notes, 1991 |
| 03 | “Notes and correspondence,” 1991 |
| 05 | St. Philip’s Church property committee records, 1991-1992 |
| 06 | “Design Development” file, 1991 |
| 07 | Restoration and addition proposal by Ruscon Construction Company, 1990 |
| 08 | Revised budget estimates, plans, etc., Ruscon Construction Company, 1991 |

**BOX 18**

| 01 | Grout compaction proposal, Heyward Baker, 1991 |
| 02 | Records relating to church organ and acoustics, 1991 |
| 03 | Notes and correspondence, 1991 |
| 04 | Notes and correspondence, 1991-1992 |
| 05 | Correspondence, notes, and other records, 1991-1992 |
| 06 | Correspondence, notes, and other records, 1992 |
| 07 | “St. Philip’s Church Roof Submittals,” 1989-1993 |

**BOX 19**

| 01 | St. Philip’s Church contracts, 1989-1991 |
| 02 | Minutes of meetings (property committee, etc.), 1991-1992 |
| 03 | “Crack monitoring and church wall” file, 1990-1992 |
| 04 | “Stucco falling and plaster” file, 1991-1992 |
| 05 | “Insurance Requirements” file, 1992 |
| 06 | “Hugo Repair/Insurance” file, 1992 |
| 07 | Correspondence and notes relating to church organ, 1991-1992 |
| 08 | “Lightning Protection” file, 1992 |
| 09 | “Contracts and schedules” file, 1991-1992 |
BOX 20
01  DCF Engineering report, 1992
02  “Geotechnical Review” by Ogden Company, 1992
03  “Hurricane Hugo Repair Specifications” file, 1992
04  “Insurance Settlement” file, 1992
05  Shenandoah Studios brochure, 1992 (stained glass)
06  Restorations, Inc. brochure, 1992
07  Jahn Engineering: analysis and advice on plaster restoration, 1992
09  University of Pennsylvania Historic Preservation information, 1992
10  “S.T.P. – Structural” file, 1992

BOX 21
01  Sacristy addition specifications, 1992
02  Sacristy plans and drawings

BOX 22
01  “St. Philip’s Renovation and Sacristy” specifications, 1992
02  “St. Philip’s Renovation and Sacristy” specifications, 1992
03  Correspondence and records relating to church restoration, 1992
04  Correspondence and records relating to church restoration, 1992
05  Lindbergh & Associates guide relating to seismic safety, 1992

BOX 23
01  Correspondence and records relating to church restoration, 1992
02  Correspondence and records relating to church restoration, 1992
03  Correspondence and records relating to church restoration, 1992
04  Correspondence and records relating to church restoration, 1992
05  Correspondence and records relating to church restoration, 1992

BOX 24
01  Hurricane Hugo repairs estimate (draft), 1992
02  Hurricane Hugo repairs cost estimate, 1992
03  Hurricane Hugo repair specifications, 1992
04  Colortran submittal package, 1993
05  Billing and payment correspondence and records, 1987-1990
06  Billing and payment correspondence and records, 1991-1992
07  Billing and payment correspondence and records, 1993-1994
08  Change orders and pay requests, 1993

BOX 25
01  Change orders and pay requests, 1993
02  Contractor correspondence, 1992
03  Contractor correspondence, 1993 (June – Dec.)
04  Contractor correspondence, 1993 (Jan. – May)
05 Contractor correspondence, 1994
06 Lighting file, 1993
07 Historic interior paint finishes report, 1993
08 “St. Philip’s Hurricane Hugo Damage” file, 1990-1993
09 “St. Philip’s Restoration: Organ”

BOX 26
01 Miscellaneous notes, records, and drawings, 1990-1993
02 “St. Philip’s trash” file (drawings and plans)
03 “Specsystem” data
04 “Shop drawings” and other records, 1993
05 Correspondence, notes and miscellaneous records, 1993
06 Correspondence, notes, and drawings relating to sacristy renovations, 1993
07 St. Philip’s Church renovation correspondence and notes, 1992

BOX 27
01 St. Philip’s renovation correspondence and notes, 1993
02 “St. Philip’s Parish House Renovation – Addition” project manual, 1992
03 Conservation and deterioration study (draft?), no date
04 Articles and clippings, 1987-1994
05 Information relating to Chancel Construction, Inc., 1990-1991
06 Information relating to Jahn Engineering and its products
07 Keller Company brochure, 1991 (German sister company of Heyward Baker; German text)
08 “Test and Balance Report,” 1994 (Carolina Air and Water Balancing Co.)

BOX 28
01 “St. Philip’s – Roofing” file, 1994
02 “St. Philip’s Clock/Bells” file, 1993 (removed from hanging files)
03 “Owner” file (correspondence). 1992-1994 (removed from hanging files)
04 Consultants file: DCF, 1993 (removed from hanging files)
05 Consultants file: Owens & Assoc., 1992-1994 (removed from hanging files)
06 Consultants file: “General” 1993 (removed from hanging files)
07 Ruscon meeting minutes, 1992-1994 (removed from hanging files)
08 St. Philip’s Church: miscellaneous records, 1988-1992

479.03 Miscellaneous Project Files
09 Marine Corps Air Station repair specifications, [1989?]
10 Laurel Bay housing area repair specifications, [1989?]

BOX 29
01 Old Charleston City Jail roof repair specifications, 1992
02 Charleston Naval Base work specifications, [1989?]
03 Sullivan’s Island Elementary School work specifications, 1992-1993
04 Sullivan’s Island Elementary School work specifications, 1992-1993
05 Trident Technical College roofing work specifications, 1994
BOX 30
01 Trident Technical College roof work specifications, 1994
02 Trident Technical College Learning Resources Center specifications, n.d.
03 Trident Technical College Learning Resources Center specifications, n.d.
04 Trident Technical College Learning Resources Center addenda, 1993

479.04 Photographs
Photographs, slides, and contact sheets pertaining to St. Philip’s Church repair and restoration work, 1988-1991 (sanctuary and other buildings).
05 Contact sheets, [1988]
06 Photographs [1988?] of 92 Church Street (rectory)
07 Photographs (Polaroids) of St. Philip’s Church, and photos of a church model, 1990
08 Slides, 1991 (plans and drawings)
09 Photographs, 1990, “settlement analysis”
10 St. Philip’s Church tower transparency [1988?]
12 List of photographs, 1991, “Roll 2 & Roll 3”


479.05 Oversize items
Oversize, folded plans and blueprint drawings relating to St. Philip’s Church, St. Michael’s Church, and Trident Technical College, Charleston, S.C.

BOX 31
Oversize blueprint drawings relating to St. Philip’s Church “Renovation and Sacristy Addition,” and St. Philip’s Church lighting.

BOX 32
Oversize plans and blueprint drawings relating to St. Philip’s Church, St. Michael’s Church, and Trident Technical College.

FLAT DRAWERS:
**Located in C-Space flat file drawers

DRAWER 1

479.01.01 Drawings of Interior/Exterior Repairs to the Charleston County Court House, Meeting and Broad Streets, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. March 9, 1964. 5 sheets.

479.01.02 Drawings of “Reroofing of Monumental Church,” 1224 East Broad Street, Richmond, Virginia. MacIlroy and Parris,
Architects. Undated. 2 sheets.

479.01.03 Drawings of 29 Broad Street, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. September 8, 1982. 8 sheets.

479.01.04 Drawings (unlabeled) for building at corner of Queen and Franklin Streets. Cummings & McCrady, Architects and Engineers. Undated. 7 sheets.

479.01.05 Drawings of “Addition to Pool Area, Cantrell Residence, 4 Ladson Street, Charleston, South Carolina.” Cummings & McCrady, Architects and Engineers. April 9, 1985. 2 sheets.

479.01.06 Drawings of St. Philip’s Church Home, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. March 5, 1981. 6 sheets (A-6 missing).


Drawings of St. Philip’s Church Office Building, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. 1982-1986. 4 sheets.

479.01.07 Plats (1982) and Drawings (undated) of Denk Residence, 15 Meeting Street, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. 14 sheets.

479.01.08 Drawings for “Memorial Plaque Location for St. Michaels Church.” Undated. 2 sheets.


Drawings of St. Philip’s Church, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. Undated. 6 sheets.

Drawing of Chapel of St. Philip’s Church, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. February 21, 1979. 1 sheet.

479.01.10 Drawings of Historic Charleston Foundation, 58 Meeting Street,
Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. February 8, 1980. 4 sheets.

479.01.11 Drawings of “Addition to Atlantic Coast Life Office Building.” Cummings & McCrady, Architects and Engineers. Undated. 17 sheets.

NOTE: 149 Wentworth Street, Francis Silas Rodgers Mansion.

Property owned by Atlantic Coast Life 1940-1996.


479.01.14 Drawings of “Restoration and Addition of St. Philip’s Church,” Charleston, South Carolina. 1983. 3 sheets.

479.01.15 Drawings of St. Philip’s Church, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. 1987-1990. 24 sheets.

479.01.16 “Outline traced from a plat made by Charles Parker, dated June 1844” of the Eastern Cemetery of St. Philip’s Church, Charleston, South Carolina. Undated. 4 sheets.

Drawings (unlabeled). Cummings & McCrady, Architects and Engineers. Undated. 4 sheets.

479.01.17 Drawings of St. Philip’s Church Air Conditioning, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. 1967. 12 sheets.

479.01.18 Drawings of cornices, lanterns, etc. (unlabeled – St. Philip’s Church?). Undated. 13 sheets.

479.01.19 Drawings of cornices, moldings, louvres, etc. (unlabeled – St. Philip’s Church?). Undated. 25 sheets.

479.01.20 Drawings (unlabeled – St. Philip’s Church?). Undated. 6 sheets.

479.01.21 Drawings (unlabeled – St. Philip’s Church?). Undated. 6 sheets.
drawing of St. Philip’s Church (Hurricane Repair), Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. 1992. 1 sheet.

Drawings of St. Philip’s Church, Charleston, South Carolina (cornices, lanterns, quoins, etc.). Cummings & McCrady, Architects and Engineers. Undated. 18 sheets.

Drawings of St. Philip’s Church, Charleston, South Carolina (west, south, north, east elevations, etc.). Cummings & McCrady, Architects and Engineers. Undated. 6 sheets.


Drawings and Copies of Photographs of St. Philip’s Church, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. December 1988. 4 sheets.

Drawings of St. Philip’s Church Sacristy Addition, Charleston, South Carolina. Cummings & McCrady, Architects and Engineers. October 12, 1987. 4 sheets.


Miscellaneous oversize photographs, including photos of Beth Israel Synagogue and a store, H. Berberian Oriental Rugs (29 Broad Street?).