

# Morris, Henry M. Papers

Henry M. Morris Papers,  
1937-1999



## Title Statement

Morris, Henry M. Papers Henry M. Morris Papers, 1937-1999 Ms.1994.028

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## Profile Description

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## Revision Description

**2020-09-23** Finding aid notes updated to new department standards. juliags

## Descriptive Summary

### Unit ID

Ms.1994.028

### Unit Date

1937-1999

### Language

The materials in the collection are in English.

### Abstract

This collection contains papers relating to Morris's career as a hydraulic engineer and his position as director of the Institute for Creation Research. The materials date from 1937 to 1999 and include course materials (exams, notes), his M.S. thesis and Ph.D. dissertation, publications, technical reports, correspondence concerning such topics as hydraulic engineering and soil mechanics, and publications and pamphlets from the Institute of Creation Research.

### Creator

Morris, Henry M., 1918-2006

**Extent**

5.7 Cubic Feet 4 boxes; 1 folder

**Repository**

Special Collections and University Archives, Virginia Tech

## Administrative Information

**Conditions Governing Access**

Collection is open for research.

**Conditions Governing Reproduction and Use**

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**Source of Acquisition**

The Henry M. Morris Papers were donated to Special Collections in the fall of 1994. Institute for Creation Research materials were sent in multiple accessions between 1994 and 1999.

**Processing Information**

The processing, arrangement, and description of the Henry M. Morris Papers was completed in July 2013.

**Preferred Citation**

Researchers wishing to cite this collection should include the following information: [identification of item], [box], [folder], Henry M. Morris Papers, Ms1994-028, Special Collections and University Archives, Virginia Tech, Blacksburg, Va.

## Biographical Note

Henry M. Morris (1918-2006) was both a hydraulic engineer and a creationist scientist. He received his undergraduate degree from Rice University (1939) and graduated from the University of Minnesota with his Ph.D. in 1950, writing his dissertation on "A New Concept of Flow in Rough Conduits." He served as professor of Hydraulic Engineering and Chairman of the Department of Civil Engineering (1957-1970) at Virginia Polytechnic Institute. Morris was also a fellow of the American Association for Advancement of Science and the American Society of Civil Engineers.

Dr. Henry M. Morris also served as the founder, President (1970-1996), and President Emeritus (1996-2006) of the Institute for Creation Research in San Diego, California. His most famous book, "The Genesis Flood," has been credited with helping revive the modern creationist movement.

## Scope and Contents

This collection contains papers relating to Morris's career as a hydraulic engineer and Morris's role as director of the Institute for Creation Research. The materials date from 1937 to 1999. Divided into two series, Morris's papers consist of course materials (exams, notes), his M.S. thesis and Ph.D. dissertation, reprints, publications, technical reports, correspondence concerning such topics as hydraulic engineering and soil mechanics, and publications and pamphlets from the Institute for Creation Research.

## Related Archival Materials

The following book has been removed from the collection and has been catalogued for the rare book collection: *Applied Hydraulics in Engineering* by Henry M. Morris and James M. Wiggert. 2nd edition, 1972.

## Keywords

Science and Technology  
University History  
Faculty and staff

Virginia Agricultural and Mechanical College and Polytechnic Institute (1896-1944)  
Virginia Polytechnic Institute (1944-1970)

## Rights Statement for Archival Description

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## Arrangement

The collection is arranged in two series: Series I: Papers and Series II: Institute for Creation Research Materials.

Series I contains Morris's papers related to his career as a hydraulic engineer. This series is arranged in subject files.

Series II houses materials related to the Institute for Creation Research, of which Morris served as founder and director. This series is arranged by material type.

## Description of Subordinate Components

### **Series I: Papers,**

**Unit Date** 1937-1973

#### **Course Syllabi - Descriptive Geometry 206 (n.d.), Engineering Drawing 2 (SIU, 1955-1956), and Dynamics I (1957)**

**Unit Date** 1955-1957

**box-folder** 1 (box)

**Container** 1 (folder)

#### **Civil Engineering Notes (300 and 320 a)**

**Unit Date** 1937-1943

**box-folder** 1 (box)

**Container** 2 (folder)

#### **Civil Engineering 460 and Structural Engineering Notes**

**box-folder** 1 (box)

**Container** 3 (folder)

#### **Southern Illinois University Engineering School**

**Unit Date** 1956-1957

**box-folder** 1 (box)

**Container** 4 (folder)

#### **Syllabus of Courses, Department of Civil Engineering, Southwestern Louisiana Institute**

**Unit Date** 1952-1953

**box-folder** 1 (box)

**Container** 5 (folder)

#### **Photographs - S.L.I. Engineering Shows**

**box-folder** 1 (box)

**Container** 6 (folder)

#### **E.C.P.D. Inspection**

**Unit Date** 1956

**box-folder** 1 (box)  
**Container** 7 (folder)

### **Engineering Show**

**Unit Date** 1954-1956  
**box-folder** 1 (box)  
**Container** 8 (folder)

### **Southwestern Louisiana Institute**

**Unit Date** 1956  
**box-folder** 1 (box)  
**Container** 9 (folder)

### **Hydraulic Engineering - Old Quizzes and Lab Problems**

**Unit Date** 1953-1956  
**box-folder** 1 (box)  
**Container** 10 (folder)

### **Structural Design**

**Unit Date** 1952  
**box-folder** 1 (box)  
**Container** 11 (folder)

### **Foundations**

**Unit Date** 1949  
**box-folder** 1 (box)  
**Container** 12 (folder)

### **Hydrodynamics**

**Unit Date** 1947-1948  
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### **Highways and Airports**

**Unit Date** 1950  
**box-folder** 1 (box)  
**Container** 14 (folder)

### **Soil Mechanics - Airports**

**Unit Date** 1950-1959  
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### **Civil Engineering 190 Notes, Mechanics of Similitude**

**Unit Date** 1947  
**box-folder** 1 (box)  
**Container** 16 (folder)

**Report - Civil Engineering 160, Hydraulics**

**Unit Date** 1946

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**Container** 17 (folder)

**Report - Civil Engineering 183, Open Channel Flow**

**Unit Date** 1946

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**Container** 18 (folder)

**Civil Engineering 192, Waterways**

**Unit Date** 1947

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**Civil Engineering 193 Problems, Hydraulic Measurements**

**Unit Date** 1947

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**Container** 20 (folder)

**Problems and Reading Assignments - Civil Engineering 191**

**Unit Date** 1947

**box-folder** 1 (box)

**Container** 21 (folder)

**Civil Engineering 160 - Applied Hydraulics (1950) & Civil Engineering 321 - Fluid Mechanics**

**Unit Date** 1950-1951

**box-folder** 1 (box)

**Container** 22 (folder)

**Structures Quizzes and Outlines**

**Unit Date** 1950

**box-folder** 1 (box)

**Container** 23 (folder)

**Fluid Mechanics - Outlines, Problems, etc.**

**Unit Date** 1948-1949

**box-folder** 1 (box)

**Container** 24 (folder)

**Surveying (Minnesota)**

**Unit Date** 1947

**box-folder** 1 (box)

**Container** 25 (folder)

**Sanitary Engineering**

**Unit Date** 1943

**box-folder** 1 (box)

**Container** 26 (folder)

**Surveying - E.S.M.W.T.**

**Unit Date** 1942

**box-folder** 1 (box)

**Container** 27 (folder)

**Highway and Airport - Outlines and Quizzes**

**Unit Date** 1942-1944

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**Container** 28 (folder)

**1943 C.E. "Theory of Simple Structures" by Shedd and Vawter**

**Unit Date** 1937-1943

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**Container** 29 (folder)

**Mechanics**

**Unit Date** 1944

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**Container** 30 (folder)

**Hydraulics - Quizzes**

**Unit Date** 1945-1946

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**Container** 31 (folder)

**Surveying - Rice**

**Unit Date** 1943-1946

**box-folder** 1 (box)

**Container** 32 (folder)

**Strength of Materials**

**Unit Date** 1943-1945

**box-folder** 1 (box)

**Container** 33 (folder)

**C.E. 420 - Soil Mechanics**

**Unit Date** 1938

**box-folder** 1 (box)

**Container** 34 (folder)

**Route Surveying Mechanics**

**Unit Date** 1942

**box-folder** 1 (box)

**Container** 35 (folder)

**C.E. 300 Problems and Miscellaneous**

**Unit Date** 1937

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**Container** 36 (folder)

**C.E. 300 Lab Reports****Unit Date** 1937**box-folder** 1 (box)**Container** 37 (folder)**Reinforced Concrete****Unit Date** 1939**box-folder** 1 (box)**Container** 38 (folder)**Airport Drainage Problems****Unit Date** 1950**box-folder** 1 (box)**Container** 39 (folder)**The Pan-American Highway****Unit Date** undated**box-folder** 1 (box)**Container** 40 (folder)**Traffic and Safety Engineering****Unit Date** undated**box-folder** 1 (box)**Container** 41 (folder)**Fort Peck Dam****Unit Date** undated**box-folder** 1 (box)**Container** 42 (folder)**Mathematics****Unit Date** 1949**box-folder** 1 (box)**Container** 43 (folder)**Education in Civil Engineering****Unit Date** 1957-1973**box-folder** 1 (box)**Container** 44 (folder)**Computers and Automation****Unit Date** undated**box-folder** 1 (box)**Container** 45 (folder)**Old Resumes and Biographical Data****Unit Date** 1957-1969**box-folder** 1 (box)**Container** 46 (folder)

**C.E. 420 Engineering Laws, Contacts, and Specifications**

**Unit Date** 1954

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**Container** 47 (folder)

**C.E. 211 Surveying**

**Unit Date** 1957

**box-folder** 1 (box)

**Container** 48 (folder)

**C.E. 323 Strength of Materials**

**Unit Date** 1953

**box-folder** 1 (box)

**Container** 49 (folder)

**C.E. 222 Statics**

**Unit Date** 1955

**box-folder** 1 (box)

**Container** 50 (folder)

**C.E. 420 and C.E. 440**

**Unit Date** 1938-1939

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**Container** 1 (folder)

**C.E. 460, (1 of 2)**

**Unit Date** 1938-1939

**box-folder** 2 (box)

**Container** 2 (folder)

**C.E. 460, (2 of 2)**

**Unit Date** 1938-1939

**box-folder** 2 (box)

**Container** 3 (folder)

**Highway Research Board**

**Unit Date** 1969

**box-folder** 2 (box)

**Container** 4 (folder)

**Engineering Education at V.P.I. (1961); Soil Classification (1959); Annual Review of Research Activities (1968); Publications, Lectures, and Patents (1965-1968); and Publications and Theses (1969)**

**Unit Date** 1959-1969

**box-folder** 2 (box)

**Container** 5 (folder)

**Hydraulic Research in the United States**

**Unit Date** 1968

**box-folder** 2 (box)

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**Hydraulic Research in the United States**

**Unit Date** 1966

**box-folder** 2 (box)

**Container** 7 (folder)

**Hydraulic Research in the United States**

**Unit Date** 1965

**box-folder** 2 (box)

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**"Roughness Elements (Peripheral Rings) as Energy Dissipators in Free-Surface Flow in Circular Pipes" Paper**

**Unit Date** 1971

**box-folder** 2 (box)

**Container** 9 (folder)

**"Energy Dissipation in Highway Drainage Channels" Presentation Paper**

**Unit Date** 1966

**box-folder** 2 (box)

**Container** 10 (folder)

**"Design of Roughness Elements for Energy Dissipation in Highway Drainage Chutes" Paper**

**Unit Date** 1969

**box-folder** 2 (box)

**Container** 11 (folder)

**"Tumbling Flow in Open Channels" Paper**

**Unit Date** undated

**box-folder** 2 (box)

**Container** 12 (folder)

**Research Proposal - Hydraulic Effects of Boundary Roughness, Budget Proposal, and Related Correspondence**

**Unit Date** 1964

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**Research Proposals**

**Unit Date** 1962-1967

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**Technical Proposal (1963) and Research Proposal (1962) - Hydraulic Effects of Boundary Roughness**

**Unit Date** 1962-1963

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**Container** 15 (folder)

**Water Resources Research Proposal**

**Unit Date** 1964

**box-folder** 2 (box)

**Container** 16 (folder)

**Rio Grande Canalization Bridge Project**

**Unit Date** 1940

**box-folder** 2 (box)

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**Engineering Soil Classification for Residential Developments**

**Unit Date** 1959

**box-folder** 2 (box)

**Container** 18 (folder)

**Second Annual Report - Use of Large Roughness Elements for Hydraulic Energy Dissipation**

**Unit Date** 1965

**box-folder** 2 (box)

**Container** 19 (folder)

**First Annual Report - Use of Large Roughness Elements for Hydraulic Energy Dissipation**

**Unit Date** 1964

**box-folder** 2 (box)

**Container** 20 (folder)

**"A New Concept of Flow in Rough Conduits" Typed Manuscript**

**Unit Date** undated

**box-folder** 2 (box)

**Container** 21 (folder)

**Probable Flow Effects Due to Proposed River Channel Construction**

**Unit Date** 1958

**box-folder** 2 (box)

**Container** 22 (folder)

**Fundamentals of Hydraulic Engineering, (Part 1)**

**Unit Date** 1961

**box-folder** 2 (box)

**Container** 23 (folder)

**Fundamentals of Hydraulic Engineering, (Part 2)**

**Unit Date** 1961

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**Container** 24 (folder)

**Fundamentals of Hydraulic Engineering, (Part 3)**

**Unit Date** 1961

**box-folder** 2 (box)

**Container** 25 (folder)

**A New Concept of Flow in Rough Conduits - Draft Manuscript**

**Unit Date** 1950

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**Highway Research Council****Unit Date** 1957-1965**box-folder** 2 (box)**Container** 27 (folder)**Hydraulics of Culverts Task Force****Unit Date** 1959-1969**box-folder** 2 (box)**Container** 28 (folder)**I.B.C. Structural Design Notes****Unit Date** 1938-1942**box-folder** 2 (box)**Container** 29 (folder)**Fluid Mechanics Commission, V.P.I Engineering College****Unit Date** 1965-1966**box-folder** 2 (box)**Container** 30 (folder)**A.S.E.E. Applied Hydraulics Comm.****Unit Date** 1958-1966**box-folder** 2 (box)**Container** 31 (folder)**A.S.C.E. Hydraulics Division****Unit Date** 1965-1970**box-folder** 2 (box)**Container** 32 (folder)**A.S.E.E. C.E. Division****Unit Date** 1960-1970**box-folder** 2 (box)**Container** 33 (folder)**Khafaul/Morris Papers****Unit Date** 1964**box-folder** 2 (box)**Container** 34 (folder)**N.S.F. Panel****Unit Date** 1965-1966**box-folder** 2 (box)**Container** 35 (folder)**E.C.P.D. Visit - University of Missouri****Unit Date** 1969-1970**box-folder** 2 (box)**Container** 36 (folder)

**Marshall University Inspection****Unit Date** 1964**box-folder** 2 (box)**Container** 37 (folder)**Olin-Mathieson****Unit Date** 1957-1960**box-folder** 3 (box)**Container** 1 (folder)**oversize** 1 (folder)**E.C.P.D. Visit - Tennessee Tech****Unit Date** 1966-1970**box-folder** 3 (box)**Container** 2 (folder)**Brookhaven Project****Unit Date** 1952-1954**box-folder** 3 (box)**Container** 3 (folder)**Culvert Design Data****Unit Date** 1950**box-folder** 3 (box)**Container** 4 (folder)**Uncompleted Culvert Flow Studies****Unit Date** undated**box-folder** 3 (box)**Container** 5 (folder)**Miscellaneous Figures - Culvert Studies****Unit Date** 1949**box-folder** 3 (box)**Container** 6 (folder)**Model Culvert Studies****Unit Date** undated**box-folder** 3 (box)**Container** 7 (folder)**Large Scale Culvert Studies****Unit Date** undated**box-folder** 3 (box)**Container** 8 (folder)**Photographs - S.A.F. Hydraulics Lab****Unit Date** 1954**box-folder** 3 (box)**Container** 9 (folder)

**Hydraulic Research****Unit Date** 1962-1973**box-folder** 3 (box)**Container** 10 (folder)**E. Koo Paper****Unit Date** 1969**box-folder** 3 (box)**Container** 11 (folder)**V.P.I. Water Resources Center****Unit Date** 1962-1968**box-folder** 3 (box)**Container** 12 (folder)**Photographs - V.P.I. Hydraulics Lab****Unit Date** 1963-1964**box-folder** 3 (box)**Container** 13 (folder)**"Entrance Losses in Short Circular Conduits" MS Thesis Copy****Unit Date** 1949**box-folder** 3 (box)**Container** 14 (folder)**"A New Concept of Flow in Rough Conduits," Ph.D. Dissertation****Unit Date** 1950**box-folder** 3 (box)**Container** 15 (folder)**Technical Papers - University of Minnesota, St. Anthony Falls Hydraulic Laboratory****Unit Date** 1949-1950**box-folder** 3 (box)**Container** 16 (folder)**Catalog of Books****Unit Date** 1972**box-folder** 3 (box)**Container** 17 (folder)**Design Methods for Flow in Rough Conduits****Unit Date** 1959**box-folder** 3 (box)**Container** 18 (folder)**Instructor's Supplement Answers to Problems, Applied Hydraulics in Engineering****Unit Date** 1963**box-folder** 3 (box)**Container** 19 (folder)

## **Hydraulics of Energy Dissipation in Steep, Rough Channels**

**Unit Date** 1968

**box-folder** 3 (box)

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## **Tumbling Flow in Open Channels**

**Unit Date** 1970

**box-folder** 3 (box)

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## **Proceedings of the American Society of Civil Engineers**

**Unit Date** 1954

**box-folder** 3 (box)

**Container** 22 (folder)

## **Highway Research Board Research Report - Culvert Hydraulics**

**Unit Date** 1953

**box-folder** 3 (box)

**Container** 23 (folder)

## **Highway Research Record - Design of Culverts, Energy Dissipators, and Filter Systems**

**Unit Date** 1971

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**Container** 24 (folder)

## **Scientific Communication in Geophysics**

**Unit Date** 1972

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**Container** 25 (folder)

## **"Hydraulics of Energy Dissipation in Steep, Rough Channels" Report**

**Unit Date** 1967

**box-folder** 3 (box)

**Container** 26 (folder)

## **Applied Hydraulics in Engineering Problem Solutions**

**Unit Date** undated

**box-folder** 3 (box)

**Container** 27 (folder)

## **"Effect of Boundary Roughness on Flow in Closed Conduits" MS Thesis**

**Unit Date** 1961

**box-folder** 3 (box)

**Container** 28 (folder)

## **"The Forced Hydraulic Jump in Steep, Open Channels" Ph.D. Dissertation**

**Unit Date** 1971

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**Hydraulic Flow Resistance Factors for Corrugated Metal Conduits**

**Unit Date** 1970

**box-folder** 3 (box)

**Container** 30 (folder)

**Prints for A.S.C.E. Paper**

**Unit Date** 1958

**box-folder** 3 (box)

**Container** 31 (folder)

**"Hydraulic Phenomena at the Inlet Section of a Culvert" MS Thesis**

**Unit Date** 1962

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**Container** 32 (folder)

**"Hydraulic Analysis of Culverts" MS Thesis**

**Unit Date** 1960

**box-folder** 3 (box)

**Container** 33 (folder)

**"Stilling Basins for Culvert Outlets" MS Thesis**

**Unit Date** 1962

**box-folder** 3 (box)

**Container** 34 (folder)

**"Hydraulic Phenomena at Culvert Outlets" MS Thesis**

**Unit Date** 1962

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**Applied Hydraulics in Engineering, (Part 1)**

**Unit Date** 1971

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**Applied Hydraulics in Engineering, (Part 2)**

**Unit Date** 1971

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**Applied Hydraulics in Engineering, (Part 3)**

**Unit Date** 1971

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**Applied Hydraulics in Engineerings, (Part 4)**

**Unit Date** 1971

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**Advanced Hydraulics Text, (Part 1)**

**Unit Date** 1958-1971

**box-folder** 4 (box)

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**Advanced Hydraulics Text, (Part 2)**

**Unit Date** 1958-1971

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**Requests for Tumbling Flow Bulletin**

**Unit Date** 1968-1970

**box-folder** 4 (box)

**Container** 5 (folder)

**A.S.C.E. Paper on Conduit Flow**

**Unit Date** 1953-1976

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**Container** 6 (folder)

**A.S.C.E. Paper on Tumbling Flow**

**Unit Date** 1970-1971

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**"Allowed Stresses in Redwood," Hudson Engineering Corp.**

**Unit Date** 1944

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**Series II: Institute for Creation Research Materials**

**Unit Date** 1994-1999

**Acts & Facts**

**Unit Date** 1994-1995

**box-folder** 4 (box)

**Container** 8 (folder)

**Acts & Facts**

**Unit Date** 1996

**box-folder** 4 (box)

**Container** 9 (folder)

**Acts & Facts**

**Unit Date** 1997

**box-folder** 4 (box)

**Container** 10 (folder)

**Days of Praise**

**Unit Date** 1994-1996

**box-folder** 4 (box)

**Container** 11 (folder)

**Days of Praise****Unit Date** 1996-1997**box-folder** 4 (box)**Container** 12 (folder)**Days of Praise****Unit Date** 1997-1998**box-folder** 4 (box)**Container** 13 (folder)**Creation ex Nihilo Magazine****Unit Date** 1999**box-folder** 4 (box)**Container** 14 (folder)**Publications Catalog****Unit Date** 1990s**box-folder** 4 (box)**Container** 15 (folder)**Workshops and Outreach****Unit Date** 1996-1997**box-folder** 4 (box)**Container** 16 (folder)