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IMPORTANT NOTE—If you reside or have your principal office in the localities of a Chapter or Chapters of The Institute which are opposed to the "Architects' Roster" or the "Register of Architects Qualified for Federal Public Works", do not answer or fill out the questionnaire.

CITY OF Toledo  
STATE OF Ohio  
DATE May 20, 1946

JUN 10 1946

EDMUND R. PURVES

QUESTIONNAIRE FOR ARCHITECTS' ROSTER AND/OR REGISTER OF ARCHITECTS QUALIFIED FOR FEDERAL PUBLIC WORKS

TYPING IS MANDATORY. PARTNERSHIPS SHOULD MAKE A JOINT RETURN ONLY. Pink copy is to be retained by the author; other copies to be mailed to The American Institute of Architects, 1741 New York Avenue, N. W., Washington 6, D. C.

- 1. (a) FIRM (individual or partnership) Britsch & Munger
(b) FORMER FIRM, if any C. C. Britsch (1923)
2. BUSINESS ADDRESS 531 Nicholas Building, Toledo 4, Ohio
3. YEAR ESTABLISHED 1927

Table with 2 columns: Name of Principal, Name of Principal. Row 1: Carl C. Britsch, Harold H. Munger.

Furnish data complete, but keep to essentials. Describe each member of firm individually; if more than two, append extra sheets.

- (a) Date of Birth April 12, 1889 July 29, 1890
(b) Education Archbold, Ohio Elementary and High School - Graduated 1906 St. Rose Parochial School, Perrysburg, Ohio
(c) Experience Prior to Own Practice (Give architect or architectural firm affiliations, positions held, and approximate dates of employment.)
(d) Commenced Practice 1923 1927
(e) Number of Years a Principal 23 yrs. 19 yrs.

See additional sheets attached for M.D. Grow, M.B. Stophlet and John P. Macelwane.

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(f) Architectural Licenses

(Give State, Number and Year Issued.)

Ohio #956	-	-	-	1934	Ohio #298	-	-	-	1932
Nat'l. Council A.R.B. #392	-	-	-	1943	Nat'l. Council A.R.B. #393	-	-	-	1943
Michigan #1999	-	-	-	1929	Michigan #4776	-	-	-	1946
Indiana #270	-	-	-	1930					

(g) Professional Societies and Offices Held

Vice-Pres., Toledo Chapter, A.I.A.	President, Toledo Chapter, A.I.A. - 1941
Member of Executive Board, Architects Society of Ohio.	and 1942; Vice-Pres. Toledo Chp., A.I.A. - 1939-40; Member Bd. of Directors, Toledo Chp., A.I.A. - 1943-44-45; Archts. Soc. of Ohio; N.A.H.O.

(h) Service in World Wars I and II. (Append data if desired.)

World War I - U.S. Army - Artillery and Ordnance - Ordnance Sergeant	World War I, U.S. Army - 1918-19, Sergeant; Candidate, Artillery Officers Training School, Camp Taylor, Ky.
World War II: Britsch & Munger designed and supervised construction of Marion Engineer Depot for U.S. Army and designed and supervised ten housing projects for Federal Public Housing Authority, costing approximately \$3,250,000.00	

(i) Civic Activities

Member - Citizens War Memorial Committee; Member - Military Affairs Committee, Chamber of Commerce; Metropolitan Planning Committee, Chamber of Commerce; Regional Planning Group, Toledo, Ohio; North Toledo Community House Board; Goodwill Industries Board	Chairman: Residential Areas Committee of Metropolitan Planning Committee (Toledo Chamber of Commerce); Chairman: Joint Committee on Urban Redevelopment (Toledo C. of C.); Member of Planning Commission, Village of Perrysburg, Ohio; Member of Way Library Board, Perrysburg, Ohio; Chairman: Toledo Chapter A.I.A. Post War Planning Committee; Member: Toledo City Managers Board of Directors, Civilian Defense Committee; Regional Planning Group, Toledo, Ohio.
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5. CONSULTANTS USUALLY EMPLOYED:

(If a member of your staff, so state)

(a) STRUCTURAL ENGINEERS

Name of Firm or Individual	R. C. Reese, Structural Engineer
Business Address	300 Sandusky Street, Toledo, Ohio

(b) HEATING & VENTILATING ENGINEERS

Name of Firm or Individual	John Paul Jones, Cary & Millar	S. D. Bryce,
Business Address	Mechanical Engineers, Terminal Tower, Cleveland, Ohio	Heating Engineer, 2016 N. 14th Street, Toledo, Ohio

(c) ELECTRICAL ENGINEERS

Name of Firm or Individual	Ora Apple, Elec. Engr.,	John Paul Jones, Cary & Millar
Business Address	1613 1/2 Adams St., Toledo, Ohio	Terminal Tower, Cleveland, Ohio

(d) PLUMBING OR SANITARY ENGINEERS

Name of Firm or Individual	John Paul Jones, Cary & Millar	Henry L. Dirks,
Business Address	Terminal Tower, Cleveland, Ohio	1002 Summit St., Toledo, O.

(e) LANDSCAPE ARCHITECTS

Name of Firm or Individual	Al. G. Britsch, Landscape Architect,
Business Address	4488 Monroe Street, Toledo, Ohio

6. **OTHER REMARKS RE QUALIFICATIONS:** See accompanying brochure.  
 (Append extra sheet if necessary)

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**7. SUMMARY OF PROJECT COSTS:**

	Largest Single Job	All Jobs Valuation	Annual Average
Work Completed 1930-1940	\$ 1,400,000.00	\$ 7,575,000.00	\$ 757,500.00
Work Completed 1941-1946	5,200,000.00	12,185,000.00	2,437,000.00
Current Work under construction or working drawings authorized	700,000.00	4,750,000.00	

**8. REPRESENTATIVE WORK FOR WHICH YOU WERE ARCHITECT OR WERE ASSOCIATED WITH OTHERS:**

(a) Three Projects Not Exceeding Cost of \$300,000:

Name of Project	Cost	Location	Owner
School Building	\$ 198,000.00	Delta, Ohio	Board of Education, Delta, Ohio
High School Building	230,000.00	Perrysburg, Ohio	Board of Education, Perrysburg, Ohio
Toledo Machine & Tool Company	200,000.00	Toledo, Ohio	E.W. Bliss Corp.

(b) Three Projects Costing From \$300,000 to \$1,000,000:

Name of Project	Cost	Location	Owner
Detwiler Memorial Hospital	\$320,000.00	Wauseon, Ohio	Detwiler Hospital Board of Lucas County Commissioners, Lucas County, Ohio
Lucas County Hospital	850,000.00	Toledo, Ohio	Board of Education, Maumee, Ohio
High School	330,000.00	Maumee, Ohio	

(c) Three Projects Costing Over \$1,000,000:

Name of Project	Cost	Location	Owner
Engineer Depot	\$ 5,200,000.00	Marion, Ohio	U.S. Army
Brand Whitlock Homes	1,765,000.00	Toledo, Ohio	U.S. Housing Authority
Chas. F. Weiler "	1,450,000.00	" "	U.S. Housing Authority

9. PHOTOGRAPHS/PHOTOSTATS:

The author submits herewith photographs or photostats (size 8" x 10") of several buildings for which he has been the Architect, as follows: (N.C.A.R.B. presentation acceptable.)

See attached brochure containing photographs of work prior to 1940. In addition to work shown, photographs are not available of the Marion Engineer Depot, Marion, Ohio, and the Wauseon High School at Wauseon, Ohio.

10. COLLABORATION WITH JUNIOR ARCHITECTS:

(a) If an established individual or firm, are you willing to collaborate with other firms or individuals which would permit junior architects to qualify and help further their professional careers?

Our organization is sufficiently augmented by associates.

(b) If in private practice at this time, name associates (if additional architects are to be added to your organization) for the purpose of qualifying:

Associates now in our office: Mark B. Stophlet and John P. Macelwane

(c) If not in private practice at this time, name established architect or firm with whom you have agreed to collaborate, for the purpose of qualifying:

11.(a)  We wish to be included in the Architects' Roster  
do not wish to be

(b)  We would like to be considered for the Register of Architects Qualified for Federal Public Works  
do not wish to be

We hereby certify that the above is a true statement of facts.

Name of Firm or Individual Britsch & Munger  
Signed by all Principals: [Signature] Partner  
Harold S. Munger Partner  
Dr. De Witt Brown Jr. Partner  
Mark B. Stophlet Associate  
John P. Macelwane Associate



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- 1. (a) **FIRM** (individual or partnership)..... Britsch & Munger
- (b) **FORMER FIRM**, if any.....
- 2. **BUSINESS ADDRESS**..... 531 Nicholas Building, Toledo 4, Ohio
- 3. **YEAR ESTABLISHED**.....

4. <b>PERSONAL HISTORIES OF PRINCIPALS</b>	Name of Principal	Name of Principal
	<u>M. DeWitt Grow, Junior Partner</u>	

Furnish data complete, but keep to essentials. Describe each member of firm individually; if more than two, append extra sheets.

- (a) **Date of Birth**..... July 12, 1910
- (b) **Education**..... Scott High School, Toledo, Ohio - 1928  
                                   Carnegie Institute of Technology, Pittsburgh, Pa. - 1934

- (c) **Experience Prior to Own Practice**  
 (Give architect or architectural firm affiliations, positions held, and approximate dates of employment.)  
                                   Draftsman - Britsch & Munger - 1934-1938  
                                   Chief Draftsman and Designer - Britsch & Munger - 1938-1945

- (d) **Commenced Practice**..... 1945
- (e) **Number of Years a Principal**..... 1

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M. DeWitt Grow

- (f) **Architectural Licenses**  
(Give State, Number and Year Issued.)

Ohio - #1118 - 1937

- (g) **Professional Societies and Offices Held**  
Toledo Chapter, American Institute of Architects  
Architects Society of Ohio

- (h) **Service in World Wars I and II.** (Append data if desired.)

- (i) **Civic Activities**  
Toledo Regional Planning Association,  
Metropolitan Planning Commission of  
the Chamber of Commerce

**5. CONSULTANTS USUALLY EMPLOYED:**

(If a member of your staff, so state)

- (a) **STRUCTURAL ENGINEERS**

Name of Firm or Individual  
Business Address

- (b) **HEATING & VENTILATING ENGINEERS**

Name of Firm or Individual  
Business Address

- (c) **ELECTRICAL ENGINEERS**

Name of Firm or Individual  
Business Address

- (d) **PLUMBING OR SANITARY ENGINEERS**

Name of Firm or Individual  
Business Address

- (e) **LANDSCAPE ARCHITECTS**

Name of Firm or Individual  
Business Address

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1. (a) **FIRM** (individual or partnership)..... Britsch & Munger

(b) **FORMER FIRM**, if any.....

2. **BUSINESS ADDRESS**..... 531 Nicholas Building, Toledo 4, Ohio.

3. **YEAR ESTABLISHED**.....

4. PERSONAL HISTORIES OF PRINCIPALS	Name of Principal	<u>ASSOCIATES</u>	Name of Principal
	<u>Mark B. Stophlet</u>		<u>John P. Macelwane</u>

Furnish data complete, but keep to essentials. Describe each member of firm individually; if more than two, append extra sheets.

(a) **Date of Birth**..... February 20, 1881..... May 3, 1896

(b) **Education**..... Toledo Central High School..... Holy Cross College, Worcester, Mass.  
Scott Manual Training School, Toledo..... 1922 Bachelor of Architectural  
Apprenticeship - Bernhard Becker,..... Engineering - Ohio State University  
Toledo, Ohio.

(c) **Experience Prior to Own Practice**  
 (Give architect or architectural firm affiliations, positions held, and approximate dates of employment.)

<u>1902-10 Office Bernhard Becker, Archt.</u>	<u>1922-26 Construction Engineer - A.</u>
<u>1910-18 Office of M.M. Stophlet, Archt.</u>	<u>Bentley &amp; Sons, Toledo, Ohio.</u>
<u>1918-42 Partner of M.M. Stophlet in charge of office, designer, specification writer</u>	<u>1926 Construction Engineer - Standard Oil Co.</u>
<u>1942-45 Britsch &amp; Munger - Designer, Inspector, Specification writer.</u>	<u>1927-35 Supervising Architect - Toledo Catholic Diocese</u>
<u>1945 Associate Architect - Britsch &amp; Munger</u>	<u>1936-38 Asst. Proj. Manager - Housing Division - P.W.A., Toledo, Ohio</u>
	<u>1939-45 Britsch &amp; Munger - Field Superintendent, Specification Writer</u>
	<u>1945 Associate Architect - Britsch &amp; Munger</u>

(d) **Commenced Practice**..... 1918..... 1927 - 1945

(e) **Number of Years a Principal**..... 28 years..... 9 years

ASSOCIATES

Mark B. Stoplet

John P. Macelwane

(f) **Architectural Licenses**

(Give State, Number and Year Issued.)

Ohio #252 - 1932

Ohio #616 - 1932

Ohio (Reg. Structural Engr.) #5418

(g) **Professional Societies and Offices Held**

Secretary, Toledo Chapter, American Institute of Architects 1937-46

Toledo Chapter, Amer. Inst. of Archts.

Director, Toledo Chapter, American Institute of Architects - 1946

Toledo Section, Architects Society of Ohio

Toledo Section, Architects Society of Ohio.

(h) **Service in World Wars I and II.** (Append data if desired.)

None

World War I - 19 months U.S. Marine Corps. (10 months in 2nd Div., France - wounded in action July 19, 1918.

World War II - Supervised construction U.S. Army Depot, Marion, Ohio, also War Housing Projects.

(i) **Civic Activities**

Member YMCA Camp Committee for 30 yrs; Member of Lucas County Planning Commission for approximately 5 years; Member of Metropolitan Planning Bd. of Toledo Chamber of Commerce; Member of Toledo Regional Planning Board; Member of Toledo Knights of Round Table. Regional Planning Commission, Toledo Metropolitan Planning Commission, Toledo Chamber of Commerce; Member Citizens Planning Committee, Toledo; Architects' Committee - Civilian Defense

5. **CONSULTANTS USUALLY EMPLOYED:**

(If a member of your staff, so state)

(a) **STRUCTURAL ENGINEERS**

Name of Firm or Individual \_\_\_\_\_  
Business Address \_\_\_\_\_

(b) **HEATING & VENTILATING ENGINEERS**

Name of Firm or Individual \_\_\_\_\_  
Business Address \_\_\_\_\_

(c) **ELECTRICAL ENGINEERS**

Name of Firm or Individual \_\_\_\_\_  
Business Address \_\_\_\_\_

(d) **PLUMBING OR SANITARY ENGINEERS**

Name of Firm or Individual \_\_\_\_\_  
Business Address \_\_\_\_\_

(e) **LANDSCAPE ARCHITECTS**

Name of Firm or Individual \_\_\_\_\_  
Business Address \_\_\_\_\_

III INFORMATION III  
SUPPORTING APPLICATION  
FOR CONTRACTS FOR  
PROFESSIONAL SERVICES

III BRITSCH AND MUNGER III  
REGISTERED ARCHITECTS

531-537 NICHOLAS BLDG. TOLEDO, O.



BRITSCH & MUNGER

DATA PERTAINING TO  
MEMBERS OF FIRM,  
KEY PERSONNEL,  
PROJECTS IN DETAIL,  
PHOTOGRAPHS OF WORK,  
LETTERS SUPPORTING APPLICATION OF

BRITSCH & MUNGER, REGISTERED ARCHITECTS,  
531 NICHOLAS BUILDING,  
TOLEDO, OHIO.

COLLABORATING & CONSULTANTS:

Raymond C. Reese, Structural Engineer  
John Paul Jones, Cary & Millar, Mechanical Engineers  
Finkbeiner, Pettis & Strout, Civil & Mechanical Engrs.  
G. M. Barton Survey Company, Surveyors

9-11-42.

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BRITSCH & MUNGER

BRITSCH & MUNGER  
REGISTERED ARCHITECTS  
TOLEDO, OHIO

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## HISTORY OF FIRM

The firm of Britsch & Munger, Registered Architects, Toledo, Ohio, was established as a partnership in 1927. They are recognized as among the leading architects in this section of the country.

The members of the firm are graduates of well recognized schools of architectural design and engineering. See pages 11-12-13-14-15-16-17-18-19-20 and 21. Before forming the partnership each had twelve to fifteen years of experience in well known architects' offices and in the supervision of public works.

With the exception of the national depression years, each year has seen a steady growth of this firm and greater recognition accorded them for the results attained and the efficient manner in which they handled the projects awarded to them.

Toledo's Low Cost Housing and Slum Clearance movement was started in 1933 by Britsch & Munger and carried along by them to fruition at their own expense. Brand Whitlock Homes, Charles F. Weiler Homes and a later addition to Brand Whitlock Homes, a total housing for over 1000 families was designed and supervised by them. Much work has recently been done on design and drawings for a 450 family housing project for the Toledo Metropolitan Housing Authority, which project is delayed. The Federal Public Housing Authority commissioned Britsch & Munger to design and supervise eighteen war housing projects.

A score or more of Northwestern Ohio schools have been designed by Britsch & Munger - among them being Maumee, Wauseon, Sylvania, Perrysburg, Delta and Pemberville High Schools, and Elementary Schools at Pemberville, Montpelier, Wauseon, Holland, Edon and Archbold, Ohio.

This firm acted as architectural consultants for the officials of the Toledo Museum of Art when the \$2,000,000.00 addition was built in 1929 and 1930.

BRITSCH & MUNGER

Much of Britsch & Munger's recent work has been along industrial lines. A \$200,000.00 addition to the Plant of the Toledo Machine & Tool Branch of E. W. Bliss Company was designed and supervised by this firm. This firm aided the Electric Auto-Lite Company of Toledo in the design and construction of a large addition to their plant at LaCrosse, Wisconsin. Large new additions to the plants of the Peters Stamping Company, Perrysburg, Ohio, Grizzly Manufacturing Company, Paulding, Ohio and Aro Equipment Corporation, Bryan, Ohio, have been designed and supervised by them. A new Power Plant and addition to the Tecumseh Products Company Plant at Tecumseh, Michigan is among their recent work.

A large Engineer Depot for the U.S. Army at Marion, Ohio was designed by Britsch & Munger and constructed under their supervision. Scores of architects, civil, mechanical and electrical engineers as well as surveyors and site planners were employed by them on this \$5,000,000.00 project. This project consists of more than one million square feet of open sheds, more than 20 miles of railroad, many miles of concrete streets, water lines, wells, pumping plant, reservoirs, water tower, fire pumps, sewers and sewage disposal plant, yard and inside lighting, power lines, fire station and fire fighting equipment, administration building, officers' quarters, and many acres of paved storage area.

As of January the first M. DeWitt Grow, who has been connected with the firm in the capacity of chief draftsman and designer since his graduation from Carnegie Institute of Technology in 1931, has been admitted to the firm as junior partner.

All of the key men in the organization are either registered architects or registered engineers or both, and numbered in the force are graduates of such well known schools as Carnegie Institute of Technology, University of Notre Dame, Ohio State University, Massachusetts Institute of Technology, University of Michigan and University of Toledo.

BRITSCH & MUNGER

Associated with Britsch & Munger as supervisor of construction and specification writer is John P. Macelwane, Registered Architect and Engineer.

Mark B. Stophlet, formerly a partner in Stophlet & Stophlet well known practicing architects of many years standing, is also associated with the firm. He designed and supervised Lucas County Hospital one of Toledo's largest hospitals.

Within Britsch & Munger's force is contained the knowledge and experience to handle any architectural, mechanical and structural problem required. However, it has been their practice to call on specialists, where such services may be beneficial to the job.

R. C. Reese, structural engineer of Toledo, has been their consulting structural engineer for many years. Mr. Reese has had unusual and extensive experience and has a national reputation in his field.

S. D. Bryce of their force designed the mechanical work on Britsch & Munger's large P.W.A. School program.

John Paul Jones, Cary & Miller, Mechanical Engineers of Cleveland, Ohio, served as their consulting mechanical engineers on low cost housing projects.

Collaborating also, when required, is the firm of Finkbeiner, Pettis & Strout, Consulting Engineers, specialists on water supply, paving and railroads. This firm assisted on the Marion Quartermaster Depot.

Gerald Barton of Toledo with a large force of surveyors collaborates with Britsch & Munger to round out the complete architectural and engineering service furnished by them.

Al. G. Britsch of Britsch & Munger's force is a well known Toledo Landscape Architect and Site Planner. He served in that capacity on Charles F. Weiler Homes and Brand Whitlock Homes addition in Toledo.

Offices of Britsch & Munger are located at 531 Nicholas Building, Toledo 4, Ohio.



## BRITTSCH &amp; MUNGER

LIST OF PROJECTS DESIGNED AND SUPERVISED BY  
BRITTSCH & MUNGER, REG. ARCHTS., TOLEDO, OHIO

<u>YEAR</u>	<u>OWNER</u>	<u>PROJECT</u>	<u>LOCATION</u>	<u>COST</u>
1927	(1) Methodist Church Board	Church	Perrysburg, O.	\$ 60,000.00
	(2) D. A. Spitznaugle	Commercial	Toledo, O.	30,000.00
	(3) Wohomis Lodge	Hotel	Lakeside, O.	30,000.00
	(4) Korea Apartments	Apartment Rem.	Toledo, O.	40,000.00
	(5) Michigan Motor Lines	Freight Depot	Toledo, O.	20,000.00
				<u>180,000.00</u>
1928	(1) Bryce Htg. & Ventilating	Office & Shop	Toledo, O.	25,000.00
	(2) Munger, Franey & Munger	Auto Sales Rm.	Perrysburg, O.	28,000.00
	(3) Collingwood Development Company	Comm. & Apt. Bldg.	Toledo, O.	18,000.00
	(4) Fred Rinkor	Greenhouse & Boiler House	Toledo, O.	12,000.00
	(5) St. Vincent De Paul Church	Church and Parish House	Toledo, O.	120,000.00
	(6) Jesse White	Residence	Monroe, Mich.	50,000.00
	(7) Ralph Nets	Residence	Perrysburg, O.	10,000.00
	(8) A. W. Fels	Residence	Toledo, O.	18,000.00
	(9) Donald Grisier	Residence	Wauscon, O.	7,000.00
	(10) D. A. Spitznaugle	Residence	Toledo, O.	17,000.00
	(11) E. E. Wilson	Residence	Wauscon, O.	9,000.00
	(12) George Corbin	Residence	Toledo, O.	7,000.00
	(13) H. E. Heilman	Residence	Perrysburg, O.	25,000.00
	(14) D. A. Spitznaugle	Residence	Toledo, O.	8,000.00
	(15) D. A. Spitznaugle	Residence	Toledo, O.	22,500.00
	(16) Dr. Hufford	Residence	Toledo, O.	9,500.00
	(17) D. A. Spitznaugle	Bungalow	Toledo, O.	7,500.00
	(18) D. A. Spitznaugle	Residence	Toledo, O.	15,000.00
	(19) Blair Realty Co.	2 Residences	Toledo, O.	16,000.00
				<u>424,500.00</u>
1929	(1) William Ruch	Residence	Toledo, O.	17,500.00
	(2) H. A. Lauer	Apt. Bldg.	Toledo, O.	22,000.00
	(3) George B. Arduser	Residence	Toledo, O.	12,000.00
	(4) J. M. Kripke	Apartments	Toledo, O.	14,700.00
	(5) C. B. M. Mathes	Residence	Toledo, O.	15,000.00
	(6) Fred Searles	Residence	Toledo, O.	23,000.00
	(7) George Becker	Residence	Wauscon, O.	11,000.00
	(8) A. F. Harwood	Residence	Toledo, O.	30,000.00
	(9) Archt. Advisers - Museum of Art		Toledo, O.	2,000,000.00
	(10) Detroit Beach Club	Club House	Monroe, Mich.	58,000.00
	(11) D. A. Spitznaugle	Residence	Toledo, O.	17,500.00
	(12) Everett E. Taylor	Residence	Toledo, O.	15,000.00
	(13) John Witte	Residence	Toledo, O.	8,500.00
	(14) Ernest Kuchn	Residence	Perrysburg, O.	14,000.00
	(15) A. A. Wagner	Residence	Ottawa Hills, O.	24,000.00
	(16) J. G. Witte	Residence	Toledo, O.	7,500.00
	(17) Fred Fisher	Apartments	Toledo, O.	50,000.00
	(18) City of Toledo	Central Fire Sta.	Toledo, O.	80,000.00
	(19) The Misses Canniff	Residence	Perrysburg, O.	14,000.00
				<u>2,433,700.00</u>

## BRITTSCH &amp; MUNGER

1930	(1)	C.S. McKee	Residence	Toledo, O.	9,000.00
	(2)	E. R. Wandtke	Residence	Toledo, O.	18,000.00
	(3)	Wauson Hospital	Hospital	Wauseon, O.	300,000.00
	(4)	Bd. of Education	School	Archbold, O.	100,000.00
	(5)	Chub DeWolfe	Residence	Toledo, O.	15,000.00
	(6)	Ed. Dracheim	Residence	Toledo, O.	14,000.00
	(7)	George J. Munger, J. J. Honahan	Post Office and Telephone Building	Perrysburg, O.	10,000.00
	(8)	H. A. Middleton	Residence	Toledo, O.	23,500.00
	(9)	Browning & Zahrly	Residence	Toledo, O.	11,000.00
	(10)	D. A. Spitznaugle	Residence	Toledo, O.	11,000.00
	(11)	Board of Education	School	Perrysburg, O.	230,000.00
	(12)	George Sciss	Residence	Toledo, O.	23,000.00
	(13)	Elm Ridge Cemetery	Mausolcum	Muncie, Ind.	67,000.00
	(14)	A. J. Witzler	Funeral Home	Perrysburg, O.	15,000.00
	(15)	Al. E. Johnson	Duplex	Toledo, O.	15,000.00
	(16)	General Elec. Supply Company	Commercial	Toledo, O.	12,000.00
	(17)	J. B. Covington	2 Residences	Toledo, O.	18,000.00
	(18)	W. L. Slayton Co.	Packing House	Toledo, O.	16,000.00
	(19)	J. B. Covington	Residence	Toledo, O.	7,000.00
	(20)	Leulf Hardware Co.	Apartments	Toledo, O.	12,500.00
					<u>927,000.00</u>
1931	(1)	Schaller Memorial Bldg. Commission	Memorial Bldg.	Perrysburg, O.	25,000.00
	(2)	Calvary Ev. Church	Church	Toledo, O.	12,500.00
	(3)	Ed. Affleck	Residence	Toledo, O.	12,500.00
	(4)	Bd. of Education	Remodeling School	Edon, O.	18,000.00
	(5)	Fred. Behrendt	Comm. & Apt. Bldg.	Toledo, O.	14,000.00
					<u>82,000.00</u>
1932	(1)	Wm. Uffman	Residence	Rossford, O.	23,000.00
	(2)	L. H. House	Residence	Toledo, O.	10,000.00
	(3)	Lovell Northrup	Residence	Toledo, O.	7,500.00
	(4)	Toledo Grain & Milling Company	Office Bldg.	Toledo, O.	12,000.00
					<u>52,500.00</u>
1933	(1)	D. A. Spitznaugle	Residence	Ottawa Hills	11,000.00
	(2)	Ft. Meigs Commission	Shelter Houses	Perrysburg, O.	60,000.00
					<u>71,000.00</u>
1934	(1)	Russell Clevenger	Residence	Toledo, O.	13,500.00
	(2)	Frank Bailey	Residence	Toledo, O.	20,000.00
	(3)	Wm. J. Jacobs	Residence	Toledo, O.	15,000.00
	(4)	Salem Ev. Church	Htg. Plant	Sandusky, O.	6,000.00
					<u>54,500.00</u>
1935	(1)	Council Village of Stryker	Village Hall	Stryker, O.	15,000.00
	(2)	L. B. Hall	Residence	Blissfield, Mich.	16,000.00
	(3)	L.A. Lindsay	Residence	Toledo, O.	12,500.00
	(4)	J. W. Blossing	Residence	Toledo, O.	12,400.00
	(5)	Emil Frey	Residence	Toledo, O.	12,600.00
	(6)	Dr. E. H. Winfough	Residence	Toledo, O.	10,500.00

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1935	(7)	Fred W. Entiman	Residence	Toledo, O.	10,000.00
	(8)	Ed. C. Cannon	Residence	Ottawa Hills, O.	24,000.00
	(9)	E. H. Vail	Residence	Ottawa Hills, O.	11,500.00
	(10)	Dr. J. H. Bloomheart	Residence	Toledo, O.	10,500.00
	(11)	Village Council	Village Hall	Swanton, O.	20,000.00
	(12)	Dr. E. D. Schuiteman	Office Bldg.	Genoa, Ohio	9,000.00
	(13)	Village Council	Service Bldg.	Perrysburg, O.	18,000.00
	(14)	Board of Education	School	Pemberville, O.	120,000.00
	(15)	Board of Education	School	Edon, O.	60,000.00
	(16)	D. A. Spitznaugle	Residence	Toledo, O.	13,500.00
	(17)	Housing Div., P.W.A.	Low Cost Housing	Toledo, O.	1,400,000.00
					<u>1,775,000.00</u>
1936	(1)	Village Council	Memorial Group	Perrysburg, O.	16,000.00
	(2)	D. A. Spitznaugle	Residence	Toledo, O.	7,500.00
	(3)	Amish Mennonite Cong.	Church	Archbold, O.	35,000.00
	(4)	Wm. Kerns	Residence	Toledo, O.	14,900.00
	(5)	D. A. Spitznaugle	Residence	Toledo, O.	11,500.00
	(6)	Cemetery Bd.	Mausoleum	Plymouth, Mich.	45,000.00
	(7)	Peter Peterson	Residence	Toledo, O.	16,000.00
	(8)	Dr. A. R. Martin	Dental Office	Toledo, O.	6,500.00
	(9)	Dr. R. W. Reynolds	Residence	Fayette, O.	9,500.00
	(10)	Board of Education (Springfield Twp.)	School	Holland, O.	120,000.00
	(11)	H. A. Swartz	Residence	Montpelier, O.	11,000.00
	(12)	Godfrey Schlatter	Residence	Toledo, O.	13,500.00
	(13)	Jason LeDuc	Residence	Ottawa Hills, O.	13,800.00
	(14)	Wade Ely	Residence	Toledo, O.	11,500.00
	(15)	Board of Education	Addn. to School	Sylvania, O.	24,000.00
	(16)	D. A. Spitznaugle	Residence	Toledo, O.	14,500.00
	(17)	Walter Hoskins	Residence	Toledo, O.	12,000.00
					<u>382,200.00</u>
1937	(1)	D. A. Spitznaugle	Residence	Toledo, O.	10,000.00
	(2)	Bd. of Ed., Franklin Twp.	School	Zone, O.	52,000.00
	(3)	L. C. Crandall	Residence	Toledo, O.	11,000.00
	(4)	D. A. Spitznaugle	Residence	Ottawa Hills, O.	12,800.00
	(5)	E. R. Thurston	Apartment	Toledo, O.	20,000.00
	(6)	C. P. Adamschick	Residence	Toledo, O.	9,000.00
	(7)	Bd. of Ed., Northwest Twp. (Williams County)	School	Cooney, O.	35,000.00
	(8)	Donald Canfield	Residence	Perrysburg, O.	6,500.00
	(9)	H. A. Wynkoff	Residence	Toledo, O.	8,500.00
	(10)	D. A. Spitznaugle	Residence	Toledo, O.	7,500.00
	(11)	E. A. Reynolds	Residence	Toledo, O.	14,000.00
	(12)	D. A. Spitznaugle	Residence	Toledo, O.	11,000.00
	(13)	E. C. Reynolds	Residence	Wauscon, O.	8,500.00
	(14)	Carl Biro	Residence	Marblehead, O.	11,000.00
	(15)	Bd. of Education	Elem. School and Science Building	Wauscon, O.	150,000.00
	(16)	D. A. Spitznaugle	Residence	Toledo, O.	11,000.00
	(17)	St. John's Ref. Church	Parsonage	Archbold, O.	7,500.00
	(18)	D. A. Spitznaugle	Residence	Toledo, O.	12,500.00
					<u>397,800.00</u>

## BRITTSCH &amp; MUNGER

1938	(1)	Bd. of Education	School	Delta, O.	198,000.00
	(2)	Bd. of Education	School	Delta, O.	11,000.00
	(3)	Bd. of Education	Addn. to School	Edon, O.	100,000.00
	(4)	Bd. of Education	2 School Bldgs.	Montpelier, O.	260,000.00
	(5)	Bd. of Education	Addn. to Hi. School	Bryan, O.	145,000.00
	(6)	Bd. of Education	High School	Pemberville, O.	80,000.00
	(7)	Bd. of Education	High School	Maumee, O.	330,000.00
	(8)	D. A. Spitznaugle	Residence	Toledo, O.	12,100.00
	(9)	Bd. of Education	School	Sylvania, O.	250,000.00
	(10)	Toledo Mct. Housing Auth.	Low Cost Housing	Toledo, O.	<u>1,450,000.00</u>
					<u>2,836,100.00</u>
1939	(1)	D. A. Spitznaugle	Residence	Toledo, O.	11,000.00
	(2)	D. A. Spitznaugle	Residence	Toledo, O.	13,000.00
	(3)	Bd. of Education	Rcm. School	Maumee, O.	15,000.00
	(4)	Village of Pemberville	Fire Station	Pemberville, O.	10,000.00
	(5)	Thomas Pilliod	Rcm. Residence	Swanton, O.	15,000.00
	(6)	L. H. House	Residence	Toledo, O.	14,000.00
	(7)	Mrs. C. W. Bess	Apartment Bldg.	Ottawa Hills, O.	21,000.00
	(8)	Thomas Leith	10 Apt. Hotel	Brighton, Mich.	24,000.00
	(9)	D. A. Spitznaugle	Apartment	Ottawa Hills, O.	32,000.00
	(10)	Bd. of Education	School	Weston, O.	<u>25,000.00</u>
					<u>180,000.00</u>
1940	(1)	Toledo Scale Company	Restaurant	Toledo, O.	11,500.00
	(2)	Frank Eichenlaub	Residence	Toledo, O.	7,500.00
	(3)	William Barber	Residence	Toledo, O.	10,000.00
	(4)	Harold Smith	Residence	Toledo, O.	11,500.00
	(5)	Toledo Mct. Housing Auth.	Low Cost Housing	Toledo, O.	365,000.00
	(6)	Village of Maumee, Ohio	City Hall	Maumee, O.	40,000.00
	(7)	Archbold Library Board	Library Bldg.	Archbold, O.	15,000.00
	(8)	D. L. Norby	Residence	Perrysburg, O.	12,000.00
	(9)	D. A. Spitznaugle	Apt. Bldg.	Toledo, O.	21,000.00
	(10)	Florence Wells	Residence	Toledo, O.	8,000.00
	(11)	Joseph W. Rittiner	Residence	Perrysburg, O.	10,000.00
	(12)	Bd. of Education	Rcm. School	Archbold, O.	6,000.00
	(13)	Oakwood Cemetery Board	Mausoleum	Adrian, Mich.	100,000.00
	(14)	Peters Stamping Co.	Factory Extension	Perrysburg, O.	50,000.00
	(15)	Powers & Son	Factory Ext. & Office	Montpelier, O.	30,000.00
	(16)	Christian Missionary Alliance	Church Addn.	Monroe, Mich.	25,000.00
	(17)	A. M. Abbott Co.	Mausoleum	Ft. Myers, Fla.	<u>90,000.00</u>
					<u>812,500.00</u>
1941	(1)	Board of Education	School Addn.	Grover Hill, O.	75,000.00
	(2)	E. F. Heydinger	Residence	Toledo, O.	22,000.00
	(3)	Perrysburg Banking Co.	Remodeling Bank	Perrysburg, O.	18,000.00
	(4)	St. Joseph's Church	Addn. to School & Remodeling Residence	Maumee, O.	35,000.00
	(5)	Merve Lownsbury	Rem. Residence	Perrysburg, O.	15,000.00
	(6)	Central Brass Foundry	Rebuilding Factory	Toledo, O.	20,000.00
	(7)	Toledo Scale Co.	Factory, Drew Training Bldg.	Toledo, O.	35,000.00
	(8)	William Singer	Residence	Weston, O.	18,000.00
	(9)	Woodlawn Cemetery	Mausoleum	Toledo, O.	300,000.00
	(10)	G. M. Richard	Residence	Toledo, O.	15,000.00

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1941	(11)	Dowling Funeral Home	Addition	Perrysburg, O.	20,000.00
	(12)	Winn Powers	Residence	Montpelier, O.	12,000.00
	(13)	Spicer Mfg. Co.	Club	Toledo, O.	20,000.00
	(14)	Toledo Machine & Tool Co., Branch of E.W.Bliss Corp.	Addn. to Factory	Toledo, O.	200,000.00
	(15)	Toledo Dunbrick Co.	Addn. to Factory	Toledo, O.	12,000.00
	(16)	North Toledo Community House	Community House	Toledo, O.	10,000.00
	(17)	Arlington M.E. Church	Remodeling Church	Arlington, O.	35,000.00
	(18)	Cathedral Chapel	Remodeling	Toledo, O.	20,000.00
	(19)	Ironville M.E. Church	Remodeling	Toledo, O.	5,000.00
	(20)	St. Rose Church	Addn. to Church	Perrysburg, O.	23,000.00
	(21)	Toledo Met. Housing Auth.	Low Cost Housing	Toledo, O.	800,000.00
					<u>1,710,000.00</u>
1942	(1)	Moto Meter Guage & Equip. Div. of Elec. Auto-Lite Company	Addn. to Factory	LaCrosse, Wisc.	560,000.00
	(2)	E.L. Southworth Co.	Proposed Housing Project	Toledo, O.	700,000.00
	(3)	St. Joseph's Catholic Church	New Church	Toussiant, O.	30,000.00
	(4)	Peters Stamping Co.	Addn. to Factory	Perrysburg, O.	100,000.00
	(5)	Corps. of Engineers - U.S. Army	<i>Quartermaster</i> Depot	Marion, O.	5,200,000.00
	(6)	Fed. Public Housing Auth.	Temporary Housing	Marion, O.	90,000.00
	(7)	" " " "	" " "	Marion, O.	650,000.00
	(8)	L. E. Temple	Residence	Harbor Island, Bahamas	15,000.00
					<u>7,345,000.00</u>
1943	(1)	Jewish Welfare Board	U.S.O. Club	Port Clinton, O.	6,000.00
	(2)	George A. Roose	Farm Bldg.	Perrysburg, O.	15,000.00
	(3)	Fed. Public Housing Auth.	Defense Housing	Muskegon, Mich.	300,000.00
	(4)	" " " "	Trailer Park Projs.	Port Clinton, O.	120,000.00
	(5)	" " " "	" " "	Port Clinton, O.	109,000.00
	(6)	" " " "	" " "	New Haven, Mich.	15,000.00
	(7)	Fayette Mfg. Co.	Addn. to Factory	Fayette, O.	20,000.00
	(8)	Perrysburg Bd. of Educa- tion	Remodeling School	Perrysburg, O.	9,000.00
	(9)	Fed. Public Housing Auth.	Defense Housing	Adrian, Mich.	110,000.00
	(10)	" " " "	" "	Adrian, Mich.	50,000.00
	(11)	" " " "	" "	Port Clinton, O.	384,000.00
	(12)	Montpelier Mfg. Co.	Addn. to Factory	Montpelier, O.	15,000.00
	(13)	Blakeslee Catholic Church	Addn. to Church	Blakeslee, O.	10,000.00
	(14)	Aro Mfg. Company	Addn. to Factory	Bryan, O.	70,000.00
					<u>1,233,000.00</u>
1944	(1)	Tecumseh Products Co.	Addn. to Factory	Tecumseh, Mich.	150,000.00
	(2)	Graphic Arts Corp.	Addn. to Printing Establishment	Toledo, O.	125,000.00
	(3)	Bd. of Education	New High School	Wauseon, O.	250,000.00
	(4)	A. B. Caple Company	Addn. to Plant	Toledo, O.	10,000.00
	(5)	Frushauf Trailer Co.	Alterations to Service Bldg.	Toledo, O.	20,000.00
					<u>565,000.00</u>

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1944	(1)	Mon Ami Champagne Co.	Winery	Catawba Island	\$	25,000.00
	(2)	Fulton Mfg. Company	Addn. to Factory	Wauseon, O.		45,000.00
	(3)	Ursuline Sisters	Administration Bldg.	Grand Rapids, O.		20,000.00
	(4)	Aro Equipment Corp.	Addn. to Factory	Bryan, O.		150,000.00
	(5)	King Wyse Co.	Factory Building	Wauseon, O.		180,000.00
	(6)	Board of Education Washington Township	Service Building	Lucas County, O.		17,000.00
	(7)	Board of Education Sylvania, O.	Alterations	Sylvania, O.		6,000.00
	(8)	Tecumseh Prof. Co.	Addns. to Factory	Tecumseh, Mich.		120,000.00
	(9)	Montpelier Ex School District	Service Bldg. & Garage	Montpelier, O.		12,000.00
	(10)	Paul Elder Co.	Alt. Laboratory Bldg.	Bryan, O.		10,000.00
	(11)	Harry Galloway	Apartment Bldg.	Toledo, O.		10,000.00
	(12)	Board of Education	Alt. H. S. Auditorium	Bryan, O.		25,000.00
1945	(1)	Central Brass Foundry	Addn. to Foundry	Toledo, O.		14,000.00
	(2)	Bard Mfg. Company	Factory Building	Bryan, O.		65,000.00
	(3)	Swift Tool Company	Addn. to Factory	Waterville, O.		12,000.00
	(4)	St. Mary's Church	Alterations & Repairs	Holgate, O.		35,000.00
	(5)	Garrett E. Spitzer	New Residence	Parma, Mo.		20,000.00
	(6)	Frank DeAngelo	Alterations to Warehouse	Toledo, O.		40,000.00
	(7)	Ft. Meigs Cemetery	Service Building	Perrysburg, O.		30,000.00
	(8)	W. H. Smith	5-10-1.00 Store	Perrysburg, O.		25,000.00
	(9)	Bd. of Education Bedford	School Addn.	Monroe, Mich.		35,000.00
	(10)	Gallagher Cleaners	Addns. & Alterations Cleaning Plant	Toledo, O.		10,000.00
	(11)	Montpelier City Ldry.	Laundry Building	Montpelier, O.		15,000.00
	(12)	First Mennonite Church	Church	Adrian, Mich.		8,500.00
	(13)	Urban Fredericks	Motor Sales	Fremont, O.		35,000.00
	(14)	Village Council	Service Bldg.	Montpelier, O.		5,000.00
	(15)	Edward Abbey	Residence	Toledo, O.		25,000.00
	(16)	William Searight	Residence	Ottawa Hills, O.		35,000.00
	(17)	University of Toledo	Utilities Trailer Park	Toledo, O.		15,000.00
	(18)	Ben Green	Residence	Toledo, O.		11,000.00
	(19)	D. J. Marleau Hardware Co.	Store Building	Toledo, O.		50,000.00
	(20)	St. Anthony's Parish	Alterations & Addns. to Church	Milan, Mich.		45,000.00
	(21)	Ernest Glauser	Residence	Toledo, O.		35,000.00
	(22)	Board of Education Jackson Liberty Twp.	Alt. to School	Kansas, O.		7,000.00
	(23)	Burt M. McMillen	Garage & Apt. Bldg.	Adrian, Mich.		60,000.00
	(24)	American Legion Mem. Home Assn.	Memorial Building	Tecumseh, Mich.		60,000.00
	(25)	Just Rite Cleaners	Addn. to Bldgs.	Perrysburg, O.		50,000.00
	(26)	Township Trustees Jerusalem Township	Fire Station	Bono, O.		20,000.00

## BRITSCH &amp; MUNGER

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1945 (27)	Board of Education Village School Dist.	Addns. to & Remod- eling High School	Perrysburg, O.	\$ 200,000.00 \$1,897,000.00
1946 (1)	Dolly Madison Co.	New Plant and Restaurant	Toledo, O.	20,000.00
(2)	Village of Montpelier	Fire Station and Village Hall	Montpelier, O.	25,000.00
(3)	Grizzly Mfg. Co.	Addn. to Factory	Paulding, O.	200,000.00
(4)	Fred Uffman	Alterations to Apt. Building	Rossford, O.	12,000.00

## KEY PERSONNEL.

## CARL C. BRITSCH - REGISTERED ARCHITECT

Born - Archbold, Ohio, April 12, 1889

Education - Elementary school and high school education in Archbold schools; graduating in 1906, graduate Carnegie Institute of Technology, Pittsburgh, Pa., 1916.

Member - American Institute of Architects  
Architects Society of Ohio

Licensed - Registered Architect in State of Ohio  
Registration No. 956  
National Council of Architectural Registration Boards  
Registration No. 392  
Registered Architect in State of Michigan  
Registration No. 1999  
Registered Architect in State of Indiana  
Registration No. 270

## Experience:

- 1906-1912 In office of Gotshall Mfg. Co., Archbold, Ohio, general sawmill and wholesale and retail lumber dealers, manufacturers of cooperage stock and ship building timbers. During first two years of this period, my duties included bookkeeping, correspondence and shipping clerk. The last four years of this period I had complete charge of the Archbold office. Other duties included estimating and pricing lumber bills, buying native timber in the log, also lumber in carload lots for retailing. Finished Scranton Correspondence Course in Architecture during this period.
- 1912-1916 Carnegie Institute of Technology, Pittsburgh, Pa. Bachelor of Arts in Architecture. In Junior year won scholarship for scholastic standing and was appointed to position of assistant on faculty during Senior year.
- 1916-1918 Chief Draftsman office of Stophlet & Stophlet, Architects, Toledo, Ohio, whose practice consisted of schools, churches, theatres, hospitals, commercial, industrial and apartment buildings, and residences.
- During school term of September 1916 to June 7, 1917 on faculty of Defiance College, Defiance, Ohio, instructor in Architectural and Mechanical drawing. Evening classes.
- July, 1918 to February, 1919 - U.S. Military Service branches of Artillery and Ordnance. Discharged with rank of Ordnance Sergeant.
- 1919-1923 After discharge from U.S. Army I returned to office of Stophlet & Stophlet as Chief Draftsman until 1923, when I opened my own office for the general practice of Architecture.
- 1923-1927 Operated own office in the general practice of Architecture in Toledo. Work consisted of residences, apartments, churches and commercial buildings.

June, 1927 Formed partnership with Harold H. Munger and record of performance since that date is set forth under Britsch & Munger.

Married June 4, 1919 - 2 children.

## KEY PERSONNEL

## HAROLD H. MUNGER - REGISTERED ARCHITECT

Born - Perrysburg, Ohio, July 29, 1890. Married - One child.

Education - Perrysburg High School-1907.  
 Davis Business College, Toledo, Ohio-1909.  
 Graduate Notre Dame University, Notre Dame, Indiana, 1915, with degree  
 of Bachelor of Science in Architecture.

Member of Notre Dame University Football squad 1911, 1912, 1913.

Member - American Institute of Architects  
 Ohio Society of Architects  
 National Association of Housing Officials  
 President - Toledo Chapter, American Institute of Architects in 1942 and 1943.

Licensed - Registered Architect in State of Ohio  
 Registration No. 298  
 National Council of Architectural Registration Boards  
 Registration No. 393  
 Registered Architect in State of Michigan  
 Registration No. 4776

## Experience:

1909-1910 Office Assistant to Resident Engineer on construction of \$1,500,000.00  
 river Ore Dock of C.H.&D. R.R. now B. & O. R.R.

1910-1911 Employed by Houghton Elevator & Machine Company, Toledo, Ohio, in Sales  
 office.

1911-1915 Notre Dame University.

1915-1918 Draftsman with Thomas F. Huber, deceased, Toledo architect on such work  
 as \$500,000.00 Waldorf Hotel, Toledo; \$150,000.00 Nurses Home at St.  
 Vincent's Hospital; \$110,000.00 Addition to Lucas County Childrens Home,  
 and \$85,000.00 Addition to Lutheran Orphanage; all in Toledo.

1918-1919 In Army as private, corporal and at end of war a candidate in Artillery  
 Officers Training School at Camp Taylor, Ky.

1919 Designer in office of M.M. Stophlet, Toledo, on additions to National  
 Orphans Home of Junior Order of American Mechanics at Tiffin, Ohio.

1920 Designing and detailing interior of Allen Theatre, Cleveland, Ohio,  
 in Cleveland Office of C. Howard Crane, Detroit Architect.

1921-1923 Designer and Superintendent of Construction in Architectural Department  
 of Toledo Board of Education on \$11,000,000.00 School building program.  
 Under his supervision over \$2,500,000.00 of school construction was  
 completed.



1923-1927 Supervisor of construction for the City of Toledo. During this time he supervised the construction of the \$1,500,000.00 Safety Building, (City Hall) and a large program of building in Toledo parks. In 1923 he also designed and supervised the construction of a \$90,000.00 factory building now owned and used by the Peters Stamping Company, Perrysburg, Ohio.

1927 Entered partnership with Carl C. Britsch.

For record of Britsch & Munger's work see accompanying data.

KEY PERSONNEL

M. DeWITT GROW - ARCHITECT

Born - Saginaw, Michigan, July 12, 1910.

Education - Public Schools of Toledo, Graduate Carnegie Institute of Technology 1934.

Partner - Made Junior Partner in firm of Britsch & Munger, January 1st, 1946.

Member - Toledo Chapter, American Institute of Architects.

Licensed - State of Ohio, No. 1118.

Experience:

1929-1934 Employed as draftsman intermittently by Britsch & Munger on various types of small work. Some small experience in supervision during this period.

1934-date Employed by Britsch & Munger as designer and chief draftsman. Work has embraced, in addition to numerous smaller projects, approximately \$2,000,000 in school construction under recent P.W.A. program, as well as design, working drawings, and detailing on Charles F. Weiler Homes Housing Project, and Brand Whitlock Extension Housing Project. Further supervisory experience during this period.

KEY PERSONNEL

JOHN P. MACELWANE - ARCHITECT, ENGINEER AND SPECIFICATION WRITER.

Born - Port Clinton, Ohio, May 3, 1896.

Education: Six years college training  
 Three years at Holy Cross College, Worcester, Mass.  
 Three years at Ohio State University, Columbus, O.  
 Graduated from Ohio State University in 1922 with degree of  
 Bachelor of Architectural Engineering.

Member \* Toledo Chapter American Institute of Architects  
 Toledo Section, Architects Society of Ohio.

Licensed - Registered Architect, Ohio Certificate No. 616  
 Registered Structural Engineer, Ohio Registration No. 5418

Experience:

- 1922-1926 Construction engineer for the A. Bentley & Sons Co., largest general contracting firm in Toledo, Ohio. This included approximately \$10,000,000.00 worth of construction work, including St. Joseph's Hospital, Ann Arbor, Mich., Veterans' Bureau Hospital, Camp Custer, Mich., Park Lane Hotel, Toledo, Ohio Bell Telephone Company building, Toledo, and several smaller projects as well as several months work in draughting room.
- 1926 Three months construction engineer for the Standard Oil Co. of Ohio at their Toledo refinery.
- 1927-1935 Supervising Architect for the Toledo Catholic Diocese. This included complete supervision of construction on the \$1,000,000.00 Central Catholic High School and the \$2,000,000.00 New Toledo Cathedral, as well as various other construction projects throughout the diocese. It also included considerable appraisal work and consultation on numerous buildings and parishes in the diocese. The cathedral job involved the negotiating, drawing up and supervision of over fifty individual contracts, as well as directing the provision of drawings, checking of shop drawings, etc.
- 1936-1938 Assistant Project Manager for the Housing Division of the Public Works Administration on the construction of Brand Whitlock Homes. This position afforded an opportunity for obtaining a thorough knowledge and experience in connection with Government procedure, construction methods, etc.
- 1939-present Field Superintendent and Specification writer for Britsch & Munger on United States Housing Authority projects and U.S. Engineer Depot, Marion, Ohio. This additional experience on Weiler Homes and Brand Whitlock Extension Housing Project has added materially to that previously obtained with the Housing Division. Now specification writer and Construction Superintendent for firm.

Jan. 1st, 1946 Made "associate" in firm.

KEY PERSONNEL**MARK B. STOPHLET - REGISTERED ARCHITECT**

Born - Fort Wayne, Indiana in 1881

Education - Public and High Schools of Toledo, Ohio.

After high school, spent eight years, 1902 to 1910, as apprentice in office of Bernard Becker a prominent architect of Toledo, Ohio.

Member - American Institute of Architects

Toledo Chapter, American Institute of Architects

Secretary of Toledo Chapter, A.I.A. - 1937 to 1946

Elected Director of Toledo Chapter, A.I.A. - 1946

Toledo Section, Architects Society of Ohio of A.I.A.

Licensed - Registered Architect - State of Ohio #252

**Experience:**

1910 Architectural draftsman and designer in office of Manfred M. Stophlet, Architect, Toledo, Ohio.

1918 Made partner with Manfred M. Stophlet as Stophlet & Stophlet, Architects, Toledo, Ohio.

Had general charge of office, was designer, and wrote all specifications. Designed and supervised many private and public buildings. After death of brother in 1939, conducted office under name of Mark B. Stophlet, Architect, successor to Stophlet & Stophlet.

1942 4 months as inspector for Britsch & Munger, Architects on Government project - Quartermasters Depot, Marion, Ohio.

1942  
to

1945 With Britsch & Munger - designer and general drafting work, specifications, etc.

1946 Made associate architect with Britsch & Munger, Architects, Toledo, Ohio.

KEY PERSONNEL

S. D. BRYCE - HEATING & VENTILATING ENGINEER

Born - Dayton, Ohio, 1875.

Education - Public and High Schools of Dayton.

Member: - Heating & Ventilating Society of Toledo.

American Society of Heating & Ventilating Engineers

Past President - Indiana Association of Heating & Ventilating Engineers.

Licensed: - State of Ohio, Heating & Ventilating Engineer Reg. #329.

Experience:

- 1893-1933 Partner with father and brother in Heating Engineering and Contracting with an intimate personal part in the design, specification, installation, purchasing and selling of heating and ventilating apparatus in more than one thousand Public Schools, Colleges, and Churches in various States and in Canada.
- 1933 Consultant Heating & Ventilating Engineer. Served Britsch & Munger on new school building construction valued at more than \$5,000,000.00.

KEY PERSONNEL

ORA L. APPLE - ELECTRICAL ENGINEER

Born - Auburn, Indiana, February 7, 1901.

Education - Public Schools, Auburn, Indiana, and Toledo, Ohio,

Graduate Toledo University, Toledo, Ohio.

Member - National Society of Professional Engineers  
Ohio Society of Professional Engineers  
Toledo Society of Professional Engineers  
American Institute of Electrical Engineers

Licensed - Professional Electrical Engineer - State of Ohio #6479.

Experience:

1929-1930 Electrical Layout, Newton Steel Company.

1930-1932 Engineer, Surface Combustion Co., Toledo, Ohio.

1932-1939 Electrical Instructor, Toledo Board of Education.

1939- Consulting Engineer - Toledo Board of Education.

1940 to date Consulting Electrical Engineer for City of Toledo;  
Britsch & Munger, Registered Architects; Champe Finkbeiner &  
Associates, Engineers; Forster, Wernert & Taylor, Industrial  
Engineers; Owens - Illinois Glass Company.

Specialties - Electrical Illumination, Electrical Power, Wiring, Industrial  
Control, Schools, Public Buildings, Factories, Churches,  
Playgrounds, Airports, Protective Lighting.

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KEY PERSONNEL**R. C. REESE - STRUCTURAL ENGINEER**

Born - Pittsfield, Mass., December 22, 1893

Education: Pittsfield Grammar School and High School  
 B. S. Massachusetts Institute of Technology 1920 Civil Engineering.  
 Graduate work at M.I.T. in reinforced concrete design, statically  
 indeterminate structures, etc.  
 Work at Price Hall, Harvard with Professors Swain and L. J. Johnson  
 in structural subjects.

Member - Associate Member American Society of Civil Engineers

Society for Promotion of Engineering Education

American Concrete Institute

International Assoc. of Bridge & Structural Engrs.

Toledo Society of Professional Engineers

Licensed - Registered Civil Engineer Ohio 746

Registered Surveyor Ohio 746

Experience:

- 1908-1920 Building Department, Pittsfield Works, General Electric Co.  
 First at tracing, inspection, supervising their designing and for  
 eight years as Chief Draftsman, supervising design of 30 odd  
 buildings, including Emergency war orders. About 8,000,000 of  
 work including Power Plant, Hoisting and conveying machinery, coal  
 handling etc., as well as other buildings.
- 1920-1922 Private practice in Pittsfield, Mass., including stores and  
 apartments for J. Plotzky; stores for M. Benson; buildings for  
 Chesline Lime Company, coal storage bins, etc.
- 1922-1924 Chief Engineer and Secretary for the Hausman Steel Company,  
 Toledo, Ohio, designing reinforced concrete structures, including  
 over 4000 buildings of various kinds.
- 1924-1934 Private structural Engineering practice as R. C. Reese & Associates.
- 1934-date Structural Engineer for work as listed elsewhere, mostly in  
 employ of Architects, except that Industrial Work Grain Elevators,  
 etc., are handled direct. Also engineer for The Hausman Steel  
 Company, Columbia Concrete Block Company, National Cement Products  
 Company, Art Iron & Wire Works, Inc., etc.

1934-Date Lecturer at Toledo University in structural subjects including statics, strength of materials, reinforced concrete design, structural steel, statically indeterminate structures and economics of structural framing. Author of half a dozen articles in Engineering News Record and others on structural subjects. Rewriting "Sutherland's Reinforced Concrete Design" to be completed this year.

Specialist in Economics of Framing including:

Structural design of Lamson Brothers Department Store, Toledo, O. to save \$80,000.00.

American Educational Press at 40 So. 3rd St., Columbus, Ohio, to save \$36,000.00.

Hershey Chocolate Factory, Hershey, Pa., to save \$40,000.00.

Toledo University Group to save \$350,000.00.

Work includes such features as 90 ft. span concrete balcony for Shine's Theatre, Lima, Ohio; 90 ft. reinforced concrete balcony for Findlay High School; 75 ft. Balcony for Maumee High School; four story Rigid Frame for Union National Bank, Fostoria, Ohio, to eliminate interior columns; 75 foot span rigid frames at Pemberville, Ohio; wind stresses in 16 story Abraham Lincoln Hotel, Reading, Pa., numerous construction details for use of sliding forms on grain elevators; development of welded steel construction for the Art Iron & Wire Works, Inc., including 75 ft. plate girders, 70 ft. trusses; and numerous 40 to 50 ft. long span split I-beam trusses; Flat Slab designs including 1600 ton building for Willys-Overland; designer of heavy forms for concrete including those on Columbus Sewage Disposal Plant.

ORGANIZATION

(Now actually employed by Britsch & Munger)

ARCHITECTS (Members of Firm)

C. C. Britsch - A.I.A. - Registered Ohio, Michigan, Indiana  
Cert. No. 392, National Council Architectural  
Registration Boards  
See pages 4-5-6-7-8-9-10-11-12-22-23-25-26

Harold H. Munger - A.I.A. - Registered Ohio, Michigan  
Cert. No. 393, National Council Architectural  
Registration Boards

M. DeWitt Grow - A.I.A. - Registered Ohio  
See page 15

ASSOCIATES IN FIRM

John P. Macelwane - A.I.A. - Registered Architect in Ohio  
Registered Structural Engineer in Ohio  
See page 16

Mark B. Stophlet - A.I.A. - Registered in Ohio  
See page 17

ARCHITECTURAL DESIGNERS (Key Men)

M. DeWitt Grow, Registered Architect - Ohio 1118 (See page 62)

Mark B. Stophlet, Registered Architect - Ohio 252

Stephen M. Jokel, Registered Architect - Ohio 157

Willis A. Vogel - Registered Architect - Ohio 587

Byron F. Killinger

STRUCTURAL ENGINEERS (Key Men)

John P. Macelwane, Registered Structural Engineer - Ohio 5418  
Registered Architect - Ohio 616

R. C. Reese, Registered Civil Engineer - Ohio 746  
Registered Surveyor - Ohio 746

ORGANIZATION (Now actually employed by Britsch & Munger)ELECTRICAL ENGINEERS (Key Men)

Ora L. Apple, Registered Electric Engineer - Ohio 6749

MECHANICAL ENGINEER (Key Men)

S. D. Bryce - Registered Heating Engineer - Ohio

LANDSCAPE ARCHITECT AND SITE PLANNER

A. I. G. Britsch - Landscape Architect

M. D. Grow - Architect

John A. Snell - Engineer

ARCHITECTURAL AND ENGINEERING DRAFTSMEN

M. DeWitt Grow

John A. Handy

Mark B. Stophlet

Robert M. Pattison

S. M. Jokel

Norman Levy

Byron F. Killinger

Gene Fisher

Clair Shaler

Paul Alexander

Willis A. Vogel

Horace W. Wachter

Frank A. Lange

Glen D. Stone

Joseph C. Huber

Cecil Cox

ARCHITECT AND ENGINEER INSPECTORS

John P. Macelwane

Mark B. Stophlet

Willis A. Vogel

Cecil Cox

Arthur Taylor

Horace W. Wachter

Paul Alexander

FIELD PARTY LEADERS AND INSTRUMENT MEN

Ralph Campbell - Registered Surveyor - Ohio

Otto Hines - Registered Surveyor - Ohio

Carl Krauss - Registered Surveyor - Ohio

COLLABORATING ENGINEERS

Finkbeiner, Pettis & Strout, Toledo, Ohio (See Pages 47 to 62 Incl.)

Water Supply and treatment, sewers and sewage treatment, steam and Diesel engine generation, drainage and flood control, streets and bridges.

Carleton S. Finkbeiner -- Registered Professional Engineer and Surveyor in Ohio; Civil, Mechanical, Electrical in Michigan, Indiana and West Virginia.

C. Emerson Pettis -- Registered Professional Engineer and Surveyor in Ohio.

Harold K. Strout -- Registered Professional Engineer and Surveyor in Ohio.

## STRUCTURAL ENGINEER (CONSULTANT)

Ray C. Reese, Toledo, Ohio - Registered Civil Engineer, Ohio 746  
Registered Surveyor, Ohio 746  
See pages 20-27-28-29-30-31.

## MECHANICAL AND ELECTRICAL ENGINEERS (CONSULTANT) Heating, Plumbing, Wiring.

John Paul Jones, Cary & Millar, Cleveland, Ohio - Registered Professional Engineers.  
(See pages 32 to 46 Incl.)

## SURVEYING

G. M. Barton Survey Company, Toledo, Ohio  
Registered Surveyors, Ohio 2431

LIST OF PROJECTS DESIGNED FOR FEDERAL AGENCIES  
(OR WITH FINANCIAL ASSISTANCE FROM THEM)  
BY BRITSCH & MUNGER, REGISTERED ARCHITECTS

<u>YEAR</u>	<u>FEDERAL AGENCY</u>	<u>PROJECT</u>	<u>LOCATION</u>	<u>COST</u>
1935	Housing Division, Federal Public Works Administration	Brand Whitlock Homes Allied Architects Harold H. Munger, Chief Architect C. C. Britsch, Chief Designer	Toledo, O.	\$1,400,000.00
1938	U.S. Housing Authority Toledo Metropolitan Housing Authority	Charles F. Weiler Homes Britsch & Munger	Toledo, O.	1,450,000.00
1939- 40	U.S. Housing Authority Toledo Metropolitan Housing Authority	Extension Brand Whitlock Homes Britsch & Munger	Toledo, O.	365,000.00
1942	Federal Public Housing Authority	Utilities Trailer Housing	Marion, O.	90,000.00
	Federal Public Housing Authority	Defense Housing	Marion, O.	650,000.00
1943	Federal Public Housing Authority	Defense Housing	Muskegon, Mich.	300,000.00
	Federal Public Housing	Utilities Trailer Park	Port Clinton, O.	120,000.00
	Federal Public Housing Authority	Utilities Trailer Park	Port Clinton, O.	109,000.00
	Federal Public Housing Authority	Utilities Trailer Park	New Haven, Mich.	15,000.00
	Federal Public Housing Authority	Utilities Trailer Park	Adrian, Mich.	110,000.00
	Federal Public Housing Authority	Utilities Trailer Park	Adrian, Mich.	50,000.00
	Federal Public Housing Authority	Defense Housing	Port Clinton, O.	384,000.00
	Federal Public Housing Authority	Utilities Trailer Park	Genoa, O.	16,000.00
1945	Federal Public Housing Authority	Utilities Trailer Park, University of Toledo	Toledo, O.	15,000.00
TOTAL COST OF HOUSING				\$5,074,000.00

SCHOOLS & PUBLIC BUILDINGS

1933	C.W.A. & F.E.R.A.	Ft. Meigs State Park - Shelter House and other improvements	Perrysburg, O.	\$ 60,000.00
1935	Public Works Administration	Village Hall	Stryker, O.	15,000.00
	F.E.R.A.	Village Hall	Swanton, O.	20,000.00
	F.E.R.A.	Village Service Building	Perrysburg, O.	16,000.00
	P.W.A.	High School Building	Pemberville, O.	120,000.00
	P.W.A.	School Building	Edon, O.	60,000.00



<u>YEAR</u>	<u>FEDERAL AGENCY</u>	<u>PROJECT</u>	<u>LOCATION</u>	<u>COST</u>
1936	W.P.A.	Base for Statuary Group	Perrysburg, O.	\$ 16,000.00
	P.W.A.	School	Holland, O.	120,000.00
	P.W.A.	School	Sylvania, O.	24,000.00
1937	P.W.A.	School	Zone, O.	52,000.00
	P.W.A.	School	Cooney, O.	35,000.00
	P.W.A.	School	Wauseon, O.	150,000.00
1938	P.W.A.	School	Delta, O.	198,000.00
	P.W.A.	School	Edon, O.	100,000.00
	P.W.A.	Two Schools	Montpelier, O.	260,000.00
	P.W.A.	School	Bryan, O.	145,000.00
	P.W.A.	School	Pemberville, O.	80,000.00
	P.W.A.	School	Maumee, O.	330,000.00
	P.W.A.	School	Sylvania, O.	250,000.00
1939	P.W.A.	Addition to School	Maumee, O.	11,000.00
1945	F.W.A.	Two Schools	Perrysburg, O.	450,000.00
	F.W.A.	School	Lake Township Wood County, O.	385,000.00
	F.W.A.	School	New Riegel, O.	200,000.00
	F.W.A.	School	Fayette, O.	200,000.00
	F.W.A.	School	Sylvania, O.	200,000.00
TOTAL COST OF SCHOOLS & PUBLIC BUILDINGS				<u>\$3,497,000.00</u>

1942	U. S. Army	Engineer Depot	Marion, O.	\$5,200,000.00
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Total Work for U. S. Army	\$ 5,200,000.00
Total Work on Public Housing	5,074,000.00
Total cost of Schools and Public Buildings with aid from U. S. Government Financing Agencies	<u>3,497,000.00</u>
TOTAL WORK FOR FEDERAL GOVERNMENT	<u>\$13,771,000.00</u>

WORK OF R. C. REESE, REGISTERED STRUCTURAL ENGINEER, WHO PREPARED STRUCTURAL OR COMPLETE PLANS FOR THE FOLLOWING. IN ADDITION MR. REESE HAS BEEN THE STRUCTURAL ENGINEER ON PRACTICALLY ALL OF BRITSCH & MUNGER'S WORK WHICH IS NOT NAMED BELOW

<u>OWNER</u>	<u>Location</u>	<u>TYPE OF BLDG.</u>	<u>APP. VALUE</u>
<u>GRAIN ELEVATORS &amp; STORAGE BINS</u>			
Victor Milling Co.	Pittsford, N. Y.	Grain Elevator	\$25,000.00
Gwinn Milling Co.	York, Pa.	Pulp Storage Tanks	25,000.00
Hocking Glass Co.	Washington Court House, Ohio	Grain Handling Plant	200,000.00
Old Fort Mills	Lancaster, O.	Cullet Storage Bins	35,000.00
Rude Company	Marion, O.	Grain Handling Plant	80,000.00
F. J. Woods Co.	Wooster, O.	Soy Bean Elevator	
Farmers Elevator	Covington, O.	Grain Elevator	
Rochester Distilling Co.	London, O.	Storage Bldg.	
Kirk Milling Co.	Pemberville, O.	Grain Elevator	
Victor Herter Milling Co.	Rochester, N. Y.	Grain Storage	
Mennel Milling Co.	Findlay, O.	" "	
Evans Milling Co.	Dayton, O.	" "	
	Fostoria, O.	" "	
	Indianapolis, Ind.	Coal Storage	
<u>LOW COST HOUSING</u>			
(In addition to Weiler & Brand Whitlock Addn.)			
Oletangy Village Housing	Columbus, O.	Low Cost Housing (structural redesign to save money)	2,000,000.00
Home Industries, Inc.	Rochester, N. Y.	44 Concrete Frame Houses	200,000.00
Anderson	Maumee, Ohio	Low Cost Housing	
<u>STADIUMS &amp; STANDS</u>			
Board of Education	Sandusky, O.	Strobel Field Stadium & Concrete Enclosure (6,000 seats)	200,000.00
" " "	Lima, O.	Stadiums (5,000 seats)	125,000.00
" " "	Columbus, O.	Red Birds Ball Park	200,000.00

University of Toledo	Toledo, O.	Stadium	150,000.00
Board of Education	Tiffin, O.	"	125,000.00
" " "	Bryan, O.	"	
" " "	Bluffton, O.	"	
" " "	Delphos, O.	"	
The Ice House, Inc.	Toledo, O.	Covered Rink & Stands	100,000.00

HOTELS & APARTMENTS

	Baltimore, Md.	Lord Baltimore Hotel	2,000,000.00
	Toledo, O.	Hillcrest Arms	1,500,000.00
	Reading, Pa.	Abraham Lincoln Hotel	1,200,000.00
	Columbus, O.	Royal York Apts.	1,300,000.00
	Charleston, W. Va.	Daniel Boone Hotel	1,600,000.00
University of Toledo	Toledo, O.	Students Dormitories 1,2,3,4 and Union	
	Lima, O.	Kirwan Hotel	

HOSPITALS & HOMES

	Lima, O.	Lima Memorial Hosp.	
	Toledo, O.	Crippled Children's Home (Structural redesign to save money)	
	Toledo, O.	Lucas County Infirmary	
	Bucyrus, O.	Bucyrus Hospital	
	Bluffton, O.	Bluffton Hospital	

THEATERS & AUDITORIUMS

Bowling Green State Univ.	Bowling Green, O.	Auditorium	
Schine Enterprises	Lima, O.	Theater (90 ft. concrete balcony)	
" "	Perry, N. Y.	"	
" "	Kenton, O.	"	
" "	Van Wert, O.	"	
" "	Tiffin, O.	"	
" "	Malone, N. Y.	"	
" "	Toledo, O.	Toledo Theater	

PUBLIC BUILDINGS

Library Board	Toledo, O.	Public Library	1,500,000.00
	Sandusky, O.	Erie County Courthouse	250,000.00
	Tiffin, O.	Municipal Bldg.	120,000.00
	Toledo, O.	Locke Library	
	" "	South Side Library	
	Ottawa Hills, O.	Service Bldg.	
	Sidney, O.	Municipal Bldg.	
	Bryan, O.	Williams County Jail	
		Mercer County Jail	

STORES & OFFICE BLDGS.

Lamson Bros.	Toledo, O.	Redesign to concrete for economy	1,500,000.00
American Educational Press	Columbus, O.	40 S. 3rd St.	
Dr. Harpst	Toledo, O.	Clinic Bldg.	
C. F. Denzer	Fostoria, O.	Union Nat'l. Bank	
	Sandusky, O.	Store	

INDUSTRIAL PLANTS:

General Electric Co.	Pittsfield, Mass.	30 Buildings Chief Draftsman Bldg. Dept. 8 hrs. incl. War Orders 1914-18	8,000,000.00
Willys Overland Co.	Toledo, O.	4 story 800 ft. concrete Drive-away Bldg.	
Champion Co.	Springfield, O.	330 ft. Conc. Bldg. for Burial Vault Mfg.	
Christ Diehl Brewery	Defiance, O.	General Storage & Brewing buildings	
Champion Spark Plug Co.	Toledo, O.	Factory office	250,000.00
Kearns Packing Co.	Mansfield, O.		
Reynolds & Reynolds	Dayton, O.	Assembly Hall	
Globe Box Factory	Lima, O.		
McKesson Appliance Co.	Toledo, O.		
Glenn Thomas	Toledo, O.	Terminals	
Dolite Company	" "	Steel Frame Cooler Bldg.	
Henkle Claus Shear Co.	Fremont, O.	Forge Shop, Storage & Misc. Bldgs.	
M. V. C. Lab.	Toledo, O.		

INDUSTRIAL PLANTS CONT'D.

H & K	Toledo, O.	Trucking Terminal
Liberty Highway	Toledo, O.	" "
H & S Modern Baking Co.	Sandusky, O.	
O. D. Wearley	Toledo, O.	Chrysler Sales & Serv. Bldgs.
City Transits	Cincinnati, O.	Service Bldg.
Engels & Kordwig	Sandusky, O.	Wine Storage
Farnsworth Fruit	Waterville, O.	Storage Bldg.
Kranz Brewing Co.	Findlay, O.	Several Buildings
Diamond Fertilizer Co.	Sandusky, O.	
Kieswetter Carpet Cng.Co.	Toledo, O.	
Richland Fur Co.	Blissfield, Mich.	Storage Vaults
Valve Bag Co. of America	Toledo, O.	
Rudy Packing Co.	Bowling Green, O.	
Home Canning Co.	Blissfield, Mich.	
Miami Childrens Home	Toledo, O.	Power House
Mirahohm Mfg. Co.	Sandusky, O.	
Runkel Candy Co.	Kenton, O.	
Hardie-Jones Paper Co.	Excella, O.	

SCHOOLS

University of Toledo Group Structural redesign for economy	2,000,000.00
Arlington, Ohio	
McGuffey, O.	
Kenton, O.	
Fostoria Group	
Hopewell-Toledo, O.	
Hardin County	
Sycamore & Madison - Sandusky, O.	
Norwalk High	
Findlay High	
Martin School	
Clay Center	
Point Place Schools	
Antwerp	
South High - Lima, O.	
Middletown	

MISCELLANEOUS

Swimming Pool - Lima, Ohio

Water Purification Plant, Monroeville, O.

Activated Sludge Sewage Disposal - Pittsfield, Mass.

Diving Towers - Mohawk Lake

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MECHANICAL AND ELECTRICAL ENGINEERING SERVICE  
PERFORMED FOR ARCHITECTS AND OTHERS BY  
JOHN PAUL JONES, CARY & MILLAR

INDUSTRIAL WORK CONT'D.

The Hoover Company, Canton, Ohio. (Consulting)  
Addition to Isaly Dairy Plant, Youngstown, O.  
The Bridgewater Machine Co., Akron, Ohio

SCHOOLS

Laurel School, Shaker Hts., Ohio  
Andrews Institute - (4 bldgs.) Willoughby, O.  
Cleveland Hts., Schools  
Roxboro Junior High School  
Monticello Junior High School  
Oxford School and Addition  
Canterbury School  
Fairfax School Addition  
Coventry School Addition  
Nobel Rd, School Addition  
Roosevelt School Addition  
Taylor Road School - 2 additions  
Cleveland Hts. High School Addition  
New York State Schools  
Mexico High School, Mexico, N. Y.  
Constableville School, Constableville, N. Y.  
Worcester School, Worcester, N. Y.  
St. Joseph's Parochial School, Ashtabula, O.  
Middletown Jr. High School, Middletown, O.  
Burnham High School, Sylvania, O.

MECHANICAL AND ELECTRICAL ENGINEERING SERVICE  
PERFORMED FOR ARCHITECTS AND OTHERS BY  
JOHN PAUL JONES, CARY & MILLAR

SCHOOLS CONT'D.

Sylvania, Ohio Schools (4 additions) Sylvania, O.  
 Bluffton High School - Alterations and Additions, Bluffton, O.  
 Radner School, Radner, Ohio  
 Fowler Jr. High School, Cleveland, Ohio .  
 Bolingdale School, Bolingdale, Ohio (Alterations)  
 Fourth St. School, Salem, Ohio (Alterations)  
 Cleveland Board of Education - (7 alterations--School)  
 Temperance School, Temperance, Mich.  
 Struthers High School, Struthers, Ohio  
 Bratenahl School, Bratenahl, Ohio  
 Cuyahoga Heights School  
 Fairmont School, Alliance, O.  
 Brewster School - Brewster, Ohio  
 Marlboro School - Marlboro, Ohio  
 Hiram High School, Hiram, Ohio  
 Rayen High School, Youngstown, Ohio  
 Scienceville High School - Youngstown, O.  
 Timken High School - Canton, Ohio  
 Guardian Angel Day School, Sylvania, O.

In addition to these buildings -  
 Consultant to Architectural Commission  
 appointed by Mayor LaGuardia in 1936  
 to advise the School Board of New York  
 City, New York

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
PERFORMED FOR ARCHITECTS AND OTHERS BY  
JOHN PAUL JONES, CARY & MILLAR

RESIDENCES

Pebble Hill Plantation, Mrs. P. W. Harvey, Thomasville, Ga.  
Residence  
Cowbarn  
Central Heating Plant and Distribution

Norweb Residence - Bratenahl, Ohio

David S. Ingalls, Cleveland, Ohio

Ebright Residence, Ottawa Hills, Toledo, Ohio

A. D. Baldwin, Little Mountain, Ohio  
Pumping Station and Water Supply  
New Well

Stable  
Horse Barn (Electrical only)  
Chicken House

Parsons Residence, Lakewood, Ohio

Father Schaffer, Marblehead, Ohio

Dalton Residence, Cleveland, Ohio

Bennett Residence, Toledo, Ohio

Smith Residence, Shaker Hts., Ohio

INSTITUTIONS

Cleveland Association for Crippled & Disabled, Cleveland, O.

Convalescent Home for Crippled Children, Toledo, O.

Andrews Institute for Girls, Willoughby, Ohio

Geauge County Old Ladies Home

Molly Stark Sanatorium, Stark County, Canton, O.

Buechner Home for Girls, Youngstown, Ohio

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
PERFORMED FOR ARCHITECTS AND OTHERS BY  
JOHN PAUL JONES, GARY & MILLAR

CLUBS

Cleveland Club, Cleveland, O.  
 Knights of Columbus Club, Gary, Ind.  
 Y. M. C. A., Youngstown, Ohio  
 Y. M. C. A., Akron, Ohio  
 The Country Club, Cleveland, Ohio  
 The Country Club, Sewage Disposal Plant and Pumping Sta.  
 Alpha Delta Phi House, Ithaca, N. Y.  
 Boy Scout Camp, Peninsula, Ohio (Seven Buildings)  
 Union Club - Alterations  
 Lakewood Elks Club (Alterations and Additions) Lakewood, O.  
 Willoughby Masonic Temple, Willoughby, O.  
 Catawba Cliff Beach Club - Catawba Cliffs, Ohio  
 Bowling Alley, Cleveland, Ohio  
 F. O. E. Home, Medina, Ohio

SWIMMING POOLS:

Municipal Swimming Pool, Cleveland Heights, O.  
 Swimming Pool and Indoor Tennis Court, Mrs. Dudley Blossom  
 Swimming Pool for J. Livingstone Ireland, Jr., Shaker Hts., O.  
 Akron Y. M. C. A., Akron, O.  
 Nurses Home, Akron City Hospital  
 Youngstown Y. M. C. A., Youngstown, Ohio  
 Pool for D. S. Ingalls, Cleveland, Ohio  
 Cleveland Club (2 pools) Cleveland, Ohio  
 Therapeutic Pools at  
     Crippled and Disabled Assn., Cleveland, O.  
     Crippled Children's Home, Toledo, Ohio

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
PERFORMED FOR ARCHITECTS AND OTHERS BY  
JOHN PAUL JONES, CARY & MILLAR

SWIMMING POOLS CONT'D.

Y. M. C. A. Pool, Centerville Mills, Ohio  
Zanesville Municipal Pool, Zanesville, Ohio  
Dolan Pool, Chagrin Falls, Ohio

CHURCHES

Harrodsburg Christian Church, Harrodsburg, Ky.  
Lakewood Christian Church, Sunday School, Lakewood, O.  
Miles Park Presbyterian Church (Alterations & Additions)  
Cleveland, Ohio  
Miles Avenue Christian Church, Addition - Cleveland, O.  
Lorain Christian Church, Lorain, Ohio  
Greenbriar Chapel, White Sulphur Springs, W. Va.  
First English Lutheran Church, Cleveland Heights, O.  
Franklin Circle Church (Alterations-Mechanical) Cleveland, O.  
St. James A.M.E. Church, Cleveland, Ohio  
Heights Christian Church, Shaker Heights, Ohio  
Nineteenth Church of Christ Scientist, Chicago, Ill. (Electrical)

HOSPITALS - Complete

St. Elizabeth's Hospital, Youngstown, O.  
East Blue Hill Hospital, Blue Hill, Me.  
Surgical Bldg. Akron City Hospital, Akron, O.  
(Also Nurses' Home)  
Robinson Memorial Hospital, Ravenna, O.  
Robinson Memorial Hospital, Ravenna, O.  
Lee Memorial Hospital, Ft. Myers, Fla.  
Lakewood Hospital, Lakewood, Ohio



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BUILDINGS WITH PARTIAL HOSPITAL FACILITIES

Association for Crippled Children, Toledo, O.

Assoc. for Crippled and Disabled, Cleveland, O.

SPECIALIZED BUILDING FOR HOSPITAL USE

Massillon State Hospital, Massillon, O.

Service Building University Hospitals Group, Cleveland, O.  
Animal Bldg.

ALTERATIONS AND ADDITIONS TO HOSPITALS

Babies and Children's Hospital, Cleveland, O.

Rainbow Hospital, Cleveland, O.

Gill Memorial Hospital, Steubenville, O.

FEDERAL AND PUBLIC WORKS

Youngstown P.O., Youngstown, O.

Canton P.O., Canton, O.

Fostoria P.O., Fostoria, O.

Ravenna B.O., Ravenna, O.

Cleveland P.O., Cleveland, O.

Ketchikan P.O. and Custom House, Ketchikan, Alaska

Juvenile Court Bldg. & Detention Home, Cleveland, O.

Warren P.O., Warren, O.

Swimming Pool and Bath House, Cleveland Heights, O.

Two - Fire Stations, Cleveland Heights, O.

Geauga Co. Old Ladies Home - Alterations

Coventry Library - Cleveland Heights, O.

Retained as Consulting Mechanical Engineer  
by the Procurement Division of the Treasury  
Dept. 1935-36 and 37.

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
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HOUSING PROJECTS

Brand Whitlock Homes, Toledo, Ohio  
Allied Architects of Toledo

Brand Whitlock Homes Extension, Toledo, O.  
Britsch & Munger, Reg. Archts.

Charles F. Weiler Homes, Toledo, Ohio

Cedar Central Housing Development

West Side Housing Project, Cleveland (Electrical)

Westlake Homes, Youngstown, O.

Poindexter Village, Columbus, O.

Trumbull Homes Project, Warren, O.

Woodhill Homes, Cleveland, O.

Outhwaite Homes, Cleveland, O. (Electrical)

OFFICE BUILDINGS:

Farmers Bank Bldg., Mansfield, O.

Richland Bank Bldg., Mansfield, O.

Rose Bldg., Alterations and Additions, Cleveland, O.

National Union Fire Ins. Bldg., Pittsburgh, Pa.

King Bldg., Toledo, O.

Euclid - 17th Bldg., Cleveland, O. (Alterations & Additions)

Leader Bldg., Cleveland, Ohio (Alterations)

National City Bldg., Cleveland, O. (Alterations)

West Park Branch - Pearl St. S & T Co., Cleveland, O.

Cleveland Trust Company  
Nela Park Branch  
116th & Buckeye Branch  
105th St. Branch  
Main Bldg.

Holland Bldg., Toledo, O.

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
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JOHN PAUL JONES, CARY & MILLAR

OFFICE BUILDINGS CONT'D.

Huron Block Bldg., Toledo, O.

Nicholas Bldg., Toledo, O. (Electrical)

Society for Savings Bldg., Cleveland, O.

Dime Savings Bank, Detroit, Mich. (Electrical)

Spitzer Bldg., Toledo, O. (Electrical)

Ford Bldg., Detroit, Mich. (Electrical)

Walbeck Bank, Detroit, Mich. (Electrical)

Græfe Bldg., Sandusky, Ohio

Ricelli Bldg., Sandusky, Ohio

Market Properties Co., Bldg., Sandusky, Ohio

Ingwer Bldg., Elyria, Ohio

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
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JOHN PAUL JONES, GARY & MILLAR

AIR CONDITIONING

Leader Bldg., three floors - M. A. Hanna Space,  
Cleveland, O.

Cleveland Hotel, Cleveland, O.

Babies and Childrens Hospital, Cleveland, O.

Chapin Restaurant, Cleveland, O.

Pebble Hill Plantation, Thomasville, Ga.

Willard Hotel Night Club and Dining Rooms, Toledo, O.

Larner Store - 322 Euclid Ave., Cleveland, O.

Monney, Hahn, Loeser, Heough & Freedhaim Office, Cleveland, O.

Strong, Carlisle & Hammond, Showroom and Offices, Cleveland, O.

Hillcrest Hotel, Toledo, Ohio

Roberts Cloak House, Columbus, O.

Building for the Chillicothe Newspapers Inc., Chillicothe, O.

Air Maze Corporation, Cleveland, O.

The Container Corp., Van Wert, Ohio

HOTELS

Yorktown Manor (and Power House, Yorktown, Va.)

Greenbrier Hotel, White Sulphur Springs, W. Va.

Cleveland Hotel - Alterations and Additions over a period  
of 10 years

Willard Hotel, Toledo, O.

Goodyear Hotel, Akron, Ohio (Alterations)

Hillcrest Hotel, Toledo, O.

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
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JOHN PAUL JONES, CARY & MILLAR

MISCELLANEOUS

Willoughby Terminal Development, Willoughby, O.  
Ottawa Hill Memorial Park, Toledo, O.  
Great Lakes Exposition - Plumbing & Sewerage  
Alliance Theatre, Alliance, O.  
Garden Grills Restaurant, Akron, O.  
Detroit Avenue Apartments (New Boiler Plan)  
Terminal Tower Ventilating of Stores, Tea Room, etc.,  
Cleveland, O.

DEPARTMENT STORES & STORE BUILDINGS

Yeager Store, Akron, Ohio  
Solon Center Bldg., Solon, Ohio  
Lerner Store, Cleveland, O.  
Smerda Store, Cleveland, O.  
Heeson Jewelry Store, Toledo, O.  
Sandusky Dress Shop - Graeffe Bldg., Sandusky, O.

TELEPHONE BUILDING

Ohio Bell Telephone Co.  
Cleveland Main Bldg.  
Shadyside Office, Cleveland, O.  
Washington Office, Cleveland, O.  
Clearwater Office, Cleveland, O.  
Kenmore Office, Cleveland, O.  
Lawndale Office, Columbus, O.  
New South Office, Youngstown, O.  
Adams Office, Columbus, O. (Alterations)  
Youngstown Main Office (Alterations)  
Glenville-Eddy Office, Cleveland, O. (Alterations)  
Garfield-Cedar Office, Cleveland, O.  
Lakewood Office, Lakewood, O.  
Kent Exchange, Kent, O.  
Salem Exchange, Salem, O.

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES  
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TELEPHONE BUILDING

Lorain Telephone Co.

Amherst Office, Amherst, O.

Lorain Office, Lorain, O.

Vermillion Office, Vermillion, O.

J. H. Graham, Architect

American T. & T Co., Long Island Div.

New York, N.Y., Louisville, Ky., Cincinnati, O.,

and Memphis, Tenn. (Consulting)

Illinois Bell Telephone Co., Chicago, Ill. (Consulting)

New York Bell Telephone Co., N. Y. City, N. Y. (Consulting)

Southwestern Bell Telephone Co., St. Louis, Mo.

Little Rock, Ark.

Beaumont, Tex.

St. Louis, Mo.

Kansas City, Mo.

Port Arthur, Tex.

Main Office Bldg.

Houston, Tex.

New Jersey Bell Telephone - Ventilation

Union Palisado Exchange, Union City, N. J.

Bergen Delaware, Exchange, Newark, N. J.

Journal Square Exchange, Newark, N. J.

Northwestern Bell Telephone Co., Ventilation

Des Moines, Iowa.

COPY

JOHN PAUL JONES, CARY & MILLAR  
Consulting Engineers  
448 Terminal Tower  
Cleveland, Ohio  
February 14, 1942

Mr. Harold Munger  
Britsch & Munger  
1025 Nicholas Bldg.  
Toledo, Ohio

Dear Harold:

The following is information concerning the personnel of our office, which, I believe, is set up more or less in the way the government asks for it. If there is any way I can be helpful, please let me know.

Firm Name and Personnel

Our company is a partnership doing business under the firm name of John Paul Jones, Edward B. Cary and Edward A. Millar. The members of the firm are:

John Paul Jones, Edward B. Cary and Edward A. Millar, Jr.

Mr. Jones was graduated from Cornell University with the degree of M.E. in 1913, and since that time, except for approximately two years during the World War, has been actively associated with the heating and ventilating, air conditioning, power and allied industries. During the war, he served in the Ordnance Department, U.S.A., and was discharged in January, 1919, with the rank of Captain. He is a member of the American Society of Heating and Ventilating Engineers.

Mr. Cary was graduated from Cornell University with the degree of M.E. in 1920 and since that time has been associated with the heating and ventilating, air conditioning and power industries. He holds a commission of Lieutenant Commander C.E.C.-U.S.N.R., and is now on active duty at Great Lakes Naval Station. He is a member of the American Society of Heating and Ventilating Engineers, and the Cleveland Society of Professional Engineers.

Mr. Millar is an electrical engineer graduated from the University of Pennsylvania in 1915. Since the World War, he has devoted his entire time to the design and construction of electrical systems, particularly wiring for light and power. During the war, he saw service in France as a First Lieutenant, Ordnance Department, U.S.A.

Type of Work

The above group have practiced professional engineering for the past fifteen years, with offices in Cleveland.

Our activities have been devoted exclusively to the design and supervision of the installation of mechanical and electrical equipment. This has included power plants, heating and ventilating, refrigeration, air conditioning, plumbing, institutional disposal plants, electric wiring for light and power and signal systems.

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Experience

During our operations as a Company, we have been responsible for the design of mechanical equipment in upwards to \$60,000,000.00 worth of construction. This has included hospitals, hotels, office plants, and a number of federal projects.

Federal projects designed in our office included the mechanical equipment in U.S. Post Offices at Youngstown, Ohio; Canton, Ohio; Warren, Ohio; Ketchikan, Alaska; and Cleveland, Ohio.

They also included the mechanical equipment in the following Federal Housing Projects:

Cedar-Central Project - Cleveland, Ohio

Lakeview Terrace, Cleveland, Ohio. (Electrical Work only).

Brand-Whitlock Homes, Toledo, Ohio

Charles F. Weiler Homes, Toledo, Ohio.

Westlake Homes, Youngstown, Ohio

Poindexter Village, Columbus, Ohio.

Trumbull Homes, Warren, Ohio

Brand-Whitlock Homes Extension, Toledo, Ohio

Outhwaite Extension, Ohio 3-3, Cleveland, O. (Elec. Work only).

Woodhill Homes, Cleveland, Ohio.

Outhwaite Extension, Ohio 3-7, Cleveland, Ohio

From May, 1935 to August, 1937, the writer served on a committee of engineers appointed to consult with the Procurement Division of the Treasury Department on matters pertaining to mechanical equipment of Federal Buildings.

A partial list of the industrial work with which we have been connected is herewith attached.

Organization

Our Company is so organized that each project is handled by a chief draftsman with as many assistants as its size warrants, operating under the direct supervision of one of the principals of the firm.

We are prepared to handle field work in our line as well as design.



COPY

Capacity

The largest single projects ever executed in our office were the extension to Outhwaite Housing Project - Ohio 3-7, which totaled approximately \$1,000,000 in mechanical work; and the new plant, office building and power house for Cleveland Graphite Bronze Co., which totals slightly over \$1,000,000 in mechanical work. The plans for these two projects were produced concurrently during the period of about six months. During the same period, we also produced plans and specifications for a new boiler plant for Warner & Swasey Co., and several other projects of lesser importance.

We feel that we are qualified to handle the design and supervision of any mechanical installation costing up to \$5,000,000.00 without expanding our organization, except by the addition of a few draftsmen.

We attach hereto a partial list of Industrial and Hospital work which we have executed.

Financial Standing

Our company successfully operated through the recent depression, has no debts, and has sufficient working capital to carry the design of any reasonable project to completion. In addition to this, the Cleveland Trust Company of this city will extend us sufficient credit to cover our payrolls for any unusually large operation.

Very truly yours,

JOHN PAUL JONES, CARY & MILLAR

John Paul Jones

J:J:KY

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

#### HISTORY OF FIRM

(Finkbeiner, Pettis & Strout)

This engineering organization was founded in 1900 by the late George Champe, (deceased 1937) and until 1910 its principal practice was devoted to electric railroad location and construction and the design and supervision of construction of pavements and sewers in Ohio, Michigan and Indiana. The advance of the carriers into the outlying cities and towns created a tremendous demand for hard surfaced pavements and sewers and ushered in the period of original waterworks construction and improvement which continued until about 1920.

In 1922, Carleton S. Finkbeiner joined the staff as an assistant engineer after having acted as pavement construction inspector during intermittent periods in 1920 and 1921. In 1926, the organization name was revised to George Champe and Associates. In 1936, George Champe and Carleton Finkbeiner formed a partnership under the firm name of Champe, Finkbeiner and Associates, this name being continued after the death of Mr. Champe on August 22, 1937. C. E. Pettis and Harold K. Strout became identified with the organization in 1933 and 1937 respectively and were admitted to junior partnership on January 1, 1940.

On January 1, 1942, the organization name was revised to Finkbeiner, Pettis and Strout.

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

Since 1922, the principal practice of the firm has been devoted to the design and supervision of water supply, water treatment, sewerage, sewage treatment, waste treatment and appraisals. However, since that date, projects involving railroad location and construction, hydro-electric developments, steam and diesel engine generation, electric distribution, airports and ordnance production have been handled.

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Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

## PROJECTS - 1932 to 1945

<u>Year</u>	<u>Client</u>	<u>Project</u>	<u>Location</u>	<u>Cost</u>
1932	Mun. of Conneaut	Water Purification (R)	Conneaut, O.	\$250,000
"	" Genoa	Water Softening	Genoa, Ohio	11,000
"	" Troy	" " (R)	Troy, Ohio	35,000
"	" Archbold	Electric System (R)	Archbold, O.	88,000
				<u>\$384,000</u>
1933	Mun. of Greenwich	Water Treatment (R)	Greenwich, O.	\$ 19,300
"	" Monroeville	" " (R)	Monroeville, O.	40,000
"	" Bloomdale	Water System (R)	Bloomdale, O.	45,000
"	" Arlington	" " (R)	Arlington, O.	45,000
"	" Stryker	" " (R)	Stryker, O.	55,000
"	" Fayette	" " (R)	Fayette, O.	65,000
"	" Oxford	Sewerage System (R)	Oxford, Mich.	100,000
"	" Stryker	" " (R)	Stryker, Ohio	71,200
"	" Edgerton	Diesel Power Plant (R)	Edgerton, Ohio	70,500
"	" Eaton	Electric System	Eaton, Ohio	233,000
				<u>\$744,000</u>
1934	Mun. of Holland	Water System (R)	Holland, Ohio	\$ 35,000
"	" Leipsic	Water Treatment (R)	Leipsic, Ohio	18,900
"	" Lyons	Water System (R)	Lyons, Ohio	35,000
"	" New Philadelphia	Water Softening	New Philadelphia, O.	85,000
"	" Pemberville	Water System (R)	Pemberville, O.	68,000
"	" Walbridge	Water Supply (R)	Walbridge, O.	13,000
"	" Waterville	Water Treatment (R)	Waterville, O.	36,000
"	" Sylvania	Sewage Treatment (R)	Sylvania, Ohio	15,000
"	" Clyde	" " (R)	Clyde, Ohio	10,000
"	" Wauseon	" " (R)	Wauseon, Ohio	132,100
"	" Sylvania	Pavement	Sylvania, Ohio	59,600
				<u>\$507,500</u>
1935	Mun. of Arlington	Water System	Arlington, Ohio	\$ 51,900
"	" Clyde	Water Supply Imprvts. (R)	Clyde, Ohio	150,000
"	" "	Water Supply	" "	20,300
"	" Fayette	Water System	Fayette, Ohio	63,000
"	" Perrysburg	Water Supply (R)	Perrysburg, O.	52,700
"	" Walbridge	" "	Walbridge, O.	12,900
"	" Waterville	Water Treatment	Waterville, O.	36,000
"	" Oxford	Water Softening (R)	Oxford, Mich.	21,500
"	" Metamora	Water Supply (R)	Metamora, Ohio	55,000
"	" Edgerton	Water System (R)	Edgerton, Ohio	88,000

## BRITSCH &amp; MUNGER

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Finkbeiner, Pettis & Strout  
 Collaborating Engineers & Consultants  
 Toledo, Ohio

<u>Year</u>	<u>Client</u>	<u>Project</u>	<u>Location</u>	<u>Cost</u>
1935	Mun. of Bloomville	Sewerage (R)	Bloomville, O.	\$ 25,000
"	" Bluffton	" (R)	Bluffton, Ohio	57,000
"	" Carey	Sewer System & Sewage Treatment (R)	Carey, Ohio	200,000
"	" Gibsonburg	Sewer Systems (R)	Gibsonburg, O.	300,000
"	" Johnstown	" " (R)	Johnstown, O.	74,000
"	" Toledo	Airport (R)	Toledo, Ohio	899,900
"	" "	"	" "	70,600
				<u>\$2,177,800</u>
1936	Mun. of Maumee	Water Distribution	Maumee, Ohio	\$ 2,000
"	" Stryker	Water System	Stryker, Ohio	59,000
"	" Sylvania	Water Distribution	Sylvania, Ohio	2,000
"	" Liberty Center	Water System (R)	Liberty Center, O.	60,000
"	" Bryan	Sewerage System (R)	Bryan, Ohio	336,000
"	" Bluffton	Sewage Treatment (R)	Bluffton, O.	111,000
"	" Ottawa Hills	Sewers	Ottawa Hills, O.	6,000
"	" Convoy	Sewerage System (R)	Convoy, Ohio	250,000
"	" Maumee	Sewerage	Maumee, Ohio	75,000
"	" Rossford	Sewerage Systems (R)	Rossford, Ohio	800,000
"	" "	Sewers	" "	50,000
"	" Perrysburg	Sewers	Perrysburg, O.	3,000
"	" Sylvania	Electric System (R)	Sylvania, Ohio	165,000
				<u>\$1,919,000</u>
1937	Mun. of West Unity	Water System (R)	West Unity, O.	\$ 68,000
"	" Bloomdale	Water System	Bloomdale, O.	49,000
"	" Fremont	Water Distribution (R)	Fremont, Ohio	30,000
"	" Liberty Center	Water System	Liberty Center, O.	58,300
"	" Minster	Water System Imprvts.	Minster, Ohio	35,000
"	" Perrysburg	Water Supply (R)	Perrysburg, O.	50,000
"	" Bradner	Water Distribution (R)	Bradner, Ohio	50,000
"	" Perrysburg	Sewers	Perrysburg, Ohio	3,000
"	" Chelsea	Sewage Treatment	Chelsea, Mich.	58,600
"	" Bluffton	Int. Sewers & Sewage Treatment (R)	Bluffton, O.	96,000
"	" Maumee	Sewers	Maumee, Ohio	5,000
"	" Perrysburg	"	Perrysburg, O.	3,000
"	" Maumee	Pavements	Maumee, O.	2,000
"	" Carey	Flood Protection (R)	Carey, Ohio	150,000
	Spitzer, Rorick & Co.	R.R. Appraisal (R)	Bloomville, Mo.	91,700
				<u>\$749,600</u>

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

<u>Year</u>	<u>Client</u>	<u>Project</u>	<u>Location</u>	<u>Cost</u>
1938	Mun. of Bloomville	Water System	Bloomville, O.	\$58,100
"	" Bettsville	" " (R)	Bettsville, O.	55,000
"	" Bradner	Water Distribution	Bradner, Ohio	56,100
"	" Arcadia	Water System (R)	Arcadia, Ohio	50,000
"	" Forest	Water Softening	Forest, Ohio	35,000
"	" Coldwater	Water Treatment	Coldwater, Ohio	15,800
"	" Convoy	Water System (R)	Convoy, Ohio	65,000
"	" Oakwood	" " (R)	Oakwood, Ohio	58,000
"	" Perrysburg	Water Supply	Perrysburg, Ohio	54,900
"	" Maumee	" " (R)	Maumee, Ohio	150,000
"	" Oak Harbor	" " (R)	Oak Harbor, Ohio	152,000
"	" Monroeville	Water Purification	Monroeville, Ohio	58,000
"	" Pandora	Water System (R)	Pandora, Ohio	50,000
"	" Republic	" " (R)	Republic, Ohio	52,000
"	" Grand Rapids	" " (R)	Grand Rapids, O.	48,000
"	" Weston	Water Supply (R)	Weston, Ohio	100,000
"	" West Unity	" "	West Unity, Ohio	75,300
"	" Sylvania	Water Softening	Sylvania, Ohio	30,000
"	" Convoy	Sewerage & Sew. Treatment	Convoy, Ohio	150,000
"	" Haskins	" " " "	Haskins, Ohio	80,800
"	" Bryan	" " " (R)	Bryan, Ohio	215,000
"	" Maumee	" " " (R)	Maumee, Ohio	256,000
"	" Minster	" " " (R)	Minster, Ohio	300,000
"	" Perrysburg	Sewer	Perrysburg, Ohio	3,000
"	" Spencerville	Sewerage & Sew. Treat. (R)	Spencerville, Ohio	310,500
"	" Wauseon	" " " (R)	Wauseon, Ohio	100,000
"	" Maumee	Pavement	Maumee, Ohio	14,400
				<u>\$2,592,900</u>
1939	Mun. of Forest	Water Softening	Forest, Ohio	\$35,000
"	" North Fairfield	Water System (R)	North Fairfield, O.	46,000
"	" Oak Harbor	Water Supply	Oak Harbor, Ohio	163,000
"	" Weston	Water Supply & Treatment	Weston, Ohio	101,000
"	" Pioneer	Water System (R)	Pioneer, Ohio	65,000
"	" Sylvania	Water Softening	Sylvania, Ohio	31,000
"	" Perrysburg	Water Distribution	Perrysburg, Ohio	8,500
"	" Bryan	Sewers & Sewage Treatment	Bryan, Ohio	231,000
"	" Wauseon	" " " "	Wauseon, Ohio	113,700
"	" Minster	" " " "	Minster, Ohio	25,000
"	" Port Clinton	" " " (R)	Port Clinton, O.	750,000
"	" Perrysburg	Sewer	Perrysburg, Ohio	3,000

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

<u>Year</u>	<u>Client</u>	<u>Project</u>	<u>Location</u>	<u>Cost</u>
1939	Mun. of Maumee	Sewer (R)	Maumee, Ohio	\$10,000
"	" Bluffton	Sewer System & Sew. Treat. (R)	Bluffton, Ohio	400,000
"	" Columbus Grove	Sewers (R)	Columbus Grove, O.	100,000
"	" Maumee	Pavement	Maumee, Ohio	<u>56,400</u>
				\$2,138,600
1940	Mun. of Berea	Water Plant Improvements (R)	Berea, Ohio	\$30,000
"	" New Bremen	Water Improvements (R)	New Bremen, O.	45,000
"	" Maumee	Water Distribution	Maumee, Ohio	7,800
"	" Woodville	Water Softening Plant (R)	Woodville, Ohio	26,000
	Nelson, Browning & Co.	Appraisal of Water System (R)	Ada, Ohio	76,000
	Mun. of Rossford	Water Distribution	Rossford, Ohio	3,200
"	" Bradford	Water Plant Improvements (R)	Bradford, Ohio	22,000
	Glengarry Club	Water Supply (R)	Toledo, Ohio	5,000
	Mun. of Maumee	Sewers	Maumee, Ohio	7,000
"	" Bryan	Sewers	Bryan, Ohio	5,200
"	" "	Sewers (R)	" "	170,000
"	" Port Clinton	Sewers (R)	Port Clinton, O.	60,000
"	" Maumee	Sewers	Maumee, Ohio	5,000
"	" Minster	Sewers & Sewage Treatment	Minster, Ohio	105,000
"	" Tecumseh	" " " (R)	Tecumseh, Mich.	158,700
"	" Ottawa Hills	Sewers	Ottawa Hills, O.	5,000
"	" Maumee	Pavement	Maumee, Ohio	73,600
	Acklin Stamping Co.	Ordinance Production (R)	Toledo, Ohio	<u>250,000</u>
				\$1,054,500
1941	National Lime & Stone Co.	Water Treatment (R)	Carey, Ohio	\$50,000
	Willys-Overland Motors	Water Cooling (R)	Toledo, Ohio	73,200
	Mun. of Bradford	Water Plant Improvements	Bradford, Ohio	22,000
"	" Republic	Water System	Republic, Ohio	71,400
"	" Vandalia	Water System (R)	Vandalia, Ohio	550,000
"	" Minster	Sewers & Sewage Treatment	Minster, Ohio	150,000
	Mills, Rhines, Bellman & Nordhoff	Sewers (R)	Toledo, Ohio	4,000
	Mun. of Perrysburg	Sewers (R)	Perrysburg, Ohio	190,500
"	" Port Clinton	Sewers & Sewage Treatment (R)	Port Clinton, O.	367,000
"	" Tecumseh	Sewers	Tecumseh, Mich.	10,000
"	" Chelsea	Sewage Treat. Plant Imp. (R)	Chelsea, Mich.	19,800
"	" Bluffton	Intercept. Sewers & Sewage Treatment (R)	Bluffton, Ohio	210,000
"	" Wauseon	Sewers (R)	Wauseon, Ohio	140,000
"	" Delta	Sewers & Sewage Treatment (R)	Delta, Ohio	125,000

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## BRITSCH &amp; MUNGER

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

<u>Year</u>	<u>Client</u>	<u>Project</u>	<u>Location</u>	<u>Cost</u>
1944	Mun. of Port Clinton	Sanitary Sewers	Port Clinton, Ohio	\$36,000
** "	" Zanesville	Water Treatment (R)	Zanesville, Ohio	600,000
	Britsch & Munger, Arch.	Sewerage & Water Supply for Housing Projects	Port Clinton, O. & Toledo, Ohio	30,000
	Mun. of Bowling Green	Supervision of water & electric systems -	Bowling Green, Ohio	--
"	" Liberty Center	Water Supply	Liberty Center, O.	5,000
"	" Perrysburg	Sanitary Sewerage (R)	Perrysburg, Ohio	300,000
"	" Oak Harbor	Storm Sewerage (R)	Oak Harbor, Ohio	100,000
"	" Mt. Gilead	W. W. Appraisal (R)	Mt. Gilead, Ohio	75,000
"	" Chelsea	Storm Sewerage (R)	Chelsea, Mich.	25,000
"	" Metamora	Water Supply (R)	Metamora, Ohio	105,000
"	" Toledo	Water & Sewerage (R)	Toledo, Ohio	Consultation
"	" Coldwater	Storm Sewerage	Coldwater, Ohio	80,000
				<u>\$1,876,000</u>
1945	Mun. of Zanesville	Water Supply	Zanesville, Ohio	\$70,000
"	" Cambridge	Water Purification	Cambridge, Ohio	45,000
"	" Van Wert	Water Supply (R)	Van Wert, Ohio	471,000
"	" Celina	Water Supply (R)	Celina, Ohio	193,200
"	" Leipsic	Water Treatment (R)	Leipsic, Ohio	50,000
"	" Leipsic	Sewage Treatment (R)	Leipsic, Ohio	150,000
"	" Toledo	Water & Sewerage (R)	Toledo, Ohio	Consultation
"	" Bowling Green	Water Supply	Bowling Green, O.	30,000
"	" Coldwater	Water Supply	Coldwater, Ohio	5,000
"	" Bowling Green	Supervision of Water & Electric Systems		
	Ohio Public Service Co.	Electric System (R)	Grafton, Ohio	35,000
	Mun. of Dresden	Water Supply (R)	Dresden, Ohio	63,000
"	" Brookville	Water Treatment (R)	Brookville, Ohio	46,000
"	" Defiance	Water Treatment (R)	Defiance, Ohio	197,000
"	" Antwerp	Sanitary Sewerage (R)	Antwerp, Ohio	200,000
"	" Clyde	Sewage Treatment (R)	Clyde, Ohio	120,000
"	" Adrian	Water Treatment	Adrian, Mich.	400,000
"	" Tecumseh	Sewerage	Tecumseh, Mich.	30,000
				<u>\$2,105,200</u>

\*Jointly with Britsch & Munger, Architects, Toledo, Ohio

\*\*Jointly with Charles P. Hoover, Consulting Engineer, Columbus, Ohio.

Note: R designates preliminary designs, general plans, estimates of cost of construction and approval thereof by the State Department of Health or may indicate an inventory and appraisal in 6 instances (1937, 1940, 1941, 1943, 1944 and 1945)

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

KEY PERSONNEL

CARLETON S. FINKBEINER

Carleton S. Finkbeiner, Civil Engineer  
Born - Perrysburg, Ohio, January 20, 1899  
Education - Perrysburg Public Schools, Jesup W. Scott High School,  
Toledo, Ohio - University of Michigan - graduated 1922 -  
B.S. in C.E., Majored in structural

Member - American Society of Civil Engineers

Member - American Society for Testing Materials

Member - American Water Works Association

Member - Ohio Conference on Sewage Treatment (Affiliated  
with Federation of Sewage Works Association)

Member - Toledo, Ohio, and National Societies of Professional  
Engineers. Past President - Toledo and Ohio Societies

Member - Michigan Engineering Society

Registered Professional Engineer and Surveyor in Ohio (Civil,  
Mechanical, Electrical)

Registered Professional Engineer in Michigan

Registered Professional Engineer in Indiana

Registered Professional Engineer in West Virginia

Registered - National Bureau of Engineering Registration

Licensed Operator, Class A - Water Treatment, Ohio

Licensed Operator, Class A - Sewage Treatment, Ohio

Experience:

1918 - 1919 U.S. Naval Reserve Force: Officers Training School; Sea Duty

1920 - 1921 Inspector - Pavement Construction, in summer, with George Champe

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

1919-1922 University of Michigan - Graduated in 1922, B.S. in C.E.  
1922-1926 Assistant Engineer - George Champe  
1926-1936 Associate Engineer - George Champe & Associates  
1936-1937 Partner - Champe, Finkbeiner & Associates  
1937-1940 Proprietor - Champe, Finkbeiner & Associates  
1940-1941 Senior Partner - Champe, Finkbeiner & Associates  
1941-Date Senior Partner - Finkbeiner, Pettis & Strout

From 1919 to date - In responsible charge of design and supervision of construction of pavements, airports, bridges, water works, water treatment, sewerage, sewage treatment, power plants, drainage and flood control. In charge of inventories and appraisals.

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

KEY PERSONNEL

CHARLES E. PETTIS

Charles E. Pettis, Civil Engineer  
Born - Alliance, Ohio, July 16, 1901  
Education - Alliance Public Schools, Ohio State University -  
Graduated 1923 - B.C.E. - Ohio State University,  
1933 - C.E.

Member - American Society of Civil Engineers

Member - Toledo Society of Professional Engineers (President)

Member - Ohio Society of Professional Engineers (Vice-President)

Member - National Society of Professional Engineers

Member - Michigan Engineering Society

Registered Professional Engineer and Surveyor in Ohio

**Experience**

Ohio State University - Graduated 1923 - Bachelor of Civil Engineering

Ohio State University - 1933 - Professional Degree, Civil Engineer

1923 - 1932 New York Central Railroad Co., Engineering Dept. Various  
grades from Transitman to Assistant Supervisor of Buildings.  
Design, layout, supervision of construction and maintenance  
of tracks, yards, track scales, engine terminal facilities,  
buildings, coaling plants, cinder pits, sewers, pipe lines,  
water stations, water treatment plants.

1933 - To date Champe, Finkbeiner & Associates and Finkbeiner, Pettis &  
Strout, Consulting Engineers.

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

Design, plans, specifications, supervision of construction  
of water works systems, water purification plants, water  
softening plants, sewer systems, sewage treatment plants,  
power plants, buildings, pavements, drainage and flood  
control.

Finkbeiner, Pettis & Strout  
 Collaborating Engineers & Consultants  
 Toledo, Ohio

KEY PERSONNEL

HAROLD K. STROUT

Harold K. Strout, Civil Engineer  
 Born - Portland, Maine, September 12, 1897  
 Education - Portland Public Schools, University of Maine,  
 University of Michigan - graduated 1921 -  
 B.S. in C.E. - Majored in Hydraulics

Assoc. Member - American Society of Civil Engineers

Member - Toledo Society of Professional Engineers

Ohio Society of Professional Engineers

National Society of Professional Engineers

Registered Professional Engineer and Surveyor in Ohio

Experience:

4/28/17 - 4/28/19	Headquarters Co., 101 U.S. Engineers, U.S. Army
9/23/17 - 4/28/19	Foreign Service, U.S. Engineers, U.S. Army
1919 - 1921	University of Michigan - Graduated 1921, B.S. in C.E.
July - Oct. 1921	State Highway Department, State of Maine
Oct. 1921 - Sept. 1922	Traffic Engineer, N.Y. Bell Telephone Co., New York City.
Sept. 1922 - Mar. 1923	Engineer Inspector, Ohio Brass Company, Mansfield, Ohio
1923 - 1926	Construction Engineer, Standard Oil of Ohio, Toledo Refinery. Construction of 4 batteries of high pressure stills, wax plant, crude stills, general refinery construction.
1926 - 1929	Maintenance Engineer, DeVilbiss Mfg. Co., Toledo, Ohio. Plan layout, Installation of new machinery, design of new plant (not constructed).

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

- 1929 - 1936 Construction Engineer & Assistant Superintendent, Great Lakes Dredge & Dock Company, (Marine Terminals & Dredging) Strip Mill, Inland Steel Co., Indiana Harbor - St. Marys River Rock Removal, Earth Dredging, Breakwater Construction Chicago River Straightening Project. C. & O. Coal Docks, Toledo, Ohio.
- 1936 - 1937 Construction Engineer, Standard Oil Co. of Ohio, Toledo Refinery. Construction of new cracking process now in operation.
- 1937 Toledo Board of Education, Construction Engineer on P.W.A. School Construction.
- 1937 - Date Sanitary & Construction Engineer, Champe, Finkbeiner & Associates and Finkbeiner, Pettis & Strout, Toledo, Ohio.

Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

KEY PERSONNEL

CLAIR A. SHALER

Clair A. Shaler, Civil Engineer  
Born - Adrian, Michigan, August 25, 1913  
Education - Adrian Public Schools; Michigan State College -  
Degree 1936 - B.S. in C.E. - Majored in Sanitary  
Engineering

Member - American Society of Civil Engineers (Junior)

Registered Professional Engineer in State of Ohio

Experience:

- 1936 - 1937 Assistant Engineer, Michigan Engineering Experiment  
Station - Disposal of Steffens waste from beet  
sugar plants.
- 1937 - 1938 Chemist - draftsman - inspector - Toledo Terminal  
Railroad.
- 1938 - 1942 Resident Engineer - Champe, Finkbeiner & Associates  
and Finkbeiner, Pettis & Strout - Sanitary engineer-  
ing projects including water supply, sewerage and  
sewage treatment.
- 1942 - 1944 Assistant Engineer - Finkbeiner, Pettis & Strout -  
Design and Supervision of Construction of Sanitary  
Engineering Projects.
- 1944 - date Chief Assistant Engineer - In charge of design,  
of sanitary engineering projects.



Finkbeiner, Pettis & Strout  
Collaborating Engineers & Consultants  
Toledo, Ohio

ORGANIZATION NOW ACTUALLY EMPLOYED BY

FINKBEINER, PETTIS & STROUT AND BRITSCH & MUNGER

ENGINEERS (Members of Firm)

Carleton S. Finkbeiner - Registered, Ohio, Michigan, Indiana,  
West Virginia, National Bureau of  
Engineering Registration (See pages 55 and 56)

Charles E. Pettis - Registered, Ohio (See pages 57 and 58)

Harold K. Strout - Registered, Ohio (See pages 59 and 60)

ENGINEERS -

Paul E. Alexander - Registered Ohio 2174 (Civil)

Malcolm N. Baxter " " 9614 "

Ora L. Apple " " 6749 (Electrical)

John P. Macelwane " " 5418 (Structural)

Clair A. Shaler " " 8170 (Civil)

Glenn D. Stone Applied for Registration (Civil)

ARCHITECTS (Britsch & Munger - Collaborating)

Carl C. Britsch - Registered, Ohio, Michigan, Indiana  
National Council Architectural Registration  
Boards No. 392

Harold H. Munger - Registered Ohio, Michigan  
National Council Architectural Registration  
Boards No. 393

ARCHITECTS - (Britsch & Munger)

John P. Macelwane - Registered Ohio 616

N. DeWitt Grow " " 1118

Mark B. Stophlet " " 252

Henry J. Meyerhofer " " 814



# TOLEDO METROPOLITAN HOUSING AUTHORITY

392 NEBRASKA AVENUE • TOLEDO, OHIO

**A. G. SPIEKER** CHAIRMAN  
**WM. P. CLARKE** VICE-CHAIRMAN  
**PROF. CHAS. J. BUSHNELL**  
**DR. R. F. PULLEY**  
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•  
**DONALD ROBINSON**  
DIRECTOR AND SECRETARY

## HOUSING PROJECTS

•  
**BRAND WHITLOCK HOMES**  
**CHARLES F. WEILER HOMES**  
**ALBERTUS BROWN HOMES**

April 7, 1941

Brigadier General Geo. R. Spalding  
Quartermaster Corps  
War Department  
Washington, D.C.

My dear General Spalding:

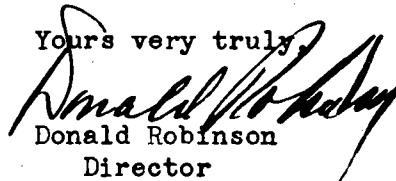
Re: QM-095 C-AB  
(Britsch & Munger)

It is my pleasure to recommend highly the architectural firm of Britsch & Munger, Toledo, Ohio. This firm is well established in the city of Toledo, and both Harold H. Munger and Carl C. Britsch are men of substance and integrity.

I have worked more or less closely with these gentlemen since 1935. They have developed three housing projects in Toledo for the account of the federal government (PWA-Housing Division) and the Toledo Metropolitan Housing Authority, totaling some \$3,000,000.

I can assure you that if they receive Army work you will get an honest and diligent job.

Yours very truly,

  
Donald Robinson  
Director

DR:hf

# THE HENRY J. SPIEKER COMPANY

*Builders*



ELM AND UTICA STREETS  
TOLEDO · OHIO

March 28, 1941

*Telephones*  
MAIN 1251-2-3

Geo. R. Spalding-Brigadier General,  
Quarter Master Corp., Assistant,  
War Department,  
Washington, D.C.

Re: Q.M.-095-C-A-B  
(Britsch & Munger)

Dear Sir:

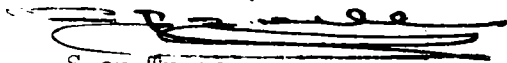
Britsch and Munger Architects located in the City of Toledo have been in business in this territory for a period of thirteen (13) years. Their organization took place in the City of Toledo and the first work executed was in the line of houses and small commercial and industrial developments. Successful operation and organization of their facilities qualified them and actually put them in the field of larger operations.

They successfully designed and executed large school programs for Township and County expansions in the last several years within a radius of sixty (60) miles. These improvements covering a period of eighteen (18) months ran into several million dollars. At the same time they developed and successfully (to the complete satisfaction of our Housing Authority) completed the three hundred sixty-four (364) Dwelling Unit Housing Project in the City of Toledo, known as Chas. F. Weiler Homes. The ultimate final cost of this development came within one and one-half ( $1\frac{1}{2}$ ) percent of the budgetary setup figures. Following this improvement the Housing Authority awarded them another one hundred twelve (112) Dwelling Unit low cost housing project known as Brand-Whitlock Homes Extension Ohio 6-2 which was successfully completed well within the budgetary figures.

The writer is chairman of The Toledo Metropolitan Housing Authority and personally and as Chairman of the Authority feel that Britsch and Munger possess and qualify well the requirements necessary for any project you elect for them to execute. They possess ingenuity, architectural and engineering ability and full organizational capabilities to warrant you in selecting them for any plant expansion, housing or any of the multitude of developments that you may have.

Very truly yours,

THE HENRY J. SPIEKER COMPANY

  
Secy-Treas.

A.G. Spieker'h

MAUMEE PUBLIC SCHOOLS

MAUMEE, OHIO

H. H. EIBLING  
SUPERINTENDENT OF SCHOOLS

March 28, 1941

Honorable Geo. R. Spalding  
Brigadier General, Quartér-master Corp.  
War Department  
Washington, D. C.

Reference Q.M.-095-C-AB (Britsch and Munger)

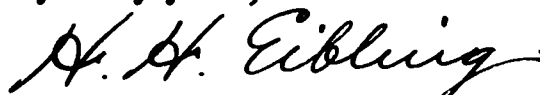
Dear Sir:

It is indeed a pleasure for me to recommend the architect firm of Britsch and Munger of Toledo, Ohio. This last year we completed a new high school building in Maumee costing more than a quarter million dollars. I personally worked with the architectural firm of Britsch and Munger, as a representative of this Board of Education, in the preparation of the plans for this building.

We are just completing our second year of use of this building and have definitely proven that the building is practical as well as beautiful. Almost every square foot of floor space in the building is utilized for some practical purpose. The exterior as well as the interior of the building has been very beautifully designed and many visitors have remarked about the outstanding building that we have. The entire building includes almost one million cubic feet and our total cost was only slightly under 30¢ per cubic foot. This is proof that our building has been simply designed to eliminate all unnecessary costs.

I have always found all members of the architectural firm of Britsch and Munger very co-operative in every way. They have never hesitated to do more than was required of them in the preparation of plans as well as the supervision of the construction. I can recommend this firm as the best architects that I know.

Very truly yours,



H. H. Eibling, Superintendent

HHE:rr

# THE PERRYSBURG PUBLIC SCHOOLS

E. D. JARVIS, SUPERINTENDENT

PERRYSBURG, OHIO

## BOARD OF EDUCATION

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BEAUTIFUL

HISTORIC

SUBURBAN

PROGRESSING

PERRYSBURG

April 3, 1941

Brigadier General George R. Spalding  
Quartermaster Corps  
War Department  
Washington, D. C.

REF. 2M--095--C--AB--Britsch & Munger

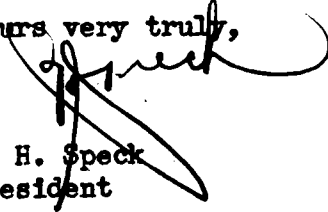
Dear Sir:

It has come to my attention that the above firm of architects, Britsch & Munger, had applied to the Government for the privilege of cooperating in defense work.

This firm of architects is very well and favorably known in this community, having been very active in the construction of school buildings, including the new High School building in Perrysburg, which is a credit to their firm and to our community.

I do not hesitate to recommend this firm to you.

Yours very truly,

  
C. H. Speck  
President

CHS:NS



EXECUTIVE COMMITTEE:

LOUIS J. GILL, PRESIDENT, SAN DIEGO, CALIF.  
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MELLEN C. GREELEY, PAST PRES., JACKSONVILLE, FLA.

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BOARD OF REVIEW: CLINTON H. COWGILL, CHM., BLACKSBURG, VA. CHARLES BUTLER, NEW YORK, N. Y. GILBERT C. HIGBY, NEWARK N. J.

OFFICE OF THE SECRETARY-TREASURER  
CHARITON, IOWA

May 5, 1943

NCARB No. 1573 - Britsch

Mr. C. C. Britsch, Architect  
1025 Nicholas Building  
Toledo, Ohio

Dear Mr. Britsch:

We are in receipt of the report of the Ohio Board on the Standard NCARB Senior Examinations conducted for you, a blue-print copy of which is enclosed for your files.

Also enclosed is the Council Certificate, which is issued in recognition of your achievement in the profession of Architecture. May it be an ever present reminder of perfection to be sustained through a clean ethical record, and may you feel justifiable pride in its possession.

Please see Notice stamped on the back of the Certificate.

Yours for Victory

N. C. A. R. Boards

By

William L. Perkins, Secretary

wLP:P

Enc. Blueprint  
Certificate

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WILLIAM L. PERKINS, SEC.-TREAS., CHARITON, IOWA

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OFFICE OF THE SECRETARY-TREASURER  
CHARITON, IOWA

May 5, 1943

NCARB No. 1574 - Munger

Mr. Harold H. Munger, Architect  
Britsch and Munger  
1025 Nicholas Building  
Toledo, Ohio

Dear Mr. Munger:

We are in receipt of the report of the Ohio Board on the Standard NCARB Senior Examinations conducted for you, a blue-print copy of which is enclosed for your files.

Also enclosed is the Council Certificate, which is issued in recognition of your achievement in the profession of Architecture. May it be an ever present reminder of perfection to be sustained through a clean ethical record, and may you feel justifiable pride in its possession.

Please see Notice stamped on the back of the Certificate.

Yours for Victory

N. C. A. R. Boards

By

William L. Perkins, Secretary

WLP:P

Enc. Blueprint  
Certificate

THE TOLEDO CHAMBER OF COMMERCE  
TOLEDO, OHIO

May 15, 1941.

Brig. Gen. George R. Spaulding,  
Quartermaster Corps,  
War Department,  
Washington, D. C.

Re: 2 M-095 C-AB  
Britsch & Munger

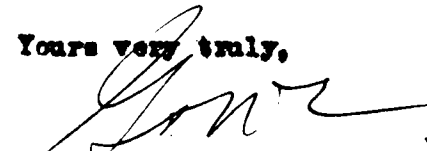
Dear Sir:

The Toledo Chamber of Commerce takes great pleasure in recommending the record, skill and services of Britsch & Munger, architects, 1022-25 Nicholas Building, Toledo.

This firm is composed of Carl C. Britsch and Harold N. Munger, their associates and employees, and has a record of long service in Toledo, notable planning and structures of all sorts, adequate financial and professional responsibility, and the highest ethical standing.

We shall be glad to furnish you or anyone else interested with any additional data, including the recent buildings, projects, etc. planned and executed by this firm.

Yours very truly,



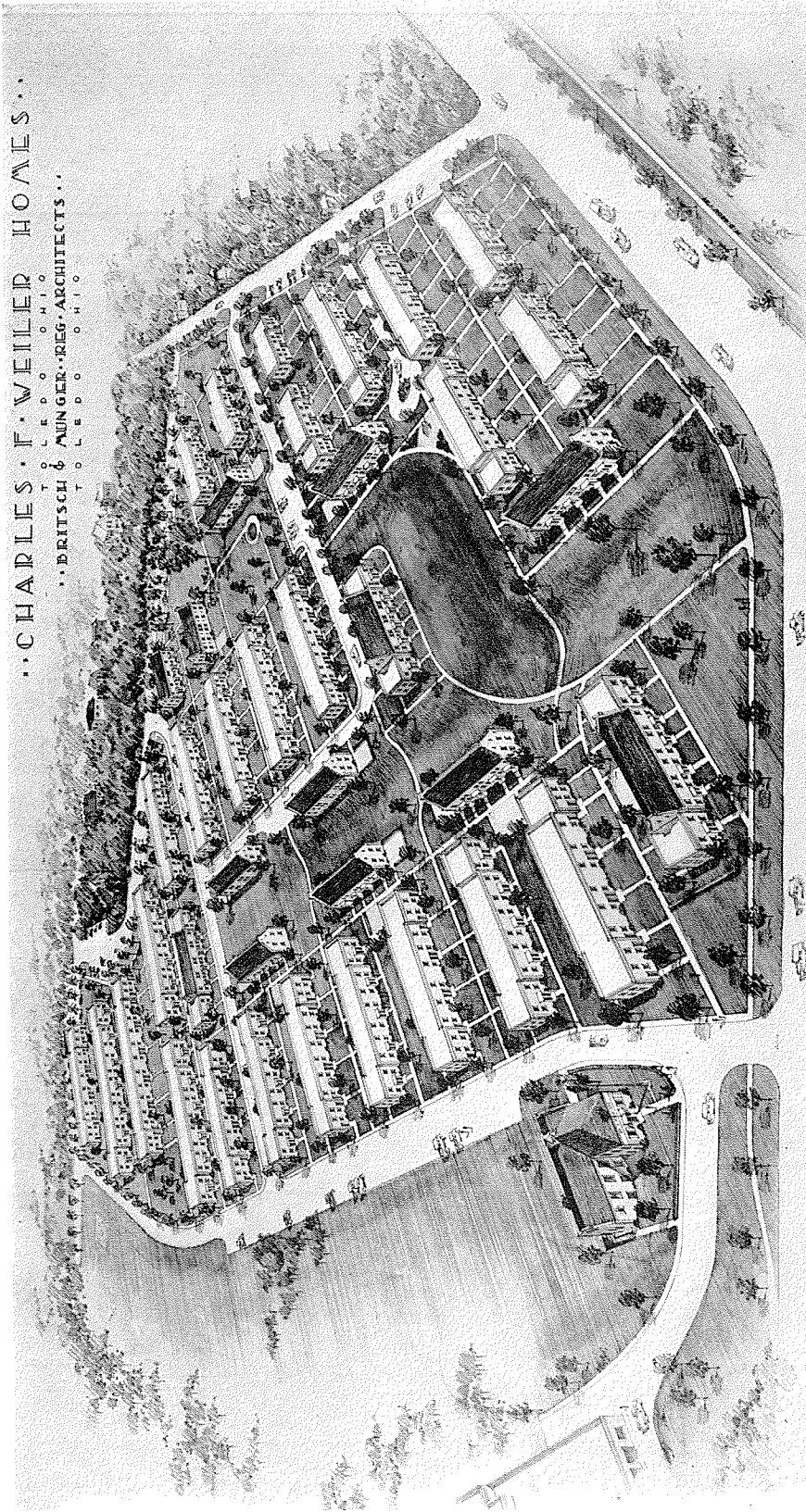
Executive Manager.

SC-ED

C  
O  
P  
Y



..CHARLES F. WEILLER HOMES..  
T O L E D O , O H I O  
..BRITTSCH & MUNGER, ARCHITECTS..  
T O L E D O , O H I O



TOLEDO METROPOLITAN HOUSING AUTHORITY

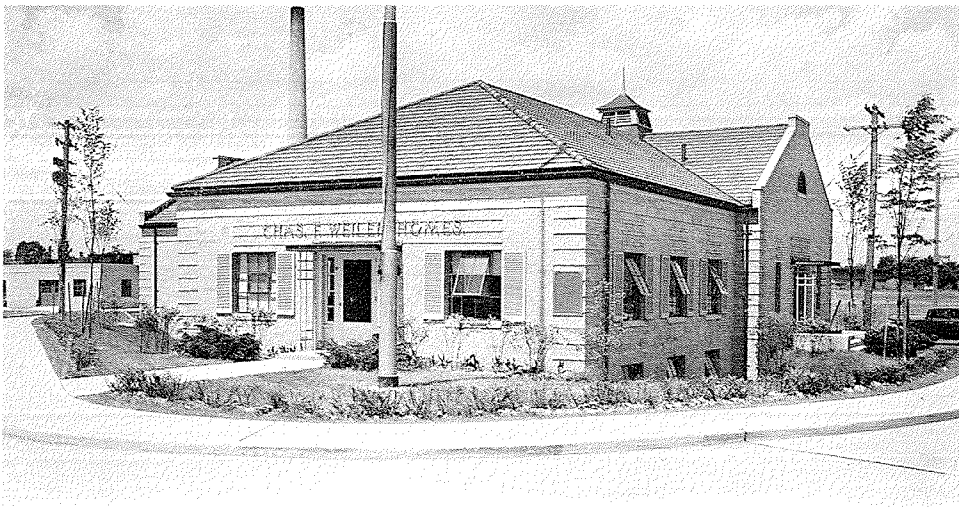
A. G. SPIEKER, CHAIRMAN  
PROF. CHAS. J. DUSHNELL  
DR. R. F. PULLEY  
DONALD ROBINSON, EXEC. SEC.  
W. P. CLARK, VICE CHAIRMAN  
EDWARD KIRSCHNER

1939



Britsch & Munger, Architects





ADMINISTRATION & COMMUNITY CENTER

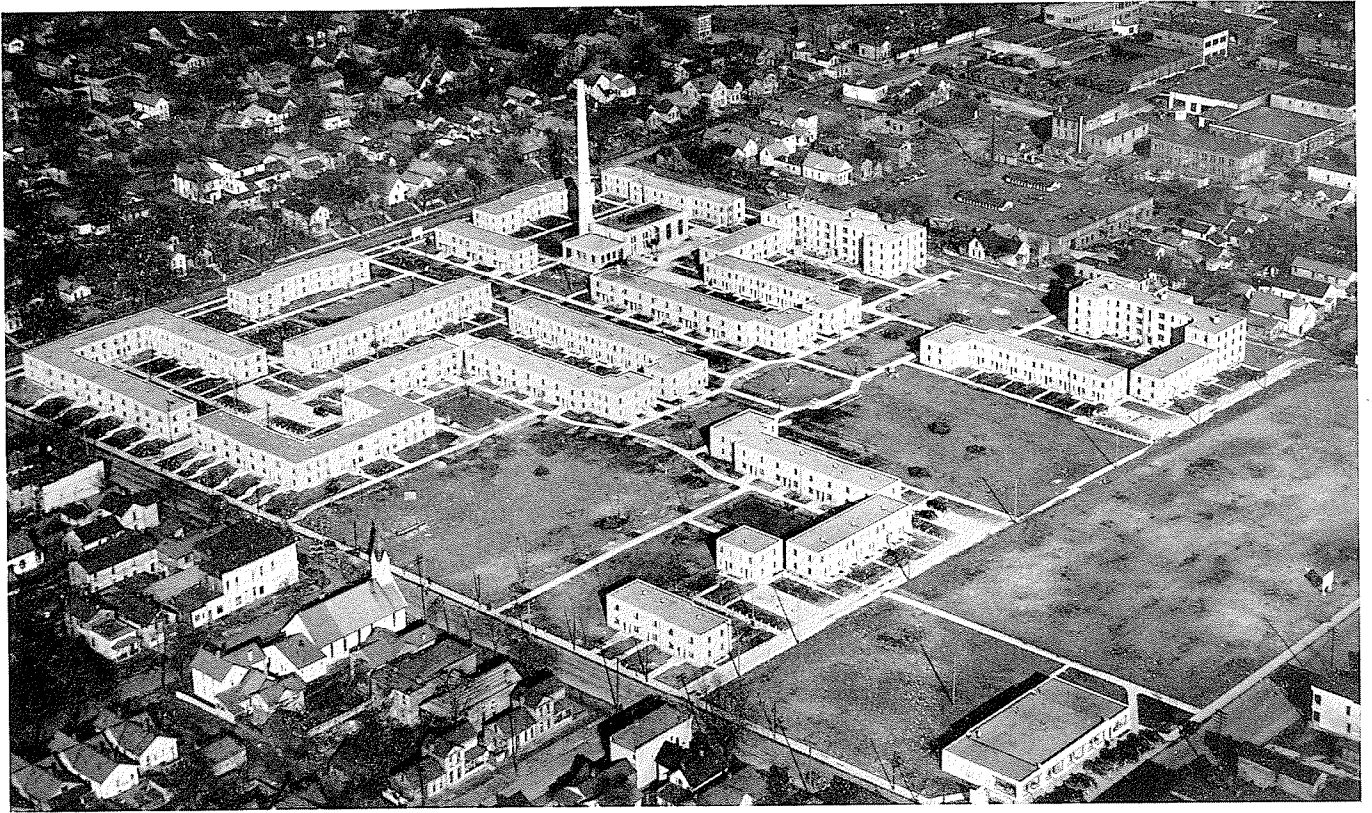


A COURT



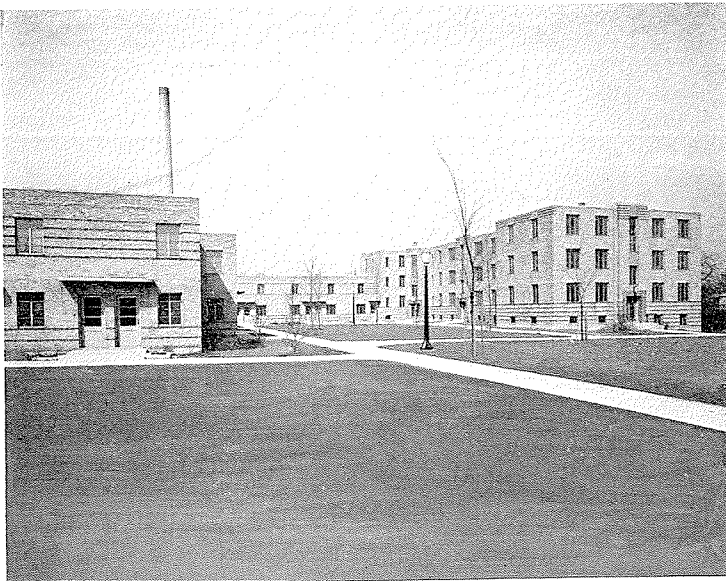
CHARLES F. WEILER HOMES, TOLEDO, OHIO



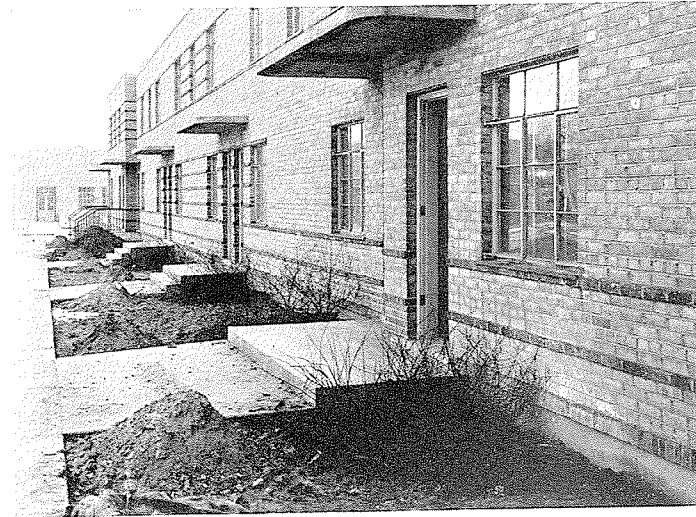


AERIAL VIEW

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VIEW THROUGH COURT



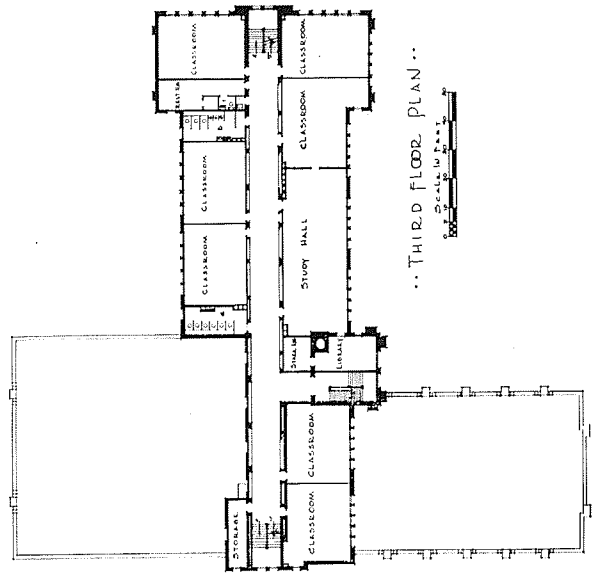
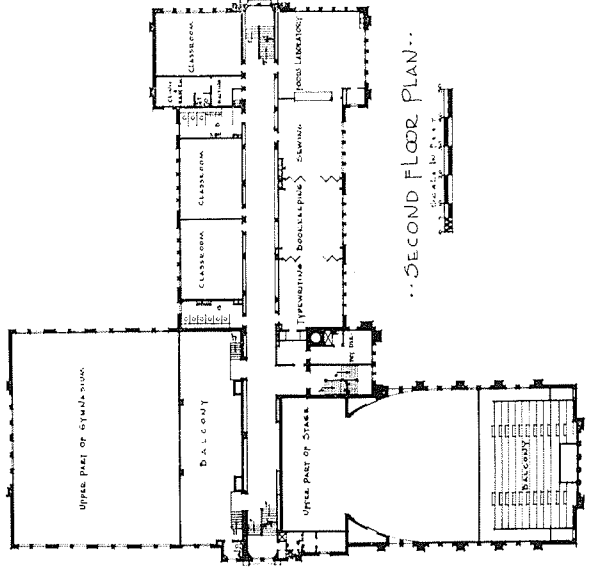
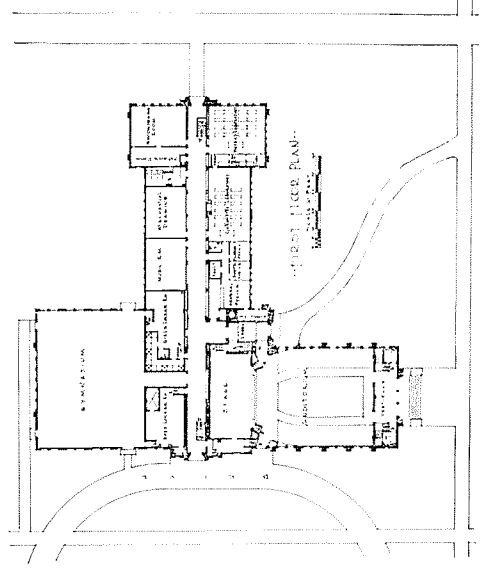
ENTRANCE DETAILS

BRAND WHITLOCK HOMES, TOLEDO, OHIO

Britsch & Munger, *Archi*



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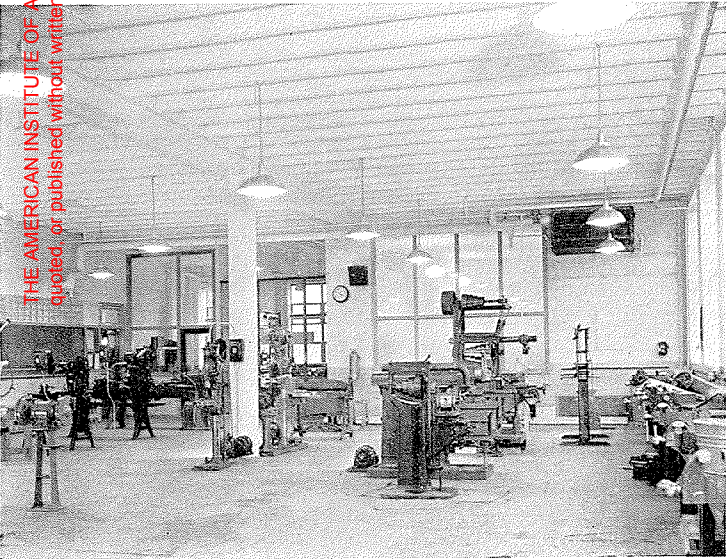


PERRYSBURG HIGH SCHOOL, PERRYSBURG, OHIO

Britsch & Munger, Architects



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MACHINE SHOP



FOODS LABORATORY

BURNHAM HIGH SCHOOL, SYLVANIA, OHIO

Britsch & Munger, Architects

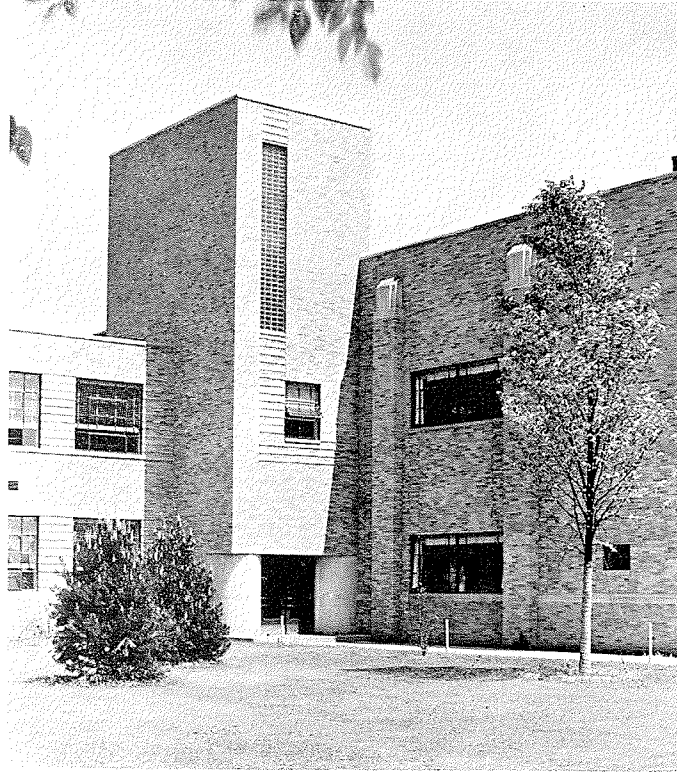




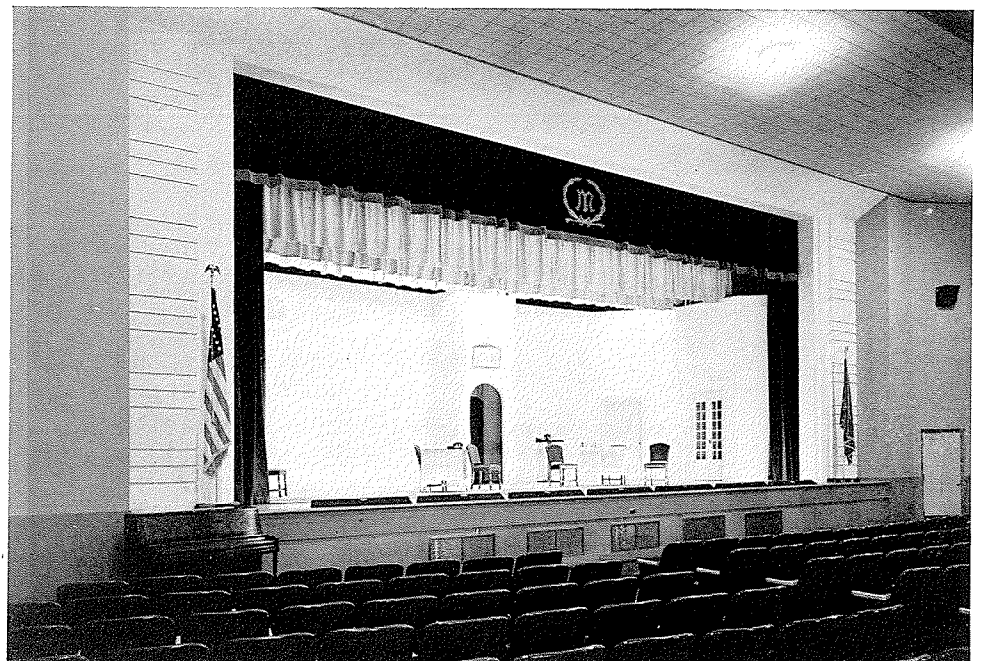




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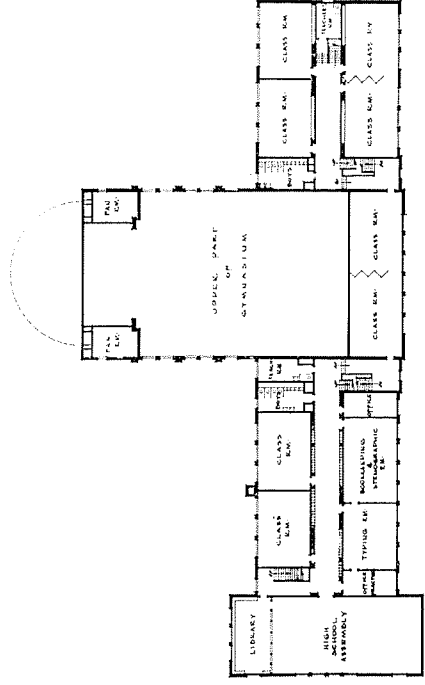
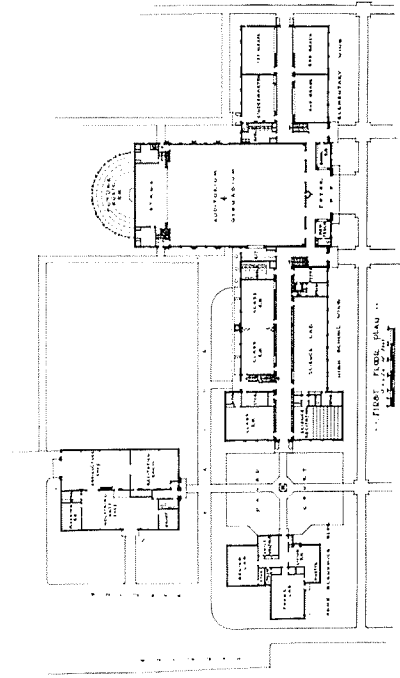
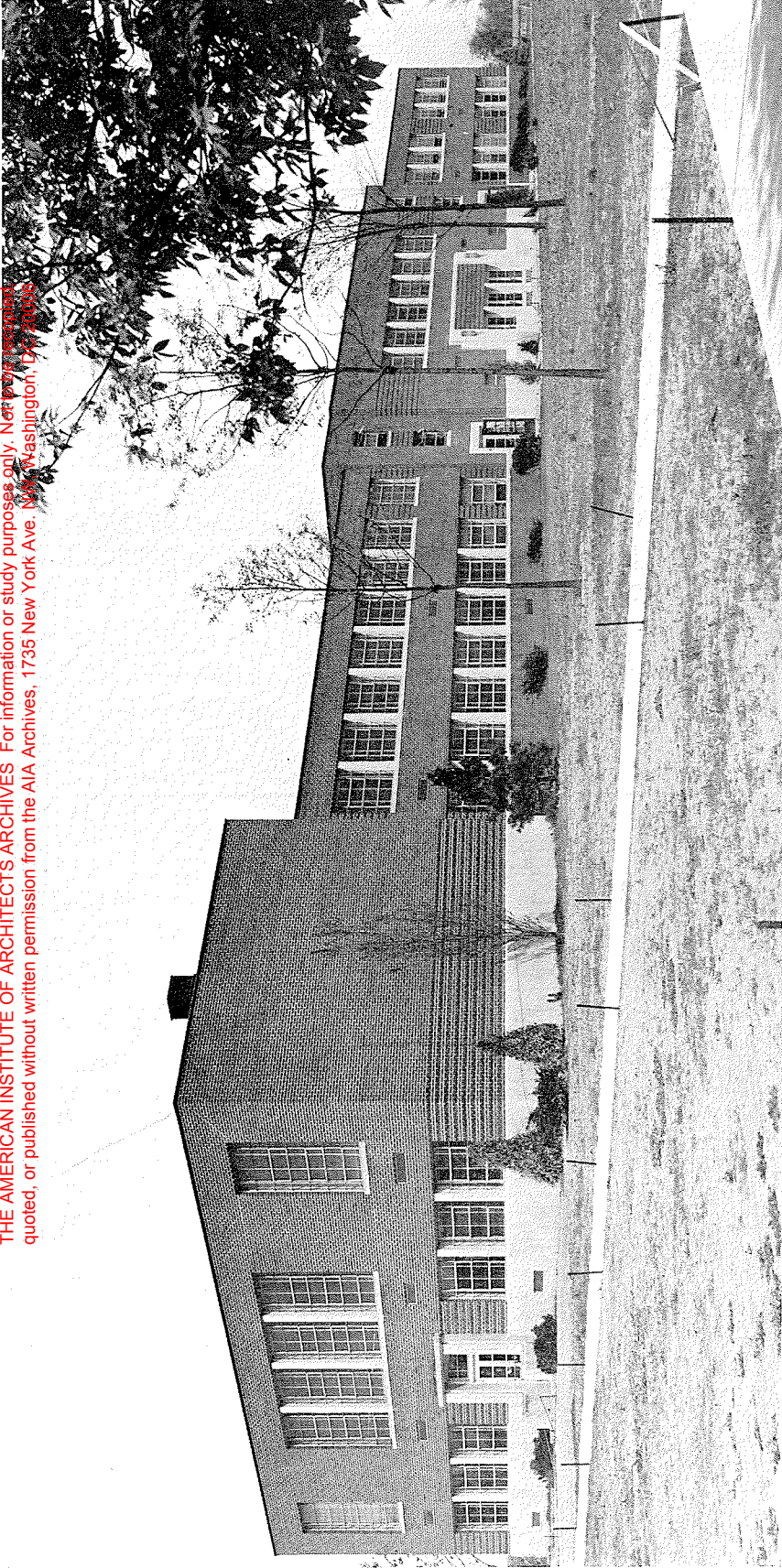
ENTRANCE TOWER



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British & Munger, Architects





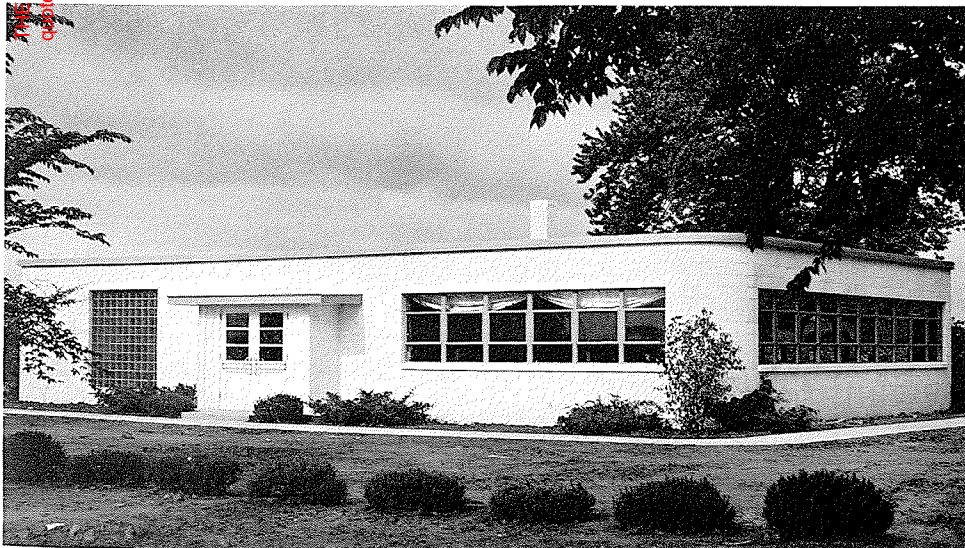
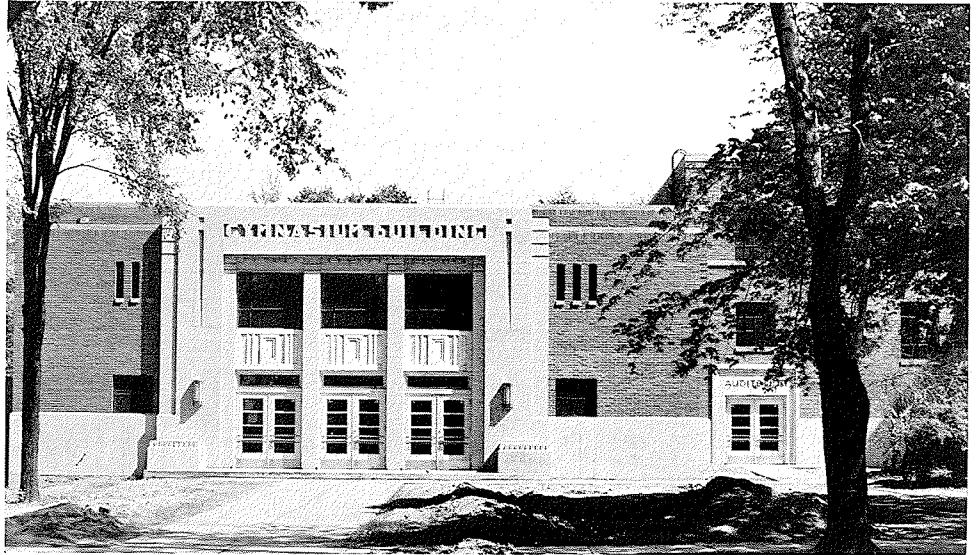


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BRYAN HIGH SCHOOL

GYMNASIUM  
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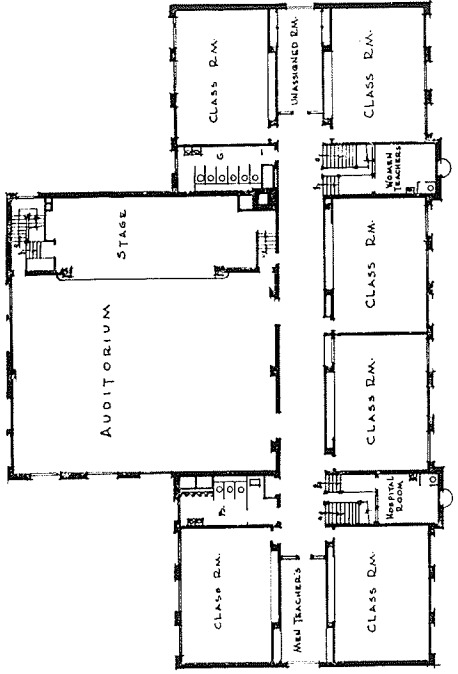
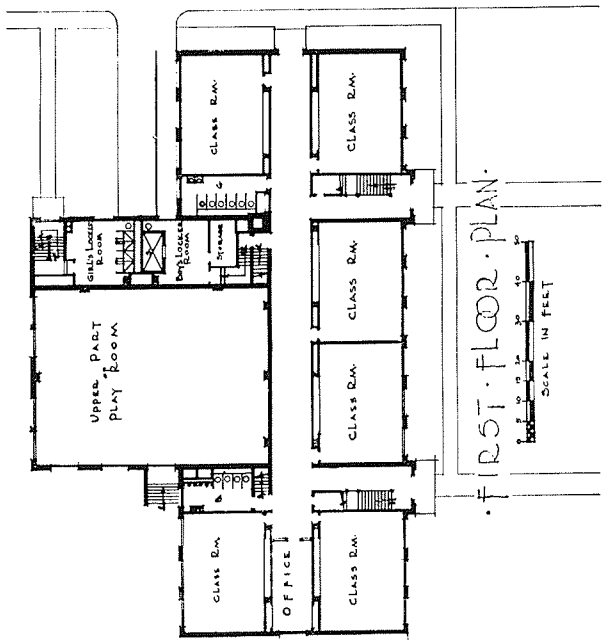


WEIGHSIDE INN  
(TOLEDO SCALES MFG. CO., TOLEDO, OHIO)





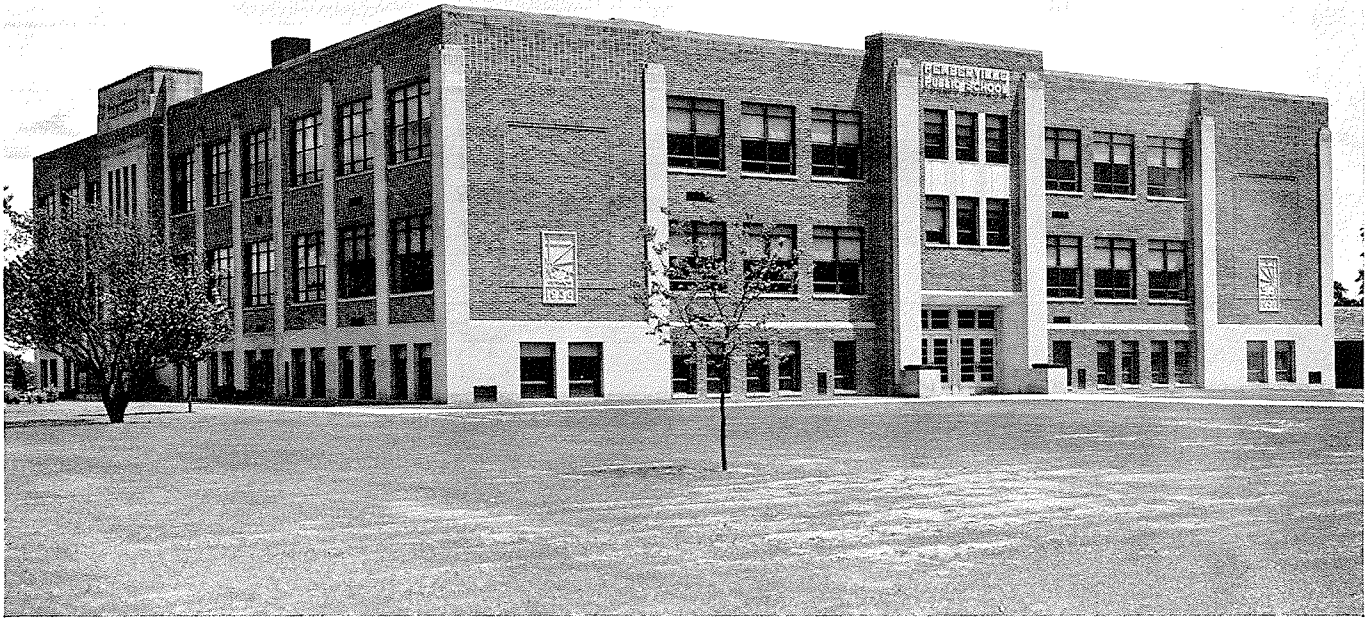
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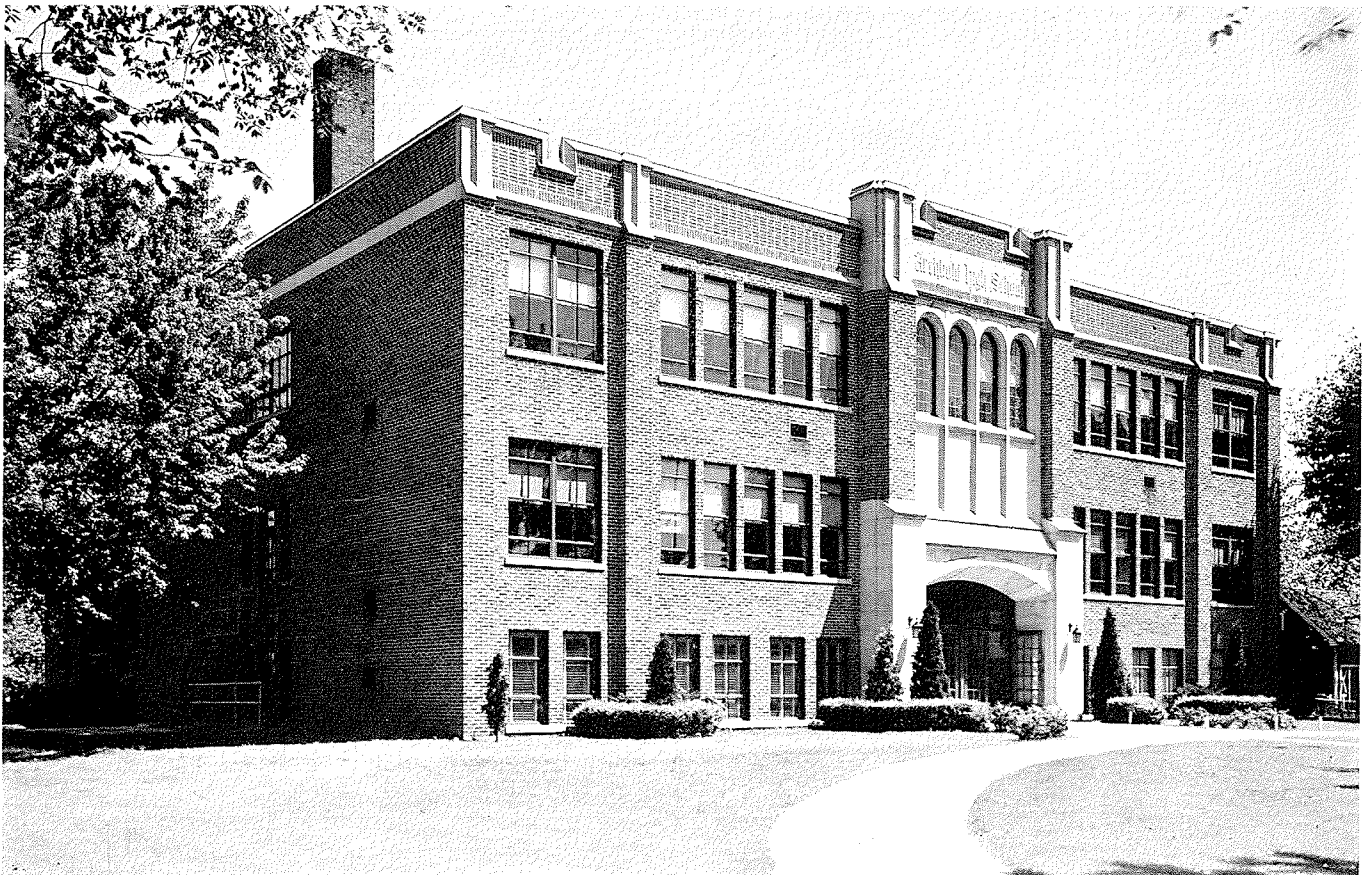
WAUSEON ELEMENTARY SCHOOL

Brittsch & Munger, Architects





PEMBERVILLE SCHOOL, PEMBERVILLE, OHIO



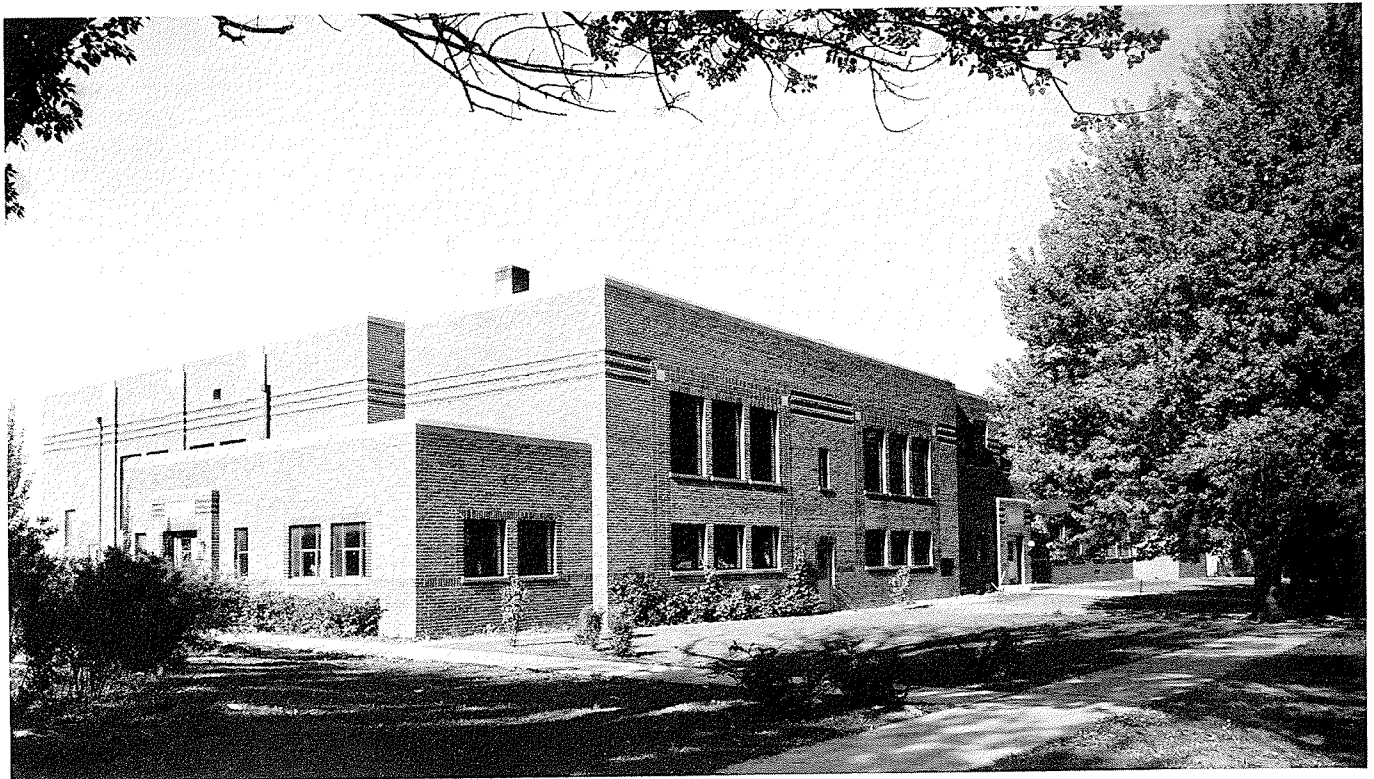
ARCHBOLD HIGH SCHOOL, ARCHBOLD, OHIO

Britsch & Munger, *Architects*





SPRINGFIELD TOWNSHIP SCHOOL, HOLLAND, OHIO



FLORENCE-EDON HIGH SCHOOL, EDON, OHIO

Britsch & Munger, *Architects*





PERRYSBURG VILLAGE SERVICE BUILDING  
PERRYSBURG, OHIO

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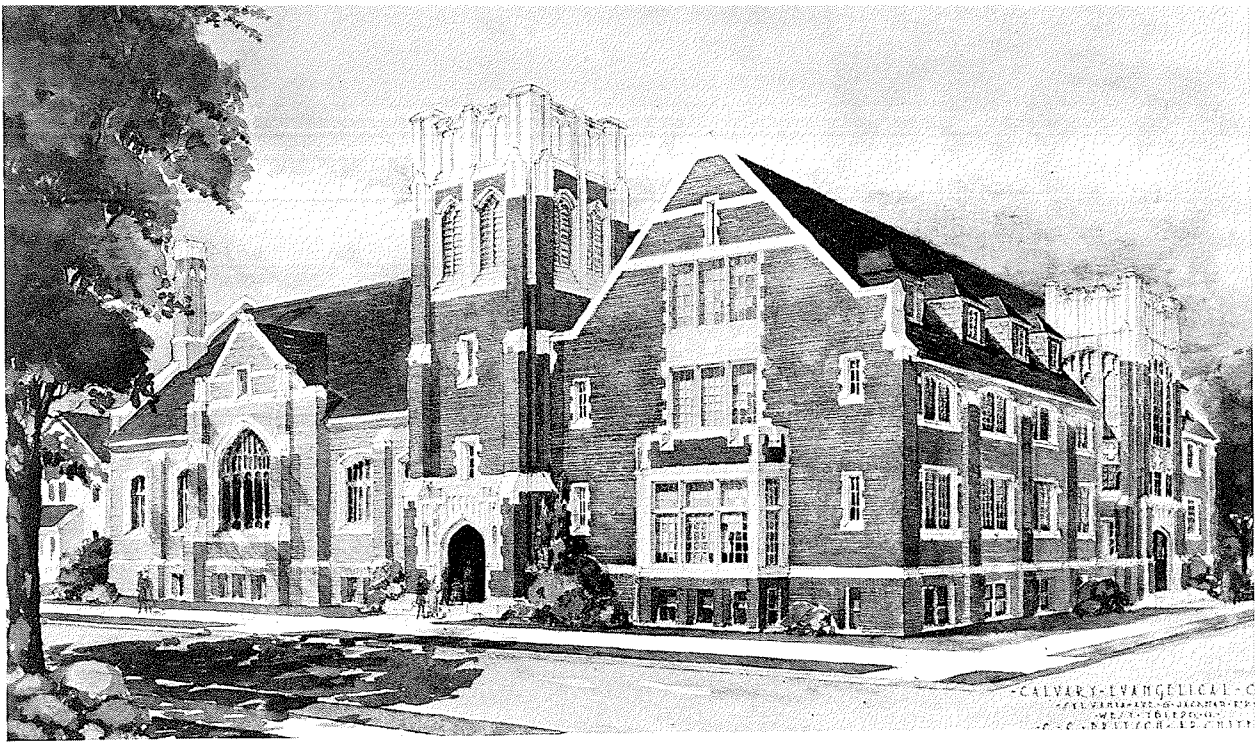
SCHALLER MEMORIAL BUILDING  
PERRYSBURG, OHIO



DETROIT BEACH CLUB  
MONROE, MICHIGAN



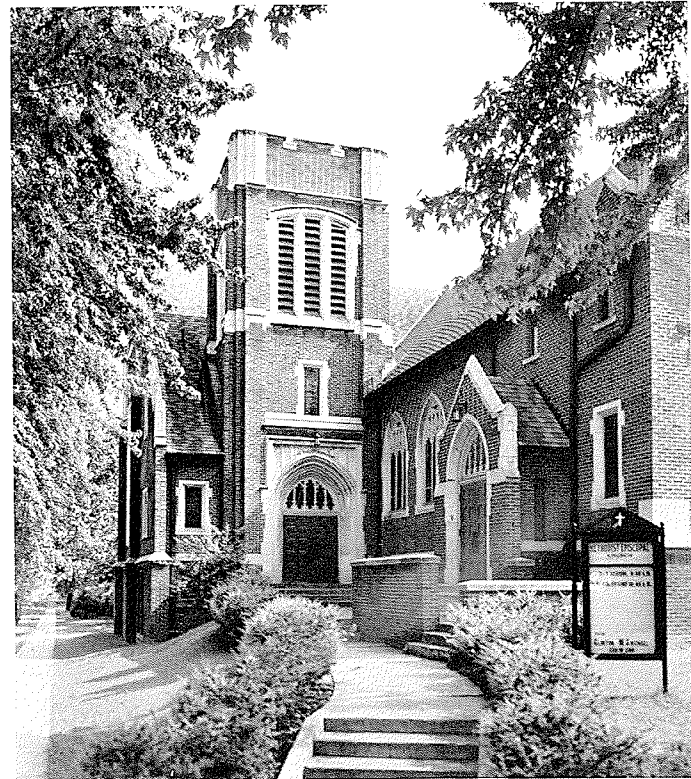
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CALVARY EVANGELICAL CHURCH, TOLEDO, OHIO



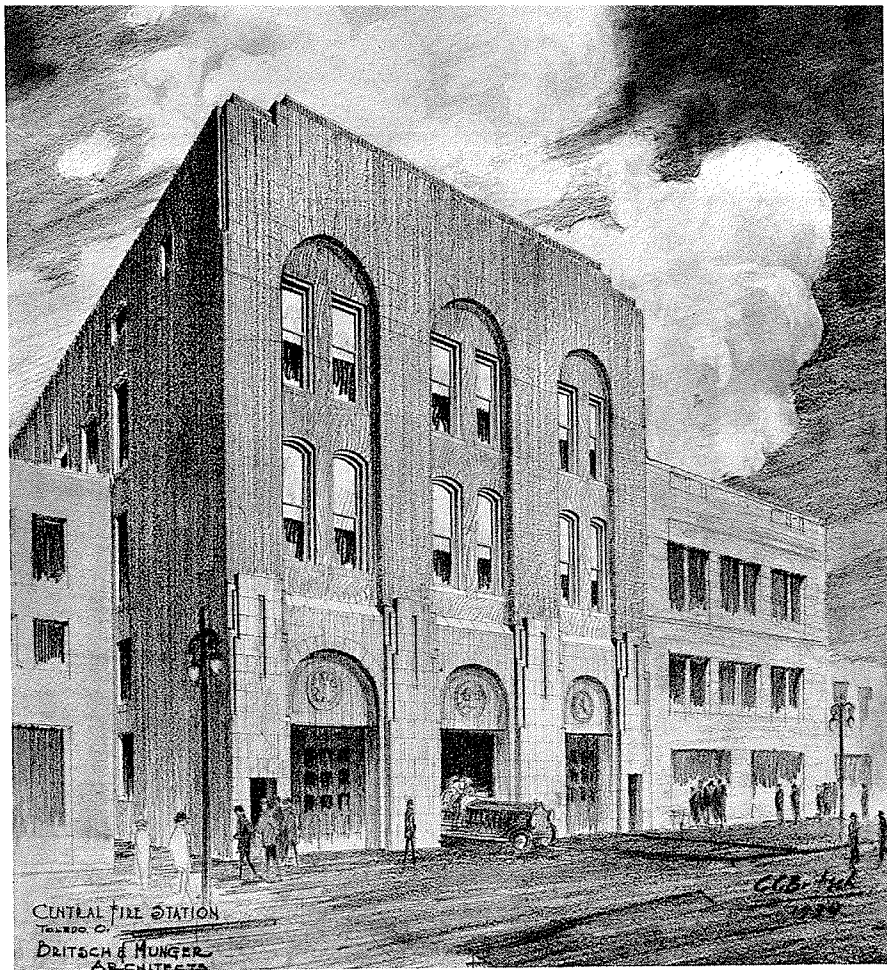
REDEEMER LUTHERAN CHURCH  
TOLEDO, OHIO



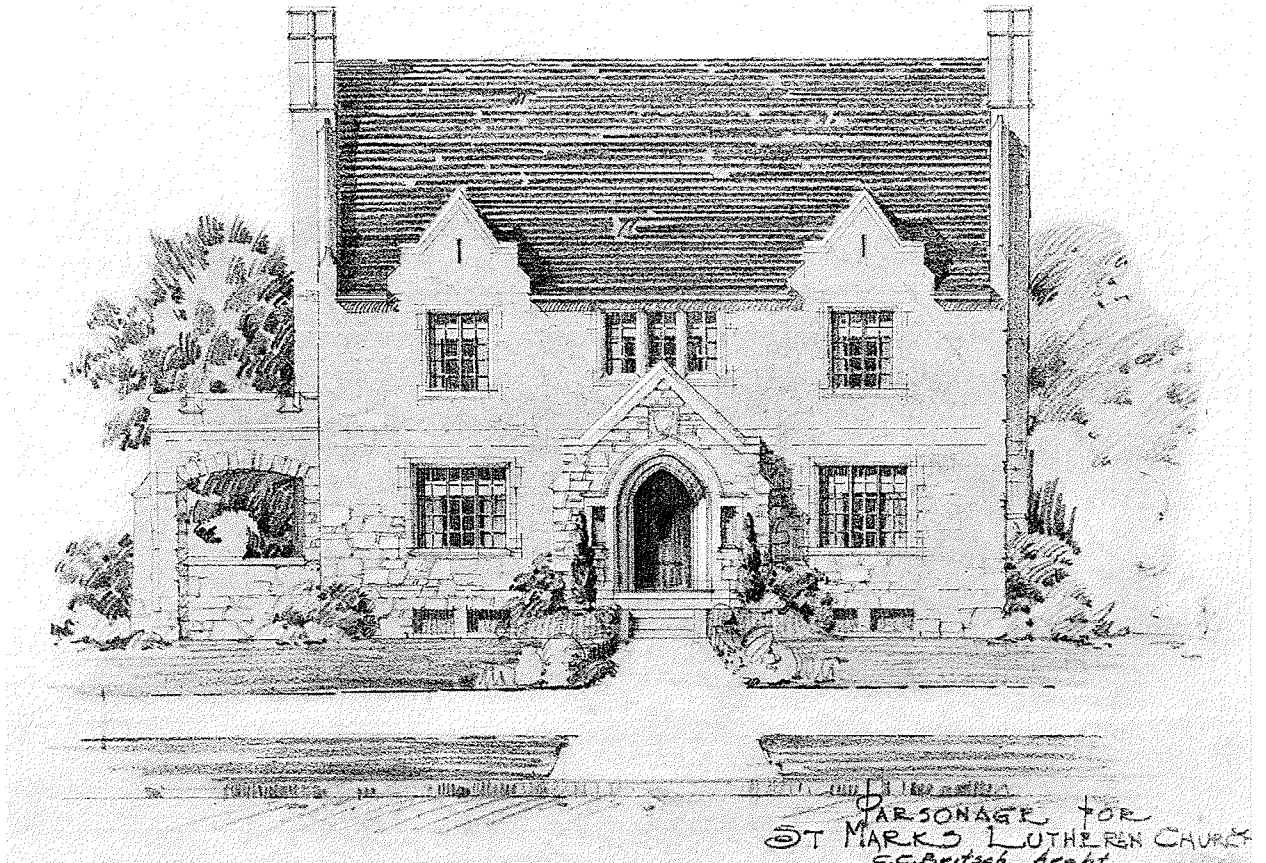
PERRYSBURG METHODIST CHURCH  
PERRYSBURG, OHIO

Britsch & Munger, Architects



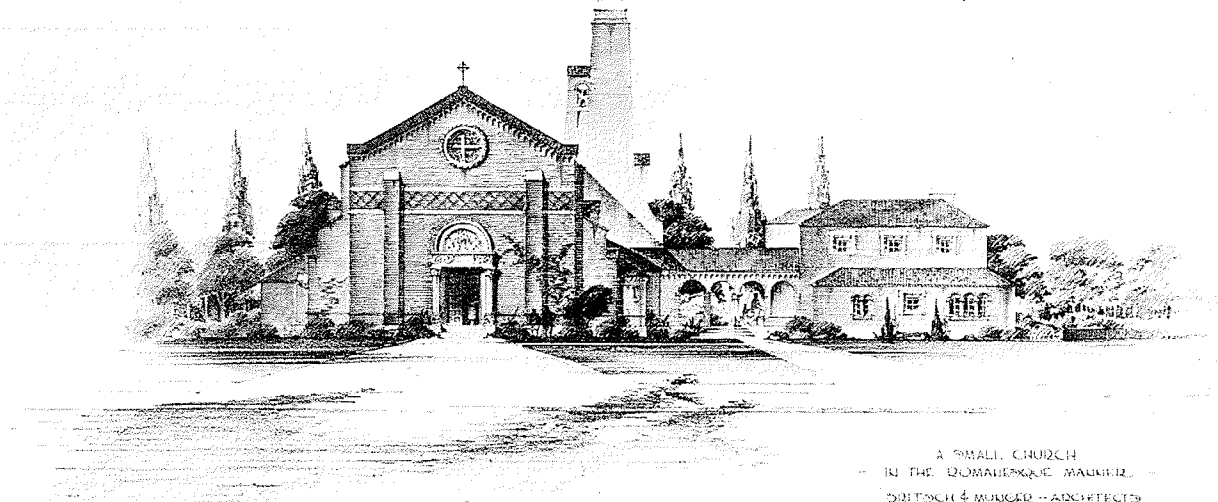


CENTRAL FIRE STATION, TOLEDO, OHIO

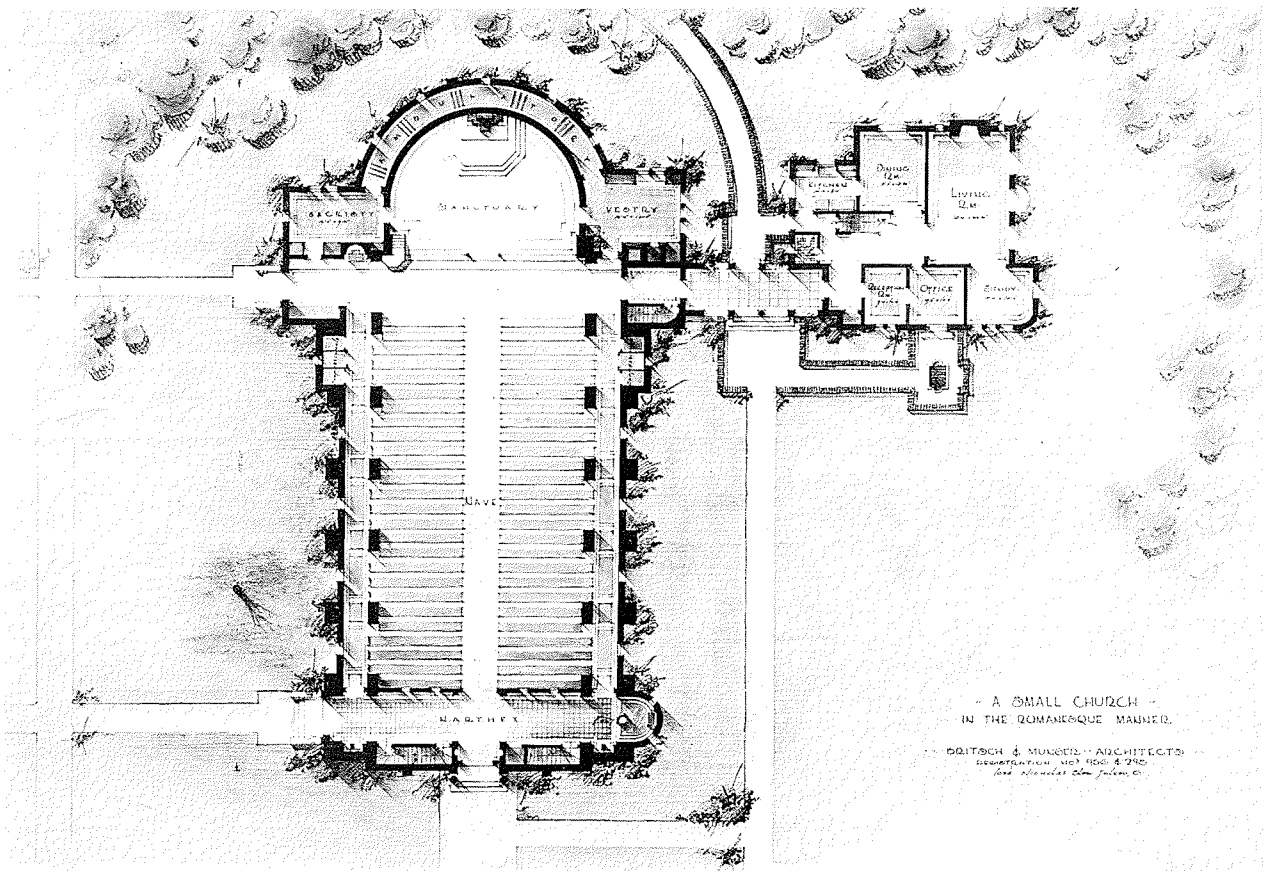


PARSONAGE, ST. MARKS LUTHERAN CHURCH, TOLEDO, OHIO





A SMALL CHURCH  
IN THE ROMANESQUE MANNER.  
DITTOCH & MUNGER - ARCHITECTS  
DESIGNED AND DRAWN BY THEM  
FOR MICHAEL SLOAN, Toledo, Ohio.



A SMALL CHURCH  
IN THE ROMANESQUE MANNER.  
DITTOCH & MUNGER - ARCHITECTS  
DESIGNED AND DRAWN BY THEM  
FOR MICHAEL SLOAN, Toledo, Ohio.

SKETCHES OF PARISH CHURCH, TOLEDO, OHIO

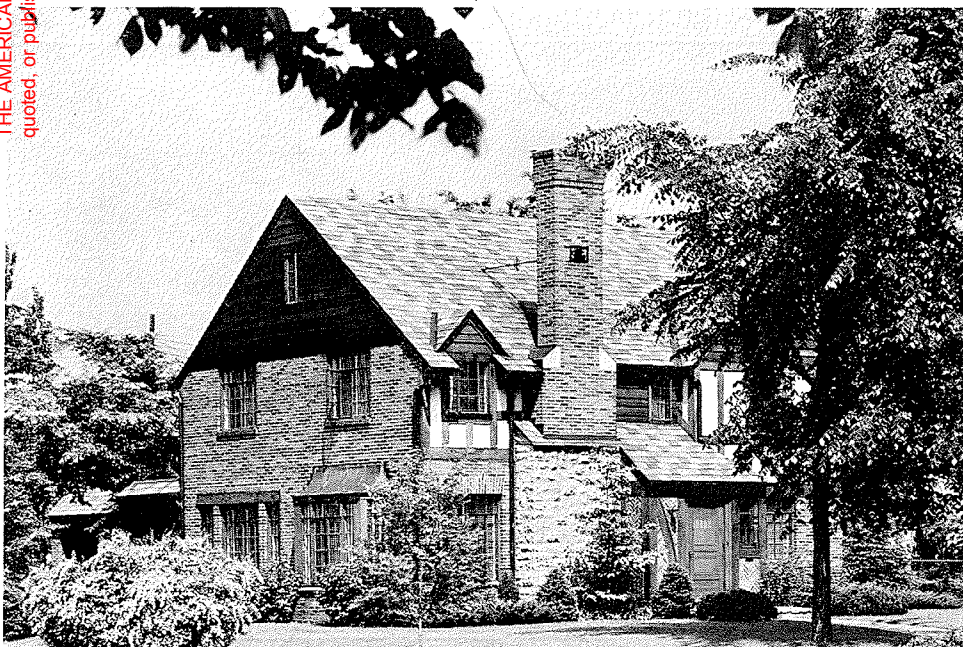
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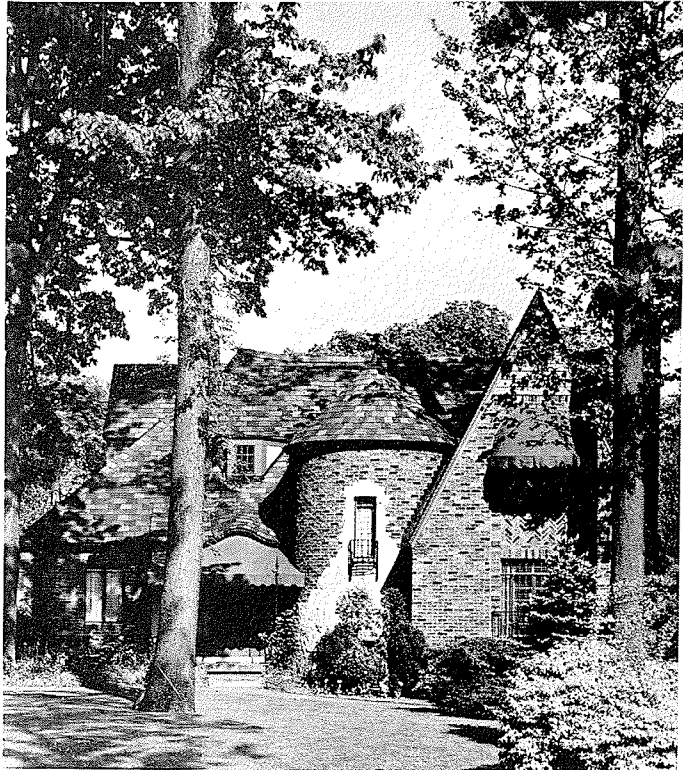




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