

MS-506: General Motors Aeroproducts Division Plant Blueprints Collection

Collection Number: MS-506

Title: General Motors Aeroproducts Division Plant Blueprints Collection

Dates: 1940-1992 (bulk 1940-1941)

Creator: General Motors Corporation

Summary/Abstract:

The collection consists of large blueprints of structures and systems at the General Motors Aeroproducts Division plant located in Vandalia, Ohio. The majority of the blueprints date to 1940-1941, but later blueprints reflect the plant's subsequent iterations as GM Allison Division, Inland Division, and Delco Products.

Quantity/Physical Description: 2.6 linear feet (4 oversize folders, 75 total blueprints)

Language(s): English

Repository:

Special Collections and Archives, Paul Laurence Dunbar Library, Wright State University, Dayton, OH 45435-0001, (937) 775-2092.

Restrictions on Access: There are no restrictions on accessing material in this collection.

Restrictions on Use:

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Preferred Citation:

[Description of item, Date], MS-506, General Motors Aeroproducts Division Plant Blueprints Collection, Special Collections and Archives, University Libraries, Wright State University, Dayton, Ohio.

Acquisition:

The collection was donated to Special Collections and Archives by Edward A. Council on October 27, 2015.

Other Finding Aid:

The finding aid is available on the Special Collections & Archives, Wright State University Libraries web site at http://www.libraries.wright.edu/special/collection_guides/guide_files/ms506.pdf. It is also available in the OhioLINK Finding Aid Repository at <http://ead.ohiolink.edu/xtf-ead/>.

Related Material:

MS-305: W. J. Blanchard, Aeroproducts Inc., Collection

Processed by:

Finding aid written according to DACS standards by Sarah Allison, November 2015; updated and revised by Lisa Rickey, October 2017.

Arrangement:

The blueprints are arranged in two series:

Series I: Early Blueprints, 1940-1941

Series II: Later Blueprints, 1957-1992

Historical Note:

In 1935, W. J. Blanchard and Charles MacNeil founded the company Engineering Products, Inc., in Vandalia, Ohio. In 1940, the company was acquired by General Motors Corporation and became GM's Aeroproducts Division. Many of the plans in this collection reflect the period from 1940 to 1941 when GM created many construction and development plans for this newly acquired division. In March 1941, Aeroproducts Division moved into its new factory in Vandalia, Ohio.

The Aeroproducts Division produced Aeroprop aircraft propellers. The Aeroprop propellers were made in two-, three-, and four-blade designs, as well as a six-blade contra-rotating version, and were used on the P-39, P-51, P-63, B-26, and B-24 aircraft. In addition to the Vandalia location, particularly during the height of WWII, GM also produced propellers at the Frigidaire Plant Four in Moraine. Following WWII, Aeroproducts produced parts for other GM divisions, in addition to propellers.

The Vandalia plant was later part of the GM Allison Division, GM Inland Division, Delco Products, and later Delphi Chassis.

Scope and Content:

This collection contains 75 blueprints of the Aeroproducts Division of General Motors, located in Vandalia, Ohio, arranged in two series:

Series I: Early Blueprints contains 58 blueprints dating between 1940 and 1941. These are alphabetically grouped by building. The drawings include the Garage, Gate House, Factory Building, Manufacturing Building, New Test Building, and the Office & Manufacturing Building.

Series II: Later Blueprints contains 17 blueprints dating between 1957 and 1992, arranged chronologically, and reflect the changing names of the plant from Aeroproducts, Allison Division, to Inland Division, to Delco Products. These blueprints include plumbing, sewer, parking lot, and loading dock drawings.

Subject Terms:

Organizations/Corporate Names

General Motors Corporation. Aeroproducts Division.
General Motors Corporation. Delco Products Division.
General Motors Corporation. Inland Division.

Places

Vandalia (Ohio) – Buildings, structures, etc.

Subjects (General)

Factories – Blueprints
Industries -- Ohio
Aircraft industry – 20th century

Material Types

Blueprints

Collection Inventory

<u>Drawer</u>	<u>Folder</u>	<u>Item</u>	<u>Description</u>	<u>Date</u>
Series I: Early Blueprints				1940-1941
OS 114	1	1	Garage Building	1941 Mar
OS 114	1	2	Garage Building	1941 Mar 4
OS 114	1	3	Gate House	1940 Dec 12
OS 114	1	4	Gate House	1940 Dec 23
OS 114	1	5	Factory Building	1940 Sep 24
OS 114	1	6	Factory Building	Circa 1940-1941
OS 114	1	7	Factory Building	Circa 1940-1941
OS 114	1	8	Factory Building	1940 Oct 8
OS 114	1	9	Factory Building- Heat Recovery System	1941 Apr 25
OS 114	1	10	Factory Building	1941 Apr 25
OS 114	1	11	Factory Building	1940 Nov 22
OS 114	1	12	New Test Building	Circa 1940-1941
OS 114	1	13	New Test Building- Details High Intensity Flood lights + Frames	Circa 1940-1941
OS 114	1	14	New Test Building- Plot Plan	Circa 1940-1941
OS 114	1	15	New Test Building- [label torn and illegible]	Circa 1940-1941
OS 114	1	16	Office & Manufacturing Building	Circa 1940-1941
OS 114	1	17	Office & Manufacturing Building	Circa 1940-1941
OS 114	1	18	Office & Manufacturing Building	Circa 1940-1941
OS 114	2	19	Office & Manufacturing Building	1940 Nov 6
OS 114	2	20	Office & Manufacturing Building- Ventilating and Air Conditioning	1940 Dec 2
OS 114	2	21	Office & Manufacturing Building- 1/4 th Scale Brazing Room Plan	1941 Mar
OS 114	2	22	Office & Manufacturing Building- Revised Plumbing Services	1941 Feb 21
OS 114	2	23	Office & Manufacturing Building- Lighting First Floor Plan	1940 Oct 29
OS 114	2	24	Office & Manufacturing Building- Transformer Vault Details	1940 Oct 29
OS 114	2	25	Office & Manufacturing Building- Underground Plumbing	Circa 1940-1941

Drawer	Folder	Item	Description	Date
OS 114	2	26	Office & Manufacturing Building- Plumbing + Heating layout	Circa 1940-1941
OS 114	2	27	Office & Manufacturing Building	1940 Sep 24
OS 114	2	28	Office & Manufacturing Building- 2 Story attached office	Circa 1940-1941
OS 114	2	29	Office & Manufacturing Building- Plan of Cafeteria	Circa 1940-1941
OS 114	2	30	Office & Manufacturing Building	1940 Dec 5
OS 114	2	31	Office & Manufacturing Building-Sanitary Drainage System	Circa 1940-1941
OS 114	2	32	Office & Manufacturing Building	1941 Jan 3
OS 114	2	33	Office & Manufacturing Building	1941 Jan 31
OS 114	2	34	Office & Manufacturing Building- Plot Plan & Exterior Lighting Details	1940 Aug 29
OS 114	2	35	Office & Manufacturing Building- Cafeteria, Locker Room, Toilets, Basement Heat Treatment Room Ect.	1940 Oct 29
OS 114	2	36	Office & Manufacturing Building- Details of 600 KVAT Transformer Bank	1940 Dec 8
OS 114	2	37	Office & Manufacturing Building- Lighting Office First Floor Plan	1940 Oct 29
OS 114	3	38	Office & Manufacturing Building- Office Second Floor Plan	1940 Aug 29
OS 114	3	39	Office & Manufacturing Building- Underfloor Duct System First/Second Floor	1940 Oct 29
OS 114	3	40	Office & Manufacturing Building- Electrical Layout for Plating Room	1941 Feb 14
OS 114	3	41	Office & Manufacturing Building- Details for Electrical Layout for Plating Room	1941 Feb 14
OS 114	3	42	Office & Manufacturing Building- Plot Plan Mechanical work	Circa 1940-1941
OS 114	3	43	Office & Manufacturing Building- Mechanical Detail	1941 Feb 10
OS 114	3	44	Office & Manufacturing Building- Cafeteria & Kitchen	1941 Jan 7
OS 114	3	45	Office & Manufacturing Building	1941 Jan 23
OS 114	3	46	Office & Manufacturing Building- Plan of Plating Room	1941 Jan 31
OS 114	3	47	Office & Manufacturing Building- Building Plans & Details of Mezzanine Floor for Gas, cracking utilities	1941 Feb 3
OS 114	3	48	Office & Manufacturing Building- Plant Utility Room	1941 Feb 19
OS 114	3	49	Office & Manufacturing Building- Factory Details	1940 Sep 24
OS 114	3	50	Office & Manufacturing Building	1940 Sep 24
OS 114	3	51	Office & Manufacturing Building- Factory Details	Circa 1940-1941
OS 114	3	52	Office & Manufacturing Building- Factory Machine Pad Plan	1940 Nov 22

Drawer	Folder	Item	Description	Date
OS 114	3	53	Office & Manufacturing Building- Roof Plan	1940 Sep 24
OS 114	3	54	Office & Manufacturing Building- First Floor Plan	1940 Nov 1
OS 114	3	55	Unknown Location- Sections & Elevations	Circa 1940-1941
OS 114	3	56	Unknown Location- Tag Ripped Badly	Circa 1940-1941
OS 114	3	57	Unknown Location- Dioramic Sketch of Gasoline Distributing System	Circa 1940-1941
OS 114	3	58	Unknown Location- Rain Water Collection System	1940 Nov 6
Series II: Later Blueprints				1957-1992
OS 115	1	59	Aeroproducts, Allison Division: South Underground Utilities Building Design (SE Quarter of Plant)	1957 Nov 15
OS 115	1	60-61	Inland Division: Plan of Underground Piping (Building 47A) (2 sheets)	1966 Dec 14
OS 115	1	62-63	Inland Division: Mechanical Plumbing: Underground Piping & Details (2 sheets, 2 copies each)	1966 Dec 16
OS 115	1	64	Inland Division: Layout Storm Sewer Extension	1976 July 13
OS 115	1	65	Inland Division: Salaried Parking Lot and Security Draining and Grading Plan	Circa 1988
OS 115	1	66	Inland Division: Renovation South Parking Lot (Phase I)	Circa 1988
OS 115	1	67-73	Inland Division: Steel Unloading Dock Building Addition (Building 31) (7 sheets: sheets #1, 3-8)	Undated
OS 115	1	74-75	Delco Products: New Underground Storm South Parking Lot Storm Line Addition (Building 35) (2 sheets)	1992 July 1