PLAINTIFF'S EXHIBIT
MGC-69

PLANNED CONSTRUCTION

McGraw Construction COMPANY INC.



COMPLETE ENGINEERING SERVICE

McGCon 2510

McGCon 2511

McGRAW CONSTRUCTION COMPANY, INC.

MIDDLETOWN, OHIO

P. O. Box 272

Phone: GArden 2-4556

Man's top discovery, it has been said, is not fire, the wheel, electricity or atomic energy; man's top discovery is teamwork . . . how to get things done by working together.

This brochure is a brief outline of how planned engineering and construction methods, if properly employed, will result in efficient production at costs considerably lower than those which prevail in the engineering and construction industry.

FRANK H. MCGRAW, *Chairman of the Board*

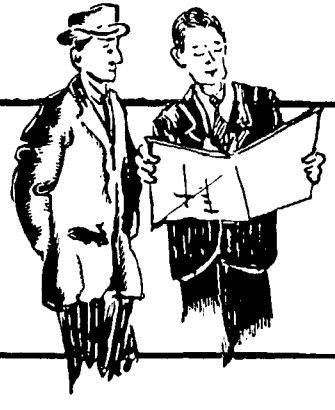
ELLIOTT D. LEVEY, *President*

McGCon 2512

INDUSTRIAL
— AND —
MUNICIPAL
Surveys

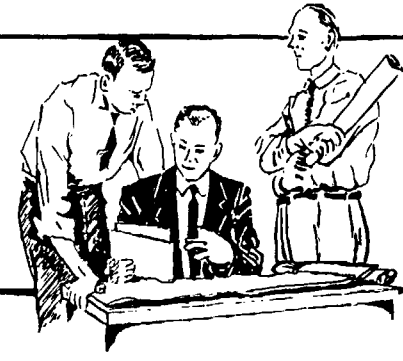


McGCon 2513



SHIPPING • WATER SUPPLY • GAS •
ELECTRICAL POWER • AND ETC. •

PROJECT REQUIREMENTS • ESTIMATES •
SCHEDULES • PURCHASING • EXPEDITING



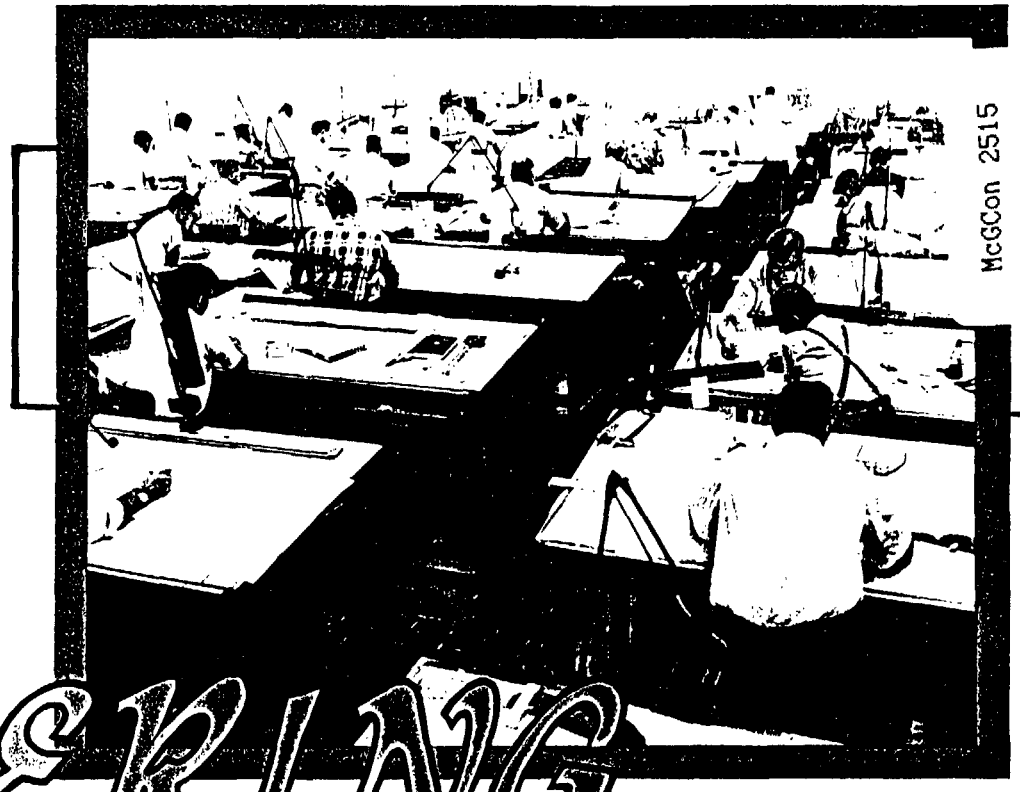
PLANNING



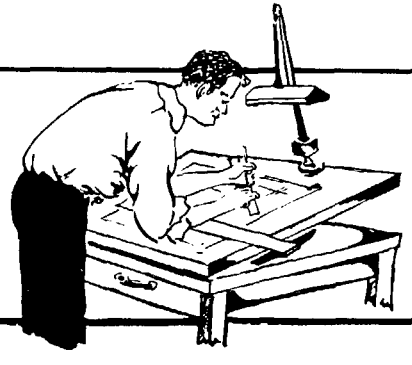
We study the objective and existing conditions that affect accomplishment of your proposed engineering and construction projects. These facts, placed in their proper perspective, form the beginning of a well-planned program.

McGCon 2514

We invite an analysis of your past and current costs for engineering services. We are certain that our costs are considerably lower due principally to our methods of operating and the ability of our experienced engineering staff to quickly comprehend your needs.

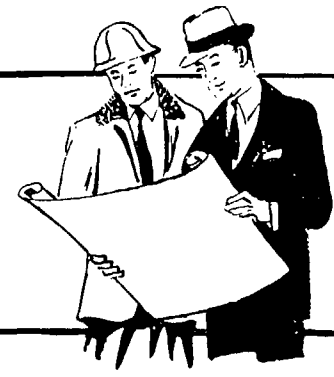


ENGINEERING



RESEARCH • DEVELOPMENT • DESIGN •
MATERIALS • AND FIELD INSPECTIONS

FIELD COORDINATION • INSPECTIONS •
FIELD TRAINING OF OPERATING GROUPS •



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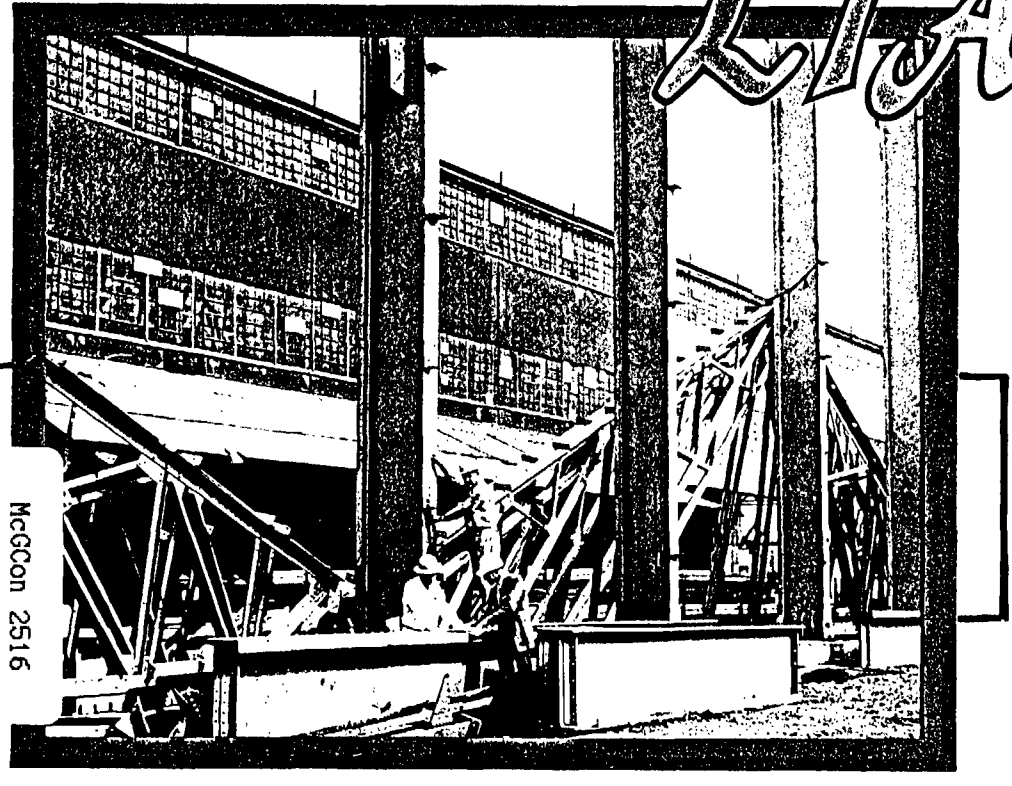
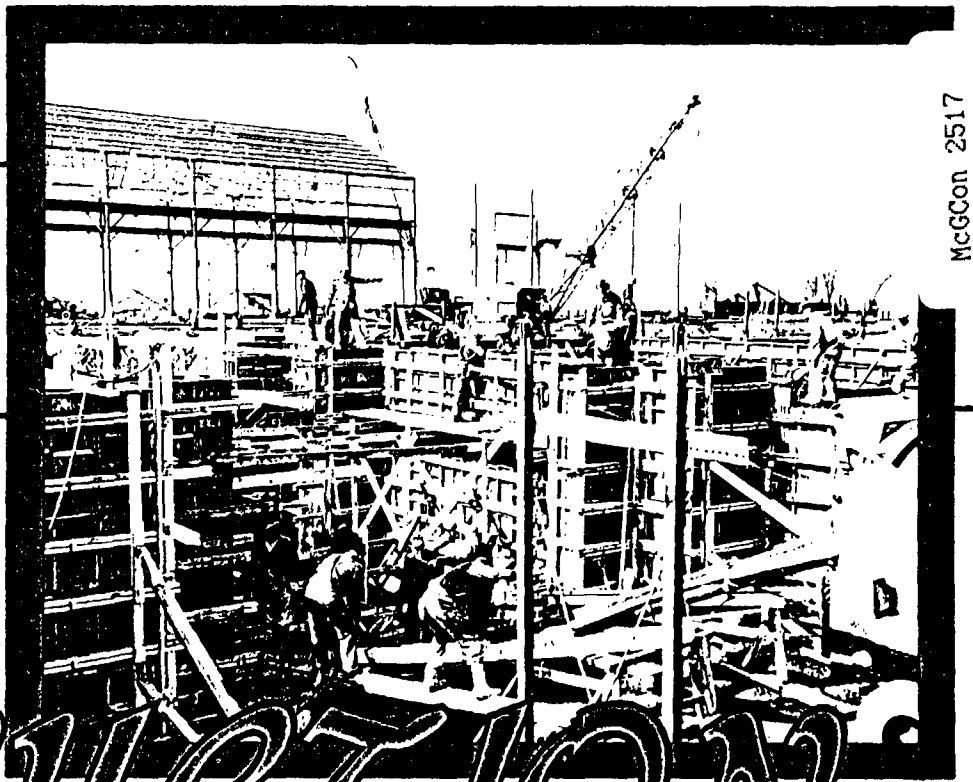


McGCon 2516

When McGraw Construction Company, Inc., are assigned to a project, they immediately become integrated as a division of the owner's organization during the prosecution of the work. In this way the owner immediately has the services of capable and experienced engineers, ready to work without loss of time; and at the same time, the cost of this service ends when the project is completed.

INDUSTRIAL
COMMERCIAL
INSTITUTIONAL



McGCon 2517

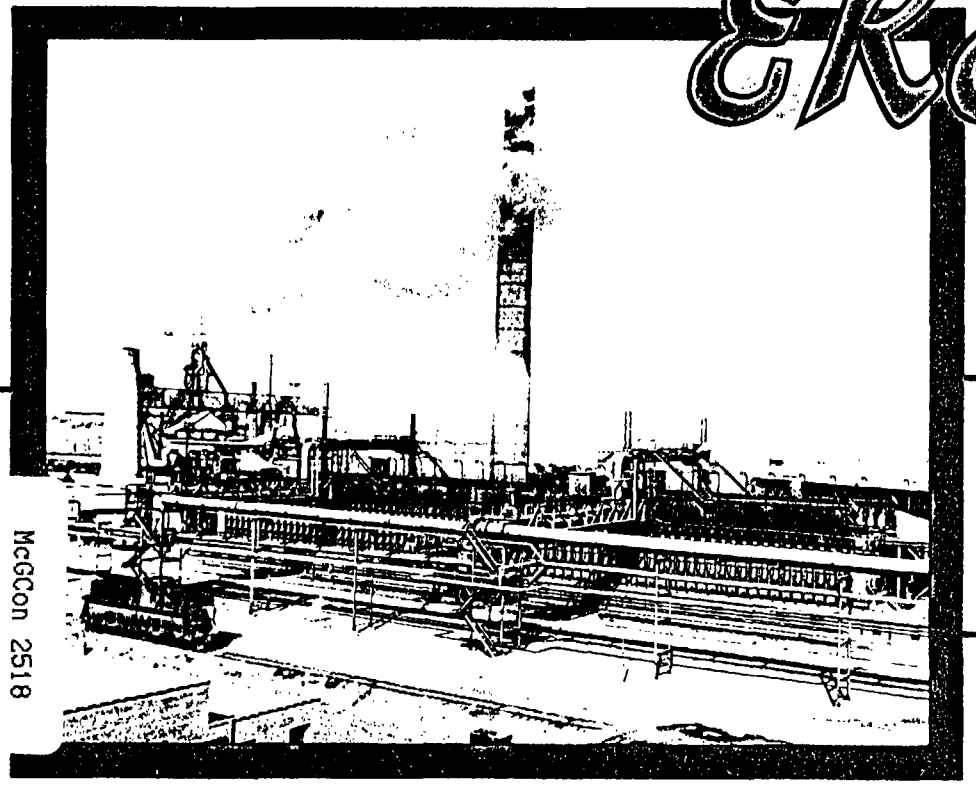
CONSTRUCTION



PILE DRIVING • FOUNDATIONS • STEEL • PIPING •
EARTH MOVING • RAILROADS • BUILDINGS •

HEAVY EQUIPMENT • MATERIAL HANDLING • CONVEYORS •
PRODUCTION LINES • MACHINERY • RAILROADS & BUILDINGS

Erection



The construction and machinery erection record of our Company, extending over a period of more than thirty years, will stand the closest scrutiny. We do not sub-contract any of the major branches of the work unless directed by the owner. Direct employment of all crafts under our supervision reduces costs, provides better coordination and expedites the completion of the work.

PARTIAL LIST OF PROJECTS

80" Cold Reduction Mill
The American Rolling Mill Company.....Middletown, Ohio

Office and Exchange Building
The Ohio Bell Telephone Company.....Middletown, Ohio

Engineer — Contractor — Housing Project — 500 Houses
Federal Housing Administration.....Dayton, Ohio

Fabrication Division
The American Rolling Mill Company.....Middletown, Ohio

Annealing Building
The American Rolling Mill Company.....Middletown, Ohio

375-Man Barracks
War Department.....Fort Thomas, Kentucky

Design of Steel Plant
The American Rolling Mill Company.....Sydney, Australia

Cold Rolled Temper Mill Building & Equipment
The American Rolling Mill Company.....Middletown, Ohio

Design and Construction of Complete Electric Melting
Furnace Plant Andrews Steel Company.....Newport, Kentucky

Design and Construction of 5,000 Troop Houses
Air Service Command, Army Engineers,
Patterson Field.....Dayton, Ohio

Reconstruction of Hot Strip Mill
The American Rolling Mill Company.....Middletown, Ohio

Design and Construction of Cold Rolled Reduction Mill including buildings, 4 Stand Tandem Mill, continuous pickling line and box annealing equipment
The American Rolling Mill Company.....Middletown, Ohio

Mechanical Installation — Aluminum Plant
Aluminum Company of America.....Newark, Ohio

Design and Construction of Electric Melting Furnace Plant Complete
The American Rolling Mill Company.....Middletown, Ohio

100 Octane Plant
Lion Oil Refining Company.....El Dorado, Arkansas

Design and Construction of Sintering Plant Complete
The American Rolling Mill Company.....Hamilton, Ohio

Butler Plant
The American Rolling Mill Company.....Butler, Pennsylvania

Reconstruction of Continuous Hot Strip Mill
The American Rolling Mill Company.....Ashland, Kentucky

Steel Erection and Mechanical Installation
Ozark Ordnance Works, War Department..El Dorado, Arkansas

Design, Construct and Operate 8" 106mm Shell Plant
Cincinnati Ordnance District,
U.S. Army Service Forces.....Newport (Wilder), Kentucky

4 Stand Tandem Mill, engineering and installation
Armco Steel Corporation.....Butler, Pennsylvania

Design and installation for Electrical Annealing Furnaces
Armco Steel Corporation.....Butler, Pennsylvania

Design and installation for Sendzimir Cold Reduction Mill
Armco Steel Corporation.....Butler, Pennsylvania

Design and equip plant for the manufacture of 37, 50, 75, 90, 105 and 155mm shells
U.S. Army Engineers and
Ordnance Department.....Indianapolis, Indiana

Design and Construct Annealing Furnace & Zinc Grip Unit
The American Rolling Mill Company.....Butler, Pennsylvania

No. 4 Strip Pickling Unit
Armco Steel Corporation.....Butler, Pennsylvania

Installation of new Coilers on Hot Mill
Armco Steel Corporation.....Butler, Pennsylvania

Design and Construct: 500 — $7,000 to $8,000 G.I. Houses; 100 — $10,000 G.I. Houses; 20 — Four-family G.I. Apartments
Middletown Development & Supply Co.....Middletown, Ohio

Extension to Plant
Aeronca Aircraft Corporation.....Middletown, Ohio

McGCon 2519

PARTIAL LIST OF PROJECTS

Continuous Strip Annealing Unit No. 6
Armco Steel Corporation.....Butler, Pennsylvania

Continuous Strip Annealing Unit No. 7
Armco Steel Corporation.....Butler, Pennsylvania

Sewage Disposal Plant
.....Crawfordsville, Indiana

Sewage Disposal Plant
.....Celina, Ohio

Engineering and Topography Survey
Reserve Mining Co.,
Oglebay Norton & Co., Agents.....Beaver Bay, Minnesota

Design and Construction of new Slab Grinding Building
Armco Steel Corporation.....Butler, Pennsylvania

Completely new Electric Melting Plant including Electric transmission lines and substations
Armco Steel Corporation.....Middletown, Ohio

Alteration to First National Bank Building
.....Middletown, Ohio

Architectural design and Construction of new buildings
St. Mary's Church.....Middletown, Ohio

Installation of new Turbine and Generator Equipment
Sorg Paper Company.....Middletown, Ohio

Extension to Boiler Plant and Installation of New Boilers
Armco Steel Corporation.....Middletown, Ohio

New Dip Galvanizing Plant Complete, including Equipment
Armco Steel Corporation.....Middletown, Ohio

Addition and Extension to Manchester Hotel
.....Middletown, Ohio

Protection, Maintenance, Sales and Warehousing inactive War Plants for War Assets Administration and Reconstruction Finance Corporation at the following locations:

Camp Reynolds.....Greenville, Pennsylvania
Ohio Steel Foundry.....Lima, Ohio
Green River Ordnance.....Dixon, Illinois
Chandler-Evans Company.....Dayton, Ohio
Lempco Products Company.....Byesville, Ohio
Alcoa.....Newark, Ohio
Waco.....Troy, Ohio
Sangamon Ordnance Plant.....Illiopolis, Illinois
Revere Copper & Brass Company.....Chicago, Illinois
Diamond Magnesium Company.....Painesville, Ohio
Continental Aviation & Engr.....Muskegon, Michigan
Seneca Boat Works.....Seneca, Illinois
Scioto Ordnance.....Marion, Ohio
Magnesium & Reduction Plant.....Luckey, Ohio

Design and Construction of continuous Strip Pickler and new Storage Building
Armco Steel Corporation.....Middletown, Ohio

Design and Construction of Continuous Electricolytic Plating and Bonderizing Unit
Armco Steel Corporation.....Middletown, Ohio

Design and Construction of 20,000 KVA Outdoor Substation and Secondary Distribution system including distribution substations
Lustron Corporation.....Columbus, Ohio

Designing Shell Plant
Sheffield Steel Corporation.....Houston, Texas

Design and Construction of Continuous Pickeling, Annealing and Coating Process line
Armco Steel Corporation.....Butler, Pennsylvania

Construction and Maintain buildings and equipment
The Solvay Process Division,
Allied Chemical & Dye Corp.....Syracuse, New York

Construction and Maintain buildings and equipment
The Solvay Process Division,
Allied Chemical & Dye Corp.....South Point, Ohio

McGCon 2520

PARTIAL LIST OF PROJECTS

Repair buildings and Maintain equipment
Armco Steel Corporation.....Middletown, Ohio

Prepare for extended storage as per Spec. No. ORDID-1 dated May 1, 1947. U. S. Army Ordnance Contracts as follows:

Alabama Ordnance Works.....Sylacauga, Alabama
Iowa Ordnance Plant.....Burlington, Iowa
Joliet Arsenal.....Joliet, Illinois
Indiana Arsenal.....Charlestown, Indiana
Kansas Ordnance Plant.....Parsons, Kansas
Kingsbury Ordnance Plant.....LaPorte, Indiana
Louisiana Ordnance Plant.....Shreveport, Louisiana
Springfield Army.....Springfield, Massachusetts
Nebraska Ordnance Plant.....Wahoo, Nebraska
Radford Arsenal.....Radford, Virginia
Ravenna Arsenal.....Apco, Ohio
Volunteer Ordnance Works.....Chattanooga, Tennessee
Wabash River Ordnance Works.....Newport, Indiana
Fisher Body.....Grand Blanc, Michigan
Revere Copper & Brass Company.....Chicago, Illinois

Extend and Repair Buildings
The Ohio Bell Telephone Company.....Middletown, Ohio

New Boiler House — New Paper Storage and Repairs to Old Buildings
The Gardner-Richardson Co.....Middletown and Lockland, Ohio

New Boiler House — New Paper Storage and Repairs to Old Buildings
The Sorg Paper Company.....Middletown, Ohio

New Factory Building and Shipping Dock
The Raymond Bag Company.....Middletown, Ohio

New Building and Show Room
Ross Motors Inc.....Middletown, Ohio

Lay-a-way Program of Diamond Magnesium Plant for
Federal Works Agency.....Painesville, Ohio

Design and Construction of Nickle Flash Unit
Armco Steel Corporation.....Middletown, Ohio

Relocation of Open Hearth Dump and Railroad Tracks
Armco Steel Corporation.....Middletown, Ohio

Design and Construction of No. 2 Open Hearth
Armco Steel Corporation.....Middletown, Ohio

Electrical Installation in Industrial Education Buildings
Miami University.....Oxford, Ohio

Foundations and Construction of Factory Building
Warren Steel Corporation.....Middletown, Ohio

Design and Construction of New Warehouse Building
Wrenn Paper Company.....Middletown, Ohio

Construction of Complete New Soda Ash Plant
Solvay Process Division.....Syracuse, N. Y.

Construction of Two New Buildings — Mound Laboratory
Monsanto Chemical Company.....Miamisburg, Ohio

Construction of Foundations and Install New Ammonia Storage Plants
Solvay Process Division.....South Point, Ohio

Design and Construction of New Warehouse and Locker Room
Gardner Board and Carton Company.....Middletown, Ohio

Design and Construct New Sendzimir Mill
Armco Steel Corporation.....Butler, Pennsylvania

Construction of New Warehouse Building and Steelox Office Building
Warren Steel Corporation.....Middletown, Ohio

Processing Machine Tools for Long Term Storage
Watertown Arsenal.....Watertown, Massachusetts

Addition to Building and Facilities
Stone Container Corporation.....Franklin, Ohio

Install Two Stand Temper Mill at Jones & Laughlin Steel Corp.
E. W. Bliss Company.....Aliquippa, Pennsylvania

Design and Construct Two Wings to Main Office Building
The Gardner Board and Carton Company.....Middletown, Ohio

McGCon 2521

PARTIAL LIST OF PROJECTS

Design and Construct Continuous Hot Strip Mill and Related Facilities
Armco Steel Corporation.....Ashland, Kentucky

Construct Foundations and Install 18" x 24" Mill Two High
Ohio Knife Company.....Cincinnati, Ohio

Design and Construction of Ore Bins and Bridge, Power House, Tracks and Miscellaneous Buildings
Armco Steel Corporation.....Middletown, Ohio

Construct New Bicarbonate Plant and New High Pressure Boiler
Solvay Process Division.....Syracuse, New York

Design and Construct Additions and Alterations to Main Office
Wrenn Paper Company.....Middletown, Ohio

Design and Construction of Branch Bank
First National Bank.....Middletown, Ohio

Rehabilitation of Elwood Arsenal Facilities, Joliet, Illinois
Corps of Engineers — U.S. Army.....Chicago, Illinois

Construction of Coke Ovens & Auxiliary Facilities at
Armco Steel Corporation for Wilputte Coke
Oven Division.....Middletown, Ohio

Construction of Pilot Plant for Iron Ore Pellets for
Reserve Mining Company.....Babbitt, Minnesota

Construction of Coal Mixing Bins for Coke Ovens
Nicholson & Co., Inc.....Middletown, Ohio

Construction of Coke Ovens & Auxiliary Facilities at
Semet Solvay Plant for Wilputte Coke Oven
Division.....Ashland, Kentucky

Design and Construct a Carton Plant Office,
Gardner Board & Carton Co.....Middletown, Ohio

Construction of New John Ross Store,
Denton's, Inc.....Middletown, Ohio

Design & Construct New Cafeteria Dining Room
Gardner Board & Carton Co.....Middletown, Ohio

Construction of New High Pressure Boiler
The Solvay Process Division.....Syracuse, New York

Construction of New Chlorine Plant
The Solvay Process Division.....Syracuse, New York

Design & Construct Electric Annealing Furnaces
Armco Steel Corporation.....Butler, Pennsylvania

Design and Construction of Cold Mill and Related Facilities
Armco Steel Corporation.....Ashland, Kentucky

Construction of Second Step Soda Ash Plant
Solvay Process Division.....Syracuse, New York

Design & Construction of New Office and Store
Middletown Lumber Company.....Middletown, Ohio

Construction of Caustic Potash Plant
Solvay Process Division.....Syracuse, New York

Construction of New Chemical Engineering Laboratory
Ford Motor Company.....Cincinnati, Ohio

Replacement of Continuous Tank and Raw Coil
Pickling on 80" Line — U. S. Steel Corporation —
Irwin Works.....Dravosburg, Pennsylvania

Installation of No. 3 Turbo Blower
American Steel and Wire Division.....Cleveland, Ohio

Design & Construction of a Sintering Plant and Wet Flue
Dust Facilities — Weirton Steel Company.....Weirton, West Va.

Foundations and Installations of Uncoiler for 36" Pickling Line
U. S. Steel Corporation — Irwin Works.....Dravosburg, Penna.

Design & Construction of New Facilities for Pipe
Manufacturing Fabricating Division
Armco Steel Corporation.....Middletown, Ohio

Construction of Underpass and Approach on Nelbar Street
New York Central Railroad.....Middletown, Ohio

McGCon 2522

PARTIAL LIST OF PROJECTS

Design & Construction of Extension to Soaking Pit Building
Armco Steel Corporation.....Ashland, Kentucky

Construction of New Addition to Church
Church of the Ascension.....Middletown, Ohio

Construction of Hydrogen Peroxide Plant
Solvay Process Division.....Syracuse, New York

Installation of 6000 HP Motor
U. S. Steel Corporation — Irwin Works.....Dravosburg, Penna.

Construct Pump House and Foundation for Tank
Fisher Body Division.....Hamilton, Ohio

Construct Mill Scale and Water Clarification System
Armco Steel Corporation.....Middletown, Ohio

Erect New Chemical Engineering Lab & Trainwell Extension
Ford Motor Company.....Cincinnati, Ohio

Continuous Tank & 80" Raw Coil Pickling Tank at Irwin Works
United States Steel Corporation.....Dravosburg, Pennsylvania

Erection of No. 3 Turbo Blower
American Steel & Wire Division.....Cleveland, Ohio

Design & Construct Sintering Plant
Weirton Steel Company.....Weirton, West Virginia

Foundations & Installation of Uncoiler 36" Pickling Line
United States Steel Corporation.....Dravosburg, Pennsylvania

Nelbar Street Underpass at Middletown, Ohio
New York Central System.....Chicago, Illinois

Hydrogen Peroxide Plant
Solvay Process Division.....Syracuse, New York

Installation of 6000 HP Motor
United States Steel Corporation.....Dravosburg, Pennsylvania

Furnish & Install Pump House
Fisher Body Division.....Hamilton, Ohio

Radome Test Range Facility, WPAFB, Ohio
Corps of Engineers.....Louisville, Kentucky

Addition to No. 2 Open Hearth
Armco Steel Corporation.....Middletown, Ohio

Mechanical, Piping & Electrical Installation of Temper Pass Mill
Reeves Steel & Manufacturing Company.....Dover, Ohio

Relocate Wheel Works
Armco Steel Corporation.....Butler, Pennsylvania

New Plant at Napoleon, Ohio
Campbell Soup Company.....Camden, New Jersey

New Facilities at Warren, Ohio
Packard Electric Car Division.....Warren, Ohio

Design & Construction of New Plant
Woodall Industries, Inc.....Franklin, Ohio

New Clubhouse Facilities
Wildwood Golf Club.....Middletown, Ohio

New Facilities for Soda Ash (in Canada)
Brunner Mond Canada, Ltd.....Amherstburg, Ontario

New Manufacturing Building
Aeronca Manufacturing Corporation.....Middletown, Ohio

New Hot Strip Mill & Related Facilities
Armco Steel Corporation.....Butler, Pennsylvania

Design and Construct Hot Strip Mill Project
Armco Steel Corporation.....Middletown, Ohio

Design and Construct Sanitary Sewer System
Armco Steel Corporation.....Middletown, Ohio

Design Engineering for New Mill in Argentina
Armco International Corporation.....Middletown, Ohio

Engineering Services for Hot Mill
Quaker State Metals Company.....Lancaster, Pennsylvania

New Construction at Mutual Chemical Plant
Solvay Process Division.....Baltimore, Maryland

McGCon 2523

The operations of McGraw Construction Co., Inc., normally cover the following categories:

INDUSTRIAL CONSTRUCTION

- Steel Mills
- Chemical Plants
- Oil Cracking Plants
- Warehouses
- Factory Buildings
- Power Houses
- Aluminum Mills
- Machine Shops
- Refrigeration Plants

BUILDING CONSTRUCTION

- Office Buildings
- Barracks
- Housing Projects
- Institutional Buildings
- Hospitals

ENGINEERING CONSTRUCTION

- Airports and Facilities
- Roads and Highways
- Sewage Treatment Plants
- Water Filtration Plants
- Railroads and Facilities
- Piers and Docks

UNCLASSIFIED

- Installation of Heavy Production Machinery
- Electrical Power Distribution
- Process Piping
- Radio Towers

McGCon 2524

