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PURCHASING DIVISION
STATE OF WV

LIGO

ARCHITECTS

AMERICAN INSTITUTE OF ARCHITECTS

(7 2 4) 7 9 4 - 2 3 8 0

www.ligoarchitects.com

LIGOARCHITECTS@ZOOMINTERNET.NET

LIGO ARCHITECTS

P. O. BOX 698

SLIPPERY ROCK, PENNSYLVANIA 16057

TELEPHONE: (724) 794 - 2380

NEW YORK: (716) 769 - 7877

FACSIMILE: (724) 794 - 2390

EMAIL: LIGOARCHITECTS@ZOOMINTERNET.NET

30 March 2009

John Abbott
Div. Engineering & Facilities
Armory Board Section
1707 Coonskin Drive
Charleston, WV 25311

Dear Mr. Abbott:

Thank you again for the opportunity to provide a proposal for Architectural / Engineering Services to provide Construction Documents for three independent structures, which will house Senior Officers and will be owned by the West Virginia Army National Guard, located at Camp Dawson, Preston County, WV.

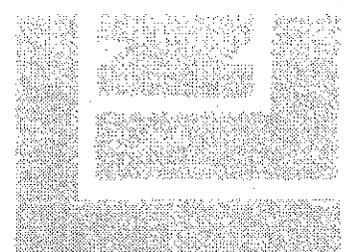
The Ligo firm is a small intense Architectural firm who has thirty years experience in providing long distance Architectural Services. Lee Ligo, founder of the firm, has National Council of Architectural Registration Boards registration, #16475 (NCARB) registration, which provides for reciprocal registration in other states. Using this approach, the firm has gained and maintained registration in New York, Ohio, North Carolina, South Carolina and Florida as well as Pennsylvania. The registration of the firm in West Virginia will follow the same approach, which has enabled the firm to provide Architectural Services in the aforementioned states as appropriate opportunities have presented themselves. A project was recently successfully completed on the island of Nevis in the Caribbean.

In a parallel career track, the firm principal, Lee Ligo has developed and operated residential rental property since 1962. Understanding how to control construction costs, as well as understanding how to provide low maintenance buildings with the resultant low operating costs is a skill not necessarily possessed by many Architects. The firm has designed and built residential facilities (hundreds) for many services that provide residential facilities for mentally challenged individuals across the state of Pennsylvania. Incidentally, Lee Ligo served in the Office of the Post Engineer at Fort Belvoir, VA, when on active military duty.

The firm is offering not only the expertise of a thirty-eight year, \$12,000,000 a year practice, but one which is complemented by the knowledge gained by managing residential property. The reader may be interested in visiting the firm's website, www.ligoarchitects.com for a more comprehensive review of the firm's work.

A sample of the proposal that would be applied to your project would be as follows: Note that a cost for each task is individually quoted and there are no reimbursable costs, except for printing of documents. We would suggest that travel in this case could be negotiated on an as needed basis, per trip at a predetermined unit cost.

We do utilize the work of consultants. Pedersen and Pedersen Inc. would provide our Civil Engineering work and Negley Design would provide design of HVAC, Plumbing and Electrical Systems. See attachments, images and resumes.



The following proposal identifies the different phases of our services:

The Conceptual Drawings are meant to represent to the client the Architect's interpretation of the needs presented to him by the Client. These first drawings are conceptual only and are not meant for interpretation by a builder for purposes of construction or final budgeting. Although drawn to approximate scale and appropriately representing recommended materials, etc., there is a definite additional requirement for dimensioning, identification of materials manufacturer's model numbers (such as windows, roof pitches, structural requirements, etc.), all of which are to be included in the Construction Document phase.

We have also found that the fine tuning and adjustments suggested by both the Client and the Architect after the review of the Preliminary Drawings often result in some need for adjustments to be included when the Construction Documents are initiated. The Construction Document phase is also the time when the final structural requirements are identified and incorporated into the final concept of the project.

Our experience has shown that the Architect's involvement during the Construction Phase can often be the difference between success and failure of a project. Our involvement during construction involves time on our part and therefore increased fees which are often the deciding factor in the Client's decision not to involve us during construction. It is human nature that the Client assumes their perfect building is on the drawings. Even the finest most experienced contractor can unintentionally misinterpret the intent or even the content of the drawings. We have also had the experience of observing the results when a contractor, without informing the Client, has intentionally changed details that may not have been realized to be important because we were not there to intervene when the change or misinterpretation was installed. Also, if improper changes are made early in a project, later irresolvable situations do arise.

Should you as the Client elect not to retain us for scheduled Contract Observation Administration, we can not be responsible for any work omitted, improperly installed, errors in interpreting or departing from the intent of drawings, etc. For instance, checking of shop drawings is of extreme importance to ensure materials are as specified and intended.

Following is our proposal:

- | | |
|---|-----------|
| 1. Initial Site Visit and Programming (two meetings) | No Charge |
| 2. Preliminary Floor Plan | \$ _____ |
| 3. Site Drawings, Grading Plan, Storm Water Design | \$ _____ |
| 4. Municipal Meeting | \$ _____ |
| 5. Conceptual Floor Plans and Two Exterior Elevations (one meeting) | \$ _____ |

The above Proposal does not include the following:

- Proposal can include Topographical / Survey, Owners option
- Printing of Drawings at \$ _____
- Presentation Board at \$ _____
- 8½" x 11" Specification sheets at per page \$ _____
- Over-night fees, if necessary
- Proposal can include Soil Testing / Analysis / Special Footing Design, Owners option
- Access to public Sanitary, Storm and Municipal Water Negotiation
- Plan Review, Building Permit, and Inspection Fees.
- Special Selection / Specification of Office Furniture
- Special Selection of Interior Finishes, Plumbing Fixtures, Paint Colors, Carpet, Tile, etc.
- Municipal Meetings based on per trip cost of \$ _____
- Proposal can include Storm Water Design, Owners option

Following are our standard hourly rates if necessary and required by Owner for services not included in above proposal: These extra costs, representing extra tasks must be requested and approved by the Owner.

Principal Architect	\$ _____ / hour
Associate Architect	\$ _____ / hour
Senior Architectural Technician	\$ _____ / hour
Mechanical / Electrical / Plumbing / Structural Consultant	\$ _____ / hour
Architectural Technician	\$ _____ / hour

Please note all of our supporting staff salary costs: clerical, mileage, postage, telephone, etc. are pro-rated across the hourly rate of staff and consultants. Our only reimbursable expense is printing; hence at first glance our hourly rates may appear to be high.

We maintain professional liability insurance. The policy coverage limits are \$2,000,000 aggregate / \$1,000,000 per claim and our professional liability exposure on this project will be limited to the amount of our fee. Complete or partial services are billed monthly with payment requested within fifteen (15) days of receipt.

N. Lee Ligo will be the contact person. The fax number is (724) 794-2390.

Again, thank you for this opportunity. If you have any questions about the above fee schedule, please call to discuss. Awaiting your reply.

Sincerely,



N. Lee Ligo, AIA
Registered Architect

NLL/lm

Accepted by: _____

Date: _____

N. LEE LIGO, AIA

500 Bretkur Lane

Slippery Rock, Pennsylvania 16057

PROFESSIONAL INFORMATION

BACHELOR OF ARCHITECTURE: Carnegie Institute of Technology - 1960
College of Fine Arts

PROFESSIONAL REGISTRATION:

Pennsylvania	#RA 00473-X
Ohio	#A-76-5680
Florida	#AR 0006913
New York	#022789
North Carolina	#7426
South Carolina	#6153
NCARB	#16475

ASSOCIATIONS:

Member and Past President:
Butler County Community Development Corporation
Member - Pennsylvania Society of Architects
Member - American Institute of Architects
Member - National Trust of Historic Presentation
Member - Butler Chamber of Commerce, Butler County
Member - Franklin Chamber of Commerce, Venango County
Member - Sewickley Chamber of Commerce, Allegheny County
Member - BOCA, International
Member - Masonic: Grove City Blue Lodge
New Castle Consistory

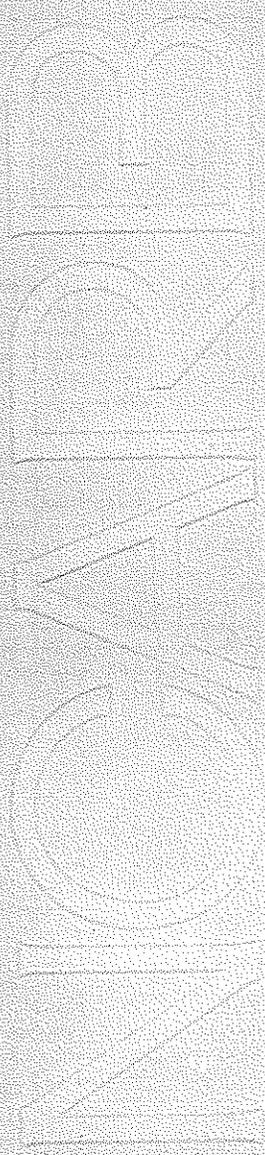
FIRM ORGANIZATION

ESTABLISHED: 1968

STAFF:

N. Lee Ligo, AIA, Slippery Rock, PA	Principal
Brett W Ligo, AIA, Butler, PA	Associate
Carl Gravatt, Mercer, PA	Sr Architectural Technician
Adam Fish, Boardman, OH	Production Coordinator Systems Administration
Jolan L. Smith, Grove City, PA	Office Manager
Lisa McGinnis, Sandy Lake, PA	Finance/Personnel

MINORITY PARTICIPATION: Ligo Architects employs four full-time males and two full-time females.



NATIONAL COUNCIL OF ARCHITECTURAL REGISTRATION BOARDS

N. Lee Ligo

Certifies that _____

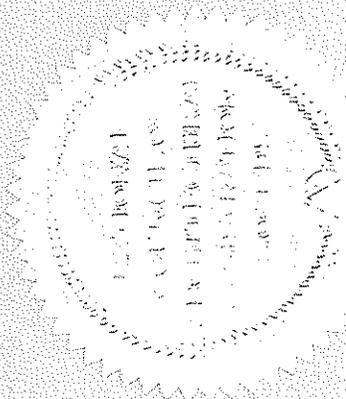
Has met all requirements
for Council Certification
and is therefore
recommended to all
Registration Authorities
for registration or license
as an architect. Given
under our hands and the
Seal of the Council,
subject to annual
renewal.

NUMBER
16,475

DATE
March 21, 1975

PRESIDENT
W. L. Bin

SECRETARY
Paul H. Gamm



BRETT W. LIGO, AIA

211 Edgewood Road

Butler, Pennsylvania 16001

POSITION: Associate

EDUCATION: Bachelor of Architecture - 1986
Carnegie-Mellon University

REGISTRATION: Pennsylvania #RA-012556-X

WORK EXPERIENCE:

Ligo Architects	1992 - Present
The Design Alliance	1989 - 1992
P.G. Smith Architects	1987 - 1989
Burt Hill Kosar Rittelman Architects	1986 - 1987

ASSOCIATE:

Services included Design, Contract Documentation, Contract Administration, and Construction Observation:

Armstrong Associates Federal Credit Union
Allegheny Valley School – Renovations to Group Homes
Allegheny Valley School Program Center
Farmer's National Bank
Galaxy Federal Credit Union
McGuire Memorial - New Activity Center
Meadville Area Federal Credit Union
Medical Offices in North Carolina
Napco Window Plant, Rt. 356
Orchard Manor – Addition and Renovations
The First National Bank of Slippery Rock - Operation Center and Branch Offices – (6) Branch Offices

SINGLE RESIDENCES:

Ben Avon Heights	Ligonier
Butler	Ponte Vedra Beach, Florida
Edgeworth	Sewickley Heights
Findley Lake, New York	Slippery Rock
Franklin	Wexford
Grove City	

HISTORIC RESTORATION:

City of Franklin Street Facades
DeBence Antique Music World
Former Fox Estate, Foxburg, Pennsylvania
Franklin Club Facade Renovation

INTERIOR DESIGN: Electralloy Corporate Office

CARL J. GRAVATT

334 North Pitt Street

Mercer, Pennsylvania 16137

POSITION: Senior Architectural Technician/Project Coordinator

EDUCATION: Butler County Community College

WORK EXPERIENCE: Ligo Architects 1992 - Present

PROJECT COORDINATOR:

Services included Design, Contract Documentation, Contract Administration, and Construction Observation:

Allegheny Valley School Corporate Center
Allegheny Valley School Group Homes - (18) Units
Armstrong Federal Credit Union
Farmer's National Bank
Galaxy Federal Credit Union
Medical Office Complex in North Carolina
NVP, Inc. Bonnie Drive
Napco Window Plant, Rt. 356
The First National Bank of Slippery Rock – (5) Branch Offices

SINGLE RESIDENCES: Ben Avon Heights
Butler
Edgeworth
Franklin
Grove City
Conneaut Lake
Nevis Island, Caribbean
Sewickley Heights
Slippery Rock

HISTORIC RESTORATION: City of Franklin Street Facades
DeBence Antique Music World
Farmers National Bank of Emlenton
Former Fox Estate, Foxburg, Pennsylvania
Franklin Club Facade Renovation

INTERIOR DESIGN: Electralloy Corporate Office

ADAM FISH

4138 Windsor Road

Boardman, Ohio 44512

POSITION: Production Coordinator/Systems Administrator

EDUCATION: Youngstown State University

WORK EXPERIENCE: Ligo Architects 2005 - Present

GRAPHICS DESIGN:
Production of artwork and layout of magazine advertisements,
flyers, posters and signage.
Image retouching and manipulation
Multi-page layouts and comps

MULTIMEDIA:
Interactive Design
HTML/CSS Coding (hand coding and various web applications)
CD/DVD Authoring
Video Editing
Computer Drafting / Authoring

SKILL SET:

Photoshop	Illustrator	InDesign	Maya
Dreamweaver	Fireworks	MS Office	Pagemaker
Flash			

RONALD L. NEGLEY, President N.D.I.

PROFESSIONAL EXPERIENCE

- 2002 to present President, Negley Design, Inc. Mechanical designer specializing in HVAC, Plumbing, Fire Protection, and Electrical Engineering.
- 2000 to 2002 Mechanical Designer for W.B.C. and Associates, Butler, Pa. Designed mechanical systems for Institutional, Commercial, and Industrial projects.
- 1996 to 2000 Mechanical Designer for Negley Design and Drafting Services, Gibsonia, Pa. Designed mechanical systems for institutional, Commercial, and Industrial projects.
- 1989 to 1996 Mechanical Designer for Rust Engineering, Pittsburgh, Pa. Designed mechanical systems for institutional, Commercial, and Industrial projects. Designed mechanical systems for the Department of Energy in Pittsburgh and Idaho from 1992 to 1996.
- 1986 to 1989 Mechanical Designer for Burt, Hill, Kosar, and Rittlemann and associates, Butler, Pa. Designed mechanical systems for institutional, commercial, and industrial projects.
- 1978 to 1986 Mechanical Designer for Claitman Engineering and associates, Pittsburgh, Pa. Designed mechanical systems for institutional, commercial, and industrial projects.

EDUCATION

- 1975 to 1977 Butler County Community College, Butler, Pa. for Mechanical Design.
- 1977 to 1978 Connelley Skill Learning Center, Pittsburgh, Pa. One year Technical degree.

ORGANIZATIONS

- 1990 to Present Member of Ashrae (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. In charge of student activities 1994 to 1996.
- 1995 to Present Board Member, Mars Housing, (HUD) Mars, Pa

**NEGLEY DESIGN INC.
MARY E. LEWIS, P.E.**

PROFESSIONAL EXPERIENCE

September 2002 to Present

Engineer responsible for calculations, designs, and CAD drafting of HVAC, plumbing, fire protection, lighting, and electrical systems. Projects have included medical facilities, hotels, casinos, race track facilities, and parking lots.

January 1997 to September 2002

Self Employed: Designer responsible for calculations, designs, and CAD drafting of HVAC, plumbing, fire protection, lighting, and electrical systems. Projects have included medical facilities, professional offices, restaurants, retail facilities, warehouses, car dealerships, manufacturing facilities, jail and parking lots.

April 1992 to April 1994

Elwood S. Tower, Pittsburgh, PA: Electrical Designer, responsible for the design and drafting of electrical and illumination systems, preparing specifications and construction documents.

June 1990 to April 1992

WBC & Associates, Butler, PA: Electrical Designer, responsible for the design and drafting of electrical and illumination systems, preparing specifications and construction documents.

April 1988 to June 1990

NIRA Consulting Engineers, Coraopolis, PA: Electrical Designer, responsible for the design and drafting of electrical and illumination systems, preparing specifications and construction documents.

January 1987 to May 1990

LaRoche College, Pittsburgh, PA: Adjunct Faculty member, responsible for teaching lighting design to junior year Interior Design students.

May 1987 to February 1988

Gipson Engineering Company: Electrical Designer, responsible for the design and drafting of electrical and illumination systems, preparing specifications and construction documents.

May 1984 to December 1986

Shooshanian Engineering Associates, Inc., Boston, MA: Electrical Designer, responsible for the design and drafting of electrical and illumination systems, preparing specifications and construction documents.

EDUCATION

The Pennsylvania State University: Bachelor of Architectural Engineering May 1984

The University of Leeds, Leeds, England: Exchange program from PSU, March to June 1983.

PROFESSIONAL REGISTRATION

Professional Engineer: Registered in Pennsylvania

Kevin P. Heberle, PE

Project Manager

Years Experience: 22

Active Registrations: Professional Engineer: Pennsylvania, West Virginia, Arizona, & New Mexico
Certified Bridge Safety Inspector by PennDOT & the National Highway Administration

Education: Pennsylvania State University—B.S., Structural Design and Construction Engineering
Pennsylvania College of Technology—A.S., Building Construction Technology

Experience & Qualifications:

Mr. Heberle has a wide range of experience on civil/municipal engineering projects. He has been Chief City Engineer, Director of Public Works, and Senior Project Manager for projects including civil/site design of commercial and industrial developments; sewer and water line design; stormwater system management and erosion and sedimentation control design; conceptual site identification and coordination plans; cost estimations and construction specifications; hydrologic analysis of drainage areas; design of water quality infiltration trenches, dry wells and infiltration basins; and wetland mitigation. Other primary areas of focus include street improvements, traffic control and signalization; bridge rehabilitation; regional landfill capacity expansion and environmental compliance; and storage and distribution improvements and airport improvements.

Representative Experience:

Butler Memorial Hospital Expansion Project **Project Manager**
Butler, Pennsylvania

Project manager for the new 150,000 sf surgical tower and inpatient facility at Butler Memorial Hospital. Responsible for cost estimating; project coordination; topographic surveys; landscape design; design for relocation of the water main extension, line relocation, and fire hydrant relocations; and preparation of: demolition plan for the Nixon Building, site development plan, consolidation plan, erosion and sediment control plan, stormwater management plan, site grading plan, site utility specifications, and construction technical specifications.

Lot 9 **Project Engineer**

The Highlands, Ohio County, West Virginia
Site Plan and Grading Plan designs for three auto dealerships.

Various Structural Reviews

- Aliquippa Street Townhouses—Pittsburgh, PA. Design/review of precast concrete wall panels to accommodate necessary caisson spacing and bearing capacity.
- Schumacher Homes of Greensburg, Inc. Structural review of new building plans.
- Meridian Building & Design, Inc. Foundation review.
- Buffalo Township (Butler County) VFD Station. Structural review for fire station expansion.
- Private Residence. Structural inspection of house foundation.

Consultant Municipal Engineer

2006—2007

Various boroughs and townships in the greater Pittsburgh, PA area. Attended regular borough and township night meetings; performed site feasibility studies for various commercial developments; prepared cost estimates and proposals for design and construction of infrastructure improvement projects; reviewed traffic signal warrant studies and safety improvement studies conducted in association with commercial improvement projects; investigated and applied for joint municipal stormwater/wastewater separation project funding grants; and performed stormwater management studies and erosion and sedimentation control plan reviews to assure compliance with approved drawings and specifications and in accordance with county soil conservation district and PA DEP standards.

Honeybrook, Chester County Borough Engineer

2005—2006

Reviewed subdivision and land development plans for compliance with municipal SALDO and Stormwater Management Ordinances; prepared plans and specifications for infrastructure improvements such as road reconstruction, stormwater systems, drainage channels, street widening, turning lanes, parking lots, and erosion and sedimentation control plans.

Director of Public Works

Showlow, Arizona

2003—2005

Responsible for the completion of construction of approximately \$2.5 million worth of City funded infrastructure improvements annually, including water, wastewater, street, and drainage improvements, plus improvements at the Regional Airport. Oversaw the preparation of the City's Stormwater Management Plan and Comprehensive Wastewater Master Plan. Prepared bid advertisements and bid specifications, conducted bid openings, recommended contract award to City Council, oversaw construction inspections of contractor's work, and reviewed pay requests.

Chief City Engineer

Alamogordo, New Mexico

1999—2003

Primary areas of focus included street improvements, traffic control and signalization, bridge rehabilitation, dam maintenance, drainage improvements and flood control, regional landfill capacity expansion and environmental compliance, and water supply development. Performed structural inspections of bridges, and prepared drawings and specifications for repair of the city-owned bridges.

Project Engineer—Site Development Department

1986—1995

Engineered residential subdivision and commercial site development projects in southern Arizona, including Development Plans, Site, Grading, Drainage, Roadway, Utility, Sewer, Septic System, Demolition, and Paving plans. Obtained applicable City, County, ADEQ, and ADOT approvals and permits. Designed stormwater management systems, retaining walls, and several bridges.

LIGO ARCHITECTS RESIDENTIAL PROJECTS

Campus Side Apartments - Slippery Rock, PA
Oil City Campus - Clarion University, Oil City, PA
Apartment Building - West Mifflin Housing Authority
Assisted Living Unit - Orchard Manor, Grove City, PA
Guest Quarters - Pittsburgh Presbytery, Camp Crestfield
Typical Group Home - Allegheny Valley School
 Mentally Challenged individuals
 Approximately 100 units across Pennsylvania
Corporate Offices - Allegheny Valley School
Large Selection of Private Residences in PA, NY and FL

NEGLEY DESIGN PROJECTS IN WV

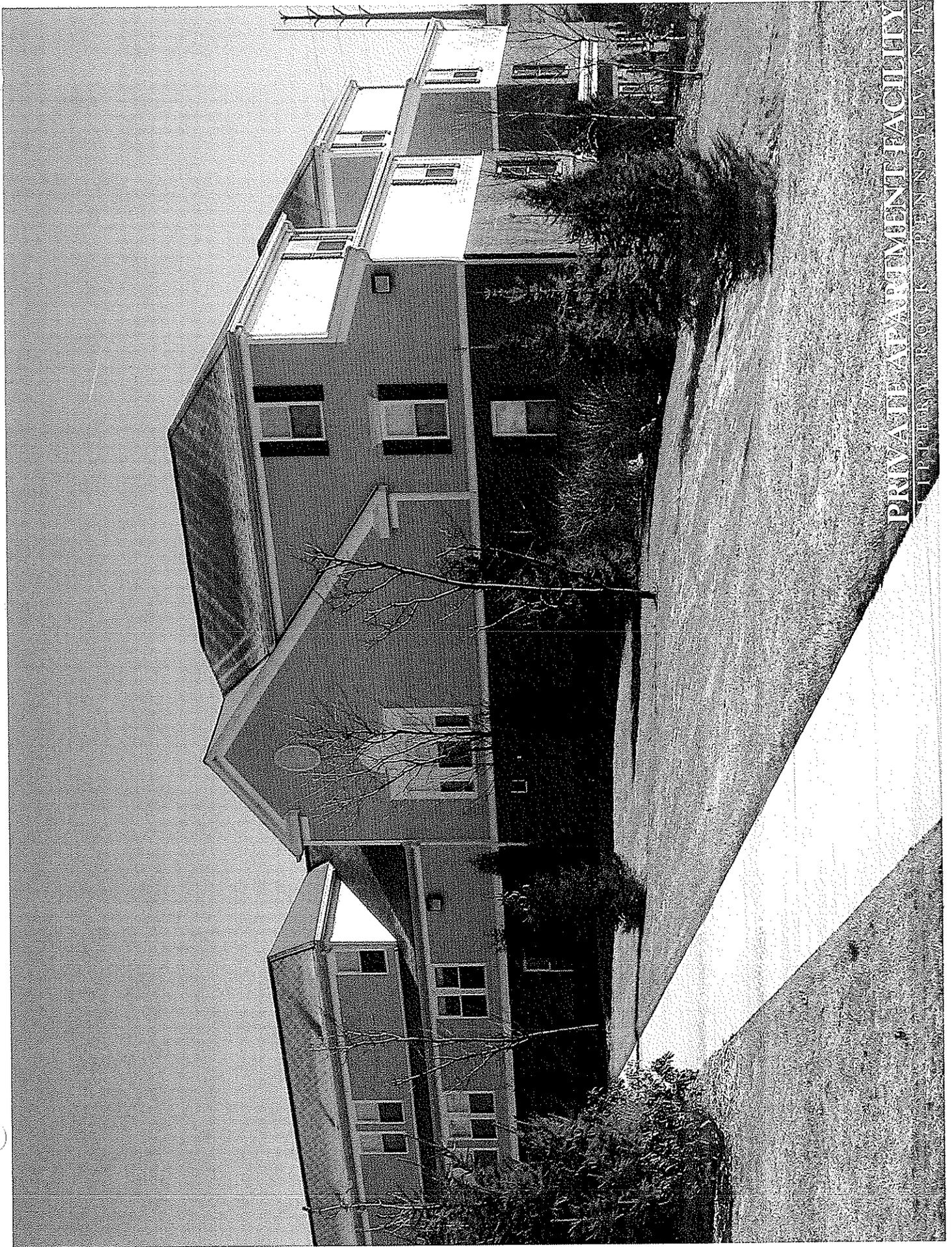
HVAC - Mountain View Hotel, Chester, WV
MRI Suite – Monongalia Hospital, Morgantown, WV

PEDERSEN AND PEDERSEN INC. PROJECT IN WV

The Highlands – Site Development, Wheeling, WV



PRIVATE FACILITY
PITTSBURGH, PENNSYLVANIA



PRIVATE APARTMENT FACILITY
LIPPERY ROCK, PENNSYLVANIA

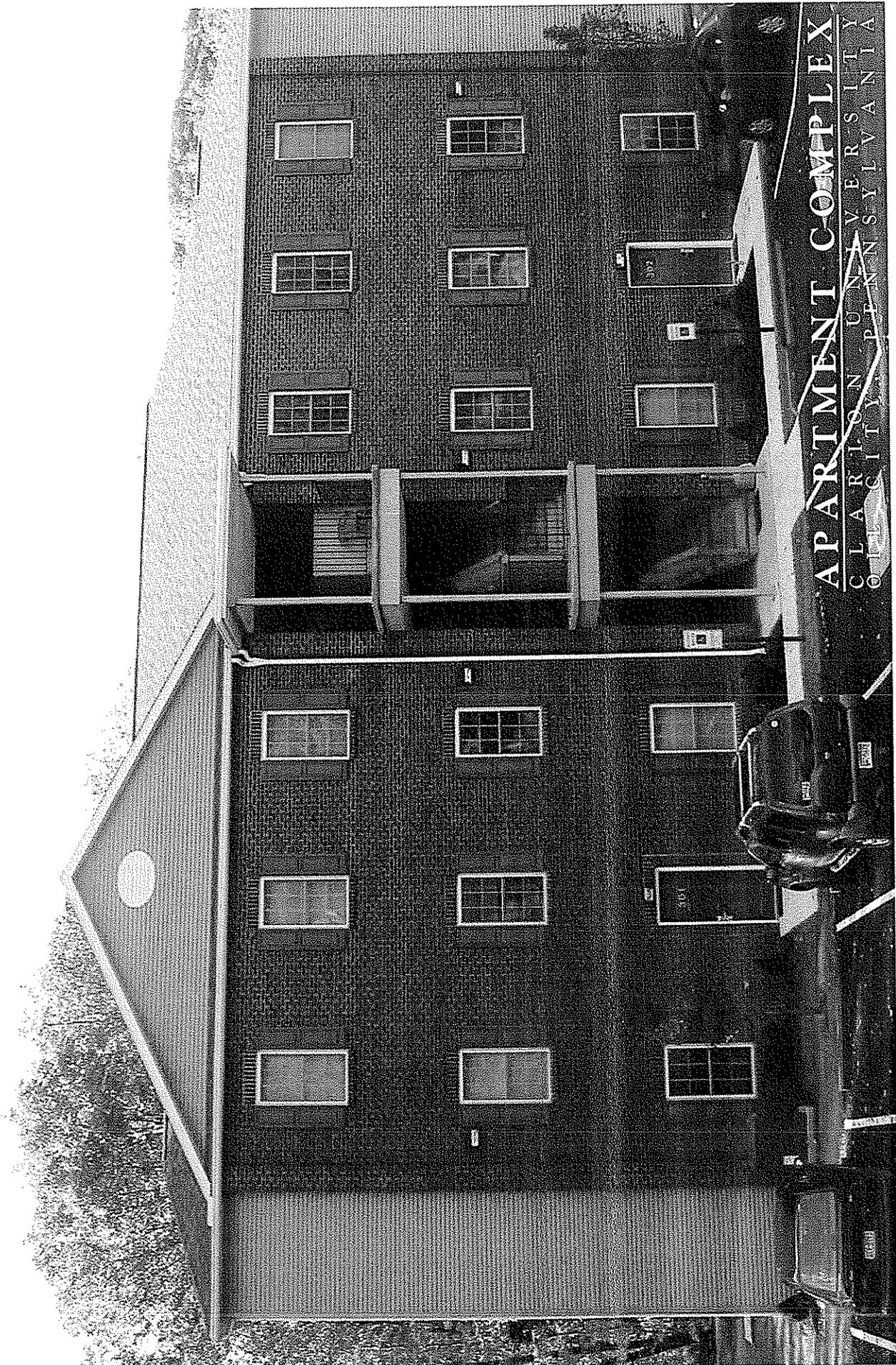


PRIVATE APARTMENT FACILITY
SLIPPERY ROCK, PENNSYLVANIA

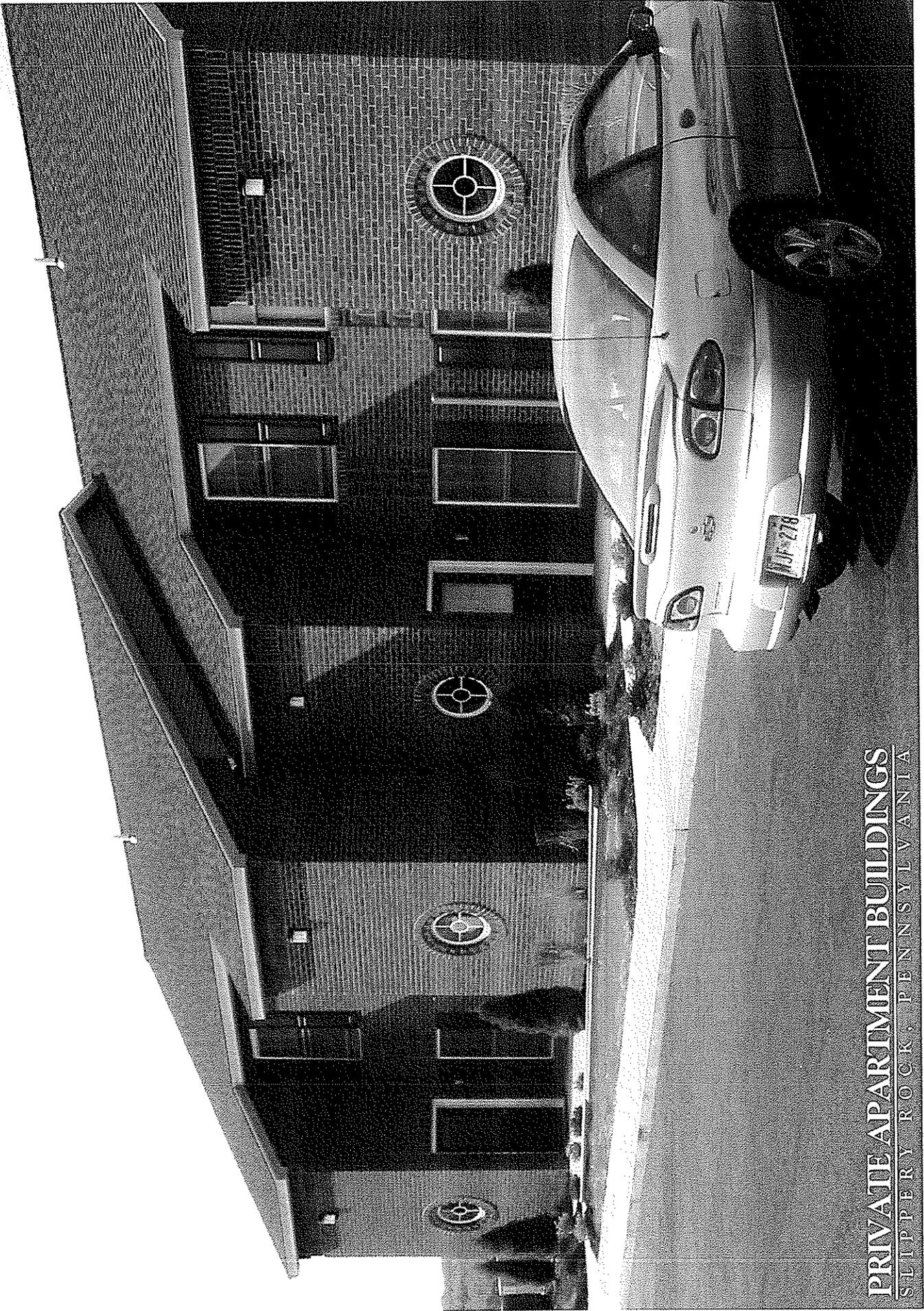


APARTMENT COMPLEX

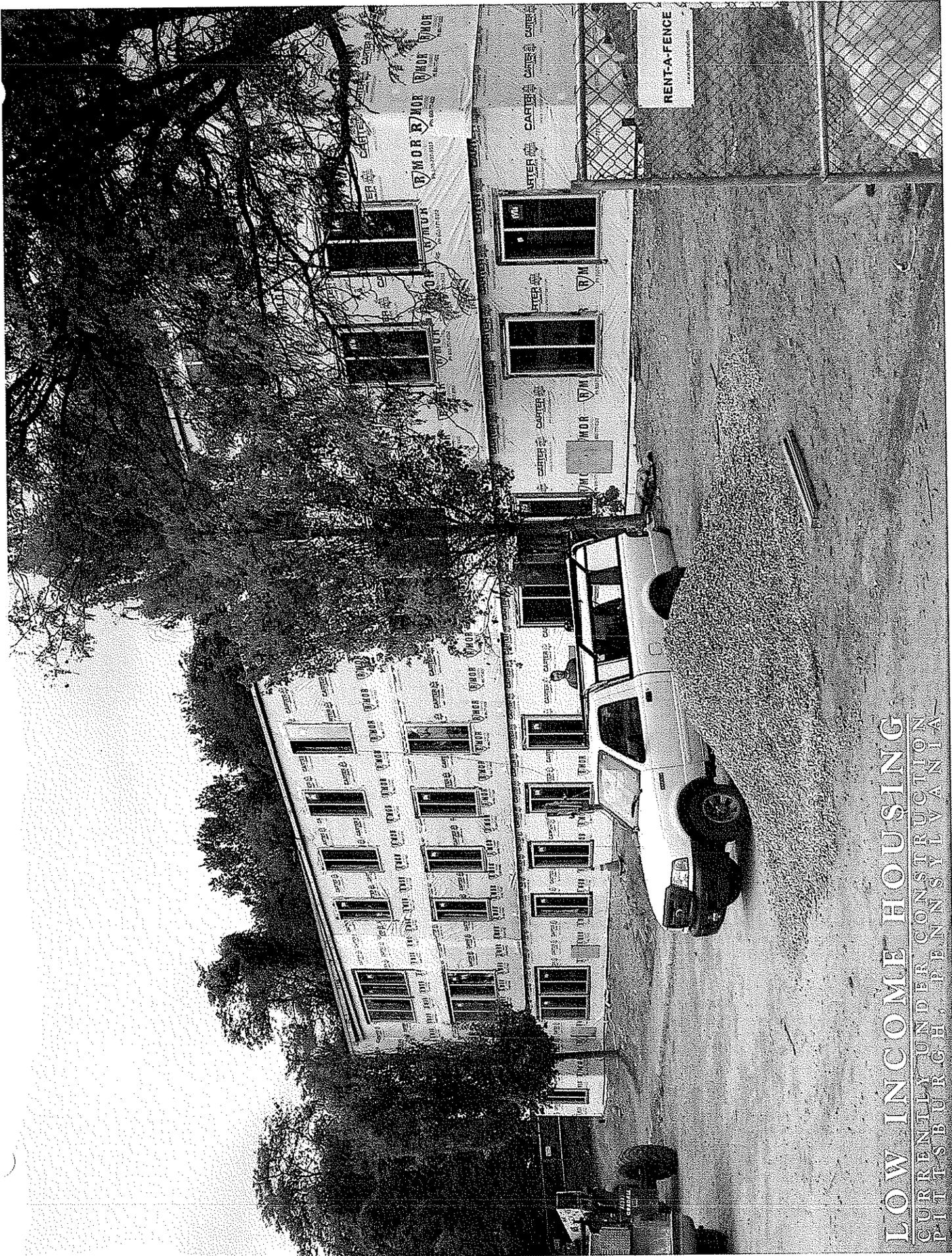
CLARION UNIVERSITY
CITY, PENNSYLVANIA



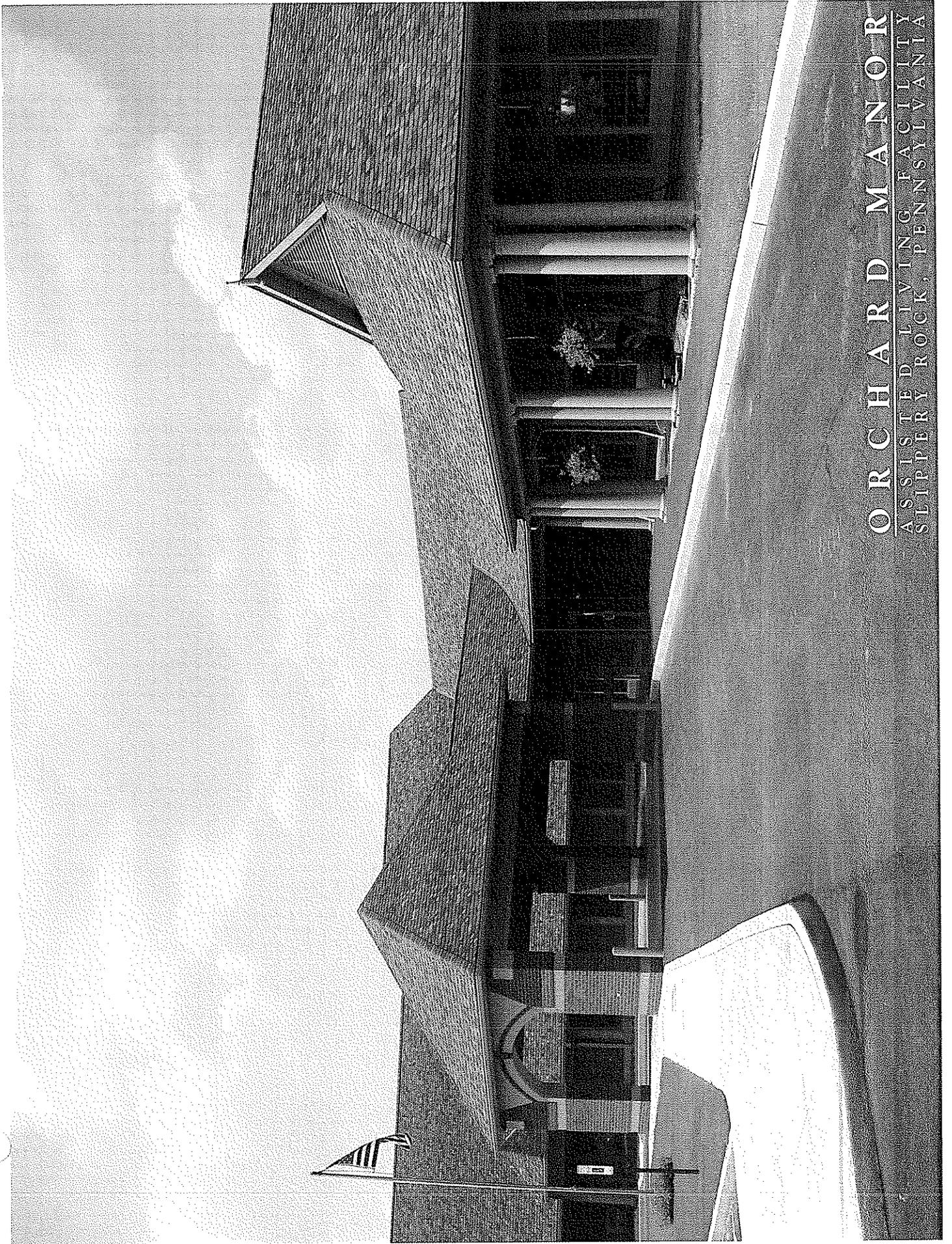
APARTMENT COMPLEX
CLARLON UNIVERSITY
CITY OF PENNSYLVANIA



PRIVATE APARTMENT BUILDINGS
SLIPPERY ROCK, PENNSYLVANIA

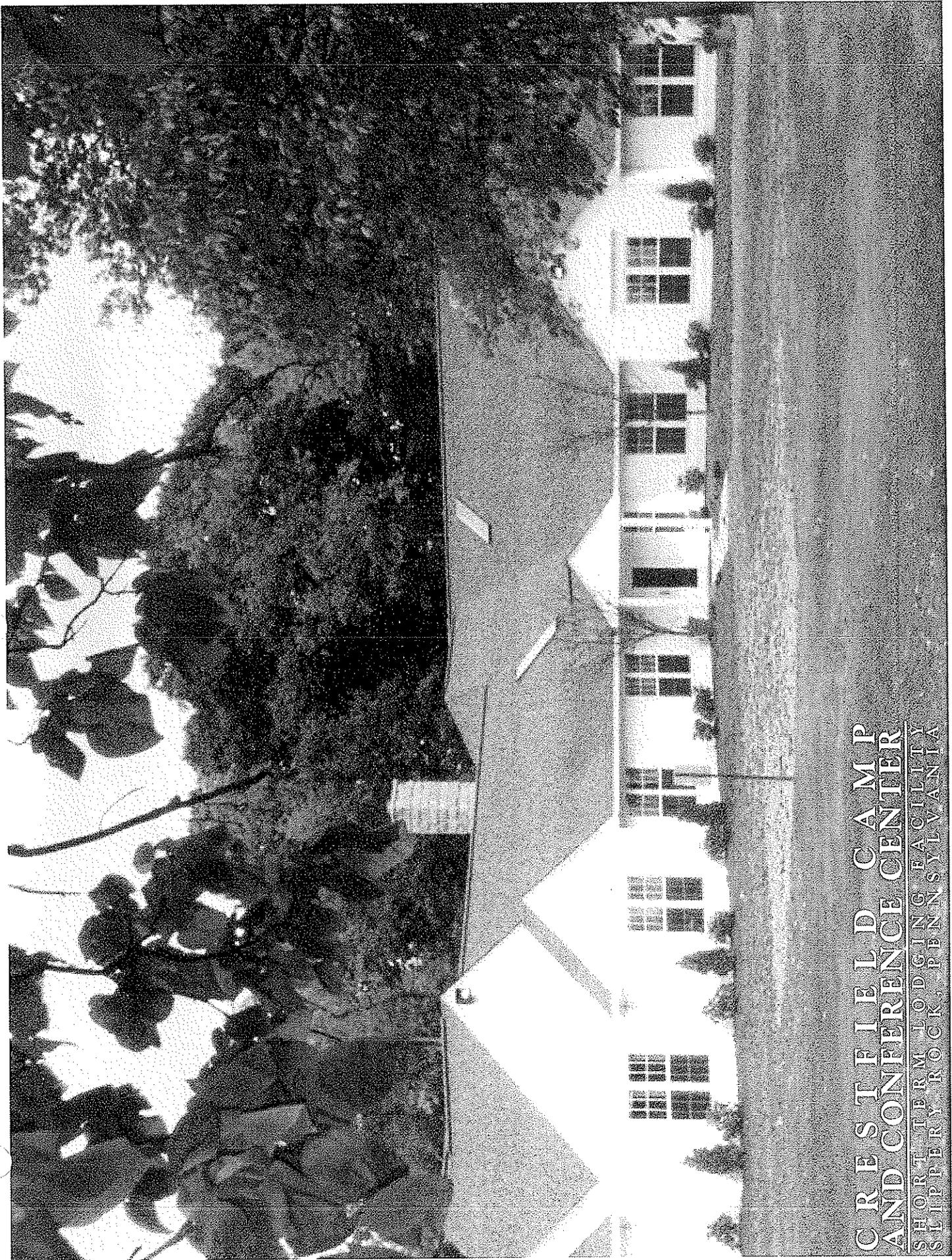


LOW INCOME HOUSING
CURRENTLY UNDER CONSTRUCTION
PITTSBURGH, PENNSYLVANIA

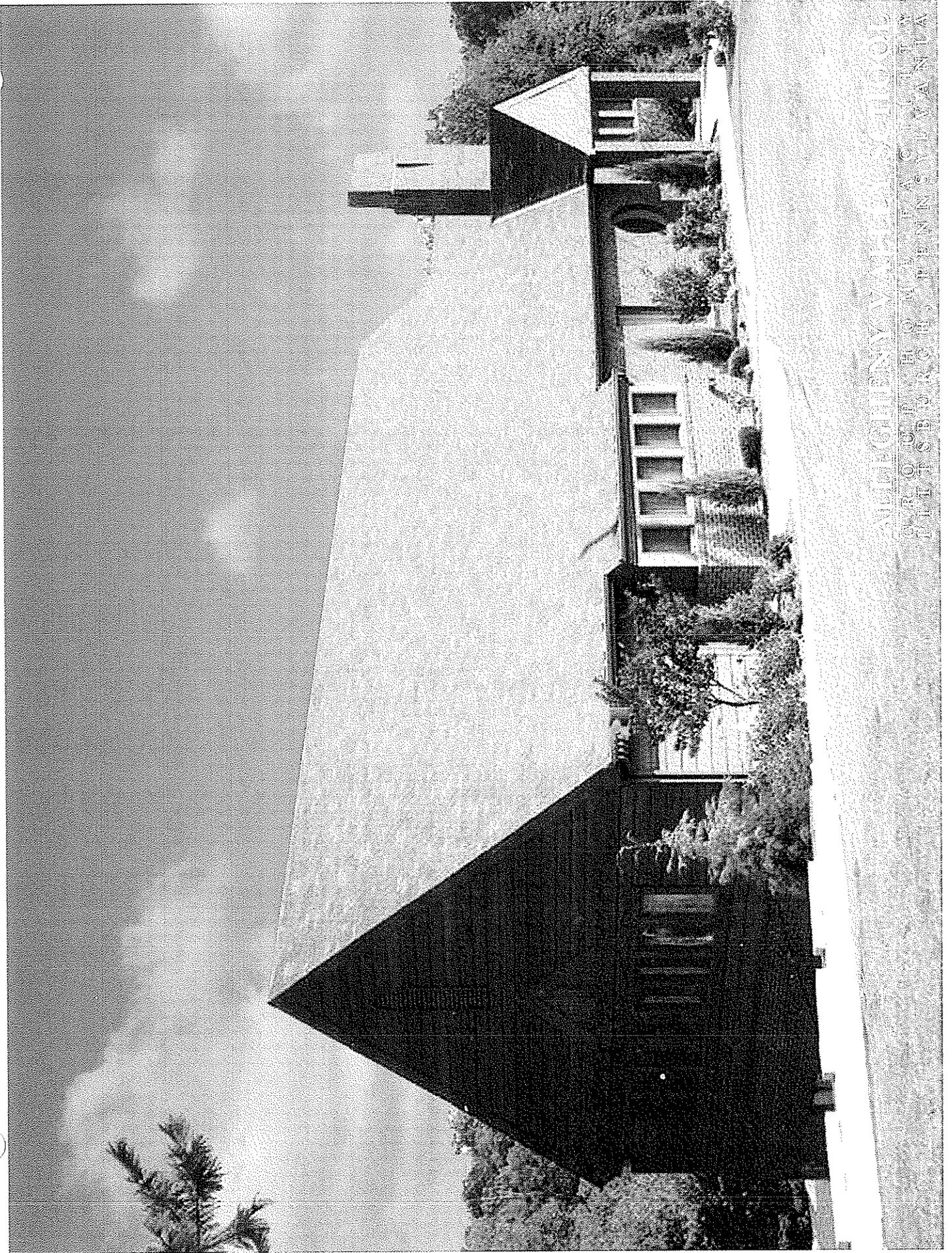


ORCHARD MANOR

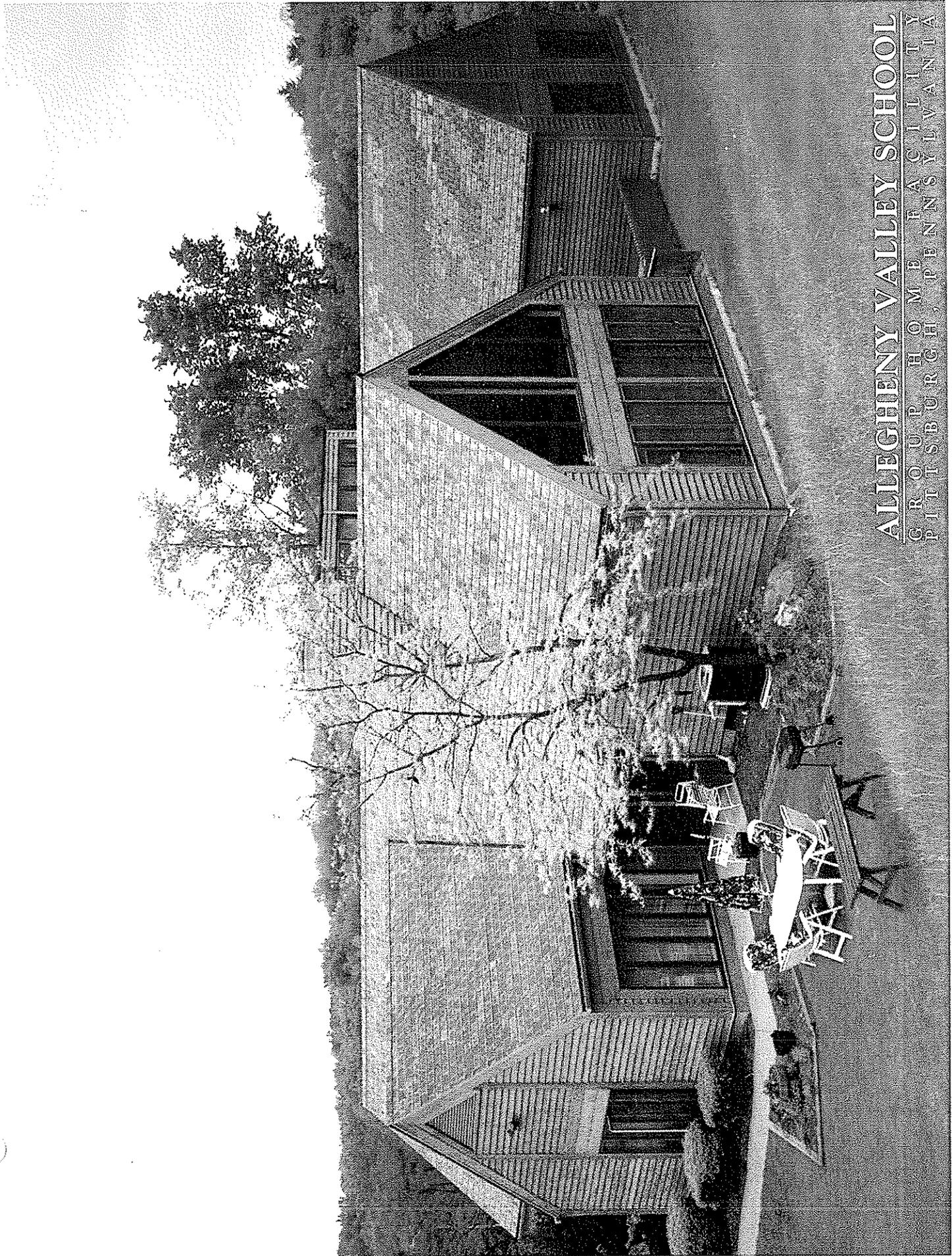
ASSISTED LIVING FACILITY
SLIPPERY ROCK, PENNSYLVANIA



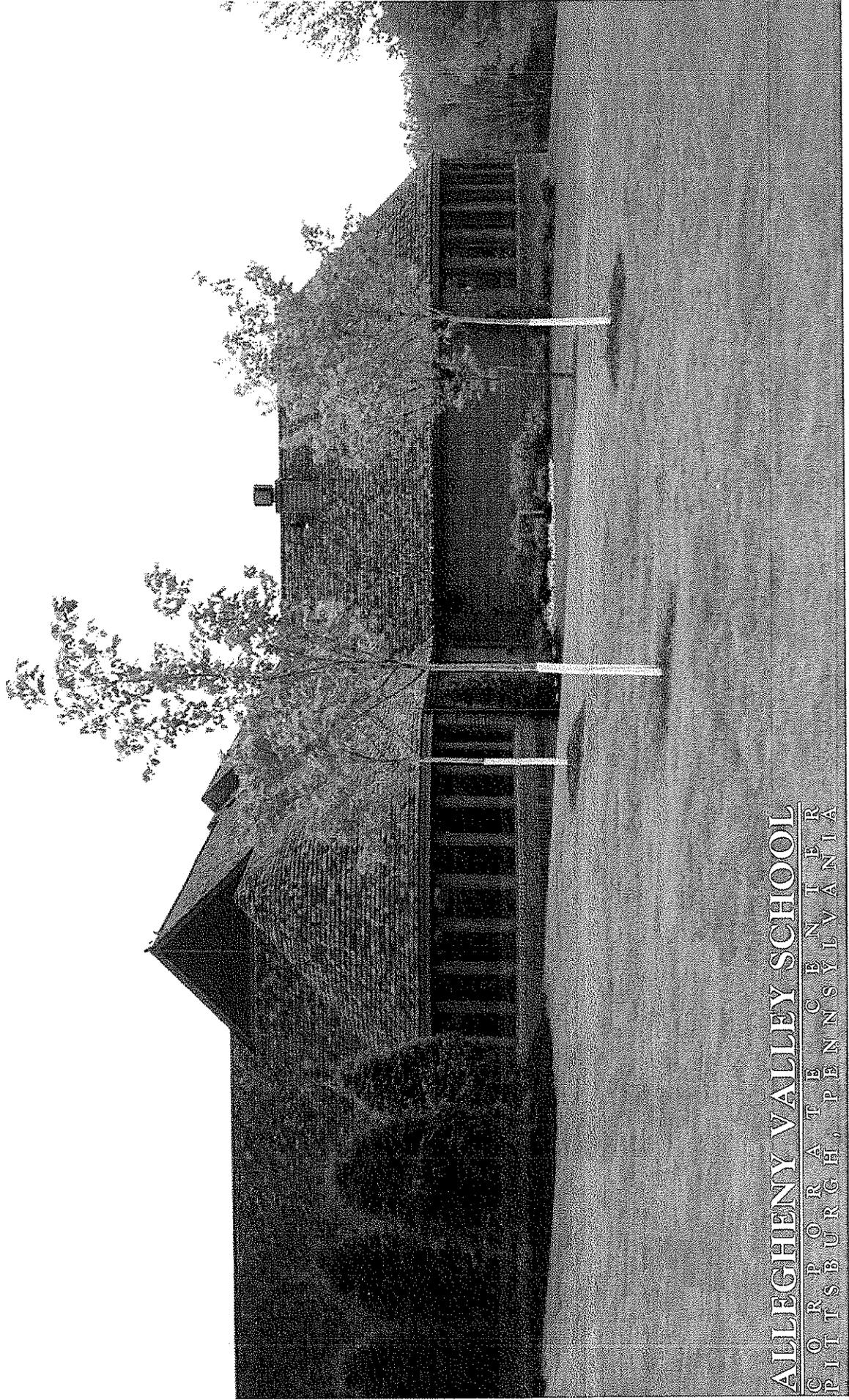
CRESTFIELD CAMP
AND CONFERENCE CENTER
SHORT TERM LODGING FACILITY
SLIPPERY ROCK, PENNSYLVANIA



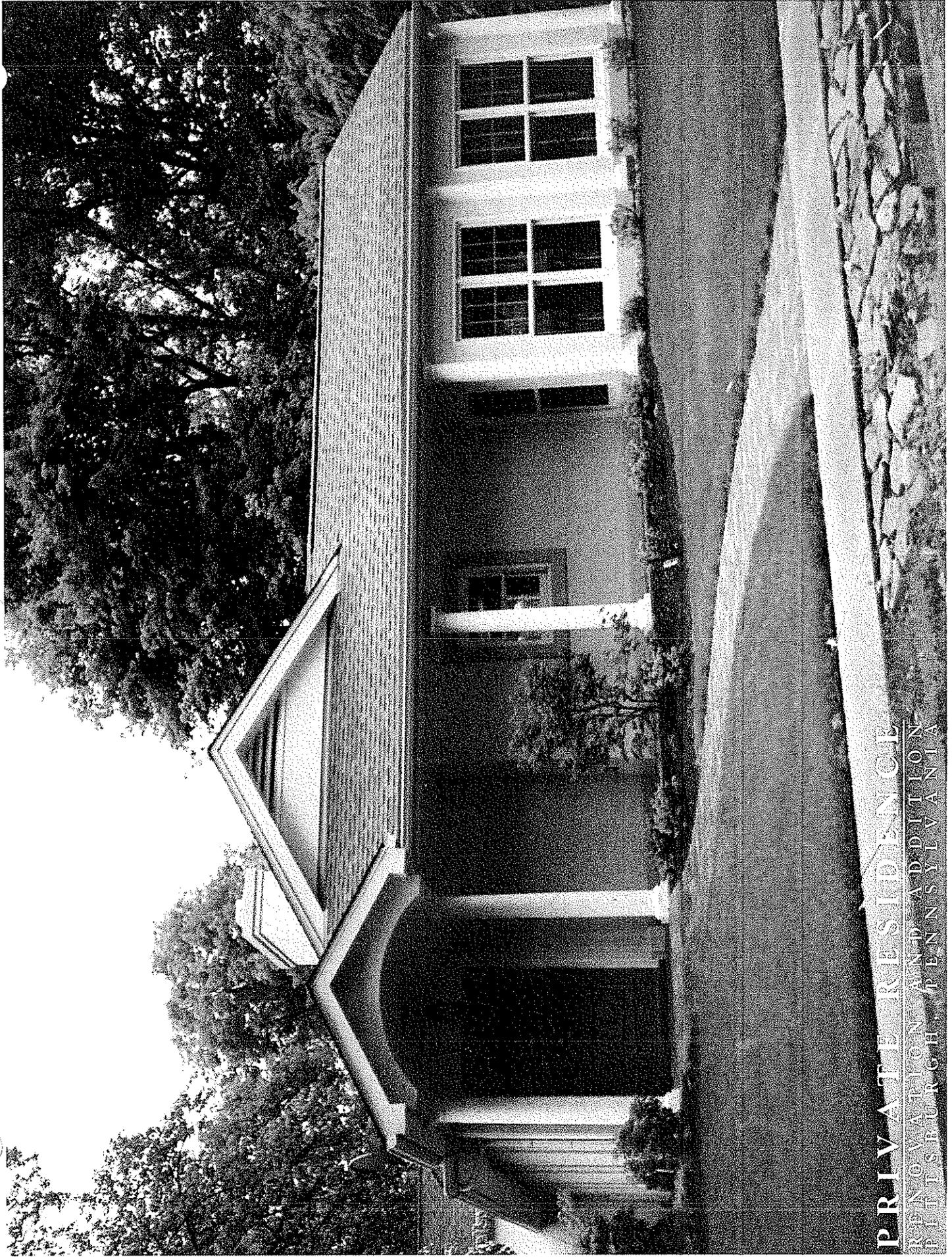
ALLEGHENY VALLEY SCHOOL
DISTRICT OF PENNSYLVANIA



ALLEGHENY VALLEY SCHOOL
CROUPE HOME FACILITY
PITTSBURGH, PENNSYLVANIA



ALLEGHENY VALLEY SCHOOL
C O R P O R A T E C E N T E R
P I T T S B U R G H , P E N N S Y L V A N I A



PRIVATE RESIDENCE
PITTSBURGH AND ADDITION
PITTSBURGH, PENNSYLVANIA