

Notes on Scope and Arrangement

With the approval of the editor, requests for the omission of names of a few members have been respected. Entries for A.I.A. members who have not replied to requests for biographical data for this edition, are marked by an asterisk. Two line entries, without an asterisk, have been included for new members of The Institute who have joined too late to obtain biographical entries. Since inclusion in the Directory is one of the privileges of A.I.A. membership, biographies of some former members are regretfully missing as are those of non-members who have not replied to requests for information.

In general, the biographical content of the Third Edition follows the same pattern established for the Second. The questionnaires from which the information was transcribed were designed to obtain data in the same sequence in which they would be entered in the biographies. Initial abbreviations have been avoided except for the few more easily recognized as such. To achieve accuracy in naming colleges and universities, societies, and various professional organizations, standard reference books have been consulted and followed.

On the first line of biographies, full names of members are followed by the initials "AIA" and the year of joining; if a Fellow also, "FAIA" and the year of advancement. Emeritus or Life Member status is in-

dicated by "E" and "Life Mem.", respectively. The architect's Chapter Membership completes the first line. The second line starts with the Firm Symbol (+) when the biographee is the principal of a single principal firm. Its absence indicates that the architect is a partner, legal principal or employee of a multi-principal firm, the name of which is the first item in this line. The home address completes the first three lines.

Items of information follow the same order in all biographies: place and date of birth, education with scholastic honors, postgraduate scholarships or fellowships, and honorary degrees; previous partnerships or positions held as a principal; the name of the present firm in which the biographee is either a principal or employee, or, if not an architectural firm, the name of the organization and position held. Then follows a list of states in which the architect is registered to practice; NCARB certification and engineering license. The "types of work" listing has been discontinued in this edition, and the examples of the architect's principal works completed through 1970 has been confined to a total of five. Following these, a list of five national or international professional honors and awards is entered. Then follow: educational activities and positions held in professional schools of architecture or other institutions, as administrators or teachers

on various academic levels; past and present service on public commissions or committees, or key civic activities; military or civilian service in federal, state, or foreign governments; publications as author, co-author, editor, contributor, illustrator or translator; memberships in domestic or foreign academies or societies; and finally, A.I.A. activities as a Chapter or State Association officer, memberships and chairmanships of Institute Committees, Regional Directorships and offices held in The Institute.

Separate Architectural Firm Listings for multi-principal firms are integrated with biographical sketches in the alphabetical sequence. The name of the firm is given in the first line of the entry, and the Firm Symbol (†) appears in the second line before the address of the firm, followed by the names of all partners and legal principals. Where partners or princi-

pals are other than architects, their professions are identified by initials such as CE (if a civil engineer). Since this directory is devoted to architects, no indication such as RA or letters indicating membership in any professional society are used for architects or architectural engineers. Multi-principal firms that failed to provide information on the separate forms for architectural firm listing, are marked with an asterisk.

Despite our efforts to obtain complete data on architectural firms, the names of some principals are missing. The accuracy of such listings as well as biographical data are the responsibility of the principals and biographees concerned. The editorial office has used its best effort to include material submitted but has no legal responsibility for accidental omissions or errors.

Abbreviations

Acad — Academic, Academy
 ACSA — Association of Collegiate
 Schools of Architecture
 Activ — Activities
 Addn — Addition
 Adjust — Adjustment
 Adm — Admiral
 Admin — Administration, Administra-
 tive
 Administr — Administrator(s)
 Adv — Adviser, Advisory
 Advert — Advertising
 AEC — Atomic Energy Commission
 A.E.D — Artium Elegantium Doctor
 AFB — Air Force Base
 Agr — Agricultural, Agriculture
 AIA — American Institute of Architects
 Ala — Alabama
 Alta — Alberta
 Am — America, American
 Ann — Annual
 App — Appointed
 Apt(s) — Apartment(s)
 Arbit — Arbitration
 Arch — Architectural, Architecture
 Archaeol — Archaeological, Archae-
 ology
 Archit(s) — Architect(s)
 Arg — Argentina
 Ariz — Arizona
 Ark — Arkansas
 Asn — Association
 Assoc(s) — Associate(s), Associated
 Asst — Assistant
 Aug — August
 Auth — Author, Authority
 Ave — Avenue

b — born
 B.C — British Columbia
 Bd — Board
 BD — Building Designer
 Belg — Belgium
 Biol — Biological, Biology

Bldg — Building
 Blvd — Boulevard
 Bor — Borough
 Br — Branch
 Brig — Brigadier
 Brit — British
 Bros — Brothers
 Bur — Bureau
 Bus — Business
 B.W.I — British West Indies

c — circa
 Calif — California
 Can — Canada, Canadian
 Cand — Candidate
 Capt — Captain
 Cath — Catholic
 C. of C — Chamber of Commerce
 CE — Civil Engineer
 Cent — Central
 Cert — Certificate, Certified
 Chap — Chapter
 Chem — Chemical, Chemistry
 Chemother — Chemotherapy
 Chmn — Chairman
 Clin(s) — Clinic(s), Clinical
 Cmn — Commission
 Cmnr — Commissioner
 Cmt — Committee
 Co — Company, Companies, County,
 Counties
 Co-auth — Co-author
 Col — College, Colonel
 Colo — Colorado
 Comdr — Commander
 Commun — Community
 Comput — Computer, Computing
 Conf — Conference
 Cong — Congress, Congressional
 Conn — Connecticut
 Conserv — Conservation
 Consol — Consolidated, Consolidation
 Construct — Construction
 Consult — Consultant, Consulting

Contemp — Contemporary
 Contrib — Contributor
 Conv — Convention
 Coop — Cooperative
 Coord — Coordination, Coordinator
 Corp — Corporate, Corporation
 Corps Eng — Corps of Engineers
 Corresp — Correspondent, Correspond-
 ing
 Coun — Council
 CSI — Construction Specifications
 Institute
 Ct — Court
 Ctr — Center
 C.Z — Canal Zone
 Czech — Czechoslovakia

dba — doing business as
 D.C — District of Columbia
 dec — deceased
 Dec — December
 Del — Delaware, Delegate
 Dent — Dental, Dentistry
 Dept — Department
 Desr — Designer
 Develop — Development
 Dict — Dictionary
 Diag — Diagnosis, Diagnostic
 Dipl — Diploma
 Dir(s) — Director(s)
 Dist — District
 Distrib — Distributed, Distributors,
 Distribution
 Div — Division
 Dorm — Dormitory
 Dr — Doctor, Drive

E — East, Emeritus
 East — Eastern
 Econ — Economic(s)
 Ed — Edition, Editor
 Educ — Education, Educational
 EE — Electrical Engineer
 Elec — Electric, Electrical

Elem — Elementary
 Emer — Emeritus
 Eng — Engineering, England
 Engr(s) — Engineer(s)
 Ens — Ensign
 Environ — Environment, Environmental
 Equip — Equipment
 Estab — Establishment
 Eval — Evaluation
 Evangel — Evangelical
 Eve — Evening
 Exam — Examination(s), Examiner(s), Examining
 Excel — Excellence
 Exec — Executive
 Exhib — Exhibition(s), Exhibit(s)
 Exped — Expedition
 Expos — Exposition
 Exten — Extension

 Facil — Facilities, Facility
 FAIA — Fellow American Institute of Architects
 Feb — February
 Fed — Federal
 Fedn — Federation
 Fel — Fellow(s), Fellowship
 FHA — Federal Housing Administration
 Fla — Florida
 FOA — Foreign Operations Administration
 For — Foreign
 Found — Foundation
 Ft — Fort

 Ga — Georgia
 Gen — General
 Geol — Geological, Geology
 Ger — Germany
 Gov — Governor
 Govt — Government, Governmental
 Grad — Graduate, Graduated
 Gt. Brit — Great Britain
 Gym — Gymnasium

 Hist — Historic, Historical, History
 Hon — Honorary
 Hons — Honors
 Hosp — Hospital
 Hq — Headquarters
 Hts — Heights
 Hwy — Highway
 Hyg — Hygiene, Hygienic

 Ill — Illinois
 Illum — Illuminating, Illumination
 Illus — Illustrator
 Improv — Improvement
 Inc — Incorporated
 Ind — Indiana
 Indust — Industrial, Industry
 Inf — Infantry
 Info — Information
 Ins — Insurance
 Insp — Inspector
 Inst(s) — Institute(s), Institution
 Instr — Instructor(s)

Int — Interior, International
 Intel — Intelligence

 J — Journal
 Jan — January
 Jap — Japan, Japanese
 Jour — Journal
 Jr — Junior
 Juv — Juvenile

 Kans — Kansas
 Ky — Kentucky

 LA — Landscape Architect
 La — Louisiana
 Lab — Laboratories, Laboratory
 Lang — Language(s)
 Lectr — Lecturer
 Legis — Legislative, Legislature, Legislation
 L.I. — Long Island
 Libr — Library
 Lic — License(d)
 Lic. Eng — Licensed Engineer
 L/Sgt — Lance Sergeant
 Lt — Lieutenant
 Ltd — Limited

 Mach — Machine(s), Machinery
 Mag — Magazine
 Maj — Major
 Man — Manitoba
 Mar — March
 Mass — Massachusetts
 Mat — Materials
 Math — Mathematical, Mathematics
 Md — Maryland
 ME — Mechanical Engineer
 Mech — Mechanic(s), Mechanical
 Med — Medical, Medicine
 Mediter — Mediterranean
 Mem — Member, Memorial
 Ment — Mental
 Metrop — Metropolitan
 Mex — Mexican, Mexico
 Mfg — Manufacturing
 Mfr — Manufacturer(s)
 Mgr — Manager
 Mgt — Management
 Mich — Michigan
 Mid — Middle
 Mil — Military
 Minn — Minnesota
 Miss — Mississippi
 Mkt(s) — Market(s)
 Mo — Missouri
 Mod — Modern, Modular
 Mont — Montana
 M/Sgt — Master Sergeant
 Mt — Mount
 Munic — Municipal
 Mus — Museum

 N — North
 NAAB — National Architectural Accrediting Board
 NASA — National Aeronautics & Space Administration
 Nat — National

NATO — North American Treaty Organization
 Navig — Navigational
 N.B. — New Brunswick
 N.C. — North Carolina
 NCARB — National Council of Architectural Registration Boards
 N.Dak — North Dakota
 Neth — Netherlands
 Nev — Nevada
 Nfld — Newfoundland
 N.H. — New Hampshire
 N.J. — New Jersey
 N.Mex — New Mexico
 No — Number
 North — Northern
 Northeast — Northeastern
 Northwest — Northwestern
 Norweg — Norwegian(s)
 Nov — November
 Nr — Near
 N.S. — Nova Scotia
 N.Y. — New York
 N.Y.C. — New York City
 N.Z. — New Zealand

 Occas — Occasional
 Occup — Occupation, Occupational
 Oct — October
 Off — Office, Officer
 Okla — Oklahoma
 Ont — Ontario
 Oper(s) — Operation(s), Operational, Operative
 Ord — Ordnance
 Ore — Oregon
 Org — Organization, Organized

 Pa — Pennsylvania
 Pac — Pacific
 Partic — Participating
 PE — Professional Engineer
 P.E.I. — Prince Edward Island
 Perspect — Perspective
 Phila — Philadelphia
 Photog — Photographic, Photography
 Phys — Physical
 Pkwy — Parkway
 Pl — Place
 P.O. — Post Office
 Polytech — Polytechnic, Polytechnical
 P.Q. — Province of Quebec
 P.R. — Puerto Rico
 Prep — Preparatory
 Pres — President
 Presby — Presbyterian
 Preserv — Preservation
 Pres. Firm — Present Firm
 Pres. Occup — Present Occupation
 Prev. Firms — Previous Firms
 Prfnl — Professional
 Prin — Principal
 Prin. Wks — Principal Works
 Prod — Product(s), Production
 Prof — Professor
 Prog — Program, Programming
 Proj — Project
 Psychiat — Psychiatric, Psychiatry
 Pt — Point

Pub — Public
Publ — Publication(s), Published
Pvt — Private

Qm — Quartermaster
Quart — Quarterly

R — Retired
Radiol — Radiological, Radiology
R.A.F — Royal Air Force
RAIC — Royal Architectural Institute
of Canada
RBD — Registered Building Designer
RC — Roman Catholic
R.C.A.F — Royal Canadian Air Force
R.C.E — Royal Canadian Engineers
R.C.E.M.E — Royal Canadian Electrical
& Mechanical Engineers
R.C.N — Royal Canadian Navy
R.C.N.V.R — Royal Canadian Naval
Volunteer Reserve

Rd — Road
R.D — Rural Delivery
Recog — Recognition
Redevelop — Redevelopment
Reg — Register, Registered, Registration
Registr — Registrar(s)
Rehab — Rehabilitation
Relig — Religion, Religious
Rels — Relations
Rep — Representative
Res — Reserves, Residence, Residential
Ret — Retired
R.I — Rhode Island
RIBA — Royal Institute of British
Architects
Rm — Room
R.N — Royal Navy
R.R — Railroad, Rural Route
Rt — Route
Rwy — Railway

S — South
Sanit — Sanitary, Sanitation
Sask — Saskatchewan
S.C — South Carolina
Scand — Scandinavian
Sch(s) — School(s)
Scholar — Scholarship
Sci — Science, Scientific
S.Dak — South Dakota

SE — Structural Engineer
Sect — Section
Secy — Secretary
Sem — Seminary
Sept — September
Serv — Service
Sgt — Sergeant
S.I — Staten Island
Soc — Social, Society
South — Southern
Southeast — Southeastern
Southwest — Southwestern
Spec — Special
Specif — Specification(s)
Sq — Square
Sr — Senior
S/Sgt — Staff Sergeant
St — Saint, Street
Sta — Station
Stand — Standard(s)
Struct — Structure(s), Structural
Stud — Student(s)
Sub-Lt — Sub-Lieutenant
Subsid — Subsidiaries, Subsidiary
Subsist — Subsistence
Suc — Successor
Supermkt — Supermarket
Supt — Superintendent
Supv — Supervising, Supervision
Supvr — Supervisor
Supvry — Supervisory
Surg — Surgeons, Surgical, Surgery
Surv — Survey(s), Surveyor(s)
Swed — Sweden, Swedish
Switz — Switzerland
Syst(s) — System(s)

Tech — Technician, Technical
Technol — Technological, Technology
Tel — Telegraph, Telephone
Tenn — Tennessee
Terr — Terrace
Tex — Texas
Theol — Theological, Theology
Transl — Translator
Transp — Transportation
Treas — Treasurer
T/Sgt — Technical Sergeant
TV — Television
Twp — Township

U.K — United Kingdom
UN — United Nations

UNESCO — United Nations Educational,
Scientific & Cultural Organization
Univ — Universal, Universities, University
U.S — United States
U.S.A — United States Army
U.S.A.A.F — United States Army Air
Force
U.S.A.F — United States Air Force
U.S.A.F.R — United States Air Force
Reserve
U.S.A.R — United States Army Reserve
U.S.C.G — United States Coast Guard
U.S.C. & G.S — United States Coast &
Geodetic Survey
U.S.M.C — United States Marine Corps
U.S.N — United States Navy
U.S.N.A.F — United States Naval Air
Force
U.S.N.A.F.R — United States Naval Air
Force Reserve
U.S.N.R — United States Naval Reserve

Va — Virginia
Vet — Veteran(s), Veterinary
V.I — Virgin Islands
Vis — Visiting
Voc — Vocational
Vol(s) — Volume(s)
V.Pres — Vice President
Vt — Vermont

W — West
W.A.C — Womans Army Corps
Wash — Washington
West — Western
W.I — West Indies
Wis — Wisconsin
W.Va — West Virginia
WW — World War
Wyo — Wyoming

YMCA — Young Men's Christian Association
YMHA — Young Men's Hebrew Association
Yr(s) — Year(s)
YWCA — Young Women's Christian Association
YWHA — Young Women's Hebrew Association

Zool — Zoological, Zoology