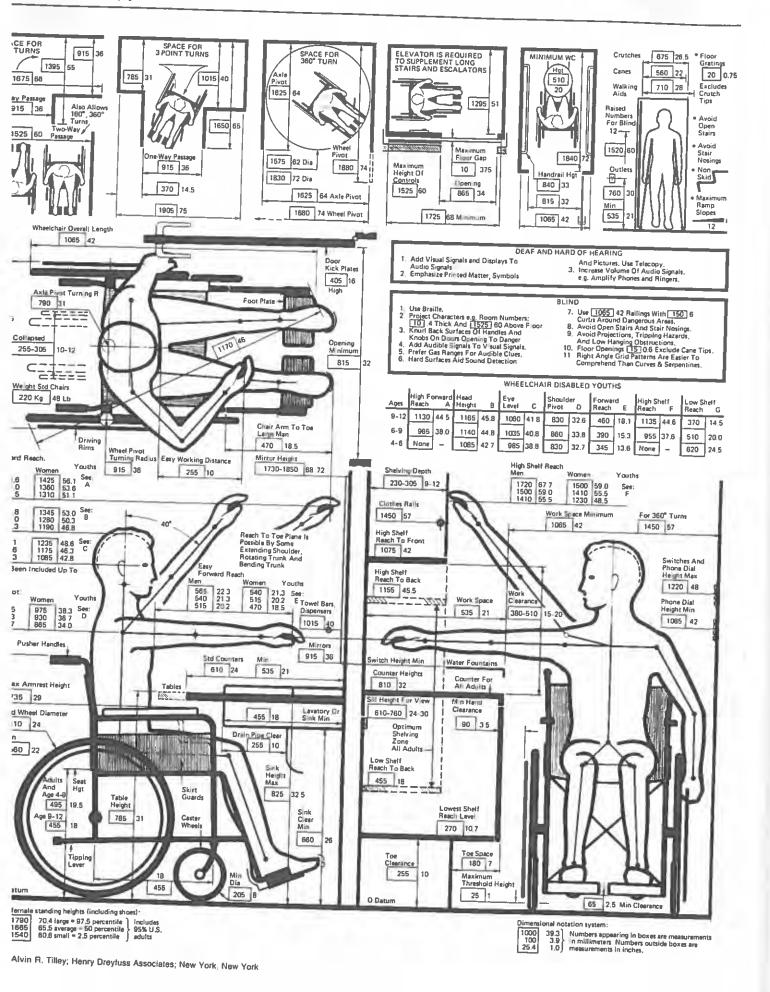


Niels Diffrient, Alvin R Tilley Henry Dreyluss Associates New York, New York



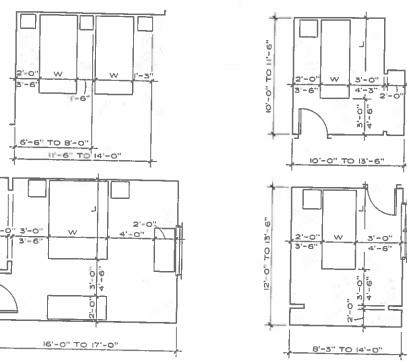
NE OF HANDRAIL LINE OF HANDRAIL (DMENSIONS SHOWN ARE FROM FRONT EDGE OF TREADS TO TOP OF HANDRAIL) (A) FLUSH RISER (B) ANGLED RISER (C) ROUNDED HANDRAIL 1. In areas of public access, the maximum riser of 7 ins. and minimum tread of 11 ins. is required for new stairs. See pages on concrete, steel, and wood stairs for ad-2. T-tread; R-riser. 3. Maximum height between landings is 12 ft. 4. Rule-of-thumb formula is: 2R + 1T = ≥ 24 in, ≤ 25 in, Typical stair: $2R \times 7$ in. $+ 1T \times 11$ in. = 25 in. 5. Exterior stairs generally are not as steep as interior stairs, for safety reasons. A general rule is 2R + 1T = 26 in. If riser is 6 ins., tread would be 14 ins. Minimum number of risers should be 3, for a minimum of 18 ins. change of level. 6. Ramped walks are preferred for less than 18 in. change of level. Maximum rise for any ramp is 30 in. 7. For rise of 3 ins , maximum ramp slope may be 1:8; up to 6 in. maximum rise is 1:10 for existing buildings or sites. All other ramps shall be not more than 1:12. Stepped ramps are not recommended for public use. 2-81/2 TREAD " MIN. TOE A TO B FOR GREATER ACCURACY USE THE FOLLOWING FORMULAS T= 20 - 4R , R = 15 - 3T MIN TREAD FOR LADDERS HANDICAPPED (ANSI) STEP LADOF MAX RISER FOR ASSEMBLY AND INSTITUTIONS (MOST CODES). RESIDENTIAL MAX . 8 8" CRITICAL ANGLE STAR I" INCREMENTS TO 2'-10" HANDRAILS RAMPS A NEW POR MAX RAMP (HANDICAPPED): 4°53' OR I IN 12 MAX., HANDRAIL HEIGHT AND RAMP INCLINE ARE GOVERNED BY LOCAL OR STATE CODES. CHECK LOCAL CODE.

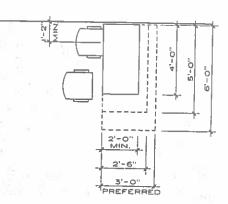
TREADS AND RISERS

Paul Vaughan, AIA, Charleston, West Virginia

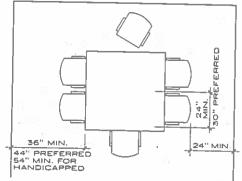
BED SIZES		
YPES	W	L
ING	72''	84"
UEEN	60"	82"
OUBLE	54''	82"
INGLE	3917	82"
AYBED	30''	75''
RIB	30''	53''

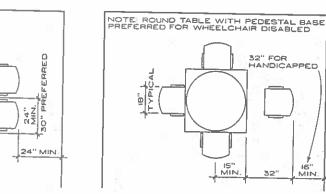






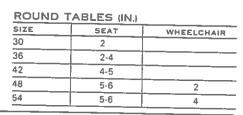
EDROOM FURNITURE



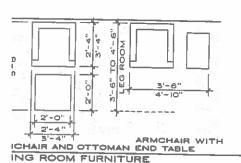


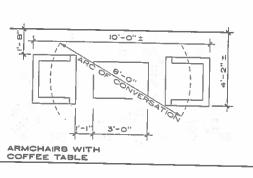
E	SEAT	WHEELCHAIR
x 48	4	
× 48	4	2
x 60	4.6	2-4
x 72	4-6	4-6
x 84	6-8	6

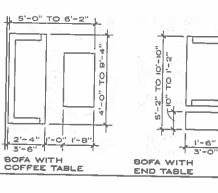
SIZE	TABLES (IN.	WHEELCHAIR
30 x 30	2	WHEELCHAIN
36 x 36	2-4	
42 x 42	4	2 (TIGHT)
48 × 48	4.8	2
54 x 54	4-8	4



JING ROOM FURNITURE

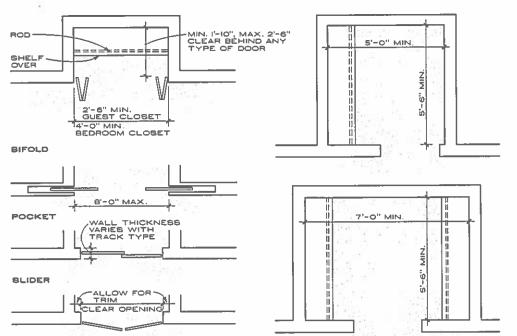






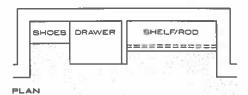
1 Andrew Roberts, AIA; Washington, D.C. r J. Pettorino, AIA, Hicksville, New York

RESIDENTIAL DESIGN



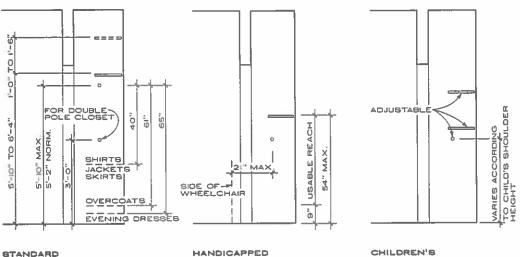
NOTE5

- 1. No closet bifold door should exceed a 2 ft panel. Largest door stock in pocket and sliding door is 4 ft.
- 2. All closet doors should allow easy access to top shelves.
- 3. Doors for children's closets can be used as tackboards, chalkboards, or mirrors.
- 4. Consider use of hinged doors for storage fittings and mirrors.
- 5. Walk-in closets should be properly ventilated and lit.
- 6. Provide clear floor space at least 30 by 48 in. for wheelchair approach. Pole and shelf height is 54" maximum for handicapped.
- 7. Percentage of accessibility of closets varies with door types used: Bifold at 66% min.; pocket at 100%; sliding at 50% or more; and hinged at 90% depending on hardware and door thickness.



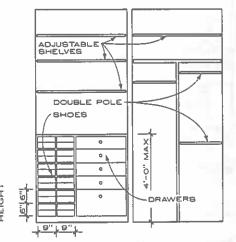
TYPICAL CLOSET PLANS

HINGED



WALK-IN

TYPICAL CLOSET SECTIONS



ELEVATION DIVIDED CLOSET

RESIDENTIAL STORAGE

SHELVING. Standard shelving sizes are 6, 8, 10, and 12 in., although shelving up to 18 in. deep is desirable for closet shelving. Shelving may be either fixed or adjustable.

DRAWERS. Typical drawers are from 16 to 24 in: deep, 12 to 36 in. wide, and 2 to 8 in. deep or deeper. Often built into casework, drawers may be of wood, metal, or molded plastic.

CLOSETS. Standard closet depth is 24 to 30 in. for clothing and 16 to 20 in. for linens.

BOXES. Closet storage fittings such as boxes and garment bags can be used for supplemental or seasonal

Robin Andrew Roberts, AtA; Washington, D.C. R. L. Speas, Jr.; Hugh N. Jacobsen, FAIA; Washington, D.C.

STORAGE REQUIREMENTS

BEDROOM. Allow 4 to 6 ft of hanging space per person. Allow 8 linear ft of hanging space for closets shared by 2 people. Allow 12 in. of hanging space for 6 suits, 12 shirts, 8 dresses, or 6 pairs of pants.

LINEN STORAGE. Place near bedrooms and bathrooms in a closet with 12 to 18 in. deep shelves. Supplemental storage in bins or baskets may be needed. Provide minimum 9 sq ft for 1-2 bedroom house; 12 sq ft for 3-4

BATHROOMS, A mirrored wall cabinet 4 to 6 in. deep is typical bathroom storage, supplemented by space for supplies of soap, toothpaste, and other toiletries.

COATS. A closet near an entry door for coats and rainwear is desirable in most areas of the country. Provide extra 2 to 3 in. in depth for air circulation and addec bulkiness of overcoats.

CLEANING EQUIPMENT. A closet at least 24 in. wide for storage of vacuum cleaners and household cleaning supplies is helpful. Locate closet near center of house and provide electrical outlet so vacuum can be lef-

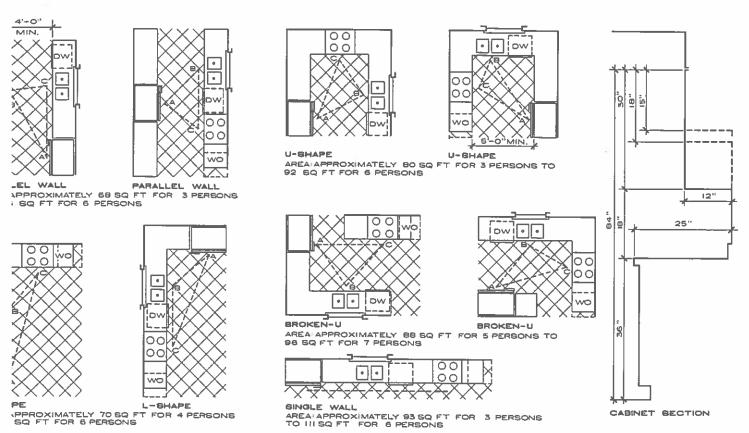
KITCHEN/DINING. See pages on kitchen planning to recommendations.

OTHER STORAGE. Most families have additional storage needs. For custom design work, these needs must be analyzed and storage planned. Storage rooms and attir and basement areas are possible supplemental storage

SESSECULAR SESSON

prage, and floor areas required for various food on functions. The location and order of both is and associated work surfaces should be de-

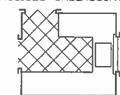
Storage: Minimum 18 sq ft of space for basic storage with an additional 6 sq ft/person served.



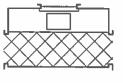
ENTIAL KITCHEN ARRANGEMENTS

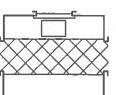
SMALL KITCHENS USUALLY HAVE UP TO 10 RUNNING FEET OF COUNTER AND EQUIPMENT. AVERAGE KITCHENS HAVE UP TO 20 RUNNING FEET OF THE SAME. USUAL EQUIPMENT INCLUDES UNDERCOUNTER REFRIGERATOR



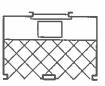




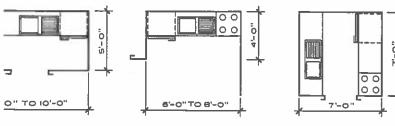




ABBREVIATIONS DW • DISHWASHER WO = WALL OVEN



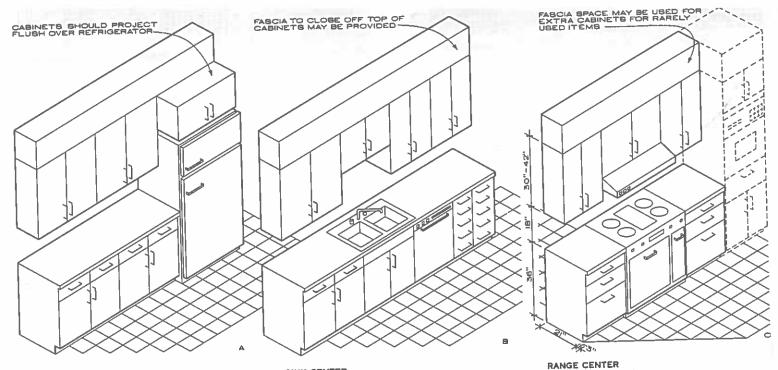
RY TYPES



IENETTES

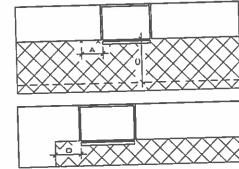
frew Roberts, AIA; Washington, D.C. e, Jr., AlA; Hugh N. Jacobsen, FAIA; Washington, D.C.

RESIDENTIAL DESIGN



REFRIGERATOR CENTER (Receiving and Food Preparation)

Provide storage for mixer and mixing bowls; other utensils; sifter, grater, salad molds, cake and ple tins, occasional dishes, condiments, staples, canned goods, brooms, and miscellaneous items.

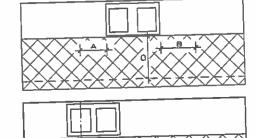


- A = 15 in. minimum counter space at latch side of refrigerator for loading and unloading.
- B = 18 in. minimum clearance between latch side of refrigerator and turn of counter.
- C = 40 to 42 in. clearance from face of refrigerator to wall or facing counter.

SINK CENTER

(Food Preparation, Cleaning, and Cleanup)

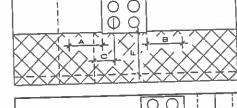
Provide storage for everyday dishes, glassware, pots and pans, cutlery, silver, pitchers and shakers, vegetable bins, linen, towel rack, wastebasket, cleaning materials and utensils, garbage can or disposal, and dishdrain. Some codes require louvers or other venting provisions in the doors under enclosed sinks.

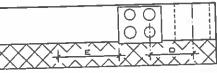


- A = 18 to 36 in. counter space on side of sink.
- B = 24 to 36 in. counter space on side of sink. Provide 24 in. counter space at either right or left if dish-
- washer is used. C = 14 in, minimum clearance between center of bowl and the turn of counter.
- D = 40 to 42 in. minimum clearance from face of sink to wall or facing counter.

(Cooking and Serving)

Provide storage for pots, potholders, frying pans, roaster, cooking utensils, grease container, seasoning, canned goods, breadbin, breadboard, toaster, plate warmer, platters, serving dishes, and trays.





- A, B = 18 to 24 in. counter space on either side of cooking facility.
- C = 14 in, minimum clearance between center of front unit and the turn of counter.
- D = 16 in, minimum clearance between center of front unit and nearest piece of high equipment or wall, or between center of wall oven and adjoining wall.
- E = 36 to 42 in. counter space between range and nearest piece of equipment.
- F = 40 to 42 in. clearance from face of range or oven to face of wall or facing counter.

CLEARANCES

KITCHENS FOR THE HANDICAPPED

The preferred cooktop and counter height is 30 to 33 in., but may be standard 36 in. Open floor space is necessary for wheelchair maneuverability; observe a 5 the interpretable and its Expecta standard flooring in the control of the country transfer and its Expectation of the country t minimum turning radius. Smooth, nonskid flooring is required. Indoor-outdoor carpet is preferred, but difficult to maintain in a kitchen. Linoleum or vinyl tile is acceptable. Knee space is necessary under sink counter. Insulate pipes to avoid scalding. Provide cooktop controls at Robin Andrew Roberts, AIA; Washington, D.C.

Arthur J. Pettorino, AIA; Hicksville, New York R. E. Powe, Jr., AIA; Hugh N. Jacobsen, FAIA; Washington, D.C.

front to avoid reaching across hot surfaces. Wall ovens should preferably be set so that top of open oven door is 2 ft 7 in. above floor. Side-by-side refrigerator-freezer is preferred, although units with freezer on bottom are acceptable. Dishwashers should be front-loading.

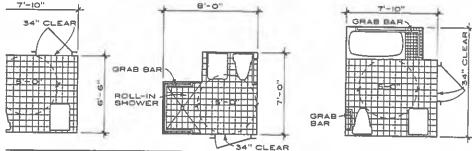
Round tables with pedestal bases are preferred. A 4 ft diameter will accommodate two wheelchair users; a 4 ft 5 in. diameter will accommodate four wheelchair users.

Storage considerations for the wheelchair disabled include use of pegboard for pots, pans, and utensils. Vertical drawers in base cabinets allow for storage of food that would otherwise be out of reach of wheelchair users. Narrow shelving mounted to the backs of doors in cabinets or closets provides accessible storage for food and

RESIDENTIAL DESIGN



-FIXTURE



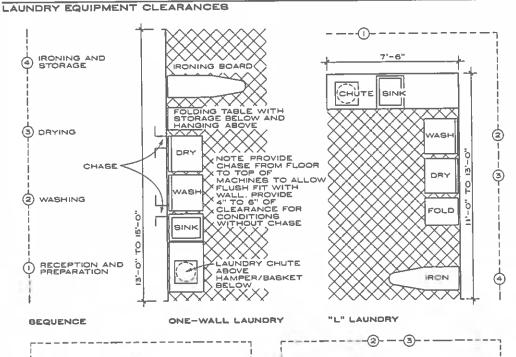
NOTES

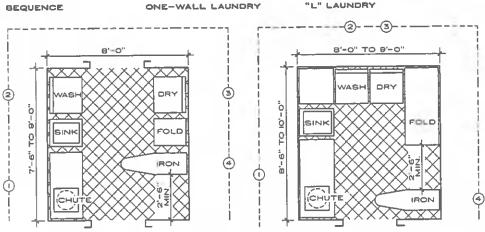
- Provide space for wheelchair maneuverability, observe 5 ft minimum radius.
- Additional space next to water closet will allow for side transfer from wheelchair.
- Provide knee space under sink, insulate pipes to avoid scalding.
- 4. Use grab bars around water closet and tub.
- Roll-in shower may replace tub and is more convenient for many wheelchair disabled.
- Bathroom door to be minimum 32 in. clear opening and to swing outward. Use lever hardware on both sides.

ANGEMENTS FOR THE WHEELCHAIR DISABLED

Andrew Roberts, AIA; Washington, D.C. J. Pettorino, AIA; Hicksville, New York

WASH DRY WASH DRY WASH DRY WASH DRY OR DRY OR OBSTACLE N S'-6" DRY EQUIPMENT CLEARANCES





"U" LAUNDRY

or twisting of the wrist.

of 29 in, with knee clearance below.

ward or side reach ranges. Controls shall be operable

with one hand and not require tight grasping, pinching,

For an accessible laundry area, provide storage for sup-

plies within high forward or side reach ranges and all

working surfaces at a comfortable seated work height

In apartment houses, locate laundry rooms in the base-

ment or on the ground floor of the building near neces-

sary mechanical equipment, piping, and ventilation.

APARTMENT HOUSE LAUNDRIES

PARALLEL LAUNDRIES
TYPICAL LAUNDRIES

LAUNDRIES FOR THE HANDICAPPED

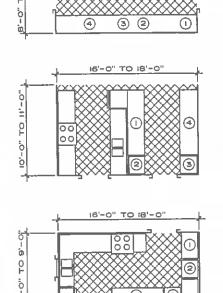
For the wheelchair disabled, having laundry facilities close to the kitchen combines several time-consuming activities with a minimum of movement from place to place.

The basic necessities for an accessible laundry facility are the following: front-loading automatic washer, dryer, storage shelving for supplies, lightweight steam iron, ironing board, and a surface for folding.

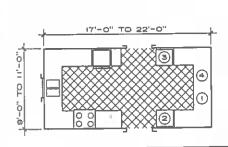
Laundry equipment controls are to be within high for-

caunary equipment controls are to be within high to

Robin Andrew Roberts, AIA; Washington, D.C. Arthur J. Pettorino, AIA; Hicksville, New York R. E. Powe, Jr., AIA; Hugh N. Jacobsen, FAIA, Washington, D.C.



16'-0" TO 18'-0"



LAUNDRIES WITH KITCHEN

Locate laundry rooms on grade, to provide surfaces to absorb vibrations from operation and to not disturb the apartment dwellers.

Provide convenient access from dwelling units to laundry room. Incorporate into the laundry room design folding tables and vending machines for soap, bleach, and other laundry powders.

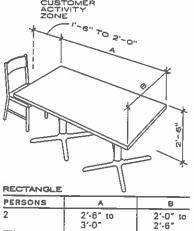
Provide the ability for visual inspection of the laundry room for the security of the users. Also, laundry rooms in large apartment buildings are public areas where apartment dwellers socialize and meet each other, so provide area to accommodate this necessary function.

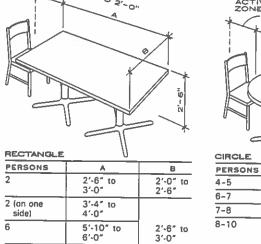
A OR B **GQUARE** PERSONS A OR B х 2'-0" to 2'-10" to 2'-6"

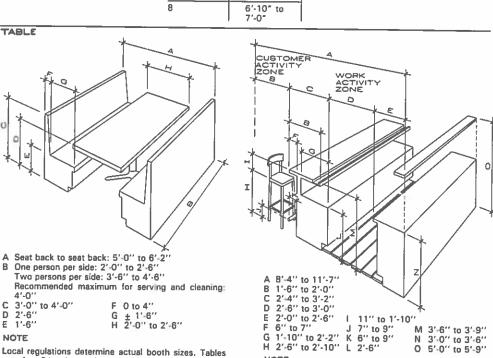
3'-6"

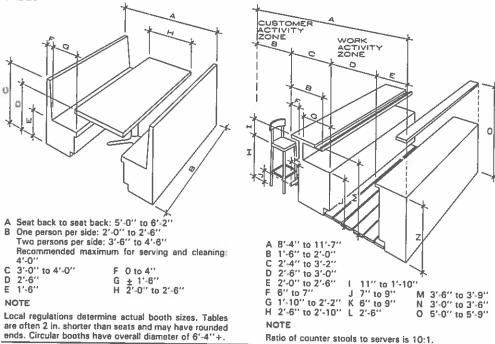
side)

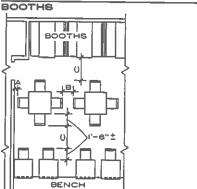
2'-6" to 3'-6" to 3'-0"

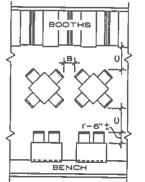


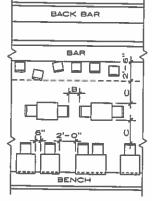












All dimensions are minimum clearances. Seating layouts show general configurations and are not intended to depict any specific type of operation. Tables may be converted from square to round to enlarge seating capacity. Booth seating makes effective use of corner space.

TYPICAL SEATING ARRANGEMENTS

Richard J. Vitullo; Washington Grove, Maryland Cini-Grissom Associates, Inc.; Food Service Consultants; Washington, D.C.

NOTES

CUSTOMER ACTIVITY ZONE

"-6" TO 2"-0"

- 4

1'-6" to 4'-0"

4'-6" to 5'-0"

5'-6" to 6'-4"

6'-0" to 7'-2"

A OR B

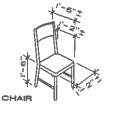
Round tables are usually recommended only for seating 5 persons or more.

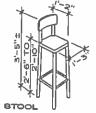
Dimension "A" depends on the perimeter (1'-10" to 2'-0" per person) necessary to seat required number. For cocktails, 1'-6" is sufficient.

Tables wider than 2 ft-6 in. will seat one at each end.

Minimum sizes are satisfactory for drink service: larger sizes for food. Tables with widespread bases are more practical than four-legged tables.

Tables and arrangements are affected by the type of operations and the style of service. The use of flaming trays, busing carts, high chairs for children, and handicapped access must be considered.





AVERAGE CAPACITIES PER PERSON

TYPE OF ROOM	SQUARE FEET
Banquet	10-12
Cafeteria	12-15
Tearoom	10-14
Lunchroom/coffee shop	12-16
Dining room/restaurant	13-16
Specialty/formal dining	17-22

NOTE

Figures are general and represent minimum average dimensions. No maximum exists. Seating allowances and requirements may vary to suit individual operations.

GENERAL DESIGN CRITERIA

Service aisles: 30-42 in.

- 1. Square seating, 66 in. minimum between tables, 30 in. aisle plus two chairs back to back.
- 2. Diagonal seating, 36 in. minimum between corners of tables.
- 3. Wall seating, 30 in. minimum between wall and seat
- 4. Minimum of 30 in. for bus carts and flaming service carts.

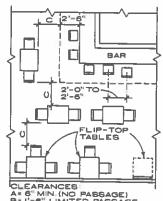
Customer aisles

- 1. Refer to local codes for restrictions on requirements.
- 2. Wheelchair requirements, 35-44 in, aisle,
- 3. Wall seating, 30 in, minimum between walls and

Tables:

1. Average 29 in, high.

2. Allow space around doors and food service areas.



A= 6" MIN. (NO PASSAGE) B= 1'-6" LIMITED PASSAGE C= 2'-6" TO 3'-0" SERVICE

GENERAL

Conference rooms should be located for proximity to user groups within a building and for accessibility to outside guests. Since a conference room typically serves to communicate a firm's "image" to others, finishes are usually selected from higher quality materials to suggest a prominent and visible location. When a conference room functions as a multiuser or multigroup space, the position of access doors is altered and acoustical folding partitions or movable walls may be used. The designer should note the additional requirements imposed by building codes for assembly occupancy for larger rooms.

FINISHES

BLIDE PROJECTOR

OVERHEAD PROJECTOR

Carpeted floors, acoustical wall panels, or fabric wall coverings and acoustic ceilings should be used. Avoid using "attention-getting" patterns and colors on walls which may decrease focal emphasis of tables, seating,

and speaker or projection area. All finishes should be carefully examined for flame spread and smoke-generated ratings.

LIGHTING

Parabolic lens fluorescent fixtures provide good general lighting with less glare. Directional fixtures such as track lighting may be used for presentation areas. Use dimming switches.

MECHANICAL

Provide a minimum of eight air changes per hour plus a minimum of 10 cu ft/min of outside air per person for odor-free air and good ventilation. Provide an exhaust system to be manually controlled from the room. Careful attention should be given to sound attenuation

SIZES

5-POINT BASE WITH CASTERS

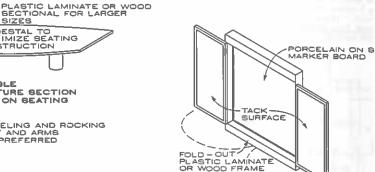
CONFERENCE TABLE REFER TO FURNITURE SECTION FOR SIZE BASED ON SEATING

PEDESTAL TO MINIMIZE SEATING OBSTRUCTION

SWIVELING AND ROCKING SEAT AND ARMS ARE PREFERRED

TELECONFERENCING

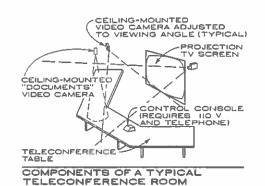
The space and furniture requirements for telecor ing are different from the typical conference ro aspects are geared toward video camera require Typically, the conference is held between groups arate locations linked by video satellite. The s layout includes two ceiling-mounted video cam cover the participants and an optional direct dow aimed document camera, a projection television (front or rear projecting) for the remote participar a control console which interfaces the video ca telephone, and satellite linkage. The room arran is such that all participants may view and be simultaneously. Mixing presentation media (pro boards, flip charts, etc.) becomes more difficult conferencing, while the requirements for acoust ventilation remain unchanged from the typical ence room. Lighting must be in accordance with quirements of the video system used.



WALL-MOUNTED VIBUAL CENTER

CONFERENCE ROOM FURNITURE AND EQUIPMENT

NOTE LENS AS REQUIRED FOR ROOM SIZE





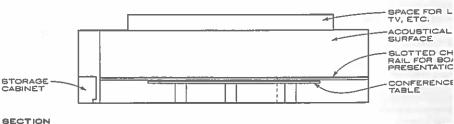
GRAPHICS SILK SCREENED OR ROUTED INTO COLORED PLASTIC (TYPICAL)

CONFERENCE ROOM SIGN

SINK BELOW SLIDE ---20 CONFERENCE TABLE STORAGE-COAT OR -STORAGE CLOSET (TYPICAL) OUTLINE OF TABLE CEILING-MOI PROJECTION SCREEN SIDE TABLE -OUTLET (TYPICAL) 34'-0" PLAN

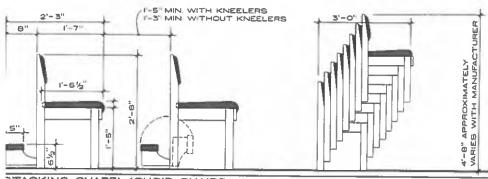
NOTE

Components of both traditional and teleconferencing conference rooms are shown. The "board room" layout here is not recommended for teleconferencing. See dashed layout, components at left, and general notes above.



TYPICAL CONFERENCE ROOM (25 - 30 PERSONS)

J. Kevin Lloyd, AIA; Barge, Waggoner, Sumner & Cannon; Nashville, Tennessee



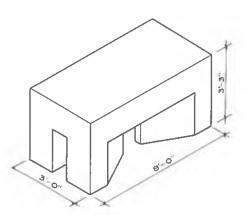
STACKING CHAPEL/CHOIR CHAIRS

STACK CHAIRS

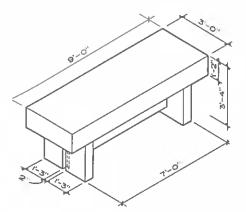
A variety of stacking or modular chairs are available and vell suited to uses such as small churches, chapels, and thoir areas where flexibility of arrangement or complete emoval is desired. Like pews, these chairs may be upsolstered in differing degrees and equipped with kneelers, book holders, and other features. In addition, most nanufacturers offer an interlocking device that enables he user to join rows of chairs together for temporarily ixed arrangements. Stacking capability allows efficient torage of chairs. When worship spaces become large mough to require a sloped floor for proper sight and ound lines, chairs are generally not advisable.

ALTAR/COMMUNION TABLE

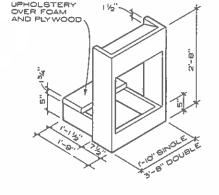
n most churches, the alter or communion table is the rimary focus and therefore the most visually prominent



LTAR BAPTISMAL FONT



OMMUNION TABLE



furnishing. Style and symbolism of the altar/table are

deeply rooted in the liturgy of individual churches and

usually require the participation and theological direction

of both clergy and laity during design. Appropriateness

of scale and material are particularly important and widely

variable. The altar/table is among the most suitable furnishings for artist collaboration in design and execution.

A font for ceremonial sprinkling of infants and/or adults

may be placed in various locations including at the chan-cel/sanctuary or at the entrance to the church in the

narthex. In some cases, the font may be alternately

moved between these locations. Usually space for gath-

ering of family and friends is required around the font and, in many churches, the font is required to be in a

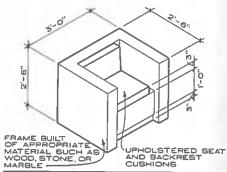
position that permits general viewing of a baptism by the

entire congregation. Churches practicing baptism by im-

STAINLESS STEEL OR CERAMIC RECEPTOR AND COVER TOP DIAM-ETER 18"

BAPTISMAL FONT

INDIVIDUAL KNEELER

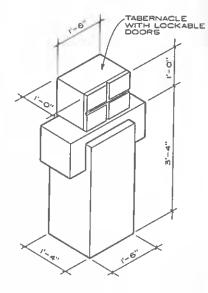


CLERGY/PRESIDER CHAIR

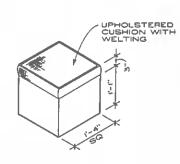
mersion or submersion require an altogether different style of baptistry involving a pool or tank that allows full entry by laity and clergy. Prefabricated baptistry tanks are available and custom installations possible.

TABERNACLE

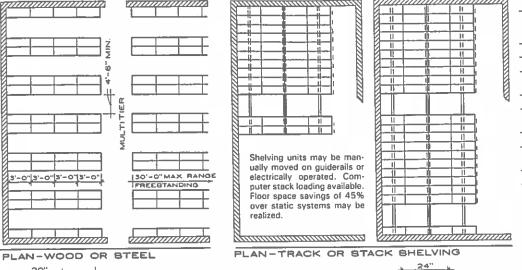
The tabernacle generally associated with Roman Catholic, Orthodox, and Episcopalian ("ambry" rather than tabernacle) churches is a very significant element in the worship environment, acting as the place of repose for the consecrated Host—the body of Christ. It is often a highly artistic and custom furnishing. Careful attention to the liturgical attitudes of the individual church and review of the document "Environment and Art in Catholic Worship" (for Roman Catholic churches) should guide the design and placement of the tabernacie.



TABERNACLE



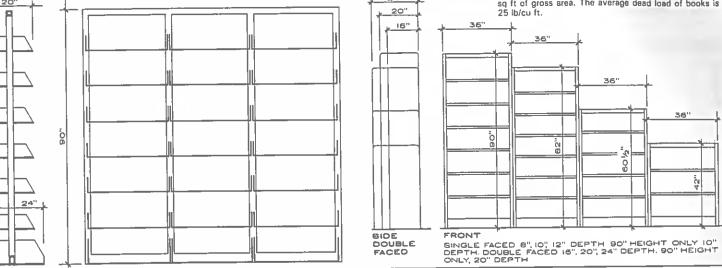
ACOLYTE STOOL



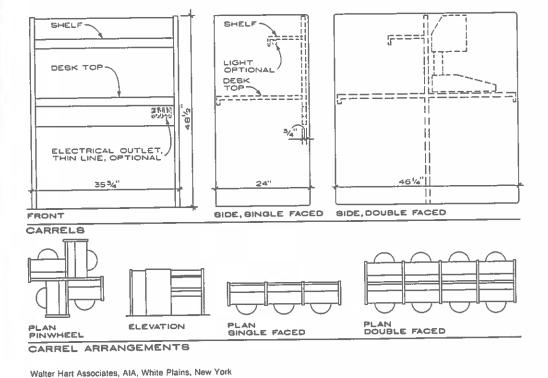
SHELF CAPACITY AND DEPTH VOLUMES SHELE DEPTH (IN.) PER TYPE OF BOOK LINEAR FT Children's 10-12 Fiction and economics History and General Literature 10 Reference Technical and 6 Scientific Medical 10 5 Law and public 4-5 documents Bound periodicals 10-12 U.S. Patent spec.

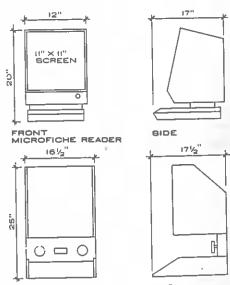
BOOK CAPACITY PER GROSS FLOOR AREA

Many variables must be considered: size and kind of books, book lifts, carrels, number and width of aisles. ultimate capacity, and so on. Variances run from 131/2 to 19 books/sq ft. For a rule of thumb allow 16 books/ sq ft of gross area. The average dead load of books is



ADJUSTABLE SHELF UNIT, WOOD ADJUSTABLE SHELF UNIT, STEEL



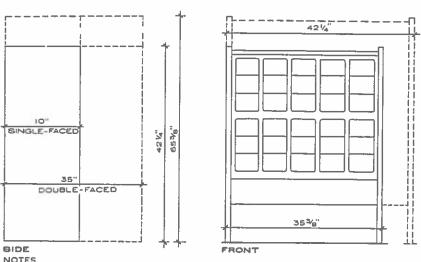


SIDE FRONT SIDE
MICROREADER FOR FICHE OR FILM

Generally microfilm and microfiche readers and video display terminals (VDT) are positioned on tables.

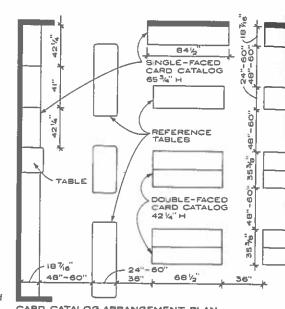
LIBRARY EQUIPMENT

re Associates, Inc., Rockford, Illinois/Chicago/Los Angeles

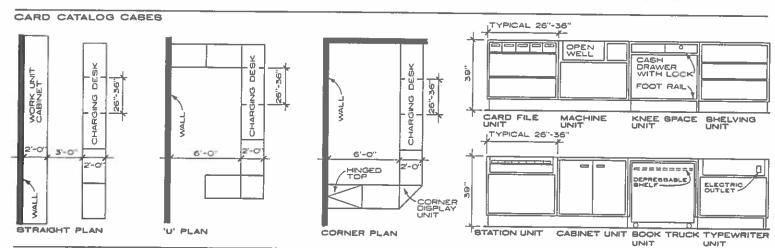


NOTES

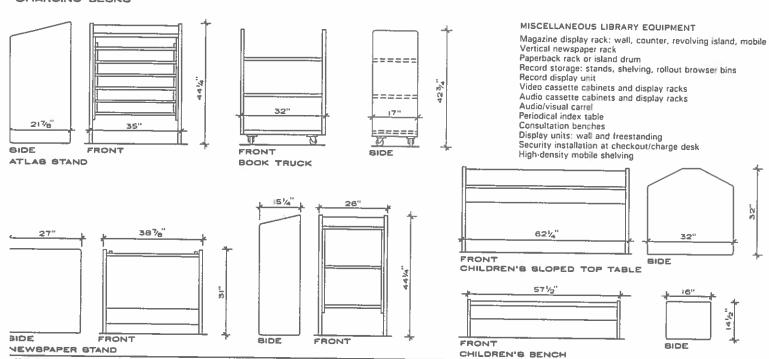
Card catalog cases are available in units:
Single-faced 15–60 trays, 42½" H; double-faced 30–120 trays, 42½" H; high, single, or double faced with pullout shelves, 72–144 trays, 65%" H. Effective tray card filing depth 14½", tray capacity 1250–1300 standard cards of



CARD CATALOG ARRANGEMENT PLAN

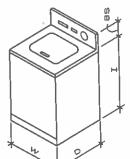


CHARGING DESKS

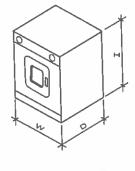


MISCELLANEOUS LIBRARY EQUIPMENT

Walter Hart Associates, AIA; White Plains, New York





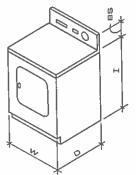


UNDER COUNTER

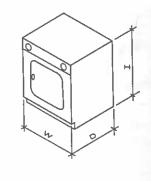
AUTOMATIC WASHERS (SOME HAVE KICK SPACES, SOME NOT)

	MIN.	MAX	OTHER
w	251/2	27	25%-263
D	247/6	2823/32	25-28%ie
H	36	361/2	361/6-361
BS	63/12	B3/4	61/2-81/2

	MIN.	MAX.
W	263/4	301/4
D	241/8	241/0
H	341/2	



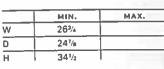
FREESTANDING FRONT LOADING

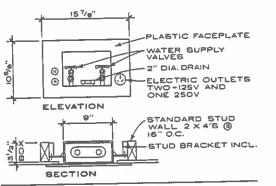


UNDER COUNTER

AUTOMATI	DRYE	RS (80M	ME HAVE K	ICK SPACES,	SOME NOT)
MIN.	MAX.	OTHER		MIN.	MAX.

	MIN.	MAX.	OTHER
W	263/4	311/2	27-31
D	241/a	2823/32	25-28%
н	36	361/2	361/9-361/4
BS	63/32	83/4	61/2-81/2





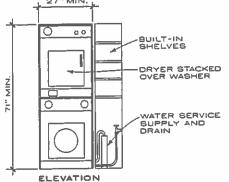
UTILITY CONNECTION BOX (RECESSED)

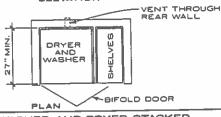
GENERAL NOTES

See kitchen & laundry layout pages for locations of washers & dryers and wall chases for pipes & vents and for dishwasher locations.

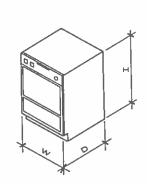
Where clearances of doors of machines (when open) may be a problem, check manufacturers catalog for "open-door" dimension.

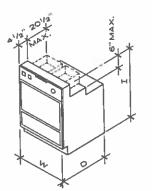
All dimensions given are actual ones but certain variations in body design may affect actual depths of models. Check all units for exact voltage. Some units available with gas.

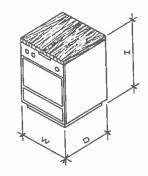


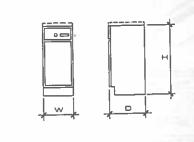


WASHER AND DRYER STACKED IN CLOSET









AUTOMATIC DISHWASHERS

LINE	DER COUN	TER		UNI	DER SINE	<		МОВ	ILE (WITH C	OUNTER	rop)
	MIN.	MAX.	OTHER		MIN.	MAX.	OTHER		MIN.	MAX.	OTHER
	22		23 ⁷ /a	W	24	241/4	24	W	221/2	27	24 ⁵ /a
W	23	24				251/2	25	D	2311/16	261/2	25
D	2311/16	261/4	251/2	0	24				341/8	39	36
H	331/2	341/2	341/e	H	341/2	341/2	341/2	п	3478	, 35	1 30

William G. Miner, AIA, Architect; Washington, D.C. R. E. Powe, Jr., AIA; Hugh Newell Jacobsen, FAIA; Washington, D.C.

TRASH COMP	ACTOR: UNDER
COUNTER OR	FREESTANDING

	MIN.	мах.	OTHE
W	11 ⁷ /s	173/4	14 ⁷ /B
"	18	243/16	181/4
Н	331/2	35	341/2