

Chapter 6 Example Designs for Army Military Police Facilities

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Chapter 6

6-1

General

a. GENERAL This chapter illustrates how the general planning and design guidance presented in Chapters 3 and 4 might be applied to three examples of different requirements for physical development. The functional programs for the three examples indicate various intensities of operation, and provide representative planning and design guidelines based on hypothetical project requirements. Those hypothetical requirements are used in the development of each example space organization concept. They also form the basis for the facilities-planning diagrams and design development sketches provided for each illustrative example.

b. ACTUAL PROJECT GUIDANCE The actual guidance used to identify planning and design criteria, to establish physical, functional and environmental requirements, and to evaluate the satisfaction of project objectives must be based on the individual and mission peculiar requirements of specific MP activities and related to a given strategy for physical development. In developing the illustrative guidance for the three example designs, a clear distinction has been made between requirements of a specific organizational component and those of an individual functional activity. Though individual functional requirements are not fully developed in each example design, they can be identified by coordinating the allocation standards provided by the hypothetical component space classifications with the space organization principles and criteria contained in Chapter 4.

c. GENERAL PLANNING GUIDANCE The general planning guidance in each example design is based on programming factors such as: staff composition, organizational structure, and physical development requirements consistent with a hypothetical set of functional and operational objectives. Space organization principles illustrated in all three example designs are based on established organizational and functional needs (Chapters 2 and 4) and on requirements for the design and construction of military police facilities (Chapter 3).

d. PHYSICAL CHARACTERISTICS The physical characteristics of each illustrative example express both hypothetical project requirements and organizational development strategies. The physical, spatial, psychological or cultural character of a military police facility can be based on a variety of factors: the different physical and environmental requirements for operational and administrative support activity areas; the per-

ceived distinction between public, private and confidential activity areas; or the aesthetic treatment of the entire facility. It is important to recognize that a judgment as to the desirability or appropriateness of various physical characteristics will depend on project development constraints, on design opportunities for a given location, and on the individual requirements.

e. DESIGN CHARACTERISTICS The illustrative examples express general design characteristics of relevance to a wide range of military police organizations and component activities. These characteristics reflect a consideration of the overall design guidance contained in previous chapters. Detailed guidance may be found under the appropriate sections of Chapter 3, General Planning and Design Guidance and Chapter 4, Space Organization Considerations.

f. ENVIRONMENTAL CHARACTERISTICS In applying either general planning and design criteria or the guidance contained in the hypothetical project requirements of each example design, careful correlations should be made between illustrative and actual individual functional activity requirements. It is important to note that the illustrative examples reflect only gross environmental and functional requirements. Detailed requirements must be developed both on a space-by-space basis and for the entire facility, utilizing the design criteria provided in this guide.

6-2

Illustrative Example A

**MP Operations and Administration Facility Large
Base Population: Greater Than 20,000**

a. ORGANIZATIONAL DEVELOPMENT This example illustrates a strategy of development for a hypothetical major MP operations and administration activities center. The total number of people required to staff the TOE/TDA units authorized for this large scale military police organization is typically more than 70 temporary and permanent duty military and civilian personnel. To illustrate the planning and design requirements for this level and intensity of operation, a new MP station facility has been planned to accommodate approximately 114 administrative and operational personnel whose functional activities will eventually be consolidated. This facility will serve as installation and unit

support service headquarters for military police administrative and operational activities. As a principal advisory activity supporting the installation Commander and Corps Headquarters and as the major subordinate activity of the Directorate of Personnel and Community Activities, the MP station will occupy a prominent position in the physical organization of the planned Personnel Services and Community Activities Center.

b. RELATED ACTIVITY RELATIONSHIPS A study of functional activity and working relationships developed in the programming phase has indicated that several operational/fixed post units can remain located elsewhere without detriment to the efficient functioning of MP operations.

c. LONG-RANGE DEVELOPMENT As comprehensive long-range development of the personnel services and community activities center complex takes place, and as law-enforcement technology and operational techniques change and develop, the presently excluded functional activities, as well as additional specialized support activities and subordinate MP training and tactical activities will be consolidated in the area of the MP station facility by a phased incremental expansion of both administrative and operational facilities. The long-range physical development program also includes expansion of requirements for the increasingly important role of special community education activities required by individual planning units as well as the shared-use and special facilities required by specific troop support and training activities. In terms of the specific short-range planning and design requirements for physical and organizational development, the requirements for troop support and training activities have not been considered as part of the MP station beyond basic provisions for expansion, which involve siting and orientation of primary and support facilities. However, the future needs of an MP organization are considered to be essential to the long-range effectiveness of both critical operations and specific mission accomplishment. Therefore, the strategy for physical development includes long-range physical requirements as a primary planning consideration.

d. DESIGN GUIDELINES Comprehensive physical development guidelines for Illustrative Example A include the following concepts:

(1) Physical Development The overall physical development strategy for the functional activities of this specific MP station organization will require comprehensive planning and design for new facilities to be included with the physical development of a new Personnel Services and Community Activities Center (PSCAC). Medium-range and long-range organizational development strategies support the need to accomplish overall project requirements on a phased construction basis. The primary long-term physical development objective is the consolidation of all MP

station-related administrative, operational and subordinate MP troop support activities as well as MP Corps agencies whose colocation is essential to mission effectiveness. Command of the MP companies stationed at the installation is a major subordinate activity of the command provost marshal who operates from the MP station.

(2) Site Development Administrative and support facilities required by the installation command headquarters should be physically integrated with the PSCAC complex at ground level. An ideal site development situation would be the shared use of the primary approach and access point of the PSCAC complex with the MP activities contained in a physically identifiable facility not linked to the main structure. A slope gradient allowing ground-level access with direction of access visually separated by contour development and landscaping or by the natural utilization of a partially wooded site is ideal. Maximum site development is to be consistent with efficiency and economy of land use and the intensity of development designated by the overall master plan for the PSCAC complex. Because of the scale of operations required in the first phase of development and because consolidated operations will increase requirements, major traffic and pedestrian access to MP facilities must be separately provided and in some way be distinguishable from the primary access to the complex. Consideration must be given to increasing dependence on mass transportation as a means of access to all PSCAC facilities.

(3) Facilities The scope and complexity of physical needs require that efficiency and economy govern the design of both MP administrative and operational facilities. Distinctive site and building elements must be coordinated with the overall design of the PSCAC complex. Provisions should be made for maximum interior flexibility. A method of incremental expansion should be provided that is appropriate to the functional requirements and design objectives of future MP station activities. The total consolidation of post activities near the station facility will eventually require joint occupancy by other law enforcement and investigation activities. Where possible, common-use facilities such as parking should be so located that they can meet the long-term joint occupancy requirements efficiently and economically.

(4) Individual Functional Requirements (To be developed according to individual space criteria and the guidance for component activities). For specific guidance refer to Chapters 2 and 4.

e. PHYSICAL DEVELOPMENT OBJECTIVES In order to achieve a broad application of planning criteria for the full spectrum of required military police activities and to permit orderly expansion of component activity areas when required, a concept of space organization is proposed for the principle administrative and operational

activities and the general functional support areas required by individual military police activities. The basic development objectives of specific activity areas are:

- (1) The achievement of required planning and design standards and the development of a functionally integrated military police facility;
- (2) The maintenance of functional integrity within major component areas;
- (3) The ability to Separate and control circulation within and between major activity zones;
- (4) The definition of a clear order of movement from public to private to confidential activities;
- (5) The ability to provide special environmental and climatic conditions for critical operational activities with a minimum of cost and effort and with maximum effectiveness; and
- (6) The flexibility to expand operations to change police techniques without a major interruption in law enforcement activities.

f. PHYSICAL AND FUNCTIONAL CHARACTERISTICS OF MAJOR ACTIVITY ZONES The diagram below illustrates the basic physical and functional characteristics of major activity zones and the functional flow and supervisory relationships of component activities contained within the general activity areas listed below:

- Zone 1** - Provost Marshal Office: Includes those activities related to the direction of administrative operations and law enforcement activities
- Zone 2** - MP Services (Admin.), General Reception and Information: includes activities related to the control and direction of visitor traffic
- Zone 3** - M P Services (Ops): Includes those activities related to community services including registration, permits, licenses, and hunting and fishing control
- Zone 4**- MP Operations (Support Oriented): Includes those activities oriented toward the supervision of uniform motorized and foot patrol, law enforcement, criminal identification and military police investigations
- Zone 5**- MP Operations (Duty Oriented): Includes those police activities oriented toward the arrest and processing of offenders, the development of crime information and intelligence reports, and case development and processing by military police investigators and physical security inspectors, and military police communications and intelligence systems.

Figure 6-1 Physical Relationship Program

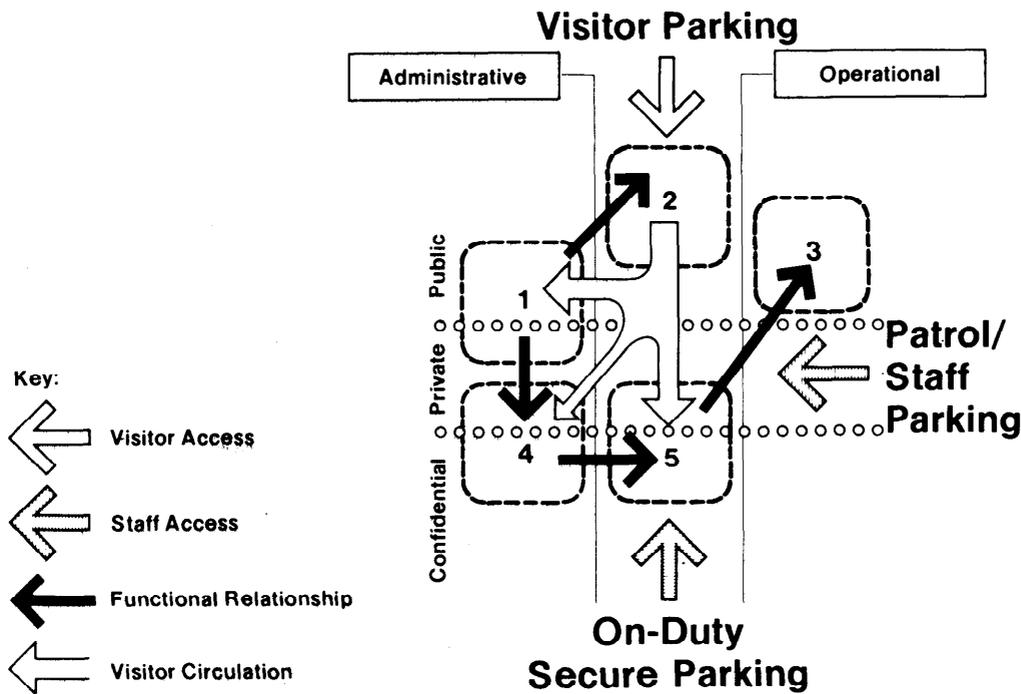


Table 6-1 Summary of Required Functional Activities

Primary Facility

- 1 PM Office
- 2 Community Relations
- 3 PM Admin. Support
- 4 Public Assistance
- 5 Community Activities
- 6 Registration
- 7 Traffic
- 8 Operations Office
- 9 OPS Admin.
- 10 Liaison
- 11 Community Services
- 12 Absentee Control
- 13 Investigations
- 14 Physical Security
- 15 On-Duty Desk
- 16 Briefing/Training

- 17 Lockers/Showers for Male & Female
- 18 Operations Storage
- 19 Public Entrance/Lobby
- 20 Public Restrooms
- 21 Staff Toilets
- 22 Staff Lounge
- 23 Staff Entrances
- 24 Maintenance & Operational Supply Area
- 25 Mechanical Equipment

Support Facility

- 26 Patrol/POV Parking
- 27 Guardmount/Secure Parking/Impound Lot
- 28 Operations Equipment Storage
- 29 Staff POV Parking
- 30 Registration Services/Visitor Parking
- 31 Building Services Access (Loading Dock)

*Female locker & shower space requirements will be ten percent of male locker & shower space requirement.

Figure 6-2 Functional Relationship Diagram

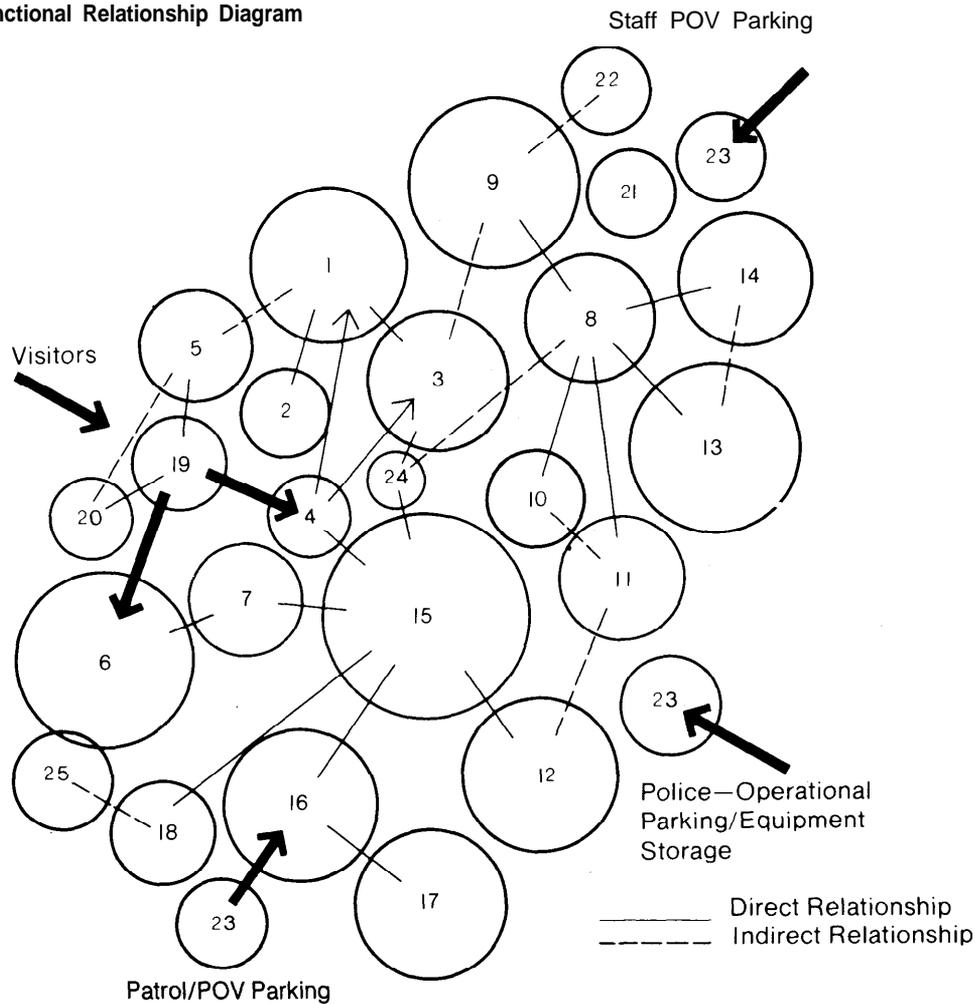


Figure 6-3 Area Planning Diagram

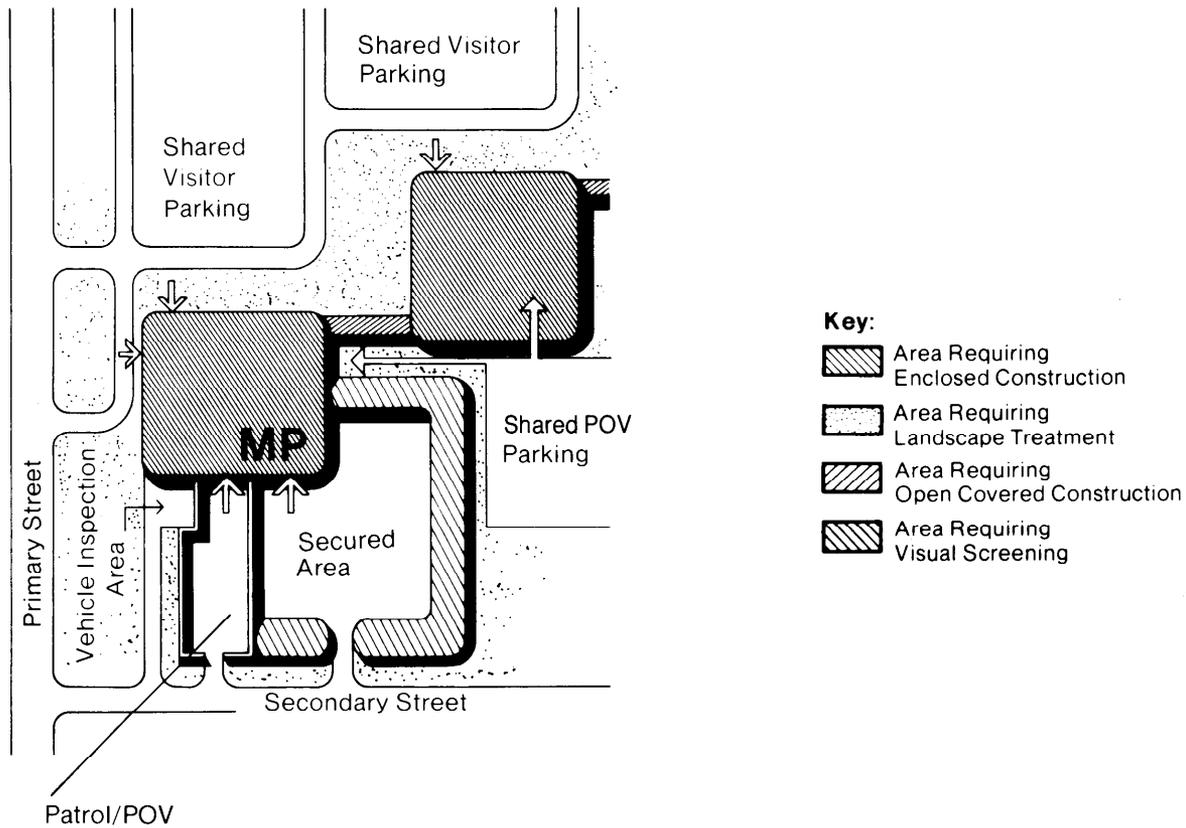


Figure 6-4 Building Elements Diagram

Building Elements Diagram

Key:

- A — Zone 3 — Registration
- B — Zone 4 — Traffic
- C — Zone 2 — Public Asst.
- D — Zone 1 — PM/OPS Admin
- E — Zone 4 — Operations Office
- F — Zone 5 — Operations Support
- G — Zone 5 — Detention/AWOL
- H — Zone 5 — MP Desk
- I — Zone 5 — Physical Sec. and Investig.

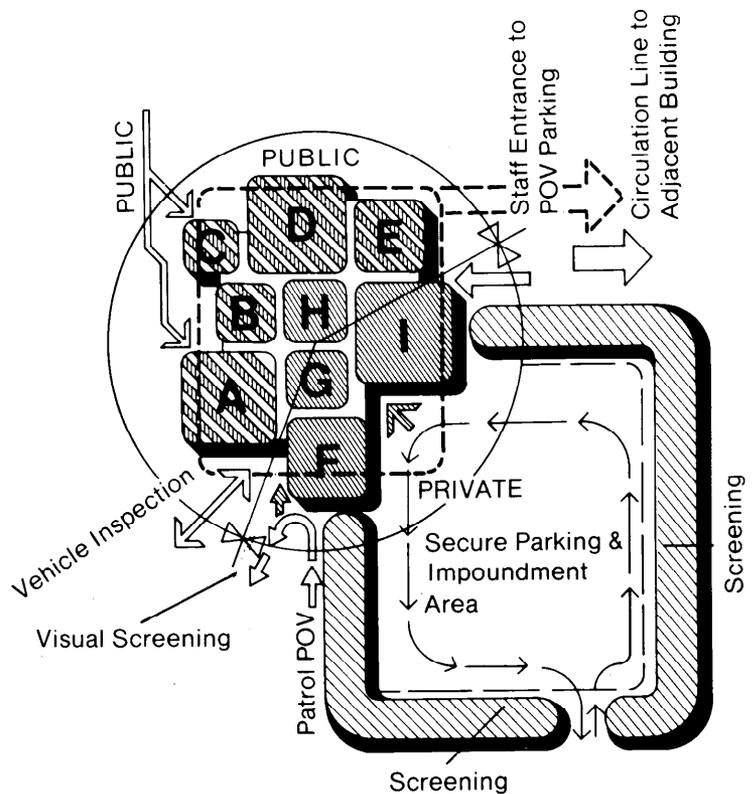
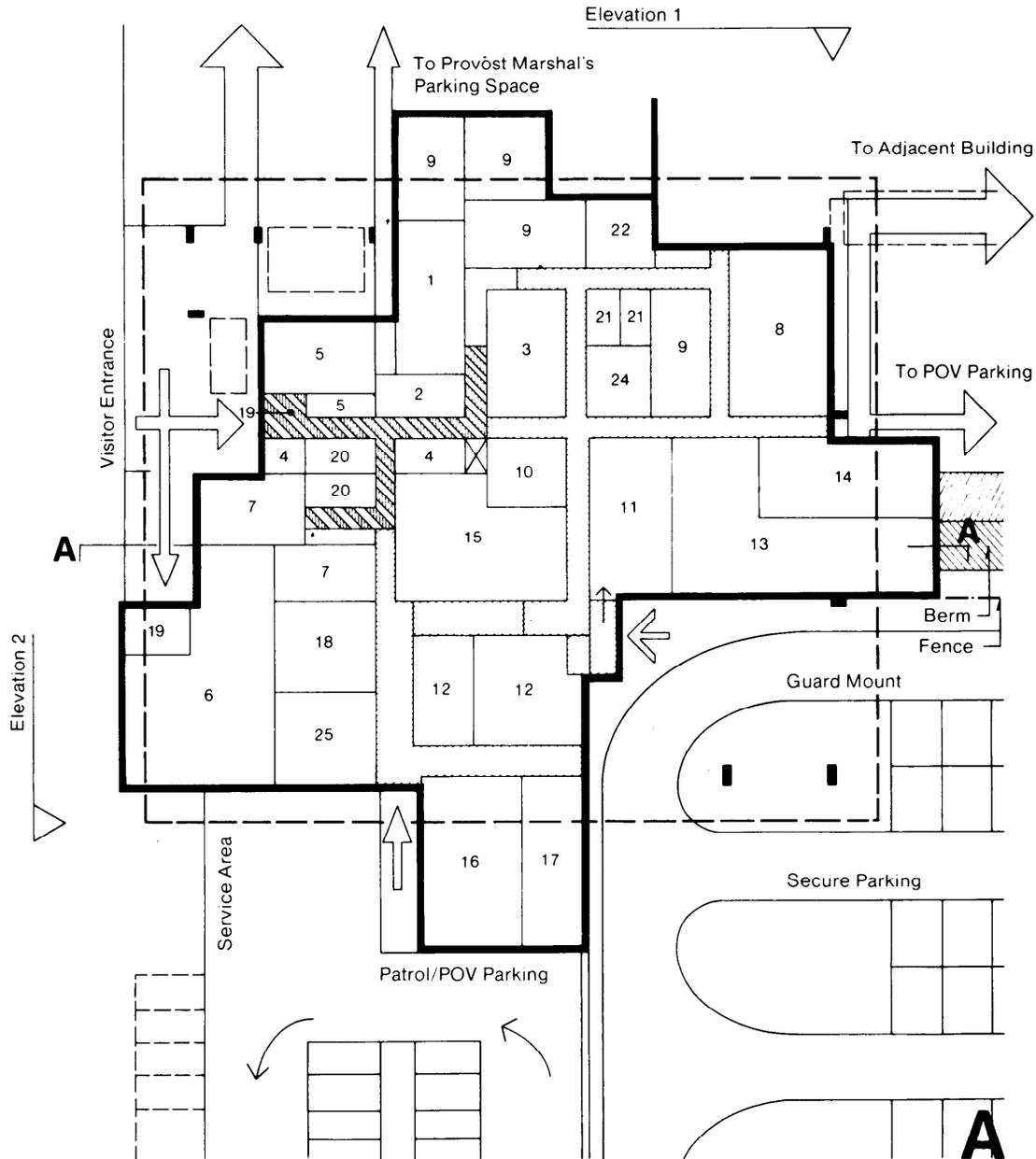


Table 6-2 Summary of Facilities Components
 Large Size Facility

	Facility Components	Staff	Space
Zone 1	Provost Marshal Activities	13	2,594
	1—Provost Marshal Office		
	2—Community Relations 3—PM Administrative Support		
	Total	13	2,594
Zone 2	Military Police Services (Administration Related)		
	1—Public Assistance		750
	2—Community Activities		1,650
	Total	(1)*	2,400
Zone 3	Military Police Services (Operational Related)		
	1—Registration Services Section	5	2,572
	2—Traffic Section	13	1,936
	Total	18	6,908
Zone 4	Military Police Operations (Operations Support Related)		
	1—Operations Office	5	1,030
	2—Operations Administration	25	4,668
	3—Operations Support Services		
	(a) Liaison Section	5	870
	(b) Community Service Section	5	1,188
(c) Absentee Control/Detention	9	1,232	
	Total	49	8,988
Zone 5	(Routine On-Duty Related)		
	4—Investigations	16	3,076
	5—Physical Security	8	1,340
	6—On-Duty Operations	6	2,750
	7—Operations Support Facilities	4	4,800
	(a) Briefing/Training/Lounge (b) Lockers and Showers (c) Operations Equipment Storage		
	Total	34	11,966
	Net Functional Area	114	30,456
	Net Area Planning Factor		3,046
	Mechanical Equipment Area		1,523
	Primary Facility Requirements	114	35,025
	Functional Support Facilities		
	Patrol/POV Parking		7,200
	Guardmount/Secure Parking/Impound Lot		24,000
	Operations Equipment Storage		500
	Staff POV Parking		21,500
	Registration Services/Visitor Parking		7,200
	Building Services Access (loading dock)		1,200
	Open Space		57,975
	Access & Circulation Space		28,988
	Support Facility Requirements		148,563
	Minimum Site Area Requirements		183,588

Figure 6-5 Building Floor Plan



Key:

Primary Facility

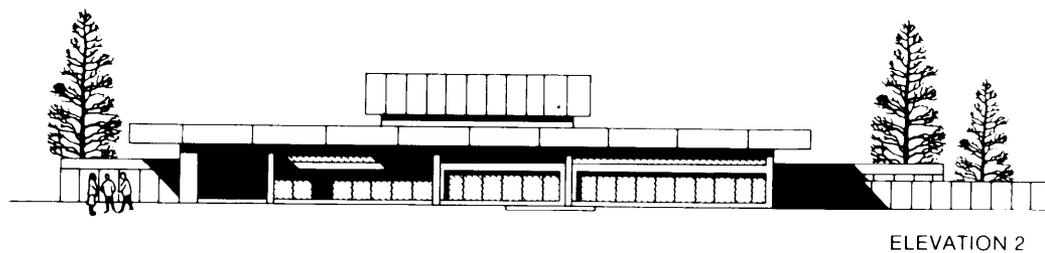
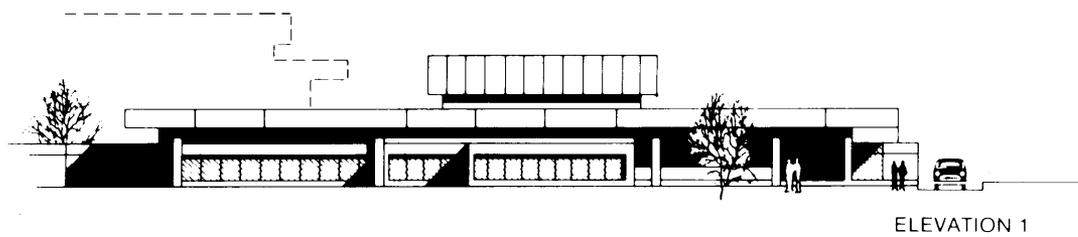
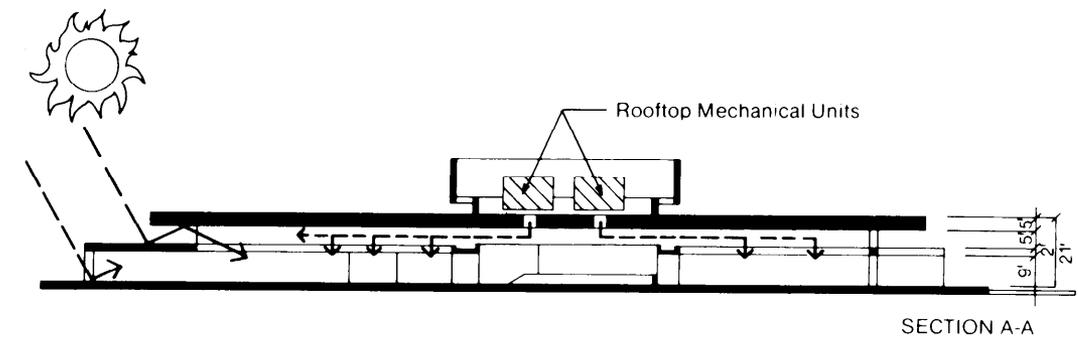
- 1 PM Office
- 2 Community Relations
- 3 PM Admin Support
- 4 Public Assistance
- 5 Community Activities
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- 11 Community Services
- 12 Absentee Control
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- 14 Physical Security
- 15 On-Duty
- 16 Briefing/Traffic
- 17 Lockers/Showers for Male & Female
- 18 Operations Storage
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- 20 Public Restrooms
- 21 Staff Toilets
- 22 Staff Lounge
- 23 Staff Entrances
- 24 Maintenance & Operational Supply Area
- 25 Mechanical Equipment

Support Facility

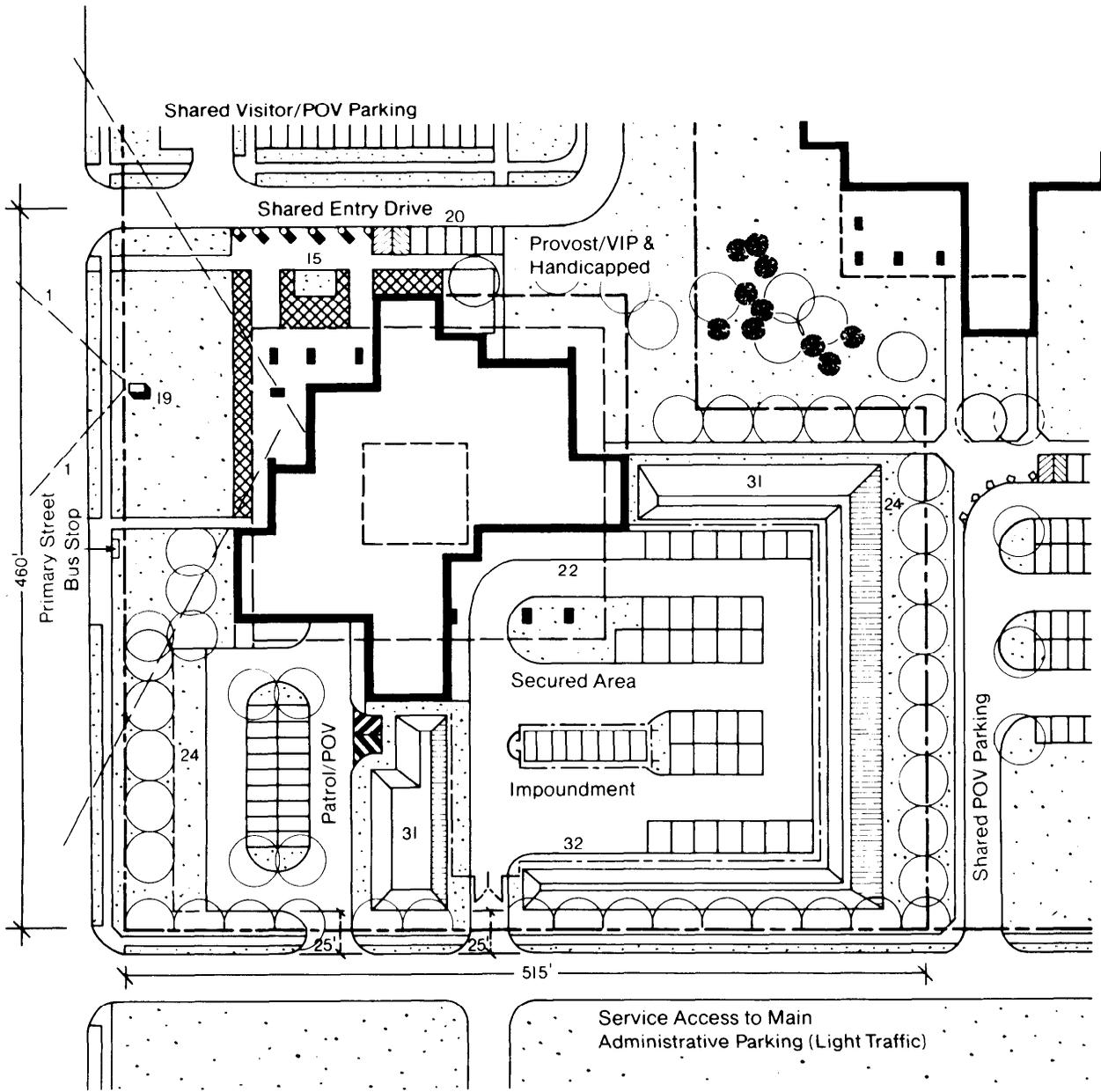
- 26 Patrol/POV Parking
- 27 Guardmount/Secure Parking/Impound Lot
- 28 Operations Equipment Storage
- 29 Staff POV Parking
- 30 Registration Services/Visitor Parking
- 31 Building Services Access (Loading Dock)

Figure 6-6 Elevations and Section

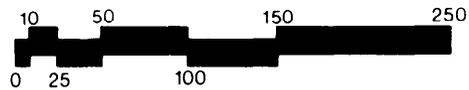


A

Figure 6-7 Site Development Plan



Site Plan



- 1 Provide "visual approach corridors".
- 2 Provide angled paving at walk corners.
- 3 8' high wall to screen critical areas.
- 4 Provide 4' wide area between at walkways.
- 5 Provide directional signs that separate traffic.
- 6 Locate evergreen trees to protect building from the effects of prevailing winds.
- 7 Locate shade trees on south side of building.
- 8 Locate planting areas to break-up expanse of paving in large parking areas.
- 9 Locate planting to screen views into military police operational areas.
- 10 Locate shrubs or ground cover in areas too small to be maintained as lawn.
- 11 Provide mowing strips along shrub beds, walls, and fences to reduce maintenance.
- 12 Provide pedestrian walkway lights.
- 13 Provide general roadway and parking lights.
- 14 Provide security floodlighting for MP areas located for unobstructed surveillance by pole mounted CCTV cameras.
- 15 Provide additional landscaping to establish desired character.
- 16 Provide drop-off zone adjacent to main entry.
- 17 Provide bollards to control traffic, identify drop-off zones, and allow curb-free access by the handicapped.
- 18 Provide adequate paved area within secure fence for occasional guard mount inspection.
- 19 Locate primary activity identification sign for easy visibility by oncoming vehicular and pedestrian traffic.
- 20 Provide designated or reserved stalls in public and staff parking areas for handicapped personnel.
- 21 Designated "official reserved parking" in public and staff parking areas.
- 22 Provide service access area with a wide turning radius for rear unloading.
- 23 Locate large shade trees on perimeter of parking areas as a buffer for paved areas.
- 24 Locate shade trees along edges of "visual approach corridors" at main public access points.
- 25 Provide shade trees on south and west sides of site to screen direct sunlight.
- 26 Provide low shrubs where unobstructed view is required.
- 27 Provide landscaping at police entrances to en-frame access points and to soften visual impact in transitional spaces.
- 28 Locate small shade trees in parking areas to screen reflected sunlight.
- 29 Locate evergreen trees along site boundary or perimeter of buffer zone.
- 30 Preserve existing or undisturbed natural landscape.
- 31 Provide earth berms as visual screens.
- 32 Provide security fencing for operations.

Site Development Considerations

6-3 Illustrative Example B

Military Police Operations and Administration Facility Medium Base Population: 8,000-20,000

a. ORGANIZATIONAL DEVELOPMENT This example illustrates a specific approach to physical development for a hypothetical medium sized MP operations and administration activities center. The total number of people required to staff the TOE/TDA units authorized for a medium scale organization is typically 30-70 temporary and permanent duty military and civilian personnel. However, to illustrate how planning and design requirements might be developed for a slightly larger project, the new MP facility for this installation has been planned to accommodate approximately 80 administrative and operational personnel positions. This facility will serve as installation and unit support headquarters for military police administrative and operational activities serving both on and off-post military and civilian populations. As a principal advisory activity supporting the installation commander and as a major subordinate training activity of the installation, the MP station will occupy a prominent position in the physical organization of both community service and criminal justice facilities.

b. FUNCTIONAL RELATIONSHIPS A study of functional activity and working relationships developed in the programming phase has indicated that a close physical relationship to the local CID activity would enhance the effectiveness of Military Police operations.

c. LONG-RANGE DEVELOPMENT As comprehensive long-range development and consolidation of criminal justice and police support activities takes place, and as law-enforcement technology and operational techniques change and develop, the present functional activities as well as additional specialized support activities, such as SJA and special security operations will be consolidated in the area of the MP facility on a phased construction basis. The long-range physical development program also includes expansion of requirements for the increasingly important role of special community education activities required by individual operational units as well as the shared use and special facilities required by specific law enforcement and crime prevention support and training activities. In terms of the specific short-range planning and design requirements for physical and organizational development, the requirements for shared or joint operational support facilities have been considered as part of the basic provisions for expansion. They are considered to be essential to the long-range effectiveness of both critical operations and specific mission accomplishment. Therefore, the strategy for physical development should recognize these long-range physical requirements as primary planning considerations.

d. DESIGN GUIDELINES Comprehensive physical development guidelines for illustrative Example B include the following concepts:

(1) Physical Development The overall physical development for the functional activities of this specific MP organization will require comprehensive planning and design for new facilities. Medium range and long range organizational development strategies support the need for a phased construction schedule. The primary long-term physical development objective is the consolidation and shared use of related operational and subordinate troop support activities essential to mission effectiveness.

(2) Site Development The site location is on the perimeter of the main post area. The operational support facilities required by this activity, such as operational vehicle access routes and secure parking should be directly related as shared facilities to related functional activities and traffic areas. CID Field Office facilities will share an access road for operational vehicles located on the secondary road. The main public access will be from the intersection of two primary circulation routes; one a major four lane road that serves as the main route for installation rapid transit. Pedestrian access for staff and visitors should be located near this route. Vehicular and pedestrian traffic will be separated and visitor, POV and operational parking will be developed as discrete support facilities using a variety of screening techniques. A large open but secure area will be required for guard mount activities. This is in addition to the general requirements particular to the secure area. Expansion is projected for certain administrative and operational activities and should be provided for by unobstructed site development. Physical development constraints caused by requirements for expansion and building space flexibility together with the scale of adjacent facilities suggest the need for a multi-story (2 level) scheme for space organization. This is a desirable project objective in that site conservation is a primary objective of installation master planning within the main post area.

(3) Facilities The scope and complexity of physical needs require that efficiency and economy govern the design of both MP administrative and operational facilities. Distinctive site and building elements must be coordinated with adjacent facilities. Provisions should be made for maximum interior space flexibility. A method of incremental expansion should be provided that is appropriate to the functional requirements and design objectives of future activities. The consolidation of police activities near the facility will eventually require joint occupancy by other law enforcement and investigation activities. Where possible, common-use facilities should be so located that they can meet long-term joint occupancy requirements efficiently and economically.

(4) Individual Functional Requirements (To be developed according to individual space criteria and the guidance for component activities). For specific guidance refer to Chapters 2 and 4.

e. PHYSICAL DEVELOPMENT OBJECTIVES In order to achieve a board application of planning criteria for the full spectrum of required military police activities and to permit orderly expansion of component activity areas when required, a concept of space organization is proposed for the principal administrative and operational activities and the general functional support areas required by individual military police activities. The basic physical development objectives of specific activity areas are:

- (1) The achievement of required planning and design standards and the development of a functionally integrated military police facility.
- (2) The maintenance of functional integrity within major component areas.
- (3) The ability to separate and control circulation within and between major activity zones.
- (4) The definition of a clear order of movement from public to private to confidential activities.
- (5) The ability to provide special environmental and climatic conditions for critical operational activities with a minimum of cost and effort and with maximum effectiveness.
- (6) The flexibility to expand operations or change police techniques without a major interruption in law enforcement activities.

f. PHYSICAL AND FUNCTIONAL CHARACTERISTICS OF MAJOR ACTIVITY ZONES The diagram below illustrates the basic physical and functional characteristics of major activity zones and the functional flow and supervisory relationships of component activities contained within the general activity areas listed below:

- Zone 1** - Provost Marshal Office: Includes those activities related to the direction of administrative operations and law enforcement activities
- Zone 2**- MP Services (Admin.), General Reception and Information: Includes activities related to the control and direction of visitor traffic
- Zone 3**- MP Services (Ops): Includes those activities related to community services including registration, permits, licenses, and hunting and fishing control
- Zone 4**- MP Operations (Support Oriented): Includes those activities oriented toward the supervision of uniform motorized and foot patrol, law enforcement, criminal identification and military police investigations.
- Zone 5**- MP Operations (Duty Oriented): Includes those police activities oriented toward the arrest and processing of offenders, the development of crime information and intelligence reports, and case development and processing by military police investigators and physical security inspectors, and military police communications and intelligence systems.

Figure 6-8 Physical Relationship Diagram

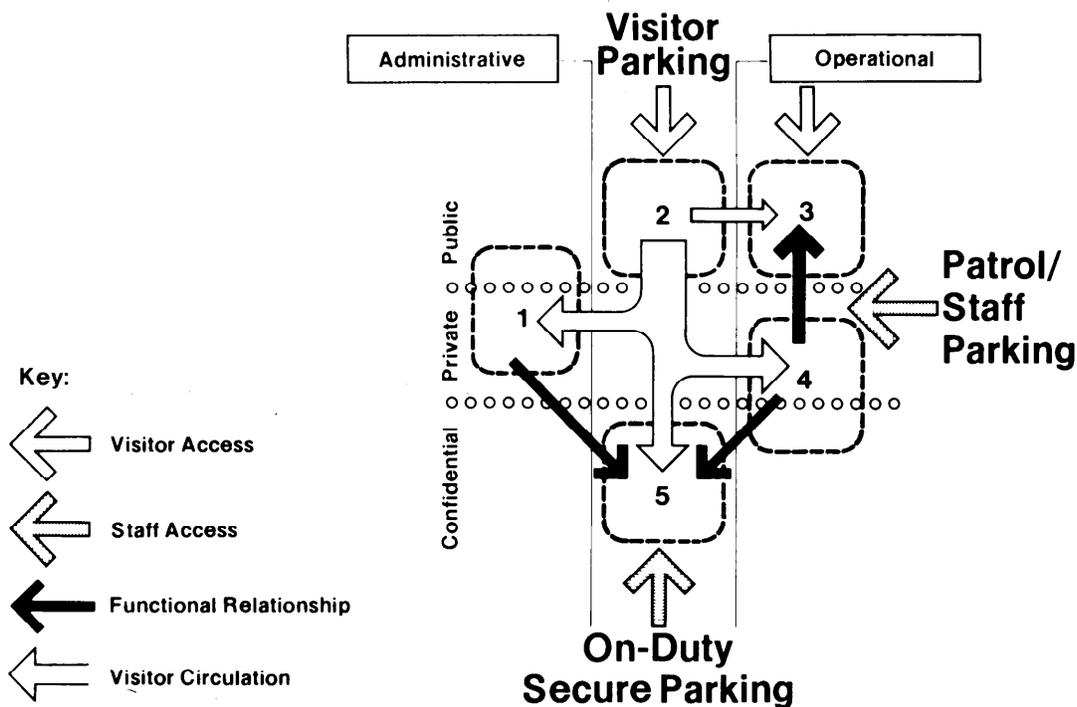


Figure 6-10 Area Planning Diagram

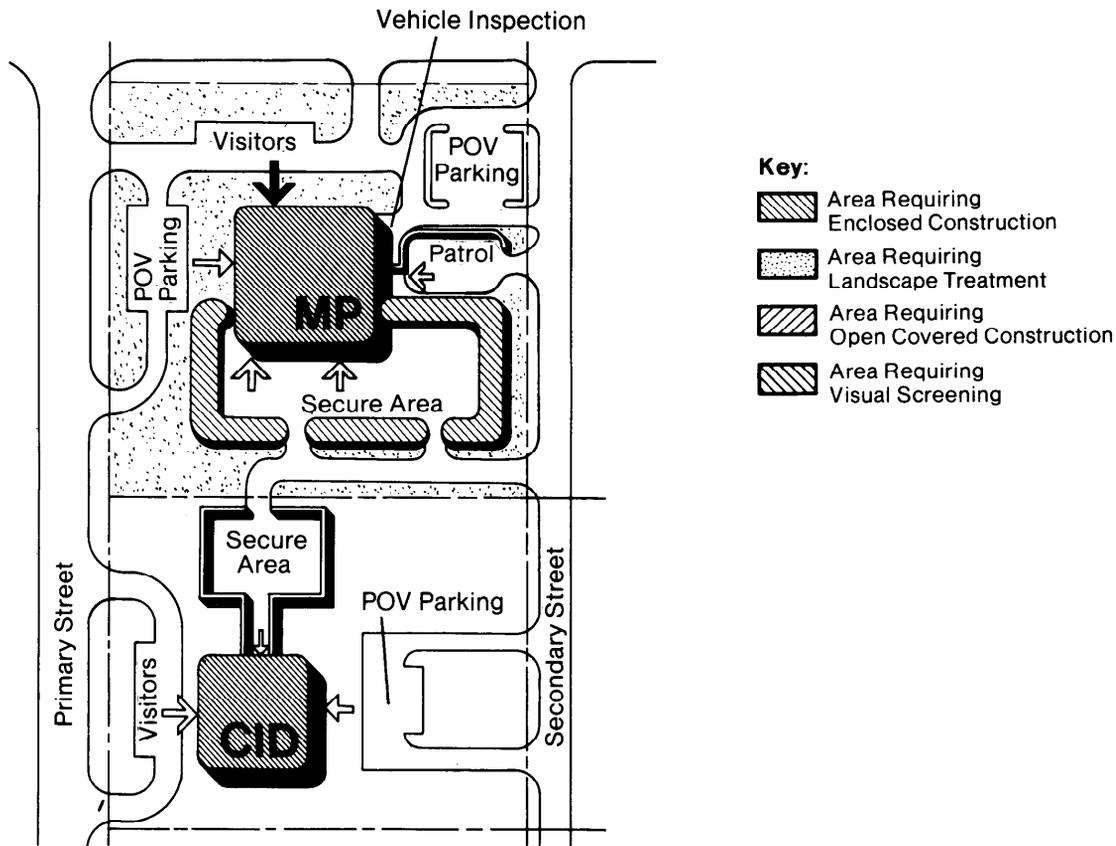
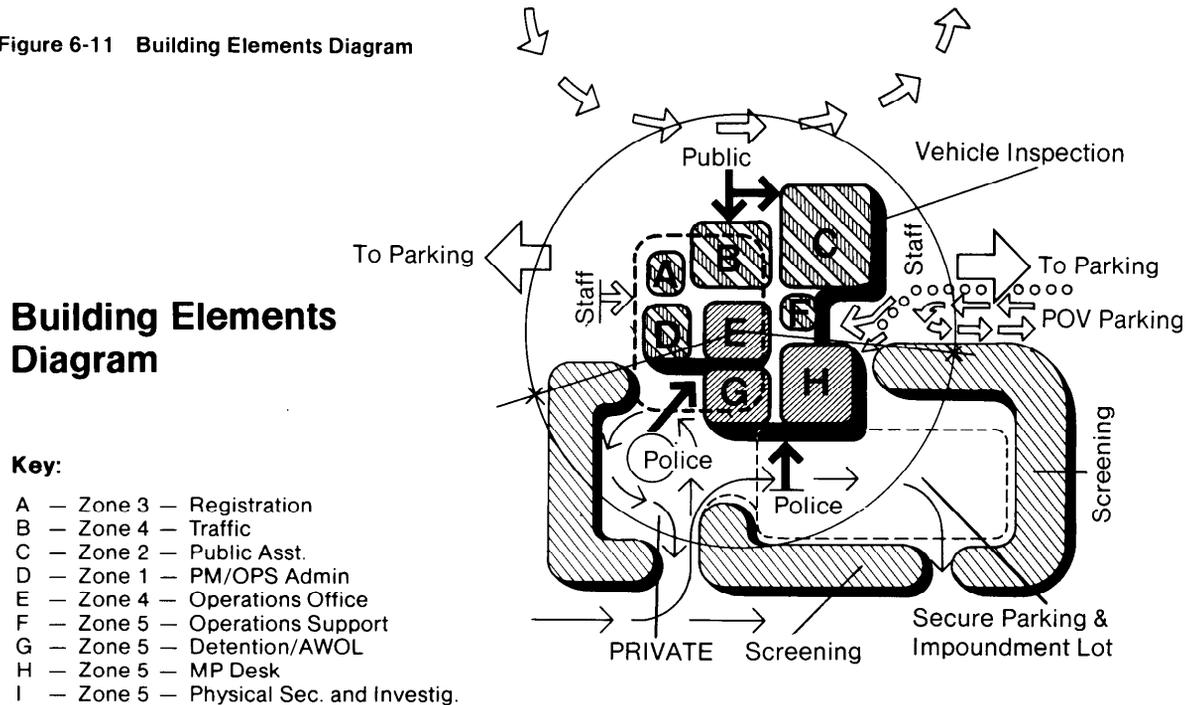


Figure 6-11 Building Elements Diagram



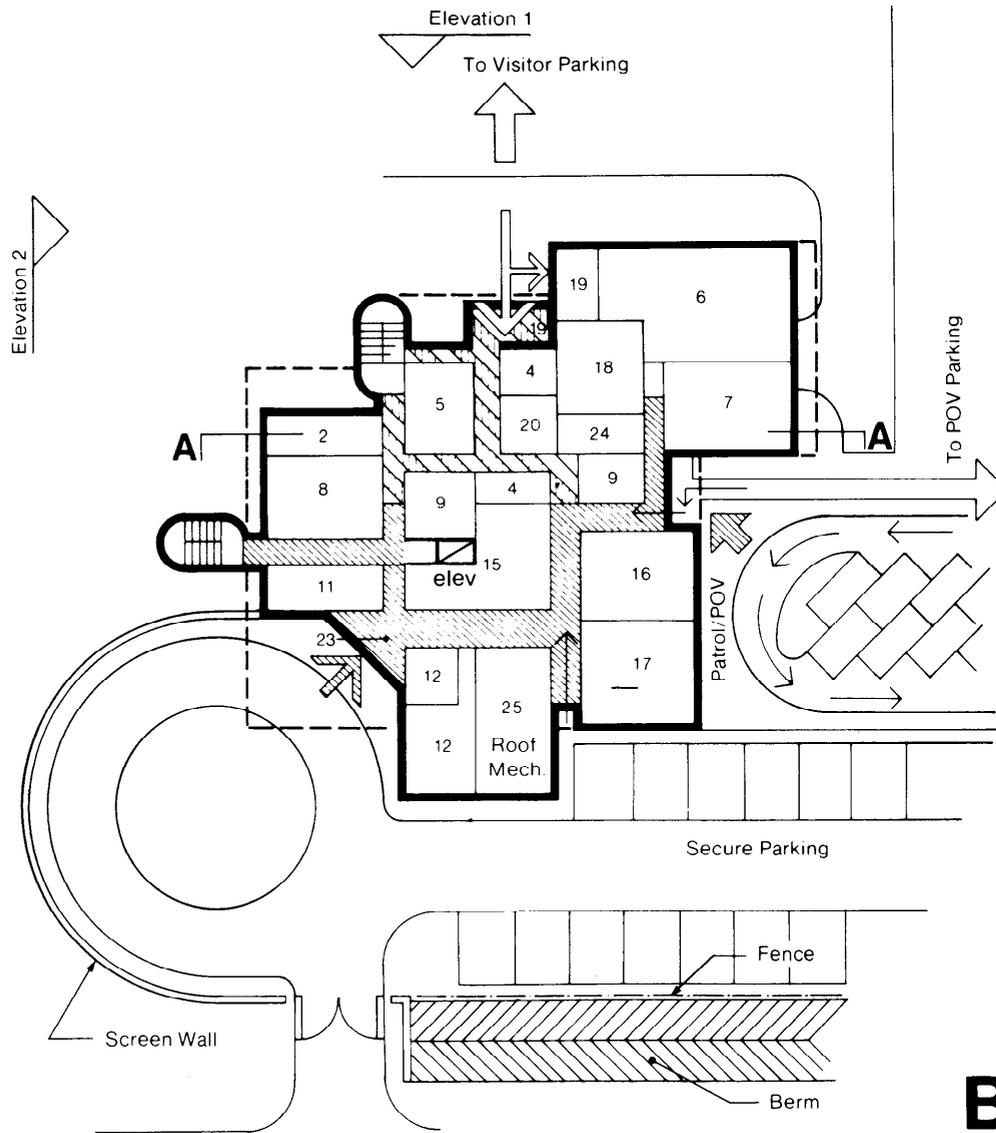
Building Elements Diagram

- Key:**
- A — Zone 3 — Registration
 - B — Zone 4 — Traffic
 - C — Zone 2 — Public Asst.
 - D — Zone 1 — PM/OPS Admin
 - E — Zone 4 — Operations Office
 - F — Zone 5 — Operations Support
 - G — Zone 5 — Detention/AWOL
 - H — Zone 5 — MP Desk
 - I — Zone 5 — Physical Sec. and Investig.

Table 6-6 Summary of Facilities Components
 Medium Size Facility

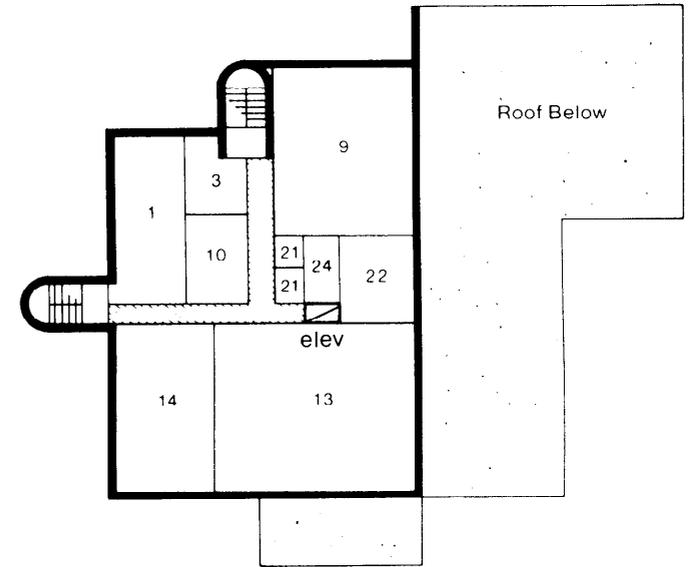
	Facility Components	Staff	Space
Zone 1	Provost Marshal Activities	10	1,980
	1—Provost Marshal Office		
	2—Community Relations		
	3—PM Administrative Support		
	Total	10	1,980
Zone 2	Military Police Services (Administration Related)		
	1—Public Assistance		700
	2—Community Activities		1,484
	Total	11	2,184
Zone 3	Military Police Services (Operational Related)		
	1—Registration Services Section	3	1,524
	2—Traffic Section	8	1,321
	Total	11	5,029
Zone 4	Military Police Operations (Operations Support Related)		
	1—Operations Office	4	913
	2—Operations Administration	19	3,567
	3—Operations Support Services		
	(a) Liaison Section	3	455
	(b) Community Service Section	3	858
	(c) Absentee Control	5	780
	Total	34	6,473
Zone 5	(Routine On-Duty Related)		
	4—Investigations	12	2,425
	5—Physical Security	6	1,002
	6—On-Duty Operations	5	2,360
	7—Operations Support Facilities	2	2,900
	(a) Briefing/Training/Lounge		
(b) Lockers and Showers			
	(c) Operations Equipment Storage		
	Total	25	8,777
	Net Functional Area	80	22,359
	Net Area Planning Factor		2,236
	Mechanical Equipment Area		1,125
	Primary Facility Requirements	80	25,720
	Functional Support Facilities		
	Patrol/POV Parking		5,400
	Guardmount/Secure Parking/Impound Lot		13,200
	Operations Equipment Storage		400
	Staff POV Parking		12,600
	Registration Services/Visitor Parking		5,400
	Building Services Access (loading dock)		800
	Open Space		38,112
	Access & Circulation Space		19,056
	Support Facility Requirements		94,968
	Minimum Site Requirements		120,688

Figure 6-12 Building Floor Plan
 1st Floor



B
 1st Floor Plan

Figure 6-13 Building Floor Plan
 2nd Floor



B
 2nd Floor Plan

Key:

Primary Facility

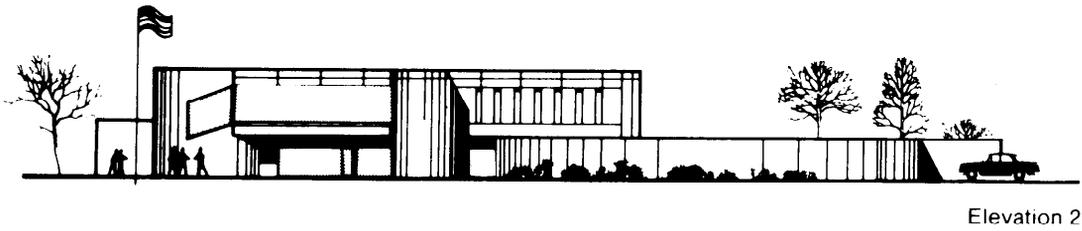
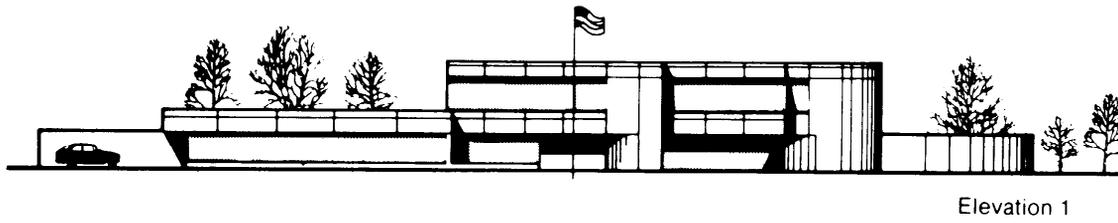
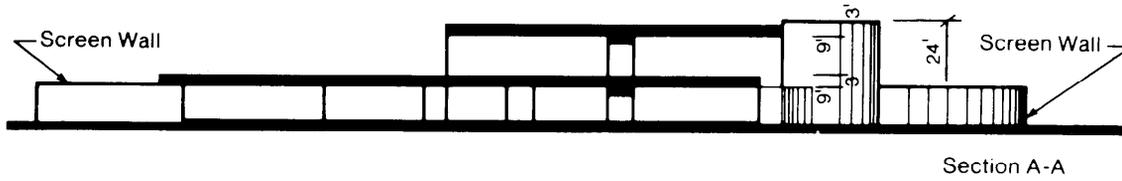
- 1 PM Office
- 2 Community Relations
- 3 PM Admin Support
- 4 Public Assistance
- 5 Community Activities
- 6 Registration
- 7 Traffic
- 8 Operations Office
- 9 OPS Admin
- 10 Liaison
- 11 Community Services
- 12 Absentee Control
- 13 Investigations

- 14 Physical Security
- 15 On-Duty
- 16 Briefing/Traffic
- 17 Lockers/Shower for Male & Female
- 18 Operations Storage
- 19 Public Entrance/Lobby
- 20 Public Restrooms
- 21 Staff Toilets
- 22 Staff Lounge
- 23 Staff Entrances
- 24 Maintenance & Operational Supply Area
- 25 Mechanical Equipment

Support Facility

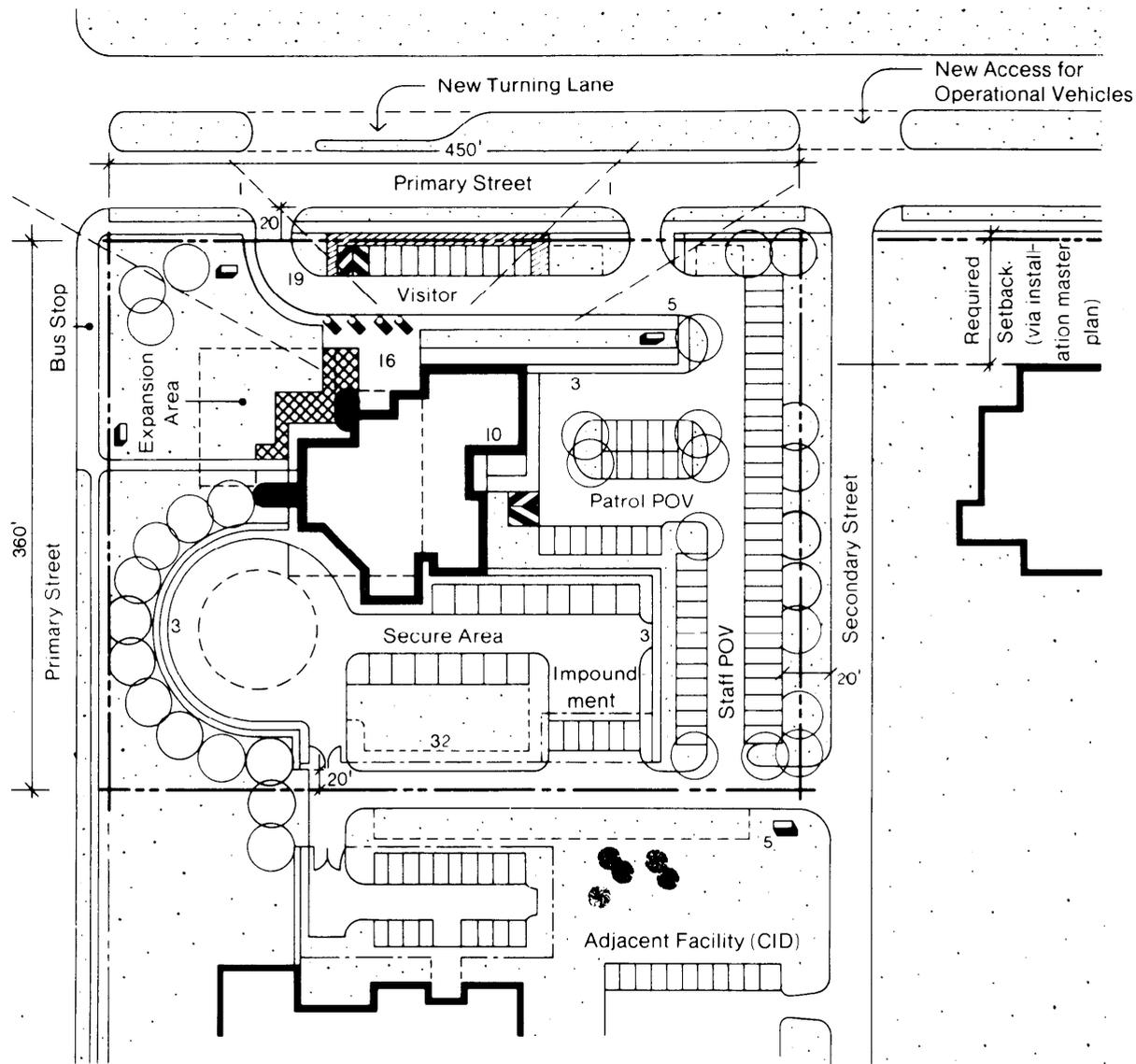
- 26 Patrol/POV Parking
- 27 Guardmount/Secure Parking/Impound Lot
- 28 Operations Equipment Storage
- 29 Staff POV Parking
- 30 Registration Services/Visitor Parking
- 31 Building Services Access (Loading Dock)

Figure 6-14 Elevations Section and Site



B

Figure 6-15 Site Development Considerations



Site Plan

- 1 Provide "visual approach corridors"
- 2 Provide angled paving at walk corners
- 3 8' high wall to screen critical areas
- 4 Provide 4' wide area between at walkways
- 5 Provide directional signs that separate traffic
- 6 Locate evergreen trees to protect building from the effects of prevailing winds
- 7 Locate shade trees on south side of building
- 8 Locate planting areas to break-up expanse of paving in large parking areas
- 9 Locate planting to screen views into military police operational areas
- 10 Locate shrubs or ground cover in areas too small to be maintained as lawn
- 11 Provide mowing strips along shrub beds, walls, and fences to reduce maintenance.
- 12 Provide pedestrian walkway lights
- 13 Provide general roadway and parking lights
- 14 Provide security floodlighting for MP areas located for unobstructed surveillance by pole mounted CCTV cameras
- 15 Provide additional landscaping to establish desired character
- 16 Provide drop-off zone adjacent to main entry
- 17 Provide bollards to control traffic, identify drop-off zones, and allow curb-free access by the handicapped
- 18 Provide adequate paved area within secure fence for occasional guard mount inspection
- 19 Locate primary activity Identification sign for easy visibility by oncoming vehicular and pedestrian traffic
- 20 Provide designated or reserved stalls in public and staff parking areas for handicapped personnel.
- 21 Designated "official reserved parking" in public and staff parking areas
- 22 Provide service access area with a wide turning radius for rear unloading
- 23 Locate large shade trees on perimeter of parking areas as a buffer for paved areas
- 24 Locate shade trees along edges of "visual approach corridors" at main public access points
- 25 Provide shade trees on south and west sides of site to screen direct sunlight
- 26 Provide low shrubs where unobstructed view IS required
- 27 Provide landscaping at police entrances to en-frame access points and to soften visual impact in transitional spaces
- 28 Locate small shade trees in parking areas to screen reflected sunlight
- 29 Locate evergreen trees along site boundary or perimeter of buffer zone
- 30 Preserve existing or undisturbed natural landscape.
- 31 Provide earth berms as visual screens
- 32 Provide security fencing for operations

Site Development Considerations

6-4 Illustrative Example C

a. ORGANIZATIONAL DEVELOPMENT This example illustrates the requirements for a hypothetical small size MP facility. The total number of people required to staff the TOE/TDA units authorized for a small scale military police organization is typically up to 39 temporary and permanent duty military and civilian personnel. To illustrate the planning and design requirements for this specific project, a new facility for this particular level and intensity of operation has been planned to accommodate approximately 50 administrative and operational personnel. This facility will serve as the principal support facility for satellited military police administrative and operational activities. As the primary installation activity supporting the law enforcement and crime prevention responsibilities of the installation commander and as the major subordinate troop activity, the MP facility will occupy a prominent position in the physical organization of the main post activities area.

b. RELATED ACTIVITIES While not directly related to any specific functional activity, a working relationship with existing community service facilities will be beneficial to the efficient functioning of MP operations. These activities are presently spaced along a perimeter of the main post area.

c. LONG-RANGE DEVELOPMENT As a comprehensive development of community activities takes place, and as law-enforcement technology and operational techniques change and develop, the present satellited functional activities, as well as other specialized support activities will require increases in the area requirement for activities. The long-range physical development program also includes expansion of requirements for operational support facilities for individual planning units.

d. DESIGN GUIDELINES Comprehensive physical development guidelines for Illustrative Example C include the following concepts:

(1) Physical Development The overall project development strategy for providing the functional requirements of this MP organization will require comprehensive planning and design for new facilities. Medium range and long range organizational development strategies support the need for a phased construction schedule. The primary long-term physical development objective is the eventual expansion of MP related administrative, operation activities corresponding to anticipated changes in the primary missions of supported activities.

(2) Site Development The physical and functional requirements of operational and administrative activ-

ities limit the selection of facility locations. According to general design guidance an ideal situation would be the development of a square site with potential for shared use of the primary support facilities. Also a slope gradient allowing ground level access with direction of access visually separated by contour development and landscaping or by the natural utilization of a partially wooded site is ideal where full site development is consistent with efficiency and economy of land use and the intensity of development designated by the overall installation master plan. However, because of the scale of operations required in the first phase of development and because locations away from the main post areas area will not satisfy the essential requirements for major traffic and pedestrian access to MP facilities, site development must take place on a rectangular site where, due to the reduced area and width, maximum conservation of existing site elements will not be possible.

(3) Facilities Although the limited scope and simplicity of physical needs mandate efficiency and economy as primary in the design of both MP administrative and operational facilities, distinctive site and building elements should be developed to enhance the main post area. Provisions should be made in any case for maximum interior space flexibility. A method of incremental expansion should be provided that is appropriate to the functional requirements and design objectives of future activities. The total consolidation of post activities near the headquarters facility will eventually require joint occupancy by other law enforcement and investigation activities. Where possible, potential common-use of parking facilities should be identified in order to meet the long-term possibilities for joint occupancy or shared-use in an efficient and economical manner.

(4) Individual Functional Requirements (To be developed according to individual space criteria and the space organization guidance for the component activities). For specific guidance refer to Chapters 2 and 4.

e. PHYSICAL DEVELOPMENT OBJECTIVES In order to achieve a broad application of planning criteria for the full spectrum of required military police activities and to permit orderly expansion of component activity areas when required, a concept of space organization is proposed for the principal administrative and operational activities and the general functional support areas required by individual military police activities. The basic physical development objectives of specific activity areas are.

(1) The achievement of required planning and design standards and the development of a functionally integrated military police facility

(2) The maintenance of functional Integrity within major component areas

- (3) The ability to separate and control circulation within and between major activity zones
- (4) The definition of a clear order of movement from public to private to confidential activities
- (5) The ability to provide special environmental and climatic conditions for critical operational activities with a minimum of cost and effort and with maximum effectiveness
- (6) The flexibility to expand operations or change police techniques without a major interruption in law enforcement activities.

f. PHYSICAL AND FUNCTIONAL CHARACTERISTICS OF MAJOR ACTIVITY ZONES

The diagram below illustrates the basic physical and functional characteristics of major activity zones and the functional flow and supervisory relationships of component activities contained within the general activity areas listed below:

Zone 1- Provost Marshal Office: Includes those activities related to the direction of administrative operations and law enforcement activities.

Zone 2- MP Services (Admin.), General Reception and Information: Includes activities related to the control and direction of visitor traffic

Zone 3- MP Services (Ops): Includes those activities related to community services including registration, permits, licenses, and hunting and fishing control

Zone 4- MP Operations (Support Oriented): Includes those activities oriented toward the supervision of uniform motorized and foot patrol, law enforcement, criminal identification and military police investigations

Zone 5- MP Operations (Duty Oriented): Includes those police activities oriented toward the arrest and processing of offenders, the development of crime information and intelligence reports, and case development and processing by military police communications and intelligence systems.

Figure 6-16 Physical Relationship Diagram

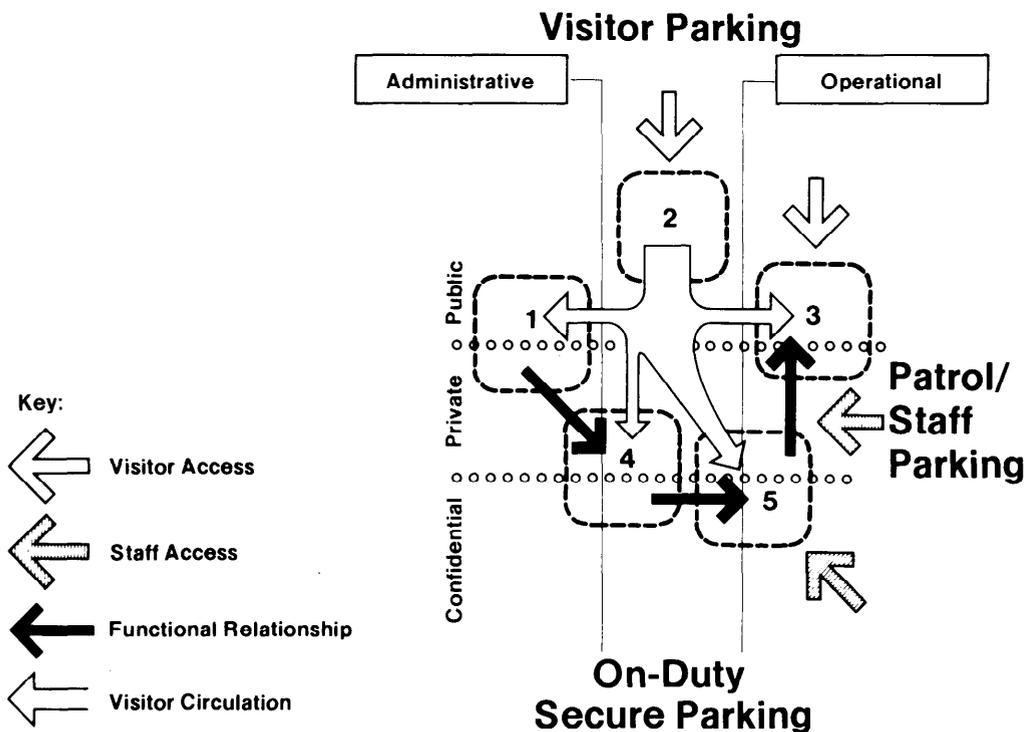


Table 6-8 Summary of Functional Activities

Primary Facility

- 1 PM Office
- 2 Community Relations
- 3 PM Admin. Support
- 4 Public Assistance
- 5 Community Activities
- 6 Registration
- 7 Traffic
- 8 Operations Office
- 9 OPS Admin.
- 10 Liaison
- 11 Community Services
- 12 Absentee Control
- 13 Investigations
- 14 Physical Security
- 15 On-Duty Desk
- 16 Briefing/Training

- 17 Lockers/Showers for Male & Female*
- 18 Operations Storage
- 19 Public Entrance/Lobby
- 20 Public Restrooms
- 21 Staff Toilets
- 22 Staff Lounge
- 23 Staff Entrances
- 24 Maintenance 8 Operational Supply Area
- 25 Mechanical Equipment

Support Facility

- 26 Patrol POV Parking
- 27 Guardmount/Secure Parking/Impound Lot
- 28 Operations Equipment Storage
- 29 Staff POV Parking
- 30 Registration Services/Visitor Parking
- 31 Building Services Access (Loading Dock)

*Female locker & shower space requirements will be ten percent of male locker & shower space requirement

Figure 6-17 Functional Relationship Diagram

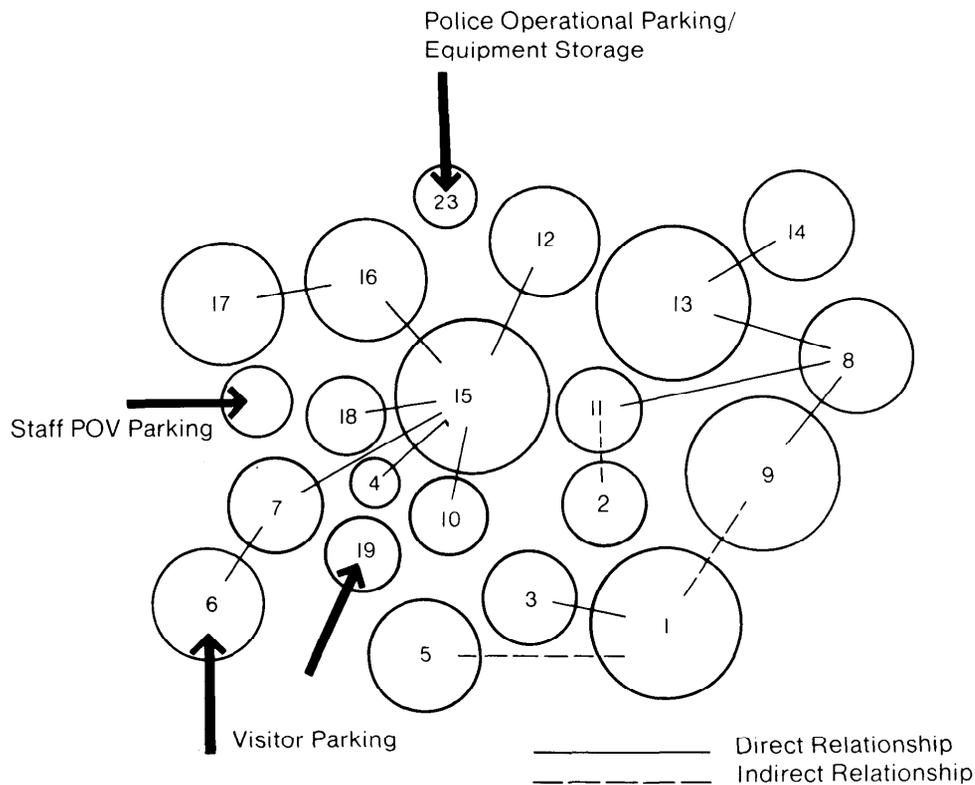


Figure 6-18 Area Planning Diagram

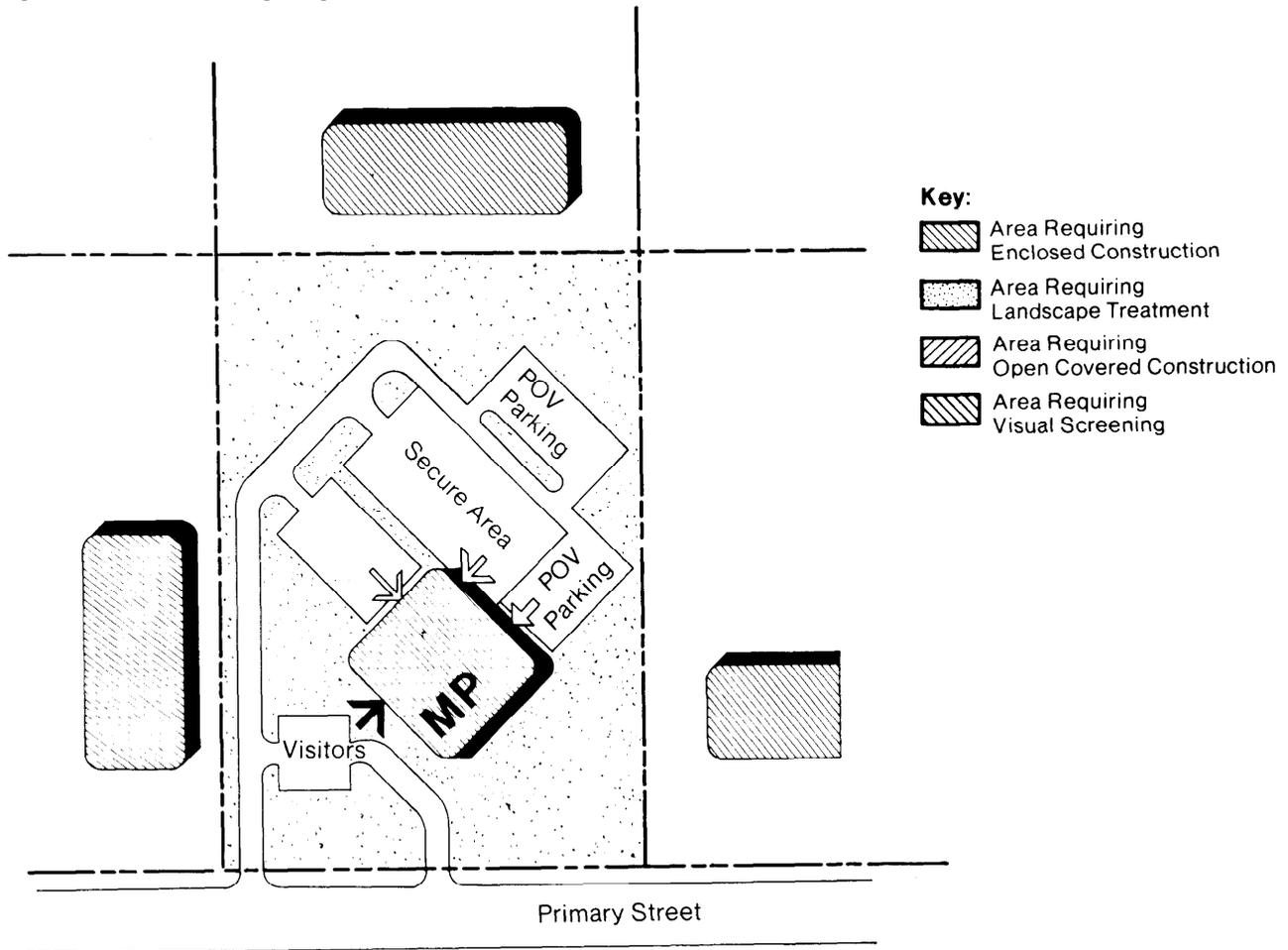


Figure 6-19 Building Elements Diagram

Building Elements Diagram

Key:

- A — Zone 3 — Registration
- B — Zone 4 — Traffic
- C — Zone 2 — Public Asst.
- D — Zone 1 — PM/OPS Admin
- E — Zone 4 — Operations Office
- F — Zone 5 — Operations Support
- G — Zone 5 — Detention/AWOL
- H — Zone 5 — MP Desk
- I — Zone 5 — Physical Sec. and Investig.

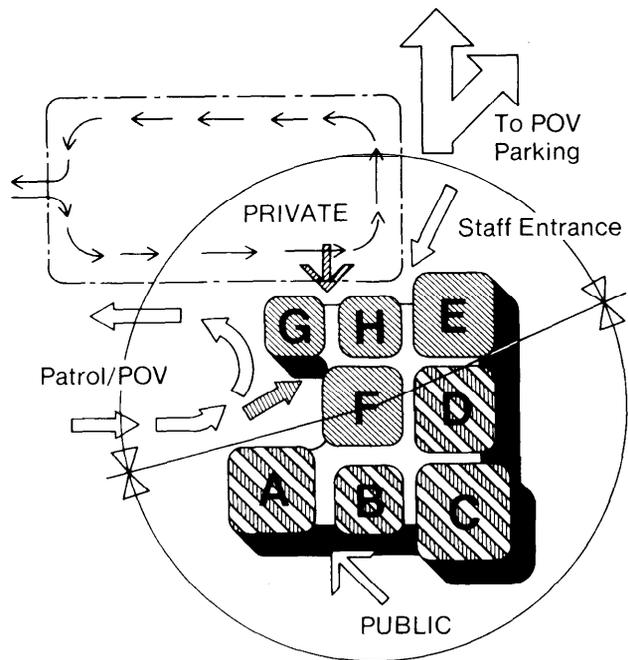
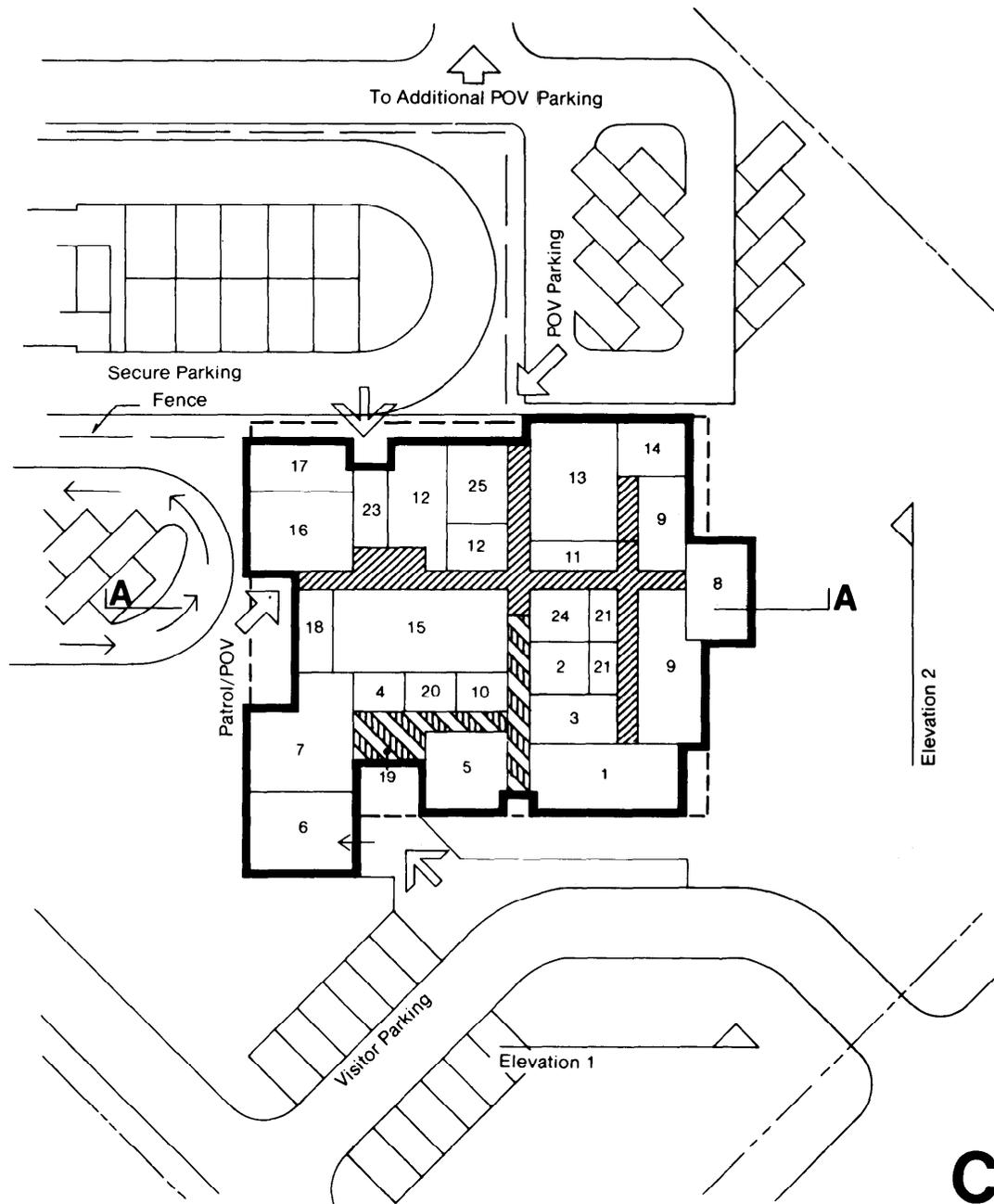


Table 6-9 Summary of Facilities Components
 Small Size Facility

	Facility Components	Staff	Space
Zone 1	Provost Marshal Activities	8	1,618
	1—Provost Marshal Office		
	2—Community Relations 3—PM Administrative Support		
	Total	8	1,618
Zone 2	Military Police Services (Administration Related)	(1)*	1,830
	1—Public Assistance		
	2—Community Activities		
	Total	(1)*	1,830
Zone 3	Military Police Services (Operational Related)	8	2,083
	1—Registration Services Section		
	2—Traffic Section		
	Total	8	2,083
Zone 4	Military Police Operations (Operations, Support Related)	22	4,807
	1—Operations Office		
	2—Operations Administration		
	3—Operations Support Services		
	(a) Liaison Section		
	(b) Community Service Section		
(c) Absentee Control/Detention			
	Total	22	4,807
Zone 5	(Routine On-Duty Related)	12	5,716
	4—Investigations		
	5—Physical Security		
	6—On-Duty Operations		
	7—Operations Support Facilities		
	(a) Briefing/Training/Lounge		
(b) Lockers and Showers			
(c) Operations Equipment Storage			
	Total	12	5,716
	Net Functional Area	50	16,054
	Net Area Planning Factor		1,605
	Mechanical Equipment Area		801
	Primary Facility Requirements	50	18,460
	Functional Support Facilities		
	Patrol/POV Parking		36,000
	Guardmount/Secure Parking/Impound Lot		7,200
	Operations Equipment Storage		300
	Staff POV Parking		9,600
	Registration Services/Visitor Parking		3,600
	Building Services Access (loading dock)		500
	Open Space		25,956
	Access & Circulation Space		12,978
	Support Facility Requirements		63,739
	Minimum Site Area Requirements		82,194
	Minimum Area Requirements		82,194

Figure 6-20 Building Floor Plan



Key:

Primary Facility

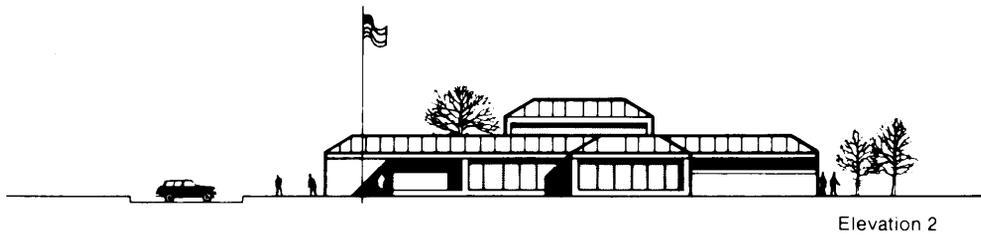
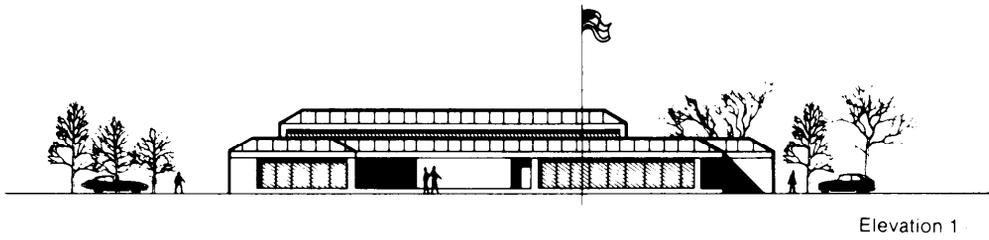
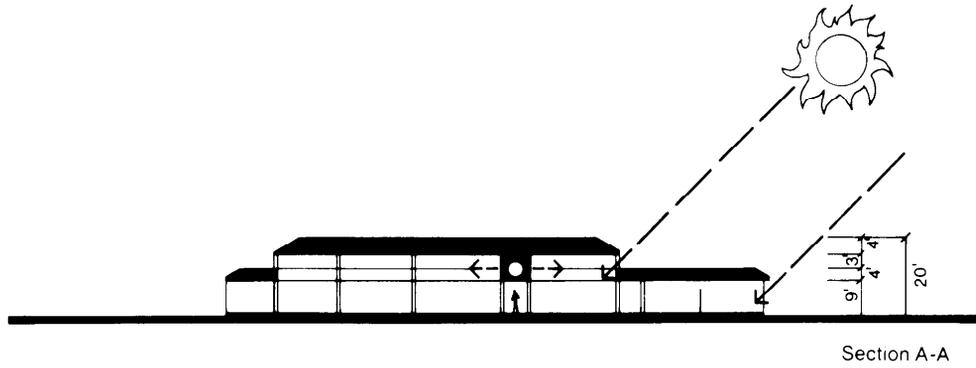
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- 11 Community Services
- 12 Absentee Control
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- 14 Physical Security
- 15 On-Duty
- 16 Briefing/Traffic
- 17 Lockers/Showers for Male & Female
- 18 Operations Storage
- 19 Public Entrance/Lobby
- 20 Public Restrooms
- 21 Staff Toilets
- 22 Staff Lounge
- 23 Staff Entrances
- 24 Maintenance & Operational Supply Area
- 25 Mechanical Equipment

Support Facility

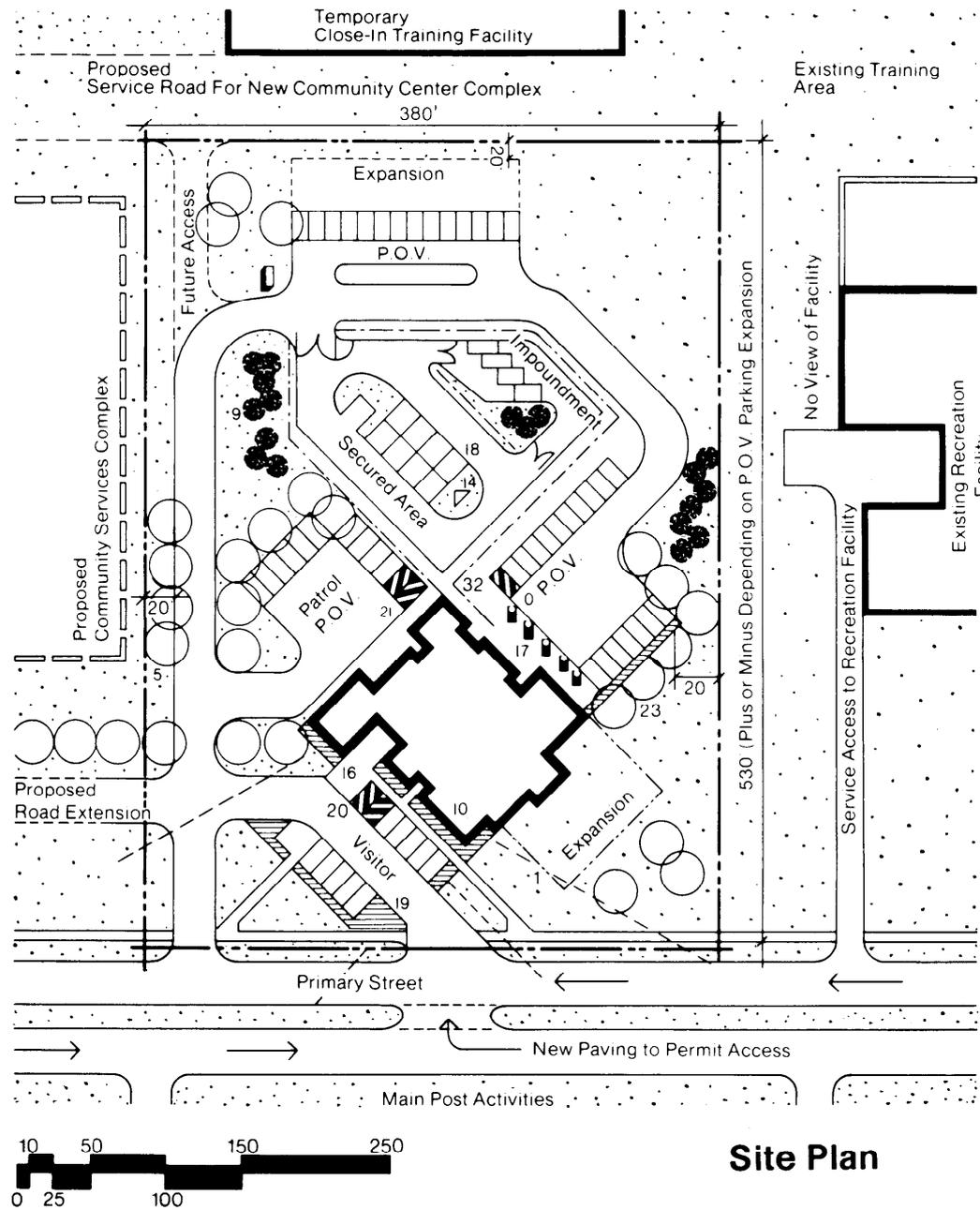
- 26 Patrol/POV Parking
- 27 Guardmount/Secure Parking/Impound Lot
- 28 Operations Equipment Storage
- 29 Staff POV Parking
- 30 Registration Services/Visitor Parking
- 31 Building Services Access (Loading Dock)

Figure 6-21 Elevation and Section



C

Figure 6-22 Site Development Considerations



- 1 Provide "visual approach corridors"
- 2 Provide angled paving at walk corners.
- 3 8' high wall to screen critical areas.
- 4 Provide 4' wide area between at walkways.
- 5 Provide directional signs that separate traffic
- 6 Locate evergreen trees to protect building from the effects of prevailing winds.
- 7 Locate shade trees on south side of building.
- 8 Locate planting areas to break-up expanse of paving in large parking areas
- 9 Locate planting to screen views into military police operational areas.
- 10 Locate shrubs or ground cover in areas too small to be maintained as lawn
- 11 Provide mowing strips along shrub beds, walls, and fences to reduce maintenance.
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- 15 Provide additional landscaping to establish desired character.
- 16 Provide drop-off zone adjacent to main entry
- 17 Provide bollards to control traffic, identify drop-off zones, and allow curb-free access by the handicapped.
- 18 Provide adequate paved area within secure fence for occasional guard mount inspection
- 19 Locate primary activity identification sign for easy visibility by oncoming vehicular and pedestrian traffic.
- 20 Provide designated or reserved stalls in public and staff parking areas for handicapped personnel
- 21 Designated "official reserved parking" in public and staff parking areas
- 22 Provide service access area with a wide turning radius for rear unloading
- 23 Locate large shade trees on perimeter of parking areas as a buffer for paved areas
- 24 Locate shade trees along edges of "visual approach corridors" at main public access points
- 25 Provide shade trees on south and west sides of site to screen direct sunlight
- 26 Provide low shrubs where unobstructed view IS required.
- 27 Provide landscaping at police entrances to en-frame access points and to soften visual impact in transitional spaces.
- 28 Locate small shade trees in parking areas to screen reflected sunlight
- 29 Locate evergreen trees along site boundary or perimeter of buffer zone
- 30 Preserve existing or undisturbed natural landscape.
- 31 Provide earth berms as visual screens
- 32 Provide security fencing for operations

Site Development Considerations