

Dover Air Force Base

architectural compatibility plan



Vision

An Architecture of Community is the long-range vision for Dover Air Force Base. This is a vision of excellence displayed in a high-quality corporate image for facilities, the landscape, and the environment. Its architecture is a language understated by post-modern and neo-classical form that remains uncluttered in a well-developed landscape setting.

Architectural compatibility and Community can be achieved by understanding the vision for the base and by refining its design vocabulary. Successful examples of high quality facilities, landscaping, and streetscapes are presented in this Architectural Compatibility Plan (ACP). These examples depict the design standards that will ensure compatibility and achieve the vision of excellence.

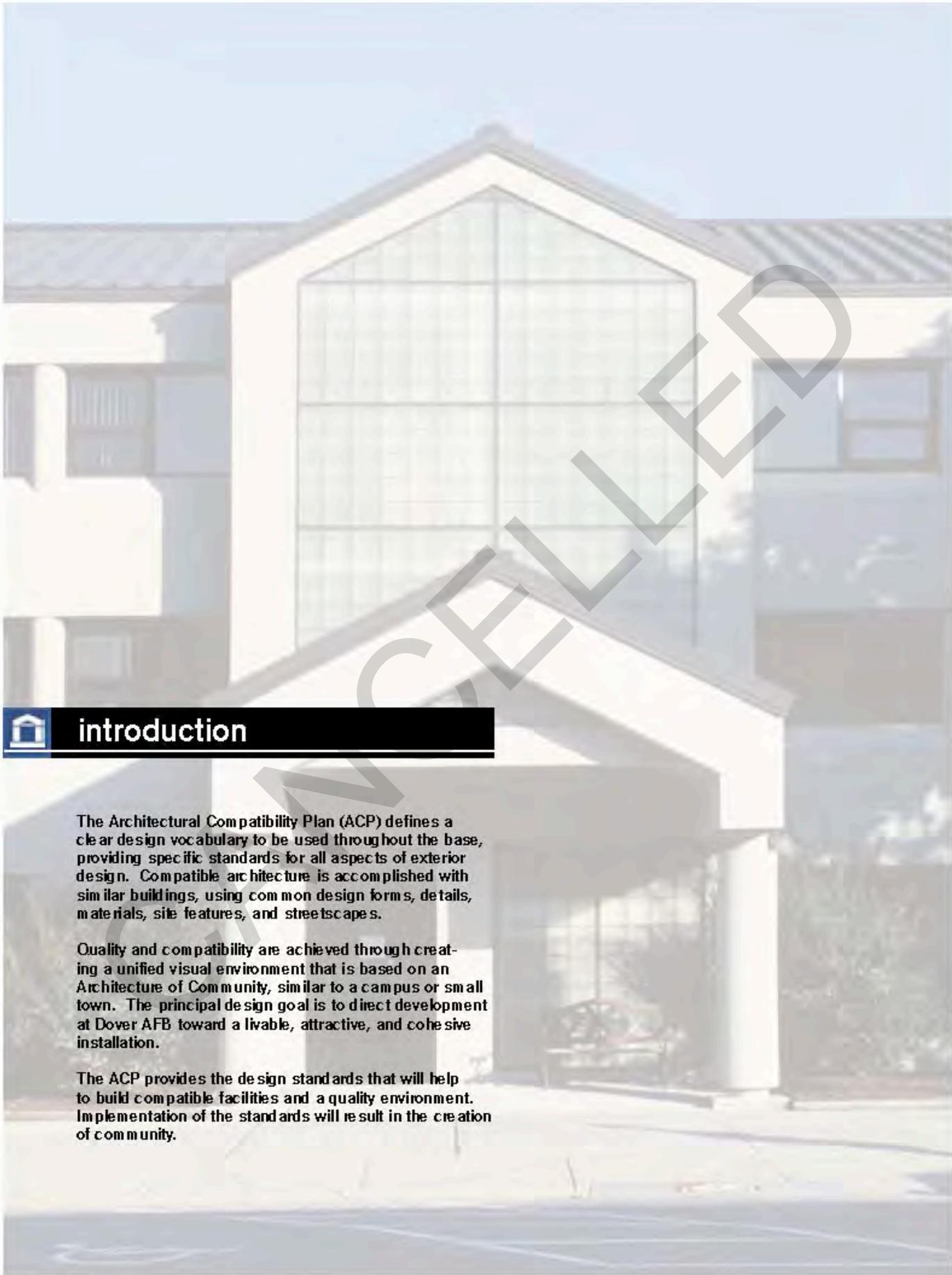




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introduction

The Architectural Compatibility Plan (ACP) defines a clear design vocabulary to be used throughout the base, providing specific standards for all aspects of exterior design. Compatible architecture is accomplished with similar buildings, using common design forms, details, materials, site features, and streetscapes.

Quality and compatibility are achieved through creating a unified visual environment that is based on an Architecture of Community, similar to a campus or small town. The principal design goal is to direct development at Dover AFB toward a livable, attractive, and cohesive installation.

The ACP provides the design standards that will help to build compatible facilities and a quality environment. Implementation of the standards will result in the creation of community.



Purpose

The purpose of the ACP is to define design standards for buildings, site development, and streetscapes that serve to integrate the visual character throughout the base.

The ACP will help ensure consistent quality design decisions by commanders, planners, architects, engineers, maintenance staff, and residents. It promotes clear, concise communication between the Dover AFB personnel and design professionals.

This plan applies to self-help initiatives, small projects, and operations and maintenance activities as well as large construction efforts.

The ACP is referenced from and supports the Dover AFB General Plan as a key component plan.

How to Use This Plan

The ACP defines three distinct architectural settings: Basewide, Flightline/Industrial, and Family Housing (see the map below).

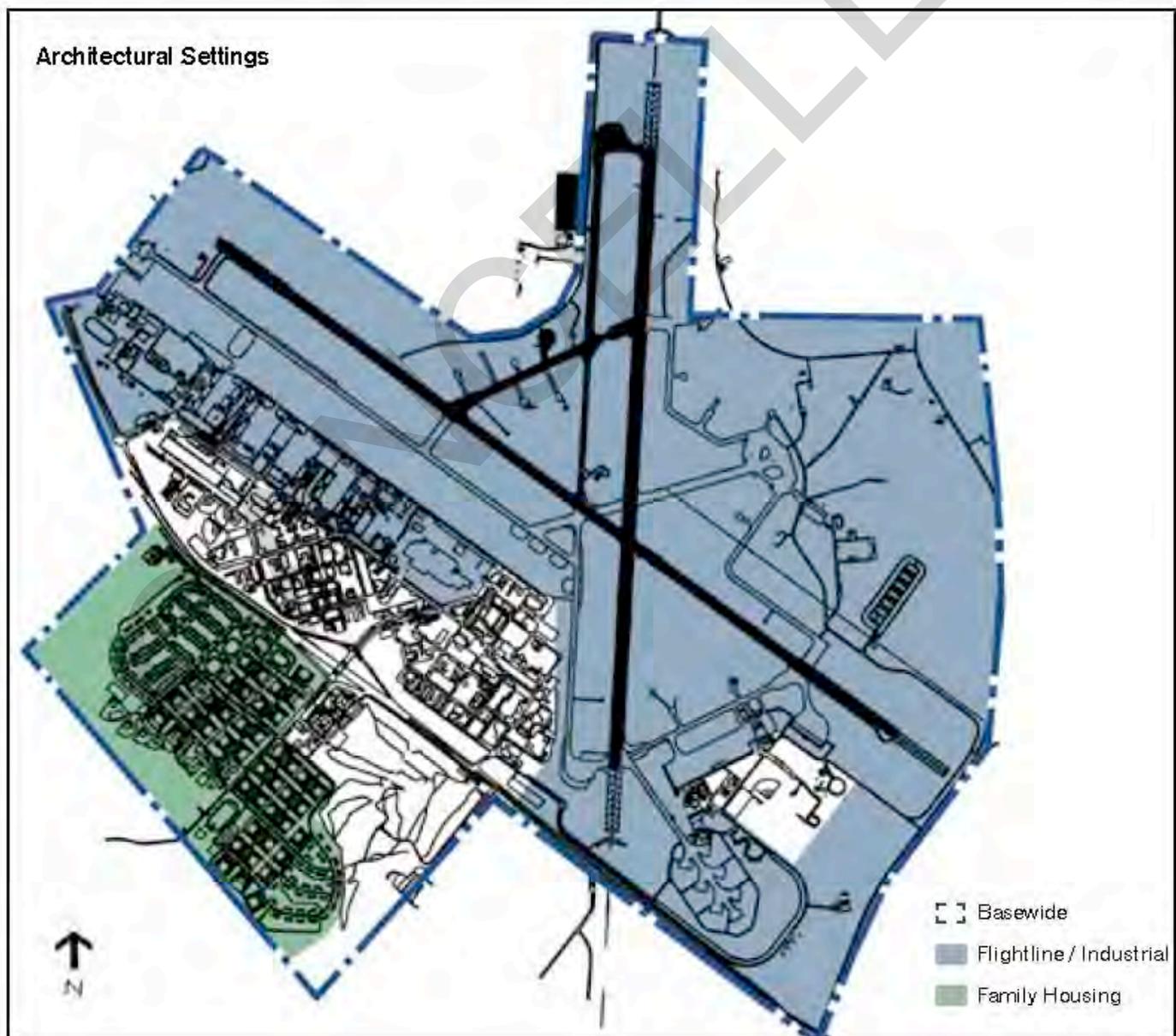
General and specific design standards for all buildings are included in the Basewide setting. Basewide standards shall be applied to all projects. When a project is located in the Flightline/Industrial, or Family Housing setting more specific standards from those Sections of the ACP shall be applied.

The Implementation Section of the ACP outlines key elements to ensure success in designing and constructing excellent facilities. It discusses the traditional design process, highlights the importance of site analysis, and describes the role of the Architectural Compatibility Review Board (ACRB). The implementa-

tion section defines methods to facilitate the coordination and approval of design submittals.

Finally, the Appendices provide additional information including an index; a list of building materials, site amenities, colors, and landscape materials; and a checklist for the ACRB and project personnel. Use the Appendices in conjunction with the general text of the ACP as a quick reference to specific materials and color specifications.

A poster is available upon request that displays photographic examples of the Dover AFB community.





 **design standards**

Design standards for buildings and supporting elements are outlined in this section. These standards encourage architectural compatibility using common forms, materials, colors, and architectural details.

The first priority is to achieve architectural compatibility for Dover Air Force Base as a whole. The second priority is compatibility within an architectural setting or sub-area. Outstanding designs for individual buildings or facilities are the third priority. The goal is to design excellent facilities that satisfy all of these priorities.



Dover AFB has established a direction towards architectural unity. The existing architecture depicts a predominant materials palette and a consistency of material detailing. The following design standards are applicable to the entire installation, to both host and tenant organizations.

Site planning and site development issues contribute significantly to the architectural context. Building setbacks and the scale and definition of space are as fundamental to creating architectural compatibility as consistent facade designs. Develop exterior spaces to promote pedestrian use and activity and to connect buildings and the landscape. Use the landscape with other visual elements to create greater continuity.

■ BUILDINGS

Achieving compatibility among buildings is essential in creating an Architecture of Community. Develop facilities with a common design theme and character to enhance architectural compatibility. Unity is the goal, not conformity.

Style / Form

- Place buildings at grade with the entrance expressed as a feature.
- Emphasize horizontal proportions on building elements.
- Rectangular elements are the standard for major building masses. Use clean, simple, contemporary forms and avoid curves or angular elements in plan.
- Use brick as the predominant wall material with stucco accents combined with sloped metal roofing and pronounced eaves with moderate overhangs.
- Develop a strong relationship between buildings and exterior spaces.
- Articulate building facades to create areas of shade and shadow.

Scale / Massing

- Reduce the monumental appearance of large structures by developing smaller massing components.
- Break up the mass of large structures to allow for sloped roofs to the maximum extent.
- Combine functions whenever possible to avoid a proliferation of small independent structures.

Existing Buildings

- Match the existing materials for addition / alteration projects unless a significant change to the exterior envelope is included.
- Whenever possible bring existing facilities into compliance.



■ WALL SYSTEMS

Walls provide the principal details and architectural features for buildings that contribute significantly to the character of the base. Limit the pallet of materials maintain consistency in material and color to reduce visual clutter caused by too much diversity.

Brick

- Use Dover Tan standard-size face brick in a running bond pattern with tooled concave joints as the standard.
- Use header, rowlock, and soldier coursing with corbelling, relief or other accents to create shadow lines.
- Brick may be used when appropriate for lintels and sills.
- Promote the use of relief in brick surfaces creating shadow lines.
- Conceal expansion joints with downspouts or locate them at transitions in the wall such as at pilasters or reveals.
- Use natural colored Portland cement mortar.
- Efflorescence in masonry work is unacceptable. Measures must be provided to prevent it.

Stucco

- Use stucco for subtle accents to brick and as the wall finish for renovations when brick is not feasible.
- Tan is the primary color for stucco. Dark tan stucco may be used as an accent on stucco walls with ACRB approval.
- Sand finish is the standard.
- Use a three-coat, cement based stucco. Using of final finish of synthetic hardcoat over the scratch and brown coats is acceptable.
- Coordinate joint patterns with relief in the wall such as at pilasters to minimize their presence.
- Protect stucco from damage by lawn maintenance equipment with landscape buffer or mow strip.





Architectural Precast

- Precast is appropriate for lintels, sills, water tables, belt courses, and friezes.
- Natural Portland Cement is the standard color.
- Use precast sparingly to ensure that brick remains the prominent material.

Other Materials

- Distinguish the base from the facade with detailing and/ or a change in material.
- Limit the use of pre-finished metal wall panels to industrial / flightline facilities and special applications only with ACRB approval.
- Factory finish all exposed metals with a powder-coat application such as Kynar-500.
- Joint sealants shall match the color of the darker adjacent surfaces. When adjacent surfaces are the same color use a 10% darker joint sealant in the same color.

Accents / Detailing

- High-visibility facilities shall demonstrate a greater application of detailing.
- Use accents such as horizontal banding, medallions, and friezes to highlight entries and to enliven facades.
- Use joints, reveals, recessed panels, and expressed pilasters to break up flat facades and add visual interest.

Wall Components

- Organize and coordinate placement of all mechanical, electrical, lighting, communication, and other building components, including downspouts and vents, into the overall architectural design.
- Do not expose conduits, cables, and piping on walls.
- All gas meters, fire bells, vents, louvers, and electrical / communication boxes shall match the wall surface color on which the equipment is mounted.
- Wall-mounted light fixtures shall be coordinated with the architectural features.



■ ROOF SYSTEMS

Consistency in the roof color, material, and form plays a vital role in architectural compatibility. Make roofs comparable in shape, slope, material, and color throughout the base.

General

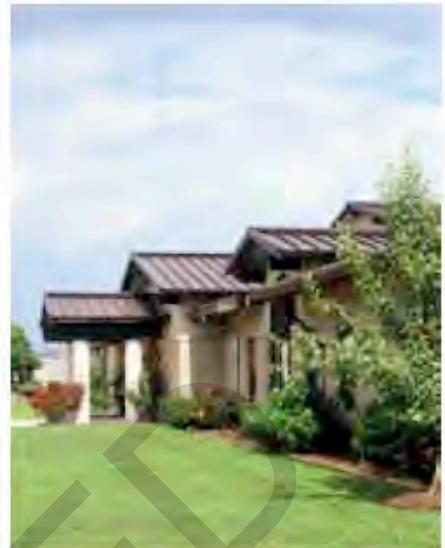
- Hipped roofs are preferred for most buildings. Gabled end walls with sloped parapets may also be used.
- Open gabled elements may be used to accent entries.
- Slopes shall be between 4:12 and 6:12.
- Dutch-hipped roofs may be used with ACRB approval.
- Do not use large overhangs. Keep overhangs proportional to the size and height of the building.
- Low-sloped roofs are allowed for larger structures in combination with sloped metal roofs, or add/alt projects with ACRB approval.

Materials and Color

- Use factory-finished, standing seam metal roofing on sloped roofs, with a 16-inch wide panel and a 2-inch raised standing seam.
- Roofing shall be dark bronze.
- Roof flashing shall match the roof material and color.
- Stepped flashing at the intersection of roofs and walls shall match wall color.
- Membrane roofing for low-sloped roofs may only be used with ACRB approval. A warranted minimum slope of 1/2: 12 is required.

Parapets / Copings

- Sloped parapets on the gabled end should be the same slope as the roof.
- Factory-finished metal or properly-flashed precast concrete copings may be used on brick parapet walls.
- All precast copings should have raked joints filled with elastomeric joint sealants.
- Use factory-finished metal copings on stucco and metal wall panel parapet walls, matching the wall color. Behind a parapet wall, coping, flashing, and counter-flashing should match the roof color.





Fascias, Gutters, and Downspouts

- Incorporate continuous metal fascias that are no more than 8 inches in height for all sloped roofs.
- Avoid the use of turn-down standing seam metal fascias.
- Fascia finish shall match the roof color when occurring with metal roofing.
- Gutters on sloped roofs are encouraged and shall be factory finished to match the roof color.
- When roofs are not visible, fascias shall match the color of the adjacent surface.
- Connect downspouts to the storm drainage system wherever possible.
- Integrate downspouts with architectural details and match their color with that of the wall. Dark bronze may be used with ACRB approval.
- Interior roof drains and open scuppers are allowed only with approval of the ACRB.

Roof Vents and Elements

- Minimize, consolidate, and organize roof penetrations on the least visible side of the building.
- PVC pipes and other roof elements must be finished to match the roof color.
- Do not use rooftop mechanical units. When required, minimize the negative visual effects with screening to match the roof color.
- Consider the use of dormer vents to conceal and screen exhaust fans.
- Avoid roof-mounted antennas.

■ ENTRANCES

Entrances not only act as the transitional element from exterior to interior, they also provide opportunities to create a focal point on a façade. They establish a user's first impression and delineate the importance of the building by the size and architectural detailing of the entrance structure.

General

- Ensure the building entrance is clearly visible and highlighted as a prominent feature.
- Projected entrance features with gabled roof forms are preferred.
- Create enclosed vestibules and weather-protected transition spaces at entrances.

Primary Entrances

- Provide overhead enclosure for weather protection.
- Use accent pavers in approach walkway or at entry plaza feature.
- Integrate handicapped ramps in to overall design.
- Locate newspaper, vending machines, and similar elements out of view to avoid visual clutter.

Secondary Entrances

- Reflect the character of the primary entry but to a lesser extent.
- Recessed entries are acceptable to provide areas of shade and weather protection.

Service and Emergency Egress

- Minimize visual impact with proper siting and access.
- Provide unobtrusive service entrances physically and visually separated from primary and secondary entrances.
- Use landscaping and screen walls to screen and separate loading docks.
- Do not use canopies at emergency egress doorways.

Drop-offs and Porte-cocheres

- Limit porte-cocheres to special, high profile facilities.
- Design as an integral part of the building entrance using the same style, form, and materials.
- Treat these sites as special, high-profile design areas with corresponding amenities, design accents, and formal landscaping.

Hand rails

- Handrails shall be factory-finished with a surface matching dark bronze.
- Integrate handrail designs with the facility design.

Plazas and Courtyards

- The use of plazas and courtyards is encouraged at primary and secondary entries.
- Use concrete surfacing with special joint patterns and/or red colored concrete accent pavers with ACRB approval.
- Incorporate landscaping and lighting into the design.





■ WINDOWS AND DOORS

Windows and doors create a compliment in the facade and must be considered as individual details and for overall arrangement, order, and scale.

Openings

- Use window type, size, placement and mullion pattern to emphasize the overall architectural design.
- Use regularly spaced windows to establish contextual rhythms.
- Set windows back at least 2 inches from the building facade.
- Incorporate operable windows with screens where possible.
- Transom windows / elements above doors / windows are encouraged.

Doors and Frames

- Use dark bronze aluminum storefront systems with thermal-break construction.
- Door, frame, and hardware colors shall match and be dark bronze.
- All secondary-use and service doors and frames shall match adjacent surfaces.
- Limit hollow metal frames to security doors, utility rooms, and outlying sites.
- Sealants applied adjacent to windows and doors shall match the frame color.

Glazing

- Use bronze tinted, dual-pane insulated e-glass.
- Mirrored, spandrel, glass block and plastic glazing shall not be used.
- Use off-white or dark bronze frames to match the architectural features.

Clerestories and Skylights

- Develop clerestories or low-profile skylights integrally with the building design using either glass or translucent insulated panels.
- Match clerestory windows with dark bronze colored frames.

Security Screens

- Electronic security systems or security glazing are preferred to physical screens or bars.
- Where physical barriers are required, develop simple rectangular designs that are unobtrusive.

■ ANCILLARY STRUCTURES

Similarity in ancillary structures, color, and materials provides continuity in the outdoor spaces on the base and reduces overall visual clutter.

General

- Construct structures using the approved Dover Tan brick, metal roofs, and precast concrete details.
- Stucco may be used with ACRB approval.
- Coordinate the siting of all ancillary structures with each other and adjacent buildings.
- Use non-weathering, corrosion resistant materials.
- Landscape ancillary structures consistent with larger structures.
- Integrate the structure with landscaping, and other site elements.
- Do not use temporary buildings or outdoor storage facilities.
- Minimize the use and number of storage buildings, and consolidate in low-visibility areas.

Pavilions

- Centrally locate pavilions between several facilities to create multipurpose use.
- Use manufactured pavilions only in low-visibility locations.
- Wood gazebos are not allowed.
- Bike storage pavilions should match the materials of the adjacent facility.
- Do not use enclosed bike storage lockers.
- Use scored pavement patterns, or brick pavers with ACRB approval, as an accent.

Trellises and Arbors

- Incorporate trellises in to the design of high-visibility facilities to create areas of shade and interest.
- Construct of low maintenance materials.
- Integrate with building design / style and entry plazas or outdoor spaces.
- Use commercial / non-residential style and detailing.
- Incorporate vines or other landscape materials in the design.





■ SCREENS AND ENCLOSURES

Screens and enclosures help to minimize the visual impact of undesirable features and provide separation and security where necessary. Both architectural and landscape screens – separately and in combination – can be applied to achieve visual continuity throughout the base.

General

- Where possible, use landscaping instead of walls for screening.
- Use landscaping to soften walls, fences, and screen dumpsters.
- Locate utility components in the least visible area with adequate access to minimize the need for screening.
- Ensure screens are high enough to conceal equipment, vending machines, and utilities.



Walls

- Construct freestanding walls with brick piers / columns and of split-faced block in fill with a precast cap.
- Articulate long walls with recessed sections for planting.
- Generally, do not attach screen walls to buildings.
- Do not place screen walls immediately adjacent to roadways or sidewalks.
- Walls adjacent to brick buildings shall use brick with precast concrete cap.

Fences

- Use decorative metal fencing with brick columns and low split-face block walls for high-visibility areas that don't require visual separation.
- Vinyl-clad chain link fencing shall be black in industrial areas and dark green for perimeter fencing.
- Wood is allowed only in the Family Housing setting.

Dumpster Enclosures

- Locate dumpsters to minimize visual impact.
- For new facilities, combine dumpster enclosures along service drives.
- Use split face block walls with brick piers at the corners. Cap walls and piers with precast coping.
- In high-visibility locations provide dark bronze gates to screen dumpsters.
- Provide dark bronze protective bollards.
- Provide concrete pads and access aprons.
- Include landscaping areas and provisions for pedestrian access.

Force Protection

- Observe force protection requirements, integrating physical measures with the architecture.
- Use a combination of walls, bollards, and tensile cables with landscape beds.
- Develop all security walls to comply with the walls standards above.
- Minimize the visibility of all force protection devices with landscaping and in integral designs.
- Jersey Barriers are allowed only with ACRB approval. Do not paint.
- Promote the use of polymer concrete portable planters as a barrier system.

■ LANDSCAPING

Use landscaping to enhance facilities and to unify the base. Establish a central organizing landscape theme that unifies and connects individual facilities.

Maintenance

- Establish a maintenance program.
- Use only approved planting materials as specified on the Landscape Materials listing Appendix A3.
- Allow shrubs to mass naturally and avoid ornamental pruning.
- Use 3/4-inch red barnyard stone in planting beds around facilities and shredded hardwood red mulch around individual plantings.
- Provide sprinkler systems in planting beds and high-visibility areas.

Edging

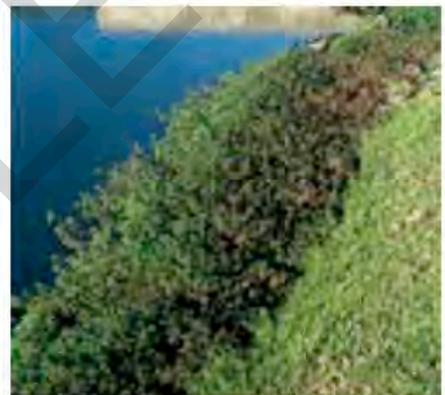
- Separate and define all planting areas from sod areas with metal edging.
- Spade-cut edges are acceptable in low-visibility areas.
- Raised planting beds constructed of brick or split face block may be used in focal-point areas.
- Wood, timber, and plastic edging is not allowed.

Landscape Screens

- Where possible, use landscaping instead of walls for screening.
- Reduce the negative visual impacts of parking areas and unsightly features with landscape screening.
- Use a three-tier landscaped screen that combines ground covers, shrubs, and small trees.
- Vary plant species, and avoid regularly-spaced similar trees; use clusters.

Roadways

- Primary roadways use same species, deciduous and coniferous street trees equally spaced to coordinate with light standards.
- Secondary and access roadways use a more random spacing of mixed species in clusters and/or groupings at focal points.
- Plant street trees on the building side of sidewalks.





Parking Areas

- Use shrubs in groupings and landscaped berms to soften the visual impact of parking areas.
- Reduce visual impact of large parking areas with landscape buffers and parking islands.
- Use deciduous street trees in medians and islands to create shade and interest.
- Fill in between trees with low shrubs, flowers, and ground covers. Allow areas for pedestrian cross circulation.
- Avoid the use of hedges outlining parking areas.

Facility

- Use landscaping elements that compliment building architectural features and proportions.
- Provide a soft transition from the horizontal ground plane to the plane of the building.
- Highlight building entries and architectural features and screen unattractive building features such as utility risers or service areas.
- Design randomly spaced plantings and tree massing to fill-out areas between facilities.
- Use ground covers within planting beds.

Open Spaces

- Use turf for all recreation areas, parade grounds, lawns, and open fields.
- Create undeveloped natural areas using native grasses and shrubs.
- Incorporate maintenance-free ground cover materials in areas of steep slope or areas that are difficult to maintain.



WALKWAYS AND PATHS

Develop a consistent pedestrian circulation system of walkways and paths to enhance the community environment. Connect passenger waiting shelters, outdoor plazas, parks, and other pedestrian gathering sites into the overall circulation network.

Sidewalks

- Provide walkways a minimum of 5 feet wide along all primary, secondary, and access roadways.
- Maintain a minimum 3-foot wide landscaped parkway between curb and sidewalk.
- Provide curvilinear, meandering walks for dormitory and housing areas.
- Highlight special-use locations, such as plazas, building entrances, and important intersections, with Dover Red brick paving with ACRB approval.
- Size sidewalks appropriately for the visual scale of the facility and the amount of pedestrian traffic volume.
- Use natural colored concrete with a broom finish and troweled edges for all walkways in developed areas.
- In areas of secondary importance, building entrances should make use of joint patterns.

Crosswalks and Ramps

- Ensure that all paths lead to the safest crossing point possible, and cross roadways at 90-degree angles.
- Incorporate ADA access curb ramps and crosswalk markings in to all crosswalks.
- Use reflective paint or white striping to delineate crosswalks at special areas.
- Mark crosswalks with 24"-wide longitudinal lines spaced four feet on center with no transverse lines.
- Construct all concrete curb ramps with a waffle stamp pattern and flared curb ramps.
- Provide for adequate drainage away from the ramp or by drainage grates.

Plazas and Courtyard Paving

- Use Dover Red brick or concrete pavers as a unifying theme.
- Concrete or brick pavers may be used as banding or at edges to create highlights.
- Use a basket weave or running bond paving pattern.

Recreation Trails

- Provide a minimum 6-foot paved width in a free form configuration that follows the contours or other natural features.
- Separate the trail system from vehicular traffic by a minimum of 10 feet.
- Take advantage of natural environments such as the golf course, wetland areas, etc.
- Incorporate activity generators, interpretive signs and recreation opportunities.
- Provide a 5-foot by 10-foot paved rest area approximately every mile. Include a bench and litter receptacle at each location.
- Use asphaltic concrete for trail systems. In highly natural settings such as wetlands and wooded areas use compacted, crushed fines.





■ ROADS

Develop the transportation network to provide a consistent experience throughout the base. An organized system of primary, secondary, and tertiary arteries must reinforce a logical hierarchy of design features.

Primary

- Primary roadways are the widest and fastest arterials and will often contain two lanes of traffic in each direction often with planted medians.
- Minimize stops and turns, and eliminate on-street parking.
- Parking and service access curb cuts are discouraged.
- Keep parking areas and buildings away from the road edge.

Secondary

- Secondary roadways are feeder streets from access roads to primary roads.
- On-street parking is discouraged.
- Keep off-street parking areas away from the road edge.
- Minimize the number of curb cuts from driveways and area entrances.



Tertiary

- Tertiary roadways are the narrowest and slowest public streets and provide access to individual sites or parking areas.
- On-street parking and curb-cuts for driveways, parking lot entrances, and services drive entrances are allowed.
- Maintain capability for large vehicles such as fire trucks and moving vans.

Service Drives

- Service drives provide access for service vehicles to certain parts of a building or site.
- Combine service drives for several facilities where possible.
- Maintain setback between the building and service drive.
- Minimize the visual impact of service drives through correct placement of drives and landscape screening.

Paving

- Use asphalt paving for all primary, secondary, and access roadways.
- Use concrete paving in loading areas, dumpster enclosures and sites used by heavy vehicles.
- Gravel surfacing may be used on patrol roads and outlying sites only.
- Incorporate a concrete apron where gravel roads meet paved roads.
- All patching shall match adjacent materials.
- Brick and concrete pavers shall match Dover Red.
- Use only white striping except when painting yellow no-passing striping.

Curb and Gutter

- Comply with base CE standards for all 6-inch integrated concrete curb and gutter for all roadways and drives in developed areas.
- Patrol roads and service drives in outlying areas may not require curb and gutter, with ACRB approval.
- Wheel stops in lieu of curbs are not allowed.
- Do not paint concrete curbs.



■ PARKING

Develop functional lots with clear circulation and a positive appearance that complements the facility. Provide a pleasant transition from the parking area to the facility.

General

- Reduce large parking areas with landscaped islands and planting strips.
- Parking layout must address maintenance, snow removal, safety, and accessibility issues.
- Combine parking areas for adjacent facilities.
- Avoid parking directly in front of primary building entrances.
- Provide spacing between parking lots and buildings in compliance with force protection standards.
- Avoid parking on roads or within 40 feet of an intersection.
- Use the 90-degree parking configuration when possible.
- Provide 4" wide white striping for all pavement markings.
- Do not paint handicapped parking symbols to the asphalt.

Medians and Islands

- Provide planting medians for every four rows of vehicles and planting islands for every 20 stalls.
- Coordinate layout for light poles with the islands and minimize their number to provide the required illumination.
- Provide designated areas for pedestrian cross traffic.

Reserved Parking

- Minimize the number of reserved spaces.
- Designate spaces by rank or title with curb-mounted signs.

Paving

- Asphalt paving is the standard.
- Use concrete where required for heavy vehicles, motorcycle parking, and where fuel spills may occur.

Curb and Gutter

- Use concrete curbs and gutters for parking areas.
- Asphalt curbs, wood timbers, and precast wheel stops are prohibited.
- Do not paint concrete curbs.





■ SIGNS

Signs are an important and positive element in the overall base appearance. Their purpose is to clearly communicate necessary or helpful information for directions, identification, and customer service without adding visual clutter.

General

- Use concise, clear signing in accordance with Air Force, AMC, and Dover AFB Sign Standards.
- Minimize the number of signs used for each facility.
- Signs must be consistent in style, placement, color, and language.
- Avoid mottoes, insignias, super graphics, or individual titles on buildings or identification signs.



Color

- Use Park Service Brown for backgrounds with reflective white lettering on metal placards unless as noted in regulation signs.
- Use dark bronze square metal posts.
- Finish back of sign and fastening devices dark bronze.

Identification Signs

- Limit the use of monument signs to entry gates, headquarters buildings, housing neighborhoods, and special use areas / facilities with ACRB approval.
- Construct monument signs with brick columns with split-faced block infill and precast concrete caps. Use pin-mounted Helvetica letters.
- Incorporate landscaping, accent lighting, and/or paving.
- Facility identification signs with street addresses normally identify individual facilities and are generally free standing and not applied to facility facades.
- Display facility numbers in one location - at the back or side corner of buildings, coordinated with architectural features.
- Building-mounted signs or individual letters with corporate logos are allowed for commercial facility signs only with ACRB approval.

Direction Signs

- Use to identify highly frequented or special interest destinations and street names.
- Display the Air Mobility Command logo decal on the left of all street name signs.

Regulation Signs

- Use for traffic control, parking, and base warnings.
- Traffic control signs must follow the Manual on Uniform Traffic Control Devices administered by the Federal Highway Administration for color and display requirements.
- Handicapped parking signs must follow AMC Exterior Sign Standards for color and display requirements.
- Base warning signs must adhere to the Air Force Sign Standard for color and display requirements.

■ SITE FURNISHINGS

The common use and style of site amenities will further unify the base, providing a "thread of continuity" throughout. Reflect the basewide standard regardless of where site furnishings are placed.

General

- Select site furnishings from the list on page A1.
- Use dark bronze metal benches and furnishings with a factory applied powder-coat finish.

Seating / Benches

- Provide seating along walkways, near building entries, and in courtyards and plazas.
- Place benches within a paved area.

Litter / Ash Receptacles

- Place at building entrances, pathways, outdoor seating, and picnic areas.
- Locate these to be functional, yet visually unobtrusive.

Planters

- Minimize the use of freestanding planters.
- When used, locate planters in conjunction with other exterior elements.
- Use planters that match ash and litter receptacles in design.

Bike Racks

- Provide bicycle-parking areas for all facilities. Combine areas for densely sited building.
- Place bike racks on concrete pads in accessible locations near established bike routes and near secondary entrances to buildings.
- Increase the numbers of available bike racks in residential and recreational areas.
- Screen bicycle parking areas with landscaping or screen walls.

Barbecue Grills

- Limit built-in grills to recreational areas, dormitories, and fire stations.
- Use materials that compliment adjacent facilities.
- Placement and design of built-in grills must be approved by the ACRB.





Picnic Tables

- Use factory finished, recycled plastic picnic tables with metal frames.
- Do not use at administration yard areas or industrial facilities.
- Provide mid-morning to late-afternoon shade for all picnic tables.
- Limit tables to outdoor picnic or dining areas; and group to allow for large parties or individual family outings.

Bollards

- Use bollards to protect buildings, equipment, and people from vehicle impact and to restrict access.
- Use an 8-inch diameter, factory finished dark bronze aluminum, domed-top bollard as the standard.
- Use same style bollard with single-function luminaire at pedestrian areas, pathways, and entrances.
- For force protection use an 8-inch diameter, concrete filled, steel pipe. Cap lighted force protection bollards with a pre-manufactured, domed-top, single luminaire.
- For bollards protecting equipment or buildings from vehicle damage, paint to match adjacent surfaces.
- For special applications concrete monumental bollards may be used with ACRB approval.

Tree Grates

- Use black tree grates at all formal plazas and courtyards set into concrete paving. Accent with brick pavers.

Playground Equipment

- Provide consistent-style pre-manufactured play equipment at parks, family housing areas, child development centers, community centers, and recreational areas.
- Place equipment with safe ground surfacing, benches, litter receptacles, and landscaping for shade.
- Provide adequate pedestrian circulation paths to play areas.

Flag Poles

- Use a brushed aluminum pole, mounted on a concrete base.
- Create a sense of place at flag pole locations with landscape or plaza design.

■ LIGHTING

Exterior lighting is a system that directly impacts the visual qualities of the base. By day, the fixtures and poles add visual character and rhythm to the streetscape. By night these amenities contribute to the perception of safety and comfort. Use common components throughout the base.

General

- Use underground utility service to lighting fixtures.
- Use high-pressure sodium lamps for all applications.
- Photometrics are required for all applications.

Streets

- All classifications of roadways will use the same luminaries, poles, and mounting height.
- Use factory finished luminaries and poles for all roadways.
- Equally space poles on alternating sides of all roadways.

Parking Areas

- Use arm-mounted, square, shoebox-type luminaries in factory finished dark bronze.
- Use multiple luminaries on dark bronze, square poles to reduce the number of poles.
- Coordinate pole placement with parking island locations.

Walkways and Paths

- Provide pedestrian-scaled lighting fixtures throughout housing area and along recreation trails and sidewalks not adjacent to roadways.
- Use dark bronze arm-mounted shoebox fixtures.
- Equally space light fixtures for sidewalks on same side of walk.

Mounting Heights

- Control spillover light near residential areas.
- Keep mounting heights low and consistent. Any lights mounted over 30 feet high require ACRB approval.

Architectural and Accent

- Incorporate recessed, wall-mounted luminaries to wash light across plaza, paving, and stairs.
- Minimize and integrate in to the building design the use of building mounted fixtures for general illumination of service yards and outdoor spaces.
- Uplight architectural, landscaping, and building entrance features to emphasize importance and hierarchy.





■ UTILITIES

Use consistent utility components and place electrical services and building feeds underground to reduce overhead visual clutter.

Utility Lines and Structures

- Place all utility lines underground.
- Do not cut pavements to install utilities - bore whenever possible.
- Avoid free-standing utility structures where possible.
- Use underground vaults for equipment where possible.
- Locate equipment on concrete pads.

Fire Hydrants

- Locate fire hydrants at least 5 feet away from other structures. Maintain a 30-inch clear area.
- Paint hydrants dark bronze.

Utility Components

- Carefully place and organize equipment and services.
- Locate mechanical equipment on the least visible side of the building.
- Screen equipment with landscaping materials or screen walls.
- If equipment is placed within 10 feet of a building, paint dark bronze unless within 10' of a light-colored surface, then match the wall color.
- Minimize the use of all externally attached meters and control devices. If used, paint to match the wall color.
- Exterior surface-mounted utility conduits, lines, or equipment are not allowed (except meters and control devices).
- In remote locations, paint freestanding pipes and above-ground utility system components dark bronze.

Communications

- Collocate coaxial and telephone exterior components and entry points.
- Align all communication components with one another on the horizontal and vertical plane.



flightline / industrial

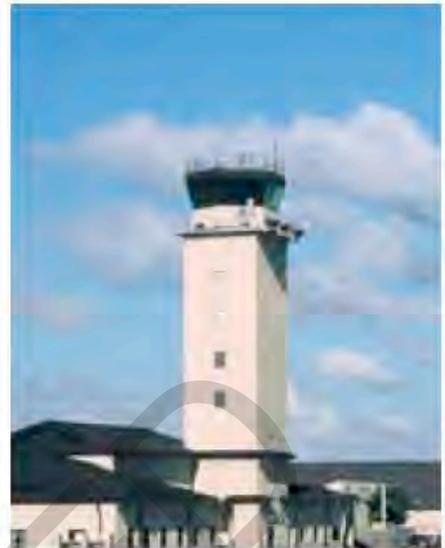
The flightline encompasses aircraft hangars and maintenance facilities. Buildings should be designed with forms, materials, and color palettes similar to those of the Basewide area, but with simplified detailing more appropriate for their function. Large buildings – common to this area – require careful design and orientation to avoid unappealing monolithic facades.

■ BUILDINGS

- Observe all horizontal and vertical safety restrictions along the flightline.
- Consolidate functions where possible to eliminate smaller, individual buildings.
- Integrate large masses and volumes with smaller ones to minimize the scale.
- Only use pavement to buildings when necessary.
- Lower the apparent height of hangars and warehouses by modulating building elevations with submasses, clerestories, openings, material changes, and architectural detailing.
- Avoid large, flat facades.
- All industrial facilities require curbs and bollard protection.

■ WALL SYSTEMS

- On smaller administration facilities, use tan brick or a combination of tan brick and taupe brown stucco.
- On larger facilities, use a combination of tan brick and flat profile, sandstone colored metal panels.
- Use a horizontal expression of sandstone colored metal panels.
- Do not use metal panel as the sole material for any structure.
- Cap brick parapet walls with metal or precast concrete coping.
- Locate visible vents and louvers as planned design elements; avoid random placement.
- Vents and louvers are to match the color of adjacent surfaces.





■ ROOF SYSTEMS

- All structures shall use gabled or single sloped parapet end walls.
- Low-slope metal roofs are allowed only for very large volumes or accent sub-masses with ACRB approval.
- Metal roofing for large industrial buildings may be of the minimum slope recommended by the roofing manufacturer.
- Lower appendages on large facilities, small buildings, and entries may use open gabled or hipped roofs with ACRB approval.

■ WINDOWS AND DOORS

- Use windows, clerestories, and translucent fiberglass panels to promote natural lighting and reduce the mass of the facade.
- Accent primary entrance doors to express their use and importance.
- Secondary-use doors and frames, such as service, shall match adjacent wall surfaces.
- Large hangar and overhead doors must match the wall color.

■ LANDSCAPING

- Use landscaping to soften and reduce the scale of larger facilities.
- Minimize the use of deciduous trees and shrubs to prevent leaf buildup along the apron and runway.
- Reduce the density of landscaping by grouping landscape elements at entries and high-visibility areas.

■ SCREENS AND ENCLOSURES

- Integrate physical security measures into the architectural design process.
- Coordinate security walls with the design of adjacent facilities or the immediate context
- Use screen walls, bollards, and defined roadways in selected locations to direct and limit facility access.
- Painting of Jersey barriers is prohibited.



family housing

Residential architectural settings should express a neighborhood image that distinguishes them from the remainder of the base. Achieving architectural compatibility relies on the use of consistent building materials, site furnishings, and landscaping. Residents are afforded some opportunities to use the standards creatively to express individual pride of place in and around their homes.

■ GENERAL

- Organize units into cohesive neighborhoods with curvilinear streets and minimize the use of cul-de-sacs.
- The existing housing styles should be reviewed when planning for new units.
- Construct new community facilities following the basewide design standards.
- For all brick applications use Dover Red in lieu of Dover Tan.
- Use vinyl siding, asphalt or composition shingles with Dover Red brick accents.

■ WALL SYSTEMS

- Use trim and siding colors from the three approved color schemes indicated on page A1.
- Alternate randomly exterior color schemes.
- Accent and shutter colors shall match the approved scheme.

■ ROOF SYSTEMS

- Use gabled or hipped roofs with between 4:12 and 6:12 pitch.
- Consider the use of dormers.
- Use shingles with an architectural profile.
- Use fascias, gutters, downspouts, and soffits finished to match the trim.
- Use factory-finished, corrosion resistant materials.

■ ANCILLARY STRUCTURES

- Install passenger waiting shelters at locations convenient to the family housing areas.
- Use shelters that are sized to accommodate the number of people using them.





■ LANDSCAPING

- Use mixed species and informal landscaping to integrate new with existing housing areas and to improve the overall community setting.
- Add plantings for shade and privacy and develop foundation plantings.
- Landscape the perimeter edges of recreational and common areas.
- Use landscaped berms to soften major arterial roads and screen undesirable views.
- Develop a street tree program.
- All self-help landscape materials are to follow the ACRB's approved material list.
- Follow basewide standards for landscape edging.

■ SCREENS AND ENCLOSURES

- Use wood shadowbox fencing for backyard privacy.
- Use the base standard dark green vinyl-coated chain link fencing around the base boundary of the housing area.

■ ROADS

- Enhance streetscapes with landscaping, walkways, and site furnishings.
- Use road features such as smaller radius corners and narrow street widths to reduce traffic speeds.

■ WALKWAYS AND PATHS

- Emphasize pedestrian and bicycle circulation within housing areas and connect housing to community facilities.
- Provide seating and other basewide site furnishings along walkways.
- Use concrete slabs for patios.

■ NEIGHBORHOOD ENTRIES

- Construct neighborhood entrance signs reflecting the architectural character of the setting.
- Provide accent landscaping, lighting, and brick paving.

■ LIGHTING AND UTILITIES

- Provide pedestrian-scale lighting fixtures throughout housing areas.
- Provide parking lot and street lighting that matches the basewide standard for primary roads and parking lots.



implementation

The ACP is a multipurpose tool that shall be used throughout the entire planning, programming, and design process, from inception to project completion for any project on base.

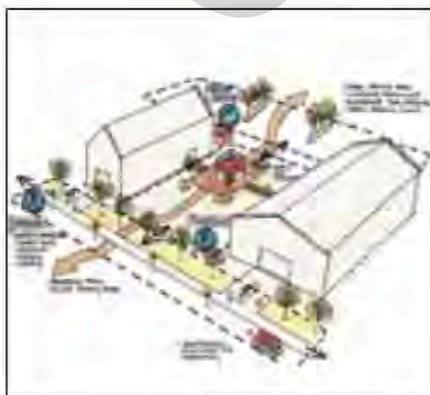
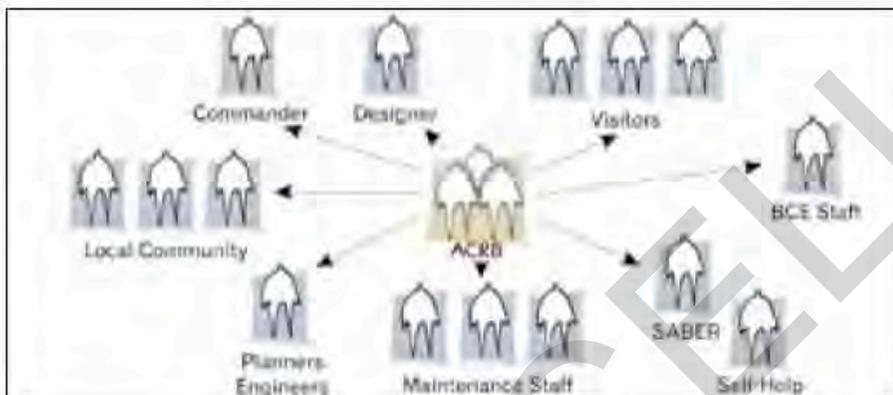
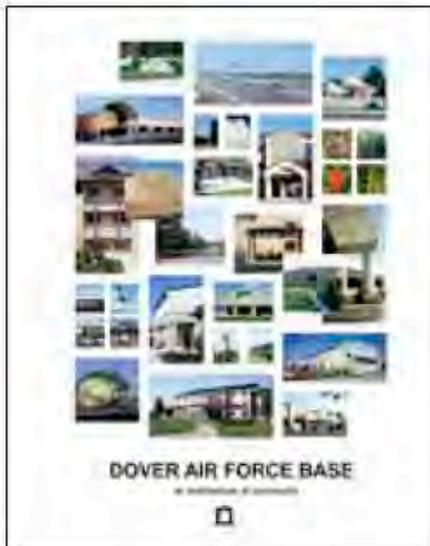
The ACP is implemented by the Base Civil Engineer.

While architectural designers are the primary users of the plan, it must also be used by project managers, programmers, planners, engineers, maintenance and operations personnel, self-help personnel, SABER personnel and the Architectural Compatibility Review Board (ACRB).

Any items purchased for the exterior of buildings – including those purchased with impact cards – must conform to the requirements prescribed in the ACP.

In the next three pages, key elements in the implementation process are highlighted.





Key Elements

Adhering to key elements of the implementation process leads to success in designing excellent facilities that will be compatible with and a part of the whole community.

- Distribute the ACP.
- Establish the Architectural Compatibility Review Board (ACRB).
- Hire good designers.
- Respect the General Plan.
- Process proper submittals.
- Cross-reference all planning and design documents to the ACP.

Distribute the ACP

Distribution of the plan should be as wide as possible. On base, provide copies to commanders of all major units and tenants, the civil engineering squadron commander, operations, branch chiefs, base architect, and community planner. Provide copies to the major command and headquarters representatives.

Establish the ACRB

The ACRB is the installation approval authority for all designs and visual features on the installation.

- The ACRB is organized by the Base Civil Engineer (BCE).
- The chairperson as appointed.
- Members include the base architect, community planner, chief engineer, and others as determined by the chairperson.
- The base architect, engineering disciplines, and project manager review designs regardless of ACRB involvement.
- The ACRB meets as required or as a subgroup of the installation Facilities Board (FB).
- Most projects, regardless of size, must be approved by the ACRB. (The chairperson makes the determination on review requirements).
- Design projects are submitted to the ACRB by the base-assigned project manager (see project checklist on page A5 for submittal requirements).

ACRB Project Checklist

All projects and service contracts shall be reviewed by the ACRB using the checklist on page A5. The Base project manager is responsible for providing the design checklist to the ACRB for completion.

Hire Good Designers

Ensure the involvement of design oriented personnel in the A-E selection process.

- Select A-E firms that are sensitive to and understand architectural compatibility.
- The AF project manager provides copies of the ACP to the designer before design begins.

Respect the General Plan

All new projects must agree with the goals and objectives outlined in the installation master plan to ensure that the siting of new projects is compatible with adjacent facilities.

Process Proper Submittals

All design projects are reviewed by the ACRB. This includes Requirements Documents, Concept Design, and Final Design submittals.

Submittals shall include the required information and data at the appropriate times, and the process shall allow adequate review time.

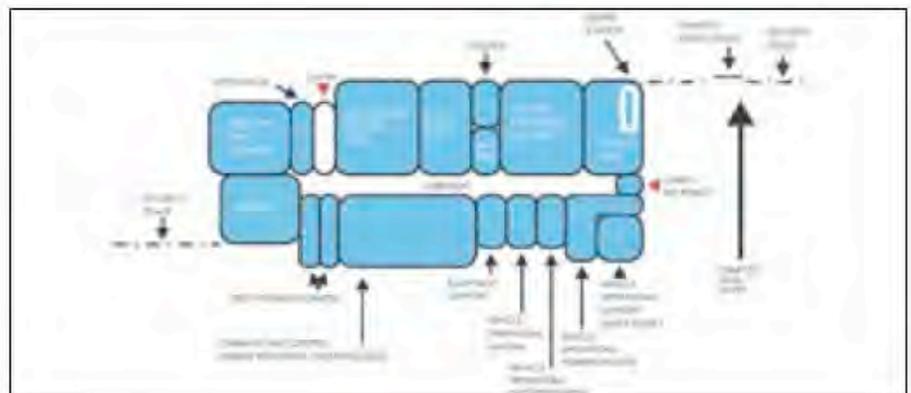
Requirements Document

In the initial submittal, the A-E defines – with the help of the AF – the requirements for the project. It may explore potential solutions, but more importantly, it includes bubble diagrams depicting the relationships of major functional elements and site/ facility development options. This submittal is reviewed by the ACRB.

Each submitted package will comprise the following.

- Scope / Programming Requirements
- Project Description
- Goals and Objectives
- Sub-area Development Plans
- Site Inventory / Site Analysis
- Spatial Relationship Analysis (i.e., relationship to site)
- Adjacent Facilities and Project Site Photos

Site Inventory / Site Analysis includes (but is not limited to): vehicular traffic patterns, view, climatic conditions, environmental, safety, utility constraints, and geographic conditions. Refer to sketch.





Concept Design

This submittal must include adequate information to fully describe the project design, allowing customers / clients to easily comprehend the proposed solution. The goal is to achieve AF customer understanding and approval early in this process.

Multiple submittals may be required for large or complex projects. Generally, completion of concept design requires two submittals. The initial submittal provides a conceptual approach to the solution, while the final submittal presents a refined and more detailed design. These submittals shall be design presentation documents rather than construction documents.



Develop site plans, floor plans, roof plans, and building elevations concurrently to ensure the proposed solution is a comprehensive design. Floor plans must be developed with consideration of the site and building massing.

The ACRB will review concept submittals. If the initial submittal is rejected, or if there are significant concerns or comments, a resubmission is required prior to proceeding to the next design stage.

Each submittal package shall include:

- Concise Verbalized Design Concept
- Systems Description
- Adjacent Facilities and Site Photos
- Site Plans (colored)
- Floor Plans
- Composite Elevations (with color and shadows)
- Mechanical / Electrical Communications Entrances and Equipment Locations and Configurations.
- Building Sections
- Roof Plan
- Massing or Perspective Sketches
- Study Model (as required)
- Cost Estimate

Final Design

The final design shall remain consistent with the approved concept design. It includes highly developed drawings that further refine and detail the visual and functional quality of the design.

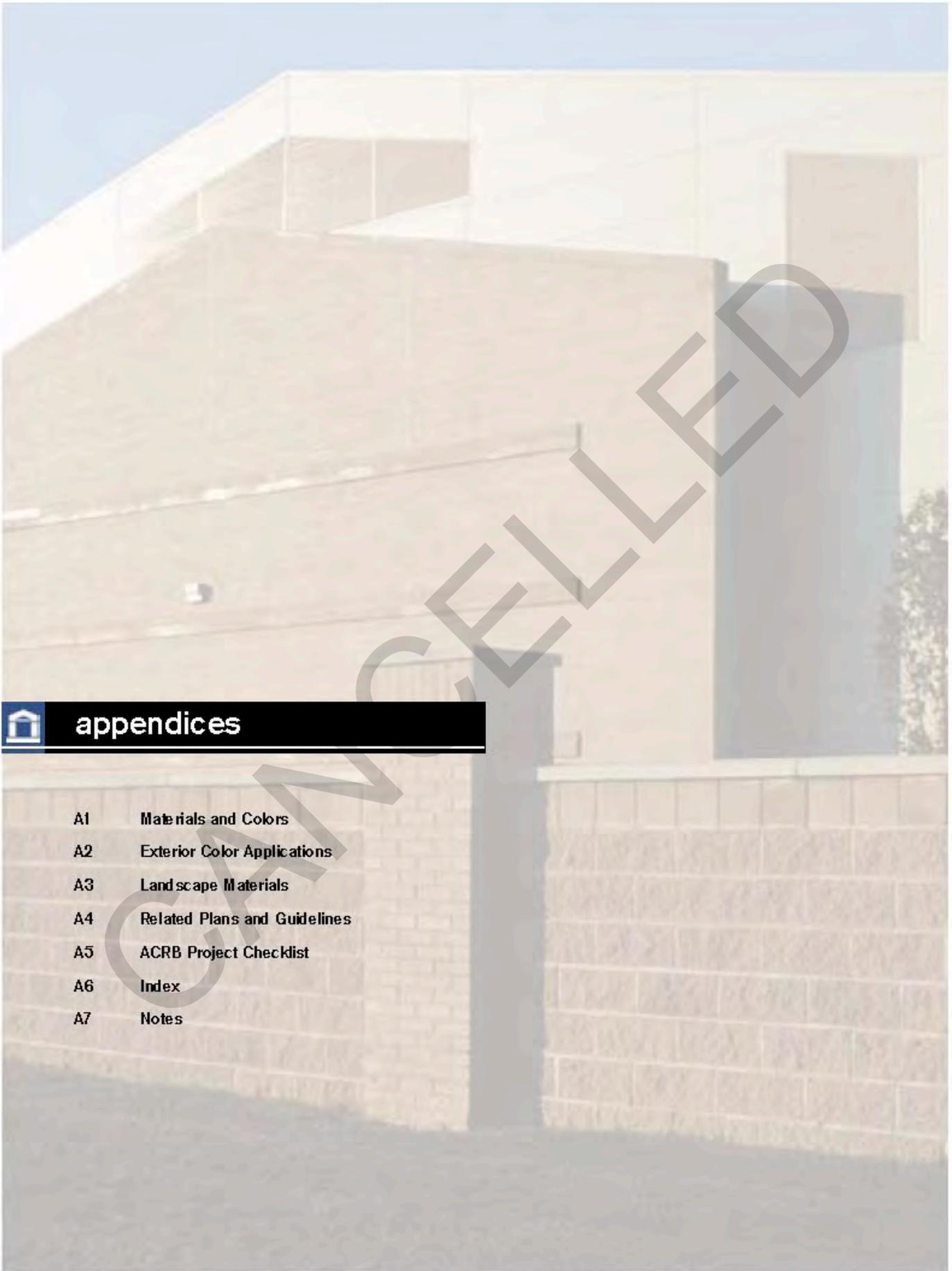
As a minimum, each submittal package shall include the following:

- Formal Colored Rendering (early in this phase)
- Material / Color Boards (interior and exterior)
- Catalog Cuts (photos)
- Design Analysis
- Cost Estimate
- Contract Documents

Contract Documents (CDs)

Contract documents must be in AutoCAD and include comprehensive drawings and specifications to meet all of the standards defined by the ACP.

All civil, mechanical, and electrical drawings must be consistent with the architectural drawings. All utility elements such as light fixtures, transformers, panels, grilles, vents, piping, etc., must be shown on the architectural drawings.



appendices

- A1 Materials and Colors
- A2 Exterior Color Applications
- A3 Landscape Materials
- A4 Related Plans and Guidelines
- A5 ACRB Project Checklist
- A6 Index
- A7 Notes



The following building materials and products are representative of the style, color, and material to be used at Dover Air Force Base. All construction projects are to use these items or a comparable product by another manufacturer. The manufacturers and styles are listed only to establish a baseline for the selection of construction materials. However, regardless of the manufacturer, the colors must match base standard colors. Original color samples are on file in Base Civil Engineering.

Basewide

■ **Architectural Lettering**

Style: Helvetica Medium
Color: Dark Bronze

■ **Benches**

Mfg: Victor Stanley
Style: Steelrite RB-28
Color: Dark Bronze

■ **Bike Racks**

Mfg: Victor Stanley
Style: Prairie Site
Color: Dark Bronze

■ **Block, Concrete Split Face**

Mfg: Fizzano
Style: F1054C
Color: Tan

■ **Bollards - Force Protection**

Style: Steel pipe, concrete filled
Color: Dark Bronze

■ **Bollards - Lighted and Non-Lighted**

Mfg: Kim Lighting
Style: 8" louvered, VRB1
Color: Dark Bronze

■ **Brick**

Primary:
Mfg: Belden Brick
Color: #8521A (Dover Tan)
Alternate:
Mfg: General Shale Plymouth
Color: #39-10-050-0 - Royal Grey Velour
Alternate:
Mfg: Glen-Gary
Color: #R83 - Boulder Grey
Mortar: Natural Portland Cement

■ **Curtain Walls**

Mfg: Kawneer Company Inc.
Style: 1600 Wall Systems
Color: Dark Bronze

■ **Doors & Frames - Utility, Service**

Color: #4208-7460 - Architectural Brown

■ **Fencing - Chain Link**

Mfg: Master-Halco
Style: 11 gauge wire with PVC color coating
(7-12 mm thick)
Color: Black (Industrial)
Color: Dark Green (Perimeter)

■ **Fencing - Privacy (Industrial)**

Mfg: Master-Halco
Style: Interlocking steel boards
Color: Bronze

■ **Gates - Entrance**

Mfg: Ametco
Style: Hinged
Color: Dark Bronze

■ **Gates - Ornamental**

Mfg: BFC
Style: Guardian
Color: Dark Bronze

■ **Glass**

Style: Dual Pane
Tint: Solar Bronze

■ **Joint Sealant**

Color: Dark Brown for doors, windows, and roofs; otherwise match adjacent surface

■ **Landscape Mulch**

Type: 3/4 inch Stone
Color: Red Barnyard

■ **Lighting - Streets / Parking Lots**

Mfg: Kim Lighting
Style: EKG 501 - Pathway Luminaires
Color: Dark Bronze

■ **Lighting - Walkways**

Mfg: Kim Lighting
Style: CB
Color: Dark Bronze
Height: 32"

■ **Litter and Ash Receptacles**

Mfg: Victor Stanley
Litter Receptacles
Style: Steelrite RB-36
Color: Dark Bronze
Ash Urns
Style: Steelrite NSDC-20
Color: Dark Bronze

■ **Picnic Tables**

Mfg: Victor Stanley
Style: Homestead ST-5 2nd Site Systems
Color: Dark Bronze/Cherry

■ **Play Equipment**

Mfg: Iron Mountain Range
Style: KB45

■ **Precast Concrete**

Color: Natural Portland Cement

■ **Roofs - Metal**

Mfg: Centria
Finish: Kynar 500
Type: Standing Seam
Style: Flat profile with pencil rib, 16"
Color: Dark Bronze - # 154
Coating: Fluoropolymer

■ **Storefront**

Mfg: Kawneer Company Inc.
Doors - Swing Entrances
Style: 350 Heavy Wall Entrances
Color: Dark Bronze

■ **Storefront (cont'd.)**

Windows
Mfg: Kawneer Company Inc.
Style: 8325 TL Heavy Commercial
Color: Dark Bronze

■ **Stucco**

Color (with brick or metal panel facilities):
Taupe Brown
Color (to match existing facilities only):
Dover Tan

■ **Translucent Panels**

Mfg: Crystal
Style: Kalwall
Gridpattern: 12' x 12'
Color: Clear, exterior face

■ **Walls - Metal Panel and Trim**

Mfg: Metl-Span
Style: CF Mesa
Color: Sandstone
Coating: Nublear

■ **Accents and Shutters**

Color Scheme A: Fort Jefferson
Color Scheme B: Laurel Rose
Color Scheme C: Victorian

■ **Brick**

Mfg: General Shale
Color Scheme A: Fort Jefferson
Color Scheme B: Laurel Rose
Color Scheme C: Victorian

■ **Passenger Waiting Shelter**

Mfg: Midwest American Shelter Systems
Style: MC
Color: Dark Bronze

■ **Roofs / Asphalt Shingles**

Mfg: Tamko
Style: Heritage Series
Color Scheme A: Old English
Color Scheme B: Rustic Cedar
Color Scheme C: Weathered Wood

■ **Trim**

Color: Federal Standard #27925 (off-white)

■ **Vinyl Siding**

Mfg: Alside
Color Scheme A: Cape Cod Grey
Color Scheme B: Adobe Cream
Color Scheme C: Monterrey Sand

■ **Windows**

Style: Double hung
Color: White / Aluminum clad wood



Nubelar Sandstone
Valspar
#439B252



Eagle Feather Tan (Dover Tan)
ICI Devco
#BLK 1P32 YOX 1P39 OXR 19



Wright Stone (Taupe Brown)
ICI Devco
#10YY 30/10 6



Bald Eagle Brown (Dark Brown)
ICI Devco
#420 B-7460

- Note:** 1. Original color samples are on file in the Base Civil Engineering Office.
2. Colors are listed on page A1.

■ APPLIED COLOR GUIDELINES

Each painting application will require some interpretation; however, each should generally follow these principles. Specific exceptions are allowed with the approval of the ACRB.

- Older facilities are normally the only ones requiring paint. All new facilities shall use integrally colored or factory-applied finishes.
- Primary wall color (field color) shall be taupe brown on all painted walls.
- Do not paint integrally-colored stucco. If painting is unavoidable, use taupe brown.
- Reduce visual clutter by simplifying the application.
- The use of yellow hazard markings on buildings is prohibited.
- Remove building lettering and signs from building.
- Painting or applied artificial fascias, bases, details, etc. on facilities and painting of masonry or concrete architectural features such as quoins, lintels, bases, or capitals is prohibited.
- Paint equipment on brick buildings dark bronze.
- Paint equipment on painted buildings to match adjacent surface.
- Accenting downspouts or painting stripes around buildings is prohibited.
- Support and service buildings should have simplified, subtle paint schemes.
- Painting shields on tanks is discouraged.
- Variations are subject to ACRB approval.
- Primary door entries located in brick walls are to be painted dark bronze with ACRB approval.
- All other secondary doors are to be painted beige to prevent calling attention to them.
- Do not arbitrarily change paint colors.



Large Trees

BOTANICAL NAME	COMMON PLANT NAME	USE
<i>Acer rubrum</i>	Red Maple	Street Tree, Buffer, Open Space
<i>Acer saccharum</i>	Sugar Maple	Street Tree, Buffer, Open Space
<i>Betula nigra</i>	River Birch	Feature, Buffer, Open Space
<i>Liquidambar styraciflua</i>	Sweet Gum (fruitless only)	Street Tree, Buffer, Open Space
<i>Liquidambar tulipifera</i>	Tuliptree	Street Tree, Buffer, Open Space
<i>Platanus occidentalis</i>	Sycamore	Buffer, Open Space
<i>Quercus rubra</i>	Red Oak	Street Tree, Buffer, Open Space
<i>Taxodium distichum</i>	Bald Cypress	Buffer, Open Space
<i>Tilia Americana</i>	American Linden, Basswood	Street Tree, Buffer, Open Space
<i>Pinus taeda</i>	Loblolly Pine	Buffer, Open Space

Small Trees

<i>Cercis canadensis</i>	Eastern Redbud	Feature, Screen, Foundation
<i>Cornus alba virginiana</i>	Fringe Tree	Feature, Screen, Foundation
<i>Cornus florida</i>	Flowering Dogwood	Feature, Screen, Foundation
<i>Ilex opaca</i>	American Holly (male only)	Feature, Screen, Foundation
<i>Magnolia southeriana</i>	Southern Magnolia	Feature, Screen, Foundation
<i>Salix discolor</i>	Pussy Willow	Feature, Screen, Foundation

Shrubs

<i>Berberis thunbergii</i>	Japanese Barberry	Foundation, Mass, Feature
<i>Berberis x gladiolifera</i> "Win. Penn"	Win. Penn Barberry	Foundation, Mass, Feature
<i>Buxus sinensis</i> "Winter Green"	Winter Green Boxwood	Foundation, Mass, Feature
<i>Cornus sericea</i>	Red-osier Dogwood	Foundation, Mass, Feature
<i>Evonyma alata compacta</i>	Dwarf Burning Bush	Hedge, Mass, Feature
<i>Ilex crenata compacta</i>	Compact Japanese Holly	Foundation, Mass, Feature
<i>Juniperus squamata</i> "Blue Star"	Blue Star Juniper	Foundation, Mass, Feature
<i>Juniperus chinensis</i> "Sargentii"	Sargent Juniper	Foundation, Mass, Feature
<i>Pieris japonica</i>	Japanese Andromeda	Hedge, Mass, Feature
<i>Rhododendron</i> "PMJ"	Pink Rhododendron	Hedge, Mass, Feature
<i>Rhus glabra</i>	Smooth Sumac	Feature, Screen, Foundation
<i>Spiraea japonica</i> "Anthony Water"	Dwarf Spirea "Anthony Water"	Hedge, Mass, Feature
<i>Spiraea japonica</i> "Little Princess"	Dwarf Spirea "Little Princess"	Foundation, Mass, Feature
<i>Taxus laevis</i> "Repens"	Spreading Yew	Hedge, Mass, Feature
<i>Tinnea orientalis</i> "Globosa"	Globe Arborvitae	Hedge, Mass, Feature
<i>Viburnum dentatum</i>	Arrowwood	Feature, Screen, Foundation
<i>Viburnum plicatum</i> var. <i>lanceolatum</i>	Double File Viburnum	Hedge, Mass, Feature

Groundcovers and Vines

<i>Cotoneaster dammeri</i>	Cotoneaster	Border, Understory, Mass
<i>Juniperus horizontalis</i>	Blue Rug Juniper	Border, Understory, Mass
<i>Hedera helix</i> "Batika"	Hardy English Ivy	Border, Understory, Mass
<i>Liriope muscari</i>	Creeping Lily Turf	Border, Understory, Mass
<i>Liriope muscari</i> var. <i>viridiflora</i>	Variegated Lily Turf	Border, Understory, Mass
<i>Viola miris</i>	Periwinkle	Border, Understory, Mass

Mulch

	Red Barnyard Stone	Mulch, Stone
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Note: Variations to the list must be approved by the ACRB

related plans and guidelines

Use the most recent edition of the following documents.

General

Dover Air Force Base Vision Book
Dover Air Force Base Commander's Summary
AMC Commander's Guide to Facilities Excellence
AMC Construction Site Standards

Landscaping

Landscape Development Plan component of the Base Comprehensive Plan
AMC Landscape Design Guide
Air Force Landscape Planning and Design, AFP 86-10

Family Housing

Military Family Housing Community Plan, Dover AFB
USAF Commander's Guide to Family Housing Excellence
USAF Family Housing Community Guidelines for Environmental Improvements

Signs

AMC Exterior Sign Standards
Air Force Sign Standard, UFC 3-120-01

Individual Facility Design Guidance

AMC & AF Design Guides

Interior Design

AMC Interior Design Guide

Force Protection

USAF Installation Force Protection Guide
Department of Defense Minimum Antiterrorism Standards for Buildings, UFC 4-010-01

architectural compatibility review board project checklist

This checklist applies to all projects large and small including self-help projects. Before building, purchasing, or installing items, the project manager will submit the following documentation for review and approval by the Architectural Compatibility Review Board (ACRB). Large projects requiring professional design services must submit this form along with the design package at each phase of the project. The list of items below the phase title is representative of what must be submitted at each phase. Project continuation is contingent on phase approval. Smaller projects not requiring full design services must submit project documentation as designated by the ACRB chairperson. All projects must comply with the ACP standards as verified by this checklist and the ACRB, unless a specific exception is approved by the chairperson.

Project Title: _____

Project Number: _____ Project Address: _____

Submitted By: _____

Type of Project: SABER MILCON O&M Self-Help Housing Other: _____

Full ACRB Review Required? Yes No ACP Provided to Designer? Yes No

Programming Documents Reviewed by ACRB? Yes No

REQUIREMENTS DOCUMENT / PROGRAMMING PHASE

<input type="checkbox"/> Scope	<input type="checkbox"/> Project Description	<input type="checkbox"/> Adjacent Facilities Photos	Date Submitted: _____
<input type="checkbox"/> Goals	<input type="checkbox"/> Objectives	<input type="checkbox"/> Future Project Considerations	Date Resubmitted: _____
<input type="checkbox"/> Budget	<input type="checkbox"/> Materials	<input type="checkbox"/> Furnishings	<input type="checkbox"/> Design Complies with ACP Standards
<input type="checkbox"/> Colors	<input type="checkbox"/> Equipment	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Resubmittal Requested
<input type="checkbox"/> Site Inventory / Site Analysis			<input type="checkbox"/> Comments Attached
<input type="checkbox"/> Coordinated with Subarea Development Plans			By: _____ Date: _____
<input type="checkbox"/> Coordinated with Other Planning Documents and Policies			User Approval: _____
<input type="checkbox"/> Preliminary Solutions Allow for Full Compliance of ACP (design not finalized until concept design is complete)			By: _____ Date: _____

CONCEPT DESIGN

Building			Date Submitted: _____
<input type="checkbox"/> Style / Form	<input type="checkbox"/> Scale	<input type="checkbox"/> Massing	Date Resubmitted: _____
<input type="checkbox"/> Proportions	<input type="checkbox"/> Materials	<input type="checkbox"/> Colors	<input type="checkbox"/> Design Complies with ACP Standards
<input type="checkbox"/> Wall Systems	<input type="checkbox"/> Details	<input type="checkbox"/> Ancillary Structures	<input type="checkbox"/> Resubmittal Requested
<input type="checkbox"/> Lighting	<input type="checkbox"/> Signs	<input type="checkbox"/> Roof Systems	<input type="checkbox"/> Comments Attached
<input type="checkbox"/> Entrances	<input type="checkbox"/> Windows / Doors		By: _____ Date: _____
Site Development			User Approval: _____
<input type="checkbox"/> Siting	<input type="checkbox"/> Setbacks	<input type="checkbox"/> Utilities	By: _____ Date: _____
<input type="checkbox"/> Lighting	<input type="checkbox"/> Signs	<input type="checkbox"/> Screens / Enclosures	
<input type="checkbox"/> Furnishings	<input type="checkbox"/> Landscape	<input type="checkbox"/> Future Expansion Considered	
Circulation			
<input type="checkbox"/> Roads	<input type="checkbox"/> Parking	<input type="checkbox"/> Signs	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Lighting	<input type="checkbox"/> Paths / Walks	<input type="checkbox"/> Landscape	<input type="checkbox"/> Other: _____

FINAL DESIGN

<input type="checkbox"/> Final design remains consistent with approved concept design and elements listed above	Date Submitted: _____
<input type="checkbox"/> Materials / Color Board (interior and exterior)	Date Resubmitted: _____
<input type="checkbox"/> Rendering <input type="checkbox"/> Catalog Cuts <input type="checkbox"/> Architectural Details	<input type="checkbox"/> Design Complies with ACP Standards
<input type="checkbox"/> Landscape Development	<input type="checkbox"/> Resubmittal Requested
<input type="checkbox"/> Construction Documents	<input type="checkbox"/> Comments Attached
<input type="checkbox"/> Fascia / Gutters / Downspouts	By: _____ Date: _____
<input type="checkbox"/> Cost Reduction Proposal (if necessary) Comply with ACP	User Approval: _____
<input type="checkbox"/> Coordinated with Other Planning Documents and Policies	By: _____ Date: _____
<input type="checkbox"/> Coordination / Organization of Mechanical and Electrical Elements	
<input type="checkbox"/> Other: _____	

JUSTIFICATION FOR NONCOMPLIANCE

Explain: _____ **Design Does Not Comply with ACP Standards**

_____ **By:** _____ **Date:** _____

A			G			Q, R		
Ancillary Structures	12		Glazing	11		Ramps	16	
Arcades	10		Grates, Tree	21		Reserved Parking	18	
Architectural Compatibility			Ground Cover	14		Roads	17	
Review Board	29		Gutters			Roof Forms		
Ash Receptacles	20		Basewide	9		Basewide	8	
B			H, I			Flightline/ Industrial		
Barbecue Grills	20		Implementation	28		Flightline/ Industrial	25	
Basewide Design Standards	5		J, K			Roof Systems/ Materials		
Benches	20		Kiosks	12		Basewide	8	
Bike Racks	20		L			Flightline/ Industrial		
Bollards	21		Lamp Types	22		Flightline/ Industrial	25	
Brick	6		Landscaping			Family Housing	27	
Building Numbers	19		Basewide	14		Family Housing	27	
C			Flightline/ Industrial	25		Family Housing	27	
Color	7, A1, A2		Family Housing	27		Family Housing	27	
Copings	8		Family Housing	27		Family Housing	27	
Courtyards	16		Family Housing	27		Family Housing	27	
Crosswalks	16		Family Housing	27		Family Housing	27	
Curb and Gutter	17		Family Housing	27		Family Housing	27	
D			Family Housing	27		Family Housing	27	
Design Philosophy	2		Family Housing	27		Family Housing	27	
Design Process	30		Family Housing	27		Family Housing	27	
Design Standards	4		Family Housing	27		Family Housing	27	
Door Frames	11		Family Housing	27		Family Housing	27	
Door Hardware	11		Family Housing	27		Family Housing	27	
Doors			Family Housing	27		Family Housing	27	
Basewide	11		Family Housing	27		Family Housing	27	
Flightline/ Industrial	25		Family Housing	27		Family Housing	27	
Downspouts	9		Family Housing	27		Family Housing	27	
Drop-Offs	10		Family Housing	27		Family Housing	27	
Dumpster Enclosures	13		Family Housing	27		Family Housing	27	
E			Family Housing	27		Family Housing	27	
Edging, Landscaping	14		Family Housing	27		Family Housing	27	
Entrances	10		Family Housing	27		Family Housing	27	
F			Family Housing	27		Family Housing	27	
Family Housing Design Standards	26		Family Housing	27		Family Housing	27	
Fascia	9		Family Housing	27		Family Housing	27	
Fence Walls	13		Family Housing	27		Family Housing	27	
Fencing	13		Family Housing	27		Family Housing	27	
Finishes	6, A2		Family Housing	27		Family Housing	27	
Fire Hydrants	23		Family Housing	27		Family Housing	27	
Flag Poles	21		Family Housing	27		Family Housing	27	
Flightline/ Industrial Design Standards	24		Family Housing	27		Family Housing	27	
Form	5		Family Housing	27		Family Housing	27	
Furnishings, Site	20		Family Housing	27		Family Housing	27	
M			Family Housing	27		Family Housing	27	
N, O, P			Family Housing	27		Family Housing	27	
Paint			Family Housing	27		Family Housing	27	
Basewide	7		Family Housing	27		Family Housing	27	
Family Housing	26		Family Housing	27		Family Housing	27	
Specifications	A2		Family Housing	27		Family Housing	27	
Parapets	8		Family Housing	27		Family Housing	27	
Parking	18		Family Housing	27		Family Housing	27	
Passenger Waiting Shelters			Family Housing	27		Family Housing	27	
Basewide	16		Family Housing	27		Family Housing	27	
Family Housing	26		Family Housing	27		Family Housing	27	
Paths	16		Family Housing	27		Family Housing	27	
Pavilions	12		Family Housing	27		Family Housing	27	
Paving	16, 17, 18		Family Housing	27		Family Housing	27	
Picnic Tables	21		Family Housing	27		Family Housing	27	
Plant Maintenance	14		Family Housing	27		Family Housing	27	
Planters	20		Family Housing	27		Family Housing	27	
Playground Equipment	21		Family Housing	27		Family Housing	27	
Plazas	16		Family Housing	27		Family Housing	27	
Precast Concrete	7		Family Housing	27		Family Housing	27	
S			Family Housing	27		Family Housing	27	
Scale	5		Family Housing	27		Family Housing	27	
Screens and Enclosures	13		Family Housing	27		Family Housing	27	
Seating	20		Family Housing	27		Family Housing	27	
Seating Walls	13		Family Housing	27		Family Housing	27	
Security Screens	11		Family Housing	27		Family Housing	27	
Service Drives	17		Family Housing	27		Family Housing	27	
Signs	19		Family Housing	27		Family Housing	27	
Site Analysis	30		Family Housing	27		Family Housing	27	
Site Furnishings	20		Family Housing	27		Family Housing	27	
Skylights	11		Family Housing	27		Family Housing	27	
Soffits	9		Family Housing	27		Family Housing	27	
Style	5		Family Housing	27		Family Housing	27	
T			Family Housing	27		Family Housing	27	
Tree Grates	21		Family Housing	27		Family Housing	27	
U			Family Housing	27		Family Housing	27	
Utilities	23		Family Housing	27		Family Housing	27	
V			Family Housing	27		Family Housing	27	
Vents			Family Housing	27		Family Housing	27	
Basewide	9		Family Housing	27		Family Housing	27	
Flightline/ Industrial	25		Family Housing	27		Family Housing	27	
W, X, Y, Z			Family Housing	27		Family Housing	27	
Walkways	16		Family Housing	27		Family Housing	27	
Wall Components	7		Family Housing	27		Family Housing	27	
Wall Systems			Family Housing	27		Family Housing	27	
Basewide	6		Family Housing	27		Family Housing	27	
Flightline/ Industrial	24		Family Housing	27		Family Housing	27	
Window Form	11		Family Housing	27		Family Housing	27	
Window Frames	11		Family Housing	27		Family Housing	27	
Windows			Family Housing	27		Family Housing	27	
Basewide	11		Family Housing	27		Family Housing	27	
Flightline/ Industrial	25		Family Housing	27		Family Housing	27	

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December 2004