



City of Punta Gorda

Parks & Recreation Design Standards

This section contains design standards and technical specifications for a variety of facilities, furnishings, and systems to be utilized in the creation of the City Park System.

This section contains guidelines for facilities, sites, furnishings, equipment, and systems to be included in the City Park System. This section creates a design palette for the City's Park System. It establishes minimum standards that address the unique character of the park typologies, site design, and landscaping elements the community expresses to see in their Park System. This portion of the Master Plan is divided into sections that give a sample and details of those components necessary to provide the designer or developer a wide range of choices for building a safe, consistent and sustainable Park System.



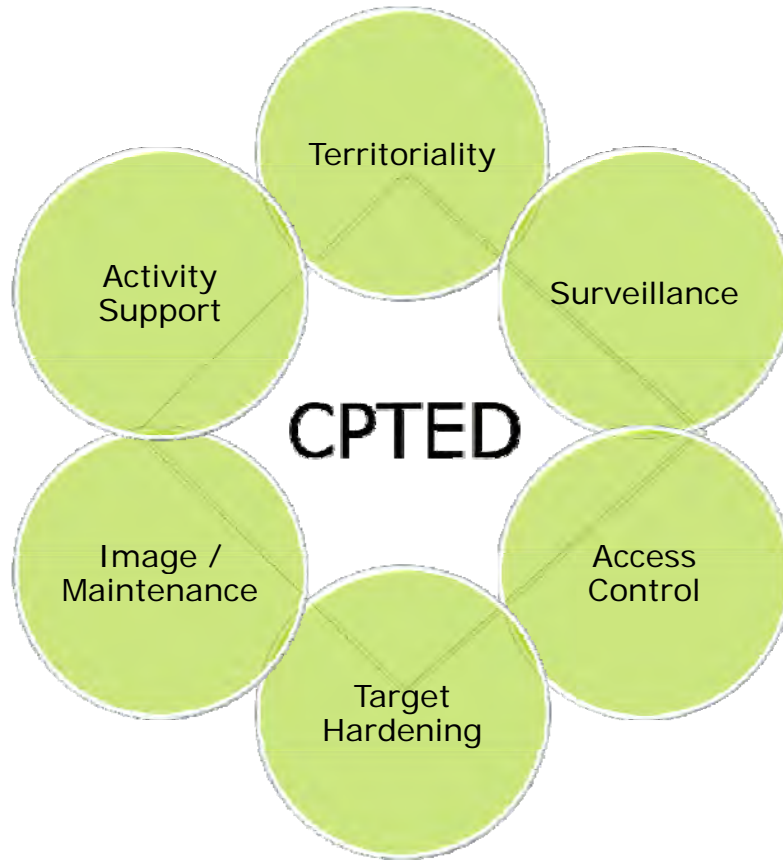
CPTED



As part of the Design Standards, the City is incorporating the Crime Prevention Through Environmental Design (CPTED) theories which promote a climate of safety in a community right from the design start. The concept is strongly recommended by law enforcement officers, architects, city planners, landscape and interior designers, and resident volunteers. CPTED's goal is to prevent crime by designing a physical environment that positively influences human behavior. The theory is based on four principles: natural access control, natural surveillance, territoriality, and maintenance.



- Allows for clear sight lines
- Provide adequate lighting
- Minimize concealed and isolated routes
- Avoid entrapment
- Reduce isolation
- Promote land use mix
- Use of active generators
- Create a sense of ownership through maintenance and management
- Provide signs and information
- Improve overall design of the built environment



The Wider Environment

"CPTED is the proper design and effective use of the built environment which may lead to a reduction in the fear and incidence of crime, and an improvement of the quality of life."

- National Crime Prevention Institute

Benefits of CPTED

Community business & residents will have

- Opportunities to play meaningful roles in community crime prevention
- Improved sense of security and quality of life through reduced fear of crime
- Fewer crimes committed in neighborhoods, fewer victimizations of residents
- Increased interaction among residents and stronger neighborhood bonds
- New crime prevention and problem-solving skills and enhanced knowledge of city government agencies and other resources
- The specific strategy or combination of strategies will be dependent on the site condition, the functional requirements and the desired programming of the space, as well as the design intent

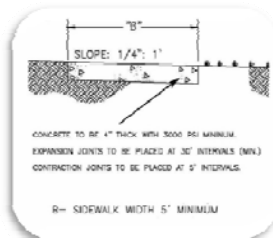


Hardscape Materials

Hardscape materials are a range of concrete & concrete finishes, brick & pavers, and other choices for paths walkways and boardwalks which compliment the specific park type and create an attractive, vibrant, cohesive Park System. The hardscape material shall distinguish between drives, parking areas etc from pedestrian walkways, paths and plazas

Concrete

- Standard finish brushed uncolored
 - Standard 5 to 12 feet wide



- Optional Concrete Finishes
 - Shell aggregate (aka Tabby)



- Colorized Concrete
 - Site Specific Custom Color and Pattern Design



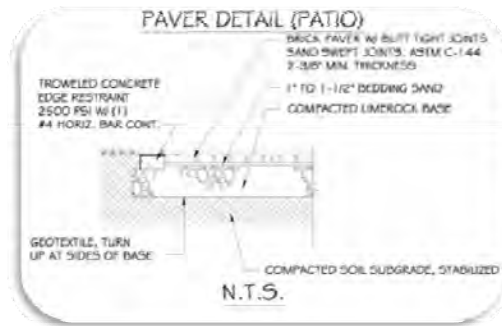
- Special features
 - Custom Design
- Rock Salt Finish with Special Expansion Joint Pattern



- Brick

- Standard antique finish brick

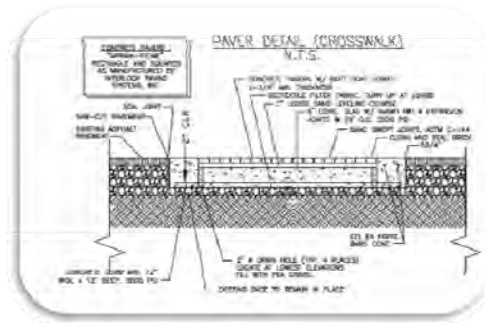
- Old Barcelona Antique color mix



- Optional modern finish brick

- Boral beveled edge brick tri-color mix:

- 50% Bourbon Street
 - 25% Peachtree Avenue
 - 25% Parquet Tan



- Brick Patterns

- Running Bond



- Herringbone



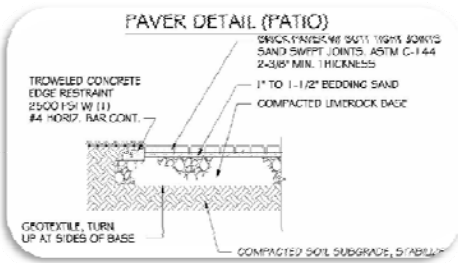
- Soldier Course



- Concrete Pavers

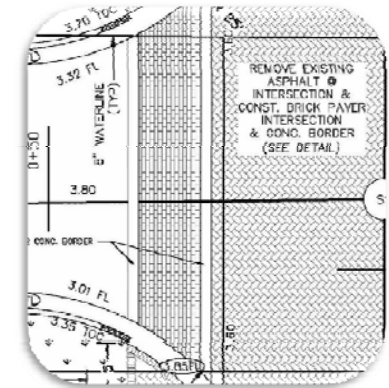
- Standard concrete paver unit

- Tremron Brick 4x8 Harvest Blend
 - Through color not face color
 - 2-3/8 inch thickness standard
 - 3-1/8 inch thickness for vehicular traffic



- Optional concrete paver unit

- Tremron Mega Olde Town or similar



- Detectable warning concrete paver

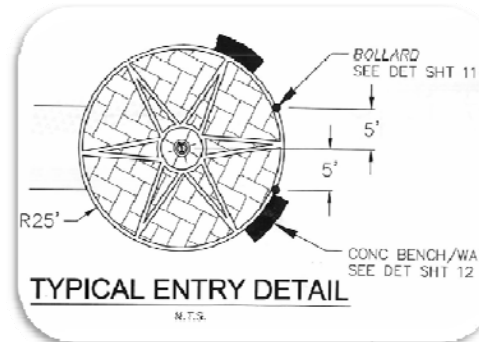
- Tremron Brick 4x8 ADA

Brick 4 X 8 ADA
 The same simple brick shape as our popular Brick 4 X 8, but with the added benefit of detectable warnings for the vision impaired.
 Meets ADA requirements

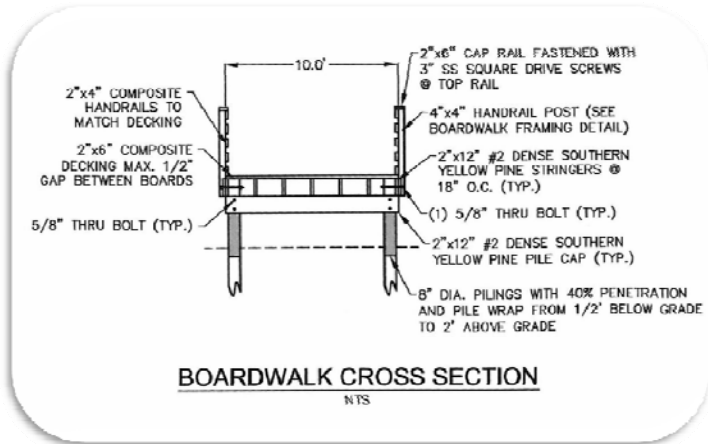


- Special Features

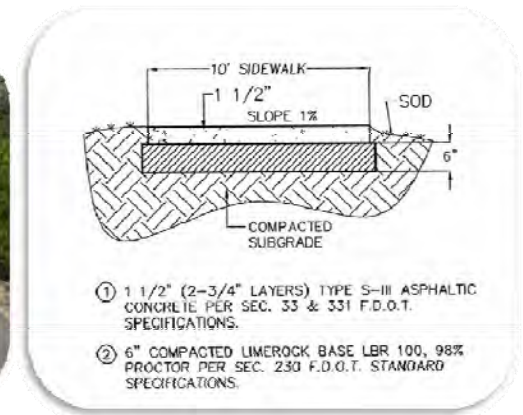
- Entryway



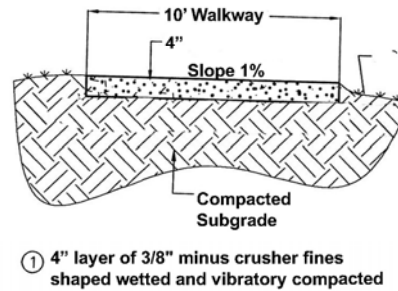
- Boardwalk
 - Wood and composite materials
 - Standard 10 to 12 feet wide



- Trails
 - ADA accessible
 - Asphalt



- Rough Trails
 - Crushed stone or similar

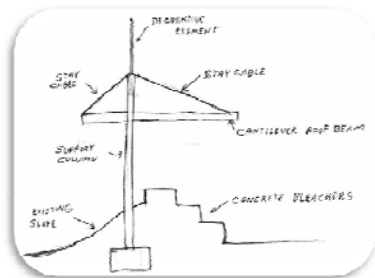




Park Structures

Structures are a vital part of any park system. They serve as shelter from the elements, activity areas, and community meeting points.

All structures within the parks system must be designed to meet the applicable sections of the Florida Building Code, best practices in Americans with Disabilities Act compliance, and in the use of environmentally sustainable and recycled materials.



Structures by type

- Picnic Shelter
- Gazebo
- Restroom
- Event Shelter
- Shade
- Specialty



Design Considerations

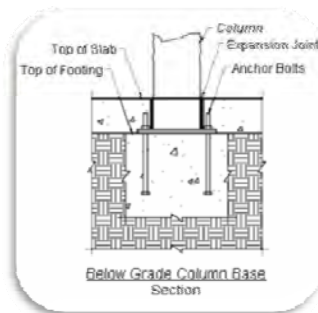
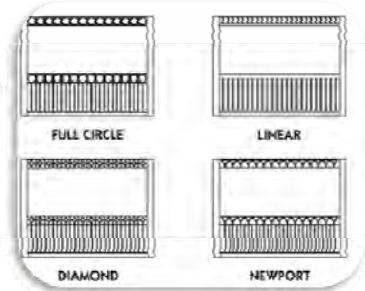
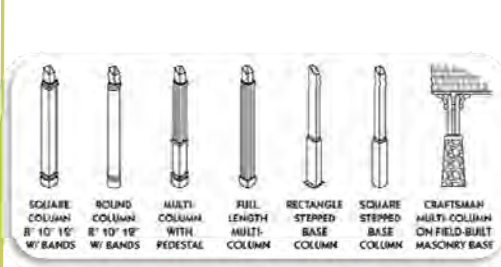
- Location of Park
- Type of Park
- Area Available
- Intended Use
- Expected Average Number of Users
- Area Architectural Context
- Vandal Resistance
- Crime Prevention Through Environmental Design



- Prefabricated Shelter Systems

- Icon Shelter Systems

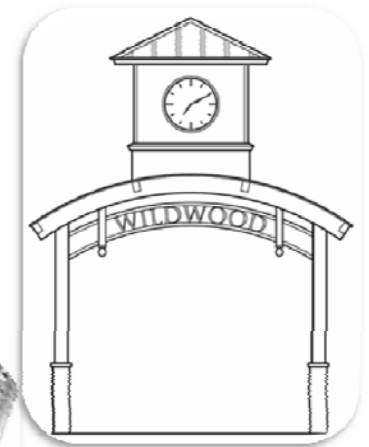
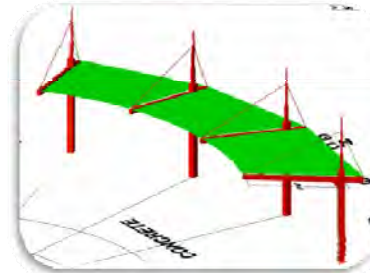
- Engineered to last
 - Customizable
 - Cost effective



- Custom Designs

- Designed In-house or By Contract

- Project Specific
 - Unique



Signage



This architectural feature should communicate effectively locations, directions, warning and information. These guidelines are intended to create a high quality and new urban type sign environment within the Park System. Designers should consider using specific identification for specific sections (ie Hibiscus Seal & Wayfinding) and incorporate clear informational fonts and content.

- Park identification
 - Standard Monument Style Sign
 - Utilizes City Seal or Hibiscus logo
 - Custom from each park location based on
 - Wayfinding System
 - Context of adjacent area
 - Park size
 - Park Type
 - Incorporates Hibiscus shrubs into associated landscaping



Lashley Park Sign Proposal

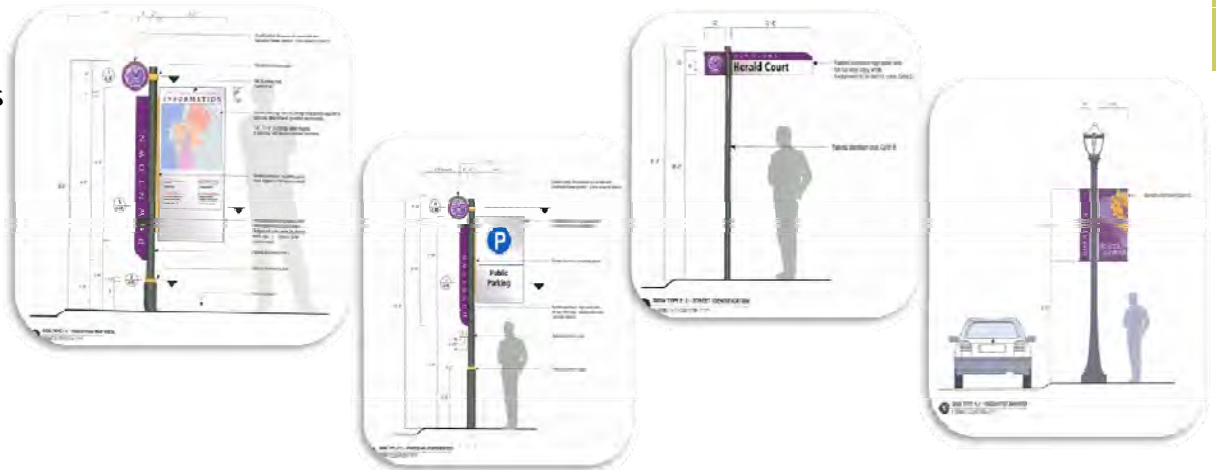


- Operational information
 - Clear
 - Clear Fonts
 - International symbols

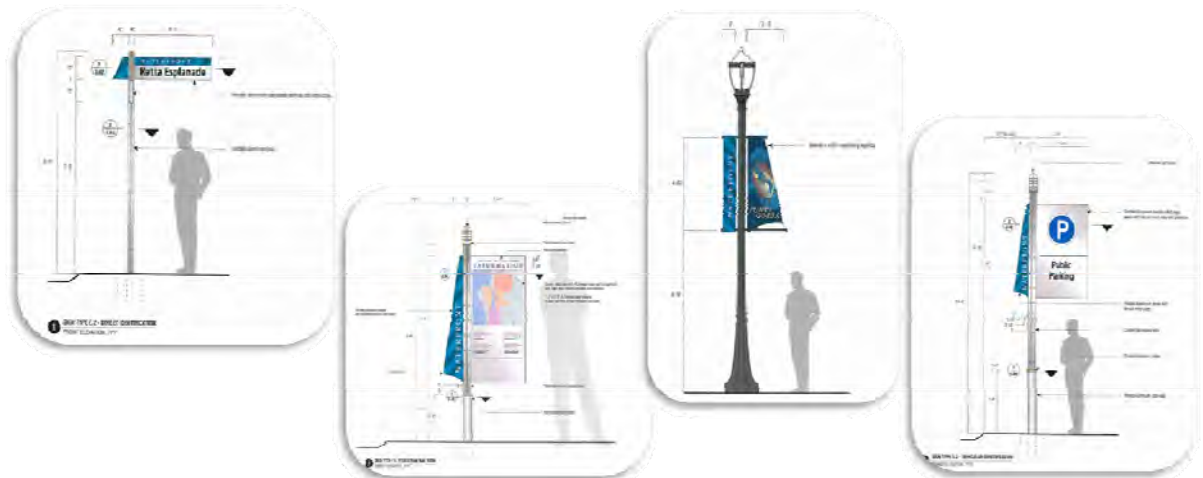


- Concise
 - Brief text
 - Non repetitive
- Consistent
 - Same styling cues
 - Same colors
 - Uniform placements

- Standard Wayfinding
 - Hibiscus Logo Custom Fabrication



- Optional Waterfront Wayfinding
 - Waterfront Custom Fabrication

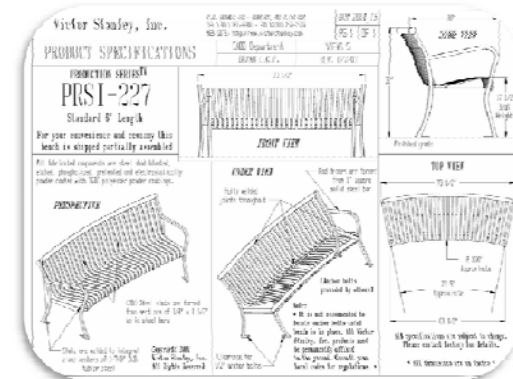
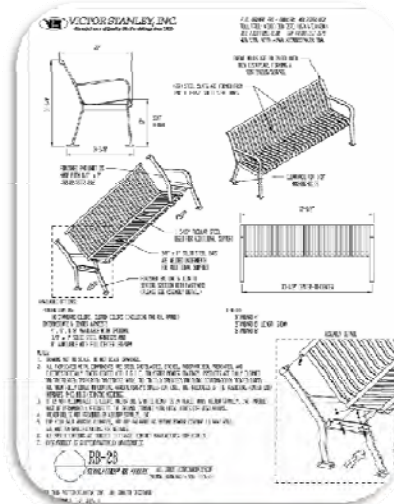




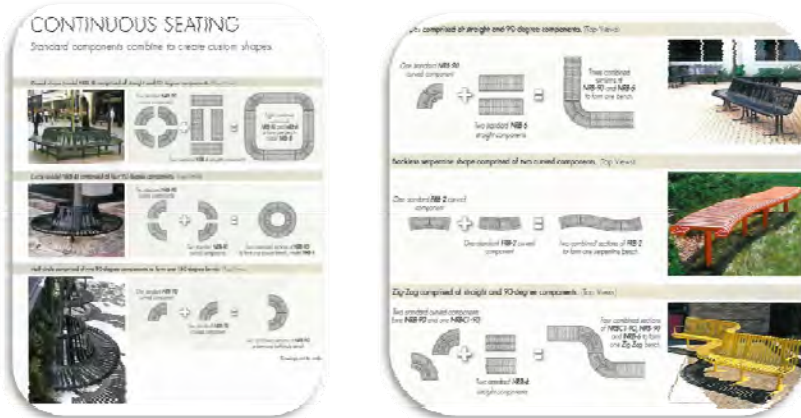
Site Furniture

Site furniture is encouraged to be placed along the streetscapes and parks within the City to promote social interaction. It should be unique to the park type specific to the street location.

- Standard Seating
 - Victor Stanley Steelsites RB Series Benches
 - 4, 6, or 8 foot Benches, Backless Benches, or Curved configurations, based on site conditions and uses
 - Standard Color: Bronze



Victor Stanley Steelsites Series Continuous Seating

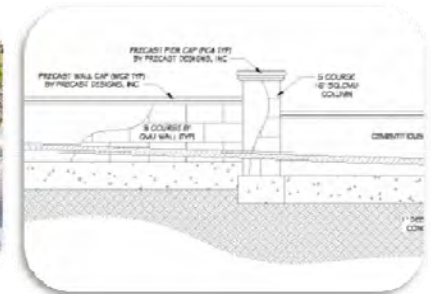


Victor Stanley Steelsites Series Café Seating



Optional Seating Types

- Seat walls: site built concrete structures serving multiple purposes
 - Defining Space
 - Provide Signage locations
 - Retaining Wall



Concrete Benches Barco Parkside

- Areas Subject to Salt Water Spray

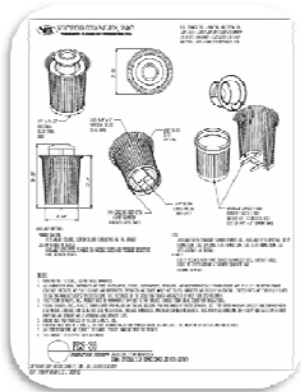


- Standard Litter Receptacles

- Victor Stanley Steelsites RB Series



- Capacity: 36 Gallon
 - Lid: Dome Lid
 - Standard Color: Bronze



- Recycling Containers Victor Stanley

- Steelsites RB Series
 - Recycle lid and band decals
 - Standard Color: Bronze



- Ash Receptacles Ecolad Landmark Series

- Adjacent to public buildings and facilities



- Pet Waste Station

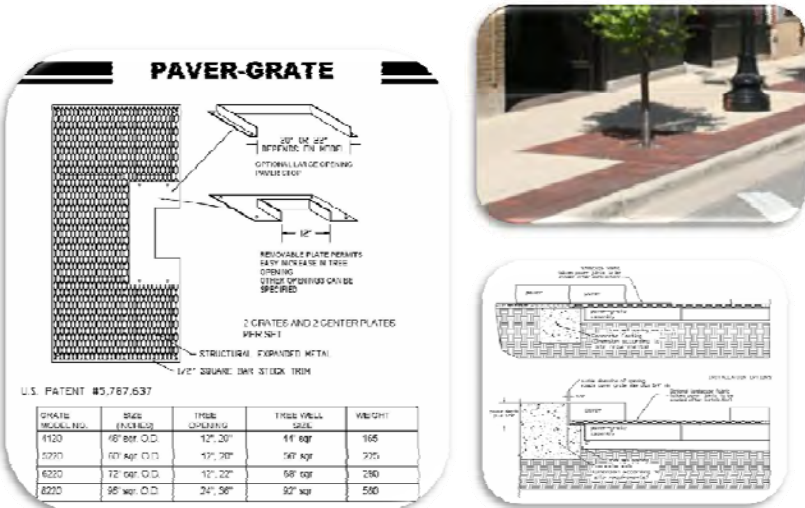
- Dogipot Dog Waste Disposal



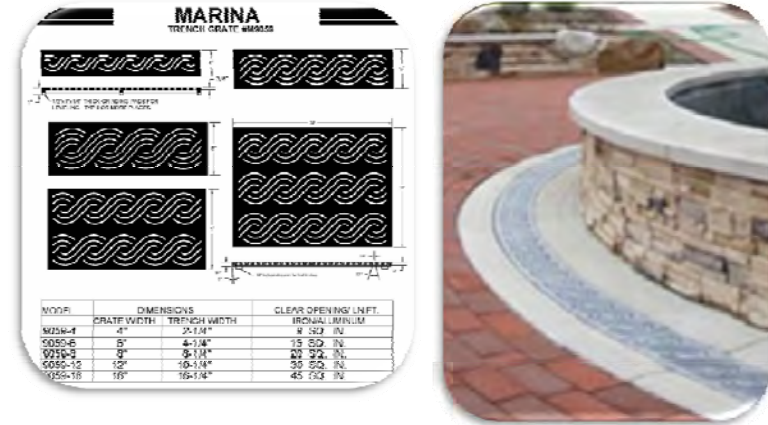
- Standard Tree Grate
 - Ironsmith Marina Series
 - Optional Up-Light



- Optional Tree Grate
 - Ironsmith Paver-Gate



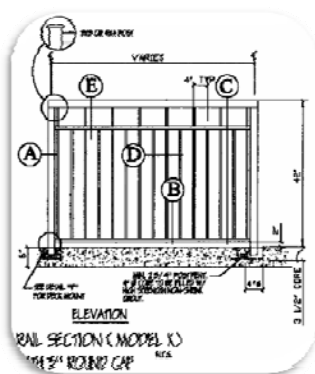
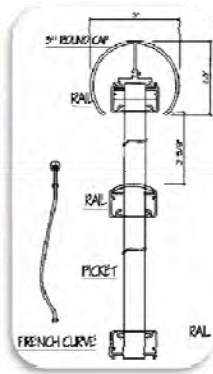
- Trench Grate
 - Ironsmith Marina Series



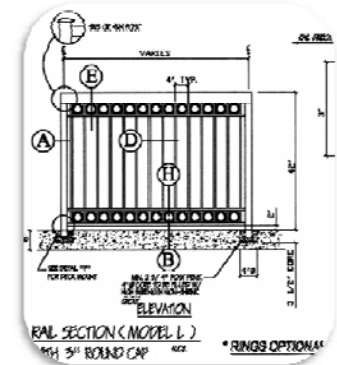
- Skate Deterrents
 - Infrastructure Protection



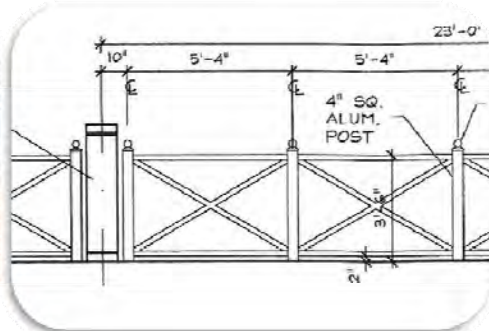
- Standard Handrail
 - Swedge Lock French Curve
 - Standard Color White



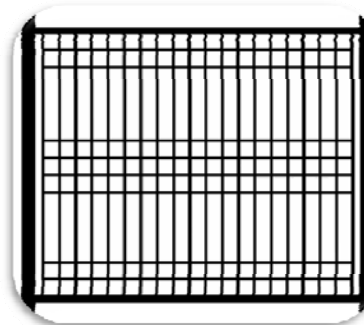
- Decorative Fence
 - Swedge Lock Model L
 - Standard Color Black



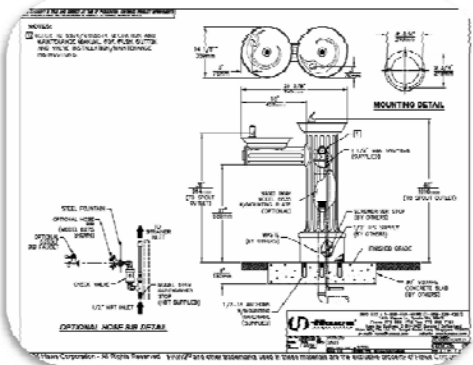
- Optional Hand Rail
 - Picket Railing between regularly spaced concrete bollards
 - Standard Color Black



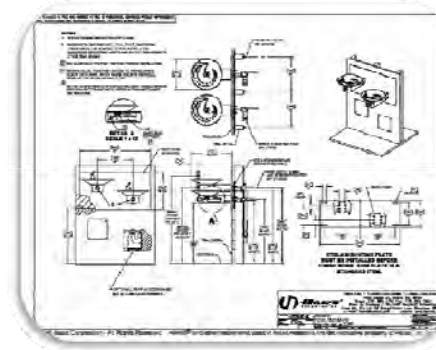
- Welded Wire Fence Patriot Ornamental
 - Dog Parks and other enclosures
 - Standard Color Black



- Standard Drinking Fountain
 - Haws 3511 Pedestal



- Wall Mounted Drinking Fountain
 - Haws 1011 Wall Mount



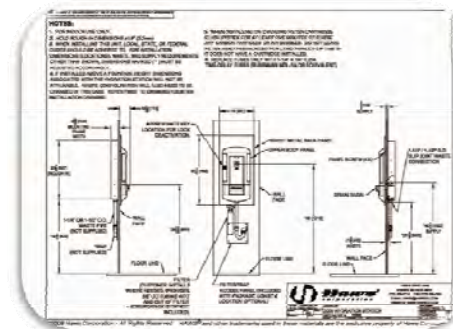
- Optional Remote Chiller



- Optional Pet Friendly Drinking Fountain
 - Murdock Super Secur M-C76-2B-PF



- Haws 2000 Hydration Station
 - Water bottle refill station
 - Interior mount only



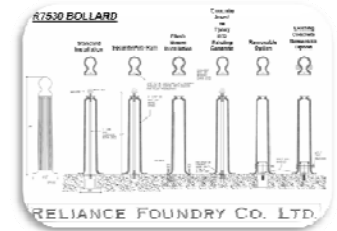
- Standard Bicycle Rack
 - Cycle-Safe Lafayette



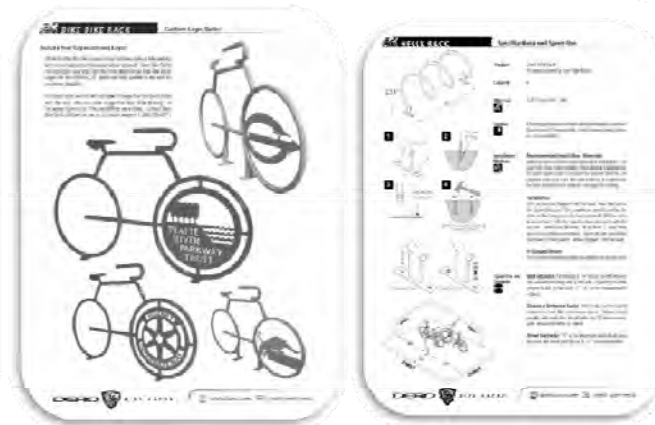
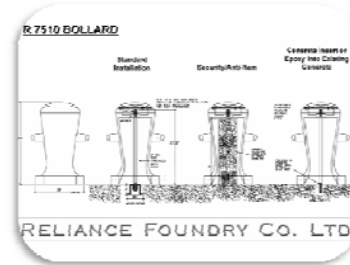
- Optional Bicycle Racks
 - Dero Bike Bicycle Rack or Helix Rack



- Standard Bollard
 - Reliance Foundry R7530
 - Removable or Standard Install



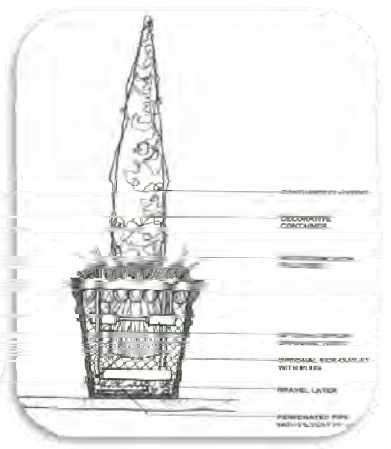
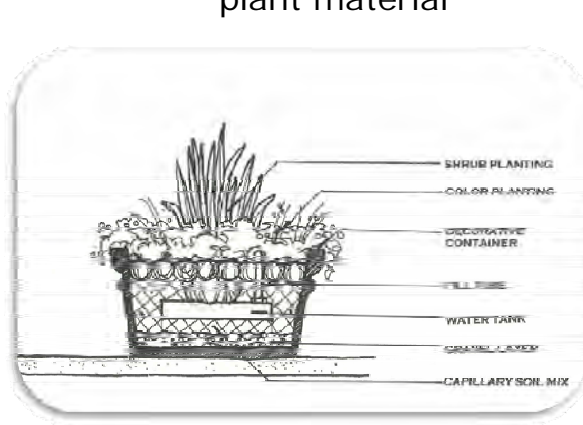
- Optional Bollard
 - Marine Type R 7510



- Planters
 - Custom shapes and sizes based site design



- Planter irrigation systems
 - Custom by planter type and plant material



- Manhole Covers
 - Custom lettering and image



Water Features



Another important component of a well integrated and dynamic Park System is the addition of water features. Urban plazas, waterfront and neighborhood parks are symbols of the community and need to be carefully designed to accommodate a wide range of formal and informal activities. Fountains, water gardens and ponds can contribute to the life of the park and provide for a more meaningful park experience. These spaces can become a focal point for social interactions which can become the defining element of a City. Water can provide an engaging element that helps establish the character and quality of the space. Important objectives of the design include water conservation, maintainability, reduced chemical use, and the health, safety and welfare of the general public.

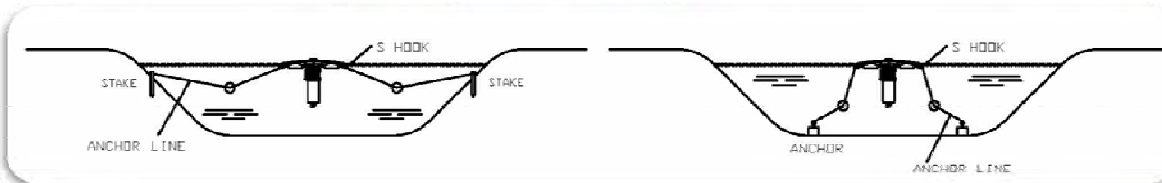
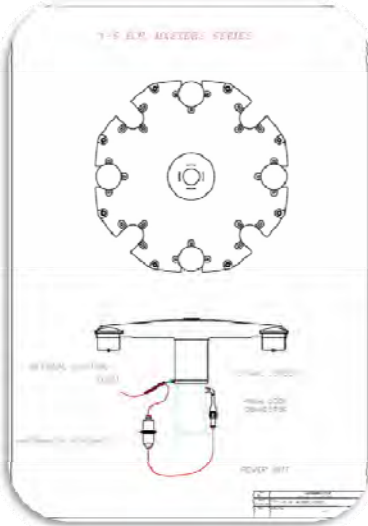
- Formal Fountains
 - Custom Design

Design Considerations

- Location of Park
- Intent of Fountain
- Area Architectural Context



- Pond Aerators and Fountains
 - Aqua Master-Master Series Fountains
 - Considerations
 - Pond Size
 - Minimum Design Depth of Pond
 - Spray Pattern
 - Optional Lighting

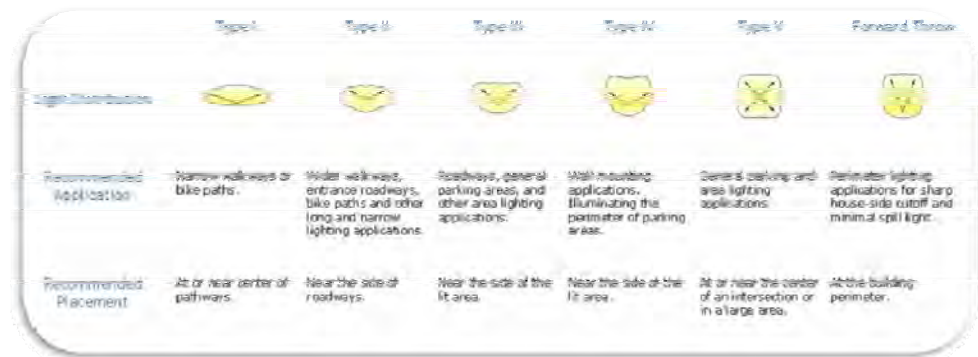


Site Lighting

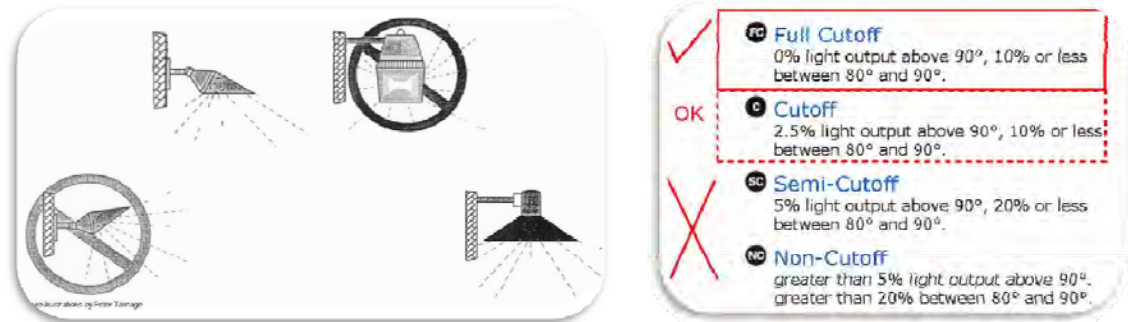


Site lighting is a key component of any public space intended for non-daylight use. In addition to aesthetics, energy conservation, safety, and preservation of natural light environment become significant factors in lighting selection. Therefore, all lighting selections should be based on a careful study of site conditions and surrounding land uses. For example urban environments may require more intense sources and dramatic lighting effects while a residential area may require fixtures that minimize light spillage onto private property. Additionally, proper lighting selection is highly technical and the following standards are to be used primarily for aesthetic guidance.

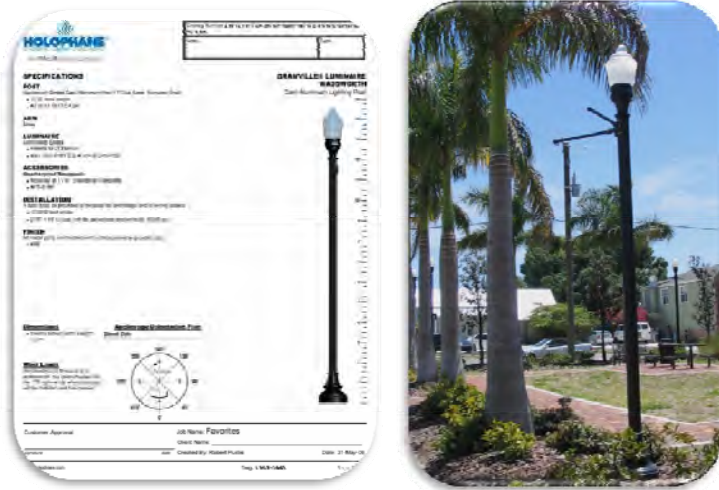
- Understanding optics
 - Light Patterns-Blub Types



- Best Practices for light sensitive areas
 - Dark Sky Standards use in:
 - Residential areas
 - Environmentally sensitive areas



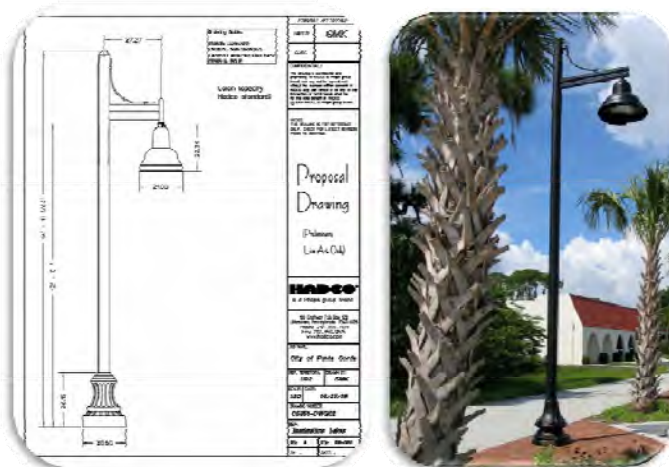
- Standard Decorative Streetlight
 - Holophane Granville/Wadsworth



- Decorative Roadway Lights
 - Hadco 5158 Series Roadway



- Optional Decorative Streetlights
 - Hadco 5158 Series Street



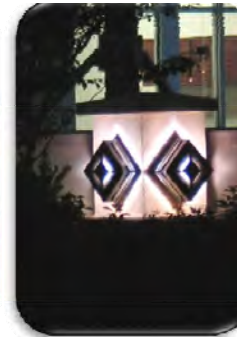
- Lighted Bollard
 - Holophane Wadsworth or similar
 - Cast aluminum with 5" diameter ball cap
 - Standard color: Black



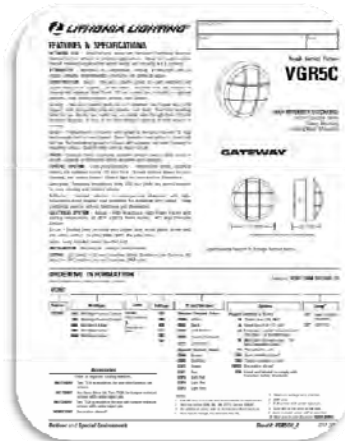
- Architectural lighting
 - Standard Wall Mount
 - Lithonia WSR or similar



- Decorative Custom
 - As specified by project



- Marine Option Wall Mount
 - Lithonia VGR5C or similar



- Standard Up Light
 - Lithonia WFL2 or similar



Art



Public Art adds uniqueness and vitality to a Parks System. Art serves as an expression of the aspirations and character of the community. Pieces of Public Art can also provide opportunities for interaction gathering spots, play and delight.

All Art installations within the parks system must be designed to meet the applicable sections of the Florida Building Code, best practices in Americans with Disabilities Act compliance, and in the use of environmentally sustainable and recycled materials.

■ Interactive Art



■ Sculpture as Playground



■ Art and Water



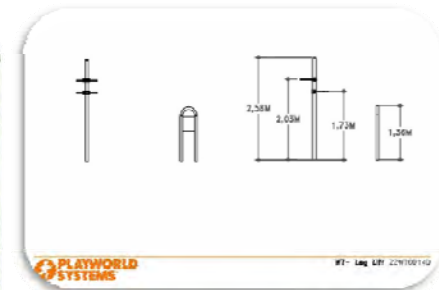
■ Murals



Fitness Equipment



- Playworld WorldTrail Equipment
 - Comprehensive fitness program for trail systems
 - Instructional Signage
 - 15 different stations
 - Fitness for most skill levels and age groups



WT - Horiz. Loop Ladder
ZZWT00190

- 14+
- 1 User
- 5.00m x 4.76m
- 32.6 Sq. m.
- 2.03m
- 4 Hrs
- 142.4 kg

PLAYWORLD SYSTEMS



WT - Step Up Station
ZZWT00150

- 14+
- 3 Users
- 7.04m x 5.00m
- 21.1 Sq. m.
- 0.45m
- 5 Hrs
- 80.3 kg

PLAYWORLD SYSTEMS



Play Surfaces

Surface America PlayBound Poured-in-Place



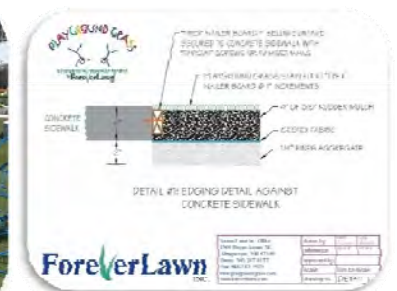
- 2-Layer System
- Custom Colors
- Custom Designs
- ADA Accessible
- ATSM critical fall height up to 12'
- Base mat layer 100% post-consumer recycled



Foreverlawn Playground Grass



- 2-Layer System
- Custom Colors
- Custom Designs
- ADA Accessible
- ATSM critical fall height up to 12'
- Base mat layer 100% post-consumer recycled



Play Equipment



Playgrounds are a vital part of any park system. They serve the children that play on them and the adults that take them there. Playgrounds and play areas as event nodes within any park adding activity and vitality to the public realm.

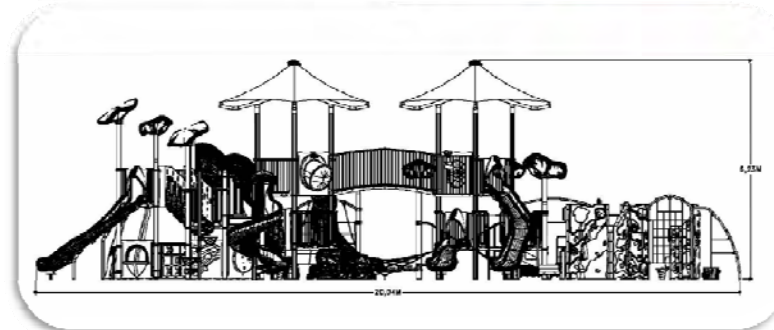
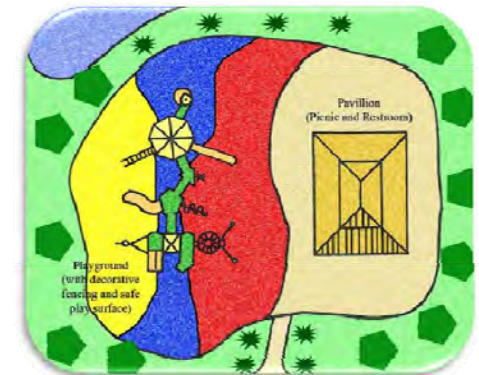
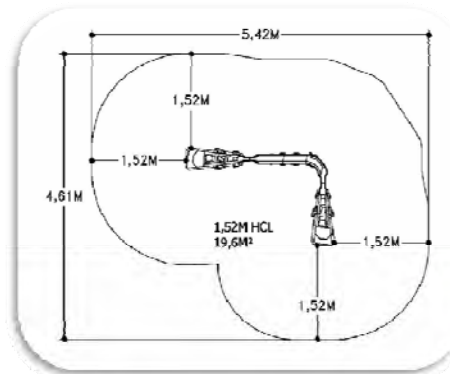
Playgrounds must be designed using ASTM International (formally American Society for Testing and Standards) standards for:

- Safety Performance Specification for Playground Equipment for Public Use
- Children's Playspaces and Equipment
- Impact Attenuation of Surface Systems Under and Around Playground Equipment

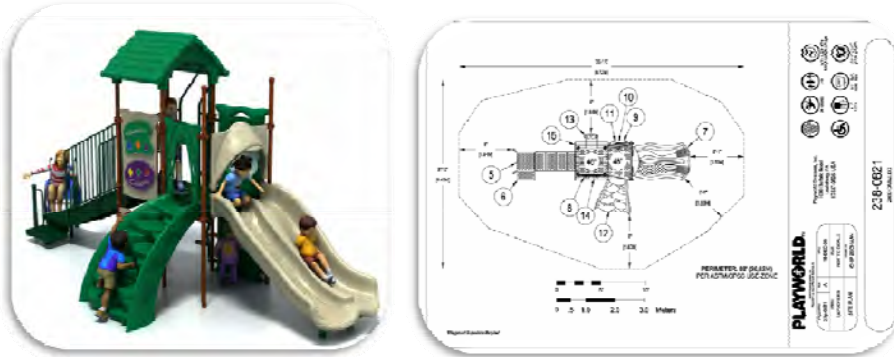
Best practices in Americans with Disabilities Act compliance, the use of environmentally sensitive and recycled materials, and age appropriate design standards.

Design Considerations

- Location of park
- Area available for play area
- User group age ranges
- Expected average number of users



- Equipment for users age 2-5
 - Playworld Explorer Model 238-0821



- Playworld Swing-7T



- Playworld FS 360° Spiral Slide



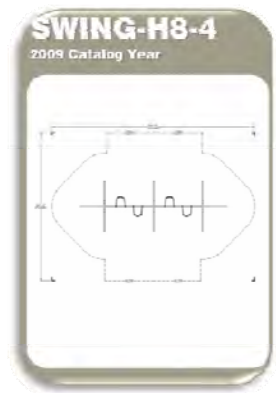
- Playworld Explorer-Music Model 238-0620



- Equipment for users age 5-12
 - Playworld SkyTowers 500-0911



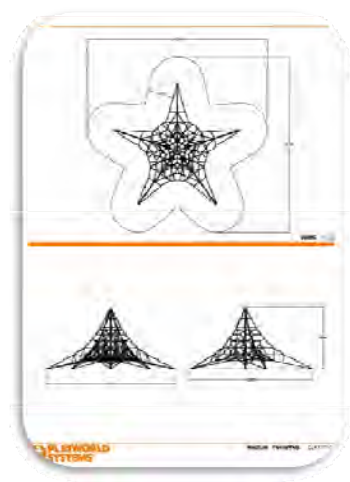
- Playworld Swing-R8-4



- Playworld Activo Zelo



- Playworld Medium PentaWeb





Event Lawn and Turf Stabilization

Event Lawns and other high traffic turf areas require comprehensive design and management practices. Special grass species, irrigation, drainage, and stabilization techniques must be combined with best practices in pest control and fertilizer application in order to ensure consistent performance.

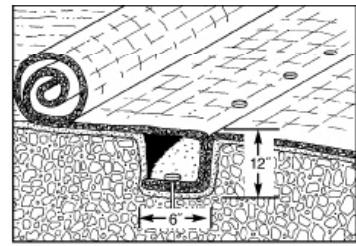
Design considerations include:

- Daily foot traffic expectations
- Expected number of events
- Type and frequency of vehicle traffic

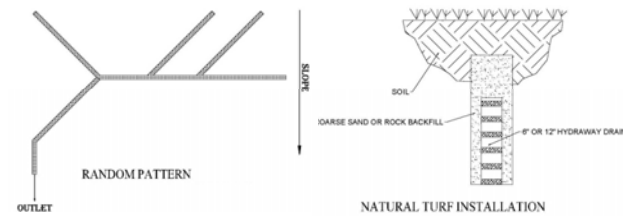
■ Drivable Grass



■ Geo-textile turf stabilizer



■ Under drain systems



■ Irrigation systems

