

Agenda

Board of Commissioners of Spalding County Extraordinary Session March 16, 2020 6:00 PM 119 E. Solomon Street, Room 108

I. OPENING (CALL TO ORDER)

PLEASE SILENCE YOUR CELL PHONES AND ALL OTHER ELECTRONIC DEVICES.

II. INVOCATION

Rev. Tim E. Conort of Union Baptist Church will deliver the Invocation.

III. PLEDGE TO FLAG

Commissioner Rita Johnson, District #3, will lead the pledge to the flag.

IV. APPOINTMENTS

1. Consider appointment of a ACCG Legislative Coordinator to replace Donald Hawbaker for a term to expire December 31, 2020.

V. PRESENTATIONS/PROCLAMATIONS

1. District IV Health Services Medical Director Dr. Olugbenga Obasanjo to brief the Commissioners on the Corona Virus.
2. Noresco to make presentation for renovations to County buildings to be funded with energy savings.

VI. PRESENTATION OF FINANCIAL STATEMENTS

VII. CITIZEN COMMENT

Speakers must sign up prior to the meeting and provide their names, addresses and the topic they wish to discuss. Speakers must direct your remarks to the Board and not to individual Commissioners or to the audience. Personal disagreements with individual Commissioners or County employees are not a matter of public concern and personal attacks will not be tolerated. The Chairman has the right to limit your comments in the interest of disposing of the County's business in an efficient and respectable manner.

Speakers will be allotted three minutes to speak on their chosen topics as they relate to matters pertinent to the jurisdiction of the Board of the Commissioners. No questions will be asked by any of the commissioners during citizen comments. Outbursts from the audience will not be tolerated. Common courtesy and civility are expected at all times during the meeting. No speaker will be permitted to speak more than three minutes or more than once, unless the Board votes to suspend this rule.

VIII. MINUTES -

1. Consider approval of minutes for the Spalding County Board of Commissioners Zoning Public Hearing on February 27, 2020 and the Spalding County Regular Meeting on March 2, 2020.

IX. OLD BUSINESS -

X. NEW BUSINESS -

1. Consider authorizing Chairman to execute agreements necessary to move forward with renovations to County buildings to be funded with savings from utility billings.

2. Consider request from Meja Construction, Inc for an alternate design review as provided for under Appendix J, Section 416 of the UDO.
3. Consider recommendation from Paragon Consulting to award bid for the CI and Jail Bar Screen project to P.F. Moon and Company, Inc. low bidder in the amount of \$223,000.00.
4. Consider Memorandum of Agreement between the Federal Aviation Administration, Georgia Department of Transportation, Spalding County, the City of Griffin, the Griffin Spalding Airport Authority, and the State of Georgia Historic Preservation Officer regarding the construction of a new airport.
5. Paragon Consulting to present concept plan and associated costs for location of Aquatic Center at The Lakes at Green Valley.
6. Consider approval of Task Order Form with Paragon Consulting for the Programming and Conceptual Design of an Aquatics Center.
7. Consider recommendations from Spalding County Leisure Services regarding request to use of BMX bicycles at Spalding County Skate Park facilities.
8. Discussion of Ethics Complaints filed against Commissioner Donald Hawbaker and establish a date and time to review the allegations to determine if there has been a prima facie violation of the Code of Ethics.

XI. REPORT OF COUNTY MANAGER

XII. REPORT OF ASSISTANT COUNTY MANAGER

XIII. REPORT OF COMMISSIONERS

XIV. CLOSED SESSION

XV. ADJOURNMENT



SPALDING COUNTY BOARD OF COMMISSIONERS
Union Baptist Church

Requesting Agency

County Clerk

Requested Action

Rev. Tim E. Conort of Union Baptist Church will deliver the Invocation.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION



SPALDING COUNTY BOARD OF COMMISSIONERS
Commissioner Rita Johnson, District #3

Requesting Agency

County Clerk

Requested Action

Commissioner Rita Johnson, District #3, will lead the pledge to the flag.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION



SPALDING COUNTY BOARD OF COMMISSIONERS ACCG Legislative Coordinator

Requesting Agency

County Clerk

Requested Action

Consider appointment of a ACCG Legislative Coordinator to replace Donald Hawbaker for a term to expire December 31, 2020.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background


Commissioner Dutton expressed his willingness to serve in this capacity at the March 3rd Regular Meeting.

Fiscal Impact / Funding Source

STAFF RECOMMENDATION

Appointment

ATTACHMENTS:

Description	Upload Date	Type
 2020-RES-006 Resolution - ACCG Legislative Coordinator	3/3/2020	Cover Memo

RESOLUTION

Spalding County Board of Commissioners Appointment of County Legislative Coordinator (CLC)

WHEREAS, legislative decisions made by the Georgia General Assembly increasingly impact county governments; and

WHEREAS, ACCG monitors and reports on legislative proposals on a regular basis during and after each legislative session; and

WHEREAS, ACCG regularly seeks input and comment from county officials and staff in assessing the impact of legislative proposals and in developing responses to such proposals; and

WHEREAS, to ensure an effective and accurate response, there must be a process whereby reports from ACCG and requests from ACCG for information or analysis of legislative proposals are directed to the most appropriate county officials or staff for a response; and

WHEREAS, counties are most effective when they communicate directly with their legislative delegation.

NOW, THEREFORE, BE IT RESOLVED to most effectively respond to legislative proposals affecting counties, there shall be one county official or staff person designated by the board of commissioners to serve as the County Legislative Coordinator (CLC) for Spalding County.

BE IT FURTHER RESOLVED that the CLC for Spalding County shall have the following:

1. Access to all department heads and county officials to obtain information and data.
2. Access to the members of the board of commissioners.
3. Working knowledge of county operations.
4. The ability and time to respond to requests for information from ACCG policy staff in a timely manner.
5. Authority within the county government structure to request and receive timely responses to requests for information.
6. Knowledge of the various departments within the county and the points of contact within each to obtain information and feedback.
7. Ability to provide periodic reports to the members of the board of commissioners and other county officials regarding the legislative reports and activities of ACCG.
8. Ability to coordinate the county's feedback directly with its legislative delegation.

BE IT FURTHER RESOLVED that the board of commissioners hereby designates - James R. Dutton to serve as CLC for Spalding County and until further notice.

BE IT FURTHER RESOLVED that notice of this appointment be immediately transmitted to the Association County Commissioners of Georgia.

This the 16th day of March, 2020.

Chairperson

County Clerk



SPALDING COUNTY BOARD OF COMMISSIONERS Covid 19 Update

Requesting Agency

County Manager

Requested Action

District IV Health Services Medical Director Dr. Olugbenga Obasanjo to brief the Commissioners on the Corona Virus.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION



SPALDING COUNTY BOARD OF COMMISSIONERS

Noresco Presentation

Requesting Agency

County Manager

Requested Action

Noresco to make presentation for renovations to County buildings to be funded with energy savings.


Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION**ATTACHMENTS:**

Description	Upload Date	Type
 NORESKO Presentation	3/12/2020	Backup Material



SPALDING COUNTY

SELF-FUNDING CAPITAL PROJECT

March 16, 2020



AGENDA

Project Goals

Project Scope

Energy Savings

Construction Phase

Next Steps



PROJECT GOAL

Spalding County Government tasked NORESO with developing a 16-17 year budget neutral solution to include the funding of a critical roofing need to address water intrusion at the LEC.

Additional needs that were identified during the development process that needed to be addressed, but not anticipated to fund within the 16-17 year period included:

- ✓ RTU replacement at LEC**
- ✓ Raising AHU's for proper installation at LEC**
- ✓ Clogged drains in mechanical rooms**

GOOD NEWS

- 15 year self funding project.
- Roofing at LEC.
- HVAC replacement at LEC.
- Lighting modernization in 11 locations.
- Water conservation at LEC and CI.
- Weatherization at 3 locations.

PROJECT GOAL

Buildings included in this project:

- ✓ Law Enforcement Center
- ✓ Correctional Institution
- ✓ Courthouse
- ✓ Courthouse Annex
- ✓ Public Defenders Building
- ✓ Public Works Building
- ✓ Senior Center
- ✓ Oxford Center
- ✓ Ambucs Park
- ✓ City Park
- ✓ Law Enforcement Hangar

A white hard hat is positioned on the left side of the image, resting on a blueprint. The blueprint contains various technical drawings and text, including the words "MECHANICAL PLUMBING PLAN" and "MECHANICAL". A blue and green gradient overlay covers the right side of the image, with the text "PROJECT SCOPE" written in white capital letters.

PROJECT SCOPE

SCOPE/Energy Conservation Measures

Lighting Modernization

- All buildings receive LED lighting.

Water Conservation

- The LEC will receive low flow fixtures and drop in kits; the CI will receive low flow drop in kits.

HVAC Replacement at the LEC

- The LEC will receive new Rooftop Units, Fan Coil Units and Makeup Air Unit/Kitchen Hood.

Roof Renovation at the LEC

- The LEC will receive a new roof.

Weatherization

- The LEC, Courthouse and Public Defenders Building will receive various methods of weatherization such as weather-stripping and door seals.

GUARANTEED SAVINGS

Current Annual Spend

\$1.1 Million

Guaranteed Annual Savings

\$342,982

Self-Funding Project

\$4,929,585

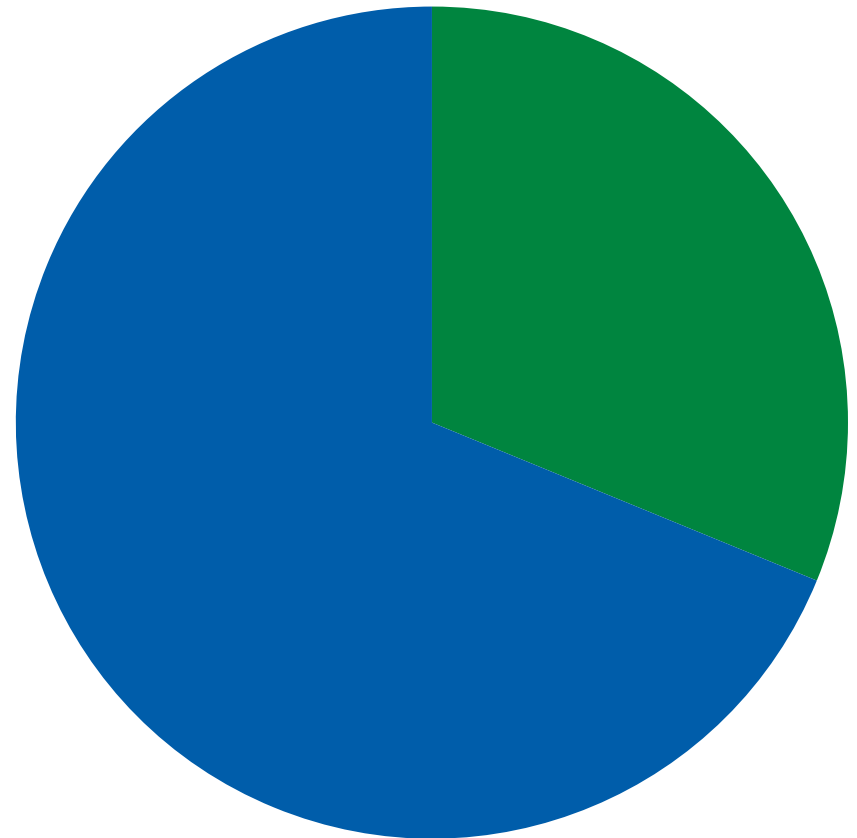
Payback

15 Years

Year 1 Utility Spending

■ Savings

■ Post Installation





NEXT STEPS

PROJECT TIMELINE





Rahn Mayo

Senior Program Manager

Cell (404) 291-5713
rmayo@noresco.com

www.noresco.com





SPALDING COUNTY BOARD OF COMMISSIONERS Approval of Minutes

Requesting Agency

County Clerk

Requested Action

Consider approval of minutes for the Spalding County Board of Commissioners Zoning Public Hearing on February 27, 2020 and the Spalding County Regular Meeting on March 2, 2020.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION

Approval

ATTACHMENTS:

Description	Upload Date	Type
<input type="checkbox"/> 2020-2-27 Zoning Public Hearing Minutes	3/10/2020	Backup Material
<input type="checkbox"/> 2020-3-2 Regular Meeting	3/10/2020	Backup Material

MINUTES

The Spalding County Board of Commissioners held their Zoning Public Hearing in Room 108 of the Spalding County Annex on Thursday, February 27, 2020, beginning at 6:00 p.m. with Chairperson Gwen Flowers-Taylor presiding. Commissioners Rita Johnson and Bart Miller were present for the meeting. Commissioner James Dutton joined the meeting at 6:09 p.m. Commissioner Donald Hawbaker was absent from the meeting. Also present were County Manager, William P. Wilson, Jr., Assistant County Manager, Michelle Irizarry, County Zoning Attorney, Newton Galloway, Community Development Director, Chad Jacobs and Kathy Gibson, Executive Secretary to record the minutes.

- A. OPENING (CALL TO ORDER)** by Chairperson Gwen Flowers-Taylor.

PLEASE SILENCE YOUR CELL PHONES AND ALL OTHER ELECTRONIC DEVICES.

- B. INVOCATION** was delivered by Commissioner Rita Johnson.

- C. PLEDGE TO FLAG**

Commissioner Bart Miller, District #4, led the pledge to the flag.

- D. Public Hearings**

At this time, I will recognize those citizens who have signed up to address the Board. Once your name is called, come to the podium, state your name and address for the record and make your comments. All speakers who are recognized will be allotted three minutes. No speaker will be permitted to speak more than three minutes unless the Board votes to suspend this rule.

Please direct your remarks to the Board and not to individual Commissioners or to the audience. Personal disagreements with individual Commissioners or County employees are not a matter of public concern and personal attacks will not be tolerated. The Chairman has the right to limit your comments in the interest of disposing of the County's business in an efficient and respectable manner.

- E. New Business**

- 1. Application #19-12Z:** Herschel Andrew Estate, Owner - William Pickett, Agent - 1285 Moreland Road (1.25 acres located in Land Lot(s) 41 & 42 of the 2nd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-4, Single Family Residential.

Commissioner James Dutton joined the meeting at 6:09 p.m.

William Pickett, 1281 Moreland Road, Williamson, GA it is a Pike County address, but a Spalding County physical location. He advised that his mother-in-law and father-in-law lived next door to them at 1285 Moreland Road and his wife has inherited the home and it is their wish to have it rezoned. Right now, the house sits on 4.89 acres and they would like to see it rezoned to a smaller tract, approximately 1.25 acres because they would like to sell that property.

Chad Jacobs, Community Development Director, then stated that the tract that will be split from the current acreage would be 1.25 acres would be rezoned to R-4, assuming it is approved and it will meet all of the road frontage requirements and acreage requirements for a lot within the R-4 District.

Commissioner Johnson then asked if there were any conditions recommended by staff.

Mr. Jacobs advised that there is a condition that the remaining 3.6 acres will

be rolled into the parcel next door, which is Mr. Pickett's property.

Motion/Second by Johnson/Miller to approve Application #19-12Z: Herschel Andrew Estate, Owner - William Pickett, Agent - 1285 Moreland Road (1.25 acres located in Land Lot(s) 41 & 42 of the 2nd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-4, Single Family Residential with the condition as stated by staff. Motion carried unanimously by all.

CERTIFICATION

On February 27, 2020, by official action of the Board of Commissioners of Spalding County, Georgia, the following change was made in the Official Zoning Map, Spalding County: All that tract or parcel of land lying and being in Land Lot(s) 41 and 42 of the Second District, Spalding County, containing 1.25 acres, 1285 Moreland Road, zoned R-4, Conditional.

The Zoning Ordinance of Spalding County, Georgia and the Official Zoning Map of Spalding County, Georgia designating the boundaries of the several types or classes of zoning districts shall be, and is hereby amended so as to change the zoning classification applicable to the following described property:

Commencing at the Intersection of the East line of Land Lot 42 and the south right-of-way of Moreland Road (100' R/W) thence northwesterly along the south right-of-way of Moreland Road a distance of 244.41 feet to the Point of Beginning;

Thence from said Point of Beginning to a right curve from which the radius point bears North 30°39'58" East, northwesterly a distance of 200.00 feet along the curve concave to the northeast, having a radius of 2178.09 feet and a central angle of 5°15'40" to a point of cusp; thence South 17°19'38" West, a distance of 307.32 feet to the beginning of a curve concave to the southeast having a radius of 1036.76 feet and a central angle of 2°54'24" and being subtended by a chord which bears South 22°30'39" West 52.59 feet; thence southwesterly and southerly along said curve, a distance of 52.60 feet to a point of cusp; thence South 78°53'39" East, a distance of 115.67 feet; thence North 42°15'40" East, a distance of 191.85 feet; thence North 17°51'47" East, a distance of 118.19 feet to the Point of Beginning.

Containing 1.25 acres, more or less.

From "AR-1, Agricultural and Residential" to "R-4, Single Family Residential" District.

Section 2: Pursuant to the authority granted to it by virtue of the Zoning Ordinance of Spalding County, Georgia, Section 414 (L) and upon a determination by the Board of Commissioners of Spalding County, Georgia that application of certain conditions on the amendment benefit the public and promote the best interests of the general welfare of the people, the following conditions shall be imposed upon the amendment to the Zoning Ordinance of Spalding County, Georgia and the Official Zoning Map of Spalding County, Georgia, as follows:

- a. The remaining 3.60 acres shall be combined with 1281 Moreland Road.

(Seal)

Gwen Flowers-Taylor, Chairman

William P. Wilson, Jr., County Clerk

2. **Application #19-13Z:** High Top Holdings, Inc. of GA, Owner - Jesse Armistead, Agent - 964 South McDonough Road (1.79 acres located in Land Lot 12 of the 3rd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-2, Single Family Residential.

Chairperson Flowers-Taylor advised that since items 2, 3, and 4 are

to be considered together and voted on independently she would go ahead and read all three applications prior to discussion.

Motion/Second by Miller/Dutton to approve Application #19-13Z: High Top Holdings, Inc. of GA, Owner - Jesse Armistead, Agent - 964 South McDonough Road (1.79 acres located in Land Lot 12 of the 3rd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-2, Single Family Residential. Motion carried unanimously by all.

CERTIFICATION

On February 27, 2020, by official action of the Board of Commissioners of Spalding County, Georgia, the following change was made in the Official Zoning Map, Spalding County: All that tract or parcel of land lying and being in Land Lot 12 of the 3rd Land District, Spalding County, containing 1.79 acres, more or less, 964 South McDonough Road, zoned R-2.

The Zoning Ordinance of Spalding County, Georgia and the Official Zoning Map of Spalding County, Georgia designating the boundaries of the several types or classes of zoning districts shall be, and is hereby amended so as to change the zoning classification applicable to the following described property:

Beginning at the intersection of the west right-of-way of South McDonough Rd. and the north right-of-way of Rehoboth Rd. thence from the Point of Beginning of Right curve from which the radius point bears North 03°32'34" West, westerly a distance of 204.28 feet along the curve concave to the north, having a radius of 804.08 feet and a central angle of 14°33'22" to a point of cusp; thence North 28°20'36" East, a distance of 424.89 feet; thence South 63°52'26" East, a distance of 216.88 feet to a point of cusp on a curve concave to the northwest having a radius of 3195.97 feet and a central angle of 1°56'13" and being subtended by a chord which bears South 32°50'19" West 108.04 feet; thence southwesterly along said curve, a distance of 108.05 feet; thence South 33°48'25" West tangent to said curve, a distance of 241.83 feet to the Point of Beginning.

Containing 1.79 acres, more or less.

From "AR-1, Agricultural and Residential" to "R-2, Single Family Residential" District.

(Seal)

Gwen Flowers-Taylor, Chairman

William P. Wilson, Jr., County Clerk

3. **Application #19-13AZ:** High Top Holdings, Inc. of GA, Owner - Jesse Armistead, Agent - 964A South McDonough Road (2.04 acres located in Land Lot 12 of the 3rd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-2, Single Family Residential.

Motion/Second by Johnson/Miller to approve Application #19-13AZ: High Top Holdings, Inc. of GA, Owner - Jesse Armistead, Agent - 964A South McDonough Road (2.04 acres located in Land Lot 12 of the 3rd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-2, Single Family Residential. Motion carried unanimously by all.

CERTIFICATION

On February 27, 2020, by official action of the Board of Commissioners of Spalding County, Georgia, the following change was made in the Official Zoning Map, Spalding County: All that tract or parcel of land

lying and being in Land Lot 12 of the 3rd Land District, Spalding County, containing 2.04 acres, more or less, 964 South McDonough Road, zoned R-2.

The Zoning Ordinance of Spalding County, Georgia and the Official Zoning Map of Spalding County, Georgia designating the boundaries of the several types or classes of zoning districts shall be, and is hereby amended so as to change the zoning classification applicable to the following described property:

Commencing at the intersection of the west right-of-way of South McDonough Rd. and the north right-of-way of Rehoboth Rd. thence westerly along the north right-of way of Rehoboth Rd. distance of 204.28 feet to a point, thence North 28°20'36" East, a distance of 258.45 to the Point of Beginning; thence from said Point of Beginning North 61°58'14" West, a distance of 15.92 feet; thence North 69°28'35" West, a distance of 548.42 feet; thence North 25°17'09" East, a distance of 98.06 feet; thence North 27°56'49" West, a distance of 68.86 feet; thence South 71°14'34" East, a distance of 630.56 feet; thence South 28°20'36" West, a distance of 166.44 feet to the Point of Beginning.

Containing 2.04 acres, more or less.

From "AR-1, Agricultural and Residential" to "R-2, Single Family Residential" District.

(Seal)

Gwen Flowers-Taylor, Chairman

William P. Wilson, Jr., County Clerk

4. Application #19-13BZ: Cedar Creek Farms, Inc., Owner - Jesse Armistead, Agent - Rehoboth Road (.09 acre located in Land Lot 12 of the 3rd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-2, Single Family Residential.

Chairperson Flowers-Taylor then asked Mr. Jacobs to tell the Board about these three applications then we will hear from anyone wishing to speak.

Mr. Jacobs then advised that there are three tracts that currently exist, one tract that has road frontage, one tract that is land locked and a third tract which is a small sliver that provides access to the land locked tract. The intention of the perspective owner is to combine these three parcels and then subdivide them into two tracts. The rezoning is needed because the tracts do not currently meet the minimum of 6 acres in an AR-1 Zoning District.

The current zoning requires a minimum of 3 acres and a road frontage of 200' per tract. Additionally, tract 2 would have been non-buildable under the current zoning. The only way these lots can be combined and then subdivided would be to go to one of the R Districts. Since the planned house sizes will meet or exceed the square footage requirement for R-2 Zoning, this is why we are asking to go to that designation. The purpose of this zoning is to get the buyer to a point to where they can build two houses on the new tracts that would be created, assuming approval.

Butch Armstead, stated that he works 203 East Taylor Street, Griffin, and he resides at 127 Jackson Street, Zebulon, GA. He stated what Mr. Jacobs stated is correct, it is his understanding that one of the properties did not get properly recorded back in the 80's and in order to sell the property as two lots this is what had to be done.

Chairperson Flowers-Taylor then asked if both of the lots as presented meet the minimum road frontage requirements?

Mr. Jacobs stated that once the two lots are combined the property in front will

provide the road frontage needed.

Chairperson Flowers-Taylor then asked for the staff recommendation.

Mr. Jacobs advised that staff is recommending approval for all three with no special conditions.

Motion/Second by Dutton/Johnson to approve Application #19-13BZ: Cedar Creek Farms, Inc., Owner - Jesse Armistead, Agent - Rehoboth Road (.09 acre located in Land Lot 12 of the 3rd Land District) - requesting a rezoning from AR-1, Agricultural and Residential, to R-2, Single Family Residential. Motion carried unanimously by all.

CERTIFICATION

On February 27, 2020, by official action of the Board of Commissioners of Spalding County, Georgia, the following change was made in the Official Zoning Map, Spalding County: All that tract or parcel of land lying and being in Land Lot 12 of the 3rd Land District, Spalding County, containing 0.09 acre, more or less, Rehoboth Road, zoned R-2.

The Zoning Ordinance of Spalding County, Georgia and the Official Zoning Map of Spalding County, Georgia designating the boundaries of the several types or classes of zoning districts shall be, and is hereby amended so as to change the zoning classification applicable to the following described property:

Commencing at the intersection of the west right-of-way of South McDonough Rd. and the north right-of-way of Rehoboth Rd. thence westerly along the north right-of way of Rehoboth Rd. distance of 204.28 feet to the Point of Beginning; thence from the Point of Beginning of Right curve from which the radius point bears North 11°00'48" East, westerly a distance of 15.13 feet along the curve concave to the north, having a radius of 804.08 feet and a central angle of 1°04'41" to a point of cusp; thence North 28°01'46" East, a distance of 262.74 feet; thence South 61°58'14" East, a distance of 15.92 feet; thence South 28°20'36" West, a distance of 258.45 feet to the Point of Beginning.

Containing 0.09 acres, more or less.

From "AR-1, Agricultural and Residential" to "R-2, Single Family Residential" District.

(Seal)

Gwen Flowers-Taylor, Chairman

William P. Wilson, Jr., County Clerk

F. Other Business:

1. Discussion of preliminary concept plan for Southside Animal Hospital proposed within the Tri County Crossing Overlay.

Mr. Jacobs advised that this a request to develop a Veterinary Clinic on Hwy 41 South headed toward Lamar County. He presented the Architectural Conceptual and the Concept Site Plan for this location. This is much like what we were dealing with when RaceTrac came before the Board as there is road frontage surrounding this parcel. Pursuant to the Tri-County Crossroads Overlay, the conceptual plan has to come before both the Planning Commission and the Board of Commissioners for any input.

Mr. Jacobs then stated that the Planning Commission loved the plan and recommended approval. There will be a need for some variances at some time in the future regarding sidewalks widths and other requirements. It will be

similar to the variances applied for and approved for RaceTrac. He wanted this to be presented to both the Planning Commission and the Board of Commissioners prior to application of any variances, due to the fact if there is something that forces the design to change slightly, that would potentially have an effect on any variance.

Mr. Jacobs then stated that pursuant to the TCC Concept Plan, this is where we are, and we wanted to get this before the Board. The construction will be tied to this design, if they come back with significant changes, it will have to come back before the Board.

Mr. Jerry Johnson, with Perspective Engineering, 4255 Wade Green Road, Kennesaw, GA, stated that he is present this evening representing the owner of the property, Dr. Daniel Roberts. He is the owner of the existing Southside Animal Hospital and wishes to move to this site once they can get it constructed. He stated that the intent would be to build the two buildings initially, one for the Veterinary Hospital and the other for the Boarding Facility. The third building would be constructed at some point in the future. It would be a complimentary business and at this time they don't know what that would be. They felt they should show it on the plan so the Board could view everything that is intended for the property.

Mr. Johnson then advised that Dr. Roberts does not intend to build all of the parking to begin with, just what will service the two buildings he is initially constructing; however, once the future building is added, the additional parking will be constructed as well.

Mr. Jacobs stated that it makes sense to present the entire project in the conceptual plan so that the Board can see what it will ultimately be at build out, but it is not uncommon to phase in the ultimate construction. They will be required, upon submission of their plans to construct the required amount of parking for the facility they are building at the time.

Mr. Johnson then provided the Board with additional elevations for the buildings being proposed.

Consensus of the Board was to approve the concept plan for the Southside Animal Hospital within the Tri County Crossing Overlay.

2. Consider authorizing a County initiated Amendment to the Future Land Use Map (FLUM) to change the current designation of the Airport Road Corridor.

Mr. Wilson advised that this was discussed at the last meeting and the Board asked that it be placed on this meeting for a formal vote. It was discussed that since there were a number of properties along Airport Road that were being rezoned and that area has been moving from a Residential District to a Commercial District over the past 10 years. The Board, at that time, thought it would be a good idea to initiate a Future Land Use Map change for that corridor so those wanting to located along that portion of Airport road would only have to rezone and not be required to go through a two-step approval process.

Chairperson Flowers-Taylor then asked for a description of the designations for the Land Use Map as the names have changed, and she is uncertain as to the designations.

Mr. Jacobs stated that for the Land Use Map that is tied to the current Comp Plan, you will have Employment Corridor, Commercial Corridor and then Mixed Corridor. The Employment Corridor is probably going to be more of an industrial setting like the Lakes at Green Valley. Commercial Corridor would be like 19-41 and the way the text reads in the Comp Plan, it is really more an emphasis on redevelopment of that corridor. Staff is recommending for this

corridor would be to take this area to a Mixed Corridor designation. This will encompass both Commercial, Office and Residential and would give the Board greater flexibility to deal with future rezoning requests.

Motion/Second by Dutton/Johnson to authorize staff to move forward with a County initiated application to change the Future Land Use Map (FLUM) designation for those parcels in the Airport Road Corridor to a Mixed Use Corridor. Motion carried unanimously by all.

Mr. Wilson then added that before the Board adjourns, he would like to remind everyone that qualifying dates are Monday thru Friday of next week, March 2nd thru March 6th. On Monday thru Thursday, the hours are from 9:00 a.m. to 5:00 p.m. and on Friday the hours are from 9:00 a.m. to 12:00 p.m. at the Board of Elections Offices.

Mr. Jacobs also wanted to remind the Board that the Census is coming up and he wanted to make sure that everyone is “spreading the word.” We are currently waiting on the post cards from the U.S. Census Bureau. Next month the cards will be mailed out to all county addresses.

Mr. Wilson then announced that this is the last meeting that Mr. Jacobs as the Community Development Director for Spalding County. He will be moving across the street, he will be working with the County in a joint effort with the City on many projects. We wish him well and we will miss him. He has done a great job while he has worked for Spalding County and he wanted to thank him for all his hard work and his working in moving that Department forward.

G. Closed Meeting – None.

H. Adjournment

Motion/Second by Miller/Johnson to adjourn the meeting at 6:44 p.m. Motion carried unanimously by all.

/s/ _____ /s/ _____
Gwen Flowers-Taylor, Chairperson William P. Wilson, Jr., Clerk

MINUTES

The Spalding County Board of Commissioners held their Regular Meeting in Room 108 of the Spalding County Annex on Monday, March 2, 2020, beginning at 6:00 p.m. with Chairperson Gwen Flowers-Taylor presiding. Commissioners James Dutton, Rita Johnson and Bart Miller were present for the meeting. Commissioner Donald Hawbaker was absent from the meeting. Also present were County Manager, William P. Wilson, Jr., Assistant County Manager, Michelle Irizarry, County Attorney, Stephanie Windham and Executive Secretary, Kathy Gibson to record the minutes.

I. OPENING (CALL TO ORDER) by Chairperson Gwen Flowers-Taylor.

PLEASE SILENCE YOUR CELL PHONES AND ALL OTHER ELECTRONIC DEVICES.

II. INVOCATION

Pastor Thomas Hill with Crestview Baptist Church delivered the Invocation.

III. PLEDGE TO FLAG

Commissioner James Dutton, District #2, led the pledge to the flag.

Commissioner Rita Johnson then asked to amend the agenda in two places. First, to add a recognition item under Presentations and Second, to move the Public Hearing before consideration of the item under Old Business.

Motion/Second by Johnson/Miller to amend the Agenda to add an item under Presentations and Proclamations and to conduct the Public Hearing before considering the item under Old Business. Motion carried unanimously by all.

IV. APPOINTMENTS

1. Consider request from the Griffin-Spalding Airport Authority for the Board of Commissioners to appoint another County Commissioner to succeed Commissioner Donald Hawbaker on the Authority for a term ending December 31, 2022.

Chairperson Flowers-Taylor advised that Commissioner James Dutton would like to serve on the Griffin-Spalding Airport Authority.

Motion/Second by Dutton/Johnson to appoint James Dutton to the Griffin-Spalding Airport Authority. Motion carried unanimously by all.

2. Consider appointment to the Griffin-Spalding County Area Transportation Committee.

Chairman or designee to succeed Commissioner Donald Hawbaker for term ending December 31, 2020.

Chairperson Flowers -Taylor stated that this is the Chairman or designee appointment and she will be taking Commissioner Hawbaker's place on the Griffin-Spalding County Area Transportation Committee.

3. Consider appointment to the Griffin-Spalding Business & Tourism Association, Inc.

To succeed Donald Hawbaker as the Sun City Peachtree Representative for term to expire December 31, 2022.

Mr. Wilson stated that he had asked Clay Davis to send out a request to Sun City Residents, because this is actually a Sun City Peachtree Resident appointment on this board. There were four individuals from Sun City who have signed up to be on this Board: Vera McIntosh, Joseph Kurey, Sally Sullivan and William Burns. He then advised that the nominations would be announced in the order they were received and the first one to receive a majority of the vote would be appointed to the GSBTA. Mr. Wilson then stated that Vera McIntosh who lives on Begonia Court and is a retired educator and is the first name for consideration.

Motion/Second by Johnson/Miller to approve Vera McIntosh as the Sun City Resident representative to the Griffin-Spalding Business and Tourism Association Sun City Peachtree Representative to succeed Donald Hawbaker for a term to expire on December 31, 2022. Motion carried unanimously by all.

4. Consider appointment to the Atlanta Regional Commission to succeed Commissioner Donald Hawbaker on the Transportation & Air Quality Committee (TAQC) for the term ending December 31, 2020.

Chairperson Flowers-Taylor then asked the Board to entertain tabling this request, because we aren't sure what is required of this appointment.

Motion/Second by Johnson/Dutton to table item #4 the appointment to the Transportation and Air Quality Committee. Motion Carried Unanimously by all.

Mr. Wilson advised that he has a telephone call into ARC to get some additional information on this appointment. He should have something from Mr. Orr for the next meeting.

5. Consider appointments to the Two Rivers R C & D Council.

Chairman or designee to succeed Commissioner Donald Hawbaker for a term to expire 12/31/2020.

Chairperson Flowers -Taylor stated that this is the Chairman or designee appointment and she understands that this meeting is only once a year so she will be taking Commissioner Hawbaker's place on the Two Rivers RC & D Council.

Mr. Wilson then stated that the session is about halfway finished, but we were made aware that Commissioner Hawbaker was appointed as the ACCG Legislative Coordinator for Spalding County. Mr. Wilson advised that if the Board approves, this appointment will be placed on the next meeting for consideration.

V. PRESENTATIONS/PROCLAMATIONS

1. Consider approval of a Proclamation nunc pro tunc declaring Friday, February 21, 2020 as Jeff Treadway Day in the Spalding County, Georgia.

Mr. Wilson stated that Commissioner Dutton presented the proclamation and can tell us about the event in Macon.

Commissioner Dutton stated that growing up in Spalding County and playing second base when he was young, Jeff Treadway was the Major League guy from Griffin. When he got the call to present this Proclamation, he was both honored and thrilled. He took his father to the event as photographer. He met with Griffin's Mayor and presented the proclamations before the actual event. It was an amazing ceremony, there were some real household names who were inducted that night and it was "really cool" to see our hometown guy right there with them. It could not have been a more memorable evening and he was so glad the he was able to represent the Board at the event.

Motion/Second by Dutton/Johnson to approve the Proclamation nunc-pro-tunc declaring Friday, February 21, 2020 as Jeff Treadway Day in Spalding County, Georgia. Motion carried unanimously by all.

2. The Spalding County Public Works Department would like to recognize Jason Williams, Senior Public Works Officer, for his participation in the APWA Georgia State Equipment Rodeo on February 11, 2020. Mr. Williams received 1st Place in the rodeo and will represent the State of Georgia at the national equipment rodeo to be held in August of this year in New Orleans.

T.J. Imberger, Public Works Director, stated that it is exciting to be here this evening to honor one of the great employees we have in Spalding County, Senior Public Works Officer, Jason Williams. Mr. Williams is one of our equipment operators and a few weeks ago we went to Perry, Georgia and participated in the statewide American Public Works Association Conference trade show and rodeo. Representatives from all of the Public Works Departments in the State of Georgia sent their best to the Rodeo and we had three participating: Kenneth Wilkerson, David Cox and Jason Williams.

Mr. Williams competed in the mini-excavator portion of the rodeo, he had a time of 1 minute and 27 seconds which was a perfect score, as he had no deductions for any mistakes. This makes him #1 in the State of Georgia and in August, he will be representing the entire State of Georgia at the National APWA Equipment Rodeo in New Orleans, Louisiana.

VI. PRESENTATION OF FINANCIAL STATEMENTS – None.

VII. CITIZEN COMMENT

Speakers must sign up prior to the meeting and provide their names, addresses and the topic they wish to discuss. Speakers must direct your remarks to the Board and not to individual Commissioners or to the audience. Personal disagreements with individual Commissioners or County employees are not a matter of public concern and personal attacks will not be tolerated. The Chairman has the right to limit your comments in the interest of disposing of the County's business in an efficient and respectable manner.

Speakers will be allotted three minutes to speak on their chosen topics as they relate to matters pertinent to the jurisdiction of the Board of the Commissioners. No questions will be asked by any of the commissioners during citizen comments. Outbursts from the audience will not be tolerated. Common courtesy and civility are expected at all times during the meeting. No speaker will be permitted to speak more than three minutes or more than once, unless the Board votes to suspend this rule.

Mr. Wilson stated there was confusion in signing up, there were two lists, one for Citizens Comments and one for the Public Hearing section of tonight's agenda. He then advised that anyone who has designated that they would like to speak on the Board of Elections could comment during the Public Hearing portion of the meeting. There are two who have signed up to speak under Public Comments.

Margaret Varnom, 111 McKinley Drive, Griffin, spoke regarding "Big Blue" what a blessing it is to have it available for our Senior Citizens and spoke regarding the problems with the heating and air conditioning on this aging piece of equipment. She encouraged the Board to replace Big Blue soon.

Peter Cabrel, 1260 Hillview Road, Hampton, wanted to thank the Public Works Department for all of their hard work on Pomona Road, he advised that he has taken pictures of that dirt road and sent them to Henry County to show how a dirt road should be maintained. He also express concern over ATV's and UTV's on roadways, he would like to have some clarification as to if these types of vehicles can travel on the roadways and would like to hear something from law enforcement.

Once again 2160 Rocky Creek Road, the event center, he was in North Carolina this past week and arrived back home around 7:30 in the evening. He could not believe it, it was like having the fair. He did call the Sheriff's Office at 10:30 p.m., he had enough. He would like to have this "looked" at again.

He also had a question regarding the intersection of Boynton Road and Happy Hollow, where Jordan Hill meets Rocky Creek. It is a racetrack there. Would it be possible to get stop signs put there to at least slow them down?

VIII. MINUTES -

1. Consider approval of minutes for the Spalding County Board of Commissioners Extraordinary Session on February 17, 2020.

Motion/Second by Johnson/Miller to approve the minutes for the Spalding County Board of Commissioners Extraordinary Session on February 17, 2020. Motion carried unanimously by all.

IX. OLD BUSINESS – Per Amendment to the Agenda this item to be considered after the public hearing.

1. Consider local legislation to restructure the Spalding County Board of Elections and Voter Registration.

Commissioner Dutton stated that it appears there is a lot of misconception or misinformation regarding the changes to be requested and what some of the concerns have been. What he has discussed is moving the County toward doing what most of the counties in Georgia are doing, whose legislation he has read, the only change he sees that could help the Board is instead of political parties who are unanswerable to anyone internally deciding who sits on that Board, the elected County Officials appoint one person for a specified term. Anyone who says anything different, it simply is not true. Any change in legislation would go into effect July 1st, but all the current Board members would stay until new appointments could be made in January 2021. This would have no affect on our current elections. Dr. Gooden, who is from his district, would be his appointment, he doesn't know why that would change.

He stated that instead of the two political parties choosing individuals from their respective groups, then those four individuals choosing the fifth member of the Board the appointments would be made by Officials who were elected by the citizens and ultimately answer to the citizens of this community. It wouldn't change how the Board works, it wouldn't change the Supervisor's reporting responsibility, you would simply take it out of the hands of literally the most political way it could possibly be done, literally by the Democratic and Republican Parties with no other political party being considered.

Commissioner Johnson stated that she wanted to applaud everyone who actually came out tonight to speak on this issue. This is what a Public Hearing is all about and you have taken advantage of this forum. It is very important that we, as commissioners, got a chance to hear you. You are right, we are here working on your behalf. She wanted to say thank you for coming out and she wanted to thank the Board of Elections for coming out and speaking as well. Without hearing how you feel, we simply don't know.

Commissioner Johnson stated that she is in agreement, she doesn't feel that any restructuring is needed or that any changes should be made at this time. As one gentleman mentioned, we are coming up on a major election year. When you go to the office, everything is organized perfectly and ready to go,

she was very impressed with what she saw. She understands some of the reasons for restructuring this department, but in listening to the citizens who came in this evening, she feels it needs to be left as it is.

Commissioner Miller then expressed his concern regarding the Board requesting a significant increase in salary for the Elections Supervisor. The Board of Elections has no idea regarding the County Budget and what it takes to run this County. We have 500+ employees and when you want to give someone a significant raise who has only been here a few years it can cause a lot of problems. He stated he hasn't had any problems going to vote and he hasn't had anyone complain to him directly, but he does have a problem with a Board making budgetary decision without considering the overall budget of Spalding County. This County is on a tight budget, so we need to look at any raises and the Election Board shouldn't be requesting special raises for anybody without consulting the County Manager and is then presented to the Board of Commissioners.

Commissioner Dutton then stated that he respectfully disagreed with Commissioner Miller as the Board of Elections should be given a budget and if they choose to reallocate funds within that budget to accommodate a increase in pay for the Supervisor of Elections, that should be allowed as long as they keep their expenses within budget.

Commissioner Johnson then added that at the end of the day the Board of Commissioners approves the budget.

Mr. Wilson then advised that the budgets are approved on a line-item basis; and that is a level of control that the County exercises over the budget. We also have a Personnel Ordinance that covers most employees, which would need to be considered as well.

Commissioner Dutton stated that he understands; however, he doesn't agree.

Chairperson Flowers-Taylor stated she remembers when this legislation was passed and part of the reason was because at the time this Board was a majority of Republicans and she has seen Board members sit on this dais and say that they couldn't appoint someone in the community that is not a Republican, because they had promised that to the Republican Party. When she looks and sees that a grown man cannot choose the best candidate, but has to choose a political candidate, she doesn't feel that the power on this board should have anything to do with the Elections Office.

The thought of changing the Elections Supervisor to answer to the County Manager is problematic for her because Mr. Wilson works for the Board of Commissioners and if this Board was completely full of Democrats or completely full of Republicans, Mr. Wilson's job is to do what they tell him to do. And that is the climate that operated in this County some years ago. She is proud to say that it doesn't work like that now. That is the reason the legislation was drafted the way it was.

Chairman Flowers-Taylor then added that she agrees with many of the individuals who spoke during the Public Hearing. There is more customer

service going on in that Elections Office than she has seen in many years, this is not a Black/White issue, this is a “have” and a “have not” issue. When you go into the Elections Office and you cannot read and people talk ugly to you, she heard a woman in the Elections Office, who has been retrained since the Elections Supervisor came in, tell a gentleman that if he could not read then he shouldn't vote. She attributes this type of behavior directly to the leadership. Just because you can't read, doesn't mean you don't know who you want to be elected. She doesn't feel that it is broken.

With regard to what Commissioner Miller was saying regarding the Board of Elections requesting a salary increase for the Elections Supervisor was based on our pay scale. We have a set pay scale, you can arbitrarily say what you want. Her understanding was their impression was that the Supervisor was going to be paid at a certain level on the pay scale and she was actually paid at a different level on the pay scale.

She does agree that the Board should have come to us and advised that this is a misunderstanding that we had. There needs to be a lot more communication between staff and the Board of Commissioners.

Motion/Second by Johnson/Flowers-Taylor to not submit any local legislation to restructure the Spalding County Board of Elections. Motion carried 3-1 (Dutton).

X. PUBLIC HEARING –

Motion/Second by Dutton/Johnson to enter into Public Hearing. Motion carried unanimously by all.

1. Conduct a Public Hearing to determine if Spalding County should request legislation to restructure the Board of Elections.

Spoke Against Restructuring the Board of Elections

JoAnne Phinzaee, 859 Park Point Drive, Griffin

Bob Beyer, 516 Orchid Lights Court, Griffin (*)

Margaret Bentley, 1317 North 2nd Street, Griffin

Randall Gooden, 107 Ola Circle, Griffin

Arthur Yarbrough, 135 Poplar Point, Griffin

Jewell Walker-Harps, 103 McEthel Drive, Griffin

(*) Mr. Beyer also presented the Board with petitions that had been circulated throughout the County containing approximately 130 signatures asking that the Board of Elections legislation remain as it is. According to the petition, the Elections Board is functioning fairly and effectively and there is no need for a change.

Motion/Second by Johnson/Miller to close the Public Hearing.

Motion carried unanimously by all.

The agenda then addressed Old Business as requested by the Agenda Amendment.

XI. NEW BUSINESS -

1. Consider approval of an Ordinance establishing the On-System Speed Zones for Spalding County approved by the Georgia State Patrol.

Mr. Wilson stated that in October the County Commissioners submitted a list of roads that we felt should be allowed to have radar or speed detection devices on. We submitted the list to the State of Georgia, Department of Transportation. They reviewed the list and recommended all but about four roads. This incorporates the approved roads into the County's code of Ordinances. There are two sections of the Ordinance: On-System and Off System. On-System road are roads State Roads that run through the County. Off-System are the local county roads.

Motion/Second by Dutton/Johnson to approve an Ordinance establishing the On-System Speed Zones for Spalding County as approved by the Georgia State Patrol. Motion carried unanimously by all.

2. Consider approval of an Ordinance establishing the Off-System Speed Zones for Spalding County approved by the Georgia State Patrol.

Motion/Second by Johnson/Dutton to approve an Ordinance establishing the Off-system Speed Zones for Spalding County as approved by the Georgia State Patrol. Motion carried unanimously by all.

3. Consider award of contract to Lux Mitigation & Planning, low bidder in the amount of \$18,000 for Hazard Mitigation Plan Update.

Mr. Wilson stated that we received three bids from a high of \$23,500 to a low of \$18,000. Lux Mitigation was the low bid. He then reviewed what is included in this Plan Update per the Spalding County Fire Department:

The scope of the Spalding County Pre Hazard Mitigation Plan update encompasses all areas of Spalding County, including all of its municipalities. The plan identifies all natural and technological hazards that could threaten life and property in Spalding County. This includes both short and long-term mitigation strategies with implementation and possible funding sources of project funding for those items listed in the plan, through additional grants that result from being federally declared from an emergency and or disaster.

The Spalding County Pre Hazard Mitigation Plan was last updated in 2016 and approved by FEMA in 2017, which we are required to perform this update on a 5 year basis. We were awarded a Hazard Mitigation grant of

\$24, 000 to assist with the update of this plan and the county match of 15% will be funded using in kind match of the time of all parties that will be participating in this planning process. Thus, the county will not have any funds to be used to supplement this grant.

Motion/Second by Dutton/Miller to approve the contract with Lux Mitigation & Planning, the low bidder in the amount of \$18,000 for the Hazard Mitigation Plan Update. Motion carried unanimously by all.

PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made and entered into this this 2nd day of March, 2020 (the "Effective Date"), by and between **SPALDING COUNTY, GEORGIA**, a political subdivision of the State of Georgia, acting by and through its governing authority, the Spalding County Board of Commissioners (hereinafter referred to as the "County"), and **LUX MITIGATION AND PLANNING CORP.**, a Georgia corporation (herein after referred to as the "Consultant"), collectively referred to herein as the "Parties."

WITNESSETH:

WHEREAS, the County requires that its Hazard Mitigation Plan be reviewed and updated (the "Project"); and

WHEREAS, County desires to retain Consultant to provide certain services in the completion of a Project; and

WHEREAS, County finds that specialized knowledge, skills, and training are necessary to perform the Work (defined below) contemplated under this Agreement; and

WHEREAS, Consultant desires to perform the Work as set forth in this Agreement under the terms and conditions provided in this Agreement; and

WHEREAS, the public interest will be served by this Agreement; and

WHEREAS, Consultant has familiarized itself with the nature and extent of the Agreement, the Project, and the Work, and with all local conditions and federal, state and local laws, ordinances, rules and regulations that may in any manner affect cost, progress or performance of Work.

NOW, THEREFORE, for and in consideration of the mutual promises, the public purposes, and the acknowledgements and agreements contained herein, and other good and adequate consideration, the sufficiency of which is hereby acknowledged, the Parties do mutually agree as follows:

I. SCOPE OF SERVICES AND TERMINATION DATE

A. Agreement. The Agreement shall consist of this Professional Services Agreement and the attached Hazard Mitigation Plan Update proposal submitted by Consultant dated

February 11, 2020, marked Exhibit A, which is incorporated herein by this reference.

B. Project Description. The "Project" at issue in this Agreement is generally described as review and update County's Hazard Mitigation Plan.

C. The Work. The hazard mitigation plan update to be completed under this Agreement regarding the Project (the "Work") includes, but shall not be limited to, the Work described in the Consultant's Proposal and Scope of Work documents attached hereto marked **Exhibit "A"**, and by this reference incorporated herein. Unless otherwise stated in **Exhibit "A"**, the Work includes all material, labor, insurance, tools, equipment, machinery, water, heat, utilities, transportation, facilities, services and any other miscellaneous items and work necessary to complete the Work. Some details necessary for proper execution and completion of the Work may not be specifically described in the Scope of Work, but they are a requirement of the Work if they are a usual and customary component of the contemplated services or are otherwise necessary for proper completion of the Work.

D. Schedule, Completion Date, and Term of Agreement. Consultant understands that time is of the essence of this Agreement and warrants and represents that it will perform the Work in a prompt and timely manner, which shall not impose delays on the progress of the Work. The term of this Agreement ("Term") shall commence as of the Effective Date, and the Work shall be completed, and the Agreement shall terminate, on or before **December 31, 2022**.

II. WORK CHANGES

A. Change Order Defined. A "Change Order" means a written modification of the Agreement, signed by representatives of County and Consultant with appropriate authorization.

B. Right to Order Changes. County reserves the right to order changes in the Work to be performed under this Agreement by altering, adding to, or deducting from the Work. All such changes shall be incorporated in written Change Orders and executed by Consultant and County. Such Change Orders shall specify the changes ordered and any necessary adjustment of compensation and completion time. If the Parties cannot reach an agreement on the terms for performing the changed work within a reasonable time to avoid delay or other unfavorable impacts as determined by County in its sole discretion, County shall have the right to determine reasonable terms, and Consultant shall proceed with the changed work.

B. Change Order Requirement. Any work added to the scope of this Agreement by a Change Order shall be executed under all the applicable conditions of this Agreement. No claim for additional compensation or extension of time shall be recognized, unless contained in a written Change Order duly executed on behalf of County and Consultant.

C. Authority to Execute Change Order. The County Manager has authority to execute, without further action of the Spalding County Board of Commissioners, any number of Change Orders so long as their total effect does not materially alter the terms of this Agreement or materially increase the Maximum Contract Price, as set forth in Section III(B) below. Any such

Change Orders materially altering the terms of this Agreement, or any Change Order increasing the price by more than twenty-five thousand dollars (\$25,000.00), must be approved by resolution of the Spalding County Board of Commissioners.

III. COMPENSATION AND METHOD OF PAYMENT

A. **Payment Terms.** County agrees to pay Consultant for the Work performed and costs incurred by Consultant upon certification by County that the Work was performed and costs actually incurred in accordance with the Agreement. Compensation for Work performed and, if applicable, reimbursement for costs incurred shall be paid to Consultant upon County's receipt and approval of invoices, setting forth in detail the services performed and costs incurred, along with all supporting documents requested by County to process the invoice. Invoices shall be submitted after completion of each Stage (as listed in Exhibit A), and such invoices shall reflect costs incurred versus costs budgeted. Any material deviations in tests or inspections performed, or times or locations required to complete such tests or inspections, and like deviations from the Work described in this Agreement shall be clearly communicated to County *before charges are incurred* and shall be handled through Change Orders as described in Section II above. County shall pay Consultant within thirty (30) days after approval of the invoice by County staff.

B. **Maximum Contract Price.** The total amount paid under this Agreement as compensation for Work performed and reimbursement for costs incurred shall not, in any case, exceed **EIGHTEEN THOUSAND DOLLARS (\$18,000.00)** (the "Maximum Contract Price"), except as outlined in Section II(C) above, and Consultant represents that this amount is sufficient to perform all of the Work set forth in and contemplated by this Agreement. The majority of the Consultant's fee is anticipated to be covered by the Federal Emergency Management Agency (FEMA) (75%) and the Georgia Emergency Management Agency (GEMA) (12.5%). The County's contributive share, anticipated to be limited to 12.5%, may be made by in-kind contributions.

C. **Reimbursement for Costs.** The Maximum Contract Price set forth in Section III(B) above includes all costs, direct and indirect, needed to perform the Work and complete the Project.

IV. COVENANTS OF CONSULTANT

A. **Expertise of Consultant: Licenses, Certification and Permits.** Consultant accepts the relationship of trust and confidence established between it and County, recognizing that County's intention and purpose in entering into this Agreement is to engage an entity with the requisite capacity, experience, and professional skill and judgment to provide the Work in pursuit of the timely and competent completion of the Work undertaken by Consultant under this Agreement. Consultant shall employ only persons duly qualified in the appropriate area of expertise to perform the Work described in this Agreement.

Consultant covenants and declares that it has obtained all diplomas, certificates, licenses, permits or the like required of Consultant by any and all national, state, regional, county, or local boards,

agencies, commissions, committees or other regulatory bodies in order to perform the Work contracted for under this Agreement. Further, Consultant agrees that it will perform all Work in accordance with the standard of care and quality ordinarily expected of competent professionals and in compliance with all federal, state, and local laws, regulations, codes, ordinances, or orders applicable to the Project, including, but not limited to, any applicable records retention requirements and Georgia's Open Records Act (O.C.G.A. § 50-18-71, *et seq.*). Any additional work or costs incurred as a result of error and/or omission by Consultant as a result of not meeting the applicable standard of care or quality will be provided by Consultant at no additional cost to County. This provision shall survive termination of this Agreement.

B. Budgetary Limitations. Consultant agrees and acknowledges that budgetary limitations are not a justification for breach of sound principles of Consultant's profession and industry. Consultant shall take no calculated risk in the performance of the Work. Specifically, Consultant agrees that, in the event it cannot perform the Work within the budgetary limitations established without disregarding sound principles of Consultant's profession and industry, Consultant will give written notice immediately to County.

C. County's Reliance on the Work. Consultant acknowledges and agrees that County does not undertake to approve or pass upon matters of expertise of Consultant and that, therefore, County bears no responsibility for Consultant's Work performed under this Agreement. Consultant acknowledges and agrees that the acceptance of Work by County is limited to the function of determining whether there has been compliance with what is required to be produced under this Agreement. County will not, and need not, inquire into adequacy, fitness, suitability or correctness of Consultant's performance. Consultant further agrees that no approval of designs, plans, specifications or other work product by any person, body or agency shall relieve Consultant of the responsibility for adequacy, fitness, suitability, and correctness of Consultant's Work under professional and industry standards, or for performing services under this Agreement **in** accordance with sound and accepted professional and industry principles.

D. Consultant's Reliance on Submissions by County. Consultant must have timely information and input from County in order to perform the Work required under this Agreement. Consultant is entitled to rely upon information provided by County, but Consultant shall provide immediate written notice to County if Consultant knows or reasonably should know that any information provided by County is erroneous, inconsistent, or otherwise problematic.

E. Consultant's Representative. ANNA ("KATY") WESTBROOK shall be authorized to act on Consultant's behalf with respect to the Work as Consultant's designated representative, provided that this designation shall not relieve either Party of any written notice requirements set forth elsewhere in this Agreement.

F. Assignment of Agreement. Consultant covenants and agrees not to assign or transfer any interest in, or delegate any duties of this Agreement, without the prior express written consent of County. As to any approved subcontractors, Consultant shall be solely responsible for reimbursing them, and County shall have no obligation to them.

G. Responsibility of Consultant and Indemnification of County. Consultant covenants and agrees to take and assume all responsibility for the Work rendered in connection with this Agreement. Consultant shall bear all losses and damages directly or indirectly resulting to it and/or County on account of the performance or character of the Work rendered pursuant to this Agreement. Consultant shall defend, indemnify and hold harmless County and County's elected and appointed officials, officers, boards, commissions, employees, representatives, consultants, servants, agents, attorneys and volunteers (individually an "Indemnified Party" and collectively "Indemnified Parties") from and against any and all claims, suits, actions, judgments, injuries, damages, losses, costs, expenses and liability of any kind whatsoever, including but not limited to attorney's fees and costs of defense ("Liabilities"), which may arise from or be the result of an alleged willful, negligent or tortious act or omission arising out of the Work, performance of contracted services, or operations by Consultant, any subcontractor, anyone directly or indirectly employed by Consultant or subcontractor or anyone for whose acts or omissions Consultant or subcontractor may be liable, regardless of whether or not the act or omission is caused in part by a party indemnified hereunder; provided that this indemnity obligation shall only apply to the extent Liabilities are caused by or result from the negligence, recklessness, or intentionally wrongful conduct of the Consultant or other persons employed or utilized by the Consultant in the performance of this Agreement. This indemnity obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this provision.

In any and all claims against an Indemnified Party, by any employee of Consultant, its subcontractor, anyone directly or indirectly employed by Consultant or subcontractor or anyone for whose acts Consultant or subcontractor may be liable, the indemnification obligation set forth in this provision shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for Consultant or any subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts. This obligation to indemnify, defend, and hold harmless the Indemnified Party(ies) shall survive expiration or termination of this Agreement, provided that the claims are based upon or arise out of actions or omissions that occurred during the performance of this Agreement.

H. Independent Contractor. Consultant hereby covenants and declares that it is engaged in an independent business and agrees to perform the Work as an independent contractor and not as the agent or employee of County. Nothing in this Agreement shall be construed to make Consultant or any of its employees, servants, or subcontractors, an employee, servant or agent of County for any purpose. Consultant agrees to be solely responsible for its own matters relating to the time and place the Work is performed and the method used to perform such Work; the instrumentalities, tools, supplies and/or materials necessary to complete the Work; hiring of consultants, agents or employees to complete the Work; and the payment of employees, including benefits and compliance with Social Security, withholding and all other regulations governing such matters. Consultant agrees to be solely responsible for its own acts and those of its subordinates, employees, and subcontractors during the life of this Agreement. There shall be no contractual relationship between any subcontractor or supplier and County by virtue of this

Agreement with Consultant. Any provisions of this Agreement that may appear to give County the right to direct Consultant as to the details of the services to be performed by Consultant or to exercise a measure of control over such services will be deemed to mean that Consultant shall follow the directions of County with regard to the results of such services only. It is further understood that this Agreement is not exclusive, and County may hire additional entities to perform the Work related to this Agreement.

Inasmuch as County and Consultant are independent of each other, neither has the authority to bind the other to any third person or otherwise to act in any way as the representative of the other, unless otherwise expressly agreed to in writing signed by both Parties hereto. Consultant agrees not to represent itself as County's agent for any purpose to any party or to allow any employee of Consultant to do so, unless specifically authorized, in advance and in writing, to do so, and then only for the limited purpose stated in such authorization. Consultant shall assume full liability for any contracts or agreements Consultant enters into on behalf of County without the express knowledge and prior written consent of County.

I. Insurance. Consultant shall have and maintain in full force and effect for the duration of this Agreement, appropriate and reasonable levels of insurance insuring against claims for professional liability, worker's compensation (if applicable as required by state law), injuries to persons or damages to property which may arise from or in connection with the performance of the Work by Consultant, its agents, representatives, employees or subcontractors.

J. Employment of Unauthorized Aliens Prohibited-E-Verify Affidavit. Pursuant to O.C.G.A. § 13-10-91, County shall not enter into a contract for the physical performance of services unless Consultant shall provide evidence on County-provided forms that it has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91, and that Consultant will continue to use the federal work authorization program throughout the contract period.

In accordance with O.C.G.A. § 13-10-91(b)(5), in lieu of the affidavit required above, Consultant, who has no employees and does not hire or intend to hire employees for purposes of satisfying or completing the terms and conditions of any part or all of this Agreement, shall instead provide a copy of Anna Westbrook's state-issued driver's license.

The above requirements shall be in addition to the requirements of state and federal law and shall be construed to be in conformity with those laws.

K. Records, Reports and Audits.

- (1) Records: Books, records, documents, account ledgers, data bases, and similar materials relating to the Work performed for County under this Agreement ("Records") shall be established and maintained by Consultant in accordance with applicable law and requirements prescribed by County with respect to all matters covered by this Agreement. Except as otherwise

authorized or required, such Records shall be maintained for at least three years from the date that final payment is made to Consultant by County under this Agreement.

- (2) Furthermore, Records that are the subject of audit findings shall be retained for three (3) years or until such audit findings have been resolved, whichever is later.
- (3) Reports and Information: Upon request, Consultant shall furnish to County any and all Records in the form requested by County. All Records provided electronically must be in a format compatible with County's computer systems and software.

L. Ethics Code; Conflict of Interest. Consultant agrees that it shall not engage in any activity or conduct that would result in a violation of the Spalding County Code of Ethics or any other similar law or regulation. Consultant certifies that to the best of its knowledge no circumstances exist which will cause a conflict of interest in performing the Work. Should Consultant become aware of any circumstances that may cause a conflict of interest during the Term of this Agreement, Consultant shall immediately notify County. If County determines that a conflict of interest exists, County may require that Consultant take action to remedy the conflict of interest or terminate the Agreement without liability. County shall have the right to recover any fees paid for services rendered by Consultant when such services were performed while a conflict of interest existed if Consultant had knowledge of the conflict of interest and did not notify County within five (5) business days of becoming aware of the existence of the conflict of interest.

M. Confidentiality. Consultant acknowledges that it may receive confidential information of County and that it will protect the confidentiality of any such confidential information and will require any of its subcontractors, consultants, and/or staff to likewise protect such confidential information. Consultant agrees that confidential information it learns or receives or such reports, information, opinions or conclusions that Consultant creates under this Agreement shall not be made available to, or discussed with, any individual or organization, including the news media, without prior written approval of County. Consultant shall exercise reasonable precautions to prevent the unauthorized disclosure and use of County information whether specifically deemed confidential or not.

Consultant acknowledges that County's disclosure of documentation is governed by Georgia's Open Records Act, and Consultant further acknowledges that if Consultant submits records containing trade secret information, and if Consultant wishes to keep such records confidential, Consultant must submit and attach to such records an affidavit affirmatively declaring that specific information in the records constitutes trade secrets pursuant to Article 27 of Chapter 1 of Title 10, and the Parties shall follow the requirements of O.C.G.A. § 50-18-72(a)(34) related thereto.

N. Meetings. Consultant is required to meet with County's personnel, or designated representatives, to resolve technical or contractual problems that may occur during the Term of this Agreement at no additional cost to County. Meetings will occur as problems arise and will be

coordinated by County. County shall inform Consultant's Representative of the need for a meeting and of the date, time and location of the meeting at least three (3) full business days prior to the date of the meeting. Face-to-face meetings are desired. However, at Consultant's option and expense, a conference call meeting may be substituted. Consistent failure to participate in problem resolution meetings, two consecutive missed or rescheduled meetings, or failure to make a good faith effort to resolve problems, may result in termination of this Agreement for cause.

0. Authority to Contract. The individual executing this Agreement on behalf of Consultant covenants and declares that it has obtained all necessary approvals of Consultant's board of directors, stockholders, general partners, limited partners or similar authorities to simultaneously execute and bind Consultant to the terms of this Agreement, if applicable.

P. Ownership of Work. All reports, designs, drawings, plans, specifications, schedules, work product and other materials, including, but not limited to, those in electronic form, prepared or in the process of being prepared for the Work to be performed by Consultant ("Materials") shall be the property of County, and County shall be entitled to full access and copies of all Materials in the form prescribed by County. Any Materials remaining in the hands of

Consultant or subcontractor upon completion or termination of the Work shall be delivered immediately to County whether or not the Project or Work is commenced or completed; provided, however, that Consultant may retain a copy of any deliverables for its records. Consultant assumes all risk of loss, damage or destruction of or to Materials. If any Materials are lost, damaged or destroyed before final delivery to County, Consultant shall replace them at its own expense. Any and all copyrightable subject matter in all Materials is hereby assigned to County, and Consultant agrees to execute any additional documents that may be necessary to evidence such assignment.

Q. Nondiscrimination. In accordance with Title VI of the Civil Rights Act of 1964, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and all other provisions of Federal law, Consultant agrees that, during performance of this Agreement, Consultant, for itself, its assignees and successors in interest, will not discriminate against any employee or applicant for employment, any subcontractor, or any supplier because of race, color, creed, national origin, gender, age or disability. In addition, Consultant agrees to comply with all applicable implementing regulations and shall include the provisions of this paragraph in every subcontract for services contemplated under this Agreement.

V. COVENANTS OF COUNTY

A. County's Representative. Chief Glen Polk, Director of Spalding County Homeland Security and Emergency Management shall be authorized to act on County's behalf with respect to the Work as county's designated representative on this Project; provided that any changes to the Work or the terms of this Agreement must be approved as provided in Section II above.

VI. TERMINATION

A. For Convenience. County may terminate this Agreement for convenience at any

time upon providing written notice thereof at least seven (7) calendar days in advance of the termination date.

B. For Cause. Consultant shall have no right to terminate this Agreement prior to completion of the Work, except in the event of County's failure to pay Consultant within thirty (30) calendar days of Consultant providing County with notice of a delinquent payment and an opportunity to cure. In the event of Consultant's breach or default under this Agreement, County may terminate this Agreement for cause. County shall give Consultant at least seven (7) calendar days' written notice of its intent to terminate the Agreement for cause and the reasons therefor. If Consultant fails to cure the breach or default within that seven (7) day period, or otherwise remedy the breach or default to the reasonable satisfaction of County, then County may, at its election: (a) in writing terminate the Agreement in whole or in part; (b) cure such default itself and charge Consultant for the costs of curing the default against any sums due or which become due to Consultant under this Agreement; and/or (c) pursue any other remedy then available, at law or in equity, to County for such default.

C. Statutory Termination. This Agreement shall terminate immediately and absolutely at such time as appropriated or otherwise unobligated funds are no longer available to satisfy the obligation of County.

D. Payment Upon Termination. Upon termination, County shall provide for payment to Consultant for services rendered and, where authorized, expenses incurred prior to the termination date; provided that, where this Agreement is terminated for cause, County may deduct from such payment any portion of the cost for County to complete (or hire someone to complete) the Work, as determined at the time of termination, not otherwise covered by the remaining unpaid Maximum Contract Price.

E. Conversion to Termination for Convenience. If County terminates this Agreement for cause and it is later determined that County did not have grounds to do so, the termination will be converted to and treated as a termination for convenience under the terms of Section VI(A) above.

F. Requirements Upon Termination. Upon termination, Consultant shall: (1) promptly discontinue all services, cancel as many outstanding obligations as possible, and not incur any new obligations, unless the County directs otherwise; and (2) promptly deliver to County all data, drawings, reports, summaries, and such other information and materials as may have been generated or used by Consultant in performing this Agreement, whether completed or in process, in the form specified by County.

G. Reservation of Rights and Remedies. The rights and remedies of County and Consultant provided in this Article are in addition to any other rights and remedies provided under this Agreement or at law or in equity.

VII. MISCELLANEOUS

A. **Entire Agreement.** This Agreement, including any exhibits hereto, constitutes the complete agreement between the Parties and supersedes any and all other agreements, either oral or in writing, between the Parties with respect to the subject matter of this Agreement. No other agreement, statement or promise relating to the subject matter of this Agreement not contained in this Agreement shall be valid or binding. This Agreement may be modified or amended only by a written Change Order (as provided in Section II above) or other document signed by representatives of both Parties with appropriate authorization.

B. **Successors and Assigns.** Subject to the provision of this Agreement regarding assignment, this Agreement shall be binding on the heirs, executors, administrators, successors and assigns of the respective Parties.

C. **Governing Law.** This Agreement shall be governed by and construed in accordance with the laws of the State of Georgia without regard to choice of law principles. If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement, the rules, regulations, statutes and laws of the State of Georgia will control. Any action or suit related to this Agreement shall be brought in the Superior Court of Spalding County, Georgia, or the U.S. District Court for the Northern District of Georgia - Gainesville Division, and Consultant submits to the jurisdiction and venue of such court.

D. **Captions and Severability.** All headings herein are intended for convenience and ease of reference purposes only and in no way define, limit or describe the scope or intent thereof, or of this Agreement, or in any way affect this Agreement. Should any article(s) or section(s) of this Agreement, or any part thereof, later be deemed illegal, invalid or unenforceable by a court of competent jurisdiction, the offending portion of the Agreement should be severed, and the remainder of this Agreement shall remain in full force and effect to the extent possible as if this Agreement had been executed with the invalid portion hereof eliminated, it being the intention of the Parties that they would have executed the remaining portion of this Agreement without including any such part, parts, or portions that may for any reason be hereafter declared in valid.

E. **Business License.** Prior to commencement of the Work to be provided hereunder, Consultant shall apply to County for a business license, pay the applicable business license fee, and maintain said business license during the Term of this Agreement, unless Consultant provides evidence that no such license is required.

F. **Notices.**

(1) **Communications Relating to Day-to-Day Activities.** All communications relating to the day-to-day activities of the Work shall be exchanged between County's Representative (named above) for County and Consultant's Representative (named above) for Consultant.

(2) **Official Notices.** All other notices, requests, demands, writings, or correspondence, as required by this Agreement, shall be in writing and shall be

deemed received, and shall be effective, when: (1) personally delivered, or (2) on the third day after the postmark date when mailed by certified mail, postage prepaid, return receipt requested, or (3) upon actual delivery when sent via national overnight commercial carrier to the Party at the address given below, or at a substitute address previously furnished to the other Party by written notice in accordance herewith.

NOTICE TO COUNTY shall be sent to:

County Manager
Spalding County, Georgia
119 East Solomon Street
Griffin, Georgia 30223

NOTICE TO CONSULTANT shall be sent to:

Lux Mitigation and Planning Corp.
Attn: Anna "Katy" Westbrook
P.O. Box 113
Shady Dale, Georgia 31085

G. Waiver of Agreement. No failure by County to enforce any right or power granted under this Agreement, or to insist upon strict compliance by Consultant with this Agreement, and no custom or practice of County at variance with the terms and conditions of this Agreement shall constitute a general waiver of any future breach or default or affect County's right to demand exact and strict compliance by Consultant with the terms and conditions of this Agreement. Further, no express waiver shall affect any Term or condition other than the one specified in such waiver, and that one only for the time and manner specifically stated.

H. Survival. All sections of this Agreement which by their nature should survive termination will survive termination, including, without limitation, confidentiality obligations and insurance maintenance requirements.

I. No Third-Party Rights. This Agreement shall be exclusively for the benefit of the Parties and shall not provide any third parties with any remedy, claim, liability, reimbursement, cause of action or other right.

J. Sovereign Immunity; Ratification. Nothing contained in this Agreement shall be construed to be a waiver of County's sovereign immunity or any individual's qualified, good faith or official immunities. Ratification of this Agreement by a majority of the Board of Commissioners shall authorize the Chairman to execute this Agreement on behalf of County.

K. No Personal Liability. Nothing herein shall be construed as creating any individual or personal liability on the part of any of County's elected or appointed officials, officers, boards, commissions, employees, representatives, consultants, servants, agents, attorneys

or volunteers. No such individual shall be personally liable to Consultant or any successor in interest in the event of any default or breach by County or for any amount which may become due to Consultant or successor or on any obligation under the terms of this Agreement. Likewise, Consultant's performance of services under this Agreement shall not subject Consultant's individual employees, officers, or directors to any personal contractual liability, except where Consultant is a sole proprietor. The Parties agree that, except where Consultant is a sole proprietor, their sole and exclusive remedy, claim, demand or suit for contractual liability shall be directed and/or asserted only against Consultant or County, respectively, and not against any elected or appointed official, officers, boards, commissions, employees, representatives, consultants, servants, agents, attorneys and volunteers.

L. Counterparts; Agreement Construction and Interpretation. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same instrument. Consultant represents that it has reviewed and become familiar with this Agreement. In the event of a conflict in the terms of this Agreement and/or the exhibits attached hereto, the terms most beneficial to County shall govern. The Parties hereto agree that, if an ambiguity or question of intent or interpretation arises, this Agreement is to be construed as if the Parties had drafted it jointly, as opposed to being construed against a Party because it was responsible for drafting one or more provisions of the agreement. In the interest of brevity, the Agreement may omit modifying words such as "all" and "any" and articles such as "the" and "an," but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement. Words or terms used as nouns in the Agreement shall be inclusive of their singular and plural forms, unless the context of their usage clearly requires contrary meaning.

M. Force Majeure. Neither County nor Consultant shall be liable for its respective non-negligent or non-willful failure to perform or shall be deemed in default with respect to the failure to perform (or cure a failure to perform) any of its respective duties or obligations under this Agreement or for any delay in such performance due to: (i) any cause beyond its respective reasonable control; (ii) any act of God; (iii) any change in applicable governmental rules or regulations rendering the performance of any portion of this Agreement legally impossible; (iv) earthquake, fire, explosion or flood; (v) strike or labor dispute, excluding strikes or labor disputes by employees and/or agents of Consultant; (vi) delay or failure to act by any governmental or military authority; or (vii) any war, hostility, embargo, sabotage, civil disturbance, riot, insurrection or invasion. In such event, the time for performance shall be extended by an amount of time equal to the period of delay caused by such acts, and all other obligations shall remain intact.

N. Material Condition. Each term of this Agreement is material, and Consultant's breach of any term of this Agreement shall be considered a material breach of the entire Agreement and shall be grounds for termination or exercise of any other remedies available to County at law or in equity.

IN WITNESS WHEREOF County and Consultant have executed this Agreement, effective as of the Effective Date first above written.

COUNTY:

SPALDING COUNTY, GEORGIA

By: _____
William Wilson, County Manager

CONSULTANT:
LUX MITIGATION AND PLANNING
CORP., a Georgia corporation

Attest:

By: _____
County Clerk

By: _____
Anna "Katy" Westbrook, CEO

4. Consider approval of revised FY2020 Budget and Carryover Funds for CSBG Grant with Georgia Department of Human Services.

Mr. Wilson stated that we have this adjustment to the budget every year and this year the carryover amount increases our budget by \$37,703 which is will be split between the educational program with Salvation Army Administrative Cost, the Senior Center Nutrition Program and the Youth Backpack Program. This carryover will provide additional funding for these projects. Ms. Brantley is here should the Board have any questions.

Motion/Second by Dutton/Miller to approve the revised FY2020 Budget and Carryover Funds for CSBG Grant with Georgia Department of Human Services. Motion carried unanimously by all.

5. Consider approval of an agreement with Three Rivers Regional Commission for the Operation of the Spalding County Section 5311 Public Transportation Program.

Mr. Wilson stated that there were some problems with the previous 5311 Contractor and a problem with GDOT and they thought that they may not be able to continue that program, so we signed an extension through December 31, 2019. When we were reviewing our contracts, we found that we did not have a current contract. Three Rivers has been able to get a new contractor, and everything is back on-line and working well. This contract will take us from January 1 through June 30, 2020.

Motion/Second by Johnson/Dutton to approve an agreement with Three Rivers Regional Commission for the Operation of the Spalding County Section 5311 Public Transportation Program thru June 30, 2020. Motion carried unanimously by all.

**SECTION 5311 PUBLIC TRANSPORTATION
SERVICE AGREEMENT**

**FOR OPERATION OF
THREE RIVERS REGIONAL TRANSIT SYSTEM**

**BETWEEN THE
BOARD OF COMMISSIONERS OF SPALDING COUNTY
AND
THREE RIVERS REGIONAL COMMISSION**

PREAMBLE

This Agreement is made and entered into this 2nd day of March, 2020 by and between the

Board of Commissioners of SPALDING County hereinafter referred to collectively as the “COUNTY”; and THREE RIVERS REGIONAL COMMISSION, hereinafter referred to as “TRRC”; and shall terminate on the 30th day of June, 2020 unless terminated earlier under other provisions of this agreement.

WHEREAS, the Georgia Department of Transportation (GDOT) in cooperation with the Three Rivers Regional Commission has agreed to participate in the formation of a Regional 5311 Public Transportation System; and

WHEREAS, SPALDING County has agreed to participate in this regional transportation system administered by the Three Rivers Regional Commission; and

NOW, THEREFORE, the parties agree as follows:

ARTICLE I

TERM OF AGREEMENT TERMINATION PROVISIONS AND ATTACHED DOCUMENTS

1. **Engagement**: The TRRC is retained and engaged by the counties for the purpose of operating a 49 U.S.C. 5311 public transportation program.
2. **Term of Agreement**: The term of Agreement shall be from January 1, 2020 through June 30, 2020.
3. **Termination of Agreement**: The COUNTY or TRRC reserves the right to terminate this Agreement for just cause upon 60 (sixty) days written notice to the other party.
4. **Attachments**:

- a. Attachment A: Georgia Security and Immigration Compliance Act of 2006

ARTICLE II

SCOPE OF WORK COUNTY RESPONSIBILITIES

1. The COUNTY will appropriate funds to operate the Section 5311 Rural Public Transportation Program for the stated contract year.
2. The COUNTY shall procure an Automobile Liability Insurance Policy for all DOT assigned vehicles including personal and advertising liability (or Comprehensive General Liability Policy with endorsement to insure contractual liability, broad from property damage, personal injury, personal and advertising liability), and other insurance policies. The insurance certificates must include the Three Rivers Regional Commission and the Third Party Operator, Transitions Commute Solutions, listed as additional insured parties. The County Procured Automobile Insurance must meet the below qualifications or their equivalency:
 - a. \$1,000,000 per occurrence (Each Occurrence Limit – indicates the amount of coverage the contractor has under a liability policy for any one occurrence other than Personal & Advertising injury occurrences.)
 - b. \$3,000,000 aggregate (Aggregate Limit – indicates the amount of coverage (for other than Products/Completed Operations Liability occurrences) the contractor has under a liability policy for the policy period; no matter how many separate losses that may occur.)
3. Provide one or more vehicles for use by the TRRC and its Third Party Operator(TPO) for use in the regional public transit program.

TRRC RESPONSIBILITIES

1. The TRRC will manage the day-to-day operation of the Regional 5311 Public Transportation program. The TRRC will retain and monitor a third party operator for compliance with local, state, and federal regulations.
2. The TRRC will manage the financial reporting and statistical analysis for the program, and request the appropriated funds from each participating COUNTY no more than monthly and no less than once a year.

ADDITIONAL RESPONSIBILITIES

1. The TRRC and the third party operator shall defend all lawsuits, not related to insurance claims, brought upon the FTA Section 5311 regional public transportation program (commonly known as the Three Rivers Regional Transit System), or any claim related to the aforementioned public transportation program. The TRRC agrees to pay in full all costs and expenses incidental thereto; however, a COUNTY may have the right, at its own expense, to participate in the defense of any suit, without relieving TRRC of any obligation.
2. All wages, salaries, fringe benefits, other employee costs, services, fuels, lubricants, parts, materials, taxes and the expenses required for the performance of this contract shall be supplied and paid for by the third party operator retained by the TRRC. Payment from the COUNTY to the TRRC for all expenses incurred in fulfilling the intent of this contract shall be the fund amount listed in Article IV.
3. TRRC shall operate the FTA Section 5311 Regional Public Transportation program services in accordance with the guidelines and policies set by GDOT. TRRC further agrees to maintain appropriate books, records, documents, papers, and other evidence pertaining to public transportation operations for the period of this Agreement and for three years beyond the period of this Agreement and to make such materials available for inspection, upon request by the Authorized Representative or his designee, any COUNTY, and the GDOT or their representatives.
4. Service expansions or improvements may be recommended by TRRC to the participating COUNTY. It is agreed that the TRRC must have approval and additional funds (if applicable) from the COUNTY before implementation of expansions or improvements.

ARTICLE III

SCOPE OF SERVICES SERVICES TO BE OFFERED

Services to be offered under this Agreement will be based on response to specific requests (hereinafter "demand response transportation"), within the following parameters:

1. This service (demand response transportation) will be offered only under the terms of this agreement.
2. Demand response service constitutes service with at least 24-hour advance notice. Any advance notice less than 24-hours should be worked into the regular schedule when feasible. Demand response service is either subscription service (prearranged to meet the repetitive travel needs of riders) or random service (scheduled sporadically by riders).
3. Service is available to passengers a minimum of 8 (eight) hours a day, Monday through Friday.
4. Passenger constitutes any resident of Butts, Lamar, Meriwether, Pike, Spalding, and Upson COUNTIES, and a passenger trip constitutes transporting one passenger one-way between two locations.

REVENUE AND EXPENSE REPORTING AND INVOICING

Fare Box Revenue: There is a fare box structure established for the transit system. The fare amount is between \$2.00 and \$2.50 per one-way passenger trip. The fare structure shall remain in force until the TRRC has sufficient data to justify a change.

ACCIDENT REPORTING

A written report must be filed with the TRRC by the TPO within 24 hours after an accident. This accident report shall describe the nature of the accident, the findings as to cause, personal injury sustained, property damage and information, and if a drug and alcohol test was administered. The TRRC will notify the COUNTY so that an insurance claim can be prepared, and an accident

report will be forwarded to the COUNTY **within 3 business days upon receipt from the TPO.**

FEDERAL COMPLIANCE

The COUNTY and TRRC must agree as a condition of participating in the Section 5311 Rural Transportation Program, that:

1. No persons shall on the grounds of race, color, religion, creed, national origin, sex, age, or handicap be excluded from participation in, or denied the benefits of, or be subject to discrimination under any project, program, or activity for which this recipient receives federal financial assistance from the Federal Transit Act;
2. TRRC or its third party operator shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin, and shall take affirmative action to insure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, or national origin;
3. TRRC or its third party operator will conduct any program or operate any facility that receives or benefits from federal financial assistance administered by the Department of Transportation in compliance with all requirements imposed by or pursuant to 49 CFR, Part 27, Non-discrimination on the Basis of Handicap in Federally Assisted Programs and Activities received or benefiting from Federal Financial Assistance.

ARTICLE IV

COMPENSATION

Operating & Program Administration: \$6,650

The COUNTY's maximum obligation to the TRRC shall not exceed \$6,650 (Six thousand, six hundred and fifty dollars) for transit operating and program administration services rendered between July 1, 2019 and June 30, 2020. Compensation will be requested no more than monthly and no less than once a year.

**On behalf of the Board of Commissioners
of SPALDING COUNTY**

Board of Commissioners

ATTEST:

Clerk, Board of Commissioners of
SPALDING COUNTY

Three Rivers Regional Commission

Kirk R. Fjelstul, Executive Director

Witness

Jim Thornton, TRRC Chairman

Notary Public (Seal)

TERMS OF USAGE

An Attachment to the Service Agreement Between
THE BOARD OF COMMISSIONERS OF SPALDING COUNTY
AND
THREE RIVERS REGIONAL COMMISSION

WHEREAS, the Boards of Commissioners for the aforementioned COUNTY have indicated a desire to contract with THREE RIVERS REGIONAL COMMISSION to provide public transportation services within their county area, located in the Three Rivers region; and

WHEREAS, the aforementioned COUNTY has supplied at least one vehicle for operation

of a public transportation system in the Three Rivers region.

THEREFORE, the parties agree to the following, as an Attachment to their Service Agreement as referenced above:

1. THREE RIVERS REGIONAL COMMISSION will have the right to operate and manage vehicles placed by the above named COUNTY into the Three Rivers Regional Transit System, an FTA Section 5311 program.
2. THREE RIVERS REGIONAL COMMISSION will follow all state and federal laws regarding the safe operation of any vehicle placed in the Three Rivers Regional Transit System.
3. THREE RIVERS REGIONAL COMMISSION recognizes that program vehicles are the property of the respective COUNTY and will treat said property with proper care and attention. Nothing in the "Terms of Usage" shall constrain the COUNTY from its rights of ownership and supervision over respective program vehicles.
4. THREE RIVERS REGIONAL COMMISSION acknowledges the following: Should the COUNTY withdraw from the main Service Agreement, program vehicle(s) must be returned to the county.

This "Terms of Usage" agreement is effective only upon execution of the main agreement between the COUNTIES and THREE RIVERS REGIONAL COMMISSION. Termination of the main agreement automatically eliminates any claim the TRRC may have pertaining to rights of operation for said program vehicles.

6. Consider request from the City of Griffin to participate in a Joint Workshop on Tuesday, March 10, 2020 at 10:00 a.m. to discuss Service Delivery Strategy issues.

Mr. Wilson stated that before we had received this request from the City, staff had sent the Board an email letting you know what services had been agreed to and the seven that staff was unable to come to an agreement on with staff from the City of Griffin. We had hoped to meet with the Board on March 16th or April 6th. We had no idea that the City of Griffin would be sending a request to meet on March 10th. We did clarify with Kenny Smith at the City of Griffin, that he has not discussed SDS with his Board any more than giving a memo like we have done. So, it will be the first opportunity for both Boards to talk about SDS.

However, if you listen to the City of Griffin's meeting and you read the Griffin Daily News, this meeting will probably center around Parks and Recreation Service Delivery Strategy more than anything else and will actually involve location of the Aquatic Center, pools and things of that nature and we may or may not get to the other six things that we disagree on.

Mr. Wilson the advised that the Board may be asked at this meeting to take over services that we currently do not offer and he simply wants to remind the Board that the cost of these services are high and it is not something to be considered lightly and not something to be considered at a work session that was called by the City of Griffin. We need to do extensive research on what may or may not be offered at that meeting.

Consensus of the Board is to participate in the in a Joint Workshop on Tuesday, March 10th beginning at 10:00 a.m. to discuss Service Delivery Strategy Issues.

7. Consider approval of the addition of Veteran's Day to the County Holiday Schedule as requested by Commissioner James Dutton.

Commissioner Dutton stated that when heard that Veteran's Day was not an official Holiday in Spalding County he couldn't believe. It is obvious that Veteran's Day should be a holiday for the employees. The idea that we are sitting here in a free country exercising rights in a democracy is because of veterans and at the very least we should honor that with this day.

Motion/Second by Dutton/Johnson to approve Veteran's Day as an additional holiday for Spalding County Employees. Motion carried unanimously by all.

XII. REPORT OF COUNTY MANAGER

- ✓ A joint meeting of the Water Authority and the Board of Commissioners, Chad and Newton Galloway to review the FLUM, Comp Plan and discuss future economic development in the County. The Water Authority suggested March 18th from 9:00 a.m. until 12:00 p.m.
- ✓ Marie Broder will be sworn in as the District Attorney on Thursday, March 5th at 3:00 p.m. on the 4th Floor of the Spalding County Courthouse.
- ✓ Early Voting started today. Remember that it is now at the Athletic Hall of Fame from March 2 – 20. The location will be open on weekdays from 8:00 a.m. to 5:00 p.m. and will be open on Saturday, March 14th.
- ✓ SPLOST Collections for January 2020 were \$781,767.04 which is a 4% increase over 2019. Average monthly collections for the 46 months have been \$764,926.57.
- ✓ New Single-Family Dwelling Information – January there were 21 permits with an average of 2,850 square feet and in February there were 23 permits with an average of 3,369 square feet.
- ✓ Intersection #3 Update – We have been sending the Board updated pictures of this intersection. If we can ever get the rain to stop, we will try to get more curb and gutter in. They have been doing a great job in maintaining the soil and controlling the erosion. This was one of the projects on the 2008 SPLOST. Intersections #1, 2 and 3 were all part of our north side revitalization and this is the last of that. We did receive a GTIB grant for \$856,000 of the \$1.6 million construction.
- ✓ City of Griffin Fire Chief Tommy Jones is retiring, and he will be having a reception in the Historic City Hall on March 13th from 2:00-4:00 p.m.
- ✓ BMX Usage at the Skate Park. We have received the initial response and guidelines from our insurance carrier today. We will review that information and have a formal recommendation at the March 16th meeting.
- ✓ Tomorrow bids are due for the Bar Screen that will help us with the problem at the CI and the Sheriff's Office with garbage getting into the sewer system.
- ✓ Other news from the CI, there is a 1000-gallon pressurized hot water storage tank that is now 20 years old and is leaking. The water is 200 degrees and is pressurized. It has two boilers that generate the hot water. We are going to have to replace the system and are looking at a Rinnai solution with a bank of tankless hot water heaters that can replace all of this and utilize budget funds for that.

XIII. REPORT OF ASSISTANT COUNTY MANAGER

- Informational Brochures are rolling out for the Collection Centers: "Keeping Spalding Sparkling Clean."

She visited two Collection Centers last week, looking at the signage and how the Collection Centers looked and get an idea of their current state because the goal is for all of the Collection Centers to have a consistent look. To have the same kind of signage so it is easy to navigate through the sites. This will continue this week and she will be visiting three more Collection Centers.

We are also getting the Press Releases out as we are moving the Strategic Steps forward toward the implementation of the May 4th Collection Center changes.

- Animal Shelter Meeting – The kick-off meeting was held on February 5th and a follow-up progress meeting was held on February 21st. We are working on all the updates and are hoping to bring something to the Board by the April 6th meeting.
- Heritage Park – We met with Historic Preservation regarding the Places In

Peril designation. Ben Sutton the Director of Historic Preservation came out as well as Dennis Lavello who is the Historic Properties Coordinator. Attendance was mainly staff, but we also had a really good turn-out in addition to staff Virginia Church from the Land Bank Authority, Daa'ood Amin from GSBTA and Ms. Jewell Walker-Harps were also in attendance.

The Georgia Historic Preservation Representatives took lots of pictures and looked at the whole site and will be send more information to us.

- The Fire Department has been very active in the schools in the County. This week they have personnel presenting as part of the Reading Across America Program. They also participated in Career Day at Kennedy Road School.

The Fire Department also met with Henry County Fire and Butts County regarding mutual aid.

EMA has been busy as well, they hosted a Pandemic Planning Meeting for the Plan update process.

Hosted Community Partners for the creation of an Animals In Disaster Plan and completed the process for certification renewal for IPAWS capability with Civic Ready.

- Thursday, March 5th at 10:30 a.m. there will be a ribbon cutting for Sumika Polymers North America, LLC here in Spalding County at the Hudson Industrial Park.
- April 1st is the kick-off day for Census 2020. She passed out an informational post card that contains information on the Census and what the Census is for. This is the first time that U.S. Census Bureau will accept responses online. Also, in the past when they didn't get responses from people, they would visit their homes up to 15 times, this year will be a maximum of 3 times. She wants to remind everyone that your response matters, everyone counts.

XIV. REPORT OF COMMISSIONERS

Bart Miller – He just wanted to repeat from the other meetings. We are not getting much done on the dirt roads because of all the rain. He talked with Mr. Wilson already and he feels that instead of people working at the Dog Park they should be out there cleaning ditches out where the driveway pipes are clogged and all that water is coming back up on the dirt road and once it stops raining they need to get out and really start doing some work. We have to have ditches dug out and everything else.

Rita Johnson – Wanted to say thank you and congratulations to Ms. Vera McIntosh for volunteering as our new GSBTA Representative for Sun City.

She also wanted to commend the folks who came out this evening to participate in the Public Hearing. She would like to see more of it in future Public Hearings, this is the time when we are allowing you to pass along information to us on how you feel.

She stated that she hates to see Chad Jacobs go, he will be going over to the City of Griffin. We are looking forward to have someone else come in to replace Chad, but he is going to be a tough one to replace.

James Dutton – He stated that the rain has been nice, but whoever has been praying for rain, if you could save that until we get into another drought, it would be appreciated.

He then stated that he harps all the time for folks to please come to these meetings there is so much stuff on Facebook and other social media that is misinformation. Why don't you come to the meetings, you will see that the "sky is not falling" this is a great community, no one is out to get you and it is fantastic that we had so many people come out this evening. He stated that he wishes this was the standard attendance at every meeting. Your presence and your voice matters.

He is looking forward to the meeting with the City of Griffin. We discussed at our Board Retreat some asks that we have for the City as well and he feels if the City is amenable to that the meeting will go much smoother than it otherwise would.

Heritage Park is a big deal project, he is glad that historical folks are looking at it as it may give us more grant money. We discussed it at both the Archway Retreat and at our Board Retreat and we are very close to that unexpected number that we received from the engineers and hopefully we can get all of that done and turn it into the facility that it needs to be for the community.

We have talked about raising the bar on building requirements for Spalding County, the actual building code. He wants for this initiative to continue, the citizens of Spalding County deserve this, the people who are going to move to Spalding County deserve to have quality housing instead of poor quality housing that has been allowed to be built in the past. He would like some language from staff on some building code changes, even if it is one at a time. Whatever little change that can be done to upgrade the building standards in Spalding County.

He stated that there hasn't been a Board of Health meeting since the Coronavirus started making the news, but he wanted to assure everyone that the Spalding County Board of Health is aware and proactively working on viruses and bacteria that are threats to the County. There is nothing that we need to be wary of, our Board of Health is conscious of this and as prepared as we possibly can be.

Gwen Flowers-Taylor – She wanted to segue onto what Commissioner Dutton stated regarding raising the bar with regard to commercial and residential building in Spalding County. She wishes that she had said this before so many had left the meeting this evening. HB937 is legislation that has been introduced by the Georgia House that will take away the power of the local City and County Boards to determine what kind of quality we want people to use when building house in Spalding County.

The legislation states that whatever the State deems as the minimum is what we should all follow and we all know from living in a small rural community that sometimes when developers come here, they simply want to put up numbers, they want to put up the cheapest material and you don't want to move into a subdivision that looks like that. We don't want that kind of development, so she is asking that everyone call their representatives: Representative Knight, Representative Mathiak and Senator Harbin and let them know that Cities and Counties need to determine what kind of construction we want to see in our community. She added that we need the citizens in the County to let the representatives know that we don't feel it is proper for the State to tell us what we have to have in our community.

She stated that she understands the lady here this evening who talked about Big Blue. After riding on Big Blue from the Archways Retreat at Calloway Gardens, she almost froze to death. So, she gets it. If you are older and have to ride on a bus that is not properly heated or cooled, that is not good. She hopes that we are able to look at our budget this year to see what, if anything, we can do.

She talked with Mr. Wilson and Ms. Irizarry earlier this year about the need for an Assistant Planner. This is a position that went away during the recession and it is ironic that we have just decided that we are going to look at hiring an Assistant Planner and now our Community Development Director is departing.

She added that in Mr. Jacobs tenure he has pulled together a group up there that know what to do when he's not there. She doesn't feel things are going to fall apart, but this is a position that we need to have filled.

Mr. Wilson stated that Mr. Jacobs, he and Ms. Irizarry will be meeting this week to determine job duties in the interim. We have a sentence in all of our job descriptions that states "Other duties as may be assigned," so we may be spending a little bit more time upstairs. We are going to split the duties between the two of us and Brett Hanes with Charles Abbott and Associates. We are relying on Newton Galloway as well, but we are actively recruiting for that vacant position.

XV. CLOSED SESSION – None.

XVI. ADJOURNMENT

Motion/Second by Johnson/Miller to adjourn the meeting at 7:40 p.m. Motion carried unanimously by all.

/s/ _____ /s/ _____
Gwen Flowers-Taylor, Chairperson William P. Wilson, Jr., Clerk



SPALDING COUNTY BOARD OF COMMISSIONERS Noresco Contract Approval

Requesting Agency

County Manager

Requested Action

Consider authorizing Chairman to execute agreements necessary to move forward with renovations to County buildings to be funded with savings from utility billings.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION**ATTACHMENTS:**

Description	Upload Date	Type
<input type="checkbox"/> R2020-007 Resolution	3/12/2020	Resolution
<input type="checkbox"/> Bank Of America Finance Proposal	3/12/2020	Resolution

EXHIBIT C-1A

AUTHORIZING RESOLUTION FOR AGREEMENT AND LEASE

A RESOLUTION OF THE GOVERNING BODY OF SPALDING COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF GEORGIA, AUTHORIZING THE EXECUTION AND DELIVERY OF A MASTER EQUIPMENT LEASE/PURCHASE AGREEMENT AND SEPARATE EQUIPMENT SCHEDULES THERETO WITH RESPECT TO THE ACQUISITION, FINANCING AND LEASING OF CERTAIN EQUIPMENT FOR THE PUBLIC BENEFIT WITHIN THE TERMS PROVIDED HEREIN; AUTHORIZING THE EXECUTION AND DELIVERY OF DOCUMENTS REQUIRED IN CONNECTION THEREWITH; AND AUTHORIZING THE TAKING OF ALL OTHER ACTIONS NECESSARY TO THE CONSUMMATION OF THE TRANSACTIONS CONTEMPLATED BY THIS RESOLUTION.

WHEREAS, Spalding County, a political subdivision of the State of Georgia, (the “Lessee”), a County duly organized and existing as a political subdivision, municipal corporation or similar public entity of the State/Commonwealth of Georgia, is authorized by the laws of the State/Commonwealth of Georgia to acquire, finance and lease personal property for the benefit of the Lessee and its inhabitants and to enter into contracts with respect thereto; and

WHEREAS, the Lessee has determined that a need exists for the acquisition, financing and leasing of certain equipment consisting of the Roof on the LEC, which constitutes personal property necessary for the Lessee to perform essential governmental functions (the “*Equipment*”), on the terms provided herein; and

WHEREAS, in order to acquire such Equipment, the Lessee proposes to enter into that certain Master Equipment Lease/Purchase Agreement (the “*Agreement*”) with Bank of America, National Association (or one of its affiliates), as lessor, (the “*Lessor*”), the form of which has been presented to the governing body of the Lessee at this meeting, and separate Equipment Schedules thereto substantially in the form attached to the Agreement; and

WHEREAS, the governing body of the Lessee deems it for the benefit of the Lessee and for the efficient and effective administration thereof to enter into the Agreement and separate Equipment Schedules thereunder and the other documentation relating to the acquisition, financing and leasing of the Equipment to be therein described on the terms and conditions therein and herein provided;

NOW, THEREFORE, BE IT AND IT IS HEREBY RESOLVED by the governing body of the Lessee as follows:

Section 1. Findings and Determinations. It is hereby found and determined that the terms of the Agreement (including the form of Equipment Schedule and the form of Payment Schedule, both attached thereto), in the form presented to the governing body of Lessee at this meeting, are in the best interests of the Lessee for the acquisition, financing and leasing of the Equipment.

Section 2. Approval of Documents. The form, terms and provisions of the Agreement (including the form of Equipment Schedule and the form of Payment Schedule, both attached thereto) are hereby approved in substantially the forms presented at this meeting, with such insertions, omissions and changes as shall be approved by the Chairperson Gwen-Flowers-Taylor, Vice Chairman, James R. Dutton, Commissioners Rita Johnson and Bart Miller of the Lessee or other members of the governing body of the Lessee (the "*Authorized Officials*") executing the same, the execution of such documents being conclusive evidence of such approval; and the County Manager of the Lessee is hereby authorized and directed to execute, and the Deputy County Clerk of the Lessee is hereby authorized and directed to attest, the Agreement and any related Exhibits attached thereto and to deliver the Agreement (including such Exhibits) to the respective parties thereto, and the Deputy County Clerk of the Lessee is hereby authorized to affix the seal of the Lessee to such documents. The Authorized Officials are each hereby authorized and directed to sign and deliver on behalf of the Lessee the Agreement, each Equipment Schedule thereto under which a separate Lease (as defined in the Agreement) is created, each Payment Schedule attached thereto, any related Escrow Agreement and any related exhibits attached thereto if and when required; *provided, however,* that, without further authorization from the governing body of the Lessee, (a) the aggregate principal component of Rental Payments under all Leases entered into pursuant to the Agreement shall not exceed \$4,940,000; (b) the maximum term under any Lease entered into pursuant to the Agreement shall not exceed 15 years; and (c) the maximum interest rate used to determine the interest component of Rental Payments under each Lease shall not exceed the lesser of the maximum rate permitted by law or 2.18 percent (2.180%) per annum. The Authorized Officials may sign and deliver Leases to the Lessor on behalf of the Lessee pursuant to the Agreement on such terms and conditions as they shall determine are in the best interests of the Lessee up to the maximum aggregate principal component, maximum term and maximum interest rate provided above. The foregoing authorization shall remain in effect for a period of [two] years from the date hereof during which the Authorized Officials are authorized to sign and deliver Leases pursuant to the Agreement on the terms and conditions herein provided and to be provided in each such Lease

Section 3. Other Actions Authorized. The officers and employees of the Lessee shall take all action necessary or reasonably required by the parties to the Agreement to carry out, give effect to and consummate the transactions contemplated thereby (including the execution and delivery of Final Acceptance Certificates, Escrow Agreements, Disbursement Requests and any tax certificate and agreement, as contemplated in the Agreement) and to take all action necessary in conformity therewith, including, without limitation, the execution and delivery of any closing and other documents required to be delivered in connection with the Agreement and each Lease.

Section 4. No General Liability. Nothing contained in this Resolution, the Agreement, any Lease, any Escrow Agreement nor any other instrument shall be construed with respect to the Lessee as incurring a pecuniary liability or charge upon the general credit of the Lessee or against its taxing power, nor shall the breach of any agreement contained in this Resolution, the Agreement, any Lease, any Escrow Agreement or any other instrument or document executed in connection therewith impose any pecuniary liability upon the Lessee or any charge upon its general credit or

against its taxing power, except to the extent that the Rental Payments payable under each Lease entered into pursuant to the Agreement are limited obligations of the Lessee, subject to annual appropriation, as provided in the Agreement.

Section 5. Appointment of Authorized Lessee Representatives. The County Manager and Administrative Services Director of the Lessee are each hereby designated to act as authorized representatives of the Lessee for purposes of each Lease and related Escrow Agreement until such time as the governing body of the Lessee shall designate any other or different authorized representative for purposes of the Agreement and any Lease or Escrow Agreement.

Section 6. Severability. If any section, paragraph, clause or provision of this Resolution shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Resolution.

Section 7. Repealer. All bylaws, orders and resolutions or parts thereof, inconsistent herewith, are hereby repealed to the extent only of such inconsistency with respect to this Resolution. This repealer shall not be construed as reviving any bylaw, order, resolution or ordinance or part thereof.

Section 8. Effective Date. This Resolution shall be effective immediately upon its approval and adoption.

ADOPTED AND APPROVED by the governing body of the Lessee this 16th day of March, 2020.

SPALDING COUNTY BOARD OF COMMISSIONERS

Gwen Flowers-Taylor, Chairperson

[SEAL]

as lessee

By:_____

Printed Name: William P. Wilson, Jr.

Title: County Manager

ATTEST:

By: _____

Printed Name: Kathy E. Gibson

Title: Deputy County Clerk



Master Tax-Exempt Lease/Purchase Financing Proposal For: Spalding County, GA

Revised March 11, 2020

Bank of America has committed to investing an additional \$300 billion in low-carbon, sustainable business by 2030, bringing the bank's total commitment to more than \$445 billion since 2007. Through lending, investing, capital raising, advisory services and developing financing solutions for clients around the world, the bank has deployed more than \$126 billion over the past 12 years in support of environmental business efforts across the globe.



Ben Taube
Senior Vice President
Energy Services

Bank of America
600 Peachtree Street NE
Suite 6-71
Atlanta, GA 30308
Email: ben.taube@bofa.com
Tel: (404) 607.5561
Fax: (415) 796.1601

March 11, 2020

VIA ELECTRONIC MAIL

NORESCO
Attn: Kate Spirk
200 Perimeter Park Drive, Suite A
Morrisville, NC 27540
kspirk@NORESCO.com

Re: \$4,940,000 (approximate) Master Tax-Exempt Lease Purchase Proposal for Spalding County, Georgia

Dear Ms. Spirk,

Thank you for the opportunity to present to you the attached terms and conditions for the financing of the above Master Tax-Exempt Lease Purchase agreement ("MTELP") transaction for Spalding County, GA (the "Lessee" or "County"). Bank of America, National Association ("BANA" or "Lessor") looks forward to the opportunity to provide our tax-exempt equipment finance services for this important transaction.

BANA and our non-bank qualified funding entity, Banc of America Public Capital Corp ("BAPCC"), offer unique financing features and qualifications that can be leveraged on behalf of the Lessee to complete this Lease/Purchase transaction at a low interest cost and in a smooth and efficient manner. These features and qualifications include:

1. TAX-EXEMPT PRIVATE PLACEMENT EXPERIENCE: BAPCC/BANA are leading providers of private placement capital to the state government, municipal local government, K-12, housing authority, and higher education tax-exempt

markets. Our teams are highly experienced in documenting and closing tax-exempt lease purchase and private placement transactions;

2. ENERGY EFFICIENCY FINANCING EXPERIENCE: BAPCC's Energy Services group is a leading provider of financial solutions for energy efficiency, renewable energy, water system, and energy generation equipment and assets; and as such we have experience in working with many energy vendors, including NORESKO;
3. PRIVATE PLACEMENT BENEFITS: The proposed transaction is a private placement that will not require (i) any additional public ongoing disclosure requirements, (ii) any additional public offering document generation requirements, or (iii) any underwriting or related fees.
4. RATE LOCK: To eliminate the interest rate risk for the Lessee during the approval, documentation and closing of the transaction, we have included a ninety (90) day rate lock in this proposal (please review the attached proposal for terms of the rate lock).

This cover letter and term sheet include only a brief description of the principal terms of the proposed transaction. Please understand that this proposal is not a commitment or offer to lend, and does not create any obligation for Lessor or BAPCC. Lessor and/or BAPCC will not be responsible or liable for any damages, consequential or otherwise, that may be incurred or alleged by any person or entity, including the Lessee, as a result of this letter. Lessor will notify you in writing of its decision if Lessor agrees to proceed with the proposed transaction after completing its review and analysis.

Please feel free to contact me at 404.607.5561 to discuss the proposed transaction, or to accept this proposal, please sign the enclosed copy of this letter **within seven (7) business days** and return it to **Bank of America, National Association, 600 Peachtree Street NE, Suite 6-71, Atlanta, GA 30308 Attention: Ben Taube, or by fax to the same attention at fax number: 415.796.1601.**

We look forward to the opportunity to work with you and with Spalding County, GA on this important energy efficiency finance transaction.

Very truly yours,

BANK OF AMERICA



Ben Taube

Senior Vice President

The undersigned, by its authorized representative below, accepts the above proposal, agrees to furnish Lessor, its successors and assigns, any information relating to the business or financial condition of Lessee or its affiliates, and authorizes Lessor, Bank of America Corporation and their affiliates to disclose to, discuss with and distribute such information (and any information they may already have) to any other affiliates or proposed assignees or successors of Lessor.

AGREED AND ACCEPTED:

Spalding County, Georgia

By: _____

Title: _____

Date: _____

Tax ID: _____

cc: Internal BANA
Eric Melson, Geoff Culm, Brad Koster

"Bank of America" is the marketing name used by certain Global Banking and Global Markets businesses of Bank of America Corporation. Lending, leasing, equipment finance and other commercial banking activities, and trading in certain financial instruments are performed globally by banking affiliates of Bank of America Corporation, including Bank of America, N.A., Member FDIC. Banc of America Public Capital Corp, a wholly-owned subsidiary of Bank of America, National Association, is not a municipal advisor and is not subject to the fiduciary duty established in Section 15B(c)(1) of the Securities Exchange Act of 1934, as amended, with respect to any municipal financial product or issuance of municipal securities. The information provided in this document is not intended to be and should not be construed as "advice" with the meaning Section 15B of the Securities Exchange Act of 1934 and the municipal advisor rules of the SEC. © 2020 Bank of America Corporation. All rights reserved.



**SUMMARY OF TERMS AND CONDITIONS
BQ, MASTER TAX-EXEMPT LEASE PURCHASE AGREEMENT**

I. Lessee and Lessor - Introduction

Lessee/County: Spalding County, Georgia

Lessor: Bank of America, National Association, or its affiliate or designee
Note, in the event that the transaction is deemed NBQ then Banc of America Public Capital Corp ("BAPCC") rather than BANA, will be the Lessor.

Contact for both:

Ben Taube
Senior Vice President
600 Peachtree Street NE
Suite 6-71
Atlanta, GA 30308
(404) 607.5561 office
(415) 796.1601 fax
ben.taube@bofa.com

Address for documents:

Attn: Contracts Administration
11333 McCormick Road
Hunt Valley II
Mail Code: MD5-03-07-05
Hunt Valley, MD 21031

Lessor Background: The Lessor is a subsidiary of Bank of America Corporation, which is one of the nation's largest financial holding companies. In addition, Lessor has extensive experience in funding tax-exempt equipment lease and other private placement transactions for local government entities for energy and water efficiency equipment and projects.

Commitment to energy efficiency and the environment: Bank of America is a proud supporter of energy efficiency and initiatives that have a positive impact on the environment. Attached please find a summary of some of our important environmental announcements, and the following website contains a link to our corporate environmental progress report:

http://environment.bankofamerica.com/?cm_mmc=ENT-Funded--vanity--EF01VN0002_environment--NA

Financial profile and strength: As mentioned, Bank of America is one of the nation's largest financial holding companies. Our annual report can be found on the following internet link:

<http://investor.bankofamerica.com/phoenix.zhtml?c=71595&p=irol-reportsannual>

II. Structure, Project Description

Purpose: The purpose of this transaction is to provide financing to the Lessee for the acquisition of certain energy efficiency improvements (collectively, the "*Equipment*") procured by the Lessee under a guaranteed savings energy performance contract with NORESKO ("NORESKO" or "Vendor").

Structure: This transaction will be structured as a master tax-exempt, MTELP between Lessee and Lessor. Repayments under the MTELP shall be absolute and unconditional, subject only to annual appropriation of funds by the Lessee's governing body and in accordance with the laws of the State of Georgia. The MTELP will be a net financial lease, and all expenses, including but not limited to insurance, maintenance, and taxes, will be for the account of Lessee. Subject to annual appropriation, repayment of the MTELP will be made from the Lessee's General Fund plus any other legally available funds of the Lessee.

Security: Title to the Equipment shall be vested in Lessee. Lessee's obligations under the MTELP shall be secured by, among other things, a first priority security interest in the Equipment, evidenced by the filing of UCC financing for the Equipment as well as fixture filing statements. At maturity of the MTELP, upon payment of all outstanding amounts under the MTELP, Lessor's security interest in the Equipment shall be released and Lessee shall retain the Equipment. Lessee shall be required to maintain the Equipment free and clear of other liens, to insure the Equipment (public liability and property damage insurance), to promptly repair or replace any damaged or destroyed Equipment and to pay any applicable taxes.

Approximate Proceeds:

Project Amount:	\$4,940,000
Lessee's Costs of Issuance:	\$TBD
Lessor's Legal Expense Allocated to Costs of Issuance*:	<u>\$ -0-</u>
TOTAL PROCEEDS (approximate):	\$4,940,000

* Assuming Lessor's Counsel is not providing any opinions on behalf of the County and that Lessor's documents are used without considerable edit.

III. Funding, Interest Rate, Closing

Funding:

Proceeds from the MTELP will be deposited into an escrow fund ("Escrow Account") acceptable to Lessor. Lessee will be required to direct investments in the Escrow Account and any interest earned will be for the benefit of Lessee. During the installation period, the Lessee will requisition funds in the manner outlined in the Escrow Account documents. Subject to the approval of Lessor, disbursements will be made from the Escrow Account to pay for Equipment and other project costs upon delivery by the Lessee of a disbursement request (and related documents). The Escrow Account is subject to compliance by Lessee with all applicable regulations under the Internal Revenue Code, including but not limited to arbitrage reporting. So long as the Escrow Account investments are from the Escrow Agent's standard investments for governmental entities, there will not be an escrow fee.

**Anticipated
Escrow Agent:**

Bank of America, National Association.

Payments:

Fifteen (15) years of quarterly payments of principal and interest. Please see the attached draft amortization schedules for additional details. Feel free to request additional repayment scenarios from Lessor.

Closing Date:

Purely for purposes of this proposal, funding was calculated to be May 1, 2020.

**Indicative
FIXED
Interest Rate:**

Project - \$4,949,000
15 year level quarterly payments: 2.180%

The calculations for the Indicative Fixed Interest Rates above are:

Respective Bloomberg Treasury SWAP Rate X 79% + Applicable Spreads Below:*

Payment Mode	SWAP*	Swap Index	* 79%	+ Spread	Tax-Exempt Rate
15 yr level payments	10 years	1.50%	1.185%	0.995%	2.180%

* As of March 11, 2020, the Respective Treasury Interest Rate SWAP as reported by Bloomberg.

**Rate Lock
Procedure:**

If this proposal is signed and returned to Lessor within seven (7) business days, Lessor will hold the respective Indicative Fixed Interest Rates above for funding for a period of ninety (90) days from the date of this proposal. If closing of the transaction occurs after such rate lock expiration, the respective Indicative Fixed Interest Rate for the transaction is subject to

repricing at the discretion of Lessor 15 business days prior to the scheduled closing date in accordance with the selected option formula above.

IF LESSEE ASKS LESSOR TO LOCK THE RESPECTIVE INTEREST RATE ABOVE FOR FUNDING, LESSEE AGREES NOT TO SEEK FUNDING FOR THE PROJECT WITH ANOTHER LESSOR FOR A PERIOD OF SIX MONTHS AS A MEANS TO CIRCUMVENT THE RATE THAT LESSEE HAS ASKED LESSOR TO HOLD.

PLEASE BE ADVISED THAT THE PROPOSED INDICATIVE PRICING INDICIES SET FORTH ABOVE ARE ONLY AVAILABLE FOR A TRANSACTION THAT IS FULLY FUNDED OR FOR SPECIFIC EQUIPMENT THAT HAS COMMENCED FUNDING UNDER A LEASE/ PURCHASE AGREEMENT PURSUANT TO THIS PROPOSAL WITHIN 180 DAYS. THEREAFTER, LESSOR MAY AT ITS DISCRETION ADJUST ITS PRICING TO REFLECT ADVERSE CHANGES IN ITS COST OF FUNDS OR CHANGES GENERALLY IN MARKET CREDIT MARGINS.

PLEASE NOTE THAT THE PRICING AND RATES ABOVE ARE BASED ON THE AVERAGE LIVES OF THE ATTACHED DRAFT AMORTIZATION SCHEDULES. TO THE EXTENT THAT THE AVERAGE LIFE OF THE FINAL SELECTED AMORTIZATION SCHEDULE CHANGES, THE RESPECTIVE RATE ABOVE IS SUBJECT TO MODIFICATION BY LESSOR TO ACCOUNT FOR ANY LENGTHENING OF THE AVERAGE LIFE.

Closing Costs: The Lessee will be responsible for its own closing costs, including its own legal costs for providing a legal/validity opinion for the transaction. Lessee may include legal and financing costs in the transaction amount. Assuming that Lessor's counsel is not providing any opinion(s) on behalf of the Lessee, and that the terms and conditions do not vary significantly from Lessor's form of the MTELP, Lessor will not allocate a legal fee to the costs of issuance for the transaction. If total transaction cost exceeds \$5,000,000 it will require a tax opinion.

IV. Prepayment and Other Terms

Prepayment: With 30 days advance notice, Lessee will have the option to prepay the MTELP in whole but not part on any principal and interest payment date by paying the applicable Termination Value which shall be calculated as **102%** of the outstanding principal balance of the transaction.

Documents: To be provided by Lessor.

Opinion of Counsel: Counsel(s) to the Lessee shall deliver legal/validity opinion(s) to Lessor at closing in form and substance satisfactory to Lessor.

Anticipated Lessor's Counsel: Mary Nash Rusher of McGuireWoods.

**Tax Exempt
Obligation:**

The MTELP payments have been calculated on the following assumptions and representations by Lessee that Lessee:

1. is a state or political subdivision of a state within the meaning of Section 103(c) of the Internal Revenue Code (the “Code”) and duly created and validly existing under the laws of the State of Georgia;
2. is authorized under the laws of the State of Georgia to enter into the MTELP and the transactions contemplated thereby and to perform all of Lessee’s obligations thereunder; and
3. has duly authorized the execution and delivery of the MTELP under the terms of a resolution of its governing body or by other appropriate official approval, and all requirements and procedures have been satisfied in order to ensure the enforceability of the MTELP, and Lessee has complied with all applicable public bidding requirements.

Lessee shall provide Lessor with such evidence as Lessor may request to substantiate and maintain such tax status, and shall make such further representations and certifications as are customary in tax exempt transactions.

In the event Lessor suffers a loss of Federal income tax exemption of the interest portion of the rental payments as a result of the Lessee’s actions, Lessee will pay Lessor amounts calculated at a taxable rate sufficient to maintain Lessor’s yield in the MTELP. Lessee shall comply with the filing requirements of Section 149(e) of the Code.

Final Approval:

This proposal and the terms set forth herein are an indication of interest in the transaction, and are not and should not be construed as a commitment nor obligation of Lessor or its affiliates to provide any financing. The proposed transaction and the terms set forth herein are subject to all credit, risk, documentation and legal approvals of Lessor as well as execution and delivery of documentation acceptable to all parties. All disbursements are subject to no material adverse change in the financial condition of Lessee.

Assignment:

Lessor shall be entitled to assign its right, title and interest in the MTELP, and leased equipment on a private placement basis to qualified purchasers. In addition, Lessor shall be entitled to assign its right, title and interest in the MTELP to a trustee for the purpose of issuing certificates of participation or other forms of certificates evidencing an undivided interest in such MTELP, provided such certificates are sold only on a private placement basis (and not pursuant to any “public offering”) to a purchaser(s) who represent that (I) such purchaser has sufficient knowledge and experience in financial and business matters to be able to evaluate the risks and merits of the investment (ii) such purchaser understands neither the MTELP or certificates will be registered under the Securities Act of 1933, (iii) such purchaser is either an “accredited investor” within the meaning of Regulation D under the Securities Act of

1933, or a qualified institutional buyer within the meaning of Rule 144A, and (iv) that it is the intention of such purchaser to acquire such certificates (A) for investment for its own account or (B) for resale in a transaction exempt from registration under the Securities Act of 1933. At any time, Lessor may sell, assign or encumber all or any part of its right title and interest in the MTELP; however, in no event shall the Lessor assign this agreement as a public offer of participation. Lessee consents to a private placement transaction within the meaning of applicable federal securities laws.

**“Bank
Qualified”:**

It is understood that the transaction will be deemed “Bank Qualified” for federal tax purposes. Note, in the event that the transaction is deemed “non-bank qualified” then BAPCC and not BANA will be the Lessor. Lessor will maintain the quoted interest rate and rate lock described above in the event that the transaction is deemed NBQ.

**Payment and
Performance
Bonds:**

Lessor will be required to be listed as co-obligee on Payment and Performance Bonds provided by Vendor. The bonds must be in form and substance acceptable to Lessor.

**USA Patriot Act
Compliance:**

The County acknowledges that pursuant to the requirements of the USA Patriot Act (Title III of Pub. L. 107-56 (signed into law October 26, 2001)) (the "Patriot Act"), the Lessor is required to obtain, verify and record information that identifies the Lessee, which information includes the name and address of the Lessee and other information that will allow the Lessor to identify the Lessee in accordance with the Patriot Act.

**Municipal Advisor
Disclosure:**

This document is submitted in response to your request for a Lease/Purchase proposal received on January 22, 2020. The contents of this document and any subsequent discussions between us, including any and all information, recommendations, opinions, indicative pricing, quotations and analysis with respect to any municipal financial product or issuance of municipal securities, are provided to you in reliance upon the exemption provided for responses to requests for proposals or qualifications under the municipal advisor rules (the “Rules”) of the Securities and Exchange Commission (240 CFR 15Ba1-1 *et seq.*).

The Staff of the SEC’s Office of Municipal Securities has issued guidance which provides that, in order for a request for proposals to be consistent with this exemption, it must (a) identify a particular objective, (b) be open for not more than a reasonable period of time (up to six months being generally considered as reasonable), and (c) involve a competitive process

(such as by being provided to at least three reasonably competitive market participants) or by being publicly posted to your official website. In submitting this response, we have relied upon your compliance with this guidance.

In submitting this response, we are not undertaking to act as a “municipal advisor” to you or any other person within the meaning of the Rules. In connection with this response and the transactions described herein, we are not subject to, and we hereby disclaim, any fiduciary duty to you or to any other person. We understand that you will consult with and rely on the advice of your own municipal, financial, tax, legal and other advisors as and to the extent you deem necessary in connection with your evaluation of this response and the transactions described herein.

The transaction described in this document is an arm’s length, commercial transaction between you and Bank of America, National Association (“BANA”) in which: (i) BANA is acting solely as a principal (i.e., as a Lessor) and for its own interest; (ii) BANA is not acting as a municipal advisor or financial advisor to you; (iii) BANA has no fiduciary duty pursuant to Section 15B of the Securities Exchange Act of 1934 to you with respect to this transaction and the discussions, undertakings and procedures leading thereto (irrespective of whether BANA or any of its affiliates has provided other services or is currently providing other services to you on other matters); (iv) the only obligations BANA has to you with respect to this transaction are set forth in the definitive transaction agreements between us; and (v) BANA is not recommending that you take an action with respect to the transaction described in this document, and before taking any action with respect to the this transaction, you should discuss the information contained herein with your own legal, accounting, tax, financial and other advisors, as you deem appropriate. If you would like a municipal advisor in this transaction that has legal fiduciary duties to you, you are free to engage a municipal advisor to serve in that capacity.

Proposal over RFP: Terms of Lessor’s proposal shall supersede terms in the RFP. If you have any specific questions please contact Lessor.

Revised 15c2-12: For the protection of both parties, Lessor may request that Lessee redact certain information such as email addresses, signatures, contact names and numbers, account numbers, as well as the Escrow Disbursement Form prior to any public posting of the transaction documents.

Market Disruption: NOTWITHSTANDING ANYTHING CONTAINED HEREIN TO THE CONTRARY, IN THE EVENT ANY MATERIAL CHANGE SHALL OCCUR IN THE FINANCIAL MARKETS AFTER THE DATE OF THIS PROPOSAL LETTER, INCLUDING BUT NOT LIMITED TO ANY GOVERNMENTAL ACTION OR OTHER EVENT WHICH MATERIALLY ADVERSELY AFFECTS THE EXTENSION OF CREDIT BY BANKS, LEASING COMPANIES OR OTHER LENDING

INSTITUTIONS, LESSOR MAY MODIFY THE INDEX PRICING DESCRIBED ABOVE.

Questions:

Please contact Lessor with any questions you may have regarding this proposal or to request additional amortization scenarios.

Appendix 1: Draft Amortization Schedule
Spalding County, Georgia
Master Tax-Exempt Lease Purchase Agreement - Years/Quarterly Payments

Lease Proceeds				\$ 4,929,584.69				
Interest Rate				2.1800%				
Closing/Funding Date (est.)				5/1/20				
Pmt. No.	Year No.	Payment Date	Funding Amount	Payment Amount	Interest Portion	Principal Portion	Outstanding Balance	Termination Value
0		5/1/2020	\$ 4,929,584.69				\$ 4,929,584.69	
1	1	5/1/2021		\$ 81,098.81	\$ 107,464.95	\$ (26,366.14)	\$ 4,955,950.83	\$ 5,055,069.84
2	1	8/1/2021		\$ 81,098.81	\$ 27,009.93	\$ 54,088.88	\$ 4,901,861.94	\$ 4,999,899.18
3	1	11/1/2021		\$ 81,098.81	\$ 26,715.15	\$ 54,383.66	\$ 4,847,478.28	\$ 4,944,427.85
4	1	2/1/2022		\$ 81,098.81	\$ 26,418.76	\$ 54,680.05	\$ 4,792,798.23	\$ 4,888,654.19
5	2	5/1/2022		\$ 82,098.94	\$ 26,120.75	\$ 55,978.19	\$ 4,736,820.04	\$ 4,831,556.44
6	2	8/1/2022		\$ 82,098.94	\$ 25,815.67	\$ 56,283.27	\$ 4,680,536.77	\$ 4,774,147.51
7	2	11/1/2022		\$ 82,098.94	\$ 25,508.93	\$ 56,590.01	\$ 4,623,946.77	\$ 4,716,425.70
8	2	2/1/2023		\$ 82,098.94	\$ 25,200.51	\$ 56,898.43	\$ 4,567,048.34	\$ 4,658,389.31
9	3	5/1/2023		\$ 84,617.02	\$ 24,890.41	\$ 59,726.61	\$ 4,507,321.73	\$ 4,597,468.17
10	3	8/1/2023		\$ 84,617.02	\$ 24,564.90	\$ 60,052.12	\$ 4,447,269.61	\$ 4,536,215.01
11	3	11/1/2023		\$ 84,617.02	\$ 24,237.62	\$ 60,379.40	\$ 4,386,890.22	\$ 4,474,628.02
12	3	2/1/2024		\$ 84,617.02	\$ 23,908.55	\$ 60,708.47	\$ 4,326,181.75	\$ 4,412,705.38
13	4	5/1/2024		\$ 87,210.90	\$ 23,577.69	\$ 63,633.21	\$ 4,262,548.54	\$ 4,347,799.51
14	4	8/1/2024		\$ 87,210.90	\$ 23,230.89	\$ 63,980.01	\$ 4,198,568.53	\$ 4,282,539.91
15	4	11/1/2024		\$ 87,210.90	\$ 22,882.20	\$ 64,328.70	\$ 4,134,239.84	\$ 4,216,924.64
16	4	2/1/2025		\$ 87,210.90	\$ 22,531.61	\$ 64,679.29	\$ 4,069,560.55	\$ 4,150,951.76
17	5	5/1/2025		\$ 89,882.64	\$ 22,179.11	\$ 67,703.53	\$ 4,001,857.02	\$ 4,081,894.16
18	5	8/1/2025		\$ 89,882.64	\$ 21,810.12	\$ 68,072.52	\$ 3,933,784.51	\$ 4,012,460.20
19	5	11/1/2025		\$ 89,882.64	\$ 21,439.13	\$ 68,443.51	\$ 3,865,341.00	\$ 3,942,647.82
20	5	2/1/2026		\$ 89,882.64	\$ 21,066.11	\$ 68,816.53	\$ 3,796,524.47	\$ 3,872,454.96
21	6	5/1/2026		\$ 92,634.06	\$ 20,691.06	\$ 71,943.00	\$ 3,724,581.47	\$ 3,799,073.10
22	6	8/1/2026		\$ 92,634.06	\$ 20,298.97	\$ 72,335.09	\$ 3,652,246.38	\$ 3,725,291.31
23	6	11/1/2026		\$ 92,634.06	\$ 19,904.74	\$ 72,729.32	\$ 3,579,517.06	\$ 3,651,107.40
24	6	2/1/2027		\$ 92,634.06	\$ 19,508.37	\$ 73,125.69	\$ 3,506,391.37	\$ 3,576,519.20
25	7	5/1/2027		\$ 95,468.44	\$ 19,109.83	\$ 76,358.61	\$ 3,430,032.76	\$ 3,498,633.42
26	7	8/1/2027		\$ 95,468.44	\$ 18,693.68	\$ 76,774.76	\$ 3,353,258.00	\$ 3,420,323.16
27	7	11/1/2027		\$ 95,468.44	\$ 18,275.26	\$ 77,193.18	\$ 3,276,064.81	\$ 3,341,586.11
28	7	2/1/2028		\$ 95,468.44	\$ 17,854.55	\$ 77,613.89	\$ 3,198,450.92	\$ 3,262,419.94
29	8	5/1/2028		\$ 98,387.37	\$ 17,431.56	\$ 80,955.81	\$ 3,117,495.11	\$ 3,179,845.01
30	8	8/1/2028		\$ 98,387.37	\$ 16,990.35	\$ 81,397.02	\$ 3,036,098.09	\$ 3,096,820.05
31	8	11/1/2028		\$ 98,387.37	\$ 16,546.73	\$ 81,840.64	\$ 2,954,257.44	\$ 3,013,342.59
32	8	2/1/2029		\$ 98,387.37	\$ 16,100.70	\$ 82,286.67	\$ 2,871,970.77	\$ 2,929,410.19
33	9	5/1/2029		\$ 101,394.34	\$ 15,652.24	\$ 85,742.10	\$ 2,786,228.67	\$ 2,841,953.24
34	9	8/1/2029		\$ 101,394.34	\$ 15,184.95	\$ 86,209.39	\$ 2,700,019.28	\$ 2,754,019.66
35	9	11/1/2029		\$ 101,394.34	\$ 14,715.11	\$ 86,679.23	\$ 2,613,340.05	\$ 2,665,606.85
36	9	2/1/2030		\$ 101,394.34	\$ 14,242.70	\$ 87,151.64	\$ 2,526,188.40	\$ 2,576,712.17
37	10	5/1/2030		\$ 104,491.41	\$ 13,767.73	\$ 90,723.68	\$ 2,435,464.72	\$ 2,484,174.02
38	10	8/1/2030		\$ 104,491.41	\$ 13,273.28	\$ 91,218.13	\$ 2,344,246.59	\$ 2,391,131.52
39	10	11/1/2030		\$ 104,491.41	\$ 12,776.14	\$ 91,715.27	\$ 2,252,531.32	\$ 2,297,581.95
40	10	2/1/2031		\$ 104,491.41	\$ 12,276.30	\$ 92,215.11	\$ 2,160,316.21	\$ 2,203,522.54
41	11	5/1/2031		\$ 107,681.37	\$ 11,773.72	\$ 95,907.65	\$ 2,064,408.56	\$ 2,105,696.73
42	11	8/1/2031		\$ 107,681.37	\$ 11,251.03	\$ 96,430.34	\$ 1,967,978.22	\$ 2,007,337.79
43	11	11/1/2031		\$ 107,681.37	\$ 10,725.48	\$ 96,955.89	\$ 1,871,022.33	\$ 1,908,442.78
44	11	2/1/2032		\$ 107,681.37	\$ 10,197.07	\$ 97,484.30	\$ 1,773,538.03	\$ 1,809,008.80
45	12	5/1/2032		\$ 110,966.95	\$ 9,665.78	\$ 101,301.17	\$ 1,672,236.86	\$ 1,705,681.60
46	12	8/1/2032		\$ 110,966.95	\$ 9,113.69	\$ 101,853.26	\$ 1,570,383.60	\$ 1,601,791.27
47	12	11/1/2032		\$ 110,966.95	\$ 8,558.59	\$ 102,408.36	\$ 1,467,975.24	\$ 1,497,334.74
48	12	2/1/2033		\$ 110,966.95	\$ 8,000.47	\$ 102,966.48	\$ 1,365,008.76	\$ 1,392,308.93
49	13	5/1/2033		\$ 114,351.21	\$ 7,439.30	\$ 106,911.91	\$ 1,258,096.85	\$ 1,283,258.78
50	13	8/1/2033		\$ 114,351.21	\$ 6,856.63	\$ 107,494.58	\$ 1,150,602.26	\$ 1,173,614.31
51	13	11/1/2033		\$ 114,351.21	\$ 6,270.78	\$ 108,080.43	\$ 1,042,521.83	\$ 1,063,372.27
52	13	2/1/2034		\$ 114,351.21	\$ 5,681.74	\$ 108,669.47	\$ 933,852.36	\$ 952,529.41
53	14	5/1/2034		\$ 117,837.13	\$ 5,089.50	\$ 112,747.63	\$ 821,104.73	\$ 837,526.83
54	14	8/1/2034		\$ 117,837.13	\$ 4,475.02	\$ 113,362.11	\$ 707,742.63	\$ 721,897.48
55	14	11/1/2034		\$ 117,837.13	\$ 3,857.20	\$ 113,979.93	\$ 593,762.70	\$ 605,637.95
56	14	2/1/2035		\$ 117,837.13	\$ 3,236.01	\$ 114,601.12	\$ 479,161.58	\$ 488,744.81
57	15	5/1/2035		\$ 121,426.97	\$ 2,611.43	\$ 118,815.54	\$ 360,346.03	\$ 367,552.96
58	15	8/1/2035		\$ 121,426.97	\$ 1,963.89	\$ 119,463.08	\$ 240,882.95	\$ 245,700.61
59	15	11/1/2035		\$ 121,426.97	\$ 1,312.81	\$ 120,114.16	\$ 120,768.78	\$ 123,184.16
60	15	2/1/2036		\$ 121,426.97	\$ 658.19	\$ 120,768.78	\$ (0.00)	\$ (0.00)
				\$ 4,929,584.69	\$ 5,958,190.26	\$ 1,028,605.57	\$ 4,929,584.69	



SPALDING COUNTY BOARD OF COMMISSIONERS

Hwy 155 Liquor Store

Requesting Agency

County Clerk

Requested Action

Consider request from Meja Construction, Inc for an alternate design review as provided for under Appendix J, Section 416 of the UDO.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION

Approval.

ATTACHMENTS:

Description	Upload Date	Type
<input type="checkbox"/> Email from Chad Jacobs	3/12/2020	Backup Material
<input type="checkbox"/> Roof Variance Letter	3/6/2020	Backup Material
<input type="checkbox"/> Roof Variance Drawing	3/6/2020	Backup Material



Memorandum

To: Board of Commissioners

From: Community Development

Date: March 16, 2020

Re: 155 Liquor Store– Alternative Design Review

In 2007 Spalding County amended the Uniform Development Code (UDO) to require additional architectural standards within Appendix J Section 416. The applicant is proposing to construct a liquor store that was recently granted zoning approval. The façade elevation criteria in Section 416 regarding roofs states, “all one-story buildings less than 10,000 gross square feet must have a pitched roof (between 4:12 and 12:12). If not possible, a combination of flat roof and pitched roof is required. Provide a pitched roof on front and side of the building to screen view of any flat roof.”

Section 416 also allows for an alternate design review before the Board of Commissioners should a developer propose to vary from the criteria. As a result, the applicant is requesting to comply with the ordinance on only the front façade.

Please see attached letter from the applicant regarding their design proposal for the roof.



MEJA
CONSTRUCTION, INC.

Re: Hwy 155 Liquor Store
3430 North McDonough Road
Locust Grove, Georgia 30248

March 5, 2020

Administrative Variance for Architectural Design

Board of Commissioners,

This letter stands as a request for a variance on the architectural design ordinance for the proposed roof line on the above referenced project. The Spalding County ordinance "Roof Requirements", states a single-story building under 10,000 square feet must have a roof pitch between 4:12 and 12:12. The proposed referenced building is 7,000 square feet. The conceptual drawing furnished shows the front parapet wall to be constructed with multiple elevations. Consisting of brick, stone and cementitious board as a veneered façade. The two sides walls will be designed with the same materials. The rear wall is proposed to be factory finished metal panels.

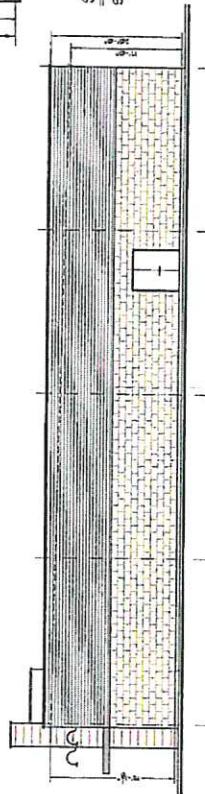
We believe our proposed design will meet the guidelines for an architectural diversity and maintain a consistent aesthetic and visual quality that the board has envisioned for Spalding County.

Thank you for your time and consideration for this request.

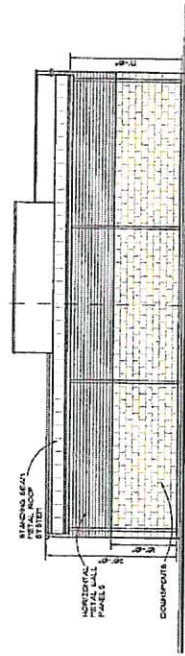
Sincerely,

Don Hulon
Project Manager

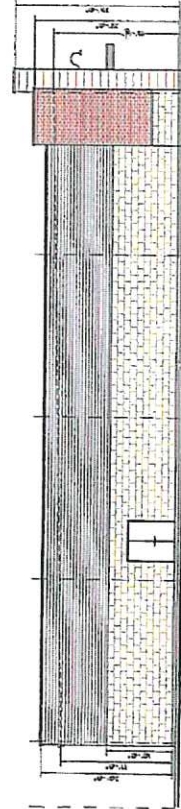
FRONT ELEVATION
SCALE 1/8" = 1'-0"



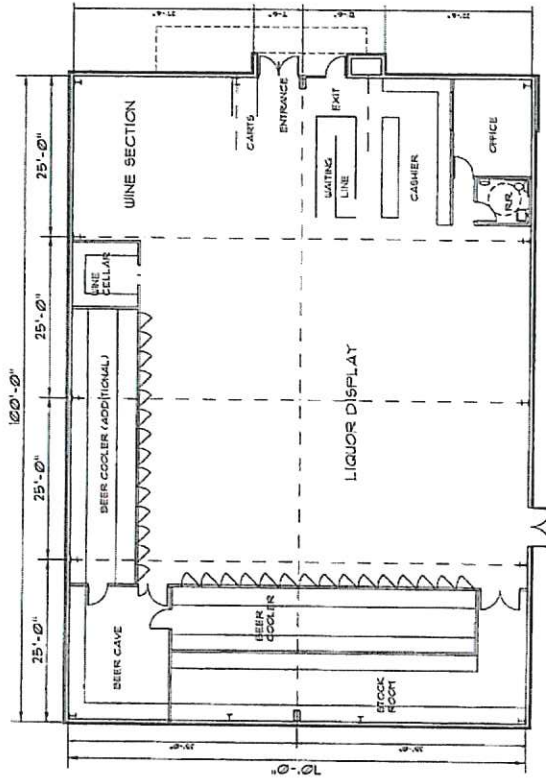
REAR ELEVATION
SCALE 1/8" = 1'-0"



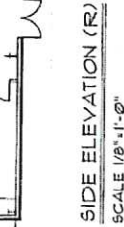
SIDE ELEVATION (L)
SCALE 1/8" = 1'-0"



FLOOR PLAN, ELEVATIONS



FLOOR PLAN
SCALE 1/8"=1'-0"





Re: Hwy 155 Liquor Store
3430 North McDonough Road
Locust Grove, Georgia 30248

March 5, 2020

Administrative Variance for Architectural Design

Board of Commissioners,

This letter stands as a request for a variance on the architectural design ordinance for the proposed roof line on the above referenced project. The Spalding County ordinance "Roof Requirements", states a single-story building under 10,000 square feet must have a roof pitch between 4:12 and 12:12. The proposed referenced building is 7,000 square feet. The conceptual drawing furnished shows the front parapet wall to be constructed with multiple elevations. Consisting of brick, stone and cementitious board as a veneered façade. The two sides walls will be designed with the same materials. The rear wall is proposed to be factory finished metal panels.

We believe our proposed design will meet the guidelines for an architectural diversity and maintain a consistent aesthetic and visual quality that the board has envisioned for Spalding County.

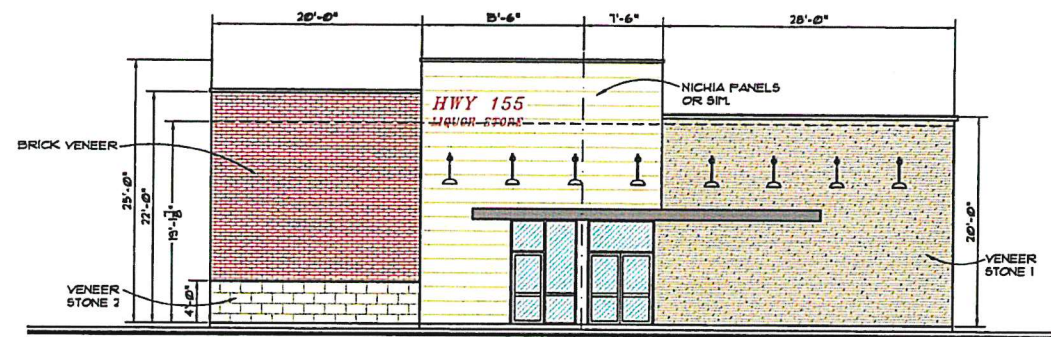
Thank you for your time and consideration for this request.

Sincerely,

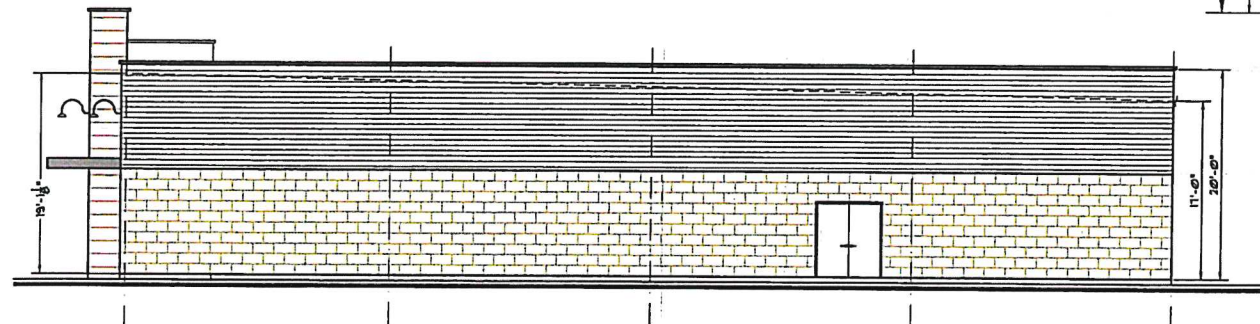
Don Hulon

Project Manager

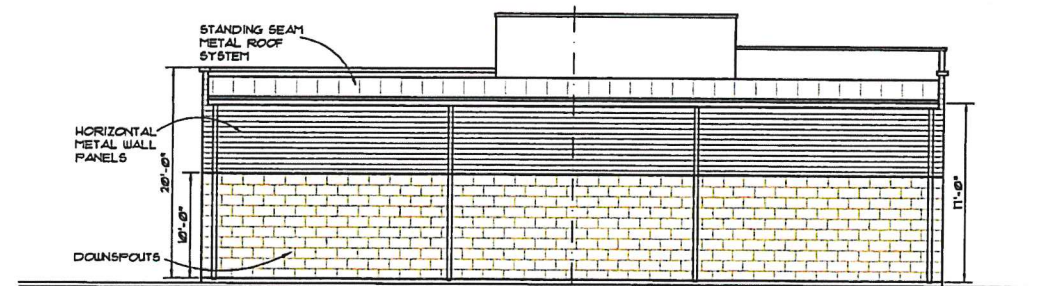
Requesting administration variance for a low pitch roof with parapet walls in lieu of a 4:12 minimum pitched roof as per the county ordinance and metal panels on rear of building where it is unseen from the right away of the road.



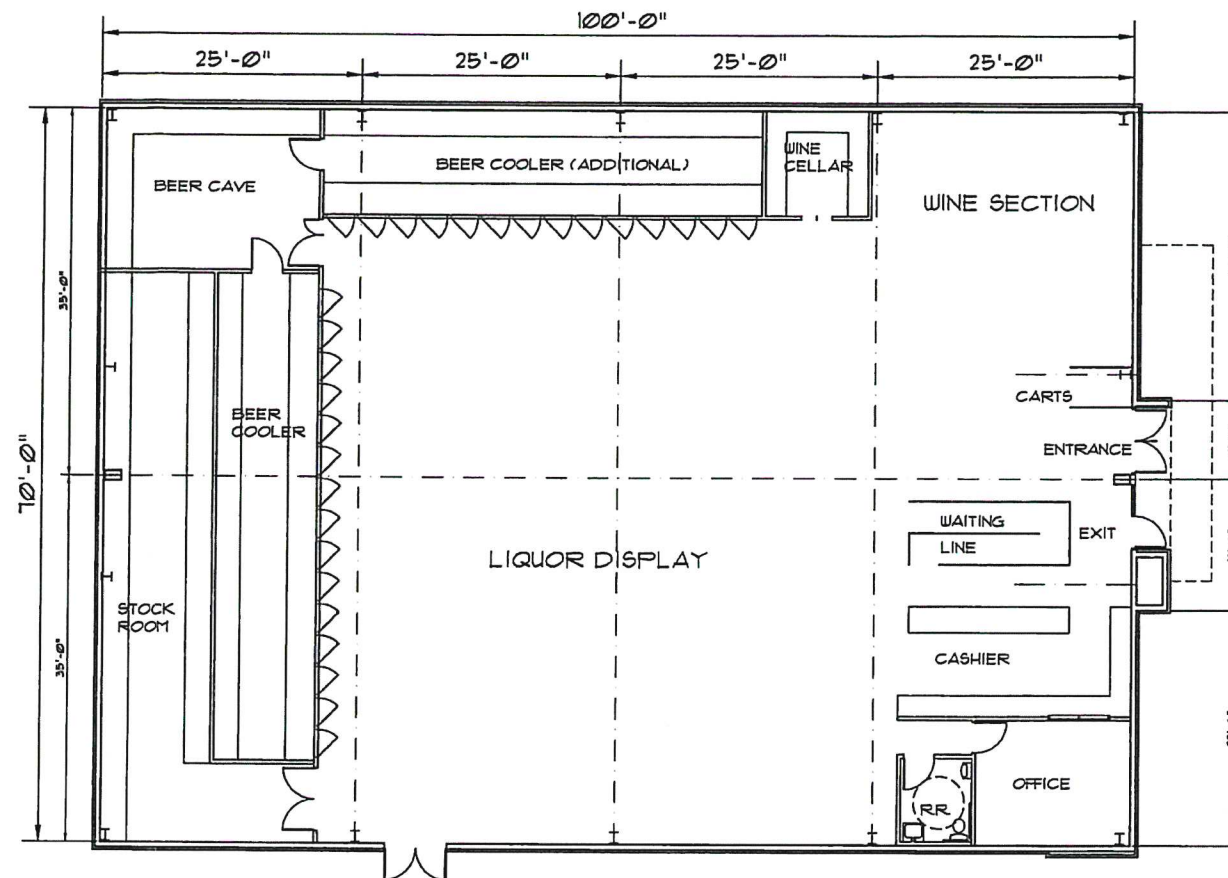
FRONT ELEVATION
SCALE 1/8"=1'-0"



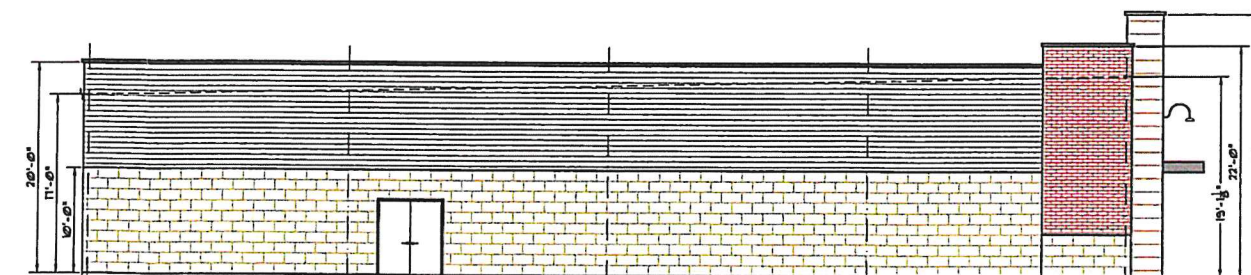
SIDE ELEVATION (R)
SCALE 1/8"=1'-0"



REAR ELEVATION
SCALE 1/8"=1'-0"



FLOOR PLAN
SCALE 1/8"=1'-0"



SIDE ELEVATION (L)
SCALE 1/8"=1'-0"

FLOOR PLAN, ELEVATIONS

DATE	NO.	REVISION



A NEW BUILDING FOR:
HWY 155 LIQUOR STORE
HWY 155
GEORGIA 30000

DRAWN BY: JF
PROJ. N-1013
SCALE 1/8"=1'-0"
DATE: 1/19/2019
JOB NO.
SHEET NO.
FLOOR PLAN
SHEET NO.
A-1



SPALDING COUNTY BOARD OF COMMISSIONERS CI Bar Screen

Requesting Agency

County Clerk

Requested Action

Consider recommendation from Paragon Consulting to award bid for the CI and Jail Bar Screen project to P.F. Moon and Company, Inc. low bidder in the amount of \$223,000.00.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

A total of four bids were received ranging from a high of \$342,000 to a low of \$223,000

Fiscal Impact / Funding Source

General Fund - Fund Balance

STAFF RECOMMENDATION

Approval of low bid.

ATTACHMENTS:

Description	Upload Date	Type
<input type="checkbox"/> Bar Screen Award Recommendation	3/11/2020	Backup Material
<input type="checkbox"/> 2020-3-3 Bid Results	3/11/2020	Backup Material

March 5, 2020

Mr. William Wilson
Spalding County Board of Commissioners
P.O. Box 1087
Griffin, GA 30224

Re: Spalding County Board of Commissioners
C.I. and Jail Bar Screen

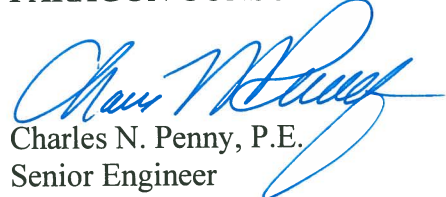
Dear William:

Paragon Consulting Group (PCG) has tabulated the bids submitted on March 3, 2020 for the above project. The low bid was submitted by P.F. Moon and Company, Inc. PCG has evaluated the bid package submitted by P.F. Moon and verified that it complies with the stipulations set forth in the project specifications, including a valid bid bond in the amount of five percent of the bid. Based on the bid results, verification of the bid package, and P.F. Moon's prior work for the City of Griffin, PCG recommends Spalding County award the project to P.F. Moon and Company, Inc. for the amount of the base bid contract amount of \$223,000. The attached table contains a detailed summary of the bids submitted by all contractors.

Feel free to contact me should you have any questions concerning this matter.

Sincerely,

PARAGON CONSULTING GROUP, INC.



Charles N. Penny, P.E.
Senior Engineer

jbg/cnp

Attachment Contractor Bid Results

**SPALDING COUNTY C.I. AND JAIL BAR SCREEN
BID RESULTS
MARCH 3, 2020**

				CLINE SERVICE CORPORATION		CRAWFORD GRADING & PIPELINE, INC.		MCLEROY EQUIPMENT, LLC		P.F. MOON AND COMPANY, INC.	
Item	Description	Unit	Quantity	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
GENERAL											
1.	GENERAL CONDITIONS	LS	1	\$22,500.00	\$22,500.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$77,500.00	\$77,500.00
2.	PAYMENT AND PERFORMANCE BONDS	LS	1	\$11,000.00	\$11,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
<i>General Subtotal =</i>					<i>\$33,500.00</i>		<i>\$9,500.00</i>		<i>\$25,000.00</i>		<i>\$80,500.00</i>
CONSTRUCTION AND PLATE SCREEN											
3.	GRADING COMPLETE	LS	1	\$50,000.00	\$50,000.00	\$9,808.44	\$9,808.44	\$25,000.00	\$25,000.00	\$3,000.00	\$3,000.00
4.	PLATE SCREEN & SPIRAL CONVEYOR COMPACTOR COMPLETE PER SPECIFICATIONS	LS	1	\$145,000.00	\$145,000.00	\$161,000.00	\$161,000.00	\$130,000.00	\$130,000.00	\$90,000.00	\$90,000.00
5.	CONCRETE TROUGH WITH 'TIE-IN' PIPE AND SLIDE GATE COMPLETE PER PLANS	LS	1	\$25,500.00	\$25,500.00	\$45,871.04	\$45,871.04	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00
6.	BYPASS PIPING & BENDS COMPLETE	LS	1	\$5,500.00	\$5,500.00	\$2,902.44	\$2,902.44	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
7.	BYPASS GATE VALVE	LS	1	\$1,500.00	\$1,500.00	\$1,532.00	\$1,532.00	\$1,100.00	\$1,100.00	\$1,500.00	\$1,500.00
8.	CONCRETE WALKWAY AROUND TROUGH	LS	1	\$7,500.00	\$7,500.00	\$9,650.00	\$9,650.00	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00
9.	CONCRETE DUMPSTER PAD	LS	1	\$7,500.00	\$7,500.00	\$11,500.00	\$11,500.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00
10.	GRAVEL DRIVE PER DETAIL	LS	1	\$9,000.00	\$9,000.00	\$5,621.20	\$5,621.20	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00
11.	1-INCH WATER LINE INCLUDING TAP AND FROST-PROOF HOSE BIBB COMPLETE	LS	1	\$6,500.00	\$6,500.00	\$3,257.80	\$3,257.80	\$2,400.00	\$2,400.00	\$2,000.00	\$2,000.00
12.	ELECTRICAL WORK COMPLETE	LS	1	\$11,500.00	\$11,500.00	\$6,695.00	\$6,695.00	\$8,500.00	\$8,500.00	\$9,000.00	\$9,000.00
13.	TEMPORARY BYPASS PUMPING FROM MANHOLE TO MANHOLE	LS	1	\$29,500.00	\$29,500.00	\$1.00	\$1.00	\$30,000.00	\$30,000.00	\$5,000.00	\$5,000.00
14.	EROSION CONTROL & GRASSING COMPLETE	LS	1	\$9,500.00	\$9,500.00	\$8,727.30	\$8,727.30	\$7,000.00	\$7,000.00	\$4,000.00	\$4,000.00
<i>Construction and Plate Screen Subtotal =</i>					<i>\$308,500.00</i>		<i>\$266,566.22</i>		<i>\$252,000.00</i>		<i>\$142,500.00</i>
<i>TOTAL CONSTRUCTION</i>					<i>\$342,000.00</i>		<i>\$276,066.22</i>		<i>\$277,000.00</i>		<i>\$223,000.00</i>



SPALDING COUNTY BOARD OF COMMISSIONERS MOA Construction Of New Airport

Requesting Agency

County Manager

Requested Action

Consider Memorandum of Agreement between the Federal Aviation Administration, Georgia Department of Transportation, Spalding County, the City of Griffin, the Griffin Spalding Airport Authority, and the State of Georgia Historic Preservation Officer regarding the construction of a new airport.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

All parties have approved and County signature is needed to move forward with construction of the new Airport and Phase 2 of land acquisition.

Fiscal Impact / Funding Source

STAFF RECOMMENDATION

Approval

ATTACHMENTS:

Description	Upload Date	Type
<input type="checkbox"/> Memorandum Of Agreement	3/11/2020	Backup Material

**MEMORANDUM OF AGREEMENT
AMONG
FEDERAL AVIATION ADMINISTRATION (FAA),
GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT),
THE CITY OF GRIFFIN, GEORGIA
SPALDING COUNTY, GEORGIA
THE GRIFFIN-SPALDING COUNTY AIRPORT AUTHORITY,
AND THE
GEORGIA STATE HISTORIC PRESERVATION OFFICER (GA SHPO)
REGARDING
THE CONSTRUCTION OF A NEW AIRPORT
GRIFFIN, SPALDING COUNTY, GEORGIA
HP-091223-002**

WHEREAS, the FAA has conditionally approved the Airport Layout Plan and plans for possible Federal Funding to construct a new airport in Spalding County, Georgia (undertaking) pursuant to 49 U.S.C. § 47101; and

WHEREAS, the undertaking consists of converting 553 acres of multi-use developed, agricultural, and vacant land to construct and develop a full-service general aviation airport with a 5500-foot runway that meets all FAA design and safety standards; and

WHEREAS, FAA has defined the undertaking's area of potential effect (APE) in accordance with 36 CFR Part 800.16(d), in consultation with the GA SHPO, as the 553 acres and a ¼-mile buffer surrounding the site upon which the airport would be constructed and the surrounding properties that may have an indirect effect; and

WHEREAS, the undertaking will be owned and operated by the City of Griffin (City), Spalding County (County), and the Griffin Spalding County Authority (Authority) and therefore, the City, the County, and Authority have been asked to participate and sign this Memorandum of Agreement (MOA); and

WHEREAS, FAA, in consultation with GA SHPO, has determined that the undertaking will have an adverse effect on the Thomas-Melin House and Farm, which is eligible for listing in the National Register of Historic Places (NRHP), and archaeological site 9SP216, which is unknown for listing in the NRHP and is therefore, treated as eligible for listing in the NRHP, and has consulted with the GA SHPO pursuant to 36 C.F.R. part 800, of the regulations implementing Section 106 of the National Historic Preservation Act (NHPA; 16 U.S.C. § 470f); and

WHEREAS, FAA has consulted with the Alabama-Coushatta Tribe of Texas for which Site 9SP216-Rockpike may have religious and cultural significance, and has invited the Tribe[s] to comment on the site and has received no response; and

WHEREAS, FAA has consulted with the public through Public Hearings during the

NEPA process, and with GDOT regarding the effects of the undertaking on historic properties. No comments were received concerning historic properties. GDOT has been invited to sign this MOA as an invited signatory; and

WHEREAS, in accordance with 36 C.F.R. § 800.6(a)(1), FAA has notified the Advisory Council on Historic Preservation (ACHP) of its adverse effect determination with specified documentation and the ACHP has chosen not to participate in the consultation pursuant to 36 CFR § 800.6(a)(1)(iii); and

NOW, THEREFORE, the FAA, GA SHPO, the City, the County, and the Authority agree that the undertaking shall be implemented in accordance with the following stipulations in order to take into account the effect of the undertaking on historic properties.

STIPULATIONS

The City, County, and Authority shall ensure that the following measures are carried out by a professional who meets the applicable Secretary of Interior Professional Qualifications Standards:

I. ARCHAEOLOGICAL INVESTIGATION

- A.** After acquisition and prior to start of any ground disturbance, archaeological **Site 9SP216** (rock pile) will be thoroughly analyzed for the presence of a burial site. If found to be a burial site, the total site, along with a 30' buffer will be fenced so that there can be no ground disturbance in this area. A cultural resources survey report will be prepared and submitted to GA SHPO for concurrence. If found to be a burial site, a plan will be prepared for preservation of the site. FAA and GA SHPO must concur with the preservation plan.

II. ARCHAEOLOGICAL SITE PRESERVATION

- A.** Archaeological sites **9SP191** (the Hopkins Tract) and **9SP213** (the Thomas-Bennett house site) will be purchased by the Sponsor. The sites, including a 25' buffer will be fenced and preserved. If at any time in the future, disturbance (including tree removal) may be required, a survey of the sites will be conducted to determine if artifact recovery is recommended. If recommended, the appropriate plan will be completed and approved by FAA and GA SHPO and recovery completed in accordance with the plan.

III. VEGETATIVE SCREENING

- A.** Prior to clearing and grading, a landscape plan will be submitted to GA SHPO identifying appropriate screening of the Central Hall House noted as Resource 9.

IV. PERMANENT ARCHIVAL RECORD

Approximately 24 acres of the **Thomas-Melin Farm/ Resource 1**, a portion of which is currently under agricultural production (pecan trees), will be converted to airport use as necessary to meet FAA airport standards. All existing farm structures and infrastructure will be avoided, including the identified boundary of the associated archaeological site.

- A. Prior to acquisition of the Thomas-Melin Farm property, digital photographs will be taken of the buildings and landscape within the Thomas-Melin Farm including views of the exterior and interior of all buildings, structural or decorative detailing such as roof, mantels, interior molding, exterior woodwork, and structural systems on the underside of buildings. Digital photographs showing the overall complex and its setting will also be included.
- B. The photographer shall comply with the minimum level standards necessary for document retention at GA SHPO pursuant to the *Guidelines for Establishing a Photographic Permanent Archival Record*. A draft copy of the PAR will be provided to GA SHPO for a 30-day review and comment period. The City, County, and Authority will respond to GA SHPO comments regarding the draft PAR within 30-days of receipt. After the draft has been reviewed, a final archival copy of the PAR will be provided to GA SHPO and to [a local GA SHPO-approved repository].

V. PUBLIC DOMAIN OF AGENCY RECORDS

All rights, title, and interest in all documents, data, studies, surveys, drawings, maps, models, photographs, and reports prepared pursuant to this MOA, including without limitation any copyright, title, trademark, and intellectual property rights in and to the project materials, shall remain with the City, County, and Authority. The City, County, and Authority reserves unto itself all rights of every kind and nature except those expressly granted to the GA SHPO herein. The City, County, and Authority hereby grants to the GA SHPO a worldwide, perpetual, nonexclusive, nontransferable, unconditional, royalty free, irrevocable license to use, reproduce, exhibit, transmit, distribute, maintain, and modify the project materials, in whole or in part, and to incorporate the project materials, in whole or in part, into other works, including but not limited to any and all markets, media, and advertising.

The City, County, and Authority hereby waives the right to inspect or approve any copy that is used in connection with the works in any existing or subsequently developed medium and agree to release and discharge the GA SHPO from any and all claims arising out of such use for the purposes described above.

VI. DURATION

This MOA shall expire if its terms are not carried out within five (5) years from the date which the fully executed MOA is filed with ACHP. Prior to such time, GDOT may consult with the other signatories to reconsider the terms of the MOA and amend it in accordance with Stipulation X, below.

VII. POST-REVIEW DISCOVERIES

If potential cultural resources are discovered or unanticipated effects on cultural resources found during design or construction, all work shall promptly stop and the FAA, GDOT, GA SHPO, and any affected Tribe will be notified and consulted on how to proceed pursuant to 36 CFR Part 800.13.

VIII. MONITORING AND REPORTING

Each year following the execution of this MOA until it expires or is terminated, the City, County, and Authority shall provide all parties to this MOA a summary report detailing work undertaken pursuant to its terms. Such report shall include any scheduling changes proposed, any problems encountered, and any disputes and objections received in the City, County, and Authority's efforts to carry out the terms of this MOA.

IX. DISPUTE RESOLUTION

Should any signatory to this MOA object at any time to any actions proposed or the manner in which the terms of this MOA are implemented, GDOT shall consult with such party to resolve the objection. If GDOT determines that such objection cannot be resolved, GDOT will:

- A. Forward all documentation relevant to the dispute, including the GDOT's proposed resolution, to the ACHP. The ACHP shall provide GDOT with its advice on the resolution of the objection within thirty (30) days of receiving adequate documentation. Prior to reaching a final decision on the dispute, GDOT shall prepare a written response that takes into account any timely advice or comments regarding the dispute from the ACHP, signatories and concurring parties, and provide them with a copy of this written response. GDOT will then proceed according to its final decision.
- B. If the ACHP does not provide its advice regarding the dispute within the thirty- (30) day time period, GDOT may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, GDOT shall prepare a written response that takes into account any timely comments regarding the dispute from the signatories to the MOA and provide them and the ACHP with a copy of such written response.
- C. The responsibility to carry out all other actions subject to the terms of this MOA that are not the subject of the dispute remain unchanged.

X. AMENDMENTS

This MOA may be amended when such an amendment is agreed to in writing by all signatories. The amendment will be effective on the date a copy signed by all of the signatories is filed with the ACHP.

XI. TERMINATION

If any signatory to this MOA determines that its terms will not or cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per Stipulation X, above. If within thirty (30) days (or another time period agreed to by all signatories) an amendment cannot be reached, any signatory may terminate the MOA upon written notification to the other signatories.

Once the MOA is terminated, work shall stop on the undertaking. Prior to work continuing on the undertaking, GDOT shall either (a) execute a MOA pursuant to 36 CFR § 800.6 or (b) request, take into account, and respond to the comments of the ACHP under 36 CFR § 800.7. GDOT shall notify the signatories as to the course of action it will pursue.

Execution of this MOA by the FAA, GA SHPO, the City, the County and the Authority, its submission to the ACHP in accordance with 36 CFR 800.6(b)(1)(iv), and implementation of its terms, is evidence that the FAA has taken into account the effects of this undertaking on historic properties and afforded the ACHP an opportunity to comment.

SIGNATORIES:

GRIFFIN-SPALDING COUNTY AIRPORT AUTHORITY

BY: _____ **DATE:** _____
Dr. Randy Peters, Chairman

CITY OF GRIFFIN, GEORGIA

BY: _____ **DATE:** _____
The Honorable Douglas S. Hollberg, Mayor

SPALDING COUNTY, GEORGIA

BY: _____ **DATE:** _____
The Honorable Gwen Flowers-Taylor, Chairperson

FEDERAL AVIATION ADMINISTRATION

BY: _____ **DATE:** _____
Larry Clark, Manager, ADO-FAA Southern Region

MOA-New Griffin Spalding County Airport
HP-091223-002
Page 6 of 6

GEORGIA STATE HISTORIC PRESERVATION OFFICER

BY: _____ **DATE:** _____
Dr. David Crass, Division Director, Deputy SHPO

INVITED SIGNATORIES:

GEORGIA DEPARTMENT OF TRANSPORTATION

BY: _____ **DATE:** _____
Russell R. McMurry, P.E., Commissioner



SPALDING COUNTY BOARD OF COMMISSIONERS Update on Lakes at Green Valley Location

Requesting Agency

County Clerk

Requested Action

Paragon Consulting to present concept plan and associated costs for location of Aquatic Center at The Lakes at Green Valley.

Requirement for Board Action

Is this Item Goal Related?

No

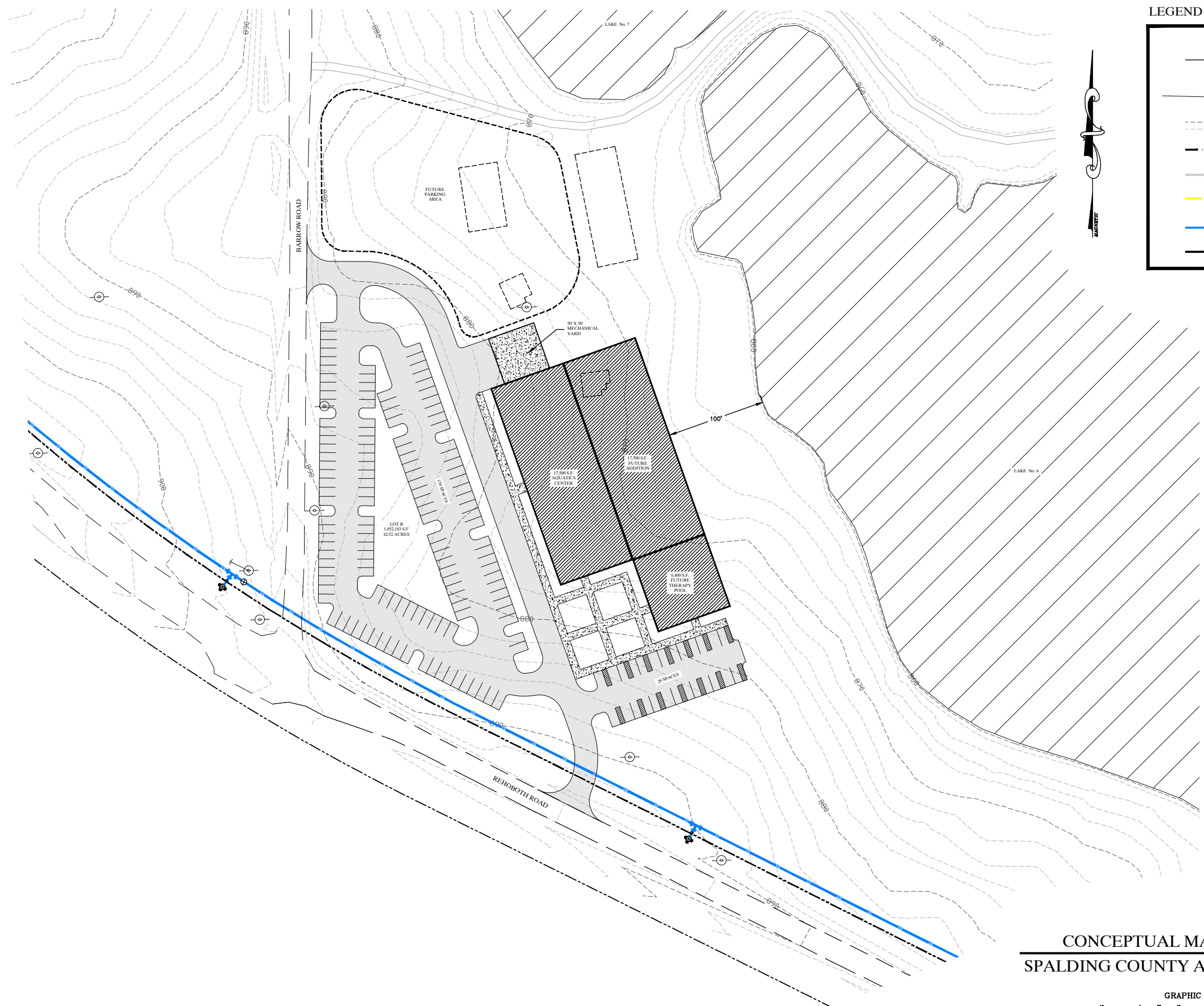
Summary and Background

Fiscal Impact / Funding Source

STAFF RECOMMENDATION

ATTACHMENTS:

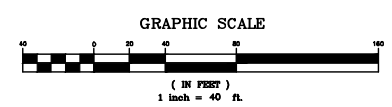
Description	Upload Date	Type
<input type="checkbox"/> Concept Plan	3/11/2020	Backup Material



LEGEND

	PROPERTY BOUNDARY
	OVERHEAD POWER
	EXISTING CONTOURS
	AT&T
	PROPOSED PHONE
	PROPOSED POWER
	PROPOSED GAS
	PROPOSED WATER MAIN
	SANITARY SEWER

CONCEPTUAL MASTERPLAN A
SPALDING COUNTY AQUATICS CENTER





SPALDING COUNTY BOARD OF COMMISSIONERS TOF for Pool Programming and Conceptual Design

Requesting Agency

County Manager

Requested Action

Consider approval of Task Order Form with Paragon Consulting for the Programming and Conceptual Design of an Aquatics Center.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Lyman Davidson Dooley, Inc. will perform the Programming and Conceptual Study as a subcontractor of Paragon Consulting Group, Inc. and we will be billed by Paragon for the actual costs submitted by LDD with now markup.

Fiscal Impact / Funding Source

SPLOST funded with a cost not to exceed \$19,300

STAFF RECOMMENDATION

Approval

ATTACHMENTS:

Description	Upload Date	Type
<input type="checkbox"/> TOF for Aquatics	3/13/2020	Backup Material

TASK ORDER FORM
SPALDING COUNTY AQUATIC CENTER
PROGRAMMING AND CONCEPTUAL STUDY
Project No. 20015.00
For
Spalding County
March 13, 2020

Paragon Consulting Group (PCG) has prepared this Task Order Form (TOF) in accordance with the Master Services Agreement. This TOF has been prepared to provide Project Management of the overall project as well as the Programming and Conceptual Study work for the proposed new Aquatic Center.

SCOPE OF WORK

Task 1-Project Management

This task includes management of the project as Prime and Project Administration.

Fee: will be billed on an hourly and expenses basis per our Master Services Agreement

Schedule: Task 1 will be coordinated with the overall scope and timeline of this TOF.

Task 2-Programming and Conceptual Study (LDD)

This task includes the scope of work described in the Lyman Davidson Dooley (LDD) Proposal dated March 11, 2020, attached as Exhibit 1.

Fee: \$19,300.00, lump sum

Schedule: See attached Exhibit 1.

FEE SUMMARY

Task 1- Project Management

Hourly and Expenses Basis

Task 2- Programming and Conceptual Study (LDD)

\$ 19,300.00, lump sum

Work requested outside of the above scope of work will be invoiced on a time and expenses basis in accordance with our current Unit Rates.

AUTHORIZATION

As our authorization, please sign in the space provided below.

Spalding County, Georgia

Paragon Consulting Group, Inc.

Signature: _____
William P. Wilson, Jr.
County Manager

Signature: Brian K. Upson
Brian K. Upson, PE
Principal

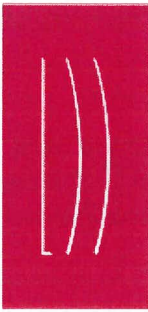
Date: _____

Date: 3/13/20

Attested by:
Spalding County, Georgia

Signature: _____

Date: _____



**Lyman
Davidson
Dooley, Inc.**

ARCHITECTS
INTERIOR DESIGNERS
PLANNERS

Proposal for:

**Programming and Conceptual Study for
Spalding County Aquatic Center
Spalding County, Georgia**

Date: March 11, 2020

**Client: Brian Upson, President
Paragon Consulting Group, Inc.
3 50 Airport Rd.
Griffin, GA 30224**

**Owner: Spalding County Parks,
Public Grounds & Leisure Services
843 Memorial Drive
Griffin, GA 30223**

**Architect: Lyman Davidson Dooley, Inc.
1640 Powers Ferry Road
Building One, Suite 100
Marietta, Georgia 30067**

Scope of Work:

It is the intent of Spalding County to construct a new aquatic center to serve County residents at a site to be finalized within the near future. The project's goal is to design a new multi-generational facility that will provide an environment for families and a place for the County to host swim meets. Lyman Davidson Dooley (LDD), working for Paragon Consulting Group (PCG), will work closely with our aquatic consultant, Water Technology Inc. (WTI), during the process to further understand the goals in detail.

The purpose of this proposal is to assist Paragon Consulting in providing programming and preliminary conceptual design to finalize the scope of work and a preliminary estimated budget for the project. Based on preliminary discussions between LDD, WTI and Spalding County that occurred in late 2018, we understand the project may include the following components:

- 8-lane competition pool
- 4-lane instructional pool with ramp
- Pool deck with seating for approximately 400 (spectators & swimmers)
- Support spaces (lobby, restrooms/locker rooms, office, lifeguard/first aid, mech/elect, and some storage)
- An outdoor spraypad that is 2,000-2,500 square feet (optional - future)
- Parking for 250-300 cars (number to verified by Paragon based on final design) (150+handicap)

LDD will provide design services including programming of aquatic and building components and any potential expansion in the future. Conceptual designs will need to remain diagrammatic in nature due to the lack of specific site where the project will be located since topography, entry location, and service access are critical in the function of this type of facility. LDD will work with Palacio Collaborative, our cost consultant, to develop preliminary budget for the building and aquatic portions of the project.



No other architectural, engineering or consultant services are included within this scope of work. If the project proceeds, Lyman Davidson Dooley will prepare an additional fee proposal for the full scope of the work including full aquatic, architectural, and engineering design services that will coordinate with PCG's proposal to Spalding County.

Programming and Conceptual Designs:

The Programming and Conceptual Design shall consist of the following:

- A. Based on detailed interviews with the client we will prepare an outline of the programmatic needs of the New Aquatic Center for the first phase and potential components to be included in any future expansions. This includes a trip to Atlanta for WTI to participate in the programming session.
- B. Assign functional square footages to the program and support spaces.
- C. Assign cost numbers to a preliminary budget of the estimated construction costs for the first phase and any future expansions.
- D. Prepare several diagrammatic, conceptual plans showing layouts of the pool(s) and any amenities based on the goals of Spalding County. This includes a trip to Atlanta for WTI to participate in the conceptual design session.
- E. Prepare an estimate of the Probable Construction Budget for the building and aquatic components to be used by PCG for developing a budget for the entire project.
- F. Assist PCG in analyzing site utility and parking needs to serve the new aquatic facility.

Deliverables for the Design Concepts:

Based on the approved Programming and Preliminary Concept Designs, the LDD team will prepare the following documents for inclusion in PCG's package for the Owner:

- A. Program Summary.
- B. Color Plans of a maximum of 3 Diagrammatic Concepts.
- C. Preliminary Building & Aquatic Budget Estimate.

Professional Services Fee

The proposed fee for professional services based on the scope outlined above shall be \$19,300 and shall be broken down as follows:

- | | |
|----------------------------------|---------|
| • Programing | \$8,300 |
| • Preliminary Conceptual Designs | \$9,000 |
| • Preliminary Budget Estimate | \$2,000 |

The above fees include standard reimbursable expenses for metro Atlanta travel and printing as well as the travel expenses for two (2) trips to Atlanta by Water Technology including airfare, lodging, and meals.

Additional Services

Additional Services are those services, or items of work, not included in the Scope of this Proposal. This work, when identified or required, will be brought to the attention of the Client and, with approval, will be carried out on an hourly basis at the scheduled billing rates identified below or an agreed upon lump-sum amount.

- A. Additional design services outside the listed scope of work.
- B. Providing services of professional consultants other than those included within this agreement.



- C. Providing detailed estimates of construction cost beyond Conceptual Design Phase.
- D. Preparation of 3D rendering of Final Conceptual design that can be utilized for fundraising purposes.

No additional services will be performed without prior authorization from the Client and Owner.

Billing

Invoices will be submitted monthly for work completed to date. Payment is due upon receipt of invoice. Payment not received within thirty (30) days of the invoice date may be assessed a late charge retroactive to the date of invoice. Payment of invoices shall not be subject to any discounts or set-offs by the Client unless agreed to in writing by the Architect. Payment to the Architect for services rendered and expenses incurred shall be due and payable regardless of any subsequent suspension or termination of the Agreement by either Party.

If payment is not received within thirty (30) calendar days of the date of the invoice then invoices shall bear interest at 1% per month of the PAST DUE amount per month, which shall be calculated from the invoice date. Payment thereafter shall first be applied to accrued interest and then to the unpaid principal regardless as to how the check is issued.

If the Client fails to make payments when due and the Architect incurs any costs in order to collect overdue sums from the Client, the Client agrees that all such collection costs incurred shall immediately become due and payable to the Architect. Collection costs shall include, without limitation, legal fees, collection agency fees and expenses, court costs, collection bonds, and reasonable staff costs at standard billable rates for the Architect's time spent in efforts to collect. This obligation of the Client to pay the Architect's collection costs shall survive the term of this Agreement of any earlier termination by either party.

Suspension of Services: If the Client fails to make payments when due or otherwise is in breach of this Agreement, the Architect may suspend performance of services upon seven (7) calendar days' written notice to the Owner. The Architect shall have no liability whatsoever to the Client for any costs or damages as a result of such suspension caused by any breach of this Agreement by the Client. Upon payment in full by the Client, the Architect shall resume services under this Agreement, and the time schedule and compensation shall be equitably adjusted to compensate for the period of suspension plus any other reasonable time and expense necessary for the Architect to resume performance.

If the Client fails to make payment to the Architect in accordance with the payment terms herein, this shall constitute a material breach of this Agreement and shall be cause for termination of the Agreement by the Architect.

Lyman Davidson Dooley, Inc. standard hourly billing rates for professional services through 2020 are outlined below:

Principal/Studio Director	\$185.00 per hour
Registered Architect / Sr. Interior Designer	\$165.00 per hour
Intern Architect / Interior Designer	\$125.00 per hour
Sr. Engineer	\$145.00 per hour
Engineer / Designer	\$125.00 per hour

CADD Operator	\$100.00 per hour
Staff Assistant / Administrative	\$ 85.00 per hour

These rates are applicable for Additional Services of the Architect. All Additional Services will be requested and approved in writing. Additional Services required of additional consultants will be billed at their basic hourly rates times a multiplier of 1.1 for coordination by the Architect.

All administrative time required for back-up information on invoices will be billed at our standard hourly billing rates.

Reimbursable Expenses

Reimbursable expenses are included in the lump sum fee proposal as noted above. Any additional expenses not associated with the normal execution of the project will be approved prior execution of the task. Reimbursable expenses billed in the interest of the project are subject to the same payment requirements as the billings for professional services as stated above.

General Requirements

1. The Client or Owner will provide the Site Survey and Civil Engineering required for the Conceptual Design Phase of the Project.
2. It is understood that the Owner will provide, if requested, required testing reports, environmental impact studies, plats, legal descriptions, land costs, insurance requirements, boundary surveys, to the Architect in order for the services described above to be performed.
3. It is understood that the Architect will be given due consideration in any public listing of firms performing services on this project, with the Architect's name included in the graphic displays at the site or in the news announcements and promotional literature.
4. This Proposal is good for a period of sixty (60) days from the above date.
5. In providing services under this Agreement, the Architect will endeavor to perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.
6. In recognition of the relative risks and benefits of the Project to both the Owner, Client and the Architect, the risks have been allocated such that the Owner agrees, to the fullest extent permitted by law, to limit the liability of the Architect and Architect's officers, directors, partners, employees, shareholders, owners and subconsultants for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, including attorney's fees and costs and expert-witness fees and costs, so that the total aggregate liability of the Architect and Architect's officers, directors, partners, employees shareholders, owners and subconsultants shall not exceed the Architect's total fee for services rendered on this Project. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.
7. Drawings, specifications and schedules, as instruments of service, are the property of the Architect regardless of whether the project which they were designed for is executed or not. The Owner and Client may retain copies of the drawings, specifications and schedules for information and reference in regards to the project but may not use them for any other project without prior written approval by the Architect
8. The Architect agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its officers, directors and employees (collectively, Client) against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, to the extent



caused by the Architect's negligent performance of professional services under this Agreement and that of its subconsultants or anyone for whom the Architect is legally liable. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Architect, its officers, directors, employees and subconsultants (collectively, Architect) against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, to the extent caused by the Client's negligent acts in connection with the Project and the acts of its contractors, subcontractors or consultants or anyone for whom the Owner is legally liable. Neither the Owner, Client nor the Architect shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence or for the negligence of others.

9. Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the Client nor the Architect, their respective officers, directors, partners, employees, contractors or sub-consultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or to this Agreement. This mutual waiver of consequential damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation and any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract and breach of strict or implied warranty. Both the Client and the Architect shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this project.
10. This agreement and its terms and conditions shall be binding to the successors of the development entity and all of its partners
11. It is understood that this agreement may be terminated by either party upon seven (7) days written notification. If this should occur, Lyman Davidson Dooley, Inc. shall receive all compensation for service and reimbursable expenses rendered to date.

Thank you for the opportunity to submit this formal proposal as a follow-up to our phone and email conversations. If it meets with your approval please sign a copy and return it to our office. We look forward to working with you and Spalding County on this project.

Sincerely,

Lyman Davidson Dooley

Dave McCauley, AIA

Director of Recreation Studio / Principal

Paragon Consulting Group

Authorized Signature



SPALDING COUNTY BOARD OF COMMISSIONERS BMX Use at Spalding County Skate Parks

Requesting Agency

County Clerk

Requested Action

Consider recommendations from Spalding County Leisure Services regarding request to use of BMX bicycles at Spalding County Skate Park facilities.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

Spalding County Parks and Recreation have coordinated with our insurance carrier and will make recommendations regarding this request.

Fiscal Impact / Funding Source

STAFF RECOMMENDATION

Leisure Services and Parks Staff have recommended that we not allow the use of BMX bikes at our skate park facility.

ATTACHMENTS:

Description	Upload Date	Type
<input type="checkbox"/> Email Recommendation from Kelly Carmichael	3/9/2020	Backup Material
<input type="checkbox"/> Email Recommendation from T.J. Imberger	3/9/2020	Backup Material
<input type="checkbox"/> Guidelines for Public Skate Park Facilities	3/9/2020	Backup Material
<input type="checkbox"/> Design And Guideline Standards	3/9/2020	Backup Material

From: Kelly Carmichael
To: William Wilson Jr.; "Stephanie Winhdham"; Jim Fortune; Thomas J. Imberger
Cc: Jinna Garrison; Miles Neville; Michelle Irizarry; Kathy Gibson
Subject: RE: BMX USE at SKATEPARK Response from Liberty Mutual Insurance Co
Date: Tuesday, March 3, 2020 2:44:12 PM
Attachments: image003.png
image005.png
image006.png
image007.png
image008.png
image009.png
image002.png
image001.png

Good afternoon.

Knowing most of the history of the park and then reading the provided documentation I would not recommend changing park rules to permit BMX bicycles.

I think it will increase incidents and accidents among users. While the individual pieces of equipment (some of them moveable) may be designed for skaters and cyclist, the layout and design of this small park may not accommodate both. If we change the usage rule, we would then be saying we endorse its multi-use and perhaps increase county liability. Additionally, we have no staffing to manage a multi-use schedule or any other mandated rules at this site.

Kelly Carmichael, CPRP
Manager
Spalding County Leisure Services
770-467-4750
kcarmichael@spaldingcounty.com
www.spaldingcounty.com

Spalding



From: William Wilson Jr. <wwilson@spaldingcounty.com>
Sent: Monday, March 02, 2020 1:32 PM
To: Kelly Carmichael <kcarmichael@spaldingcounty.com>; "Stephanie Winhdham" <cswindham@beckowen.com>; Jim Fortune <jfortune@beckowen.com>; Thomas J. Imberger <timberger@spaldingcounty.com>
Cc: Jinna Garrison <jgarrison@spaldingcounty.com>; Miles Neville <mneville@spaldingcounty.com>; Michelle Irizarry <mirizarry@spaldingcounty.com>; William Wilson Jr. <wwilson@spaldingcounty.com>; Kathy Gibson <kgibson@spaldingcounty.com>; William Wilson Jr. <wwilson@spaldingcounty.com>
Subject: FW: BMX USE at SKATEPARK Response from Liberty Mutual Insurance Co

All:

We need responses from both TJ and Kelly on the questions regarding design, separated or combine usage, recommended equipment, signage, rules, warnings and inspections and maintenance.

Please reply to all and if needed we can have a meeting to make a formal recommendation to the BOC at the March 16 meeting.

Thanks,

Wm

William P. Wilson, Jr.
County Manager
Spalding County, GA
770.467.4224 direct
770.467-4227 fax
wwilson@spaldingcounty.com

Spalding

"Whatever can be done another day can be done today."

From: Debra Howard <debra@milleniuminsuranceinc.com>
Sent: Monday, March 2, 2020 10:48 AM
To: Thomas J. Imberger <timberger@spaldingcounty.com>; William Wilson Jr. <wwilson@spaldingcounty.com>; Michelle Irizarry <mirizarry@spaldingcounty.com>; Jinna Garrison <jgarrison@spaldingcounty.com>; Kathy Gibson <kgibson@spaldingcounty.com>; Miles Neville <mneville@spaldingcounty.com>
Subject: BMX USE at SKATEPARK Response from Liberty Mutual Insurance Co

Good morning,

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However, they did provide detailed information of controls to put into place before moving forward with this idea....

There is a reoccurring theme through out the response:

" COUNTY LEGAL COUNSEL NEEDS TO WEIGH IN ON THIS ISSUE AS WELL AS THEIR RISK MANAGEMENT DEPARTMENT AND FACILITY DESIGN DEPARTMENT."

Below are guidelines to consider as you create this option for Spalding County:

There is an issue with shared use with BMX freestyle riders. The park was built 12 years ago so the design may not accommodate the BMX riders.

*There could be a situation where the skate park is not capable of handling the wear and tear with BMX bikes and the damage may not be covered under the existing warranty. (If a skate park has **not** been specifically designed for **BMX bike** use there has been significant damage associated with their use. The PSI (density) of the concrete and the thickness of the metal coping must be enhanced to withstand regular **BMX bike** use)*

From a risk management standpoint it would be great to find out what the county is doing to reduce risk with operating the Skatepark.

Here is some information on blended use

Blended Use Considerations

While designing the park, the issue of bicycles at the park may have to be considered since there are many bicycle users. Bicycles are heavier and have pegs that can damage the equipment. Depending upon the equipment and design, BMX bicycles might be permitted at the facility, but consult with the designer and manufacturer.

Allowing bicycles may necessitate a larger or separate facility. If bicycles are permitted, then hours may have to be designated because the mix of skaters and freestyle bikers might cause safety problems.

Remember, users on bicycles present a larger surface area, which increases the likelihood of collision when all other conditions remain unchanged.

(Some city or county parks do not allow BMX riders on the skatepark, but many do).

Ideally there should be a separate BMX park for this extreme sport that way you don't have conflict with the skaters.

Other issues include supervision, inspections, posted rules, and assumption of risk

Supervision by county employees is not recommended since it would imply enforcement of safety rules

Supervision

The question of whether or not supervision should be provided at skate parks is often debated. In terms of protection against liability it is better to **not** provide supervision at skate parks because it implies that a municipal representative would be enforcing safety rules, thus nullifying the “skate at your own risk” warning that should be posted.

Inspections should be conducted and documented. Monthly inspections recommended

Inspections & Maintenance

Included in all inspections should be any walking or standing surfaces, fencing, steps, handrails, spectator areas, and/or any construction deficiencies. Perimeter areas such as sidewalks, parking areas, driveways, etc. should be inspected periodically for any deterioration that may contribute to trip and fall injuries.

Studies show that 50% of the injuries occur with an uneven surface

Rules & Regulations

Well thought-out rules should be established and posted in a conspicuous location. Clearly state which recreational activity for which the facility is designed. If the facility is meant for skating, rollerblading and biking, then signage, accident report forms, applications, waivers and other documents should have the wording to include all intended activities.

Protective Equipment

It is sensible to recommend the use of safety equipment when using the skating facility, especially for younger or inexperienced skaters. This equipment should include, but is not limited to, the following: **appropriate skateboard that is in good working condition, helmet, knee and elbow pads, and proper shoes.** Protective equipment will help reduce injuries. The most important feature to look for in protective equipment is comfort, design and function. The equipment should not interfere with the skater's hearing, movement and/or vision.

Warnings & Safety Notices

Warning signs should be employed to notify users of their assumption of risk when participating in activities that can result in serious injury or death. Warning sign should be printed in large print on material that is not easily damaged, defaced, or worn. Warning signs should be posted in a conspicuous location. Consideration should be given to providing signs in languages other than English in areas where specific languages are common first languages of the population.

Studies have shown that 1 out of 3 injuries occur with skaters during the first two weeks they participate in the sport.

- I really like the County of Los Angeles Department of Parks and Recreation Planning and Development Agency Park Design and Guidelines and Standards Manual. It's in the second attachment. I'm only making you aware of this for future use. It doesn't address this specific issue.
- However, I did locate a website for the City of Sacramento (CA and state capital), that specifically prohibits bikes, including BMX bikes at skate parks. They have a park especially built for BMX riders. <https://www.cityofsacramento.org/ParksandRec/Parks/Specialty-Parks/Skate-Parks>
- Also, in Scottsdale, AZ they offer specific guidance, explain why with photos and prohibit the activity. <https://www.scottsdaleaz.gov/parks/skate-parks/faq/bmx-bikes-skate-park>

Why aren't BMX bikes allowed in the skate park?

Several cities have tried allowing BMX bikes in their skate park with mixed results. If a skate park has not been specifically designed for BMX bike use there has been significant damage associated with their use. The PSI (density) of the concrete and the thickness of the metal coping must be enhanced to withstand regular BMX bike use. Upgrading these items does increase the construction costs of a skate park. Cities that have allowed BMX bike use have seen damage to both the concrete and the metal coping, repairing the damage is very expensive. Please note the attached pictures from a skatepark in New Mexico:



We have also worked with our city's Risk Management department and discussed safety issues related to having BMX bikes, skateboarders and inline skaters all using a skatepark at the same time. Because BMX bikes can go faster, jump higher, have pegs, handlebars and pedals the impacts of a crash with another user may be much more severe. If Scottsdale can find a way to develop a park that allows BMX bike use it will mostly separate the user groups by setting a schedule for each group.

- This article on BMX and Scooters from the Public Skatepark Development Guide tries to present the issue (in my opinion) neutrally but I specifically want to call out this paragraph which I think is very telling: <https://publicskateparkguide.org/advocacy/bmx-and-scooters/>

BMX riders move through skateparks much faster than skateboarders, while scooters move slower. These differences in speed can increase the chance of collisions. The professional skatepark designer should be made aware that scooters and BMX riders will be invited to share the park. The designer will accommodate those users by reducing blind spots and areas that are only accessible to one type of user. (Pool-block coping, for example, is a point of contention between skaters and BMX riders as BMX pegs can chip the material and render it unusable to skaters.)

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After review of all of this here are my (Liberty Mutual) recommendations on how to proceed:

- The County has a lot of work to do past asking for our thoughts on this matter
- If this facility was not designed for mixed use the facility needs to be used as intended. (legal counsel should understand and promote this)
- If the municipality wants to consider the possibility of mixed use, they need to involve design professionals to review and certify this use and modify, if necessary to accommodate. Consideration on expense involved the possibility of building a BMX park may be in order if modifying or retrofitting or restricting use and users presents an issue.
- You want to see the county's legal counsel, park and rec people and risk management weigh in an opinion on this and determine if everyone is on board

- If this facility can accommodate the dual (and possibly triple use with scooters) you want to see the users separated either in sections of the park or allowed specific times for usage. I would not recommend sharing use of the facility at the same time with all users.

Again to emphasize the county's legal counsel needs to be involved because this issue could generate disputes.

.....

As you can tell, this is not a simple yes/no answer. There are many considerations/discussions to be made to prepare for this. It is recommended the County involve Park and Rec, county attorney, and Elizabeth Warren loss control advice during the discussions.

TJ has advised the skate part was originally designed to be a combined facility with BMX and skating. The park is 12 years old...I am unaware of the accumulation of wear and tear after 12 years of skating and skateboarding....

This is food for thought... Let me know your questions/thoughts...

Debra

Debra Howard
Millenium of Griffin Insurance Inc
Account Executive
1341 W Solomon St
Griffin GA 30223
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From: Thomas J. Imberger
To: Debra Howard; William Wilson Jr.; Michelle Irizarry; Jinna Garrison; Miles Neville
Subject: Re: BMX USE at SKATEPARK Response from Liberty Mutual Insurance Co
Date: Tuesday, March 3, 2020 11:34:52 AM
Attachments: image004.png
image018.png
image019.png
image020.png
image021.png
image022.png

All

I had a discussion with Kelly this morning after reviewing this email together. I will clarify that even though the original design did utilize the same equipment and concepts used for BMX usage. The new addition did not consider mixed use as we were tasked to build a "skate" addition, even though the equipment used is generally crossover equipment. This being said we could not commit to the thought process that the entire facility is design suitable for BMX usage. It appears this would be excellent subject matter for future Impact Fee or SPLOST project related to a linear BMX design pump track and / or urban BMX setting.

TJ Imberger
APRR, CPSI
Director of Parks, Public Grounds and Public Works
Spalding County, Georgia
Parks and Public Grounds – 770-467-4750
Public Works – 770-467-4774

From: Debra Howard <debra@milleniuminsuranceinc.com>
Sent: Monday, March 2, 2020 10:47 AM
To: Thomas J. Imberger <tjimberger@spaldingcounty.com>; William Wilson Jr. <wwilson@spaldingcounty.com>; Michelle Irizarry <mirizarry@spaldingcounty.com>; Jinna Garrison <jgarrison@spaldingcounty.com>; Kathy Gibson <kgibson@spaldingcounty.com>; Miles Neville <mneville@spaldingcounty.com>
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Massachusetts
MIIA
Interlocal Insurance Association

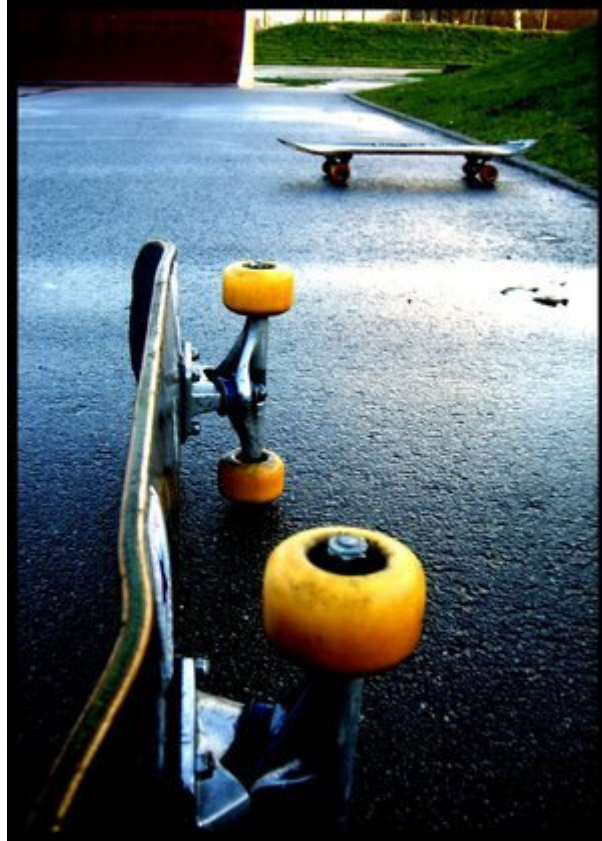


***GUIDELINES FOR PUBLIC
SKATEBOARD FACILITIES
2008 EDITION***

Guidelines for Public Skateboard Facilities 2008 Edition

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Part I: Background



Introduction

The purpose of this publication is to assist the members of the Massachusetts Interlocal Insurance Association (MIIA) with managing the risks associated with providing a public skating facility for your residents. These risks may include the potential for a liability claim or lawsuit resulting from an injury that may occur on your property as well as the potential for a property claim due to vandalism or weather event. These guidelines will also help you to understand your responsibilities as a landowner and your requirements under the law to protect the public.

The sport of skateboarding is more popular now than ever. As with any recreational activity, the inherent risk at a skate park is evident. Many skateboarders would argue that their sport is not any more or less dangerous than any other physical contact sport. Given injury statistics this may be true. However, since the municipality is often providing the property as well as the insurance coverage it is their duty to ensure that all precautions are taken and that the facility is properly maintained.

Skateboarding Facts

There are 12.4 million skateboarders in the US, according to market research firm *BoardTrac*, meaning that a 4.3% of American citizens are skateboarders.

Participation in skateboarding is up 36% since 1997.

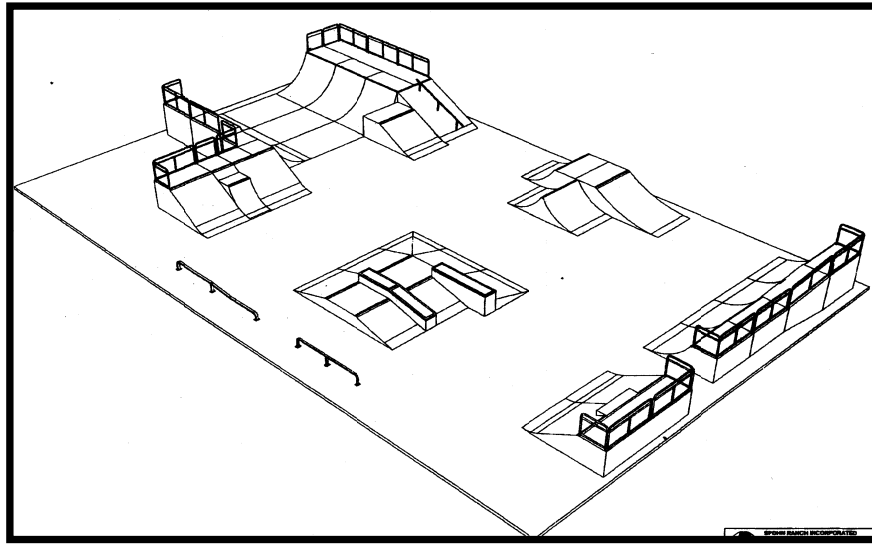
Skateboarding is growing faster than mountain biking, golfing, and 50 other sports tracked by the National Sporting Goods Association.

Recent statistics from NEISS show that the rate of skateboard-related injuries continues to increase more quickly than the number of new entrants to the sport.

Between 1998 and 2001 injuries increased by an average of 16,500 per year.

In 2001, more than 100,000 people, ages 7 years and older, visited an emergency department for skateboard-related injuries.

Part II: Designing a Park



Design Considerations

The design of the skate park will have a significant impact on its success and its problems in the future. The skating facility should be designed and constructed with a commitment to reducing the risk of injury to its users and to reduce the liability exposure to the local government. The purpose of the skating facility, park, ramp, or “area” should be to give skaters a safer alternative to skating on streets, sidewalks, and in parking lots.

Based on MIIA’s experience with its members, the involvement of the user group is crucial to the park’s chances of success. Without skater involvement, the park may be ill-designed and result in little use of the park. There are designers and manufacturers with experience with skate park sports and equipment and carry product liability and other related insurance coverage. The municipality should obtain a commitment from the contractor indicating that the facility meets any Consumer Product Safety Commission (CPSC) or American National Standards Institute (ANSI) standards, if applicable. If possible, obtain an indemnity agreement from the contractor.

Although MIIA doesn’t oppose their use, it is not advisable for an entity to construct ramps on its own, using free ramp plans from the Internet or those purchased from someone. Generally, these obstacles in the plans are all wood, which do not hold up well under the typical usage that a town/city park would experience. Subsequent maintenance and liability issues will likely arise with substandard equipment.

IIIA should be notified prior to the opening of any new public skating facility. A loss control consultant will be assigned to inspect your facility. Insurance coverage may be jeopardized in the event the municipality fails to notify MIIA or comply with loss control recommendations, as there are specific endorsements required for coverage of skating facilities.

The ideal location for a skating facility is in a park with access to restrooms, telephone, drinking fountains, bike racks, trash receptacles (non-movable) and shade. The facility should be well-lit if open after dark and highly visible to town/city personnel such as police or parks employees. The facility should also be easily accessible for emergency vehicles.

In the design process, take into consideration skaters’ differing abilities. Since younger children have not developed the bone structure as older children, the risk for injury to younger children is greater. Therefore, depending on skill level, younger children should be limited to using more basic equipment. If possible, the facility should be divided into areas designated for beginners and more experienced skaters. Structures such as ramps 3 feet or less in height are generally safer than taller ramps. In general, ramp height should be limited to no higher than six feet in open public skate parks since most skaters will not have the abilities to skate such ramps.

A park designer can assist with creating a park that will have different areas for different skating abilities.

Skateboard runs should be clearly labeled as to degree of difficulty. Children younger than 10 years of age should not use the skate park without a parent or guardian. The American Academy of Pediatrics recommends that children younger than 10 years old should not use skateboards without close supervision by an adult or responsible adolescent. Children younger than 5 years old should not use skateboards. Younger children have a higher center of gravity, their neuromuscular system is not well developed, and they are not sufficiently able to protect themselves from injury (American Academy of Pediatrics, “Skateboard and Scooter Injuries”, Pediatrics, March 2002).

There are generally three types of skateboarding structures: half-pipes, bowls and street skating features. Each type of skating is different and design must be carefully considered. The skater involvement in the selection of structures is very important to make sure they are challenged enough to continue using it.

Construction

There are various materials being used in skate park obstacle and ramp construction. Obstacles utilizing wood or masonite over wood may be subject to deterioration caused by temperature change, rain, and heavy use. Time and money spent repairing such items may be substantial. Items made out of steel, concrete, or composite materials over a wood or steel frame might be better suited for your environment, despite the higher initial costs.

Obstacles made of steel are durable and movable. The skating surface can be precision-engineered 12-gauge steel, with a textured surface applied to the steel surface in order to give riders grip. However, steel is considered noisier than other skating surfaces.

Composite materials with steel framing combine advantages of wood, plastic and metal into one material. The surface is typically laminated or screwed on to base layers of wood, plastic or steel. These materials provide a good smooth skating surface that stands up quite well to typical rider use. These materials may be resistant to weather and high usage. However, the surface may have to be replaced periodically as part of normal maintenance.

Concrete is durable, but may be more costly, depending upon the size of the park. Larger concrete parks may be more economical than large modular parks. Site selection and design are very important. If concrete is utilized, keep in mind that construction crews should be experienced. Edges and concrete work must be done with the skating application in mind. Municipalities throughout the country have experienced problems associated with concrete construction, including bowls that were built without drains, resulting in water in the bowls, often rendering them useless.

Even with excellent design, inadequate construction can ruin a project. Designers and manufacturers have more information on materials and construction, including product warranties and maintenance recommendations.

It is important to remember that when selecting materials, consider maintenance and operations costs in addition to initial capital costs.

Carefully review the advantages and disadvantages of materials with your skate park consultant. Consideration should be given to providing handrails, intermediate rails, side rails and/or toe boards for those pieces of equipment over four feet in height that have platforms. If kickboards and/or steps are provided, these should be painted in a contrasting color to help alert visitors of potential trip and fall hazards. Sharp angles and edges next to the platforms on ramps should be constructed with curved railings. Ramp platforms over four feet in height should have 42-inch high side and back protection with a mid-rail capable of sustaining a force of two hundred pounds applied in any direction. Exterior access such as a stairway with a handrail to the platform might be added.

The placement of modular equipment is very important to skaters, and it is a good idea to seek feedback from skaters of all ability levels. Refer to carefully researched design of the park layout. Once larger ramps or pieces of equipment are in their permanent positions, consideration should be given to anchoring these pieces in place. Bolt extensions should be limited to no more than two threads and covered with an acorn-style bolt nut. Equipment should be arranged so that it does not interfere with other skating maneuvers.

The joining of skating equipment should only be done where recommended by the manufacturer. Joining of grinding rails should be discouraged due to potential gaps between the rails, unevenness of the pieces and the possibility of catching any skateboard or rollerblade wheel in the gap which may increase the likelihood of injury. Grinding rails and grinding platforms should also be secured so that they cannot be relocated to another section of the park or stolen.

Surfacing

Surfacing conditions are critical for both the rider's enjoyment and safety.

Concrete surfacing, typically found in bowl layouts, should be specifically formulated for use with skate wheels. Your design consultant or contractor should identify specific products appropriate for concrete surfacing.

Asphalt surfacing, typically found in neighborhood skateparks, should be smooth with no cracks, deterioration. Retired tennis courts under consideration for conversion to a skating facility should be paved and/or smooth coated.

Regardless of material, the skating surface should not present hazards that can jam wheels.

Layout/Environment

Skaters for Public Skateparks, a nonprofit advocate of public skating facilities provides *The Skatepark Adoption Model*. This model is a simple formula for determining the size of your skatepark. This helps you to determine the number of skateboarders in your community and how much terrain those skateboarders require, and some different ways of distributing that terrain to best serve the needs of the community.

The process is very simple. The statistics used in the Skatepark Adoption Model are pulled from U.S. research data and may be less accurate for other countries. The end result will be a skatepark recommendation tailored for your community.

1. Define Your Target Area

The area that you want to analyze is your target area. It might be a town, group of towns, zip code, etc. The formula is the same regardless of the size. It is better to choose a target area that is well defined rather than an area that is sometimes vague like a business district or a neighborhood. Census information works well and is accurate enough for the purposes of establishing your target.

Example: Marlborough, Massachusetts

Population of Marlborough is 38,000.

2. Apply the Skateboarder Percentage

According to 2000 market research analysis there were 12.9 million skateboarders in the United States. At that time there were 281.4-million people in the country. That means that 4.6% of the population in the United States are skateboarders. This reflects all of the casual skateboarders who ride once a month or less. Frequent skaters comprise about 25% of this group.

Take your target area's population and **multiply it by 4.6%**, (.046), to get an estimate of how many skateboarders are in your target area.

Skateboarders in Marlborough, MA = $38,000 \times 0.046 = 1,748$.

There are approximately 1,748 skateboarders in Marlborough.

You can find out how many of those skateboarders are regular riders by multiplying the total number of skaters by 25%, or .25. This level of detail is not required when determining your total skatepark need; it simply adds a degree of information that may be useful when talking about the composition of the local skateboarding community.

Regular Skaters in Marlborough, MA = $1,748 \times 0.25 = 347$

Of the 1,748 skateboarders in Marlborough, approximately 347 are regular skaters and 1401 are casual or occasional skaters.

3. Determine the Needed Terrain

Skaters for Public Skateparks have determined that the target area requires about 1.5 square feet of terrain, per skater. **MIIA recommends 2 square feet** of terrain.

Note: this doesn't hold true in very small samples, as eight skaters will not enjoy skating on a 4 by 4-foot square for very long, but it is a reasonable measure for communities with more than 200 skaters.

This measure also does not address the character of that terrain. The best skateboarding terrain is diverse and provides opportunity for a variety of tastes and skill levels. This step in the *Skatepark Adoption Model* is useful only for establishing a total amount of terrain...not the terrain style.

Multiply your total number of skaters by 2 to determine how much skateboarding terrain your community requires. The result can be rounded up or down to the nearest 100. This is the total skateboarding terrain need for your target area.

$$1,748 \times 2.0 = 3,496$$

Skateboarders in Marlborough, MA require 3,500 square feet of skateboarding terrain.

Skateboarders for Public Skate Parks have determined that the 1.5 square foot factor takes into consideration the number of skaters in a community likely to be skating simultaneously at peak periods during a week. Special conditions may produce more terrain need than the 1.5 factor delivers. For example, a community's skating facilities will likely be over capacity on the first sunny day after a streak of bad weather. For this reason, MIIA recommends using a factor of 2.0.

4. Distribute the Terrain

Larger communities will clearly have a greater skatepark need. Use of this model among larger communities may result in what would appear to be an absurdly large skating facility, however it is important to remember that this is the TOTAL amount of terrain that can be distributed across several skating facilities.

The nation's largest skateparks today are about 40,000 square feet. The smallest skateparks are single structures. Each community's characteristics should be considered when determining the number and sizes of skateparks. While it may be more expedient to develop a single large facility, skateparks distributed across the target area often better serve the local skateboarding community, as well as provide greater community access. If your recommended terrain is **10,000 or larger** you may consider distributing that total footage across more than one site in your target area.

If your recommended terrain was less than 8,000 square feet no distribution is necessary. A single facility should meet the target area's needs provided it is centrally located.

In our example, the City of Marlborough, MA should consider a single park approximately 70 feet by 50 feet.

5. *Scale the Skateparks*

In larger communities the total amount of skatepark terrain should generally be **divided by the number of neighborhoods** in the target area.

Smaller parks serve users with greater constraints on their time or mobility while the larger park captures those users seeking a full skatepark experience. These larger parks often have a regional draw. These parks are usually 20,000 square feet or larger and feature a full range of terrain styles. Site amenities such as bleacher seating, lights, restrooms, and should be considered.

Residential neighborhoods often have smaller skateparks often referred to as *skate spots*. Skate spots typically do not feature any of the site amenities found at regional parks (except for maybe a park bench, water fountain, and a trash can).

The largest parks are known as regional skateparks and the smallest are called skate spots. The "medium-sized" park between these extremes is known as *neighborhood skateparks*.

Neighborhood skateparks can be anywhere between 8,000 to 18,000 square feet. Neighborhood skateparks should feature a variety of terrain styles and cater to different skill levels.

Neighborhood skateparks should be adjacent to other community attractions such as playgrounds, ball fields, and retail shopping districts. The nation's most successful neighborhood skateparks are positioned in areas that serve other community needs and enjoy the benefits of pedestrian traffic and social contact with non-skaters.

Important Note: Regardless of the size of the skating facility, equipment or obstacles within the park should be placed with a clearance zone of at least six feet around each piece of equipment or obstacle. Clearance zones should be free of any obstacle or hazard that may interfere with the intended or unintended travel of users and/or skateboards.

Equipment

A wide variety of equipment is in use in public skating facilities. The design of skating obstacles is limited only by the imagination. Some home designs have been developed despite contradictions to laws of physics. Such equipment often finds its way into public skating facilities. Below is a description of the most popular obstacles found in public skate parks.



Quarter pipes are popular pieces of equipment found in skateparks throughout Massachusetts. The curved surface of a quarter pipe directs riders up and above the ramp, enabling riders to perform a trick and then land back onto the ramp and roll away.



Skate park *banks* are similar to quarter pipes but without the curved surface. Typically placed at the perimeter of a skatepark for riders to drop in, start a session or perform a technical trick.



Two quarter pipes, configured back-to-back without a deck make a *spine ramp*. A narrow ridge or spine is created at the top to provide users with an obstacle for performing challenging maneuvers.



Pyramids allow riders to change the direction of flow while doing a trick and generating speed. Rails and ledges are sometimes added to the top deck to create additional, challenging obstacles.



The *drop-in* is a multilevel obstacle typically consisting of a quarter pipe joined end to end with a bank ramp by a connecting mid-deck. This equipment can vary widely in length and width. It sometimes contains stairs, rails and ledges to offer a variety of riding experiences in one piece of equipment.



Launch boxes are two curved ramps connected by a raised platform. Launch boxes allow riders to approach from one side, catch air, land on the deck or fly over it. This is a popular piece of equipment found in Massachusetts skateparks.



Two quarter pipes, banks or combinations are arranged at 45- or 90-degree angles and connected by a shared deck to make a skate park ***hip ramp***. This shared platform helps redirect flow patterns and is popular among skateboarders.



Two quarter pipes facing each other with a flat bottom surface in between create a ***half pipe***. The half pipe allows riders maintain speed necessary to executing multiple tricks. .



Grind boxes are smooth flat platforms (with or without steel edging) designed for more advanced sliding and grinding tricks.



Styled after stairway rails, riders can finesse their balancing skills while grinding their way to the end. ***Grinding rails*** provide challenges for experienced and novice skateboarders. The rails are also used for jumping over. Several varieties of grind rails are present in Massachusetts skateparks.

Important Note: As stated in the *Layout* section of this part of these guidelines, equipment or obstacles within the park should be placed with a clearance zone of at least six feet around each piece of equipment or obstacle. Clearance zones should be free of any obstacle or hazard that may interfere with the intended or unintended travel of users and/or skateboards.

Blended Use Considerations

While designing the park, the issue of bicycles at the park may have to be considered since there are many bicycle users. Bicycles are heavier and have pegs that can damage the equipment. Depending upon the equipment and design, BMX bicycles might be permitted at the facility, but consult with the designer and manufacturer.

Allowing bicycles may necessitate a larger or separate facility. If bicycles are permitted, then hours may have to be designated because the mix of skaters and freestyle bikers might cause safety problems.

Remember, users on bicycles present a larger surface area, which increases the likelihood of collision when all other conditions remain unchanged.

Municipalities should carefully consider what modes of recreation will be permitted in the park. Inline and traditional roller skates, scooters, bicycles, and other recreational equipment with wheels will surely find their way into the park. MIIA does not oppose providing challenging recreational areas for these additional activities; however prudence should be exercised in determining what activities are permissible.

Part III: Operating a Skate Park



Admission/User Fees

It is strongly suggested that municipalities consider **not** charging admission or user fees for skate parks, and other recreational facilities. Charging fees for use of these facilities will eliminate the possibility of a “recreational use” defense in the event of a lawsuit or general liability claim.

Supervision

The question of whether or not supervision should be provided at skate parks is often debated. In terms of protection against liability it is better to **not** provide supervision at skate parks because it implies that a municipal representative would be enforcing safety rules, thus nullifying the “skate at your own risk” warning that should be posted.

However, it is still prudent if rules are being violated or if someone is acting in a way that could cause injury to another that action should be taken. You might also consider asking the police department to take notice of skating after hours.

Inspections & Maintenance

A MIIA Loss Control Consultant will conduct an initial inspection of skating facilities reported to MIIA for coverage. A detailed report containing written recommendations will be provided to the municipality. In response, the municipality should provide a written action plan to comply with recommendations in order to maintain adequate coverage. MIIA’s Loss Control team will work closely with MIIA members in bringing skate parks to recommended conditions.

Skating facilities begin to suffer wear and tear the moment they are installed. Skate park structures will suffer intense wear, regardless of construction or materials. “Maintenance-free” parks do not exist. MIIA members should develop an inspection and maintenance program for this and all other recreational facilities.

MIIA recommends monthly inspections performed by a competent person. These regularly scheduled checks of the facility for any visible hazards or repair needs should be documented. All documentation should remain on file in accordance with your records retention policies.

Included in all inspections should be any walking or standing surfaces, fencing, steps, handrails, spectator areas, and/or any construction deficiencies. Perimeter areas such as sidewalks, parking areas, driveways, etc. should be inspected periodically for any deterioration that may contribute to trip and fall injuries.

Special attention should be paid to riding surfaces as surfacing contributes to many skateboarding injuries according to a Consumer Product Safety Commission publication (CPSC Publication #93, “Skateboards”).

All maintenance and repair work should be documented as to the type of maintenance performed, the name of the employee performing the work, and the date completed.

Take care in removing graffiti. Check with the manufacturer of the equipment for appropriate products as some treatments may affect the smoothness (or stickiness) of the skating surface. For light cleanup, some entities provide a broom so that skaters can remove rocks, leaves, sand, and other debris that can interfere with the safe operation of skateboards.

Involve the users. They can help keep the park clean and report deficiencies.

Part IV: Risk Control



Rules & Regulations

Well thought-out rules should be established and posted in a conspicuous location. Clearly state which recreational activity for which the facility is designed. If the facility is meant for skating, rollerblading and biking, then signage, accident report forms, applications, waivers and other documents should have the wording to include all intended activities.

Rules should include, but are not limited to, the following:

Skate Park Rules

Hours of operation are _____ to _____ .

Helmets are required for all users ages 16 years and younger, per Massachusetts law. (M.G.L. 85 Section 11, as amended by Chapter 330 of the Acts of 2004)

It is strongly recommended that users wear to elbow pads and knee pads.

Younger or less experienced users should wear wrist supports and gloves.

Designated entrances and exits to skating areas should be used one at a time.

Only one skateboarder is permitted on a board at a time.

No bicycles, food, beverages, tobacco products, alcohol or drugs are permitted in this facility.

Children 10 & under must be accompanied by an adult.

Do not proceed down a ramp until it is clear of other skaters.

No outside ramps, jumps or other equipment may be brought into park.

No loud music or disorderly behavior.

No pets allowed in park.

Please dispose of litter in trash cans.

Infractions of rules may result in loss of skating privileges.

Portable ramps, rails or other skate equipment cannot be used at this park.

Graffiti and/or property defacement is not tolerated and will be prosecuted to the fullest extent of the law. (M.G.L. 266 Section 98A)

Have fun, be safe and respect your fellow skaters!

In the event of an emergency, call 911.

Rules should be printed in large print on material that is not easily damaged, defaced, or worn. In order to ensure that parents have received the rules you may want to provide copies of the rules at the park, in a mailer, or on the town's website. The rules should indicate what type of inclement weather conditions that would warrant the park being closed during hours in which the park would typically be open. Also the park rules should indicate what to do in the event of an emergency and who to contact to report the accident after emergency response has been summoned.

Waivers & Assumption of Risk

The use of waivers or assumption of risk forms should also be considered. Before using the facility, skaters and their parents or guardians may be asked to sign waivers or assumption of risk forms. Consult with an attorney familiar with your legal climate. Waivers may deter claims, but they might not be a defense in a lawsuit. Assumption of Risk forms may provide you with better protection. (See Appendices for a sample waivers and assumption of risk forms.) Always consult with legal counsel for review and approval of waivers and releases.

Protective Equipment

It is sensible to recommend the use of safety equipment when using the skating facility, especially for younger or inexperienced skaters. This equipment should include, but is not limited to, the following: **appropriate skateboard that is in good working condition, helmet, knee and elbow pads, and proper shoes.** Protective equipment will help reduce injuries. The most important feature to look for in protective equipment is comfort, design and function. The equipment should not interfere with the skater's hearing, movement and/or vision.

Warnings & Safety Notices

Warning signs should be employed to notify users of their assumption of risk when participating in activities that can result in serious injury or death. Warning sign should be printed in large print on material that is not easily damaged, defaced, or worn. Warning signs should be posted in a conspicuous location. Consideration should be given to providing signs in languages other than English in areas where specific languages are common first languages of the population.

Also: Any description of skating facilities on municipal websites should include warning language.

Sample Sign:

<p>WARNING:</p> <p>This facility is used by both experienced and inexperienced skateboarders. Serious injury may result from being hit by a skateboard, falling or colliding.</p> <p>The Town of _____ does not assume responsibility for injuries or damages to personal property.</p> <p>This facility is made available in accordance with laws governing recreational use <small>M.G.L. Chapter 21 Section 17c</small></p> <p>USE OF THIS FACILITY IS AT YOUR OWN RISK.</p>
--

Security & Access Control

Public skating facilities should be located in an area that is not susceptible to vehicular intrusion into skating area.

Skating facilities should be enclosed by a fence that is a minimum of six feet in height.

MIIA is aware that some skate parks are designed “into the landscape” and that fencing is not always aesthetically or functionally advisable. MIIA will always consider each park individual for levels of risk.

Access into the skating facility should be through a single, working gate that is able to be secured after hours of operation. It is recommended that parks contain a single entry way in order to safely channel users into the park. MIIA understands that design considerations should ultimately dictate the number of access points into the park.

Park should be secured each day after hours of operation and opened in the morning.

Monitoring park with closed circuit television systems should be carefully considered prior to such practice.

Critical questions to ask regarding the use of CCTV:

- What are we focusing on? Rule compliance? Illegal activity?
- Does this comply with the municipality’s CCTV policies and procedures?
- Are images being monitored remotely? 24/7? Recorded?
- Does monitoring CCTV mean we are “supervising?”

These are questions that municipalities should consult with legal counsel.

Part V: Accident/Incident Response



Accident Reporting

A process for conducting accident investigations should be identified so that if an accident or injury were to occur a timely corrective action can be taken if needed.

An accident report should be completed by the supervisor or person in charge of maintaining the skatepark. This should be a town/city employee.

This documentation should include:

1. Date
2. Time of day
3. Injured person's name, address and phone number
4. Name of the injured person's parent or guardian, if a minor child
5. Names and phone numbers of any witnesses
6. Complete description of the events and circumstances surrounding the accident or injury
7. Cause of the accident, corrective actions felt necessary that may prevent reoccurrence

All incident and accident reports should be kept on file.

In the event of an incident, you should notify MIIA immediately to file a claim. Report all claims or potential claims immediately, even if all details are not available at the time. By doing so, you will protect the coverage afforded you, assist us in conducting immediate and effective investigations, help to control potentially troublesome situations, and allow for timely involvement of legal counsel as appropriate.

Claims can be reported to MIIA via:

Phone Call to 800-526-6442

Fax to 781-376-9907

Online at <http://emiia.org/services/propliabreport.html>

Understanding Municipal Defenses

In the event of a liability claim municipal entities in Massachusetts are protected by several defenses and limitations on claim amounts. In regards to the use of skate parks the following rules apply.

MGL Chapter 258: Chapter 258 controls the lion's share of litigation filed against municipal defendants. This statute proscribes how, when and for how much a municipal defendant may be sued in claims of general negligence. Most general liability claims and all auto liability claims fall under MGL Chapter 258.

Among the major elements of Chapter 258:

- A strict requirement that any potential claimant must provide specific written notice of a claim (referred to as "presentment") to specifically identified municipal representatives within two years of the date of the incident. Failure to provide such written notice makes the claim susceptible to dismissal. The two-year presentment period is not tolled when the claimant is a minor. Even if the claimant is a minor, presentment must be made within two years of the loss or the claim is subject to dismissal. This requirement is independent of the three years statute of limitations, which applies to negligence claims in Massachusetts.
- Exemption of municipal employees from litigation: Under MGL Ch 258, individual municipal employees may not be named as defendants in litigation filed arising out of negligent torts. Only the municipality may be named as a defendant.
- Cap on damages: Chapter 258 specifies that a maximum of \$100,000 might be awarded against a municipality for any negligence claim. Death and significant permanent injury are included within this cap. The maximum amount payable for auto/general liability claims under Chapter 258 is \$100,000 per claim.

A complete copy of MGL Chapter 258 is available at www.state.ma.us/legis/laws/mgl/mgllink.htm.

MGL Chapter 21 Section 17C : Recreational Use Defense. This statute does not apply solely to municipalities, but because of the nature of municipalities, they are most likely to benefit from it. Chapter 21 Section 17C is most commonly known as the recreational use statute. This statute conveys immunity onto any landowner who makes his land available to the general public for recreation ***without charging a fee***. Claims for injuries at playgrounds, gymnasiums and other public venues are most frequently defeated by use of this statute. Case law has broadened the application of this statute to sporting arenas, streets and ways approaching sporting arenas and class of participant (e.g., if the municipality is charging admission but does not charge senior

citizens, although an admission fee was charged, if the senior citizen was not charged, he/she may not bring a claim.)

Therefore if a municipal entity were to charge a fee, depending on what that fee was used for, the entity could be forfeiting the defense under Recreational Use. Please consult your attorney prior to making any decisions regarding the charging of fees at skate parks.

A complete copy of MGL Chapter 21 section 17C is available at www.state.ma.us/legis/laws/mgl/mgllink.htm.

Part VI: Summary



Summary

It is our opinion that implementing the guidelines presented in this publication should reduce the potential for accidents. These recommendations are made from a loss control perspective. Understanding of incident causation, human risk-taking behavior, and recreational facilities, as well as analyses of claims and statistics were applied to create these guidelines.

Please note that these guidelines are not a substitute for legal advice. MIIA does not represent that these guidelines identify and address all of the unsafe or hazardous conditions associated with the operation of a public skating facility, nor do we represent that implementing our recommendations is the best possible solution, as facilities and activities vary.

Final language of any rules, signs, agreements, and/or waivers should be reviewed and approved by your legal counsel prior to implementation.

Part VII: Additional Resources



Additional Resources

Note: No claims can be made as to accuracy of the information at these sites or if the information applies to your entity's specific situation. Legal questions should be posed of your legal counsel. MIIA does not endorse any products provided by vendors. In addition, you might consider talking with another City or Town that has a skate park. Ask manufacturers and designers for references, preferably in New England.

www.spausa.org

The Skatepark Association of the United States of America assists individuals and cities interested in building skate parks. A skate park guide is provided free on the website.

www.socalskatepark.org

The Southern California Skate Park Coalition was developed as a regional forum for identifying concerns, sharing ideas and developing solutions related to the design, construction, and operation of municipal skate parks. The organization has helped people throughout the country.

www.nrpa.org

The National Recreation and Park Association conferences and magazine feature skate park designers and equipment manufacturers.

www.tonyhawkfoundation.org

The Tony Hawk Foundation supports free public parks through grants. The organization also provides technical assistance on design and construction, as well as promotional and training materials.

www.skatepark.org

This website promotes skating, including the building of skate parks. It is the website of *Skateboarders for Public Skateparks*.

www.iisa.org

The International Inline Skating Association provides information on inline skating in particular.

www.skateparkguide.com

This website offers a guidebook for sale that addresses concrete skate parks.

www.skateboardiasc.org

The International Association of Skateboard Companies provides information, along with links to companies and other organizations.

In addition, there are many companies design skate parks, manufacture skating ramps and other features, too many to list. Some of these companies are affiliated with playground equipment manufacturers.

Part VIII: Appendices

SKATEBOARD/IN-LINE SKATER ASSUMPTION, WAIVER AND RELEASE

IN CONSIDERATION of receiving permission from the Town of _____ (hereinafter sometimes called Town) to enter upon the premises known as the facilities, the receipt of such permission being hereby acknowledged, and in the further consideration of receiving permission to participate and utilize said skateboard/in-line skate facilities, the receipt of such permission being also acknowledged, the undersigned participant and his or her parents, if he or she be under the age of 18 years, hereby releases the _____, its agents, officers, servants and employees, of and from any and all liability, claims, demands, actions, and courses of action whatsoever, arising out of or related to any loss, damage, or injury, including death, that may be sustained by the participant, or any property of participant or participant's parents, while in, on, upon or near these premises.

Both participant and participant's parents are duly aware of the risks and hazards inherent upon entering said premises and/or in participating in skateboarding/in-line skating activities at the subject premises, and hereby voluntarily elect to enter -- or have their children enter -- upon said premises and participate in skateboard/in-line skate activities thereon, knowing the present condition of the facilities and knowing that said condition may become hazardous -- or more hazardous, or dangerous -- or more dangerous during the time that the participant is on the premises or continues to, from time to time, use the facilities. The participant, and/or his parents if participant is below the age of 18 years, hereby voluntarily assumes all risks of loss, damage, or injury, including death that may be sustained by the participant or participant's parents or any property of either, while in, on, near or upon the premises and/or skateboard/in-line skate facilities.

This waiver and release shall be binding upon the participant, his parents, their distributees, heirs, next of kin, and personal representatives.

In signing the foregoing Assumption of Risk, Release and Waiver, each of the undersigned hereby acknowledges and represents:

1. That the age affixed next to the participant's signature is his or her correct age, and that both participant and his or her parents (if signed below by parents) are of sound mind.
2. That he, she, or they, have read the foregoing Assumption of Risk, Release and Waiver, and sign below voluntarily.
3. That he, she, or they, know that by signing this Release, Assumption and Waiver, he, she, or they are giving up all rights resulting from participant's use of the premises and facilities which he and/or they have, have had, or may in the future have. THE UNDERSIGNED HEREBY UNDERSTANDS THAT THIS IS A RELEASE, and that the undersigned are hereby GIVING UP EVERY RIGHT THEY, SHE, OR HE HAS TO RECOVER FOR ANY INJURY, DAMAGE OR DEATH occurring as a result of use of the skateboard/ in-line skate facility.

4. That the participant and parents, (if their signatures are affixed below), in consideration of the _____ granting the permission heretofore described do hereby expressly stipulate and agree to indemnify and hold forever harmless the _____, its successors and assigns, against loss from any and all claims, demands, or actions in law or equity that may hereafter at any time be made or brought by the participant (be he or she a minor or not) or brought by anyone on behalf of said participant for the purpose of enforcing a claim for damages on account of any injuries received or sustained in consequence of the participant's actions on the premises or facilities.

WITNESS the hands and seals of the participant (and his parents if the participant is a minor) as

of the day and year first above written:

_____ Witness	_____ Participant Signature	_____ Age
	_____ Address	
	_____ Parent Signature	

Proof of age exhibited _____

Notary Clause (To be notarized if not executed in the presence of Recreation Department Personnel)

COMMONWEALTH OF MASSACHUSETTS, COUNTY OF, TO WIT: I HEREBY CERTIFY, that on this day, the _____th of _____, 20____,

before me, the subscriber, a Notary Public in and for the State and County aforesaid, personally appeared _____ and did acknowledge the foregoing Assumption, Release and Waiver to be his/their respective act.

AS WITNESS my hand and Seal.

Appendix B: MIIA Loss Control Team

IIIA Special Projects Manager: Jeff Siena

IIIA Senior Loss Control Consultant: Robert Marinelli

IIIA Senior Loss Control Consultant: David Labonte

IIIA Loss Control Consultant: Kevin Perkins

IIIA Loss Control Consultant: John Canty

IIIA Rewards Program Coordinator: Lin Chabra

IIIA Loss Control Administrative Assistant: Mary Ann Marino

IIIA President: Geoffrey Beckwith

IIIA Executive Vice President: Stanley Corcoran

IIIA Operations Manager: John Kelly

IIIA is located at 1 Winthrop Square, Boston, Massachusetts 02110

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County of Los Angeles

Park Design Guidelines and Standards



Department of Parks and Recreation
Planning & Development Agency



June 2014



COUNTY OF LOS ANGELES
DEPARTMENT OF PARKS AND RECREATION

"Parks Make Life Better!"

Russ Guiney, Director

John Wicker, Chief Deputy Director

June 30, 2014

Department of Parks and Recreation Park Design Guidelines and Standards

The County of Los Angeles Department of Parks and Recreation (DPR) would like to thank you for your interest in its Park Design Guidelines and Standards. The DPR is honored to oversee the County of Los Angeles (County) parks and recreation system which includes 70,137 acres of local and regional parks, lakes, trails, golf courses, cultural event facilities, natural areas, and botanic gardens.

Our mission at DPR is to create healthy communities through people, parks and programs by offering family-oriented and culturally informed, health, nutrition, exercise programs, and educational opportunities that work together to improve the quality of life for all Los Angeles County residents.

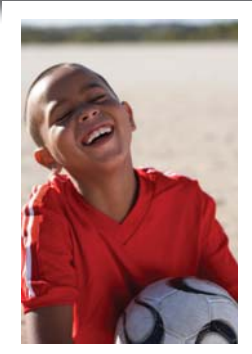
The Park Design Guidelines and Standards will provide our partners, design professionals and County staff with the tools necessary to deliver a consistent and high quality park design product.

The preparation of these Park Design Guidelines and Standards is a result of Department staff participation, peer review by County Departments and partnering agencies including non-profits and private development organizations representing a diversity of interests in County park design. DPR will review and revise this manual as necessary over time to embrace evolving park planning objectives and design criteria.

Accordingly, the DPR is pleased to present you with its Park Design Guidelines and Standards to continue the legacy of providing quality recreation experiences that are unique to the County of Los Angeles.

Sincerely,

Russ Guiney
Director



The Department of Parks and Recreation's Mission Statement

We will provide the residents and visitors of Los Angeles County with quality recreational opportunities that promote a healthy lifestyle and strengthen the community through diverse physical, educational and cultural programming, and will enhance the community environment by acquiring, developing and maintaining County parks, gardens, golf courses, trails and open space areas.

The Department of Parks and Recreation's Vision

"Our purpose is to improve the quality of life in Los Angeles County by providing responsive, efficient and high-quality public services that promote the self-sufficiency, well being and prosperity of individuals, families, businesses and communities."

We Create Community through People, Parks and Programs.

Acknowledgements

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Stan Lee	2nd District
Raymond E. Ojeda	3rd District
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William J. Korek	5th District

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Joe Mendoza	Deputy Director of South Field Agency
Jonathan Gargan	Deputy Director of North Field Agency
Hayden Sohm	Deputy Director of Regional Field Agency
Robert Maycumber	Administrative Deputy Director

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Perla Arqueta	Landscape Architect
Andy Lopez	Departmental Facilities Planner I
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Special Thanks

The Department wishes to thank the staff of the following organizations for their valued participation and contributions in making this document possible: County of Los Angeles Department of Public Works, Department of Regional Planning, Fire Department, Sheriff's Department, Department of Public Health, Internal Services Department, Community Development Commission, Office of Affirmative Action Compliance, and peer agencies including the Los Angeles Neighborhood Land Trust, Los Angeles Conservation Corps, and the Newhall Land and Farming Company.

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Introduction

1

The County of Los Angeles Department of Parks and Recreation (Department) owns and/or operates 69,547 acres of local and regional parkland. The local park system includes community parks, neighborhood parks, pocket parks, and open space nodes. The regional park system consists of regional parks, community regional parks, and special use facilities including; golf courses, cultural event facilities, nature centers, wildlife sanctuaries, and botanic gardens. In addition to the local and regional parks systems, the Department also develops and maintains multiuse trails.

The Department is comprised of five agencies responsible for planning, development, operations, and maintenance of the parks system. The Department's Planning and De-

velopment Agency is responsible for multiple functions related to the planning and design of recreation elements and facilities for the Department. These functions include environmental and regulatory permitting, land acquisition, water conservation and planning, facility planning, trail planning and architecture & design.

The Department's four field agencies are structured to facilitate each region of the County by operating the North County Community Services Agency, South County Community Services Agency, East County Community Services Agency and the Regional Facilities Agency. These Agencies are responsible for recreation programming, maintenance, capital projects, community outreach, construction administration, capital project liaison to the Department of

Public Works and all minor capital improvement projects in the County parks.

1.1 Project Goals and Purpose

The goal of the Park Design Guidelines project is to develop a common approach to the design of the County wide park system. The development of a Park Design Guideline manual will:

- Provide a guide for design professionals and field agency staff in the development of new parks and refurbishment projects.
- Provide guidelines for the implementation of sustainable practices.

The Park Design Guidelines will provide information in the following subject areas:

- Spatial Organization
- Site Layout
- Building Design
- Parking Lot Design
- Circulation
- Recreation Facilities
- Children's Play Areas
- Splash Pads
- Passive Recreation Areas
- Park Furnishings
- Landscaping
- Stormwater Management
- Utility Infrastructure



These guidelines will facilitate the Department in achieving the highest quality of design for capital improvement projects while fostering environmental stewardship in all aspects of parkland development.

The Park Design Guidelines support the mission of the County and the Department by implementing the County Strategic Plan goals adopted by the Board of Supervisors in 2009 which include;

- The County Goal of achieving higher efficiencies and greater energy and resource conservation.

The document also supports Department goals including:

Strengthen Community Cohesion

- By creating parks that provide gathering places, welcoming all residents to socialize, recreate, and share their lives, while providing a nurturing and safe environment for children and youth.

Create Community Partnership

- By creating parks that encourage the community in caring for the valuable resources found in our facilities.

Promote Staff Cohesion

- By assisting park staff in sharing a common vision that allows us to work enthusiastically toward the same goals and demonstrate professionalism in all we do.

Support Healthier Communities

- By creating parks that provide positive experiences that promote greater mental and physical well-being.

Demonstrate Environmental Leadership

- By creating parks that express principles of environmental stewardship by promoting environmental education, demonstrating environmental ethics, and providing stewardship opportunities for all.

Support Organizational Effectiveness

- By creating documents that provide clear policies, efficient procedures, and are clearly communicated.

1.2 Design Guidelines

The Park Design Guidelines include design criteria for the development of most park elements. The unique design considerations of the Department's Special Use Parks and facilities, such as: wilderness parks, nature preserves, botanical gardens, nature centers, multi-use trails, performing arts centers, dog parks, aquatics facilities, lakes, campgrounds, skate parks, golf driving ranges and golf courses will not be specifically addressed in this document. However, much of the design information contained herein is applicable to Special Use Parks and should be utilized in all park design.

Park Design Guidelines

2

2.0 Chapter Introduction

The Park Design Guidelines take a broad approach to providing information to be used in the design of all County of Los Angeles parks.

These guidelines will facilitate the County of Los Angeles Department of Parks and Recreation in achieving the highest quality of design for capital improvement projects while fostering environmental stewardship in all aspects of parkland development.

In addition to the design guidance included in this document, the Design Professional will be responsible for compliance to all regulatory and permitting requirements associated with a project, including, but not limited to:

- CEQA site constraints
- Land Acquisition constraints
- Americans with Disabilities Act (ADA) compliance
- County Code Compliance
- Regulatory Permitting requirements

2.1 Spatial Organization

Spatial organization is an important park design element. Care and consideration needs to be given to the use of each space, the relationship between activities and future expansion opportunities in a park.

Often indoor and outdoor spaces are programed for multiple functions and should be designed to allow for flexibility of use. Parks are multi-gen-

erational spaces and consideration of park user compatibility must be evaluated when determining the adjacency of site features.

These variables will be affected by construction cost, mechanical systems layout, user safety, site amenities and provisions for universal accessibility.

Thoughtful spatial organization encourages social interaction and user participation. This allows many diverse activities to occur simultaneously, while facilitating administrative visibility and control of the site.

The following spatial organizational principles are expressed (and illustrated) as typical criteria to describe how individual spaces complement one another to form functional areas, and how functional areas support

one another to form a cohesive site design.

2.1.1 Physical Access & Adjacency Compatibility

Physical access & adjacency compatibility gives consideration to requirements of safety (primary), compatibility, privacy, concentration of activities, ease of operations and administration.

- Activities shall be grouped to maximize desirable effects (accessibility, control of participants, multi-uses) or separated to minimize conflicts including noise and degree of physical activity.
- The placement of active and passive spaces shall allow for

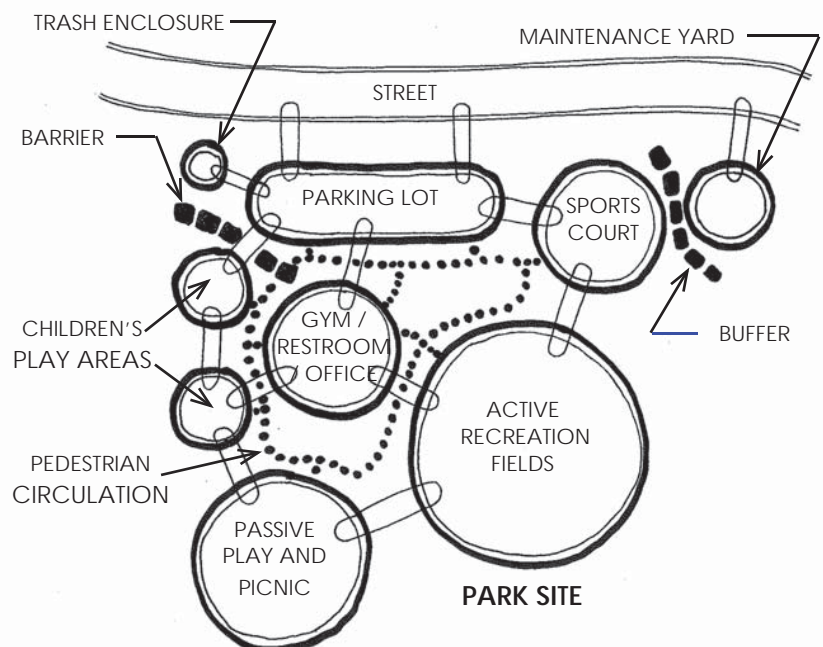


Exhibit 1: Park Adjacency Compatibility Diagram

the simultaneous occurrence of diverse activities and diverse user groups participating in both planned activities and free play.

- Sports activities, field lights for evening sports activities, large group gatherings, pools and gymnasiums are all potential sources of disturbance to the surrounding community. Consider all adjacencies when placing park features.
- Locate restroom buildings within a 150' radius of recreation fields and a 100' radius of children's play areas.
- Trash enclosures should be located at least 50' away from all buildings.
- Locate maintenance yards away from children's play areas.
- Screen maintenance yards from adjacent activities.
- Arrange activity areas to encourage casual interaction among users by introducing transitional areas for lounging

and providing visual access from one area into another.

- Locate facilities that draw the largest number of users such as gymnasiums, recreational centers, and pool facilities near or within view of established public transit routes. This encourages and facilitates alternative modes of travel to the programs and activities offered at the park facility.
- Locate parking facilities near major park site features to facilitate the park user, who may be carrying equipment and/or coolers to their destination.
- Locate on-site storm water management devices in non-pedestrian / non recreational areas.

2.1.2 Visual Access

Visual access from one area to another is an important consideration for administrative control. It is also important in maintaining park patron awareness of adjacent activities.

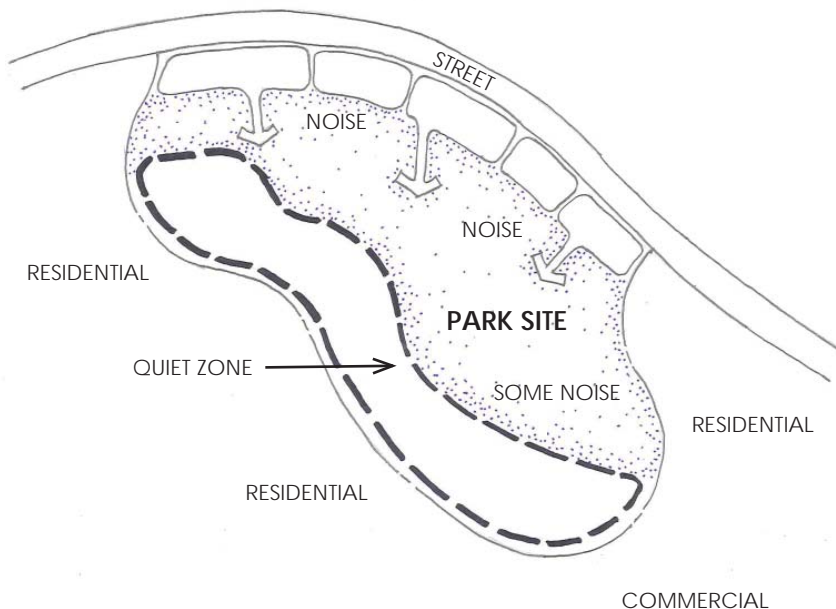


Exhibit 2: Acoustical Consideration Diagram

2.1.3 Acoustics

Care should be taken in the placement of park features that may generate disruptive noise by an activity. Care should be taken to locate activities to minimize the impact of adjacent park activities to adjacent land uses.

All projects shall comply with the County of Los Angeles Noise Control Ordinance.

2.1.4 Security and Safety

Provide consideration to safety and security during the site planning and design phase by understanding and utilizing the strategies of Crime Prevention Through Environmental Design (CPTED). The following strategies are recommended by Susan Manheimer, Chief of Police for San Mateo, CA.

NATURAL SURVEILLANCE

Natural surveillance increases the threat of apprehension by taking steps to increase the perception that people can be seen. Natural surveillance occurs by designing the placement of physical features, activities and people in such a way as to maximize visibility and foster positive social interaction among legitimate users of private and public space. Potential offenders feel increased scrutiny and limitations on their escape routes.

- Place windows overlooking sidewalks and parking lots.
- Use passing vehicular traffic as a surveillance asset.
- Create landscape designs that provide surveillance, especially in proximity to designated points of entry and opportunistic points of entry.
- Use the shortest, least sight-limiting fence appropriate for the situation.
- Use transparent weather vestibules at building entrances.
- When creating lighting design,

avoid poorly placed lights that create blind-spots for potential observers and miss critical areas. Ensure potential problem areas are well-lit: pathways, stairs, entrances/exits, parking areas, kiosks, bus stops, children's play areas, recreation areas, pools, storage areas, dumpster and recycling areas, etc.

- Avoid too-bright security lighting that creates blinding glare and/or deep shadows, hindering the view for potential observers. Eyes adapt to night lighting and have trouble adjusting to severe lighting disparities. Using lower intensity lights often requires more fixtures.
- Use shielded or cut-off luminaires to control glare.
- Place lighting along pathways and other pedestrian-use areas at proper heights for lighting the faces of the people in the space (and to identify the faces of potential attackers).
- All security and surveillance features will be subjected to review and input by the Sheriff's Department Parks Bureau in the design phase of a project to ensure that all security needs are properly addressed

NATURAL ACCESS CONTROL

Natural access control limits the opportunity for crime by taking steps to clearly differentiate between public space and private space. By selectively placing entrances and exits, fencing, lighting and landscape to limit access or control flow, natural access control occurs.

- Use a single, clearly identifiable, point of entry.
- Use structures to divert persons to reception areas.
- Use low, thorny bushes beneath ground level windows.
- Eliminate design features that provide access to roofs or upper levels.

NATURAL TERRITORIAL REINFORCEMENT

Territorial reinforcement promotes social control through increased definition of the space and improved proprietary concern. An environment designed to clearly delineate space creates a sense of the owner's and or stakeholder's common vested interest in that particular space. Natural territorial reinforcement is more likely to discourage crime because of the increased perception that the space is guarded.

- Display notice of security system at park access points.
- Place amenities such as seating elements or vending machines in common areas to attract larger numbers of desired users.
- Schedule activities in common areas to increase proper use, attract more people and increase the perception that these areas are being monitored.
- Implement territorial reinforcement measures to make the park users feel safe while making the potential offenders aware of a substantial risk of apprehension or scrutiny.

OTHER CPTED ELEMENTS

Maintenance and activity support aspects of CPTED were touched upon in the preceding narrative, but are often treated separately because they are not physical design elements in the built environment.

MAINTENANCE

Maintenance is an expression of ownership of property. Deterioration indicates less control by the intended users of a site and indicates a greater tolerance of disorder. The Broken Windows Theory is a valuable tool in understanding the importance of maintenance in deterring crime. Broken Windows theory proponents support a zero tolerance approach to property maintenance, observing that the presence of a broken window will entice vandals to break more windows in the vicinity. The

sooner broken windows are fixed, the less likely it is that such vandalism will occur in the future.¹

ADDITIONAL SECURITY FEATURES

- All visual overlooks must have an open unobstructed view of the park and have a 10' wide pedestrian walk for law enforcement accessibility.
- Decorative window guards, such as ornamental bars, screening or panels are recommended for enhanced security and shall be installed per the project facility program. Window guards must not impede passive surveillance.
- Security cameras are recommended for all staffed parks.
- Cameras shall be located per the project facility program with monitors located in the park office.
- Camera's shall record at the minimum frames per second required to be court legal.
- Provide a minimum of one week record time for the surveillance system.
- Where security camera infrastructure exists to the Sheriff's Department, security camera feed should be transmitted to the Sheriff's dispatch station.
- When gates and/or fences are proposed or required, use only openwork or transparent fencing and gates along corridors and trails to allow passive surveillance.

2.2 Buildings

Building design strategies can contribute to conservation efforts in a number of ways. Consideration should be given to remodeling instead of replacing existing buildings

¹ <http://www.sustainabledevelopment.org/AC2010/Handouts/FridayGeneral/Crime%20Prevention%20Through%20Environmental%20Design%20%20Manheimer.pdf>

wherever possible, building the minimum space necessary to satisfy the functional space requirements and designing multi-functional spaces. In addition, considerable electrical and thermal energy can be saved through building design that incorporates day lighting and other passive energy-conserving strategies appropriate to the local climatic environment.

2.2.1 Contextual Site Considerations

- All structures shall be sited to recognize, preserve and protect established major vistas.
- All structure designs shall consider the distinctive qualities and character of the surrounding architectural vernacular and incorporate those qualities into the design where appropriate.
- All structure designs and historical restorations shall be sensitive to environmental, cultural and historical context.
- All design of structures and park elements shall implement unifying architectural features such as re-

peating details, colors, and materials in these elements throughout the park. This strategy applies to a new park and existing sites.

- When locating a new park structure, consideration shall be given to site variables (size, shape, topography, orientation, views, and natural features) and climatic variables (severe or temperate).
- When designing a building addition, consideration shall be given to the building's spatial organization and site orientation. The addition shall be planned to support functional and site sensitive expansion.

2.2.2 Sustainability Considerations

- The Consultant shall perform an analysis of all new building construction and all roof replacement projects to determine the potential benefits of using photovoltaics or solar arrays.
- The Consultant shall perform an analysis of the US Green Building Council's (USGBC) "Leadership

in Energy and Environmental Design" (LEED) criteria as it applies to the design and construction of a building project.

- All new park buildings including those less than 10,000 square feet shall be designed to meet the criteria of U.S. Green Building Council LEED® Rated Silver Certificate for new construction.
- All park building remodels including buildings less than 10,000 square feet shall be designed to meet the criteria of U.S. Green Building Council LEED® Rated Silver Certificate for new construction.

2.2.3 Regulatory Considerations

- All park buildings shall be designed in accordance with all applicable jurisdictional laws and regulations.

2.2.4 Restroom Buildings

Restroom buildings are typically located in local parks, regional parks, and at primary trail heads.

Provide restroom buildings as directed by the project facility program.

SPATIAL CONSIDERATIONS

- Restroom buildings shall be visible and in close proximity to a parking lot and public street.
- The restroom building shall be visible and located within a 100' radius of children's play areas.
- The restroom building shall be visible and located within a 150' radius of active recreation fields.

AMENITIES

- Provide ample paving around the building perimeter for ease of accessibility and entry.
- The restroom building's exterior and interior walls shall be constructed of split-faced or precision block, with natural or painted surfaces, and coated with anti-graffiti finish.

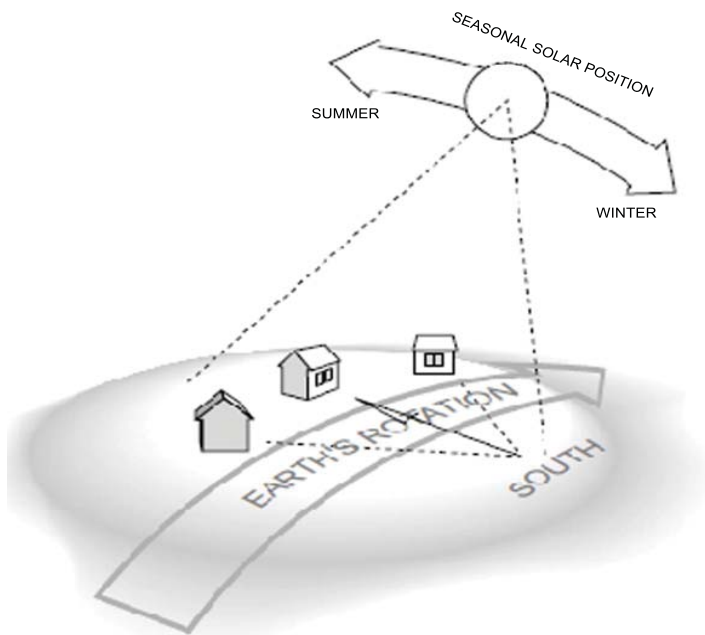


Exhibit 3: Building Orientation

The south face of a building receives three times more solar heat in winter than east or west facing sides. In summer, east and west faces receive the most solar heat.

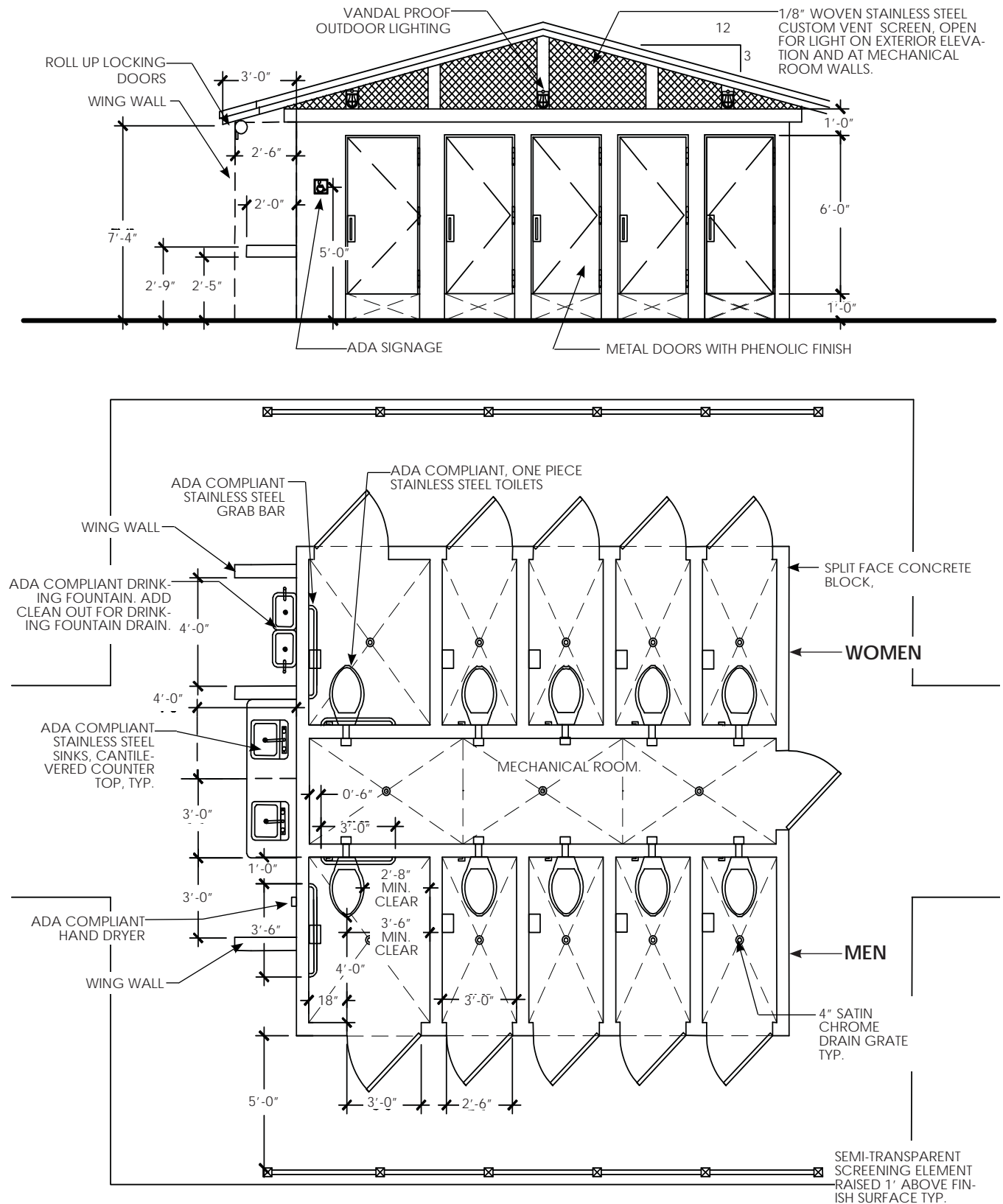


Exhibit 4: Preferred Restroom Building Layout Diagram (minimum 2 stalls)

- Concrete structural slab shall be installed per structural design and specifications.
- Roofs shall be constructed of steel seam metal.
- Ventilation and lighting shall be natural, wherever possible.
- Provide interior electrical overhead lighting with timers in all restroom buildings.
- Provide vandal resistant exterior security lighting for all restroom buildings.
- Provide floor drains in each stall.
- One standard and one Americans with Disabilities Act (ADA) compliant drinking fountain shall be located outside of each restroom building.
- Provide a minimum of two standard and one ADA compliant hand washing sinks outside the restroom building.
- All fixtures, including; sinks, toilets, handrails and surface hand dryers shall be stainless steel and vandal resistant.
- All hand dryers shall be electric dryers.
- Doors – 16 gauge steel, with self closing hinges and phenolic finish², hung one-foot (1') above finish floor.
- Plumbing – Water Service shall be Type L Copper (except areas in the North County where freeze conditions occur. In those areas, Type K Copper shall be utilized). Valve combo with cast iron or PVC, DWV, and stainless steel plumbing.

REGULATORY CONSIDERATIONS

- Provide fixture counts based on the current building code with a minimum of two (2) stalls, one (1) women's, one (1) men's. (See Exhibit 4: Preferred Restroom Building Layout Diagram).

² The restroom building shall comply with current building codes and ADA requirements.
http://www.engineersedge.com/finishing/phenolic_coatings.htm

with current building codes and ADA requirements.

2.2.5 Gymnasium Buildings

The gymnasium is intended to support indoor sports including basketball and volleyball. Additional large-venue, non-fitness events may also occur in the gymnasium.

Provide gymnasium buildings as directed by the project facility program.

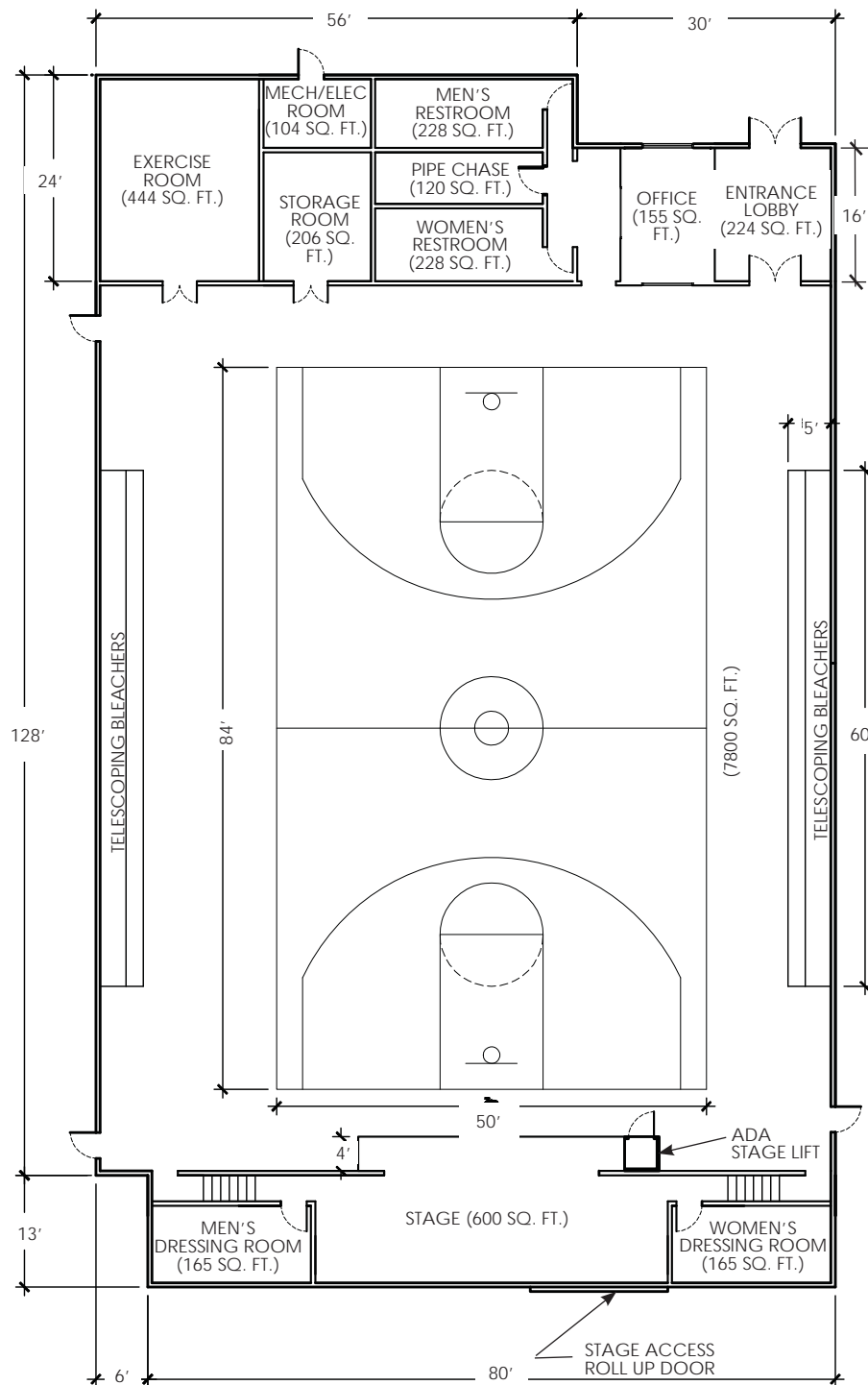
SPATIAL CONSIDERATIONS

- The gymnasium building shall be visible and reasonably close to a parking lot and public street.
- Provide an exterior gathering space in close proximity to the gymnasium entrance. Amenities in this space shall include; shaded seating, drinking fountains, bicycle racks and information kiosks. The size of these amenities shall be determined by the size and needs of the facility.
- Provide ample paving around the perimeter of the building for ease of entry and to prevent pedestrian paths of travel through planted areas and to prevent water infiltration into the building.
- The building perimeter paving shall have a minimum two-percent (2%) slope away from all exterior walls within the limit of the first ten feet (10') adjacent all buildings for positive drainage.
- The building perimeter un-paved areas shall have a minimum two-percent (2%) slope away from all exterior walls within the limit of the first ten feet (10') adjacent all buildings for positive drainage.
- The gymnasium office shall have visible access to the adjacent gymnasium through an interior window.

AMENITIES

- Provide a minimum of one standard size basketball court.

- Provide ample spectator circulation space around the perimeter of the basketball court to prevent spectator interference during sporting activities.
- Provide natural ventilation and lighting whenever possible.
- Provide vandalism protection for all heating and cooling vents inside of the gymnasium space.
- Provide portable room separators as directed by the project facility program.
- Provide folding room dividers as directed by the project facility program.
- Provide mat hoists as directed by the project facility program.
- Provide a roll out protective gymnasium floor cover for use during special events.
- Provide telescoping bleachers (on both sides of the basketball court) to maximize the flexibility of the space and to allow sideline space for gymnasium events.
- Provide ADA accessible seating adjacent to the bleachers.
- Provide companion seating, one (1) for each ADA seat.
- Provide an HVAC system to serve as emergency heat relief in the event of a heat wave.
- Provide a stage and changing rooms if directed by the project facility program.
- The stage size must accommodate a variety of activities. The minimum size for a stage is sixteen feet (16') by sixteen feet (16'). This size stage can accommodate a five-piece musical band. The minimum size of the off-stage waiting area shall be a minimum of eight feet (8') in depth. The width of the stage should be approximately one third the total width of the gymnasium.
- Provide sufficient electrical supply for the gymnasium to accommodate the additional circuits neces-

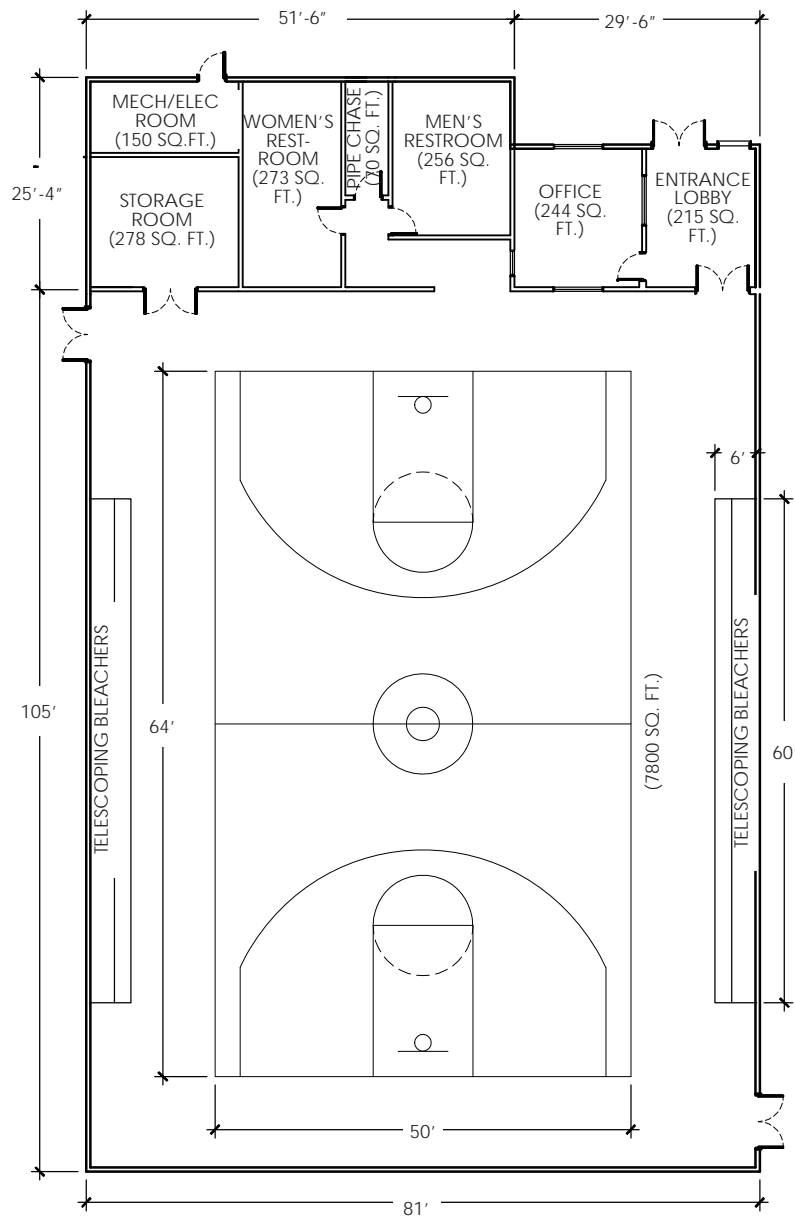


REGULATION HIGH SCHOOL BASKETBALL COURT 7800 SQ. FT.
 JANITOR'S ROOM/PIPE CHASE 120 SQ. FT.
 WOMEN'S RESTROOM 228 SQ. FT.
 MEN'S RESTROOM 228 SQ. FT.

STORAGE ROOM 208 SQ. FT.
 MECHANICAL/ELECTRICAL 104 SQ. FT.
 ENTRANCE/LOBBY 224 SQ. FT.
 OFFICE 155 SQ. FT.
 EXERCISE ROOM 444 SQ. FT.

WOMEN'S DRESSING ROOM 165 SQ. FT.
 MEN'S DRESSING ROOM 165 SQ. FT.
 STAGE 600 SQ. FT.
 HALLWAY 100 SQ. FT.
 TOTAL AREA 10,541 SQ. FT.

Exhibit 5: Preferred 10,541 sq. ft. Gymnasium Building Layout Diagram - Large space includes Office, Stage and Exercise Room - Option 1



REGULATION HIGH SCHOOL BASKETBALL COURT 7800 SQ. FT.
JANITOR'S ROOM/PIPE CHASE 70 SQ. FT.
WOMEN'S RESTROOM 273 SQ. FT.

MEN'S RESTROOM 256 SQ. FT.
STORAGE ROOMS 278 SQ. FT.
MECHANICAL/ELECTRICAL 150 SQ. FT.

OFFICE 244 SQ. FT.
ENTRANCE/LOBBY 215 SQ. FT.
HALLWAY 110 SQ. FT.
TOTAL AREA 9,393 SQ. FT.

Exhibit 6: Preferred 9,393 sq. ft. Gymnasium Building Layout Diagram - Small Space includes Office - Option 2

sary for stage lighting.

- Where practical, provide LED lighting for all stage lighting.
- Provide a minimum of two (2) ten feet (10') by twelve feet (12') stage changing rooms, one (1) for women and one (1) for men.
- Provide a minimum of one (1) general office in all gymnasium buildings. The general office will be equipped with a building-wide pager system.
- If security cameras are installed, locate monitors in the gymnasium office.
- Provide a T1 cable system in the office(s), gymnasium, and stage area.
- Provide a staff administration key-less entry system.
- Provide a conveniently located equipment storage space for folding chairs, nets, goals, and other sports equipment. The size of the storage space shall be dependent on the size and requirements of the facility.
- Provide an additional exercise/auxiliary room adjacent to the gymnasium. This room shall be a minimum 450 square feet.
- Provide restrooms, showers, and locker rooms as directed by the project facility program.
- Provide one (1) standard and one (1) ADA compliant drinking fountain, located adjacent to the gymnasium restrooms.
- Provide a controlled and secured entrance to all showers and locker rooms.
- Provide privacy walls between each shower.
- Provide at least one double-door building entry for the delivery of equipment.
- Provide security lighting on or near the building.

REGULATORY CONSIDERATIONS

- All gymnasium restrooms, locker rooms, dressing rooms and showers shall comply with current building codes and meet current ADA requirements.
- Fixture count shall be in compliance with Title 28 of the Los Angeles County Code Chapter 4, Section 412.0.
- The gymnasium restroom fixture count shall be in compliance with the State of California Building Code Title 24 Part 5 Chapter 4 item 412.0.

2.2.6 Community Buildings

The community building is intended to support indoor organized commu-

nity events, meetings and activities.

Provide community buildings as directed by the project facility program.

SPATIAL CONSIDERATIONS

- The building shall be visible and reasonably close to a parking lot and public street.
- Provide a drop off/pick-up zone near the main entrance where possible.
- Provide a paved special events plaza near the main entrance or the multi-purpose room.
- Provide ample paving around the perimeter of the building for ease of entry, to prevent pedestrian paths of travel through planted

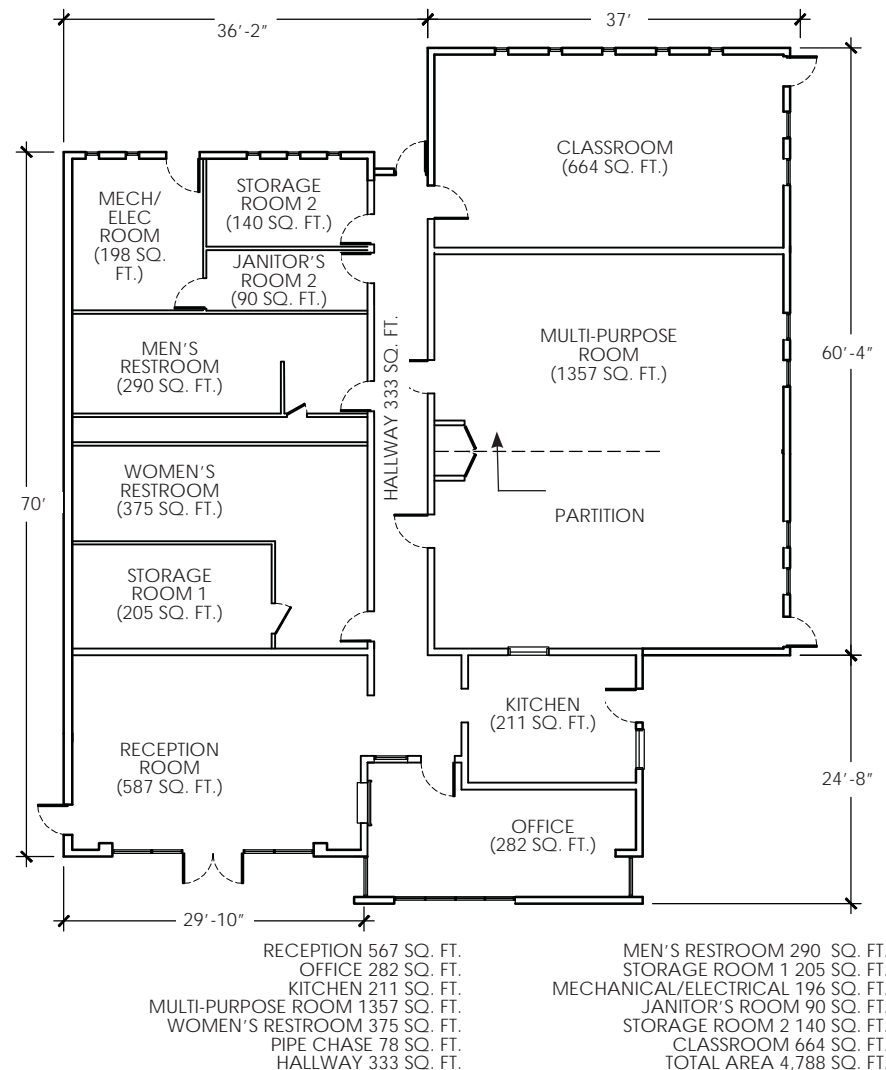


Exhibit 7: Preferred 4,788 sq. ft. Community Building Diagram

areas and prevent water infiltration into the building.

- The building perimeter paving shall have a minimum two-percent (2%) slope away from all exterior walls within the limit of the first ten feet (10') adjacent all buildings for positive drainage.
- The building perimeter un-paved areas shall have a minimum two-percent (2%) slope away from all exterior walls within the limit of the first ten feet (10') adjacent all buildings for positive drainage.

AMENITIES

- Provide multi-functional activity rooms that can be used for a variety of activities throughout the day for different age groups.
- Each classroom shall accommodate 20 to 30 people.
- Provide folding room dividers as directed by the project facility program.
- Provide resilient flooring such as linoleum, vinyl composition tile or rubber tile floor.
- Provide a computer training room that will accommodate up to 10 workstations.
- Provide a kitchen that meets all County Los Angeles Health Department requirements and ADA requirements.
- Provide two (2) offices, one (1) private office, and one (1) general office with three to four workstations. The general office will be equipped with a building-wide pager system. Staff must have visual access to corridors from the general office. These offices shall be grouped together in a common area.
- If security cameras are installed, locate monitors in the community building office.
- Provide a T1 cable system in all office and conference room(s).
- Provide a staff administration key-

less entry system.

- Provide a custodial storage room and separate, adjacent storage space.
- The custodial storage room is for the storage of normal day-to-day paper products, cleaners, and equipment. This room shall be sized to accommodate supplies for two weeks to one-month.
- Provide ventilation in the custodial storage room to eliminate odors from permeating into other rooms of the building.
- Provide a floor sink and a floor drain in the custodial storage room.
- Provide a storage room to contain equipment and materials used to support park programs and activities.
- Provide built-in heavy-duty shelving in all storage rooms.
- Provide restrooms inside the building as directed by the project facility program.
- Provide one (1) standard and one (1) ADA compliant drinking fountain, located adjacent to the

community center restrooms.

- Provide natural lighting whenever possible.
- Provide HVAC system to serve as emergency heat relief in the event of a heat wave.
- Provide bicycle racks, trash receptacles, and drinking fountains near the building entrances.
- Provide security lighting at or nearby the building.
- Provide directional signage from the street to the main entrance.

REGULATORY CONSIDERATIONS

- All community building restrooms shall comply with current building codes and meet current ADA requirements.
- Fixture count shall be in compliance with Title 28 of the Los Angeles County Code Chapter 4, Section 412.0.
- All kitchens shall comply with the County of Los Angeles Public Health, Environmental Health Program. Reference the "Retail Plan Check Construction Guideline" in the Food section of this document.

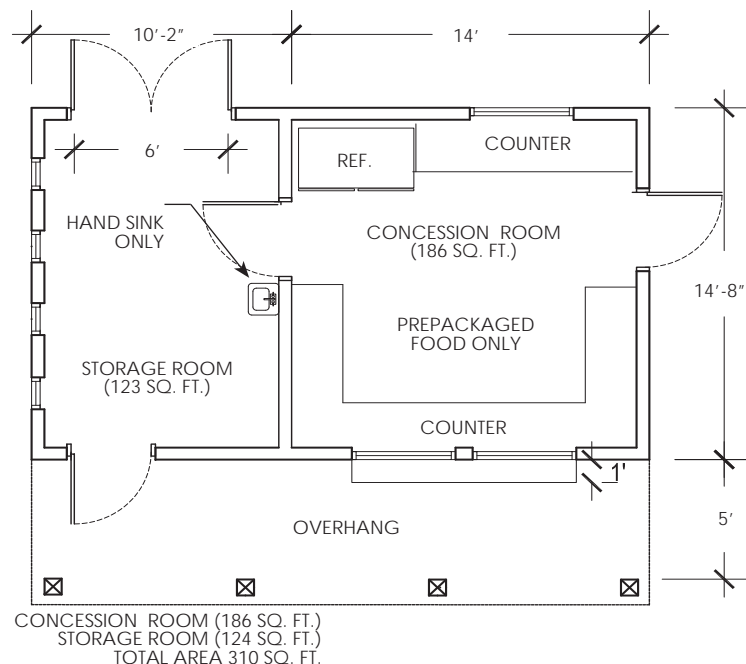


Exhibit 8: Preferred 310 sq. ft. Sports Field Concession Building Diagram

- All kitchens shall comply with the County of Los Angeles Fire Department, County Facilities Codes and Ordinances. All gymnasium restrooms, lockers, dressing rooms and showers shall comply with current building codes and meet current ADA requirements.

2.2.7 Sports Field Concession Stand

Provide sports field concession stands as directed by the project facility program.

SPATIAL CONSIDERATIONS

- Locate the concession stand in close proximity to the ball field spectator area.
- Provide a vehicular access pathway to the building.
- The concession stand should be reasonably close to a trash enclosure.
- Provide ample paving around the building perimeter for ease of entry and pedestrian accessibility.

AMENITIES

- Provide kitchen facilities for warming pre-packaged food only.

- Install resilient flooring such as linoleum or vinyl composition tile.
- Provide ample in-unit storage space within the building.
- Include a double-door entry for delivery of products and equipment.
- Provide roll-up window(s) for serving access.
- Ventilation and lighting shall be natural whenever possible.
- Provide a HVAC system.
- Provide a staff administration key-less entry system.
- Provide security lighting at or near the building.

REGULATORY CONSIDERATIONS

- All kitchen amenities shall comply with the County of Los Angeles Public Health Department requirements.
- The concession building shall comply with current building codes and meet all ADA requirements.

2.2.8 Maintenance Buildings / Yards

Maintenance buildings and yards support a broad spectrum of recreational facilities. Provide a maintenance yard as directed by the project facility program.

SPATIAL CONSIDERATIONS

- Where possible provide separate entrances to the maintenance yard and the parking lot.
- If a separate entrance to the maintenance yard and the parking lot is not feasible, locate the entrance to the maintenance yard off the parking lot.
- Provide screening between the maintenance yard and the park.
- The maintenance office shall have visible access to the adjacent yard.
- Provide space in the maintenance building to accommodate the storage of maintenance vehicle(s) as directed by the project facility program.
- Provide space in the maintenance building to accommodate the storage of maintenance tools, supplies and materials, as directed.

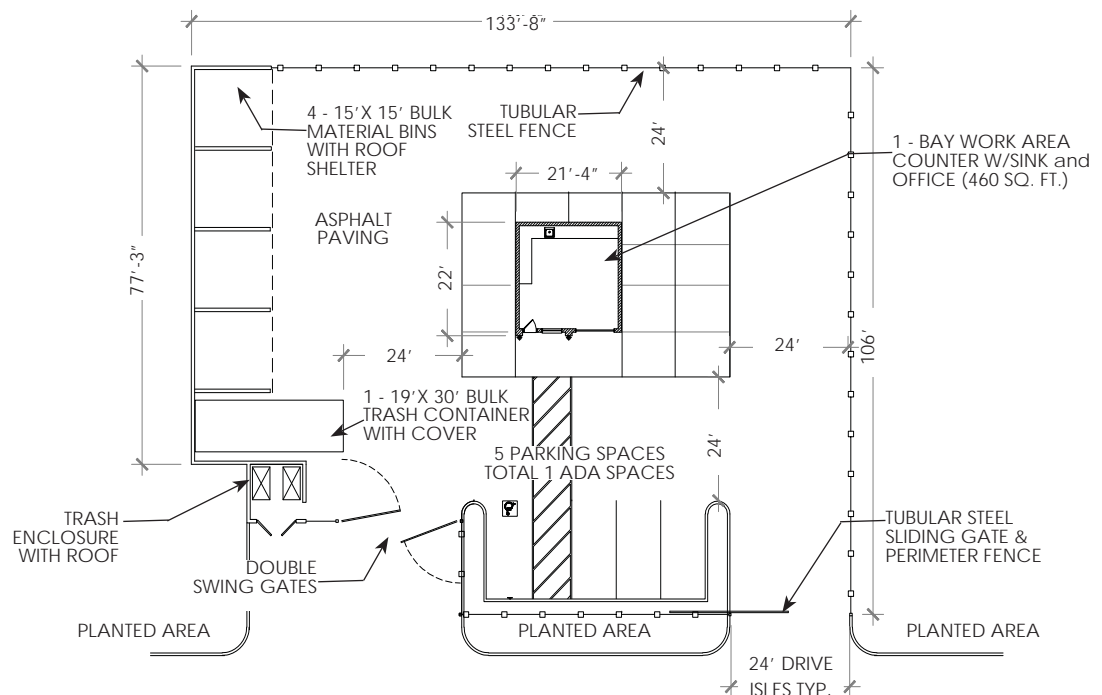


Exhibit 9: Preferred Small Maintenance Building and Yards Layout Diagram -

- ed by the project facility program.
- Provide space in the maintenance yard to accommodate the storage of building and maintenance materials, as directed by the project facility program.
- Provide secured gates and fencing around the perimeter of all maintenance yards.

AMENITIES

- Provide office space for staff in the maintenance building. The office size will be as directed by the project facility program.
- Provide a staff administration key-less entry system.

- Provide a minimum of one (1) ADA accessible restroom in each maintenance building.
- Provide a rest/eating area and a kitchenette space (microwave and refrigerator only) in each maintenance building.
- Provide a T1 cable system in each maintenance building.
- Provide roll-up doors for entry into maintenance building.

REGULATORY CONSIDERATIONS

- All bulk items, new or used, should be covered (and elevated on a pallet). Particularly trash, and other waste items such as oil, grease or other miscellaneous hazardous materials, to mitigate

contamination of stormwater runoff per Department Stormwater Pollution Prevention Plan, under NPDES³.

- All restrooms shall comply with current building codes and meet current ADA requirements.

- The restroom fixture count shall be in compliance with the State of California Building Code Title 24 Part 5 Chapter 4 item 412.0.

³ http://dpw.lacounty.gov/wmd/npdes/public_tc.cfm

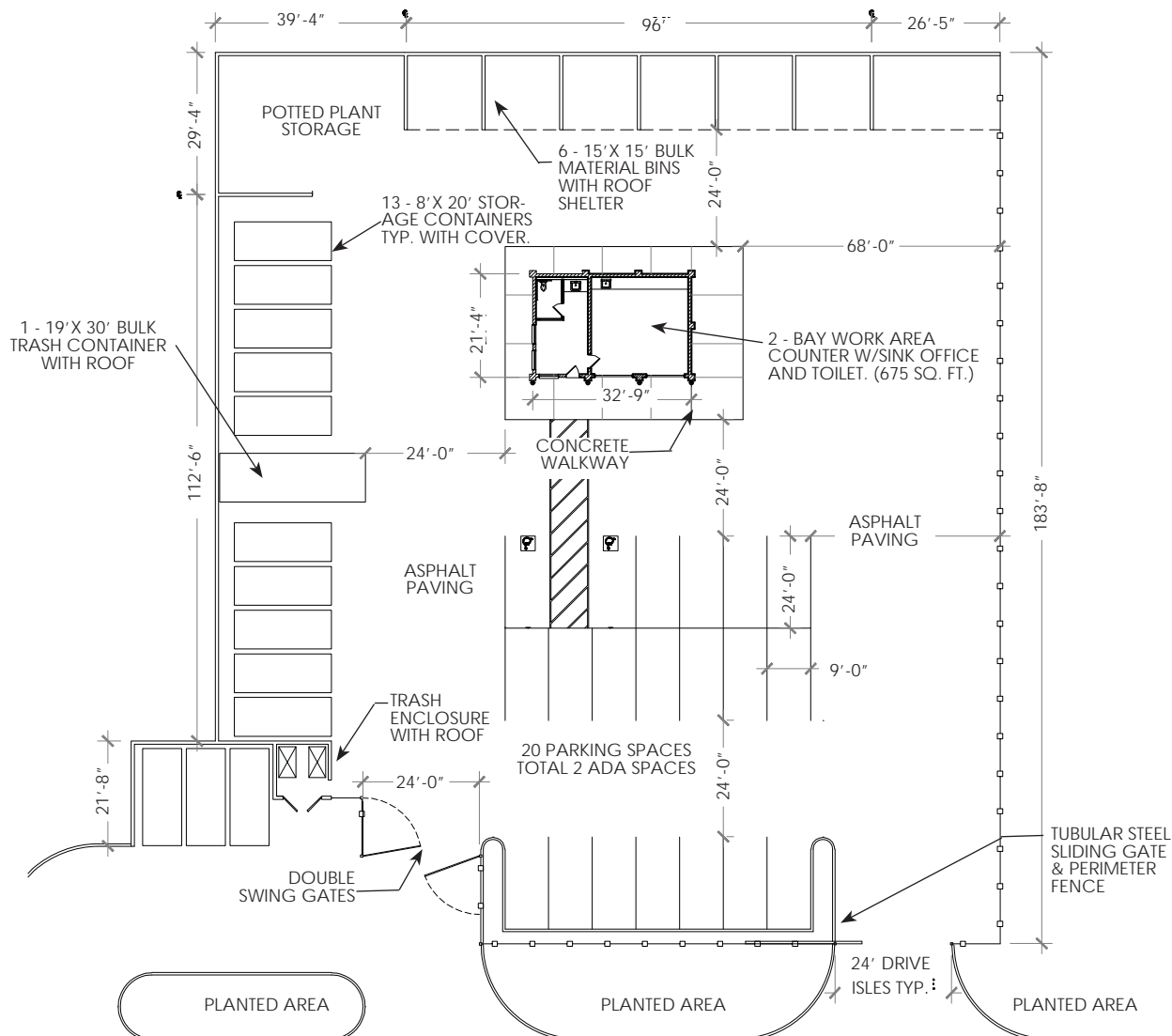


Exhibit 10: Preferred Large Maintenance Building and Yards Layout Diagram -

2.3 Parking Lots

The parking lot is the first and the last element of a park facility to be viewed by many visitors. It is the gateway through which most visitors pass. This first impression is very important in establishing the overall feeling and atmosphere conveyed to the user.

SPATIAL CONSIDERATIONS

- Provide adequate parking at each park location to minimize parking on residential and arterial streets.
- Provide parking lots that service and support park facilities. These parking lots shall not bisect or segment the park site.
- Provide overflow parking for special events as directed by the project facility program.
- Parking lots must remain visually unobstructed and highly visible at all times.
- Locate parking lots in close proximity to major park activity areas.
- Maximum non-pedestrian route-of-travel grades in a parking lot shall not exceed nine percent (9%).
- The parking stall and aisle dimensions and angles illustrated in Table 1 on the next page shall be utilized in parking lot design layout.

AMENITIES

- Provide a barrier gate at park vehicular entries.
- Provide vegetated screening or visual barriers to prevent vehicle headlights from shining into residential areas.
- Provide access barriers at parking lot perimeters. Perimeter barrier material is typically but not limited to a 6" high concrete curb.
- Provide maintenance vehicle access to the primary 10' wide park circulation system off the parking

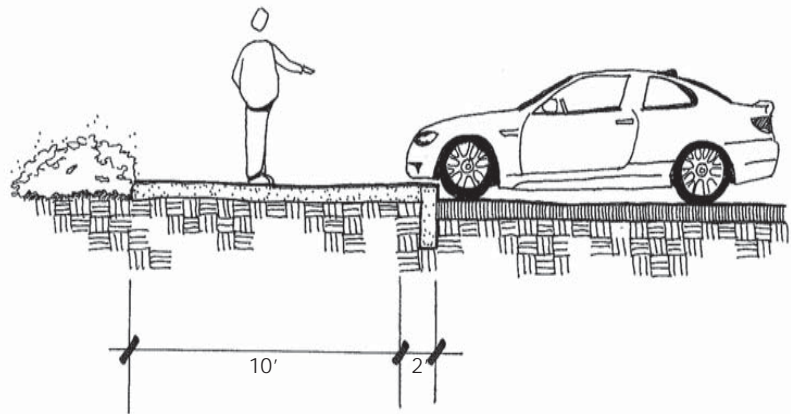


Exhibit 11: Parking Lot Curb - 6" Curb Adjacent Primary Pedestrian Walk

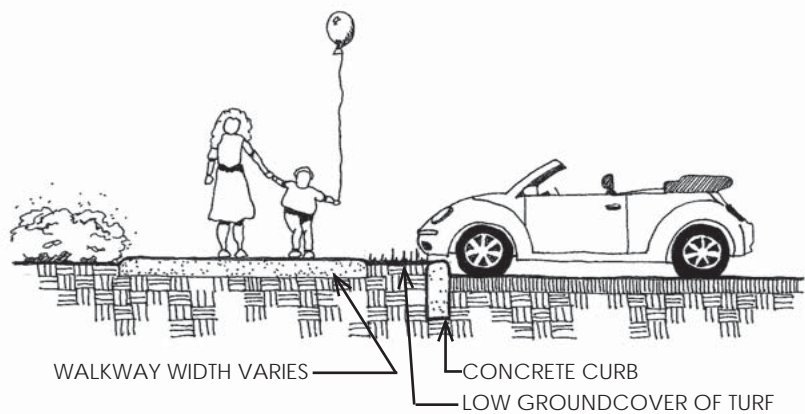


Exhibit 12: Parking Lot Curb - 6" Curb Adjacent Planted Area

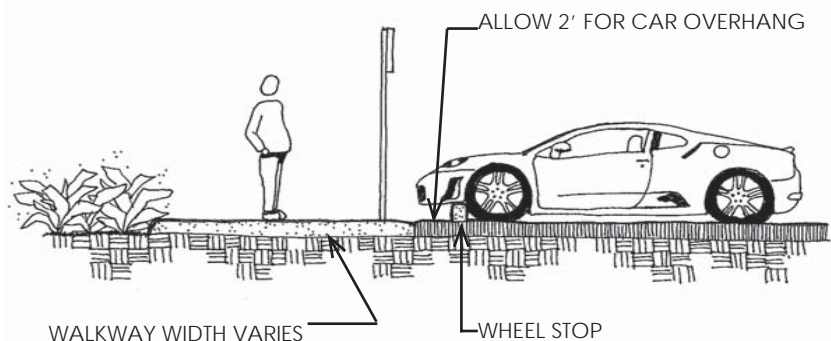


Exhibit 13: Parking Lot Curb - 0" Curb Face at ADA Parking Stalls

lot. The entrance from the parking lot shall be protected by locking removable bollards.

- Provide wheel stops at all zero curb height and ADA ramps to prevent parked vehicles from encroaching onto adjacent walkways or adjacent landscaped areas.
- Ensure that wheel stops and curb heights do not impact vehicular clearance.
- All plant material in front of a parking stall as illustrated in Exhibit 12: Parking Lot Curb - 6" Curb Adjacent Planted Area, must be low groundcover with a maximum height of six inches (6").
- Where no wheel stops have been provided and there is an encroachment of a car over the required width of an adjacent walkway, an additional two feet (2') must be added to the width of the walkway.
- Provide a one-foot (1') wide concrete "step out" at all landscaped areas adjacent to parking stalls.
- In order to provide shade to vehicles and lower the heat island effect in parking lots, provide one

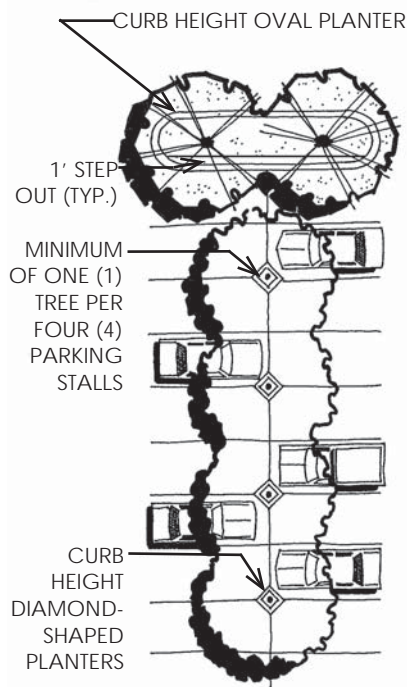


Exhibit 14: Shade Tree Layout in Parking Lots

(1) 24-inch (24") box tree per four (4) parking stalls.

- The parking lot tree canopy shall provide at least forty percent (40%) shade coverage in the open parking areas within fifteen (15) years.

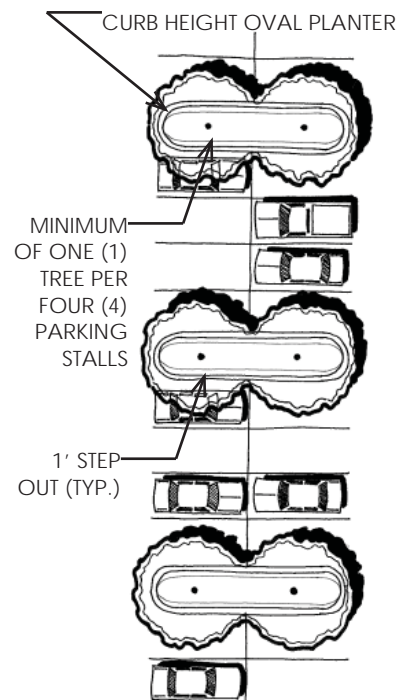
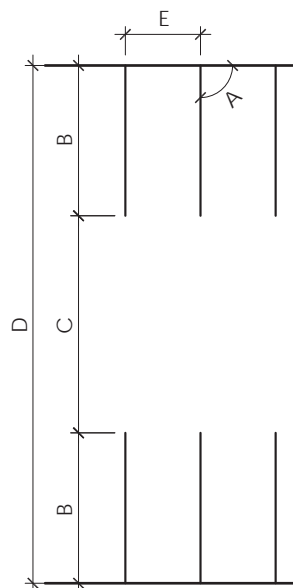


Exhibit 15: Shade Tree Layout in Parking Lots (Alternate)

- Provide trees, shrubs, and ground cover at suitable intervals in order to break up the continuity of the parking area.
- Landscape plants shall not block the view of motorists and pedestrians.
- Provide landscaped islands with a minimum width of five (5) feet, and a one (1') foot step-out excluding the curb width, at each end of the parking lot lanes per Exhibit 14: Shade Tree Layout in Parking Lots.
- Provide five foot (5') diamond shaped curb height tree planters, excluding the width of the curb, in double loaded parking stall areas per Exhibit 14: Shade Tree Layout in Parking Lots.
- Additional parking over and above the County of Los Angeles Code Chapter 22.52, General Regulations, Part 11, Vehicle Parking Space, shall be provided for parks with sports fields as shown in Table 2.⁴

Table 1: Minimum Dimensions for Parking Stalls

A Angle (degrees)	90	60	45
B Stall	18'-0"	20'-1"	19'-1"
C Aisle	26'-0"***	20'-0"*	14'-0"*
D Overall Width	62'-0"	60'-2"	52'-2"
E Curb Length	9'-0"	10'-5"	12'-9"
* One way traffic ** Two way traffic			



⁴ Carpenter, Handbook of Landscape Architectural Construction (1976)

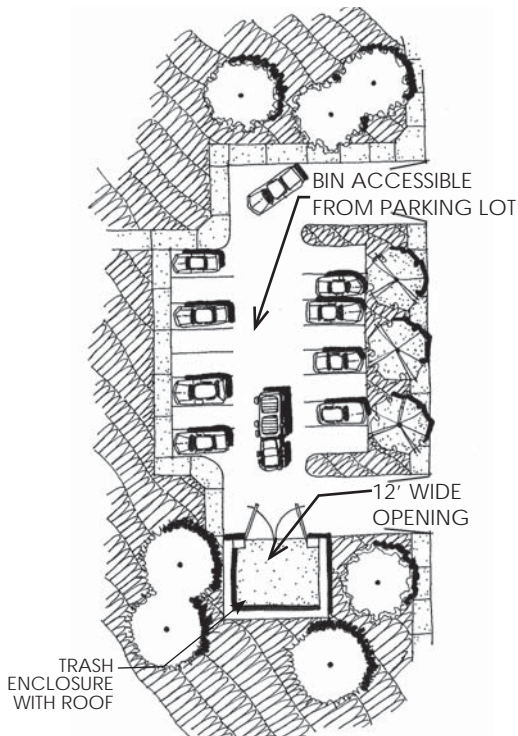


Exhibit 16: Parking Lot Design with Trash Bin Enclosure

- Provide additional parking over and above the County of Los Angeles Code Title 22 Chapter 22.52, General Regulations, Part 11, Vehicle Parking Space, as directed by the project facility program.
- Provide preferred parking stalls and signage for Low-Emission & Fuel Efficient Vehicles at high use park sites such as community buildings, nature centers, arboretum and botanical gardens parking lots.
- Refer to the Stormwater Management section for parking lot grading and drainage.

REGULATORY CONSIDERATIONS

- All parking lots shall include secu-

urity lighting, meeting current California Code of Regulations and all local building standards.

- Provide two points of ingress/egress access drives, a turnaround, or a "hammer head" for all size vehicles.
- Parking shall comply with the most current ADA standards and guidelines.
- Provide ADA compliant parking stalls and signage per the current State and Federal requirements. The parking area shall be clearly marked to delineate parking spaces and to direct traffic flow.
- Parking lot design shall comply with the County of Los Angeles Code Chapter 22.52, General Regulations, Part 11, Vehicle Parking Space, unless otherwise specified in the Park Design Guidelines.
- The number of parking spaces shall comply with the County of Los Angeles Department of Regional Planning Code for all facilities unless otherwise specified in the Park Design Guidelines. Provide additional parking as noted in Table 2.
- Park design must comply with County of Los Angeles Code Title 22, Chapter 15.52 crosswalks and bicycle lanes.

2.4 Circulation

A well-connected network of park roads and paths provides an effective means to accommodate all forms of travel including; walking, bicycling, and transit. Multiple routes through a well connected park cir-

culation system ensures that attractive walking and bicycling routes are widely and safely available. Consider the following for developing effective park circulation systems:

- Develop one main park entry, where a park design or theme can be established to create the park's identity and sense of arrival.
- Provide a highly visible and distinct park entry marker or gateway to create a sense of transition and arrival to the destination.
- Primary paths - Provide at least one path of travel within the park design which connects all major use areas. This concrete pathway should be ten feet (10') wide preferred, and a minimum of eight feet (8') wide, for use by maintenance and service vehicles. All curves within this route shall contain radii no less than ten feet (10').
- Secondary paths shall be a minimum of six feet (6') wide.
- Tertiary paths consist of non-circulation routes, e.g. (around play areas), and shall be a minimum of five feet (5') wide.
- Provide adequate access for fire, emergency response, and maintenance vehicles in parks and open space areas.
- Create anticipation and visual interest by framing views and directing attention to landscape features along the pathways.
- Provide deliberate focal points such as a circular drop-off or plaza where the network of pedestrian paths, bicycle routes and vehicular roads meet.
- Locate primary and secondary paths to minimize environmental impacts on the site.
- Locate all park fixtures, such as security lights and trash receptacles on concrete pads outside the limit of the walkway width.
- Park benches and drinking foun-

Table 2: Minimum additional parking for sports fields

SPORT	MINIMUM PARKING SPACES
Softball	15 spaces / field
Baseball	20 spaces / field
Soccer, football, lacrosse	16 spaces / field
Basketball	6 spaces / field
Tennis	2 spaces / field
Volleyball	6 spaces / field

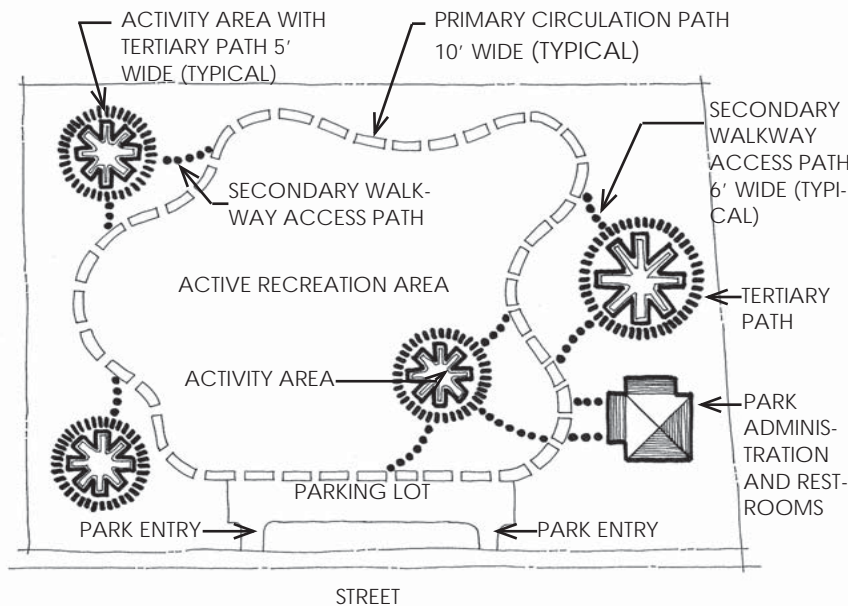


Exhibit 17: Park Circulation Hierarchy

tains shall be located outside the limits of the pathway width. This space shall include the width of the amenity and ADA path of travel.

2.4.1 Pedestrian

- Provide a clear separation between the park's vehicular and pedestrian entrances.
- Provide open access to the park and to its facilities for all pedestrian park users, with visibly marked ADA accessibility.
- Where a pedestrian path crosses a vehicular road, provide a pavement warning tile system and identify the path with visible signage and/or striping.
- Provide pedestrian entrances near existing or proposed crosswalks.
- Direct pedestrian entrances toward public transit centers to encourage and facilitate alternative modes of travel to the park.
- Pedestrian paths shall provide direct access to the play area, restrooms, and sports fields.
- Provide textured paving where

tertiary walkways intersect secondary paths of travel at restroom buildings and children's play areas, to discourage skateboarding.

- Pedestrian paths and bicycle routes shall be clearly marked, and where possible separated from vehicular travel.

2.4.2 Vehicular

- Locate the park vehicular entry to avoid conflicts with established rights-of-ways.
- Where possible provide separate entrances to the parking lot and maintenance yard.
- If a separate entrance to the maintenance yard and the parking lot is not feasible, locate the entrance to the maintenance yard off the parking lot.
- Provide maintenance vehicle access from the parking lot to the major, ten feet (10') wide concrete paths. The path should be secure from public vehicular access via removable bollards. This path must be designed to support large maintenance vehicles with load weights of up to twenty (20)

tons.

- Where roadways are part of a park plan, they shall be designed to control vehicular speeds.
- Automobiles are usually restricted to the perimeter of the park site. This can pose problems when programmed recreation events demand equipment to be delivered by vehicles. Avoid damage to fragile vegetation and irrigation systems by providing primary, ten foot (10") wide, paths that can support vehicular use near recreation fields.

TRAFFIC CALMING

- Provide traffic calming design solutions where public vehicular roads travel through the park site. Traffic calming solutions may include but are not limited to the following:
 - Speed humps
 - Textured decorative paving
 - Traffic circles or roundabouts
 - Neckdowns/chokers (curb extensions)

2.4.3 Bicycle

To encourage and facilitate bicycle travel to the park, provide bicycle path connections from the park to the following locations:

- Public bicycle paths
- Street paths
- Bike racks/storage

2.4.4 General

- All paving design criteria shall comply with the Geotechnical Engineer's recommendations.
- All pathways and edging shall be installed flush with surrounding grades with the exception of the following:
 - Finish surface elevation of planting areas shall be two inches (2") lower than adjacent

edging or paving, to allow for mulch.

- Finish surface elevation of turf areas shall be one inch (1") lower than adjacent edging or paving to allow for thatch build-up.
- Decomposed granite (D.G.) paving shall be contained with a six inch (6") wide concrete mow strip on both sides of the paving, and flush with the paving surface.
- D.G. used for walking paths and as paving shall be stabilized, unless otherwise specified in the facility program.
- D.G. used as mulch for planting areas shall be unstabilized.
- Provide a one foot (1') wide mow strip under all tubular steel and chain link fencing placed in landscaped areas.
- Avoid abrupt and/or protruding edges or abrupt grade changes on all roads, walkways and bicycle paths.
- Approved Root Barriers shall be used along the edge of new roadways and pathway paving within the drip line of existing trees, or within ten feet (10') of newly planted trees.
- Design utility corridors in close proximity to roads and major walkways, to reduce future disturbance of these areas from maintenance and repair operations.

2.5 Recreational Facilities

The location and orientation of recreation fields shall recognize and be sensitive to the established surrounding conditions. Care must be taken to address potential conflicts with adjacent passive use areas including children's' play areas.

The size and shape of a site can have a major influence on the types of recreation uses it can support. For example, a large, regularly shaped

site may be well suited for a multiple athletic field complex (e.g., soccer or baseball) while a smaller, irregularly shaped site may not be able to support this level of development and may be better used for smaller athletic fields or courts (e.g., basketball or tennis courts). In addition to the area requirements for the selected recreational activity, additional space may be required for supporting facilities such as, parking lots, concession stands, spectator areas, maintenance yard, and storage buildings. At multiple athletic field complexes, space also may be needed for buffer zones between fields and drainage features.

Table 3: Standard Field Dimensions and Acreage for Athletic Fields provides standard field dimensions and acreage for common athletic fields to be used in designing County parks, unless otherwise directed by the proj-

ect facility program. The area required for most playing fields ranges from approximately 0.05 acres (a volleyball court) to three acres (an adult level baseball field). However, recreational facilities consist of more than just a playing field. When estimating the area needs for a recreation facility, the size of the fields and spatial requirements for supporting features or areas need to be considered. The following list represents typical park amenities to be considered:

- Parking
- Restrooms
- Storage facilities
- Concession facilities
- Bleachers or other spectator areas
- Spillover noise and activity areas
- Surface drainage features

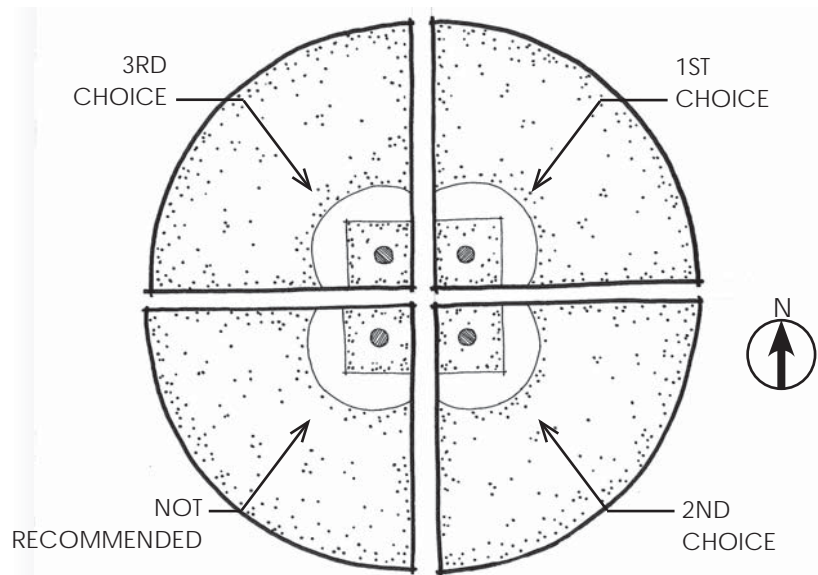


Exhibit 18: Preferred Baseball/Softball Field Orientation

Sport	Field Dimensions	Minimum Acreage
Softball	60' baseline, 275'-300' outfield	2.0 acres
Baseball	90' baseline, 350'-380' outfield	.75 - 3.0 acres
Soccer	225'x 330' field dimension	1.0-2.0 acres
Basketball	50'x 94'	0.01 acres
Tennis	78'x 36'	0.06 acres
Volleyball	29.5'x 59'	0.05 acres

- Buffer zones
- Maintenance access areas

2.5.1 Ball Fields

SPATIAL CONSIDERATIONS

Field sizes vary from approximately three-quarters of an acre for a little league baseball field, to approximately three acres for an adult baseball field, with the center field fence 380-feet away from home plate. To account for errant balls, spectator areas, and other ball field features, a full size baseball field may need up to six acres.

- To address errant balls along the foul ball lines, a physical buffer or sufficient space should be provided for public safety.
- The preferred field orientation locates the third base line aligned with true north. However, some sites may require variations from this preferred orientation.
- Fields shall be crowned in the center with drainage to the sides with no more than a two percent (2%) slope for positive drainage. However, if specific site conditions make this unattainable, other drainage options will be considered.

AMENITIES

- Install ground sleeves for portable Little League fencing 235' from home plate.
- Provide spectator seating areas with shade covers at all baseball and softball fields.
- Spectator areas shall consist of either aluminum or concrete tiered seating and shall accommodate ADA compliant seating and companion seating.
- Provide chain link fence enclosed dugouts with shade covers, player's benches, bat racks, and area for players equipment bags.
- Provide one (1) ADA compliant

pedestal drinking fountain centered between the dugout and spectator bleachers.

- Provide softball infield mix of sixty percent (60%) brick dust to forty percent (40%) clay.
- Ball field turf areas shall be planted with hybrid-bermuda turf.
- Provide irrigation quick couplers at the fence line in two locations:
 - One (1) between home plate and first base
 - One (1) between home plate and third base

SPECIALIZED AMENITIES TO BE PROVIDED AS INDICATED BY THE FACILITY PROGRAM

- Provide concession building.
- Provide a public address system with announcer's table.
- Provide electronic scoreboard with score keepers console accessible from the 3rd base bleachers.
- Provide equipment storage containers/bins; one for recreation equipment and a second for grounds maintenance equipment.
- Provide batting cages with pitching machine electrical outlets.
- Provide outfield fencing with Poly-Cap or equivalent safety fence guard.
- Fence height shall be per facilities program
- Provide sports lighting and sports lighting timers.
- Provide an infield irrigation system (pop-up rotors).

- Provide a sub-surface drainage

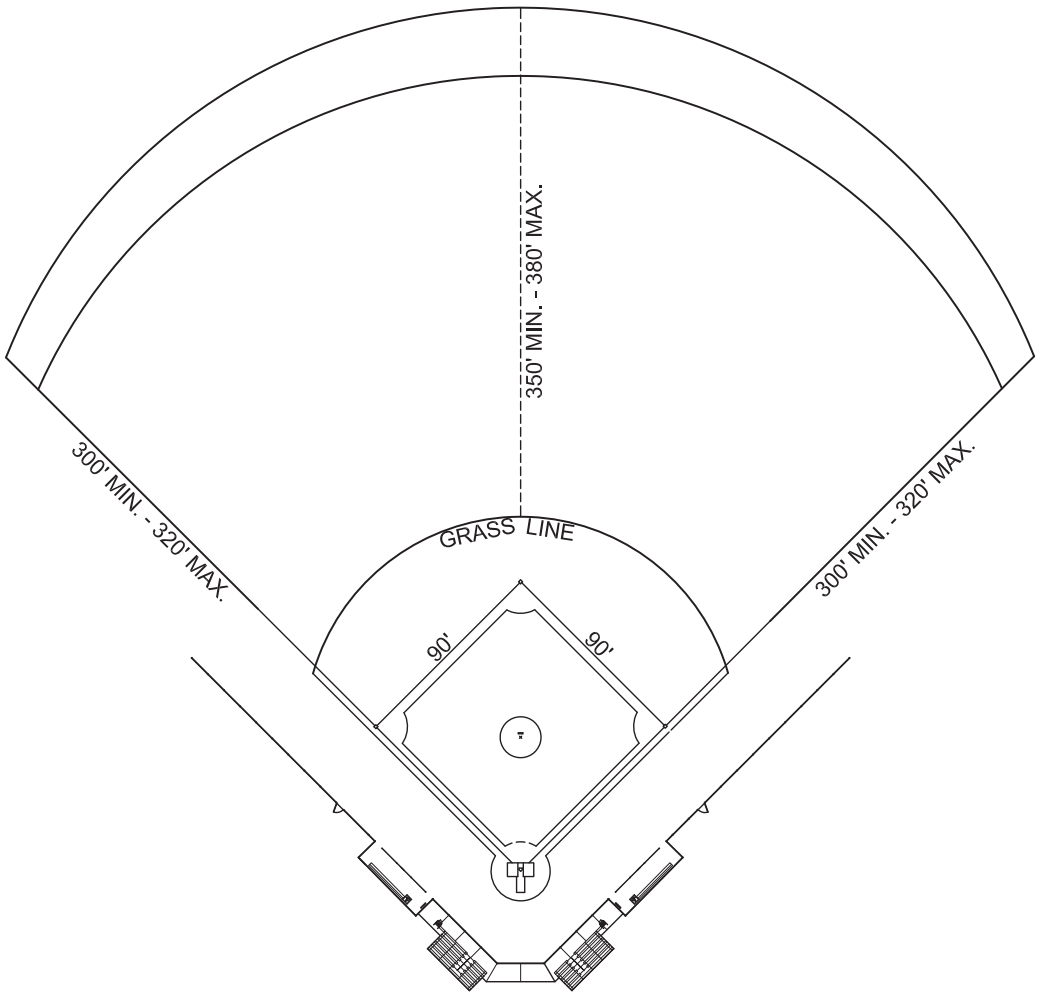


Exhibit 19: Baseball Field - Standard Layout

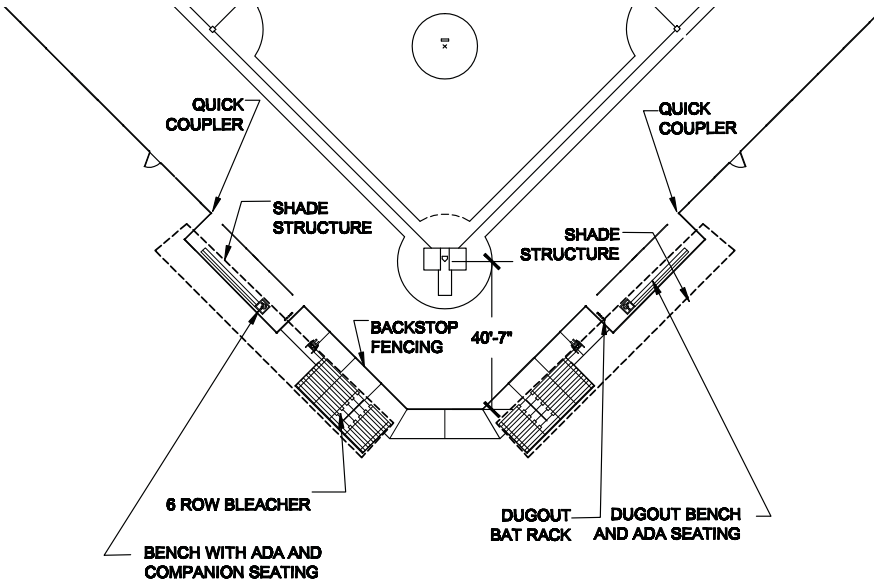


Exhibit 20: Baseball Field - Dugout and Spectator Seating enlargement

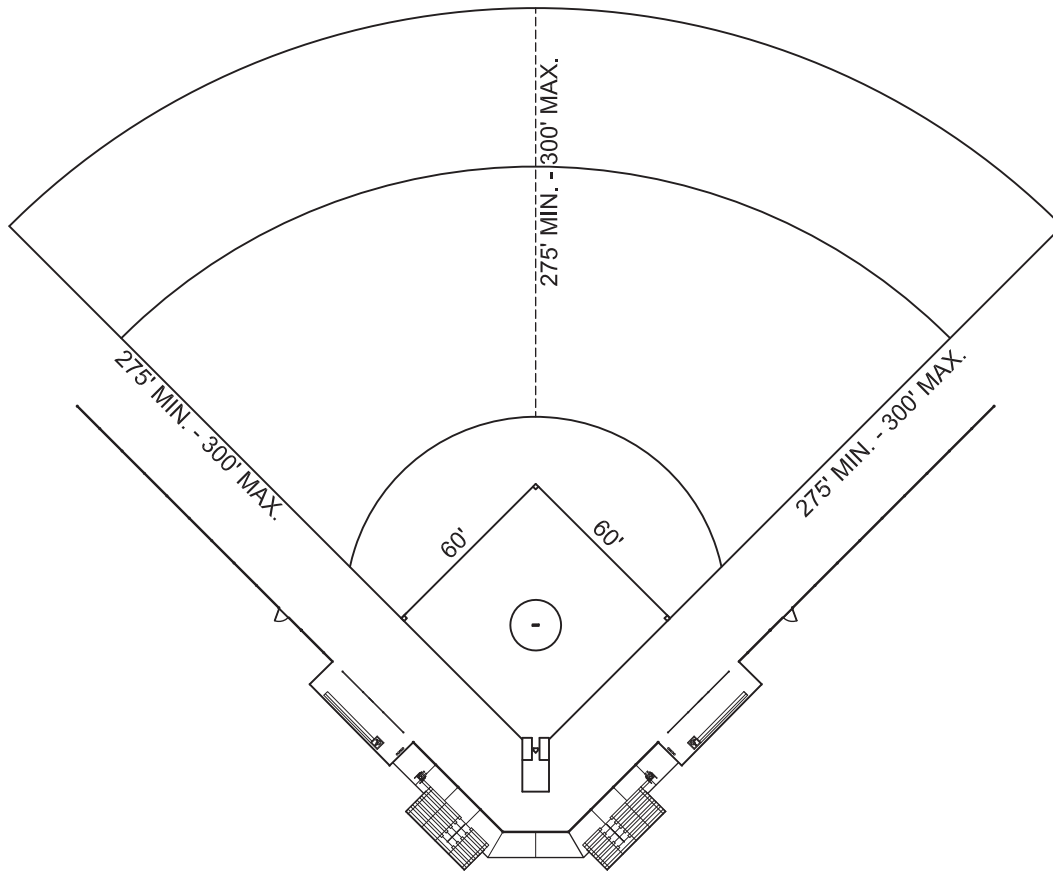


Exhibit 21: Softball Field - Standard Layout

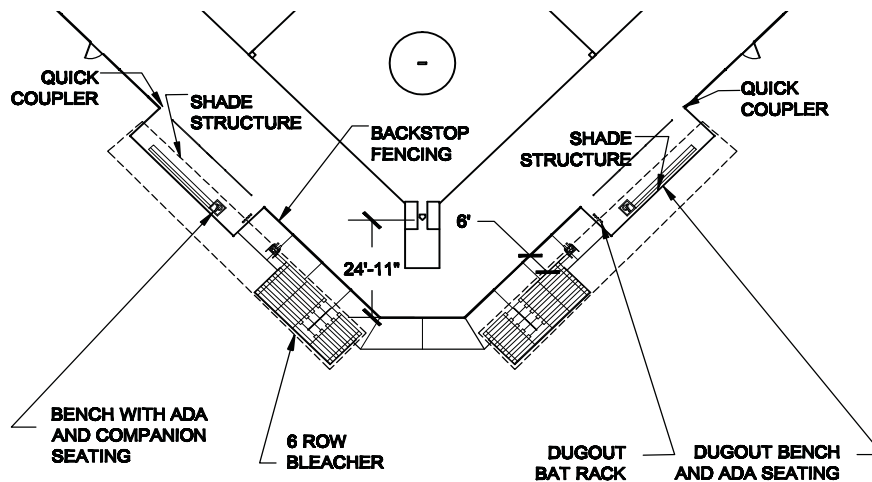


Exhibit 22: Softball Field - Dugout and Spectator Seating enlargement

system.

- Locate all utility controls (sports lighting, infield irrigation controller, etc.) in an area convenient for operation and maintenance.

2.5.2 Sports Fields

Many large athletic fields can be used for multiple purposes and sports of similar sizes and dimensions. Table 4: Standard Court Dimensions and Acreage for Basketball Courts provides the field dimensions of typical sports fields. Football and soccer are two of the most popular sports and their field sizes are quite compatible for dual use. A typical soccer field layout is provided in Exhibit 23.

Soccer fields vary greatly in size depending on the age and level of play. A field for players of age six (6) and under is approximately 0.12 acres in area while a field for adults can require nearly two (2) acres. Additional area is also required for spectator areas, missed shots, and errant passes. An adult soccer field with supporting areas may need up to three acres of land.

Soccer and Multi-Use Fields

- All fields shall have a (2%) max. slope for positive drainage. However, if specific site conditions make this unattainable, other drainage options will be considered.
- The long axis of the field shall have a north/south orientation whenever possible.
- Where there are multiple fields, the minimum space between fields shall be twenty feet (20').
- Provide an area of 20' in width around the field's perimeter (10' minimum) with no trees (measured from the maximum drip line), berms, planters, sidewalks or light standards.
- Fields shall typically have a corner pitch drainage pattern unless specific site conditions prohibit this.

- Soccer fields shall be planted with hybrid-bermuda turf.
- Markings for Soccer Fields are chalked prior to the game. Permanent field markings are not necessary unless the playing fields are synthetic turf.

- Irrigation system for cooling fields and cleaning
- 10' high perimeter fencing
- Subsurface drainage

SPECIALIZED AMENITIES TO BE PROVIDED
AS INDICATED BY THE FACILITY PROGRAM

- Provide all synthetic turf fields with;

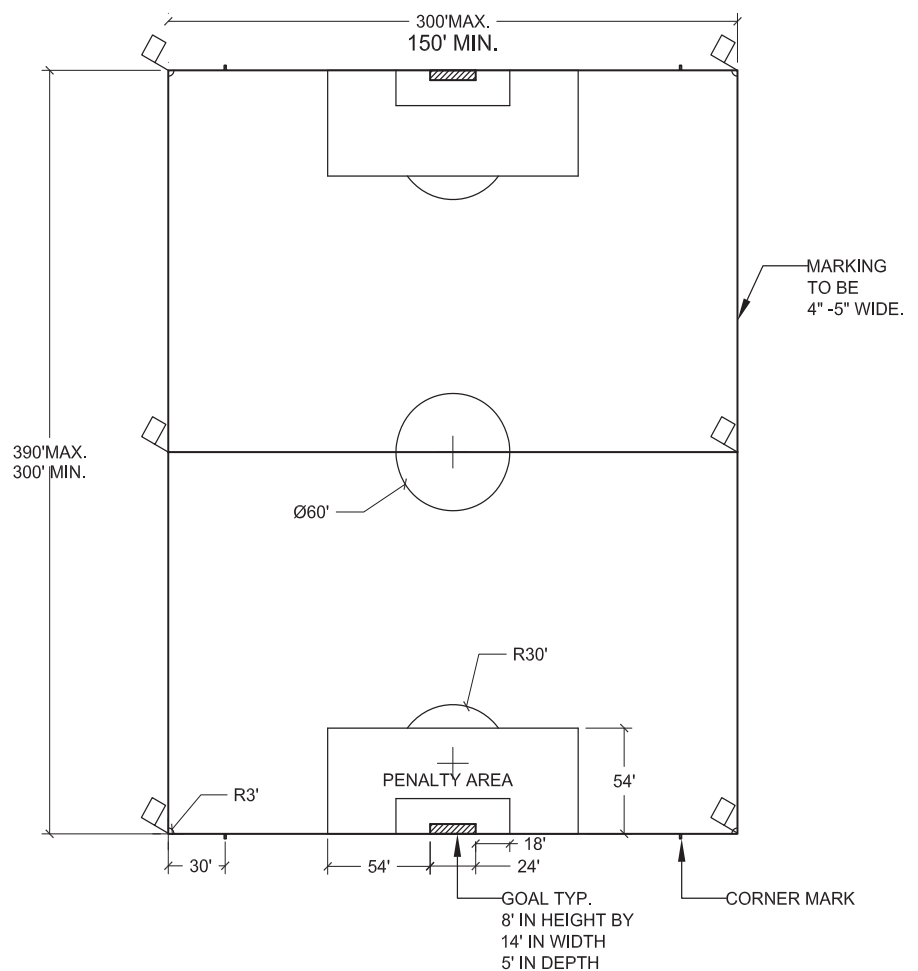


Exhibit 23: Soccer Field - Standard Layout

Table 4: Standard Field Dimensions and Acreage for Sports Fields

Sport	Field Dimensions	Minimum Acreage
Soccer	225' x 330' field dimension	1.7 acres
Football	120 yards x 53 yards	1.3 acres
Field Hockey	100 yards x 60 yards	1.2 acres
Lacrosse	119 yards x 69 yards	1.7 acres

2.5.3 Sports Courts

BASKETBALL AND MULTI-USE COURTS

The table below lists common dimensions and areas for basketball courts. A diagram of a typical basketball court is provided to the right. Futsal (Five-a-Side-Soccer) is also compatible with sports courts.

- Where possible, locate sports courts along the edges of the park to maximize visibility for security. Provide a separation from the street with a low berm or low planted landscape buffer. This separation shall be a minimum of fifteen feet (15') and a maximum of twenty feet (20') in width.
- All courts shall have a (1%) max. slope for positive drainage.
- Provide sports lighting as indicated by the facility program.
- Surrounding land uses must be considered for possible impacts from noise and sports lighting.
- Adult / teen basketball activities should be located away from small children's and passive activity areas.
- Provide shaded spectator seating at the perimeter of the basketball court.
- The court surface shall be integral colored concrete with a medium broom finish to prevent slipping.
- Provide basketball pole pads on the pole standards.
- Provide a minimum of ten feet (10') between courts placed side-by-side, or end-to-end.
- All markings on the playing surface shall be applied using a wear-resistant, colored substance. All markings shall be a minimum of two inches (2") in width. Color to be white.

- Stripe volleyball court lines on a basketball court yellow.
- Provide in-ground sleeves and court striping to accommodate three (3) removable volleyball

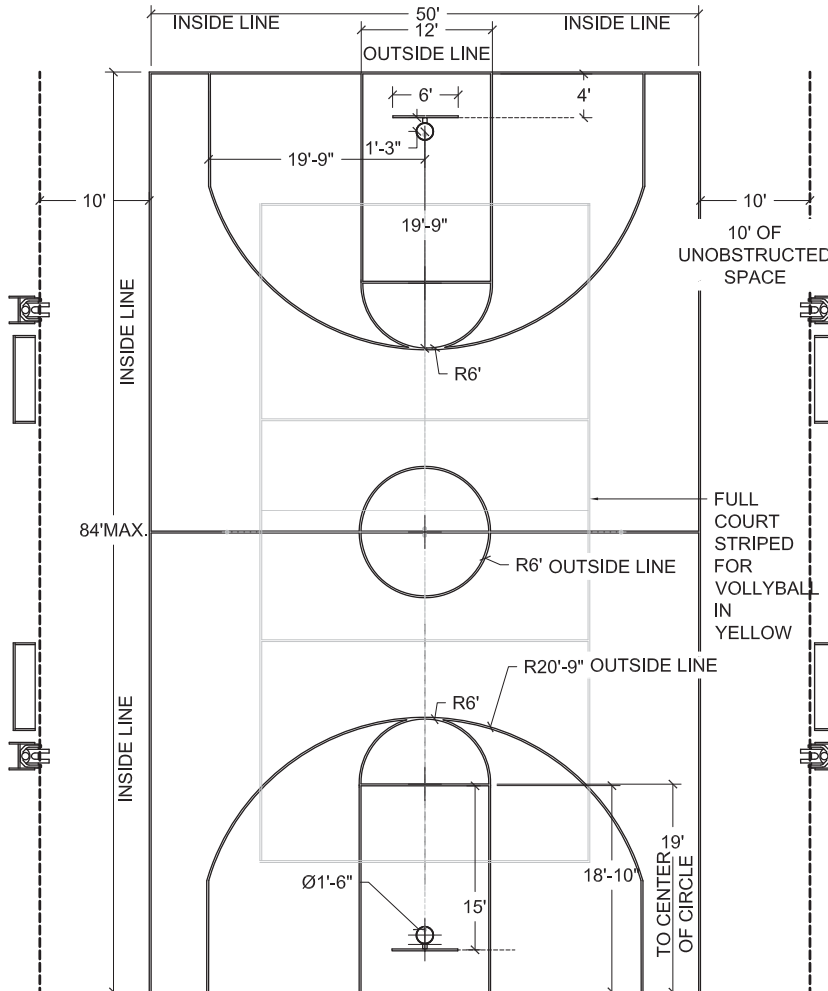


Exhibit 24: Basketball Court - Standard Layout over Volleyball Court

Table 5: Standard Court Dimensions and Acreage for Basketball Courts

Sport	Field Dimensions	Minimum Acreage
Basketball - Full Court	84' x 50'	0.11 acres

court standards (two (2) half courts and one (1) full court).

- The long axis of the court shall have a north / south orientation wherever possible.

PROVIDE SLEEVES FOR NET

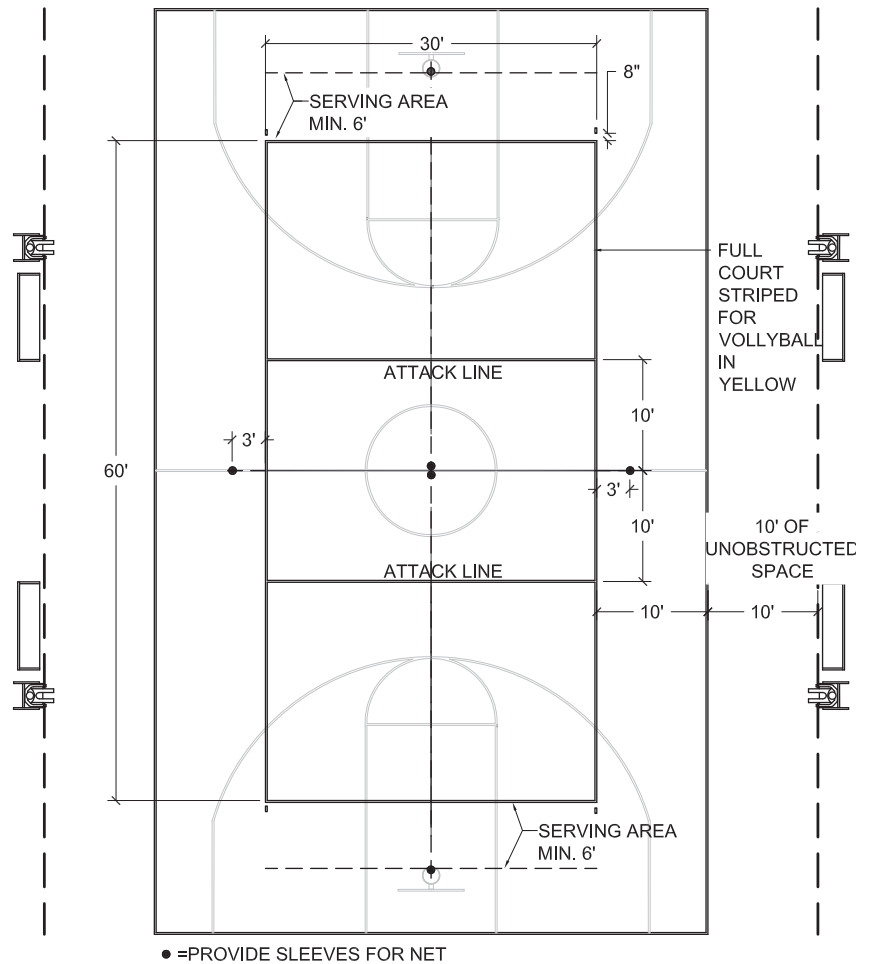


Exhibit 25: Volleyball Court - Standard Layout over a Basketball Court

Sport	Field Dimensions	Minimum Acreage
Volleyball Court and half Court	30'x 60'	0.11 acres

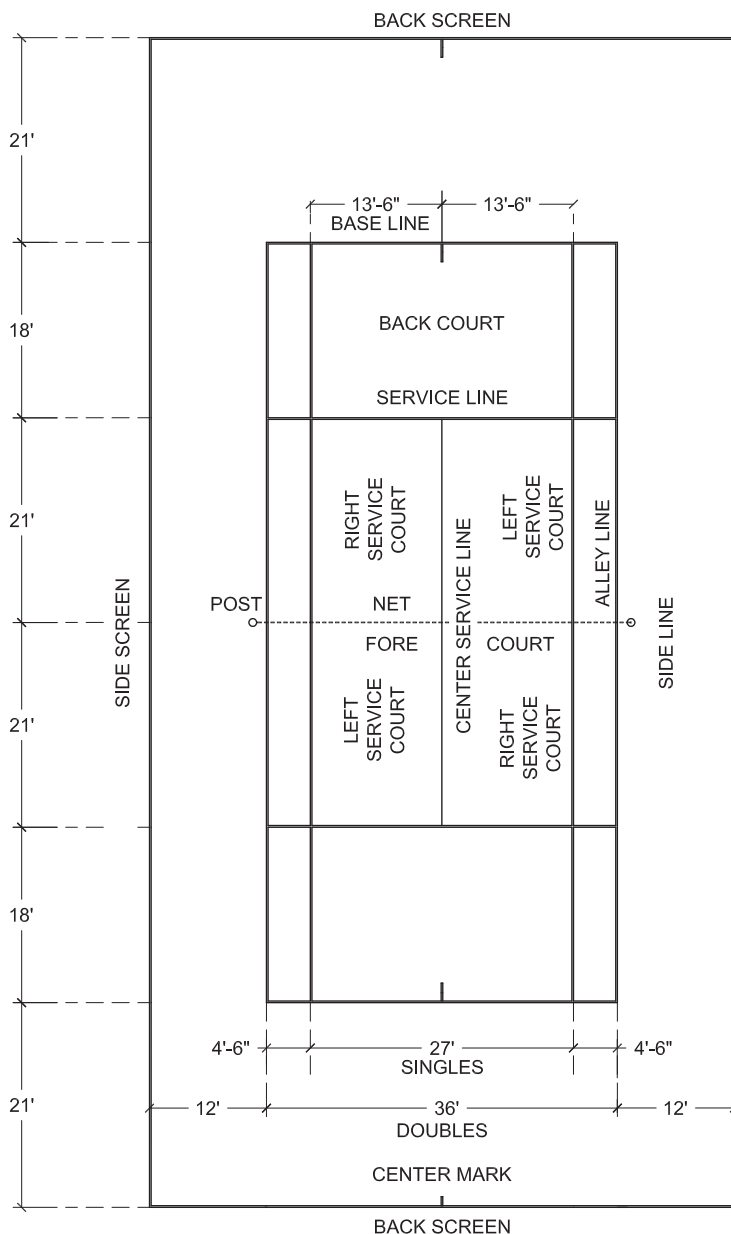


Exhibit 26: Tennis Court - Standard Layout

TENNIS COURTS

The table below lists common dimensions for tennis courts. A diagram of a typical tennis court is provided.

- Tennis courts shall be oriented with the long axis north to south.
- Courts shall be concrete with an appropriate slip-resistant surfacing. Colors shall be determined by the Department during design.
- Side by side courts within one fenced enclosure shall be a minimum of twelve feet (12') apart. End to end courts within one fenced enclosure shall be a minimum of twenty-one feet (21') feet apart.
- All markings on the playing surface shall be applied using a wear-resistant, colored substance, a minimum of two inches (2") inches wide. Color to be determined and approved by the Department during design. Refer to Exhibit 26 for a diagram of a typical Tennis court.
- Provide vented windscreen fabric on perimeter fencing.
- Provide a practice wall (without side walls) on one side or end of the tennis court.

Table 7: Standard Court Dimensions and Acreage for Tennis Courts

Sport	Court Dimensions	Minimum Acreage
Tennis Court	78'x 36'	0.064 acres
Tennis Enclosure	120' x 60'	0.165 acres

VOLLEYBALL COURTS

The table below lists common dimensions and areas for volleyball courts. A diagram of a typical volleyball court is provided to the right.

- Volleyball courts can be concrete, sand or grass. The volleyball surface shall be determined by the project facility program.
- If sand is specified, provide 20-30 mesh silica sand.
- If sand is specified affix court-boundary nylon cords to sub-grade anchors.
- When placed side by side, volleyball courts they shall be a minimum of ten feet (10') apart and a minimum of fifteen feet (15') apart when placed end to end.
- A standard sand volleyball court is thirty feet (30') by sixty feet (60'), with the sand area fifty feet (50') by eighty feet (80') feet. A twelve foot (12') wide zone beyond the sand is typically provided around the court for players to pursue the ball. The total area required is approximately 0.2 acres. Although sand depths vary, a depth between twenty-four inches (24") and forty-two inches (42") is preferred. Refer to Exhibit 27 for a diagram of a typical volleyball court.
- The fifty feet (50') by eighty feet (80') sand area shall be contained by a six inch (6") wide rubberized border.
- The twelve foot (12') zone beyond the sand area shall be turf.
- All markings on concrete playing surfaces shall be applied using a wear-resistant, colored substance. Color to be determined and approved by the Department during design.
- Provide shaded spectator seating adjacent all volleyball courts.
- Adult / teen activities such as volleyball should be located away from small children's activities.

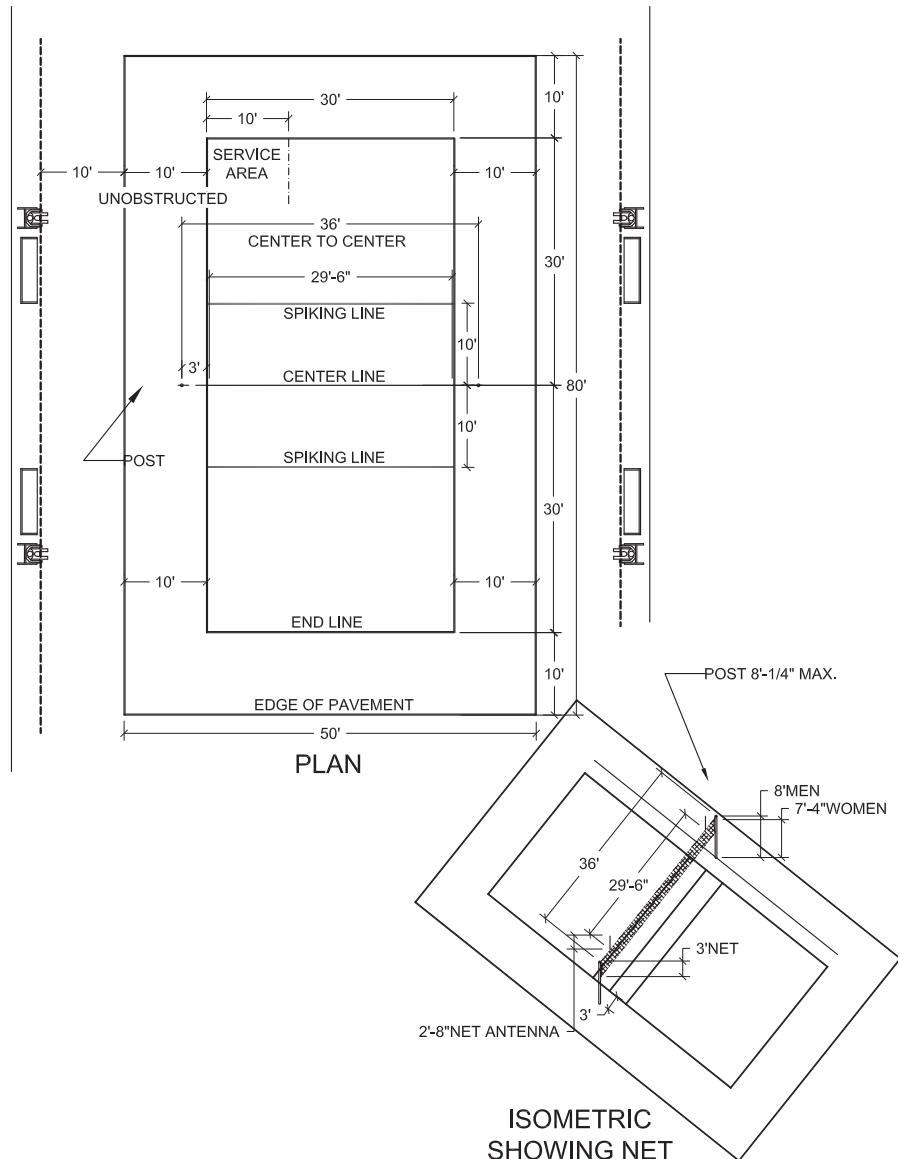


Exhibit 27: Volleyball Court - Standard Layout

Table 8: Standard Court Dimensions and Acreage for Volleyball Courts		
Sport	Court Dimensions	Minimum Acreage
Volleyball	60' x 30'	0.041 acres
Volleyball Play Zone	80' x 50'	0.091 acres

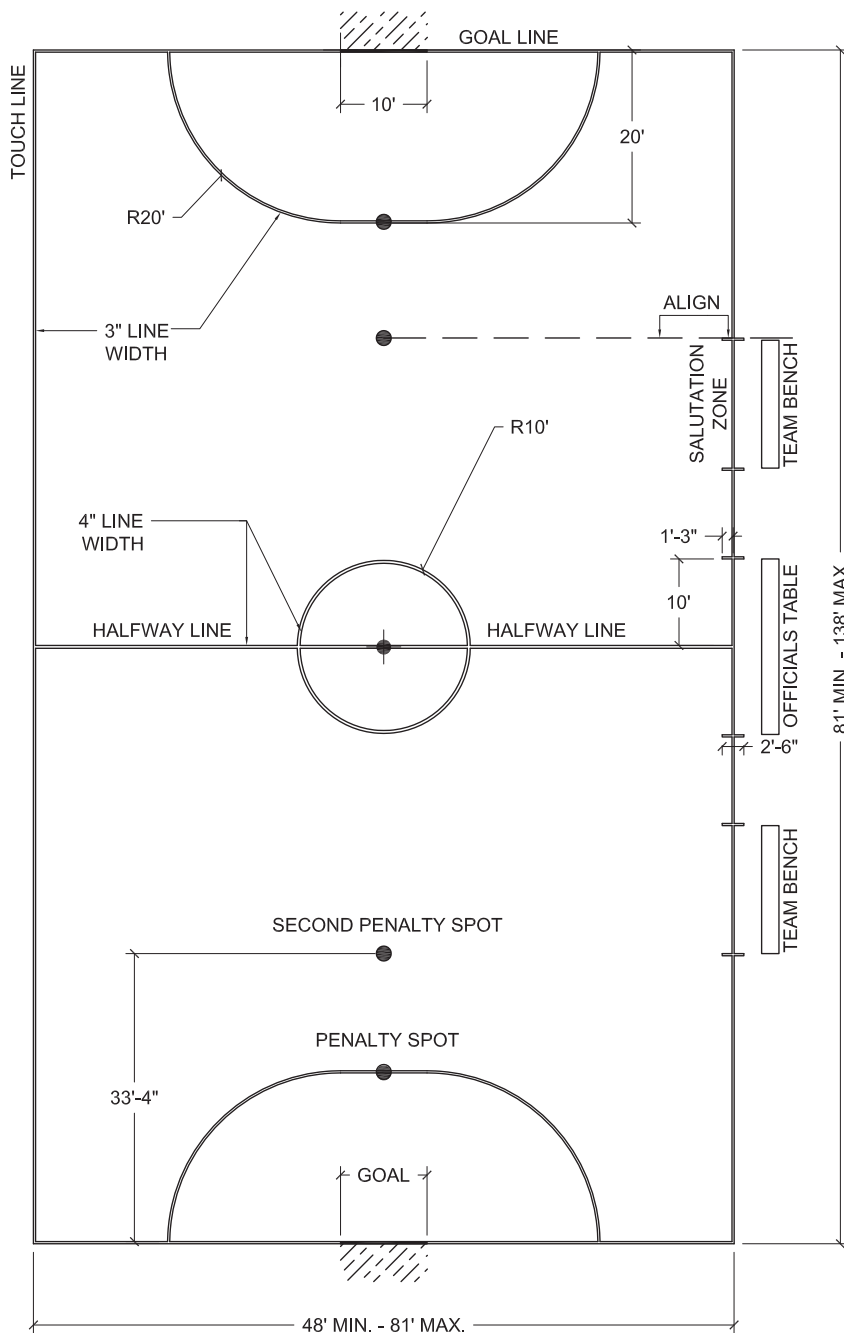


Exhibit 28: Futsal Court - Standard Layout

FUTSAL COURTS

Futsal is a variation of soccer that is played on a smaller playing surface and mainly played indoors on a hard court surface. It is frequently referred to as Five-A-Side or Mini-soccer. It is played between two teams of five players, one of whom is the goal-keeper.

The table below lists common dimensions and areas for futsal courts. A diagram of a typical futsal court is provided to the right.

- Provide hard court surface delimited by lines applied using a wear-resistant, colored substance.
- No boundary walls or boards are necessary.
- Provide court dimensions of eighty-one feet (81') by forty-eight feet (48').
- Provide two team benches and an officials table.
- Provide two goals on each end of the court.

2.5.4 Extreme Sports

There are several characteristics common to most extreme sports. They typically have a younger-than-average target demographic, are rarely sanctioned by schools, and tend to be more solitary than traditional sports. Participants in these activities compete not only against others, but also against environmental obstacles and challenges.

SKATE PARKS

There are a variety of styles of skate parks with varying degrees of difficulty inherent to skate parks. While above ground skate parks offer the convenience of installing moveable skate elements, in-ground skate parks offer greater challenge and a higher degree of flow or movement between the elements. However varied in their design, the County's skate parks shall share the following features and elements inherent to these facilities:

Table 9: Standard Court Dimensions and Acreage for Futsal Courts

Sport	Court Dimensions	Minimum Acreage
Futsal Court	81' x 48'	0.09 acres

- A minimum of 5,000 s.f. skating area should be allocated.
- Skate elements, including complexity and degree of difficulty shall be determined by the Agency based on community needs and desires.
- Skate surfaces shall be smooth concrete with a tubular steel perimeter fence enclosing the area.
- Provide a vehicular maintenance pathway and double-gate entry for vehicular access.
- Provide shaded spectator bleachers and a drinking fountain.
- Surfaces shall slope to capture and manage storm water run-off.
- Provide sports lighting sensitive to spill-over into the surrounding neighborhood.
- Locate facility away from small children's activities.
- Provide a pedestrian path linking the skate park to the park's primary circulation path.

teenagers and adults of all fitness levels.

HORSESHOE PITS

- Provide this recreation element as directed by the facility program.
- The overall length is 48' long and 6' wide, and includes The Pit, The Pitching Platform, and The Stake.
- A diagram of a typical horseshoe pit is provided below.

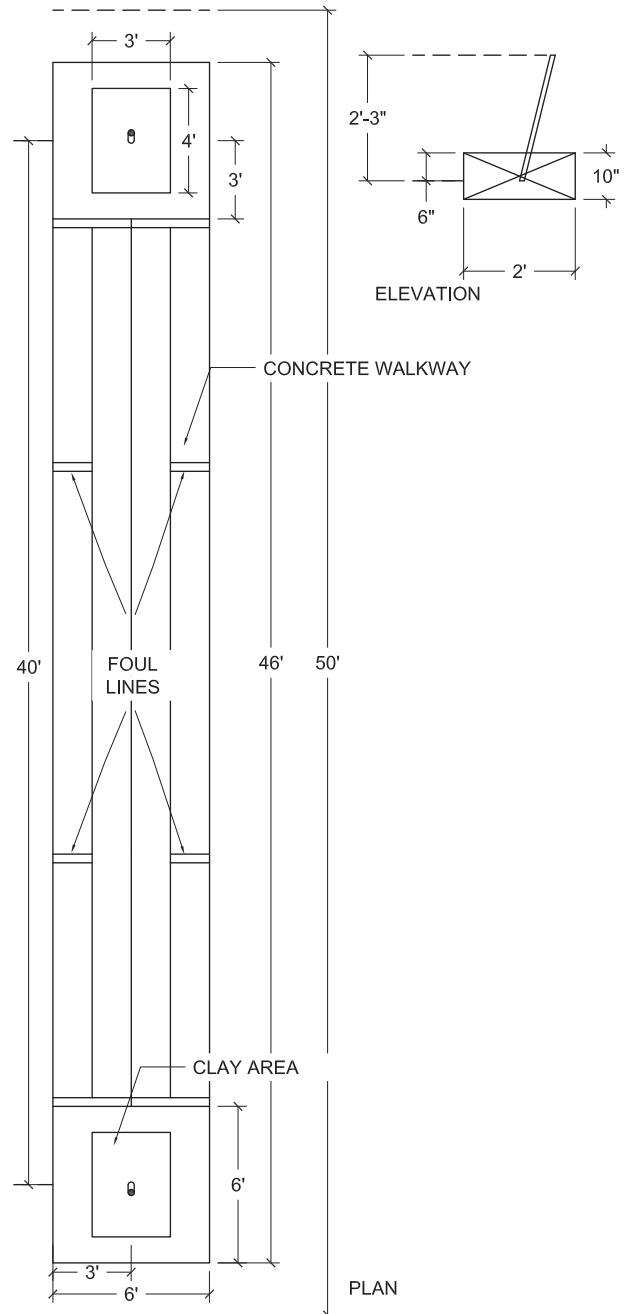


Exhibit 29: Horseshoe Pits - Standard Layout

2.5.5 Active Recreation Amenities

To promote a healthy active lifestyles, the inclusion of non-traditional sports activities and creative recreation amenities are included in park design. These amenities have emerged as popular park amenities.

FITNESS ZONES

Fitness zones are outdoor facilities designed with kinetic exercise equipment, to promote general health by encouraging active participation on high quality outdoor equipment.

- Provide ADA accessibility into the fitness zone.
- Provide a surface material consistent with achieving ADA access to the individual exercise apparatus.
- Provide durable and vandal resistant equipment appropriate for

2.5.6 Children's Play Areas

Children's play areas fall into two age group classifications: Pre-school age children of two to five (2-5) years and school age children ages five to twelve (5-12) years. Each age group category must have a distinctly different space with required separations.

Provide children's play areas as directed by the project facility program.

SPATIAL CONSIDERATIONS

- Pre-school age children play areas, often referred to as tot-lots, shall have a suggested area of 2,500 s.f., and shall be designed for pre-school age children of two to five (2-5) years of age, and have a recommended maximum deck height of forty-eight inches (48").
- School age children play areas shall have a suggested area of 5,000 s.f., and shall be designed for five to twelve (5-12) years of age and have deck heights ranging upwards of six feet (6').
- Composite play areas that serve children of both two to five (2-5) years and five to twelve (5-12) years shall be a minimum of 7,000 s.f. in size with functionally separate play structures and events.
- In single composite play areas that service children of both two to five (2-5) years and five to twelve (5-12) years, provide space and/ or a barrier to separate the two age groups and ensure that play patterns do not interfere with one another.
- Play areas should be sited with safety in mind and follow the following criteria:
 - Maintain 150' from vehicular travel or provide a forty- two to forty- eight inch (42"-48") high fence to prohibit children from running into vehicular traffic.
 - Maintain a safety buffer around all baseball / softball fields. Refer to Exhibit 30: Buffer Between Children's Play Areas and Ball-

fields for minimum distances.

- Maintain one hundred feet (100') from a basketball court or provide adequate fencing.
- Play areas should include shaded seating for parental supervision such as benches under tree canopies or in close proximity to group picnic areas.
- Develop playgrounds that provide enhancement of children's total developmental needs, including physical, social, creative, reflective and tactile experiences.
- Linkage of play areas to open space is desirable.
- Develop natural barriers or features to segregate play areas from conflicting or incompatible uses.
- Provide unobstructed lines of sight between separate play areas for ease of supervision.
- Provide shade structures that are free-standing or attached to the play structures.
- Provide shade structures with steel posts, and rigid metal roofing or shade fabric.
- Provide restrooms with hot water preferably, within 100' of play area.
- Restrooms must be in a clear line of sight from play areas.
- Provide ADA compliant water fountains in close proximity to play areas.
- Drinking fountains shall be located a minimum of twenty-five feet (25') from all play areas.
- Drinking fountains shall be visible from play areas.
- Design facilities to permit use by the physically disabled by providing ground play opportunities, transfer points to elevated play, and either ramps with engineered wood fiber or flush installation of rubber tile surfacing.
- Scale equipment and apparatus to the size of the intended users.
- Provide irrigation quick-couplers outside the perimeter of play areas. The distance between quick couplers shall be fifty feet (50').

LAYOUT

- Provide age designation signage at the entrance of each play area that states the age appropriateness of the play equipment and recommendations for adult supervision.
- Provide an ADA compliant access ramp near the play equipment transfer deck per the Consumer Product Safety Commission (CPSC) Guidelines.

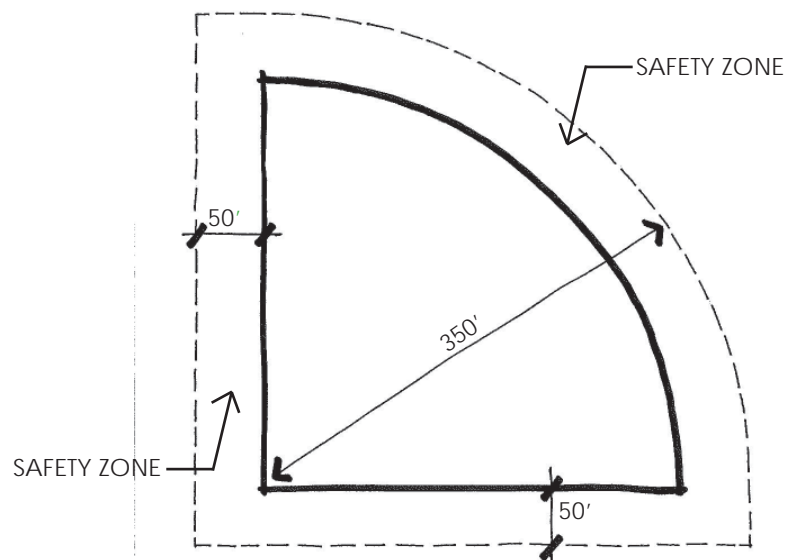


Exhibit 30: Buffer Between Children's Play Area and Ballfields

- Provide a two-inch (2") clearance between the finished surface of the engineered wood fiber or playground sand, and the top of adjacent play area curb. The preferred surfacing for fall attenuation is engineered wood fiber with a minimum depth of sixteen-inches (16").
- Orient the swing area away from the active play area to avoid conflicts in play circulation. Swings can be either visually or physically separated from the active play area.
- Provide an additional two feet (2') between the required fall zone of a play component and the play area containment edge.
- Equipment layout including fall zones must follow current CA State law AB1144 Harmon, ADA regulations, Consumer Product Safety Commission (CPSC) Guidelines, and ASTM.
- As a general rule, provide a one hundred and fifty cubic foot (150 cu. ft.) drain sump per one thousand five hundred square feet (1,500 sq. ft.) of play area surface.
- All sumps shall follow the County Standard Details, with a drain pipe connecting all sumps within the play area to a sump outside the play area.¹
- Where possible, an overflow drain pipe shall be used to connect the drain sump outside the play area to the nearest storm drain. An alternate drainage outlet may be located through a curb to the storm drain or to a rip-rap outfall.
- All play structure footings shall be per the manufacturer's details, and are to be a minimum of eighteen inches (18") diameter by three feet (3') deep.
- Where non-standard manufacturer footings are required, the County prescribes that the vol-

ume of concrete be multiplied by one and a half, with the minimum depth to remain at three feet (3').

- All posts shall extend to the bottom of the footing with a minimum clearance of three inches (3") on all sides of concrete footing. Provide a clamp or other acceptable mechanism to anchor the post inside the footing.
- Curbs and ramps should all be as per County Standard Details.¹

EQUIPMENT

- The Department shall approve colors of the play components.
- Playground equipment and design shall meet current U.S. Consumer Product Safety Commission (CPSC) guidelines and standards as set forth in the Handbook for Public Playground Safety, as intended by SB 2733, and updated as per AB 1144 (Harmon), and shall meet or exceed ASTM standards.
- All play equipment shall be IPE-MA certified.
- Playground design shall comply with the latest requirements of ADA for public agencies, which include accessible elevated, and ground level events.
- As a rule, play equipment shall be from the standard manufacturer's equipment currently specified at County Parks. However, different equipment may be installed as directed by the facility program.
- Alternative play equipment such as climbing boulders or concrete animal sculptures may be used as directed by the facility program.
- Playground equipment components shall be specified of durable construction with:
 - Five inch (5") primary post-size minimum.
 - UV stabilized rotomold polyethylene .
- All plastic components shall be constructed with UV inhibitors for longevity.
- Hardware shall be of an uncommon head type or have an insert/cover for vandal deterrent purposes.
- Ropes shall be constructed of nylon with a steel core.
- Play equipment design shall consider durability and the long-term maintenance requirements of the specific equipment, as well as the potential for vandalism and graffiti.
- All proposed play equipment is expected to be in place for a minimum of twenty (20) years.
- Wooden play equipment shall not be specified.
- Swings shall be provided as a standard element in all play areas.
- The design and equipment shall include a variety of play elements that encourage:
 - Swinging
 - Spinning
 - Hand over hand and side to side climbing
 - Balance challenges
 - Overhead activities
 - Sliding
 - Sensory development
 - Crawling
 - Imagination
 - Adventure
- The Department encourages unique innovative designs that provide increased play value, i.e. electronic play systems.
- Play area themes may be considered where the budget is not adversely affected by the introduction of custom designed elements.

¹ For a copy of Play Equipment Standard Installation Details" Contact County of Los Angeles Department of Parks and Recreation Development Division Telephone number 213-639-6706

SURFACING

- The preferred surfacing for fall attenuation is engineered wood fiber with a minimum depth of sixteen inches (16").
- Rubber tile may be used as an alternate with the stipulation that the critical fall height be increased by one foot (+/-1') from the actual equipment requirements, and all tile in the same plat site shall be the same thickness.
- Rubber tile shall be installed over a four inch (4") nominal slab with #4 rebar at eighteen inches (18") on-center each direction.
- All rubber tiles shall be provided with a fifteen-year warranty (not pro-rated) to ensure the surfacing meets the required fall attenuation.
- Poured-in-place rubber surfacing will not be accepted as a play surface.
- Provide nominal 3'x 3' rubber mats as per County Standard Details under all swings, and at all slide exits when engineered wood fiber or sand are used for the fall surface.

2.5.7 Splash Pads

All design criteria for splash pads and their associated equipment must comply with the latest standards provided by the County of Los Angeles Department of Public Health (DPH), current plumbing and electric codes, and all local jurisdictional requirements.

Design reviews for Splash Pads should include the Field Agency's Aquatics Division in addition to the typical design review process.

SPATIAL CONSIDERATIONS

- Shade sails shall be provided over the splash pad to ensure that the surface water temperature does not get too hot. Verify heights of all water feature equipment to provide adequate clearance



from shade sails.

- Shaded benches should be provided outside the splash pad for parental observation.
- A decorative fence with appropriate corrosive-resistant finish should be used around parts of the splash pad as a measure of safety.
- No sand or wood fiber play area surfacing shall be allowed within a minimum radius of:
 - One hundred feet (100') for sand.
 - Fifty feet (50') for wood fiber
- Care should be taken to determine wind directions and assess the possible impacts of over spray onto vegetation within the vicinity of the splash pad.
- No deciduous or pine trees shall be planted near or around the splash pad.
- The accumulation of leaf debris or grass clippings should be minimized around the splash pad, to reduce water filtration issues.
- Provide seat walls at the perimeter of the splash pad to prevent debris from reaching the pad.
- Provide design features to dis-

courage skateboarding on the seat walls.

- Provide graffiti coating to all seat walls.
- Provide an ADA path of travel to the splash pad area.
- Provide ADA restrooms with warm water service in the proximity of the splash pad.
- The Splash pad surface area should be a minimum of 2,500 square feet.

DESIGN REQUIREMENTS

- Provide a combination of in-ground spray orifices and stainless steel upright equipment as sources of the spray features.
- Splash pad moving and overhead features shall be constructed of light weight fiberglass materials.
- The spray from all splash pad elements shall be restricted to the limits of the splash pad finished surface. For example: the reach of cannon arcs sprays shall be restricted to the outer edge of the splash pad.
- A minimum area of 20' X 10' is required for the 4,000 gallon underground water storage tank.
- A minimum area of 30' X 30' is re-

quired for the mechanical equipment enclosure.

- Provide a 2' wide walking clearance around entire mechanical skid.
- Provide a lockable welder's box with dimensions of 15"H x 31"W x 18"D minimum. Locate the box in the mechanical enclosure off the finish floor. If the enclosure is Contractor provided, paint the enclosure to match the mechanical enclosure.
- Pool type signage as well as emergency shut off signage are required per DPH codes.
- Provide a hedge around the Water Quality Management System (WQMS) shelter to discourage graffiti, provide sound reduction, and improve park aesthetics.

SURFACING

- Splash pad surface should be durable and non-slip with a colored pattern design.
- Where colored concrete is being used as the surface of the splash pad, the finish should be a medium broom finish.
- Provide slip-resistant surfaces on the tops of all seat walls.

EQUIPMENT

All the splash pad mechanical equipment shall be located within an enclosed shade structure and comply with the following criteria:

- One wall shall have double doors wide enough to accommodate the replacement of any mechanical equipment within the enclosure.
- All walls should provide 15% to 20% passive ventilation in the form of perforated screening.
- Allow sufficient spacing between chemical containers, and for electrical equipment per local codes and jurisdictional regulations.

- Provide lighting and adequate space for daily testing and monitoring of the system.
- Provide a concrete surface within the shelter, sloped to provide positive drainage to a sanitary sewer.
- Provide sanitary sewer/leach field a minimum of 32" below grade immediately adjacent to the Water Quality Management System (WQMS).
- Provide accessibility to all equipment and proper OSHA clearances for serviceability.
- Provide an eyewash and shower station per safety regulations.
- Provide factory maintenance and operation training, including maintenance and equipment manuals at the project turn-over to the Department.
- Operate the Water Quality Management System (WQMS) at least one week before project turn over.
- Provide 2 (two) extra filter pump screens, feature pump screens, and wye strainer screens at project turn over.
- Avoid installing the floor drain box underneath the equipment skid.

ELECTRICAL

- Provide a 100 AMP three-phase power source.
- Emergency shut off push button switch shall be provided to shut down the control panel.
- The emergency shut off button shall be accessible and covered with a clear cover installed at 48" above finish surface. Provide emergency shut off signage visible from the splash pad. Verify ADA switch height.
- Provide lighting for the mechanical equipment enclosure. The lighting switch shall be installed near the entryway column. Fixture, conduits, boxes and fittings shall be of weather tight materials

and installed per code. Provide a ground fault 20 amp circuit (gfi) outlet as required by code.

- Clearances in front of panels shall be per code with panel schedules and circuitry identified.

PLUMBING

- Per Public Health Department requirements, provide tempered warm water to sinks in the nearest restroom or Comfort Station.
- Provide a 1-¼" domestic water source.
- Provide perimeter protection to the underground water storage tank and its associated plumbing with, but not limited to bollards.
- Provide Eye Wash / Drench Combination Safety Shower piping to the domestic side of the backflow device.
- Provide backflow protection from splash pad holding tank.
- Provide a pressure regulator when inlet pressure exceeds manufacturer's tank fill valve recommendations.
- Domestic water supply line to be 1-¼" iron pipe size brass or type "K" copper.
- Provide a quick coupler within 100' of the furthest edge of splash pad. Insure the quick coupler is backflow protected.
- All PVC pipe joints shall be solvent weld cement. No mechanical joints will be allowed under concrete or turf.
- Locate Chemical Vats next to the Water Quality Management System (skid) at 2-corners on the same side. If the design requires vats to be located next to the enclosure wall, provide a 1" PVC conduit with sweeps for routing of the chemical supply tubing under the concrete slab.
- Provide inlet & outlet isolation ball valves on the chemical controller water sample well. Provide UV

protected poly tubing on the skid.

- Provide support brackets where needed to eliminate pipe movement on all hard piping located on the skid. No piping shall move on start up or shut down.
- Provide a skid tool repair kit and chemical Photometer for water quality testing.
- Post a Material Safety Data Sheet (MSDS) inside the equipment enclosure.
- Provide 300 pound rated ladders in each water holding tank.
- Clean all tanks and boxes of construction debris, dirt, etc. before start up.
- WQMS feature valves shall have chloramines resistant diaphragms. Valves and solenoids shall have a 225 pound rating.

2.5.8 Passive Recreation Areas

A passive recreation area may be defined as an open, unobstructed area used for non-programmed recreation activities.

OPEN PLAY AREAS

- Where possible, passive open play areas shall remain unobstructed by trees, to support activities such as throwing a ball, a frisbee, and/or flying kites.
- Locate passive open play areas adjacent to picnic and children's play areas.
- Provide shade trees at the perimeter of open play areas.
- Provide regulatory signs that describe the permitted uses within open play areas.
- Passive open play areas shall not slope greater than 5%.

GROUP PICNIC AREAS

- Small group picnic areas shall accommodate twenty-five to fifty (25-50) people.
- Large group picnic areas shall ac-

commodate fifty to one hundred (50-100) people.

- Provide a shade shelter for all group picnic areas.
- Provide lighting within shade shelters where indicated by the facility program.
- Provide one (1) barbecue grill for every two (2) picnic tables, or one (1) double barbecue grill for every four (4) picnic tables.
- All barbecue grills shall be ADA accessible and have a clearance of two-feet six-inches (2'-6") at each side of grill.
- Provide a counter top equipped with a sink and keyed faucet where indicated by the facility program.
- Provide a keyed quick coupler adjacent to the group picnic area to facilitate wash-down by park maintenance staff.
- Provide security fencing around group picnic areas for rental purposes, where indicated by the facility program.
- Provide signs with picnic area name or number for identification and rental purposes.
- Provide restrooms within one-hundred fifty feet (150') of group picnic areas.
- All group picnic areas shall be ADA accessible. Any exception shall have prior approval of the Department.

INDIVIDUAL PICNIC AREAS

- Provide a minimum of two picnic tables per acre for each of the first three (3) acres, then one (1) picnic table per acre thereafter.
- All individual picnic areas shall be ADA accessible. Any exception shall have prior approval of the Department.

2.5.9 Park Furnishings

On January 16, 2007, the County

Board of Supervisors adopted a Countywide Policy instructing all County Departments to implement the County's Energy and Environmental Programs.

County Departments have been directed to:

- Ensure that all park furnishings are products of "Green" purchasing or Environmentally Preferable Purchasing (EPP), which effectively minimize negative environmental impacts over their life cycle.
- Purchase products that include recycled and natural materials content, are durable and long lasting, conserve energy and water, reduce greenhouse gas emissions, use unbleached or chlorine free manufacturing processes, and use wood from sustainable harvested forests.
- Reference the Green Seal² web site for product and service information regarding examples of EPP products.
- Ensure that Contractors and vendors are familiar with the County's initiative to purchase environmentally preferred goods, products, and services.

In addition to complying with the County's Energy and Environmental Programs:

- Provide consistency in the design character of park furnishings including park signs, light fixtures, drinking fountains, trash receptacles, benches, etc.
- All park furnishings must be securely anchored to paving or installed in footings.
- Provide skateboarding stops on edges of concrete benches and low seat walls.

PICNIC TABLES

- Picnic tables shall be a minimum of six-feet (6') long.

² Green Seal Corporate Office 1001 Connecticut Avenue, NW Suite 827 Washington, DC 20036-5525 USA Phone: 202-872-6400 Fax: 202-872-4324 Email: greenseal@greenseal.org

- Each picnic table shall be located and anchored in the center of a four-inch (4") thick reinforced concrete pad, minimum size of ten-feet by nine-feet (10' x 9').
- Provide a four-foot (4') clearance between each picnic table or other obstructions.
- All picnic tables shall be ADA compliant, and accessible from ADA path of travel. Any exception shall have prior approval of the Department.
- Picnic tables at ADA accessible locations shall have one wheelchair accessible end.

BENCHES

- Provide benches at key locations throughout the park including at the park entry, at regular intervals along the main circulation path, singular and grouped to support gathering, for viewing activities or vistas, and at recreational facilities such as organized play areas, tennis courts, etc. for supporting the visual supervision of children.
- The minimum length of a seating section shall be six-feet (6').
- Whenever possible, situate benches with back toward a wall, landscape planting, or trees to increase a sense of user security.
- Set benches back from circulation paths of travel to reduce pedestrian obstructions.
- Benches shall be located to maximize shade opportunities in the summer and sun exposure in the winter.
- Benches are required at all playgrounds and athletic courts.
- Benches shall be evenly distributed throughout the park.
- Benches shall be located adjacent to a path of travel and shall be ADA accessible with adjacent ADA companion seating as illustrated in Exhibit 31.
- Provide benches designed with a center armrest or center break to discourage patron sleeping.
- Benches can be free standing or integrated into walls or other design features.
- Benches shall be permanently installed unless otherwise instructed by the facility program.

DRINKING FOUNTAINS

- One (1) standard and one (1) ADA compliant drinking fountain shall be located outside of each

restroom building.

- Drinking fountains are required near (with a clear line of sight from) athletic courts, group picnic areas, restrooms, sports facilities, and children's play areas.
- All drinking fountains located within close proximity to children's play areas shall be visible from parent seating areas.
- All drinking fountains shall be vandal resistant.
- All drinking fountains shall be ADA compliant and positioned so that pathways are not obstructed by the drinking fountain user.

BICYCLE RACKS

- Bicycle racks shall be located near park amenities accessible by vehicular roadways.

TRASH RECEPTACLES AND HOT COAL RECEPTACLES

- Provide an adequate number of trash receptacles throughout the park. At a minimum, the trash receptacles shall be located near all parking areas, at the entrances to major buildings and restrooms, playgrounds, picnic areas, spectator areas, and at active recreation areas.
- Hot coal receptacles shall be placed near all picnic areas having barbecue grills.
- Trash receptacle design shall match park furnishings, wherever feasible.
- Place all trash and hot coal receptacles on concrete pads. Concrete pads must have a twelve inch (12") unobstructed perimeter on all sides for ease of mowing.
- Provide trash and recycle bins as indicated by the facility program.

BARBECUE GRILLS

- Provide one (1) barbecue grill for every two (2) picnic tables.
- All barbecue grills at ADA acces-

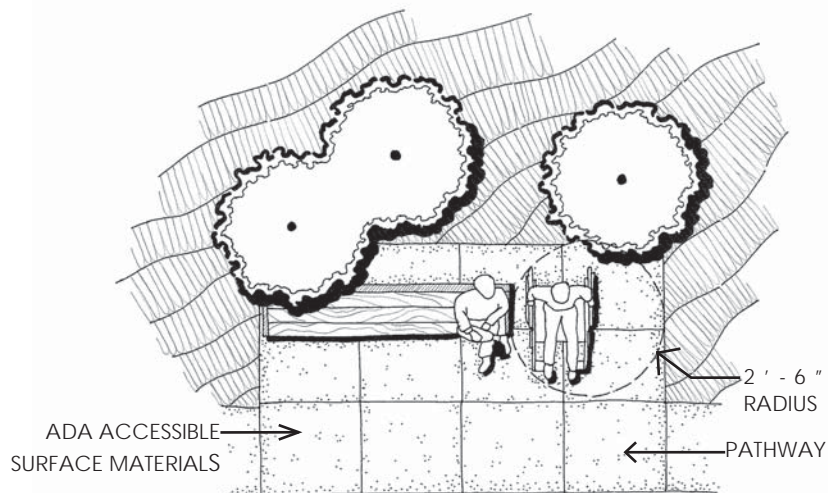


Exhibit 31: Park Bench with Adjacent ADA Companion Seating

sible sites shall be wheelchair accessible.

- Group and individual barbecue grills shall be in-ground mounted pedestal type with a side utility shelf. Firebox size shall be approximately 20" wide x 15" deep x 10" high, and is constructed with a minimum 3/16" thick steel.
- Provide built-in barbecues per the facility program.

ADDITIONAL SITE FEATURES

- Boulders may be used to define pedestrian or vehicular edges and boundaries, as well as for drainage rip-rap, and in dry stream swales.
- Boulders may also be used for casual seating, decorative effects, etc.
- Boulders shall not be placed in active recreation or open play areas, play area fall zones, and/or in any area where they would conflict with recreation activities or create a physical hazard.

PARK SIGNAGE

- Each park shall have a park identification sign at its main entry with the park facility name and appropriate County seals.
- Park identification, information, and regulatory signage shall be uniform in design and compliment the overall park design.
- Provide a park information board and/or kiosk to promote park events and activities, as indicated by the facility program.
- Provide an educational kiosk as indicated by the facility program.
- Signage shall be kept to the minimum sizes necessary to clearly direct and inform the park users.
- Any graphic/interpretive element displays with narrative information shall be located where best viewed by a seated individual, and the written information shall also be provided in brail.

PARK DUMPSTERS

- Locate dumpsters away from park users, to minimize offensive odors.
- Provide a level access approach, and a minimum ten-feet by twelve feet (10' x 12') concrete pad for each dumpster.
- All dumpster pads must be positioned to allow the trash truck to approach the containers head on. Ensure that the turning radius, truck length, and angle of approach are adequate.
- Maintain a twelve foot (12') wide opening to the enclosure, and provide gate stops to secure the gates in an open position.
- Provide a securable and gated enclosure around the dumpster pad. Maintain a ten foot by 12 foot (10' x 12') clearance within the enclosure.
- Dumpster pads shall be positioned with their long axis perpendicular to the vehicular truck access.

FENCING

- For new park projects, refer to the project facility program for fencing types and their proposed locations.
- For park refurbishment projects, new fencing shall match existing park fencing unless otherwise specified in the facility program.
- Provide a one foot (1') wide concrete mow strip under all tubular steel and chain link fencing placed in landscaped areas.

2.6 Landscaping

Water conservation is an important focus in the development of park landscapes. These guidelines address water conservation through the use of drought tolerant plant materials and the design of efficient irrigation systems.

The Appendix of this document includes three plant lists:

- Preferred Plant List - Potable Water
- Preferred Plant List - Recycled Water
- Do Not Use Plant List

The Preferred Plant Lists consist of drought tolerant plant material known to perform well in a park environment. This list may be augmented by the designer to achieve the water conservation and design objectives of each park project. The use of plants beyond those included on the Preferred Plant List will be reviewed for suitability by County Staff during the design review process.

The Do Not Use Plant List consists of plant material considered inappropriate for County parkland. These plants may be invasive, short lived, delicate, require intensive maintenance or a strong attractant to bees. The use of plants on this list will not be allowed.

2.6.1 Planted Areas

DESIGN CONSIDERATIONS

- Landscape designs must be sensitive and appropriate for the project site to minimize disruption to existing plant habitats. Use climate appropriate drought tolerant plants to support the design intent. Planting designs should incorporate biodiversity, and water conservation.
- Use only non-invasive plants that are nursery grown or legally harvested.
- Select plant materials that promote and support the regional identity to the park location.
- Park designs may include low maintenance naturalized areas with either a four inch (4") layer of mulch, decomposed granite paved areas planted with native trees, or a combination thereof.
- Natural and naturalized areas may accommodate passive recreation activities such as picnicking, biking, nature trails with interpretive signage and rest areas, or similar activities.

- Naturally occurring landscape features including tree groves, dry streambeds, rock features, and earth forms are desirable design elements in new park designs, and enhance the natural character of the site. These features shall be protected if they are existing.
- California Native species should be used in parks having the following natural settings: special use sites and corridors, graded slopes in environmentally sensitive areas, riparian areas, wetland and watershed rehabilitation areas, wildlife habitat restoration areas, post-fire rehabilitation areas, and demonstration gardens.
- Preserve all oak trees, native sycamores and other trees designated as natural resources by local, County, State or Federal entities.
- Use plant materials and trees around buildings to create microclimates, lower energy consumption, and reduce costs associated with indoor energy needs.
- To reduce the amount of radiant heat generated from the reflection of hardscape surfaces (urban heat island effect), provide trees or vegetated structures to shade walkways, roofs, or parking lots.
- Medium canopy trees with non-invasive roots shall be specified for areas adjacent to paved circulation paths and parking, to provide shade, reduce heat build-up, and minimize glare.
- Locate vegetated bio-swaes outside of active recreation areas to achieve stormwater management goals for the park site.
- Foundation planting may be incorporated where planted areas occur adjacent to buildings. These areas may include raised or in-ground planters.
- Control and remove invasive plant species to minimize damage to local plant ecosystems.
- Mitigate potential fire hazards in designated fire threatened areas per County Standards.
- When designing planting areas adjacent to public streets, design consideration should be given to compliment the existing planting design within the right-of-way, to maintain design continuity.
- Shrubs should be selected and located with consideration for their function and size at full maturity

to minimize pruning, and maintain the natural characteristics of the selected shrubs.

- Provide a two inch (2") layer of organic mulch (free of weed seed) to all planted areas.
- In areas where security is an issue, visibility into and out from the park should remain unobstructed by landscape plant materials.
- Planter areas shall be planted with low maintenance, drought tolerant, hardy plants.
- To support security and visual surveillance, shrubs planted along property line fences should not grow above eight feet (8') high, while shrubs planted in open areas should not grow over four feet (4') high.
- Turf types that require less mowing and water shall be selected. Plant all sunny open turf areas and recreation fields with warm season hybrid bermuda grasses.
- Turf areas shall be graded no steeper than a 5:1 slope for easy mowing.
- Separate planted areas from turf areas with a six inch (6") wide poured-in-place concrete mow strip, unless otherwise directed by the facility program.
- Trees planted in turf areas adjacent to the street shall be set back a minimum of six feet (6') from the curb face.
- Trees planted five feet (5') or less from hardscape surfaces require root barrier protection. The root barrier shall be placed adjacent and parallel to the hardscape, and span a minimum of five feet (5') in both directions along the pathway from the center of the tree.
- A combination of dense landscaping, screen walls, berming and/or mounding may be used to screen service, loading, maintenance and storage areas, trash enclosures, utility cabinets, and

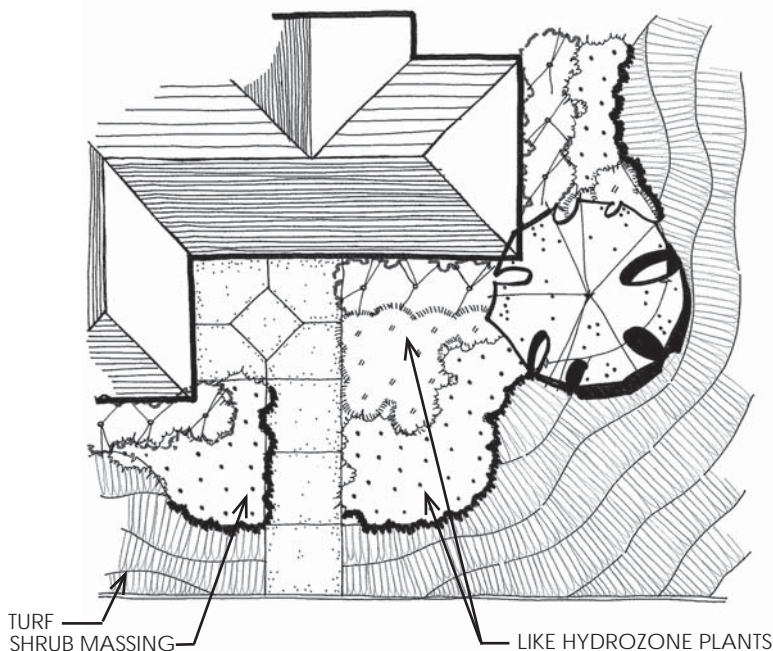


Exhibit 32: Building Foundation Planting Example

other similar elements.

- All designs shall identify the most appropriate areas to include shrubs and ground cover plantings, to maximize water conservation. To accomplish this, a Parkland Activity Use Analysis is a useful tool for determining which areas are the most suitable for shrubs and ground covers. Exhibit 33 illustrates an example of a Parkland Activity Use Analysis. This analysis identifies:

1. Active Sports Areas (turf required)
2. Passive Recreation Areas (turf typically required)
3. Potential Planted Areas (remaining non-pedestrian areas suitable for planted areas)

PLANT MATERIAL

Lists of preferred plant materials for use in County Parks have been provided in the Appendix of this document. These lists have been developed as a design aid and may be augmented by the designer to achieve the water conservation and design objectives for the park.

- Prior to developing a Planting Plan verify the approximate date that the existing or new park is expected to be connected to a recycled water mainline. This information can be obtained from the Department's Planning and Development Agency³.
- If the park is more than two (2) years away from connection to recycled water, the Potable Water Plant List will assist the designer in preparing an appropriate plant palette.
- If the park is within two (2) years of connection to recycled water, the Recycled Water Plant List will assist the designer in preparing a successful plant palette.
- Group plant materials with similar water requirements into common hydrozones.

- Do not use invasive plant materials. Reference the "Do Not Use Plant List" located in the appendices for invasive plant species listed for your park site location. For further information reference the "California Invasive Plant Council Invasive Plant Inventory" at Cal-IPC.org⁴
- Do not use plants that require greater than moderate water usage as defined in Water Use Classification of Landscape Species list (WUCOLS III) as referenced in "A Guide to Estimating Irrigation Water Needs of Landscape Plantings in California" (WUCOLS III)⁵.
- All planting designs shall achieve the water conservation requirements of the "Water-Efficient Landscape Ordinance" For a copy of the County's Ordinance contact Land Development Division Los Angeles County Department of Public Works Phone: (626) 458-4921 Fax: (626) 458-4949

The plant materials list included in the appendix consists of drought tolerant and low to moderate water-use plants that are appropriate to use in County facilities. The preferred plant materials (indicated with an X) are hardy. If the park is irrigated with recycled water, cross reference the plant palette with the Recycled Water Plant Materials List.

PLANT MATERIALS TOLERANT OF RECYCLED WATER

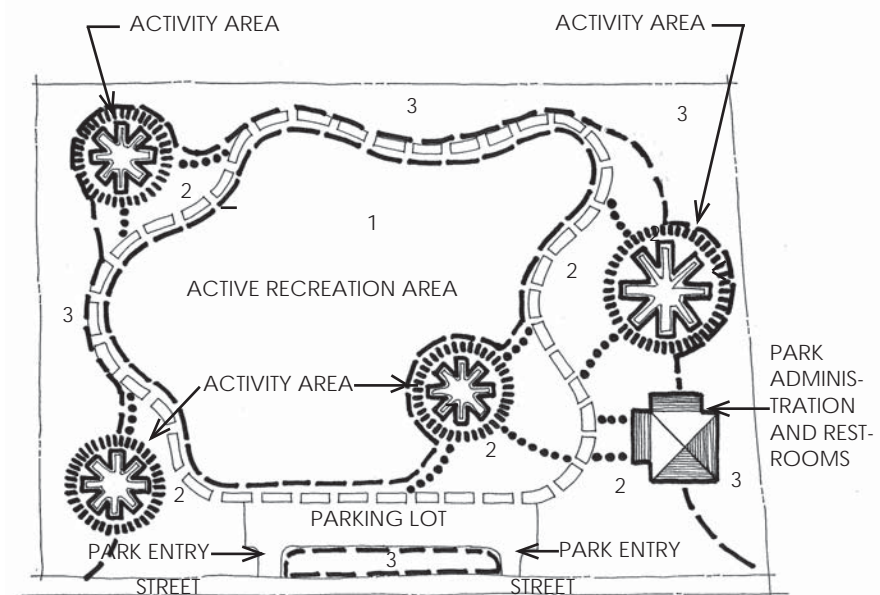
For landscapes irrigated with water having high levels of salinity, an integral element for evaluating biological criteria will include assessing the plant material species for their tolerances to salinity. Investigate the salinity-related parameters of your landscape's irrigation water and soil. Reference the "Salinity Management Guide,"⁶ and "Salt Management Guide for Landscape Irrigation with Recycled Water in Coastal Southern California a Comprehensive Literature Review"

POTABLE WATER PLANT MATERIALS

4 <http://www.cal-ipc.org>

5 <http://www.owue.water.ca.gov/docs/wucols00.pdf>

6 The "Salinity Management Guide" is available on an interactive, user friendly CD-ROM. For a complimentary copy of the CD please contact Tammy Russo at trusso@nwri-usa.org



Legend

1. Active Sports Areas (turf required)
2. Passive Recreation Areas (turf typically required)
3. Potential Planted Areas (remaining non-pedestrian areas suitable for planted areas)

Exhibit 33: Parkland Activity Use Analysis Example

3 Department of Parks and Recreation Planning and Development Agency: (213) 639-6706

7. Evaluate the soil salinity parameters by:

- Obtaining salinity-related parameters for irrigation water, by either requesting a report from the water jurisdictional agency serving the park, or submitting water samples to a commercial analytical laboratory, and by;
- Collecting soil samples from the subject landscape and submitting them to a commercial soil analysis laboratory, along with analytical information received from the water provider.

Submit all laboratory recommendations with the construction documentation package.

PLAN REQUIREMENTS

- Provide a list of plant materials proposed for the project. The plant legend must include the following information:
 1. Plant symbol for trees, shrubs, groundcovers and vines
 2. Genus and common name
 3. Container size
 4. Quantity
 5. WUCOLS III regional plant water needs

The planting plan shall also include a Hydrozone Table (see Table 10). This table must include the following information:

1. Hydrozone Number (in relationship to the hydrozones in the

7 <http://www.salinitymanagement.org/>

Planting Plan). Identify all hydrozones by a heavy dashed line and numeric hydrozone labeling system.

2. Water Needs and Plant Factor (as defined by WUCOLS III)
3. Square footage of each hydrozone area
4. Irrigation valve numbers
5. Gallons per minute for each hydrozone

Mature existing trees are significant community resources due to their cultural, aesthetic, or historic relevance. To preserve these resources, a tree protection zone must be included on all demolition, construction or grading plans and implemented during construction.

2.6.2 Irrigation

The Department of Parks and Recreation must comply with California Code of Regulations Title 23. Waters Division 2. Department of Water Resources Chapter 2.7. Model Water Efficient Landscape Ordinance.⁸ This ordinance shall apply to the following projects:

- New construction and rehabilitated landscapes for public agency projects with a landscape area equal to or greater than 2,500 square feet requiring a building or landscape permit, plan check, and/or design review;
- All existing landscapes installed

8 <http://www.owue.water.ca.gov/landscape/ord/updatedOrd.cfm/>

before January 1, 2010, with a dedicated or mixed-use water meter, and having an area of one (1) acre or more, including golf courses, green belts, common areas, parks, and publicly owned landscapes; and

- All existing landscapes installed before January 1, 2010, without a water meter, and one (1) acre or greater in area.

NEW IRRIGATION SYSTEMS

Design Considerations

- The irrigation system shall be designed to prevent runoff, drainage from low head, over spray, and other similar inefficient conditions where irrigation water flows onto non-targeted areas, such as adjacent properties, non-irrigated areas, paved areas, roadways or structures.
- Irrigation head spacing shall be designed to provide 120% coverage and shall not be farther than the maximum design radius for the specified nozzle.
- All irrigation systems shall be designed to allow for summer-peak water amounts to be applied between the hours of 10 p.m. and 6 a.m. Daytime watering shall be limited to seed germination, plant establishment, and turf renovation.
- The irrigation system shall be designed to ensure the dynamic pressure at each irrigation head is within the manufacturer's recommended pressure range for optimal performance.
- When designing a new irrigation system for an existing park the static water pressure, dynamic or operating pressure, and the water supply flow rate shall be measured at the point of connection by the water purveyor. This information shall be obtained during the design phase and shall also be field verified by the Contractor prior to installation.

Table 10: Sample Hydrozone Table

Hydrozone	Water Needs	WUCOLS III Plant Factor	Square footage	Irrigation Valve Number	GPM
1	VL (Very Low)	.2	1200	1	40
2	L (Low)	.3	1565	3	36
3	M (Medium)	.5	2570	4	22
4	M (Medium)	.6	1225	2	25

- Relevant information such as soil type and infiltration rate shall be determined and referenced when designing irrigation systems.
- The design of the irrigation system shall conform to the hydrozones delineated on the landscape planting plan.
- The irrigation system must be designed and installed to meet the irrigation efficiency criteria as described in the Model Water Efficient Landscape Ordinance regarding the Maximum Applied Water Allowance Section 492.4.⁹
- Contact the local water purveyor for peak water operating demands on the water supply system, or water restrictions that may impact the efficiency of the irrigation system.
- In mulched planting areas, the use of low volume irrigation shall be required to maximize water infiltration into the root zone.
- Narrow or irregularly shaped areas including turf areas less than eight feet (8') in width, shall be irrigated with a low volume irrigation system.
- Overhead irrigation shall not be permitted within 24 inches of any non-permeable surface.
- Where there is turf allowable irrigation within the setback from non-permeable surfaces is subsurface drip line,
- In planting areas allowable irrigation within the setback from non-permeable is low volume bubblers
- The surfacing of the setback may be mulch, gravel, or other porous material with no irrigation. These restrictions may be modified if:
 - The landscape area is adjacent to permeable surfacing and no runoff occurs; or
 - The adjacent non-permeable surfaces are designed

and constructed to drain entirely to landscaping.

- Slopes greater than twenty-five percent (25%) shall not be irrigated with an irrigation system having a precipitation rate exceeding 0.75 inches per hour. This restriction may be modified if the landscape designer specifies an alternative design or technology, and clearly demonstrates that no runoff or erosion will occur.
- Trees shall be placed on irrigation control valves separate from shrubs and groundcovers and be irrigated by a "Root Watering System".
- No additional irrigation is required for trees planted in turf areas.
- Individual hydrozones that mix high, moderate or low water-use plants shall not be permitted.
- No drip irrigation shall be permitted except as noted.

Equipment

- All new irrigation systems shall include the following components:
 - Dedicated Irrigation Water Meter
 - Reduced Pressure BackFlow Prevention device

- Flow Sensor
- Master Valve
- Booster Pump (where necessary)
- Pressure Regulator (where necessary)
- Manual Control Valves (shut-off valves)
- Weather Based Irrigation Controller
- Sensors (rain, freeze, wind, etc)
- Remote Control Valves
- Spray Heads and Bubblers for Shrub Areas
- Triple Swing Joints in Turf Areas
- Double Swing Joints in Planting Areas
- Check Valves
- Quick Couplers
- Pipes and Fittings

The design criteria for the aforementioned equipment is described as follows:

- Water Meter - If a park has a water meter specifically dedicated to the landscape irrigation system, water bills can be examined to evaluate if water use is less than

Table 11: Conforming Irrigation Watering Schedule

Month	Weekly ETo	Valve #1 (Plant Factor - 0.2) Cycles per week - 3	Valve #2 (Plant Factor - 0.5) Cycles per week - 3	Valve #3 (Plant Factor - 0.3) Cycles per week - 3
		Min. per cycle below	Min. per cycle below	Min. per cycle below
Jan	.51	4	8	5
Feb	.63	4	10	6
Mar	.86	5	13	8
Apr	1.09	7	17	10
May	1.28	8	20	12
Jun	1.35	8	21	13
Jul	1.44	9	22	14
Aug	1.37	9	21	13
Sep	1.16	7	18	11
Oct	.9	6	14	9
Nov	.6	4	9	6
Dec	.44	3	7	4

⁹ <http://www.water.ca.gov/wateruseefficiency/docs/MWEL009-10-09.pdf>

the Maximum Applied Water Allowance (MAWA).

- Reduced Pressure BackFlow Prevention Device - This device shall be included on all irrigation systems.
- Flow Sensors - The installation of flow sensors which detect and report high water flow conditions are recommended.
- Master Valve is installed at the point where the irrigation system connects to the water supply and is wired to a special "master valve circuit" on the irrigation controller. If a leak should occur or a valve does not close, the master valve will shut off the water to the system.
- Booster Pump / Pressure Regulator- If the static water pressure is above or below the required dynamic water pressure of the irrigation system, pressure-regulating devices such as in line pressure regulators, booster pumps or other devices shall be installed to meet the required dynamic pressure of the irrigation system.
- Pressure Regulator (where necessary) - An inline regulators is used to maintain the desired water pressure and is necessary when there is pressure fluctuation that will damage the system.
- Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be required and located along the mainline, to create isolated repair zones and to minimize water loss in case of an emergency (such as a main line break) or routine repair.
- Smart Controller - All County park irrigation systems shall be installed with weather based irrigation controllers. Controller installations shall be by a certified installer.
- Sensors (rain, freeze, wind, etc.)- Sensors, either integral or auxiliary, that suspend or alter irrigation operation during unfavorable weather conditions shall be re-

quired on all irrigation systems, as appropriate for local climatic conditions.

- Remote Control Valves - Each remote control valve shall irrigate a hydrozone with similar site, slope, sun exposure and soil conditions, as well as plant materials with similar water requirements.
- Spray Heads - Spray heads and other emission devices shall have matched precipitation rates, unless otherwise directed by the manufacturer's recommendations. These devices shall be selected based on what is appropriate for the plant type and their sizes at maturity within a specified hydrozone.
- Bubblers - The use of low volume bubbler irrigation systems is encouraged for shrub and ground-cover plantings. All low volume irrigation shall be installed with double swing joints on risers.
- Double Swing Joints - All spray heads adjacent to high pedestrian traffic areas shall be equipped with double swing joints or other riser and pop-up head protection components.
- Check Valves- Check valves or anti-drain valves shall be required at all low points in the irrigation system. Check valves shall also be used for all slope irrigation systems.
- Quick Couplers - Provide irrigation quick-couplers outside the perimeter of play areas. The distance between quick couplers shall be a maximum of fifty feet (50'). Provide quick couplers as directed by the facility program.
- Pipes and Fittings - Upstream of remote control valves (main lines): For pipe sizes up to and including 1-1/2" pipe, use Schedule 40 PVC or Schedule 80 for exposed pipes such as fixed risers. For 2" pipe up to and including 4" pipe use Class 315 PVC or Schedule 80 PVC. Downstream of remote control valves (lateral lines): For pipe siz-

es up to and including 1-1/2" pipe use Schedule 40 PVC pipe. For 2" size and larger use Class 315 PVC pipe. Use Schedule 80 PVC pipe for sleeves.

PLAN REQUIREMENTS

- The Irrigation Plan shall include a complete twelve (12) month "Conforming Irrigation Watering Schedule". This schedule must include the following information:
 1. Number of watering days per week (# of Cycles)
 2. Minutes per cycle per valve, the amount of minutes shall be based on the following three (3) items:
 - The entire precipitation rate of each valve
 - The evapotranspiration (ET_o) of the project's location - this information is found in the Model Water Efficient Landscape Ordinance
 - The Plant factor found in WUCOLS

(see Conforming Irrigation Watering Schedule example on Table 11)

2.7 Stormwater Management

2.7.1 Grading and Drainage

- New and existing park projects must comply with state, county and local (if applicable) regulations, codes, and ordinances pertaining to Stormwater Management.
- Avoid water sheet flow over sidewalks or walking paths.
- Minimize impervious surfaces where possible.
- Design the topography of park sites to minimize grading and reduce soil disturbance.
- Park site shall be designed to balance soil cut and fill where fea-

- sible.
- Manufactured sediment traps (e.g. gabion cages, grass barriers, ornamental rock check dams, and raised curbs) shall be used to intercept stormwater runoff carrying silt and other debris from landscape areas to drainage devices.
- Grade all planted or turf areas at a minimum slope of two percent (2%).
- Avoid grading turfed slopes steeper than the maximum mowing slope of 5:1.
- Crown playing fields including baseball, softball, and soccer fields a minimum of two percent (2%).
- Hard court surfaces shall be graded at one percent (1%).
- Include level areas for formal or informal spectator seating adjacent to the athletic field sidelines.
- Gradients shall not exceed a two percent (2%) cross slope on walkways.
- Do not exceed 20:1 or five percent (5 %) longitudinal slope gradient on walks.
- All walkways exceeding a slope gradient of 20:1 or five percent (5 %) slope shall be provided with handrails per ADA regulations and the California Title 24 Building Code.
- Ensure compliance with ADA and California Title 24 Building Code (Title 24).
- Place on-site stormwater devices in areas outside of active recreation use areas.
- As a general rule, provide a 150 cubic foot drain sump per 1,500 square feet of play area surface.
- All play area sumps shall follow the County Standard Details, with a drain pipe connecting all sumps within the play area to a sump outside the play area.
- Where feasible, an overflow drain pipe shall be used to connect the play area drain sump outside the play area to the nearest storm drain. An alternate drainage outlet may be routed through the play area curb, to the storm drain or to a rip-rap outfall.
- All drainage drop inlets shall be concrete boxes furnished with metal grate covers.
- Do not locate drain inlets or clean outs within or immediately adjacent to playing fields.
- Do not use drop inlets smaller than sixteen inches (16") square or diameter for landscape areas, and twenty-four inches (24") minimum for all other areas.
- Incorporate the following decorative LID BMPs, where feasible:
 - Bioretention Area
 - Dry Stream Beds
 - Vegetated Buffers
 - Vegetated Swales
 - Porous Pavers
 - Planter Boxes

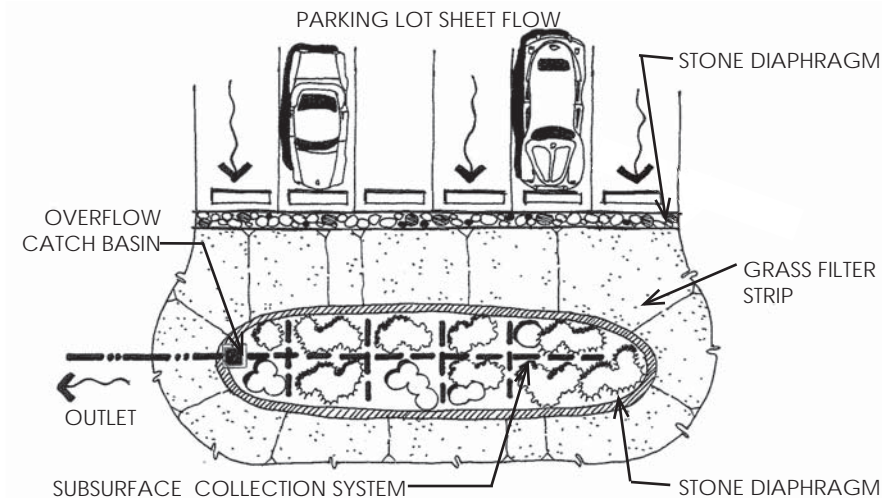


Exhibit 34: Bioretention with Drainage System

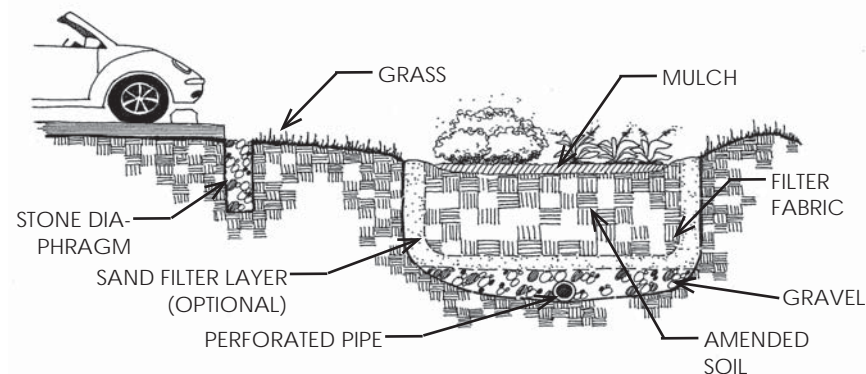


Exhibit 35: Bio-retention with drainage system.

Parking lot run-off is directed toward a filter strip and pretreated prior to infiltration.

2.7.2 LID Site Design Strategies

- Low impact development (LID)¹⁰ is an approach to stormwater management that emphasizes the use of small scale, natural drainage features integrated throughout the park site to slow, clean, infiltrate and capture urban runoff and precipitation, thus reducing water pollution, replenishing local aquifers and increasing water re-use.¹¹

¹⁰ <http://www.huduser.org/Publications/PDF/practLowImpactDevel.pdf>

¹¹ "Low Impact Development: Technical

- LID strategies shall be implemented and incorporated at the earliest possible stage of a project. This approach is an integral part of the design and layout of the site. Good LID site design takes advantage of the services provided by the site's natural systems. The natural systems that LID seeks to preserve and even restore are an undeveloped site's hydrologic functions, vegetation, and soils. LID site planning and design practices approach stormwater as a resource that shall be conserved. In undisturbed landscapes, storm drainage is typically handled by vegetation canopy, ground cover plants, soil absorption, and streams and waterways. In a modified landscape, storm drainage must be added to mitigate result of adding non-permeable surfaces and structures.
- All projects must comply with the County of Los Angeles Green Building Ordinance - Low Impact Development Manual¹²

PARKING LOT DRAINAGE

For new parking lot and road construction all run-off shall be directed toward a pretreatment and infiltration LID Best Management Practice (BMP). See exhibits 34, 35 and 36 for examples of Bioretention Areas.

Guidance Manual for Puget Sound," p.1. January 2005. Accessed on 8/5/08, www.psp.wa.gov/downloads/LID/LID_manual2005.pdf 12 http://dpw.lacounty.gov/wmd/LA_County_LID_Manual.pdf

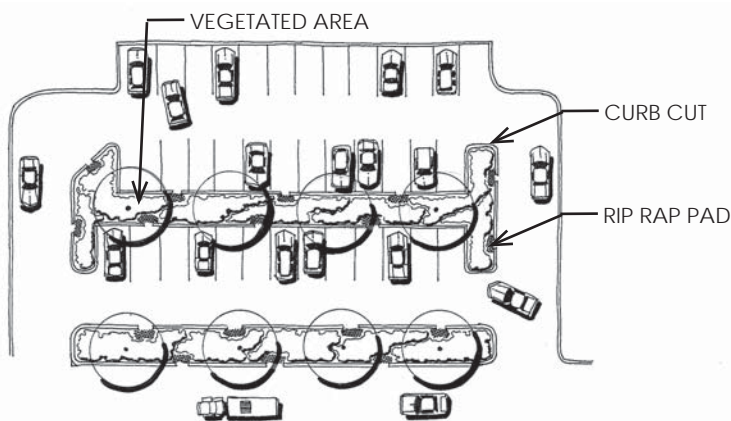


Exhibit 36: Curbed Parking with Lot Bio-retention

2.8 Utilities

In an effort to reduce the use of non-renewable energy in our park sites the County of Los Angeles Department of Parks and Recreation is committed to using solar technology, LED or both in all new park buildings, parking lots, security lighting, and recreation facility lighting.

2.8.1 New Electrical and Lighting

Utility Design

- Electrical design for park facilities shall comply with the current adopted edition of all applicable city, county, state, federal codes and standards.
- The design shall provide for the efficient use of energy through proper equipment selection and system controls.
- Oversize electrical panel by 30% for future expansion.
- Power, telephone and lighting panels shall not protrude into any aisles or corridors. No panels shall be installed in fire corridors unless panels are mounted in closets with fire rated doors.
- Lighting and appliance panel boards must have no fewer than one spare circuit breaker for every five active circuits.
- All exterior receptacles must have rainproof enclosures with lockable cover.

- All parking lot and walkway poles shall be thirty feet (30') in height.
- Light poles must be on concrete bases. Top of concrete base must be no less than thirty-six inches (36") in height measured from finish surface or grade, and have a minimum two percent (2%) pitch away from pole center.
- Provide an in-ground concrete junction box within five feet (5') of each light. (Not applicable to solar lighting).
- Provide time programmable switches with battery backup device for all exterior lights.
- Provide interior restroom movement sensors (adjustable by field agency) for all restroom lighting systems.

2.8.2 Security Lighting

- Use solar lighting wherever possible.
- Exterior security lighting shall be provided for all new projects at the following County Park venues:
 - Parking Lots
 - Restroom Buildings
 - Primary circulation routes
- Use high efficiency lighting with low cut off angles and down-lighting.
- Use reflective-type lighting fixtures to reduce or eliminate glare.
- Allow no direct-beam exterior lighting at the property line.

2.8.3 Recreational Field Lighting

- Ballfield lighting shall be provided as specified in the project facility program.
- Fixtures shall use reflector shield systems to reduce off-field light spill.
- All light pole standards within or near a playing area that are not protected by a fence shall have six foot (6') high pole pads.

2.8.4 HVAC

- HVAC sizing shall be based on facility requirements, as determined during the initial mechanical design phase.

2.8.5 Telecommunication Systems

- Telecommunication systems in park facility buildings shall include computer internet access and multiple telephone lines, based on Departmental requirements as described in the facility program.

2.8.6 Smoke/Fire Detection Systems

- Follow all governing agency codes and requirements for proper smoke and fire detection systems.
- Provide an fire alarm system with a central alarm panel near the lobby in all new buildings.
- Provide a smoke detection system, cross zoned and interlocked to shut down ventilation systems and dampers as required. Alarms shall transmit signal to the central alarm panel.
- Provide a heat sensor on the discharge side of air handlers. Two (2) smoke sensors are required in the supply duct, and two (2) smoke sensors are required in the return duct to shut down unit and transmit an alarm to the local Fire Department.
- Provide water flow alarms, one (1) for each sprinkler riser, installed and connected to the central alarm panel.
- For kitchens that serve the public refer to the County of Los Angeles Environmental Health "Retail Construction Guidelines"¹³ for all codes and design requirements.

¹³ <http://publichealth.lacounty.gov/eh/docs/GUIDELINES%20RETAIL%20CONSTRUCTION%20REQUIREMENTS.pdf>

Park Design Standards

3

3.0 Chapter Introduction

The Park Design Standards have been developed with the goal of providing information on preferred construction material and equipment products used in the design of County of Los Angeles Park facilities.

The Design Standards will benefit the Department by providing Design Consultants and staff with a more effective method of identifying and selecting products in the design and development of parks in the County system; these standards are applicable to new park development, park renovation, facility repair and the replacement of existing amenities.

While all sites are different and each project may have a unique set of issues not covered in these standards, additions, deletions or deviations from the Standards may be acceptable, if approved by the Department's Field Agencies and Development Division during the design review process.

On January 16, 2007, the County of Los Angeles Board of Supervisors adopted a Countywide Policy instructing all County Departments to implement the County's Energy and Environmental Programs for energy conservation and environmental stewardship¹. To implement the policy's "green" initiatives, County Departments will be tasked to purchase products that:

- include recycled content,
- are durable and long lasting,
- conserve energy and water,

- use agricultural fibers and residues,
- reduce greenhouse gas emissions,
- use unbleached or chlorine free manufacturing processes,
- and use wood from sustainable harvested forests.

Included in this chapter is a list of manufactured products for which specific manufactures are identified. A separate list has been developed for each of the four (4) Department Community Services Agencies based on their environmental and operational needs.

3.1 Design Standards Products

The following pages include Park Design Standards Products for each of the Departments Community Services Agencies:

- East County Community Services Agency
- South County Community Services Agency
- North County Community Services Agency
- Regional Facilities Agency

¹ Board of Supervisors Policy No. 3.045 Energy and Environmental Policy

3.1.1 East County Community Services Agency

3.1.1.1 SPATIAL ORGANIZATION

Security and Safety

Product: Security Cameras (monitoring system)

1. Mfg: Sileox Zoom Cameras
Model: AC5318PGEO
Color: White or Black
Finish:
2. Mfg: Sileox – Fixed Cameras
Model: AC-LT-C485-21
Color: White or Black
Finish:
3. Mfg: Bosch Networking/DVR
Model: CM6800
Color: Black
Finish:
4. Mfg: Secure
Model: DVR Lockbox w/Key Cylinder
Color:
Finish:
5. Mfg: Bosch – Alarm Panels
Model: 9412
Color: N/A (White Keypads) with armored cable (no plastic)
Finish:

Product: Window Guards

1. Mfg: Custom Welded
Model:
Color:
Finish:

Product: Knox Box

1. Mfg: No Preference

3.1.1.2 BUILDINGS

Restroom Buildings

Product: Exterior Lighting

1. Mfg: Trace Lite
Model: TL116-IND-40M
Color: Bronze
Finish: 40W Induction Lamp
2. Mfg: Golden State Ltg. Sales
Model: T260 – Size 20/86 Lumens (80W/7360), Pole
Color: DB/Dark Bronze, Powder Coated
Finish: Color Temperature 50-5000K

Product: Doors and Hardware

1. Mfg: No Preference

Product: Sinks

1. Mfg: Acorn Engineering Co.
Model: 19 51-1-9-GT-TT-TE-FG
Color: Stainless Steel
Finish: www.acorneng.com
2. Mfg: Acorn Engineering Co.
Model: 1953-ADA-1-9-GT-TT-TE-FG
Color: Stainless Steel
Finish: www.acorneng.com
3. Mfg: American Standard (Wall Hung)
Model: 0355-012
Color: White w/Plumbing Trap
Finish: www.americanstandard-us.com
4. Mfg: Chicago Faucet (Use w/stainless steel sink)
Model: 333-669 w/E12 VP Aerator
Color: Locking Hole Plug & Stainless Steel Flexible Supply Lines Typical
Finish: www.chicagofaucets.com
5. Mfg: Chicago Faucet (Use w/china sink)
Model: 1802A w/E12 VP Aerator
Color:
Finish: www.chicagofaucets.com

Product: Toilets

1. Mfg: Acorn Engineering Co.
Model: Dura-Ware 2105-T-1-CN-FG
Color:
Finish: www.acorneng.com
2. Mfg: Acorn Engineering Co.
Model: Dura-Ware 2105-ADA-T-1-CN-FG
Color:
Finish: www.acorneng.com
3. Mfg: American Standard
Model: Afwall Elongated Flush Valve Toilet – 2257-103;
Color: #95 Open Seatless Cover by Olsonite www.olsonite.com
Finish: www.americanstandard-us.com
4. Mfg: Sloan Valve Company
Model: Flush Valve
Color: Royal Flushometer #111
Finish: www.sloanvalve.com

Product: Urinals (standard and waterless)

1. Mfg: American Standard
Model: 6501-010 Washbrook
Color: White
Finish: Stainless Steel Strainer (047068-0070A)
www.americanstandard-us.com
2. Mfg: Acorn Engineering Co.
Model: Dura-Ware 2167-T-1-CFR-FG
Color:
Finish: www.acorneng.com

Product: Hand Dryers

1. Mfg: World Dryer
Model: Model "A"
Color:
Finish: www.worlddryer.com

Product: Drinking Fountains (wall mounted)

1. Mfg: No Preference

Product: Mirrors

1. Mfg: No Preference

Product: Soap Dispenser

1. Mfg: No Preference

Product: Toilet Seat Cover Dispensers

1. Mfg: No Preference

Product: Toilet Paper Dispensers

1. Mfg: Ojserkis Janitor Supply
Model: R2601/ 3-Roll
Color: R2602/ Triple
Finish: www.ojserkisjanitorsupply.com

Product: ADA Grab Bars

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: CMU Block – Colored Split Face

1. Mfg: No Preference

Product: CMU Block – Burnished

1. Mfg: No Preference

Gymnasium Buildings**Product: Bleachers (Temporary Bleachers)**

1. Mfg: No Preference

Product: Bleachers (Retractable Bleachers)

1. Mfg: No Preference

Product: Scoreboard

1. Mfg: All American
Model: 8212 EMC LED w/Electrical Message Center
Color:
Finish: www.allamericanscoreboards.com

Product: Basketball Standards

1. Mfg: No Preference

Product: Wall Padding

1. Mfg: No Preference

Product: Wood Flooring

1. Mfg: No Preference

Product: Drinking Fountain (wall mounted)

1. Mfg: No Preference

Product: Doors & Hardware

1. Mfg: No Preference

Product: Interior Lights

1. Mfg: No Preference

Product: Windows

1. Mfg: No Preference

Product: Exercise Room Flooring

1. Mfg: No Preference

Product: Exercise Room Equipment

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Product: Fire Sprinklers

1. Mfg: No Preference

Product: Stage Lift

1. Mfg: No Preference

Product: Dressing Room Mirrors

1. Mfg: No Preference

Product: Dressing Room Lockers

1. Mfg: No Preference

Product: Dressing Room Bench/Seating

1. Mfg: No Preference

Product: Dressing Room Counter

1. Mfg: No Preference

Product: Stage Lighting

1. Mfg: No Preference

Product: Stage Curtain

1. Mfg: No Preference

Product: Storage Room Shelving

1. Mfg: No Preference

Product: Telephone System

1. Mfg: No Preference

Product: Public Address System - Speakers

1. Mfg: No Preference

Product: Office Furniture

1. Mfg: No Preference

Community Buildings**Product: Room Partitions**

1. Mfg: No Preference

Product: Folding/Stacking Chairs

1. Mfg: Virco Manufacturing Corp.
Model: N914 Metaphor
Color: Blue Seat, Chrome Frame
Finish: www.virco.com
2. Mfg: Virco Manufacturing Corp.
Model: N918 Metaphor
Color: Graphite Seat
Finish: www.virco.com
3. Mfg: Virco Manufacturing Corp.
Model: N918 Metaphor
Color: Wine
Finish: www.virco.com

Product: Flooring

1. Mfg: Armstrong
Model: Safety Zone VCT Tile
Color:
Finish: www.armstrong.com
2. Mfg: Burke Flooring
Model: 4" Cove Base
Color: Black
Finish: www.burkeflooring.com

Product: Classroom Tables

1. Mfg: Virco Manufacturing Co.
Model: 87PF2460-GRY091 (Computer Table-Adjustable Height)
Color: Grey/Black
Finish: www.virco.com
2. Mfg: Virco Manufacturing Co.
Model: 87PF2472 (Computer Table-Adjustable Height)
Color: Grey091/Black
Finish: www.virco.com
3. Mfg: Virco Manufacturing Co.
Model: TT2472830 Text Series
Color: Grey, Tilt Top 24"x 72"
Finish: www.virco.com

Product: Blackboard/Whiteboard

1. Mfg: Frys (Vendor)
Model: 36"x48" Dry Erase/Magnetic
Color: Aluminum
Finish: www.frys.com

Product: Bulletin Boards/Pin Boards

1. Mfg: No Preference

Product: Audio Visual Equipment - Screens

1. Mfg: Samsung
Model: LN55C630-55" LCD HDTV
Color:
Finish:
2. Mfg: STC TV Wall Mount
Model: 30504, 32" to 55", Mount 4-way
Color:
Finish:

Product: Audio Visual Equipment - Electronic Equipment

1. Mfg: Samsung
Model: V9800 DVD/VHS Combo Player
Color:
Finish:
2. Mfg: Philips
Model: SDV2740/27 TV Antenna (Amplified Indoor)
Color: Black
Finish:

Product: Staff Offices - Office Equipment

1. Mfg: Staples (Vendor)
Model: Chairmat, STP447139, 36"x40"
Color: Clear
Finish: www.staples.com
2. Mfg: HON
Model: Keyboard, H840000, 21W x 10 Platform w/Mousepad
Color: Black
Finish: www.honaccessories.com
3. Mfg: Virco Manufacturing Corp.
Model: Keyboard Tray, KTBT24
Color:
Finish:

Product: Staff Offices - Desks

1. Mfg: Maverick
Model: Double Ped 30"x60" Desk, MMD3060
Color: Medium Oak or Seattle Cherry
Finish:
2. Mfg: Maverick
Model: Hutch 60"x36", MMH60-WD
Color: Medium Oak or Seattle Cherry
Finish:
3. Mfg: Maverick
Model: 4-Drawer Lateral File, MMLF204
Color: Medium Oak or Seattle Cherry, Black Handles (H3B)
Finish:
4. Mfg: Virco Manufacturing Corp.
Model: Desk, Pedestal Double Desk w/no Center Drawer, 533060
Color:
Finish: www.virco.com
5. Mfg: HON
Model: Workstation
Color: Tabletop-Bourbon Cherry
Finish: Paint-Light Gray

Product: Staff Offices - Cabinets

1. Mfg: Virco Manufacturing Corp.
Model: AV Cart, KPRE183642
Color: Gray/Black
Finish: www.virco.com
2. Mfg: Maverick
Model: Wood Hutch w/Doors, MMH60
Color: Medium Oak or Seattle Cherry
Finish:
3. Mfg: Maverick
Model: Bookcase, MMBC3665, 12" x 36" x 65"
Color: Medium Oak or Seattle Cherry
Finish:

Product: Staff Offices - Storage

1. Mfg: HON
Model: 4-Drawer Lateral File
Color: Light Gray
Finish:
2. Mfg: Granger
Model: Storage Cabinet, 36" x 24" x 72", 4W537
Color: Black
Finish: www.granger.com
3. Mfg: Granger
Model: 2-Shelf Steel Bookcase, 72"x 40"w,
Color: Black
Finish: www.granger.com
4. Mfg: Salisbury Ind.
Model: Steel Storage Cabinet, 9074 BLK-A
Color: Black
Finish: www.salsburyindustries.com

Product: Staff Offices - Flooring

1. Mfg: Mannington
Model: Urban Design Carpet Tiles
Color: Doorman
Finish: www.mannington.com
2. Mfg: Burke
Model: 4" Wall Base Cove Tile, Mercer/B-1
Color: Slate 660
Finish: www.burkeflooring.com
3. Mfg: Mannington
Model: Resilient Flooring, SV-1/Assurance II
Color:
Finish: www.mannington.com
4. Mfg: Mohawk W&C
Model: SEPAP24BL-P-MOH-AP
Color:
Finish: www.mohawkflooring.com

Product: Staff Offices - IT Services

1. Mfg: Canon
Model: Canon Powershot, SP630/S110
Camera
Color: Black
Finish: www.canon.com
2. Mfg: Dell
Model: Printer, C3760DN
Color: Black
Finish: www.dell.com
3. Mfg: Dell
Model: Optiplex 790 Mini Tower
Color: Black
Finish: www.dell.com
4. Mfg: CDW Government
Model: Desktop Computer, WS-C2960-48TT-L, 48 port
Color: Crisco Catalyst Switch
Finish:

Product: Staff Offices - Telephone Conference**Equipment - Speakers**

1. Mfg: No Preference

Product: Reception Chairs

1. Mfg: Virco Manufacturing Corp.
Model: N9 Task Chair – Metaphor Task
Color: Black
Finish: www.virco.com
2. Mfg: HON Company
Model: HIWM3 Mid-Back
Color: Black
Finish: Mesh Back/III Upholstery

Product: Janitor Room Shelving

1. Mfg: No Preference

Product: Janitor Mop Sink

1. Mfg: No Preference

Product: Kitchen Appliances

1. Mfg: No Preference

Product: Counters

1. Mfg: No Preference

Product: Cabinets/Hardware

1. Mfg: No Preference

Product: Fire Suppression

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: HVAC System

1. Mfg: Comfort-Aire
Model: REG-81H (Heat/Cool)
Color: White
Finish: www.comfort-aire.com
2. Mfg: Norton Electric/Dynamic
Model: 353511 A/T Multi-zone A/H with Service Disconnect & Duct Transition
Color:
Finish:

Sports Field Concession Stand**Product: Kitchen Appliances**

1. Mfg: No Preference

Product: Counters

1. Mfg: No Preference

Product: Cabinets/Hardware

1. Mfg: No Preference

Product: Fire Suppression System

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: Service Windows

1. Mfg: No Preference

Maintenance Buildings/Yards**Product: Gates**

1. Mfg: Landscape Structures
 Model: Custom 4'-8" Gate w/Hinges and Latch
 Color: Red, Powder Coated
 Finish:

Product: Cargo Containers

1. Mfg: No Preference

Product: Storage Containers

1. Mfg: No Preference

Product: Restroom Equipment and Fixtures

1. Mfg: No Preference

Product: Building Interior Equipment

1. Mfg: No Preference

Pool Buildings**Product: Exterior Lighting**

1. Mfg: No Preference

Product: Interior Lighting

1. Mfg: No Preference

Product: Doors and Hardware

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: Toilets

1. Mfg: No Preference

Product: Urinals (standard and waterless)

1. Mfg: No Preference

Product: Hand Dryers

1. Mfg: No Preference

Product: Drinking fountains (wall mounted)

1. Mfg: No Preference

Product: Soap Dispenser

1. Mfg: No Preference

Product: ADA Grab Bars

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: CMU Block - Colored Split Face

1. Mfg: No Preference

Product: CMU Block - Burnished

1. Mfg: No Preference

Product: Mirrors

1. Mfg: No Preference

Product: Toilet Seat Cover Dispensers

1. Mfg: No Preference

Product: Toilet Paper Dispensers

1. Mfg: No Preference

Product: Dressing Room Benches

1. Mfg: No Preference

Product: Shower Fixtures

1. Mfg: No Preference

Product: Flooring

1. Mfg: No Preference

Product: Mechanical Equipment

1. Mfg: No Preference

Product: Signage

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Product: Water Heaters

1. Mfg: No Preference

3.1.1.3 PARKING LOTS**Product: Barrier Gates**

1. Mfg: No Preference

Product: Paint Striping

1. Mfg: No Preference

Product: ADA Truncated Domes

1. Mfg: No Preference

Product: Bollards

1. Mfg: No Preference

Product: Wheel Stops

1. Mfg: No Preference

Product: Spike Strips

1. Mfg: No Preference

Product: Trash Enclosure (CMU/Split face block)

1. Mfg: No Preference

Product: Trash Enclosure Roof Material

1. Mfg: No Preference

3.1.1.4 CIRCULATION**Pedestrian****Product: Decomposed Granite**

1. Mfg: Whittier Fertilizer
 Model: 24 Ton D.G.
 Color:
 Finish:

Product: Decomposed Granite Stabilized

1. Mfg: See Decomposed Granite
 Model:
 Color:
 Finish:

Product: Permeable Pavers

1. Mfg: No Preference

Product: ADA Truncated Domes

1. Mfg: No Preference
 Model: Non-Noted Perforated
 Color:
 Finish:

Vehicular**Product: Emergency Vehicle Lane Access Barrier**

1. Mfg: No Preference

Product: Speed Humps

1. Mfg: Custom Installed
 Model: Asphalt per DPW specs
 Color: See "Green Book"
 Finish:

Bicycle

See 2.5.9 Park Furnishings

3.1.1.5 RECREATIONAL FACILITIES**Ball Fields****Product: Brick Dust**

1. Mfg: No Preference

Product: Softball Backstop

1. Mfg: Custom/Wood
 Model:
 Color:
 Finish:

Product: Baseball Backstop

1. Mfg: Custom/Wood
 Model:
 Color:
 Finish:

Product: Chain Link Fence

1. Mfg: No Preference

Product: Bleachers (Metal and Wood)

1. Mfg: Kay Park
 Model: BLA10A21V4F4 (21') & 62SG-VP(6')
 Color:
 Finish:

Product: Bleachers (Aluminum)

1. Mfg: Kay Park
 Model: BLA4A15V4F4
 Color: Seats 40
 Finish:
 2. Mfg: LA Steelcraft
 Model: BL0415SA
 Color: Seats 40
 Finish:

Product: Shade Covers for Dugouts

1. Mfg: No Preference

Product: Shade Covers for Bleachers

1. Mfg: No Preference

Product: Bat Racks

1. Mfg: LA Steelcraft
Model: BR-15
Color: Galvanized Steel
Finish:
2. Mfg: BSN Sports
Model: BS-1159622; Steel Fence Bat Rack
Color: 30" Long
Finish:

Product: Player Benches

1. Mfg: BSN Sports
Model: BS-BEPH15
Color:
Finish:
2. Mfg: BSN Sports
Model: BS-BEPE15
Color:
Finish:
3. Mfg: LA Steelcraft
Model: LBA-15P
Color:
Finish:

Product: Bases

1. Mfg: BSN Sports
Model: BS-BBBASEPR w/ Anchors & Plugs
Color: White Bases
Finish:
2. Mfg: BSN Sports
Model: BS-BBHPHWODBM
Color: Home Plate
Finish:

Product: Batting Cages

1. Mfg: Custom w/Chainlink & Net
Model:
Color:
Finish:

Product: Scoreboard

1. Mfg: MacGregor
Model: BS-MSBBSI
Color: 16' x 5' Outdoor Scoreboard w/Wireless Remote
Finish:

Product: Foul Ball Poles

1. Mfg: BSN Sports
Model: BS-BS Foul
Color: 20'/12" Wing; 3-1/2" Outside Diameter Pole
Finish:

Product: Outfield fencing with Cap Padding

1. Mfg: BSN Sports
Model: SAF-TOP BS-1234893
Color:
Finish:
2. Mfg: BSN Sports
Model: BS-BS314GP
Color: 200FD Homerun Fence w/Yellow Top Tape
Finish:

Product: Pole Padding

1. Mfg: No Preference

Product: Drinking Fountains

1. Mfg: No Preference

Sports Fields**SOCCER AND MULTI-USE COURTS****Product: Scoreboard**

1. Mfg: No Preference

Product: Bleachers

1. Mfg: No Preference

Product: Player Benches

1. Mfg: No Preference

Product: Field Lighting Pole Padding

1. Mfg: No Preference

Product: Drinking Fountains

1. Mfg: No Preference

Sports Courts**BASKETBALL****Product: Pole and Backboard**

1. Mfg: No Preference

Product: Spectator Bleachers

1. Mfg: No Preference

Product: Player Benches

1. Mfg: No Preference

Product: Basketball Court Lighting

1. Mfg: Pacific Manufacturing
Model: UTOPIA #MFL-2L-200ID/50-UNIV-Induction
Color: BRNZ/SLIP FIT
Finish:
2. Mfg: SQUARE D ELECT
Model: Panel and Brackets
Color:
Finish:

Product: Indoor Basketball Scoreboard

1. Mfg: No Preference

TENNIS COURTS**Product: Fence Screen**

1. Mfg:
Model: Tennis Court Fencing
Color: 12' ht., 1-3/4" Mesh, 9 GA Chain Link Fence Fabric
Finish:

Product: Poles and Net

1. Mfg: No Preference

Product: Court Surfacing

1. Mfg: Plexipave
Model: Plexipave Standard System
Color:
Finish:
2. Mfg: Plexipave
Model: Plexicushion
Color:
Finish:

Product: Tennis Court Lighting

1. Mfg: Musco Lighting
Model: Light Structure
Color: Green
Finish:
2. Mfg: Musco Lighting
Model: Sports Cluster
Color: Green
Finish:

VOLLEYBALL**Product: Steel Poles**

1. Mfg: BSN Sports
Model: BS-1157642
Color: Slide Multi-Sport System
Finish:

Product: Net

1. Mfg: BSN Sports
Model: BS-SNVBSC324
Color: Sports Volleyball Net
Finish:

Product: Court Rope Lines

1. Mfg: No Preference

Product: Spectator Benches

1. Mfg: No Preference

Product: Sand

1. Mfg: No Preference

Product: Volleyball Court Lighting

1. Mfg: No Preference

Extreme Sports**SKATE PARKS****Product: On-Grade Skate Elements**

1. Mfg: No Preference

Product: Spectator Bleachers

1. Mfg: No Preference

Product: Benches

1. Mfg: No Preference

Product: Benches

1. Mfg: No Preference

Product: Decorative Fencing

1. Mfg: No Preference

Product: Sport Lighting

1. Mfg: No Preference

Active Recreation Amenities**FITNESS ZONES****Product: Exercise Equipment**

1. Mfg: Greenfield
Model: Fitness Zone
Color: Green
Finish: Powder Coat Paint
2. Mfg: Landscape Structures Inc.
Model: Fitcare Cluster w/Healthbeat Unit b-cardio Stepper
Color: Green
Finish: www.playlsi.com
3. Mfg: Great Western
Model: Triactive
Color:
Finish: www.gwpark.com

Product: Surface Material

1. Mfg: Whittier Fertilizer (Supplier)
Model: 24 Ton D.G.
Color:
Finish: www.whittierfertilizer.com
2. Mfg: Whittier Fertilizer (Supplier)
Model: Topsoil-Premium Grade
Color: 60 yds.
Finish: www.whittierfertilizer.com
3. Mfg: Gail Materials (Supplier)
Model: Aqua Stop Topsoil w/Lassenite
Color:
Finish: www.gailmaterials.net
Color:
Finish:

Product: Enclosure Pit Edge

1. Mfg: Concrete Mow Strip
Model: Per Park Design Guidelines
Color:
Finish:

HORSESHOE PITS**Product: Horseshoe Stakes**

1. Mfg: No Preference

Children's Play Areas**Product: Play Equipment Components**

1. Mfg: Miracle
Model: 2-5 Year olds; 5-12 Year olds
Color:
Finish: www.miracle-recreation.com
2. Mfg: Kompan
Model: 2-5 Year olds; 5-12 Year olds
Color:
Finish: www.kompan.com
3. Mfg: Landscape Structures Inc.
Model: 2-5 Year olds; 5-12 Year olds
Color:
Finish: www.playlsi.com
4. Mfg: Burke
Model: 2-5 Year olds; 5-12 Year olds
Color:
Finish: www.bciburke.com

Product: Climbing Boulders or Animal Sculptures

1. Mfg: Landscape Structures Inc.
Model: Rock Climbers
Color: Brown
Finish: www.playlsi.com
2. Mfg: Landscape Structures Inc.
Model: Lunar Blast net climber
Color:
Finish: www.playlsi.com

Product: Decorative Fencing

1. Mfg: Landscape Structures, Inc.
Model: Playground Fencing
Color: Red, Powder Coat paint
Finish: www.playlsi.com
2. Mfg: Recwest Outdoor
Model: 127" Long w/Graphic
Color:
Finish: www.recwest.com

Product: Engineered Wood Fiber Surfacing

1. Mfg: Recycled Wood Products
Model: Fiber Fall
Color:
Finish:
2. Mfg: Whittier Fertilizer (Supplier)
Model: Playground Chip
Color:
Finish: www.whittierfertilizer.com

Product: Rubber Tile Surfacing

1. Mfg: Spectraturf
Model: 10" high certified fall height;
3.75" min. thickness
Color:
Finish: www.spectraturf.com

Product: Poured In Place Surfacing

1. Mfg: Spectra Turf
Model: SpectraPour
Color: Match Existing Colors
Finish: www.spectraturf.com

Product: Shade Sails

1. Mfg: No Preference

Splash Pads**Product: Spray Elements**

1. Mfg: Vortex
Model: Varies
Color:
Finish: www.vortex-intl.com

Product: Concrete Coloring

1. Mfg: No Preference

Product: Shade Sails

1. Mfg: USA Shade
Model: 20'x30' Hipo or Mariner
Color: Blue & Red/Green (Varies)
Finish: www.usa-shade.com

Product: Seat Wall

1. Mfg: No Preference

Product: Mechanical Equipment Enclosure

1. Mfg: No Preference

Passive Recreation Areas**GROUP PICNIC AREAS****Product: Shade Shelter**

1. Mfg: USA Shade
Model: 50' x 50' Mariners Super Span Shade
Color: Match Site Colors (Varies)
Finish: www.usa-shade.com
2. Mfg: USA Shade
Model: 65' x 42' Multi-Panel
Color: Match Site Colors (Varies)
Finish: www.usa-shade.com
3. Mfg: USA Shade
Model: 20' x 30' Hip Structure
Color: Match Site Colors (Varies)
Finish: www.usa-shade.com
4. Mfg: Polygon
Model: 30' x 40' Mr. Ram
Color: Green Roof, Match Site Colors (Varies)
Finish: www.polygon.com

Product: Picnic Area Name or Identification**Number Signs**

1. Mfg: No Preference

INDIVIDUAL PICNIC AREAS**Product: Shade Shelter**

1. Mfg: No Preference

Park Furnishings**Product: Picnic Tables**

1. Mfg: Outdoor Creations Inc.
Model: Concrete w/ADA seating; Model #109; 8' length
Color:
Finish: www.outdoorcreations.com

Product: Benches

1. Mfg: Wabash Valley
Model: CY42OR; 6' long bench with back
Color: Rib/Green
Finish: www.wabashvalley.com

Product: Drinking Fountains

1. Mfg: No Preference

Product: Bicycle Racks

1. Mfg: No Preference

Product: Bicycle Storage

1. Mfg: No Preference

Product: Trash Receptacles

1. Mfg: Wabash
 Model: LR300R/LR 310/FT110, 32-Gallon Receptacle
 Color: Rib/Green/14" Dia. Dome
 Finish: www.wabashvalley.com
2. Mfg: Wabash
 Model: Planter Box; PL102R- 24" Dia. X 24" Ht.
 Color: Rib/Red
 Finish: www.wabashvalley.com

Product: Hot Coal Receptacles

1. Mfg: US Concrete Precast
 Model: HCRBBQ1-K
 Color:
 Finish:
2. Mfg: San Diego Precast Concrete
 Model: Hot Coal HCRBBQ1K
 Color:
 Finish:

Product: Barbeque Grills

1. Mfg: RecWest Outdoor Products Inc.
 Model: MF16 Grill
 Color:
 Finish: www.recwest.com
2. Mfg: RecWest Outdoor Products Inc.
 Model: SB3628U w/shelf
 Color:
 Finish: www.recwest.com

Product: Park Signage

1. Mfg: No Preference

Product: Security Light Fixtures

1. Mfg: No Preference

Product: Seat Wall Anti-Skateboard Guards

1. Mfg: No Preference

Product: Ball Field Equipment Storage Containers

1. Mfg: No Preference

Product: Ball Field Maintenance Equipment Containers

1. Mfg: No Preference

Product: Park Signage

1. Mfg: No Preference

Product: Park Identification Signs

1. Mfg: No Preference

Product: Park Direction Signs

1. Mfg: No Preference

Product: Fencing

1. Mfg: No Preference

Product: Chain Link Fencing

1. Mfg: Crown Fence Co.
 Model:
 Color:
 Finish: www.crownfence.com

Product: Steel Picket Fencing

1. Mfg: No Preference

Product: Dog Park Furnishing (Drinking Station)

1. Mfg: MDF Fountains, Inc.
 Model: 440 SM; Dog Drinking Station
 Color:
 Finish: www.mostdependable.com

Product: Dog Park Furnishings (Waste Bag Station)

1. Mfg: Uline
Model: H-2897; Dog Waste System Dispenser
Color:
Finish: www.uline.com
2. Mfg: Uline
Model: H-2898; Dog Waste System Sign
Color:
Finish: www.uline.com
3. Mfg: Uline
Model: H-3491; Dog Waste System Receptacle
Color:
Finish: www.uline.com
4. Mfg: Uline
Model: S-15585; 8" x 13" Dog Waste Bags
Color:
Finish: www.uline.com

Product: Dog Park Furnishings (Leash Post)

1. Mfg: No Preference

Product: Dog Park Furnishings (Play Equipment)

1. Mfg: No Preference

Swimming Pools**Product: Pool Ladders**

1. Mfg: Paragon Aquatics
Model: Figure 4-44-073
Color: Grab Bars
Finish:

Product: Pool Handrails

1. Mfg: No Preference

Product: Diving Boards

1. Mfg: Duraform
Model: Varies
Color:
Finish:

Product: ADA Chair Lifts

1. Mfg: Paragon Aquatics
Model: Recreation Lifter 46-620
Color:
Finish:
2. Mfg: California Splash
Model: Lift Package 46-765
Color:
Finish:
3. Mfg: Paragon Aquatics
Model: Recreonics Lifter
Color:
Finish:
4. Mfg: Spectrum
Model:
Color:
Finish:

Product: Emergency Trauma Kits

1. Mfg: Custom per facility
Model:
Color:
Finish:

Product: Swim Lane Cords

1. Mfg: No Preference

Product: Pool Deck Lighting

1. Mfg: No Preference

Product: Pool Lighting

1. Mfg: No Preference

Product: Electronic Scoreboard

1. Mfg: Dakronics
Model: Varies
Color:
Finish:

1. Mfg: No Preference

Product: Markers

1. Mfg: No Preference

Product: Buoys

1. Mfg: No Preference

Product: Regulatory Signage

1. Mfg: No Preference

Product: Information Signage

1. Mfg: No Preference

Product: Directional Signage

1. Mfg: No Preference

Product: Pool Cover

1. Mfg: No Preference

3.1.1.6 LANDSCAPING**Planted Areas****Product: Organic Mulch**

1. Mfg:
Model: Fir Bark
Color:
Finish:
2. Mfg: Stover Seed Company (Turf Seed)
Model: Pro Sports field seed mixture
Color: 500 lbs. ordered
Finish:
3. Mfg: Superior Sod
Model: Superior Plus Sod
Color:
Finish:
Color:
Finish:

Product: Metal Trellis

1. Mfg: No Preference

Product: Root Barriers

1. Mfg: No Preference

Product: Tree Stakes

1. Mfg: No Preference

Product: Tree Guards

1. Mfg: Wabash
Model: Tree Grates; TG148U, TG105F
Color:
Finish:

Irrigation**Product: Low Volume Irrigation Equipment**

1. Mfg: No Preference

Product: Flow Sensor

1. Mfg: Rainbird
Model: Varies
Color:
Finish:

Product: Master Valve

1. Mfg: No Preference

Product: Backflow Prevention Device

1. Mfg: Febco
 Model: Varies
 Color:
 Finish:

Product: Backflow Device Lockable Enclosure

1. Mfg: No Preference
 Color:
 Finish:

Product: Pressure Regulator

1. Mfg: Watts
 Model: Varies
 Color:
 Finish:

Product: Variable-Frequency Drive Pumps & Motors

1. Mfg: Rainbird
 Model: Varies
 Color:
 Finish:

Product: Manual Control Valves (gate or globe)

1. Mfg: No Preference

Product: Remote Control Valves

1. Mfg: Rainbird
 Model: EFB Series
 Color: Brass
 Finish:

Product: Check Valves (anti-drain valves)

1. Mfg: Griswold
 Model: Varies
 Color:
 Finish:

Product: Quick Couplers

1. Mfg: Rainbird
 Model: Varies
 Color:
 Finish:

Product: Valve Boxes (traffic & non-traffic)

1. Mfg: No Preference
 Model: Concrete
 Color:
 Finish:

Product: Valve Box Covers (reclaimed water Control valves)

1. Mfg: No Preference

Product: Weather Based Irrigation Controller

1. Mfg: No Preference

Product: Sensors (rain, wind, etc.)

1. Mfg: Rainbird
 Model:
 Color:
 Finish:

Product: Spray Heads (Rotor)

1. Mfg: Rainbird
 Model:
 Color:
 Finish:

Product: Spray Heads (Fixed)

1. Mfg: No Preference

Product: Spray Heads (Stream Spray)

1. Mfg: No Preference

Product: Bubblers

1. Mfg: No Preference

3.1.1.7 STORM WATER MANAGEMENT**Grading and Drainage****Product: Sediment Traps (gabion cages)**

1. Mfg: No Preference

Product: Play Area Sump

1. Mfg: No Preference

Product: Drop Inlets (catch basin)**Traffic and Non-Traffic Covers**

1. Mfg: No Preference

Product: Atrium Drains

1. Mfg: No Preference

LID Site Design Strategies**PARKING LOT DRAINAGE****Product: Catch Basin with Filter**

1. Mfg: No Preference

3.1.1.8 UTILITIES**New Electrical and Lighting Utility Design****Product: Electrical Panels**

1. Mfg: No Preference

Product: Exterior Receptacles

1. Mfg: No Preference

Product: In-ground Concrete Junction Box

1. Mfg: No Preference

Product: Interior Restroom Movement Sensors

1. Mfg: No Preference

Product: Solar Lighting (Bollards)

1. Mfg: No Preference

Product: Solar Lighting (Security)

1. Mfg: No Preference

Product: Solar Lighting (Parking)

1. Mfg: No Preference

Product: Solar Lighting (Recreation)

1. Mfg: No Preference

Security Lighting**Product: Parking Lot Standards**

1. Mfg: Luminaire
 Model: M400
 Color: 953 Pole w/Base Plate Bolting
 Finish:

Product: Walkway Light Standards

1. Mfg: No Preference

Product: Building Wall Units

1. Mfg: No Preference

Recreational Field Lighting**Product: Ball Field Lighting**

1. Mfg: No Preference

Product: Soccer Field Lighting

1. Mfg: No Preference

HVAC**Product: HVAC System**

1. Mfg: No Preference

Telecommunication Systems**Product: System Equipment**

1. Mfg: No Preference

Smoke/Fire Detection Systems**Product: Fire Alarm System**

1. Mfg: No Preference

Product: Smoke Detection System

1. Mfg: No Preference

Product: Water Flow Alarms

1. Mfg: No Preference

3.1.2 South County Community Services Agency

3.1.2.1 SPATIAL ORGANIZATION

Security and Safety

Product: Security Cameras (monitoring system)

1. Mfg: Delco
Model: Spectra IV IP PT2 Network Camera
Color: White
Finish: Matte
2. Mfg: Pelco
Model: Spectra HD
Color: White
Finish: Matte
Notes: All cameras are to be networked based with room provided in the server for cameras and expandability. Remote viewing is a must.

Product: Window Guards

1. Mfg: No Preference

Product: Knox Box

1. Mfg: No Preference

3.1.2.2 BUILDINGS

Restroom Buildings

Product: Exterior Lighting

1. Mfg: RAB
Model: WPIG 100 Watt Halide
Color: Brown
Finish: Surface Mounted

Product: Doors and Hardware

1. Mfg: Yale Mortise
Model: AUE 8800 FL
Color: ZA Keyway
Finish: 26D/626
2. Mfg: Yale Lever
Model: AU 5400 LN
Color: ZA Keyway
Finish: 26D/626
3. Mfg: LCN Closer
Model: 4040 XP
Color: Aluminum
Finish:
4. Mfg: T.M. Cobb
Model: Lumber Core
Color: Natural
Finish: Birch
5. Mfg: Stanley / Lawrence
Model: Butt Hinges 4.5 x 4.5
Color: Stainless
Finish: 26-D

Product: Sinks

1. Mfg: Acorn
Model: 1952-1-CSG-9-GT-TT
Color: Satin
Finish: S.S.
2. Mfg: Acorn
Model: 1950-1-CSG-9-GT-TT
Color: Satin
Finish: Stainless Steel
3. Mfg: American Standard
Model: 035G.041
Color: White
Finish: Vitreous China

Product: Toilets

1. Mfg: Acorn 3" Waste
Model: 2100-T-1-CN-HS-FV
Color: Satin
Finish: Stainless Steel
2. Mfg: American Standard
Model: 2477
Color: White
Finish: Porcelain
3. Mfg: American Standard
Model:
Color:
Finish: Stainless Steel
4. Mfg: Kohler
Model: 4330
Color: White
Finish: White/Stainless Steel

Product: Urinals (standard and waterless)

1. Mfg: Acorn
Model: 2167-T-I-FV
Color: Satin
Finish: Stainless Steel
2. Mfg: American Standard
Model: 6590-001
Color: White
Finish: White/Stainless Steel
3. Mfg: American Standard
Model: 6541-132
Color: White
Finish: White/Stainless Steel
4. Mfg: Kohler
Model: K-5016-ET-0
Color: White
Finish: White/Stainless Steel

Product: Hand Dryers

1. Mfg: No Preference

Product: Drinking Fountains (wall mounted)

1. Mfg: Haws
Model: 1118 BP
Color: Satin
Finish: Stainless Steel

Product: Mirrors

1. Mfg: Bradley
Model: B-165 36"x 48"
Color: Chrome
Finish: Stainless Steel

Product: Soap Dispenser

1. Mfg: Waxie Sanitary Supply
Model: 1/2000ml Dispenser
Color: Gray
Finish:

Product: Toilet Seat Cover Dispensers

1. Mfg: Waxie
Model: 851560
Color: White
Finish: Plastic

Product: Toilet Paper Dispensers

1. Mfg: Waxie
Model: #815
Color: Chrome Plated
Finish:

Product: ADA Grab Bars

1. Mfg: Tubular Specialty
Model: SE 957
Color: Stainless Steel
Finish: 26-D
2. Mfg: Mintcraft
Model: SE957
Color: Stainless steel
Finish: 26-D

Product: Floor Drain

1. Mfg: American Standard
Model: 908-2
Color: White
Finish: Enamel Over Cast Iron

Product: CMU Block – Colored Split Face

1. Mfg: Orco Block
Model: 8 x 8 x 16
Color: Tan
Finish: Split Face
2. Mfg: Orco Block
Model: 8 x 4 x 16
Color: Grey and Tan
Finish: Smooth

Product: CMU Block – Burnished

1. Mfg: No Preference

Gymnasium Buildings**Product: Bleachers (Temporary Bleachers)**

1. Mfg: Highland Products
Model: Tip-N-Roll
Color: Varies
Finish:
2. Mfg: Maxam
Model: Varies
Color:
Finish:
3. Mfg: Tomark Sports
Model: TM-K14078
Color: Gray
Finish: Aluminum

Product: Bleachers (Retractable Bleachers)

1. Mfg: Maxam Bleachers
Model: Varies
Color:
Finish:
2. Mfg: Tomark
Model: Varies
Color:
Finish:
3. Mfg: Herk Edwards Inc.
Model: #2600
Color:
Finish:

Product: Scoreboard

1. Mfg: Daktronics Scoreboards
Model: Varies
Color:
Finish:
2. Mfg: All American Scoreboards
Model: Varies
Color:
Finish:
3. Mfg: Macgregor Scoreboards
Model: Varies
Color:
Finish:
4. Mfg: Tomark Sports
Model: Danaview
Color:
Finish:

Product: Basketball Standards

1. Mfg: Tomark
Model: Varies
Color:
Finish:

Product: Wall Padding

1. Mfg: Wainscoting Padding
Model: Varies
Color:
Finish:
2. Mfg: Kwik-Stik
Model: Varies
Color:
Finish:
3. Mfg: AK Athletic Equipmet
Model: Varies
Color:
Finish:
4. Mfg: Tomark Sports
Model: TM-K35050
Color:
Finish:

Product: Wood Flooring

1. Mfg: Johnson
Model: Strip
Color: Natural
Finish: Gloss
2. Mfg: Robbins
Model: Strip
Color: Natural
Finish: Gloss

Product: Drinking Fountain (wall mounted)

1. Mfg: Haws
Model: 2400 Recessed
Color: Satin
Finish: Stainless Steel
2. Mfg: Haws – Cooler
Model: 2106
Color: Satin
Finish: Stainless Steel
3. Mfg: Haws
Model: 1118 BP
Color: Stainless Steel
Finish: Satin

Product: Doors & Hardware

1. Mfg: Yale Mortise
Model: Alle 8800FL
Color: ZA Keyway
Finish: 26D / 626
2. Mfg: Yale Lever
Model: AU5400FL
Color: ZA Keyway
Finish: 26D / 626
3. Mfg: Von Duprin Exit Device
Model: 99 Series Touch Bar Exit Device
Color:
Finish: 26D / 626
4. Mfg: LCN Closers
Model: 4040 XP
Color: Aluminum
Finish:

Product: Interior Lights

1. Mfg:
Model: 4'T-8 Fluorescent
Color: White
Finish: Surface Mount
2. Mfg:
Model: 100w Mh Recessed Can
Color: White Trim
Finish: Recessed
3. Mfg: CF1800 / 841 18 Watt
Model: CFL18W Fluorescent
Color: White Finish
Finish: Recessed Light Can
4. Mfg: CF 1300 / 827 13Watt
Model: 13W 2-Pin Fluorescent
Color: White Trim
Finish: Recessed Light Can

Product: Windows

1. Mfg: Milgard
Model: #238
Color: White
Finish: Aluminum

Product: Exercise Room Flooring

1. Mfg: Rubber Flooring Inc.
Model: Varies, 3/8" thick
Color:
Finish:
2. Mfg: Tomark
Model: Varies
Color:
Finish:

Product: Exercise Room Equipment

1. Mfg: Specialty Fitness (Vendor)
Model:
Color:
Finish:
2. Mfg: Sears (Vendor)
Model:
Color:
Finish:
3. Mfg: Sports Authority (Vendor)
Model:
Color:
Finish:

Product: HVAC System

1. Mfg: Carrier (In gym)
Model: 48 TC "WeatherMaker"
Color: Grey
Finish: Package Unit (Roof top)
2. Mfg: York (In main office)
Model: H2RD Series
Color: Brown
Finish: Split System
3. Mfg: Friedrich
Model: SS 12M10
Color: Grey/Black
Finish: Window Mounting
4. Mfg: York (Heat pump)
Model: XP120 Series
Color: Brown
Finish: Package Unit (Roof top)
5. Mfg: Carrier
Model: 38HDR060-321
Color: Grey
Finish: Split Mounted (Vertical) Split System

Product: Fire Sprinklers

1. Mfg: No Preference

Product: Stage Lift

1. Mfg: Southern Aluminum
Model: Portable Stages
Color:
Finish:
2. Mfg: School Outfitters
Model: Portable Stages
Color:
Finish:

Product: Dressing Room Mirrors

1. Mfg: School Outfitters
Model: Varies
Color:
Finish:
2. Mfg: School Specialty
Model: Varies
Color:
Finish:
3. Mfg: Direct Advantage
Model: Varies
Color:
Finish:
4. Mfg: Discount School Supply
Model: Varies
Color:
Finish:
5. Mfg: A to Z Glass
Model: All Models
Color: All Colors
Finish: All Finishes

Product: Dressing Room Lockers

1. Mfg: School Outfitters
Model: Varies
Color:
Finish:
2. Mfg: Direct Advantage
Model: Varies
Color:
Finish:
3. Mfg: Discount School Supply
Model: Varies
Color:
Finish:

Product: Dressing Room Bench/Seating

1. Mfg: Classroom Direct
Model: Varies
Color:
Finish:
2. Mfg: School Outfitters
Model: Varies
Color:
Finish:

Product: Dressing Room Counter

1. Mfg: Discount School Supply
Model: Varies
Color:
Finish:
2. Mfg: Classroom Direct
Model: Varies
Color:
Finish:

Product: Stage Lighting

1. Mfg:
Model: Induction Lights 250 Watt
Color: White
Finish: Hanging Type
2. Mfg:
Model: LED Lights 250 Watt
Color: White
Finish: Hanging Type

Product: Stage Curtain

1. Mfg: iWeiss Theatrical Solutions
Model: Varies
Color:
Finish:

Product: Storage Room Shelving

1. Mfg: School Outfitters
Model: Varies
Color:
Finish:
2. Mfg: Discount School Supply
Model: Varies
Color:
Finish:
3. Mfg: Classroom Direct
Model: Varies
Color:
Finish:
4. Mfg: Tomark
Model: Varies
Color:
Finish:

Product: Telephone System

1. Mfg: Nortel Networks
Model:
Color:
Finish:
2. Mfg: Avaya Incorporated
Model:
Color:
Finish:
3. Mfg: CISCO
Model:
Color:
Finish:
4. Mfg: ISD
Model:
Color:
Finish:

Product: Public Address System - Speakers

1. Mfg: Fender
Model: Varies
Color:
Finish:
2. Mfg: Guitar Center (Vendor)
Model: Varies
Color:
Finish:
3. Mfg: Best Buy (Vendor)
Model: Varies
Color:
Finish:

Product: Office Furniture

1. Mfg: Classroom Direct
Model: Varies
Color:
Finish:
2. Mfg: School Outfitters
Model: Varies
Color:
Finish:
3. Mfg: Discount School Supply
Model: Varies
Color:
Finish:

Community Buildings**Product: Room Partitions**

1. Mfg: Staples (Vendor)
Model:
Color:
Finish:

Product: Folding/Stacking Chairs

1. Mfg: School Outfitters (Vendor)
Model:
Color:
Finish:
2. Mfg: Virco
Model:
Color:
Finish:
3. Mfg: Discount School Supply (Vendor)
Model:
Color:
Finish:
4. Mfg: National Public Seating (Vendor)
Model:
Color:
Finish:

Product: Flooring

1. Mfg: No Preference
Model:
Color:
Finish:

Product: Classroom Tables

1. Mfg: Virco
Model:
Color:
Finish:
2. Mfg: School Outfitters (Vendor)
Model:
Color:
Finish:
3. Mfg: Discount School Supply (Vendor)
Model:
Color:
Finish:

Product: Blackboard/Whiteboard

1. Mfg: School Outfitters (Vendor)
Model:
Color:
Finish:

Product: Bulletin Boards/Pin Boards

1. Mfg: School Outfitters (Vendor)
Model:
Color:
Finish:
2. Mfg: Discount School Supply (Vendor)
Model:
Color:
Finish:
3. Mfg: Staples (Vendor)
Model:
Color:
Finish:

Product: Audio Visual Equipment - Screens

1. Mfg: Tomark
Model:
Color:
Finish:
2. Mfg: Best Buy (Vendor)
Model:
Color:
Finish:
3. Mfg: Fry's (Vendor)
Model:
Color:
Finish:

Product: Audio Visual Equipment -**Electronic Equipment**

1. Mfg: No Preference

Product: Staff Offices - Office Equipment

1. Mfg: Staples (Vendor)
Model:
Color:
Finish:
2. Mfg: School Outfitters (Vendor)
Model:
Color:
Finish:
3. Mfg: National Business Furniture (Vendor)
Model:
Color:
Finish:

Product: Staff Offices - Desks

1. Mfg: Staples (Vendor)
Model:
Color:
Finish:
2. Mfg: School Outfitters (Vendor)
Model:
Color:
Finish:

Product: Staff Offices - Cabinets

1. Mfg: Staples (Vendor)
Model:
Color:
Finish:
2. Mfg: Office Furniture (Vendor)
Model:
Color:
Finish:

Product: Staff Offices - Storage

1. Mfg: National Business Furniture (Vendor)
Model:
Color:
Finish:

Product: Staff Offices - Flooring

1. Mfg: No Preference
Model:
Color:
Finish:

Product: Staff Offices - IT Services

1. Mfg: No Preference

Product: Staff Offices - Telephone Conference**Equipment - Speakers**

1. Mfg: No Preference

Product: Reception Chairs

1. Mfg: Staples (Vendor)
Model:
Color:
Finish:
2. Mfg: National Business Furniture (Vendor)
Model:
Color:
Finish:

Product: Janitor Room Shelving

1. Mfg: No Preference
Model:
Color:
Finish:

Product: Janitor Mop Sink

1. Mfg: American Standard
Model: 7692.d49
Color: White
Finish: Enamel

Product: Kitchen Appliances

1. Mfg: Arrow Restaurant Equipment (Vendor)
Model:
Color:
Finish:
2. Mfg: KaTom Restaurant Supply (Vendor)
Model:
Color:
Finish:
3. Mfg: Central Restaurant (Vendor)
Model:
Color:
Finish:

Product: Counters

1. Mfg: No Preference

Product: Cabinets/Hardware

1. Mfg: No Preference

Product: Fire Suppression

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Sports Field Concession Stand**Product: Kitchen Appliances**

1. Mfg: Arrow Restaurant Equipment (Vendor)
Model:
Color:
Finish:
2. Mfg: KaTom Restaurant Supply (Vendor)
Model:
Color:
Finish:
3. Mfg: Central Restaurant (Vendor)
Model:
Color:
Finish:

Product: Counters

1. Mfg: No Preference

Product: Cabinets/Hardware

1. Mfg: No Preference

Product: Fire Suppression System

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: A/O Smith
Model: 2-415 9N
Color: Chrome
Finish:

Product: Sinks

1. Mfg: ACORN
Model: 1952-1-CSG-9-GT-TT
Color: Satin
Finish: Stainless Steel
2. Mfg: American Standard
Model: 035G 041
Color: White
Finish: Vitreous China

Product: Service Windows

1. Mfg: No Preference

Maintenance Buildings/Yards**Product: Gates**

1. Mfg: No Preference

Product: Cargo Containers

1. Mfg: No Preference

Product: Storage Containers

1. Mfg: South West Mobile Storage (Vendor)
Model:
Color:
Finish:
2. Mfg: Aztec Containers (Vendor)
Model:
Color:
Finish:
3. Mfg: Mobile Mini Containers (Vendor)
Model:
Color:
Finish:

Product: Restroom Equipment and Fixtures

1. Mfg: No Preference

Product: Building Interior Equipment

1. Mfg: No Preference

Pool Buildings**Product: Exterior Lighting**

1. Mfg: No Preference

Product: Interior Lighting

1. Mfg: No Preference

Product: Doors and Hardware

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: Toilets

1. Mfg: No Preference

Product: Urinals (standard and waterless)

1. Mfg: No Preference

Product: Hand Dryers

1. Mfg: No Preference

Product: Drinking fountains (wall mounted)

1. Mfg: Haws
 Model: 118 BP
 Color: Satin
 Finish: Stainless Steel

Product: Soap Dispenser

1. Mfg: No Preference

Product: ADA Grab Bars

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: CMU Block - Colored Split Face

1. Mfg: No Preference

Product: CMU Block - Burnished

1. Mfg: No Preference

Product: Mirrors

1. Mfg: No Preference

Product: Toilet Seat Cover Dispensers

1. Mfg: No Preference

Product: Toilet Paper Dispensers

1. Mfg: No Preference

Product: Dressing Room Benches

1. Mfg: No Preference

Product: Shower Fixtures

1. Mfg: Chicago
 Model: 770-669
 Color: Chrome
 Finish: Chrome

Product: Flooring

1. Mfg: No Preference

Product: Mechanical Equipment

1. Mfg: No Preference

Product: Signage

1. Mfg: In-house sign shop (DPR)
 Model:
 Color:
 Finish:

Product: HVAC System

1. Mfg: Carrier
Model: 48 TC "Weathermaker"
Color: Grey
Finish: Package Unit (Roof Top)
2. Mfg: York (In main office)
Model: H2RD Series
Color: Brown
Finish: Split System
3. Mfg: Fredrich
Model: SS 12M10
Color: Grey/Black
Finish: Window Mounting
4. Mfg: York
Model: XP 120 Series
Color: Brown
Finish: Package Unit (Roof Top)
5. Mfg: Carrier
Model: 38HDR060-321
Color: Grey
Finish: Split Mounted (vertical) Split

Product: Water Heaters

1. Mfg: American
Model: Varies
Color:
Finish:
2. Mfg: A/O Smith
Model: Varies
Color:
Finish:
3. Mfg: Rheem
Model: Varies
Color:
Finish:

3.1.2.3 PARKING LOTS**Product: Barrier Gates**

1. Mfg: No Preference

Product: Paint Striping

1. Mfg: No Preference

Product: ADA Truncated Domes

1. Mfg: No Preference

Product: Bollards

1. Mfg: No Preference

Product: Wheel Stops

1. Mfg: No Preference
Model:
Color:
Finish: Concrete

Product: Spike Strips

1. Mfg: No Preference

Product: Trash Enclosure (CMU/Split face block)

1. Mfg: No Preference
Finish:

Product: Trash Enclosure Roof Material

1. Mfg: No Preference

3.1.2.4 CIRCULATION**Pedestrian****Product: Decomposed Granite**

1. Mfg: Gail Materials
Model:
Color:
Finish:
2. Mfg: Whittier Fertilizer
Model:
Color:
Finish:
3. Mfg: Sands Building Materials
Model:
Color:
Finish:

Product: Decomposed Granite Stabilized

1. Mfg: Gail Materials
Model:
Color:
Finish:
2. Mfg: Whittier Fertilizer
Model:
Color:
Finish:
3. Mfg: Sands Building Materials
Model:
Color:
Finish:

Product: Permeable Pavers

1. Mfg: No Preference

Product: ADA Truncated Domes

1. Mfg: No Preference

Vehicular**Product: Emergency Vehicle Lane Access Barrier**

1. Mfg: No Preference

Product: Speed Humps

1. Mfg: No Preference

3.1.2.5 RECREATIONAL FACILITIES**Ball Fields****Product: Brick Dust**

1. Mfg: Corona Clay
Model:
Color:
Finish:

Product: Softball Backstop

1. Mfg: No Preference
Model: 9 Gauge
Color:
Finish: Chain Link

Product: Baseball Backstop

1. Mfg: No Preference
Model: 9 Gauge
Color:
Finish: Chain Link

Product: Chain Link Fence

1. Mfg: No Preference
Model: 9 Gauge
Color:
Finish:

Product: Bleachers (Metal and Wood)

1. Mfg: Tomark
Model:
Color:
Finish:

Product: Bleachers (Aluminum)

1. Mfg: Tomark
Model:
Color:
Finish:
2. Mfg: Her
Model:
Color:
Finish:

Product: Shade Covers for Dugouts

1. Mfg: No Preference

Product: Shade Covers for Bleachers

1. Mfg: No Preference

Product: Bat Racks

1. Mfg: No Preference

Product: Player Benches

1. Mfg: No Preference

Product: Bases

1. Mfg: No Preference

Product: Batting Cages

1. Mfg: No Preference

Product: Scoreboard

1. Mfg: No Preference

Product: Foul Ball Poles

1. Mfg: No Preference

Product: Outfield fencing with Cap Padding

1. Mfg: No Preference

Product: Pole Padding

1. Mfg: No Preference

Product: Drinking Fountains

1. Mfg: Haws
Model: 1118 BP
Color: Satin
Finish: Stainless Steel

Sports Fields**SOCCER AND MULTI-USE COURTS****Product: Scoreboard**

1. Mfg: No Preference

Product: Bleachers

1. Mfg: Herks
Model:
Color:
Finish:
2. Mfg: Tomark
Model:
Color:
Finish: Vitreous China

Product: Player Benches

1. Mfg: Tomark
Model:
Color:
Finish:
2. Mfg: Herks
Model:
Color:
Finish:

Product: Field Lighting Pole Padding

1. Mfg: No Preference

Product: Drinking Fountains

1. Mfg: Haws
Model: 1118 BP
Color: Satin
Finish: Stainless Steel

Sports Courts**BASKETBALL****Product: Pole and Backboard**

1. Mfg: No Preference

Product: Spectator Bleachers

1. Mfg: No Preference

Product: Player Benches

1. Mfg: No Preference

Product: Basketball Court Lighting

1. Mfg: Graybar
Model:
Color:
Finish:
2. Mfg: Monterey Lighting
Model: LED
Color:
Finish:

Product: Indoor Basketball Scoreboard

1. Mfg: No Preference

TENNIS COURTS**Product: Fence Screen**

1. Mfg: No Preference

Product: Poles and Net

1. Mfg: No Preference

Product: Court Surfacing

1. Mfg: No Preference

Product: Tennis Court Lighting

1. Mfg: Visionire Lighting
Model: 750 Watt H2D Pulse-Start
Color: LED Lighting
Finish: Varies
2. Mfg:
Model:
Color:
Finish:

VOLLEYBALL**Product: Steel Poles**

1. Mfg: No Preference

Product: Net

1. Mfg: No Preference

Product: Court Rope Lines

1. Mfg: No Preference

Product: Spectator Benches

1. Mfg: No Preference

Product: Sand

1. Mfg: No Preference

Product: Volleyball Court Lighting

1. Mfg: Varies
Model: Metal Halide
Color: Pulse-Start
Finish:
2. Mfg: LED Lighting
Model: Varies
Color:
Finish:

Extreme Sports**SKATE PARKS****Product: On-Grade Skate Elements**

1. Mfg: No Preference

Product: Spectator Bleachers

1. Mfg: No Preference

Product: Benches

1. Mfg: No Preference

Product: Benches

1. Mfg: No Preference

Product: Decorative Fencing

1. Mfg: No Preference

Product: Sport Lighting

1. Mfg: Musco Lighting
Model: 1500 W
Color:
Finish:
2. Mfg: Monterey Lighting
Model: 750 W Hid
Color:
Finish:
3. Mfg: Monterey Lighting
Model: 450 W LED
Color:
Finish:

Active Recreation Amenities**FITNESS ZONES****Product: Exercise Equipment**

1. Mfg: No Preference

Product: Surface Material

1. Mfg: No Preference

Product: Enclosure Pit Edge

1. Mfg: No Preference

HORSESHOE PITS**Product: Horseshoe Stakes**

1. Mfg: No Preference

Children's Play Areas**Product: Play Equipment Components**

1. Mfg: No Preference

Product: Climbing Boulders or Animal Sculptures

1. Mfg: No Preference

Product: Decorative Fencing

1. Mfg: No Preference

Product: Engineered Wood Fiber Surfacing

1. Mfg: Cross Road Mulch
 Model: Wood Fiber
 Color:
 Finish:

Product: Rubber Tile Surfacing

1. Mfg: No Preference

Product: Poured In Place Surfacing

1. Mfg: No Preference

Product: Shade Sails

1. Mfg: No Preference

Splash Pads**Product: Spray Elements**

1. Mfg: No Preference

Product: Concrete Coloring

1. Mfg: No Preference

Product: Shade Sails

1. Mfg: No Preference

Product: Seat Wall

1. Mfg: No Preference

Product: Mechanical Equipment Enclosure

1. Mfg: No Preference

Passive Recreation Areas**GROUP PICNIC AREAS****Product: Shade Shelter**

1. Mfg: No Preference

Product: Picnic Area Name or Identification**Number Signs**

1. Mfg: No Preference

INDIVIDUAL PICNIC AREAS**Product: Shade Shelter**

1. Mfg: No Preference

Park Furnishings**Product: Picnic Tables**

1. Mfg: No Preference

Product: Benches

1. Mfg: No Preference

Product: Drinking Fountains

1. Mfg: No Preference

Product: Bicycle Racks

1. Mfg: No Preference

Product: Bicycle Storage

1. Mfg: No Preference

Product: Trash Receptacles

1. Mfg: No Preference

Product: Hot Coal Receptacles

1. Mfg: No Preference

Product: Barbeque Grills

1. Mfg: No Preference

Product: Park Signage

1. Mfg: No Preference

Product: Security Light Fixtures

1. Mfg: GE 454641.IES (ERS 2)
 Model: HXCX
 Color: Grey
 Finish: Polyester Powder Painted
2. Mfg: GE
 Model: EASM-E3 57-A
 Color: DKB2
 Finish: Polyester Powder Painted
3. Mfg: GE
 Model: EAMM-M3-57-A
 Color:
 Finish:

Product: Seat Wall Anti-Skateboard Guards

1. Mfg: No Preference

Product: Ball Field Maintenance Equipment**Containers**

1. Mfg: No Preference

Product: Ball Field Maintenance Equipment**Containers**

1. Mfg: No Preference

Product: Park Signage

1. Mfg: In-House
 Model:
 Color:
 Finish:
2. Mfg: Fossil Graphics
 Model:
 Color: Varies
 Finish:

Product: Park Identification Signs

1. Mfg: No Preference

Product: Park Direction Signs

1. Mfg: No Preference

Product: Fencing

1. Mfg: Varies
 Model: Chain Link 9 Gauge
 Color:
 Finish:
2. Mfg: Bobco Metals
 Model: Rod-Iron
 Color:
 Finish:

Product: Chain Link Fencing

1. Mfg: Wolverine
 Model: 9 Gauge
 Color:
 Finish:
2. Mfg: American
 Model: 9 Gauge
 Color:
 Finish:

Product: Steel Picket Fencing

1. Mfg: No Preference

Product: Dog Park Furnishing (Drinking Station)

1. Mfg: Haws
 Model: 1118 BP
 Color: Satin
 Finish: Stainless Steel

Product: Dog Park Furnishings (Waste Bag Station)

1. Mfg: No Preference

Product: Dog Park Furnishings (Leash Post)

1. Mfg: No Preference

Product: Dog Park Furnishings (Play Equipment)

1. Mfg: No Preference

Swimming Pools**Product: Pool Ladders**

1. Mfg: No Preference

Product: Pool Handrails

1. Mfg: No Preference

Product: Diving Boards

1. Mfg: No Preference

Product: ADA Chair Lifts

1. Mfg: No Preference

Product: Emergency Trauma Kits

1. Mfg: First Aid Trauma Kit
Model: FAK-TRMK-1, National Safety Compliance (Vendor)
Color: Orange
Finish: www.OSHA-safety-training.net
2. Mfg: Sports First Aid Kit
Model: FAK/Sports – EMS Safety Services (Vendor)
Color: Orange
Finish: www.emssafetyservices.com
3. Mfg: First Responder Kit
Model: VRG-999207N (Vendor)
Color: Blue
Finish: www.firstaidmart.com
4. Mfg: First Responder Kit
Model: VRG-999207 (Vendor)
Color: Orange
Finish: www.firstaidmart.com

Product: Swim Lane Cords

1. Mfg: Sheridan Storage Reel
Model: 55525-00 Sheridan
Color: Stainless Steel
Finish:
2. Mfg: Simple Storage Reel
Model: 51-002
Color: Stainless Steel
Finish: www.pannell.com
3. Mfg: Stainless Storage Reel
Model: (Vendor)
Color: Stainless Steel
Finish: www.pannell.com
4. Mfg: Antiwave Pool Products (Vendor)
Model: Antiwave – 25 yards
Color: Blue and white
Finish: www.lincolnequipment.com
5. Mfg: Antiwave – 50 meter
Model: Antiwave Pool Products (Vendor)
Color: Red and white
Finish: www.lincolnequipment.com

Product: Pool Deck Lighting

1. Mfg: No Preference

Product: Pool Lighting

1. Mfg: Pentair Water
Model: IntelliBrite White LED, 5g, 120v, 500w
Color: Stainless Steel
Finish: Stainless Steel
2. Mfg: Pentair Water
Model: 120v, 300w Incandescent
Color: Stainless Steel
Finish: Stainless Steel

Product: Electronic Scoreboard

1. Mfg: Colorado Time Systems
Model: SY56
Color:
Finish: www.coloradotime.com

Product: Markers

1. Mfg: No Preference

Product: Buoys

1. Mfg: No Preference

Product: Regulatory Signage

1. Mfg: "Maximum Pool Capacity"
Model: "Emergency Action Plan"
Color: "Authorized Personnel Only"
Finish: "Emergency Call 9-911"
2. Mfg: "First Aid and Oxygen"
Model: "Hazardous Material"
Color: "No Diving"
Finish: "No Lifeguard On Duty"
3. Mfg: "CPR"
Model: "Emergency Shut Off Switch"
Color: "Keep Closed"
Finish: "Diarrhea Notice"
4. Mfg: *All signs to be fabricated by DPR Sign Shop
Model:
Color:
Finish:

Product: Information Signage

1. Mfg: "Swimsuit Required"
Model: DPR Sign Shop
Color:
Finish:
2. Mfg: "Obey Your Lifeguard"
Model: DPR Sign Shop
Color:
Finish:
3. Mfg: "No Street Clothes on Deck"
Model: DPR Sign Shop
Color:
Finish:
4. Mfg: "Pool Rules"
Model: DPR Sign Shop
Color:
Finish:

Product: Directional Signage

1. Mfg: No Preference

Product: Pool Cover

1. Mfg: No Preference

3.1.2.6 LANDSCAPING**Planted Areas****Product: Organic Mulch**

1. Mfg: Ag Organics
Model:
Color:
Finish:
2. Mfg: Whittier Fertilizer
Model: Medium Bark
Color:
Finish:

Product: Metal Trellis

1. Mfg: No Preference

Product: Root Barriers

1. Mfg: No Preference

Product: Tree Stakes

1. Mfg: No Preference

Product: Tree Guards

1. Mfg: No Preference

Irrigation**Product: Low Volume Irrigation Equipment**

1. Mfg: No Preference

Product: Flow Sensor

1. Mfg: Rain Bird
Model: Maxicom MDC2
Color: Black
Finish: Plastic
2. Mfg: Rain Bird
Model: F53508
Color: Black
Finish: Plastic

Product: Master Valve

1. Mfg: Rainbird
Model: 2" and JP
Color:
Finish:
2. Mfg: Griswold
Model: Up to 3"
Color:
Finish:
3. Mfg: Cla-Valve
Model: Up to 4"
Color:
Finish:

Product: Backflow Prevention Device

1. Mfg: Watts
Model: 909
Color: Brass OR
Finish: Epoxy
2. Mfg: Wilkins
Model: 375
Color:
Finish: Epoxy

Product: Backflow Device Lockable Enclosure

1. Mfg: Cold Rolled Steel
Model: BL-30 6R
Color: Green
Finish: Powder Coat
2. Mfg: Guard Shack
Model: 33010135
Color: Green
Finish: Powder Coat

Product: Pressure Regulator

1. Mfg: CLA-VAL
Model: 100-01
Color: Cast Iron
Finish: Epoxy
2. Mfg: Wilkins
Model: 2W109
Color:
Finish: Epoxy

Product: Variable-Frequency Drive Pumps & Motors

1. Mfg: No Preference

Product: Manual Control Valves (gate or globe)

1. Mfg: NIBCO
Model: T-113
Color:
Finish: Brass
2. Mfg: Kennedy
Model: KS-FW
Color: Orange
Finish: Epoxy

Product: Remote Control Valves

1. Mfg: Rainbird
Model: GB
Color: Brass
Finish:
2. Mfg: Rainbird
Model: GBR
Color: Brass
Finish:

Product: Check Valves (anti-drain valves)

1. Mfg: King-Bros
Model: CV 300
Color: Black
Finish: Plastic

Product: Quick Couplers

1. Mfg: Rainbird
Model: 33-DRC
Color: Brass
Finish:

Product: Valve Boxes (traffic & non-traffic)

1. Mfg: Christy-Concrete
Model: B-9
Color:
Finish: Concrete
2. Mfg: Carson
Model: 1419
Color: Green
Finish: Plastic
3. Mfg: Rainbird
Model: VB-STD
Color: Green
Finish: Plastic

Product: Valve Box Covers (reclaimed water**Control valves)**

1. Mfg: Rain Bird
Model: VB-5TDP
Color: Black Body
Finish: Purple Lid
2. Mfg: Rain Bird
Model: 7" Round VB-7RND
Color: Black Body
Finish: Purple Lid

Product: Weather Based Irrigation Controller

1. Mfg: No Preference

Product: Sensors (rain, wind, etc.)

1. Mfg: Rainbird
Model: WS-PRO@-PH5
Color:
Finish: Stainless Steel

Product: Spray Heads (Rotor)

1. Mfg: Rain Bird
Model: 5500, 7005, 8005 SS
Color: Stainless Steel Riser
Finish: Black

Product: Spray Heads (Fixed)

1. Mfg: Rain Bird
Model: 1804, 1806, 1812 (SAM)
Color: Black
Finish:
2. Mfg: Rain Bird
Model: 15Q, 15F, 15H, 15T, 15TT
Color:
Finish:
3. Mfg: Rain Bird
Model: 12Q, 12F, 12H, 15T, 15TT
Color:
Finish:
4. Mfg: Rain Bird
Model: 10Q, 10F, 10H, 10T, 10TT
Color:
Finish:
5. Mfg: Rain Bird
Model: 8Q, 8H, 8T, 8TT
Color:
Finish:

Product: Spray Heads (Stream Spray)

1. Mfg: Rain Bird
Model: R13-18F, R13-18TQ, R13-18TT, R13-18H, R13-18T, R13-18Q
Color: Black
Finish:
2. Mfg: Rain Bird
Model: R17-24F, R17-24TQ, R17-24TT, R17-24H, R17-24T, R17-24Q
Color: Yellow
Finish:

Product: Bubblers

1. Mfg: No Preference

3.1.2.7 STORM WATER MANAGEMENT**Grading and Drainage****Product: Sediment Traps (gabion cages)**

1. Mfg: No Preference

Product: Play Area Sump

1. Mfg: No Preference

Product: Drop Inlets (catch basin)**Traffic and Non-Traffic Covers**

1. Mfg: No Preference

Product: Atrium Drains

1. Mfg: No Preference

LID Site Design Strategies**PARKING LOT DRAINAGE****Product: Catch Basin with Filter**

1. Mfg: No Preference

3.1.2.8 UTILITIES**New Electrical and Lighting Utility Design****Product: Electrical Panels**

1. Mfg: No Preference

Product: Exterior Receptacles

1. Mfg: No Preference

Product: In-ground Concrete Junction Box

1. Mfg: No Preference

Product: Interior Restroom Movement Sensors

1. Mfg: Watt Stopper

Model:

Color:

Finish:

Product: Solar Lighting (Bollards)

1. Mfg: No Preference

Product: Solar Lighting (Security)

1. Mfg: No Preference

Product: Solar Lighting (Parking)

1. Mfg: No Preference

Product: Solar Lighting (Recreation)

1. Mfg: No Preference

Security Lighting**Product: Parking Lot Standards**

1. Mfg: GE 454641.ies (ERS2)
Model: HXCX
Color: Gray
Finish: Polyester Powder Painted
2. Mfg: GE
Model: EASM-E3,57,A
Color: DKBZ
Finish: Polyester Powder Paint
3. Mfg: GE
Model: EAMM-M3-57-A
Color: DKBZ
Finish: Polyester Powder Painted

Product: Walkway Light Standards

1. Mfg: No Preference

Product: Building Wall Units

1. Mfg: GE
Model: Evolve LED, EWSW
Color: Dark Bronze
Finish: Polyester Powder Painted
2. Mfg: RAB
Model:
Color: Bronze
Finish: Die Cast Bronze
3. Mfg: Hubbell
Model: PGM3-30LU-5k-BZ
Color: Dark Bronze Powder Painted
Finish: Die Cast Aluminum

Recreational Field Lighting**Product: Ball Field Lighting**

1. Mfg: Monterey Lighting
Model: 100w Metal Halide
Color:
Finish:
2. Mfg: Musco Lighting
Model: 1500w
Color:
Finish:

Product: Soccer Field Lighting

1. Mfg: Monterey Lighting
Model: LED 750w
Color:
Finish:
2. Mfg: Monterey Lighting
Model: Metal Halide 1000w
Color:
Finish:
3. Mfg: Musco Lighting
Model: 1500w
Color:
Finish:
4. Mfg: Musco Lighting
Model: 1000w
Color:
Finish:

HVAC**Product: HVAC System**

1. Mfg: No Preference

Telecommunication Systems**Product: System Equipment**

1. Mfg: Carrier
Model: 48 TC "WeatherMaker"
Color: Grey
Finish: Package Unit (roof top)
2. Mfg: York (in main office)
Model: H2RD Series
Color: Brown
Finish: Split System
3. Mfg: Friedrich
Model: SS12M10
Color: Grey/Black
Finish: Window Mounting
4. Mfg: York (heat pump)
Model: XP120 Series
Color: Brown
Finish: Package Unit (roof top)
5. Mfg: Carrier
Model: 38HDR060-321
Color: Grey
Finish: Split Mounted (vertical), Split System

Smoke/Fire Detection Systems

Product: Fire Alarm System

1. Mfg: Notifier
- Model:
- Color:
- Finish:
2. Mfg: Radionics
- Model:
- Color:
- Finish:

Product: Smoke Detection System

1. Mfg: No Preference

Product: Water Flow Alarms

1. Mfg: No Preference

3.1.3 North County Community Services Agency

3.1.3.1 SPATIAL ORGANIZATION

Security and Safety

Product: Security Cameras (monitoring system)

1. Mfg: No Preference

Product: Window Guards

1. Mfg: No Preference

Product: Knox Box

1. Mfg: No Preference

3.1.3.2 BUILDINGS

Restroom Buildings

Product: Exterior Lighting

1. Mfg: Kenall Herculux
Model: H69D (5000) Wall Mount
Color:
Finish:
2. Mfg: Kenall Herculux
Model: H99D (5300) Ceiling Mount
Color:
Finish:
3. Mfg: Appalachian Lighting System
Model: WP1 Wall Mount
Color:
Finish:
4. Mfg: Appalachian Lighting System
Model: CL Canopy Mount
Color:
Finish:

Product: Doors and Hardware

1. Mfg: Yale
Model: 8800 Series AUR Augusta
Color: Stainless Steel
Finish:
2. Mfg: Yale
Model: 8805 Series Storeroom (F07)
Color: Stainless Steel
Finish:

Product: Sinks

1. Mfg: American Standard
Model: 0356.115
Color: White
Finish:
2. Mfg: Chicago Faucets
Model: 807-665PSH
Color:
Finish:

Product: Toilets

1. Mfg: American Standard
Model: 2294.011
Color: White
Finish:
2. Mfg: Sloan Royal Flush Valve
Model: 110 or 111
Low Consumption
Color:
Finish:

Product: Urinals (standard and waterless)

1. Mfg: American Standard
Model: 6501.010
Color: White
Finish:
2. Mfg: Sloan Royal Flush Valve
Model: 186-1
Color:
Finish:

Product: Hand Dryers

1. Mfg: Xlerator Hand Dryers
Model: XL-SB
Color:
Finish: Stainless Steel Brushed

Product: Drinking Fountains (wall mounted)

1. Mfg: Haws Corporation
Model: 1025
Color: Dark Green
Finish:

Product: Mirrors

1. Mfg: Meek
Model: M5300 Snap Frame
Color:
Finish: Stainless Steel

Product: Soap Dispenser

1. Mfg: Maintex
Model: 2324065
Color: White
Finish:

Product: Toilet Seat Cover Dispensers

1. Mfg: Health Guards
Model:
Color:
Finish:

Product: Toilet Paper Dispensers

1. Mfg: Royce Rolls Ringer Co.
Model: TP-2
Color:
Finish: Stainless Steel

Product: ADA Grab Bars

1. Mfg: Bobrick
Model: B-6806
Color:
Finish:

Product: Floor Drain

1. Mfg: No Preference

Product: CMU Block – Colored Split Face

1. Mfg: No Preference

Product: CMU Block – Burnished

1. Mfg: No Preference

Gymnasium Buildings**Product: Bleachers (Temporary Bleachers)**

1. Mfg: No Preference

Product: Bleachers (Retractable Bleachers)

1. Mfg: Maxima Telescopic Seating
Model:
Color:
Finish:

Product: Scoreboard

1. Mfg: Fair-Play by Trans
Model: MP-70/50
Color:
Finish:

Product: Basketball Standards

1. Mfg: Performance Sports Systems (PSS)
 Model: 3207-25RA, 3107-25RA, LXP4200 & 2500, PMCE, 1194, 1100, and 1131
 Color:
 Finish:

Product: Wall Padding

1. Mfg: Promats Athletics
 Model: 4110-STD & 4196-23-00
 Color:
 Finish:

Product: Wood Flooring

1. Mfg: No Preference

Product: Drinking Fountain (wall mounted)

1. Mfg: Haws Corporation
 Model: 1025
 Color: Dark Green
 Finish:
 Finish:

Product: Doors & Hardware

1. Mfg: No Preference

Product: Interior Lights

1. Mfg: No Preference

Product: Windows

1. Mfg: No Preference

Product: Exercise Room Flooring

1. Mfg: No Preference

Product: Exercise Room Equipment

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Product: Fire Sprinklers

1. Mfg: No Preference

Product: Stage Lift

1. Mfg: No Preference

Product: Dressing Room Mirrors

1. Mfg: No Preference

Product: Dressing Room Lockers

1. Mfg: No Preference

Product: Dressing Room Bench/Seating

1. Mfg: No Preference

Product: Dressing Room Counter

1. Mfg: No Preference

Product: Stage Lighting

1. Mfg: No Preference

Product: Stage Curtain

1. Mfg: No Preference

Product: Storage Room Shelving

1. Mfg: No Preference

Product: Telephone System

1. Mfg: No Preference

Product: Public Address System - Speakers

1. Mfg: No Preference

Product: Office Furniture

1. Mfg: No Preference

Community Buildings**Product: Room Partitions**

1. Mfg: No Preference

Product: Folding/Stacking Chairs

1. Mfg: Herman Miller
Model: Air-Chair
Color: www.hermanmiller.com
Finish:
2. Mfg: Herman Miller
Model: Folding Air-Chair
Color:
Finish:
3. Mfg: Herman Miller
Model: Troy Chair
Color:
Finish:
4. Mfg: Herman Miller
Model: Branca Chair
Color:
Finish:
5. Mfg: Paragon Inc.
Model: 3508-18
Color: www.paragon-inc.com
Finish:

Product: Flooring

1. Mfg: Go Green Flooring
Model: Bamboo
Color: www.gogreenflooring.com
Finish:
2. Mfg: USFloors
Model: Cork
Color: www.usfloorsllc.com
Finish:
3. Mfg: Armstrong
Model: Linoleum
Color: www.armstrong.com
Finish:
4. Mfg: Signature Sports Flooring
Model: Recycled Rubber
Color: www.signaturesportsflooring.com
Finish:
5. Mfg: FSC Certified
Model: Reclaimed/ Recycled Hardwoods
Color: <http://us.fsc.org>
Finish:

Product: Classroom Tables

1. Mfg: Paragon Inc.
Model: NEST-IT
Color:
Finish: Low Emitting Products
2. Mfg: Paragon Inc.
Model: TLEG-IT
Color:
Finish: Low Emitting Products
3. Mfg: Midwest
Model: Cantilever TL Leg Training Table
Color:
Finish:
4. Mfg: Smith System
Model: Planner Activity Table
Color:
Finish:
5. Mfg: Virco
Model: 4000 Series Activity Tables
Color:
Finish:

Product: Blackboard/Whiteboard

1. Mfg: Balt
Model: 2H2NA Markerboard
Color: www.moorecoinc.com
Finish:
2. Mfg: VividBoard
Model: Custom Whiteboards
Color: www.vividboard.com
Finish:

Product: Bulletin Boards/Pin Boards

1. Mfg: Balt
Model: E300PB Cork Board
Color: www.moorecoinc.com
Finish:
2. Mfg: Jayhawk Plastics
Model: Message Boards
Color:
Finish:

Product: Audio Visual Equipment - Screens

1. Mfg: Draper Audio Visual Products
 Model: Ecomatt
 Color: www.draperinc.com
 Finish:
2. Mfg: Da-Lite
 Model: Multiple products
 Color: www.da-lite.com
 Finish:

Product: Audio Visual Equipment -**Electronic Equipment**

1. Mfg: EPEAT- registered electronics
 Model: Electronic Product
 Environmental Assessment Tool
 Color: www.epeat.net
 Finish:
2. Mfg: EPA Product Stewardship
 Model:
 Color: www.epa.gov
 Finish:

Product: Staff Offices - Office Equipment

1. Mfg: Thegreenoffice
 Model:
 Color: www.thegreenoffice.com
 Finish:
2. Mfg: US Small Business Administration
 Model: Energy Efficiency
 Color: www.sba.gov
 Finish:
3. Mfg: Herman Miller
 Model: various
 Color:
 Finish:
4. Mfg: National Office Furniture
 Model:
 Color: www.nationalofficefurniture.com
 Finish:

Product: Staff Offices - Desks

1. Mfg:
 Model: Formaldehyde-free units made
 of solid wood responsibly
 harvested from managed
 forests
 Color:
 Finish: Low-VOC

Product: Staff Offices - Cabinets

1. Mfg:
 Model: Formaldehyde-free units made
 of solid wood responsibly
 harvested from managed
 forests
 Color:
 Finish: Low-VOC

Product: Staff Offices - Storage

1. Mfg: Sanduskey Lee Corporation
 Model: Greenguard Certified
 Color: www.sanduskycabinets.com
 Finish:
2. Mfg: Steel Solutions USA
 Model: Greenguard Certified
 Color: www.steelsolutionsusa.com
 Finish:

Product: Staff Offices - Flooring

1. Mfg: Go Green Flooring
 Model: Bamboo
 Color: www.gogreenflooring.com
 Finish:
2. Mfg: USFloors
 Model: Cork
 Color: www.usfloorsllc.com
 Finish:
3. Mfg: Armstrong
 Model: Linoleum
 Color: www.armstrong.com
 Finish:
4. Mfg: Signature Sports Flooring
 Model: Recycled Rubber
 Color: www.signaturesportsflooring.com
 Finish:
5. Mfg: FSC Certified
 Model: Reclaimed/ Recycled Hardwoods
 Color: <http://us.fsc.org>
 Finish: Go Green Flooring

Product: Staff Offices - IT Services

1. Mfg: No Preference

Product: Staff Offices - Telephone Conference**Equipment - Speakers**

1. Mfg: Green Electronics Council
Model:
Color: www.greenelectronicscouncil.org
Finish:
2. Mfg: Electronic Product Environmental Assessment Tool
Model:
Color: www.epeat.net
Finish:

Product: Reception Chairs

1. Mfg: Herman Miller
Model: Various
Color:
Finish:
2. Mfg: Chromcraft, Inc.
Model: Greenguard certified
Color: www.chromcraftcontract.com
Finish:

Product: Janitor Room Shelving

1. Mfg: All-Green Janitorial Products
Model: various
Color: www.All-greenjanitorialproducts.com
Finish:
2. Mfg: Green Seal Certified Products
Model: various
Color: www.greenseal.org
Finish:
3. Mfg: Sustainable Supply
Model: various
Color: www.sustainablesupply.com
Finish:
4. Mfg: Green Clean Institute
Model:
Color: www.greencleaninstitute.com
Finish:

Product: Janitor Mop Sink

1. Mfg: Turbo Air
Model: High Quality 304 Stainless Steel
TSA-1-N
Color: Stainless
Finish:

Product: Kitchen Appliances

1. Mfg: www.energystar.gov
Model: Energy Star appliances
Color:
Finish:

Product: Counters

1. Mfg: EnviroGLAS
Model: EnviroGLAS Terrazzo
Color:
Finish:
2. Mfg: Paperstone
Model: Certified
Color: www.paperstoneproducts.com
Finish:
3. Mfg: Renewed Materials, LLC.
Model: Alkemi
Color: www.alkemi.com
Finish:
4. Mfg: Ecoverings
Model: Bio-Glass
Color: www.coveringsetc.com
Finish:
5. Mfg: IceStone
Model: Recycled Glass Surfaces
Color: www.icestoneusa.com
Finish:

Product: Cabinets/Hardware

1. Mfg: Dwyer Products
Model: Greenguard Certified
Color: www.dwyerproducts.com
Finish:
2. Mfg: Executive Cabinetry, LLC.
Model:
Color:
Finish:

Product: Fire Suppression

1. Mfg: NFPA 750 Water-Mist System
Model:
Color:
Finish:
2. Mfg: NFPA 2001 Clean-Agent Systems
Model:
Color:
Finish:
3. Mfg: NFPA 72 Fire Detection and Alarm Systems
Model:
Color:
Finish:
4. Mfg: Western States Fire Protection Co.
Model: LEED Certified
Color: www.wsfpc.com
Finish:

Product: Sinks

1. Mfg: Eleek
Model: Recycled Materials
Color: www.eleeking.com
Finish:
2. Mfg:
Model: Recycled Aluminum
Color:
Finish:
3. Mfg:
Model: Stainless Steel
Color:
Finish:

Product: HVAC System

1. Mfg: ASHRAE Manual J and D
Model:
Color:
Finish:
2. Mfg: Energy Star
Model: SEER 14 or higher
Color:
Finish:
3. Mfg: Trane
Model: EarthWise systems
Color: www.trane.com
Finish:

Sports Field Concession Stand**Product: Kitchen Appliances**

1. Mfg: Stero – Dishwasher
Model: ST24 SERIES
Color:
Finish:
2. Mfg: ACP – Microwave
Model: High performance Commercial
Color:
Finish:
3. Mfg: True - Refrigerator
Model: T-35 Series
Color:
Finish:
4. Mfg: Vulcan – Overn
Model: Endurance Wolf Challenger
ITW Food Equipment Group
Color:
Finish:

Product: Counters

1. Mfg: No Preference

Product: Cabinets/Hardware

1. Mfg: No Preference

Product: Fire Suppression System

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: Service Windows

1. Mfg: No Preference

Maintenance Buildings/Yards**Product: Gates**

1. Mfg: No Preference

Product: Cargo Containers

1. Mfg: Aztec Containers
 Model: www.azteccontainers.com
 Color:
 Finish:

Product: Storage Containers

1. Mfg: No Preference

Product: Restroom Equipment and Fixtures

1. Mfg: Bobrick
 Model: Bobrick Green
 Color: www.bobrick.com
 Finish:

Product: Building Interior Equipment

1. Mfg: No Preference

Pool Buildings**Product: Exterior Lighting**

1. Mfg: Philips - Gardco
 Model: Gullwing G18 & G13 Area Luminaires
 Color:
 Finish:
2. Mfg: Lithonia Lighting
 Model: VR1BH
 Color:
 Finish:
3. Mfg: Philips - Gardco
 Model: Designer Flood DF12-12" Diameter
 Color:
 Finish:
4. Mfg: Philips - Gardco
 Model: 100 Line – 107 Gullwing Sconce
 Color:
 Finish:

Product: Interior Lighting

1. Mfg: Kenall
 Model: NOVA II N1048 Series 7200
 Color:
 Finish:

Product: Doors and Hardware

1. Mfg: No Preference

Product: Sinks

1. Mfg: Zurn
 Model: AquaSense Sensor Faucets
 Color: www.zurn.com
 Finish:

Product: Toilets

1. Mfg: No Preference

Product: Urinals (standard and waterless)

1. Mfg: Zurn
 Model: AquaSense AV Model
 Color: www.zurn.com
 Finish:

Product: Hand Dryers

1. Mfg: No Preference

Product: Drinking fountains (wall mounted)

1. Mfg: No Preference

Product: Soap Dispenser

1. Mfg: Bobrick
 Model:
 Color:
 Finish:

Product: ADA Grab Bars

1. Mfg: Bobrick
 Model:
 Color:
 Finish:

Product: Floor Drain

1. Mfg: No Preference

Product: CMU Block - Colored Split Face

1. Mfg: No Preference

Product: CMU Block - Burnished

1. Mfg: No Preference

Product: Mirrors

1. Mfg: Bobrick
 Model:
 Color:
 Finish:

Product: Toilet Seat Cover Dispensers

1. Mfg: Bobrick
 Model:
 Color:
 Finish:

Product: Toilet Paper Dispensers

1. Mfg: Bobrick
 Model:
 Color:
 Finish:

Product: Dressing Room Benches

1. Mfg: No Preference

Product: Shower Fixtures

1. Mfg: Zurn
 Model:
 Color:
 Finish:

Product: Flooring

1. Mfg: No Preference

Product: Mechanical Equipment

1. Mfg: No Preference

Product: Signage

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Product: Water Heaters

1. Mfg: No Preference

3.1.3.3 PARKING LOTS**Product: Barrier Gates**

1. Mfg: No Preference

Product: Paint Striping

1. Mfg: No Preference

Product: ADA Truncated Domes

1. Mfg: No Preference

Product: Bollards

1. Mfg: No Preference

Product: Wheel Stops

1. Mfg: No Preference

Product: Spike Strips

1. Mfg: No Preference

Product: Trash Enclosure (CMU/Split face block)

1. Mfg: No Preference

Product: Trash Enclosure Roof Material

1. Mfg: No Preference

3.1.3.4 CIRCULATION**Pedestrian****Product: Decomposed Granite**

1. Mfg: No Preference

Product: Decomposed Granite Stabilized

1. Mfg: No Preference

Product: Permeable Pavers

1. Mfg: No Preference

Product: ADA Truncated Domes

1. Mfg: No Preference

Vehicular**Product: Emergency Vehicle Lane Access Barrier**

1. Mfg: No Preference

Product: Speed Humps

1. Mfg: No Preference

Bicycle

See Park Furnishings

3.1.3.5 RECREATIONAL FACILITIES**Ball Fields****Product: Brick Dust**

1. Mfg: No Preference

Product: Softball Backstop

1. Mfg: Tomark Sports
Model: K13606
Color:
Finish: www.tomark.com

Product: Baseball Backstop

1. Mfg: Tomark Sports
Model: K13606
Color:
Finish: www.tomark.com

Product: Chain Link Fence

1. Mfg: No Preference

Product: Bleachers (Metal and Wood)

1. Mfg: National Recreation Systems
Model: www.bleachers.net
Color:
Finish: Aluminum or steel

Product: Bleachers (Aluminum)

1. Mfg: Tomark Sports
Model: www.tomark.com
Color:
Finish:
2. Mfg: National Recreation Systems
Model: www.bleachers.net
Color:
Finish:

Product: Shade Covers for Dugouts

1. Mfg: USA Shade
Model: County Vendor
Color:
Finish:

Product: Shade Covers for Bleachers

1. Mfg: USA Shade
Model: County Vendor
Color:
Finish:

Product: Bat Racks

1. Mfg: Tomark Sports
Model: K10997 In-ground
Color:
Finish: www.tomark.com
2. Mfg: Tomark Sports
Model: K10998 Surface-mount
Color:
Finish: www.tomark.com

Product: Player Benches

1. Mfg: National Recreation Systems
Model: PB
Color:
Finish: www.bleachers.net

Product: Bases

1. Mfg: Tomark Sports
Model: K10244
Color:
Finish: www.tomark.com

Product: Batting Cages

1. Mfg: Tomark Sports
Model: K10996
Color:
Finish: www.tomark.com

Product: Scoreboard

1. Mfg: Daktronics
Model: BA-2029
Color:
Finish: www.daktronics.com

Product: Foul Ball Poles

1. Mfg: Tomark Sports
Model: PRO30-13
Color:
Finish: www.tomark.com

Product: Outfield fencing with Cap Padding

1. Mfg: Tomark Sports
Model: K14065
Color: TBD
Finish: www.tomark.com

Product: Pole Padding

1. Mfg: Tomark Sports
Model: K14065
Color: TBD
Finish: www.tomark.com
2. Mfg: Beacon Athletics
Model:
Color:
Finish: www.beaconathletics.com

Product: Drinking Fountains

1. Mfg: HAWWS
Model:
Color:
Finish:

Sports Fields**SOCCER AND MULTI-USE COURTS****Product: Scoreboard**

1. Mfg: Daktronics
Model: SO-2008-R/A w/ LED
Color:
Finish: www.daktronics.com

Product: Bleachers

1. Mfg: Tomark Sports
Model:
Color:
Finish: www.tomark.com
2. Mfg: National Recreation System
Model:
Color:
Finish: www.bleachers.net

Product: Player Benches

1. Mfg: National Recreation Systems
Model:
Color:
Finish: www.bleachers.net

Product: Field Lighting Pole Padding

1. Mfg: Beacon Athletics
 Model:
 Color:
 Finish: www.beaconathletics.com

Product: Drinking Fountains

1. Mfg: HAWWS
 Model:
 Color:
 Finish:

Sports Courts**BASKETBALL****Product: Pole and Backboard**

1. Mfg: Porter Athletic Co.
 Model: 90950-000 w/annual height adjuster
 Color:
 Finish: www.porterathletic.com

Product: Spectator Bleachers

1. Mfg: Tomark Sports
 Model:
 Color:
 Finish: www.tomark.com
2. Mfg: National Recreation Systems
 Model:
 Color:
 Finish: www.bleachers.net

Product: Player Benches

1. Mfg: National Recreation Systems
 Model:
 Color:
 Finish: www.bleachers.net
2. Mfg:
 Model:
 Color:
 Finish:

Product: Wrestling Equipment

1. Mfg: Mat Hoist-Porter Athletics
 Model: 91102-200
 Color:
 Finish: www.porterathletic.com

Product: Wrestling Mat

1. Mfg: Wrestling Mat-Resilite
 Model: Liteweight Mat
 Color:
 Finish: www.resilite.com

Product: Basketball Court Lighting

1. Mfg: Musco Lighting
 Model:
 Color:
 Finish: www.musco.com

Product: Indoor Basketball Scoreboard

1. Mfg: Daktronics
 Model: BB-2101-13
 Color:
 Finish: www.daktronics.com
- Shot Clock: Daktronics
 Model: BB-2114-13
 Color:
 Finish:

TENNIS COURTS**Product: Fence Screen**

1. Mfg: No Preference

Product: Poles and Net

1. Mfg: Tomark Sports
 Model: K42493
 Color:
 Finish: www.tomark.com

Product: Court Surfacing

1. Mfg: Malibu Pacific Tennis Courts
 Model: Plexipave Acrylic Court Surfacing System
 Color:
 Finish: County Vendor

Product: Tennis Court Lighting

1. Mfg: Musco
Model:
Color:
Finish: www.musco.com

VOLLEYBALL**Product: Steel Poles**

1. Mfg: Tomark Sports
Model: K72355
Color:
Finish: www.tomark.com

Product: Net

1. Mfg: Tomark Sports
Model: SENOH HM-50 net system
Color:
Finish: www.tomark.com

Product: Court Rope Lines

1. Mfg: Volleyball USA
Model: 2" Pro Adjustable Lines
Color: TBD
Finish: www.volleyballusa.com

Product: Spectator Benches

1. Mfg: Tomark Sports
Model:
Color:
Finish: www.tomark.com
2. Mfg: National Recreation Systems
Model:
Color:
Finish: www.bleachers.net

Product: Sand

1. Mfg: Use washed masonry sand or equal (for texture)
Model:
Color:
Finish:

Product: Volleyball Court Lighting

1. Mfg: Musco
Model:
Color:
Finish: www.musco.com

Extreme Sports**SKATE PARKS****Product: On-Grade Skate Elements**

1. Mfg: Spohn Ranch
Model:
Color:
Finish: www.spohnranch.com
2. Mfg: American Ramp Company
Model:
Color:
Finish: www.americanrampcompany.com

Product: Spectator Bleachers

1. Mfg: Tomark Sports
Model:
Color:
Finish: www.tomark.com
2. Mfg: National Recreation Systems
Model:
Color:
Finish: www.bleachers.net

Product: Benches

1. Mfg: National Recreation Systems
Model: DGS
Color:
Finish: www.bleachers.net

Product: Benches

1. Mfg: National Recreation Systems
Model: DGS
Color:
Finish: www.bleachers.net

Product: Decorative Fencing

1. Mfg: Ameristar
Model:
Color:
Finish: www.ameristarfence.com

Product: Sport Lighting

1. Mfg: Musco
Model:
Color:
Finish: www.musco.com

Active Recreation Amenities**FITNESS ZONES****Product: Exercise Equipment**

1. Mfg: Greefield Sports Parks Inc
 Model: Varies
 Color:
 Finish:

Product: Surface Material

1. Mfg: No Preference

Product: Enclosure Pit Edge

1. Mfg: No Preference

HORSESHOE PITS**Product: Horseshoe Stakes**

1. Mfg: No Preference

Children's Play Areas**Product: Play Equipment Components**

1. Mfg: Miracle Playground
 Model: Varies
 Color:
 Finish:
2. Mfg: Landscape Structures
 Model: Varies
 Color:
 Finish:
3. Mfg: GameTime
 Model: Varies
 Color:
 Finish:

Product: Climbing Boulders or Animal Sculptures

1. Mfg: Miracle Playground
 Model: Varies
 Color:
 Finish:
2. Mfg: Landscape Structure
 Model: Varies
 Color:
 Finish:

Product: Decorative Fencing

1. Mfg: No Preference

Product: Engineered Wood Fiber Surfacing

1. Mfg: Recycled Wood Products
 Model:
 Color:
 Finish:
2. Mfg: ABCO Development
 Model:
 Color:
 Finish:

Product: Rubber Tile Surfacing

1. Mfg: No Preference

Product: Poured In Place Surfacing

1. Mfg: No Preference

Product: Shade Sails

1. Mfg: USA Shade Structures
 Model:
 Color:
 Finish:

Splash Pads**Product: Spray Elements**

1. Mfg: Vortex
 Model:
 Color:
 Finish:
2. Mfg: Water Play Solutions
 Model:
 Color:
 Finish:

Product: Concrete Coloring

1. Mfg: Colorful Admixtures Inc
Model:
Color: Varies
Finish:
2. Mfg: Davis Colors
Model:
Color: Varies
Finish:

Product: Shade Sails

1. Mfg: USA Shade Structures
Model:
Color:
Finish:

Product: Seat Wall

1. Mfg: No Preference

Product: Mechanical Equipment Enclosure

1. Mfg: No Preference

Passive Recreation Areas**GROUP PICNIC AREAS****Product: Shade Shelter**

1. Mfg: Ortco, Inc.
Model:
Color:
Finish:
2. Mfg: Polygon Park Architecture
Model: Varies
Color:
Finish:

Product: Picnic Area Name or Identification**Number Signs**

1. Mfg: No Preference
Model:
Color:
Finish:

INDIVIDUAL PICNIC AREAS**Product: Shade Shelter**

1. Mfg: Polygon Park Architecture
Model:
Color:
Finish:

Park Furnishings**Product: Picnic Tables**

1. Mfg: Outdoor Creations
Model: Model #109 w/ADA Companion Seating
Color:
Finish: Concrete

Product: Benches

1. Mfg: Outdoor Creations
Model:
Color:
Finish:

Product: Drinking Fountains

1. Mfg: No Preference

Product: Bicycle Racks

1. Mfg: Innovative Playgrounds
Model:
Color:
Finish:
2. Mfg: L.A. Steel
Model:
Color:
Finish:
3. Mfg: Burke
Model:
Color:
Finish:
4. Mfg: Miracle Playgrounds
Model:
Color:
Finish:

Product: Bicycle Storage

1. Mfg: Innovative Playgrounds
Model:
Color:
Finish:
2. Mfg: L.A. Steel
Model:
Color:
Finish:
3. Mfg: Burke
Model:
Color:
Finish:
4. Mfg: Miracle Playgrounds
Model:
Color:
Finish:

Product: Trash Receptacles

1. Mfg: Innovative Playgrounds
Model:
Color:
Finish:
2. Mfg: L.A. Steel
Model:
Color:
Finish:
3. Mfg: Burke
Model:
Color:
Finish:
4. Mfg: Miracle Playgrounds
Model:
Color:
Finish:

Product: Hot Coal Receptacles

1. Mfg: Innovative Playgrounds
Model:
Color:
Finish:
2. Mfg: L.A. Steel
Model:
Color:
Finish:
3. Mfg: Burke
Model:
Color:
Finish:
4. Mfg: Miracle Playgrounds
Model:
Color:
Finish:

Product: Barbeque Grills

1. Mfg: R.J. Thomas
Model: N-20 B2/ C2-36B2
Color:
Finish:

Product: Park Signage

1. Mfg: No Preference

Product: Security Light Fixtures

1. Mfg: Kendall
Model:
Color:
Finish:
2. Mfg: Herculux
Model:
Color:
Finish:

Product: Seat Wall Anti-Skateboard Guards

1. Mfg: Skate Stoppers
Model: Varies
Color:
Finish:

Product: Ball Field Equipment Storage Containers

1. Mfg: No Preference
 Model:
 Color:
 Finish:

Product: Ball Field Maintenance Equipment Containers

1. Mfg: Aztec Containers
 Model: Varies
 Color:
 Finish:

Product: Park Signage

1. Mfg: No Preference

Product: Park Identification Signs

1. Mfg: No Preference

Product: Park Direction Signs

1. Mfg: No Preference

Product: Fencing

1. Mfg: No Preference

Product: Chain Link Fencing

1. Mfg: No Preference

Product: Steel Picket Fencing

1. Mfg: No Preference

Product: Dog Park Furnishing (Drinking Station)

1. Mfg: No Preference

Product: Dog Park Furnishings (Waste Bag Station)

1. Mfg: No Preference

Product: Dog Park Furnishings (Leash Post)

1. Mfg: No Preference

Product: Dog Park Furnishings (Play Equipment)

1. Mfg: No Preference

Swimming Pools**Product: Pool Ladders**

1. Mfg: Recessed Steps - Spectrum
 Model: 23450 Stainless Steel
 Color:
 Finish:
 2. Mfg: Pool Ladders are built into the wall as Recessed Steps
 Model: Recessed Steps - KDI Paragon
 Color: 32102 Stainless Steel
 Finish:

Product: Pool Handrails

1. Mfg: Spectrum
 Model: Varies
 Color:
 Finish:
 2. Mfg: KDI Paragon
 Model: Varies
 Color:
 Finish:
 Finish:

Product: Diving Boards

1. Mfg: Duraform One-Meter Diving Stand
 Model: #66-231-326
 Color:
 Finish:

Product: ADA Chair Lifts

1. Mfg: Spectrum Swin-Lift Series
 Model: Traveler, II XRC500
 Color:
 Finish:

Product: Emergency Trauma Kits

1. Mfg: No Preference

Product: Swim Lane Cords

1. Mfg: Anti-Wave
 Model: Fourerunner
 Color:
 Finish:

Product: Pool Deck Lighting

1. Mfg: Philips Gardco
Model: G18 Area Luminaires
Color:
Finish:
2. Mfg: Philips Gardco
Model: Designer Flood
DF12-12" Diameter

Color:
Finish:
3. Mfg: Philips Gardco
Model: G13 Area Luminaires
Color:
Finish:

Product: Pool Lighting

1. Mfg: Pentair Intellibrite White LED
Commercial Underwater Pool
light

Model:
Color:
Finish:
2. Mfg: J & J Electronics
Model: Varies
Color:
Finish:

Product: Electronic Scoreboard

1. Mfg: Inground Colorado
Model: Full Color Indoor LED Matrix
Color:
Finish:
2. Mfg: Portable Colorado
Model: LED Scoreboard
Color:
Finish:

Product: Markers

1. Mfg: No Preference

Product: Buoys

1. Mfg: Spectrum
Model: #72310, #72360, #72370
Color:
Finish:

Product: Regulatory Signage

1. Mfg: No Preference

Product: Information Signage

1. Mfg: No Preference

Product: Directional Signage

1. Mfg: No Preference

Product: Pool Cover

1. Mfg: T-Star Enterprise, Inc
Model: Varies
Color:
Finish:
2. Mfg: Spectrum Pool Products
Model: Varies
Color:
Finish:

3.1.3.6 LANDSCAPING**Planted Areas****Product: Organic Mulch**

1. Mfg: Aquinaga
 Model: Fir Bark Mulch particle range of
 $\frac{3}{4}$ " to 1-1/2" in diameter
 (Shredded bark is not
 acceptable)
 Color:
 Finish:

Product: Metal Trellis

1. Mfg: No Preference

Product: Root Barriers

1. Mfg: Deep Root Corporation
 Model: Deep Root. High polypropylene
 root control planter.
 Color:
 Finish:

Product: Tree Stakes

1. Mfg: No Preference

Product: Tree Guards

1. Mfg: No Preference

IRRIGATION**Product: Low Volume Irrigation Equipment**

1. Mfg: No Preference

Product: Flow Sensor

1. Mfg: Rainbird
 Model:
 Color:
 Finish:

Product: Flow Sensor

1. Mfg: Rainbird
 Model:
 Color:
 Finish:

Product: Master Valve

1. Mfg: Griswald
 Model:
 Color:
 Finish:

Product: Backflow Prevention Device

1. Mfg: Febco
 Model: 825YRP
 Color:
 Finish:

Product: Backflow Device Lockable Enclosure

1. Mfg: Hotbox Stainless Steel
 Model:
 Color:
 Finish:

Product: Pressure Regulator

1. Mfg: Watts
 Model:
 Color:
 Finish:
 2. Mfg: Wilkens
 Model:
 Color:
 Finish:

Product: Variable-Frequency Drive Pumps & Motors

1. Mfg: Rainbird
 Model:
 Color:
 Finish:

Product: Manual Control Valves (gate or globe)

1. Mfg: Muller for larger than 2"
 Model:
 Color:
 Finish:
 2. Mfg: Nibco Ball Valve
 Model: Brass
 Color:
 Finish:

Product: Remote Control Valves

1. Mfg: Griswald
Model: 2000 Series
Color:
Finish:

Product: Check Valves (anti-drain valves)

1. Mfg: No Preference

Product: Quick Couplers

1. Mfg: Rainbird
Model: #44
Color:
Finish:
2. Mfg: Rainbird
Model: #33D
Color:
Finish:

Product: Valve Boxes (traffic & non-traffic)

1. Mfg: No Preference

**Product: Valve Box Covers (reclaimed water
Control valves)**

1. Mfg: No Preference

Product: Weather Based Irrigation Controller

1. Mfg: Weather Track
Model:
Color:
Finish:

Product: Sensors (rain, wind, etc.)

1. Mfg: Rainbird
Model: Smart controllers
Color:
Finish:

Product: Spray Heads (Rotor)

1. Mfg: Rainbird
Model:
Color:
Finish:

Product: Spray Heads (Fixed)

1. Mfg: Rainbird
Model:
Color:
Finish:

Product: Spray Heads (Stream Spray)

1. Mfg: Rainbird
Model: 8',10',12', 15' diameter sprays
Color:
Finish:

Product: Bubblers

1. Mfg: Rainbird
Model: Adjustable
Color:
Finish:

3.1.3.7 STORM WATER MANAGEMENT**Grading and Drainage****Product: Sediment Traps (gabion cages)**

1. Mfg: No Preference

Product: Play Area Sump

1. Mfg: No Preference

Product: Drop Inlets (catch basin)**Traffic and Non-Traffic Covers**

1. Mfg: No Preference

Product: Atrium Drains

1. Mfg: No Preference

LID Site Design Strategies**PARKING LOT DRAINAGE****Product: Catch Basin with Filter**

1. Mfg: No Preference

3.1.3.8 UTILITIES**New Electrical and Lighting Utility Design****Product: Electrical Panels**

1. Mfg: No Preference

Product: Exterior Receptacles

1. Mfg: No Preference

Product: In-ground Concrete Junction Box

1. Mfg: No Preference

Product: Interior Restroom Movement Sensors

1. Mfg: No Preference

Product: Solar Lighting (Bollards)

1. Mfg: No Preference

Product: Solar Lighting (Security)

1. Mfg: No Preference

Product: Solar Lighting (Parking)

1. Mfg: No Preference

Product: Solar Lighting (Recreation)

1. Mfg: No Preference

Security Lighting**Product: Parking Lot Standards**

1. Mfg: No Preference

Product: Walkway Light Standards

1. Mfg: No Preference

Product: Building Wall Units

1. Mfg: No Preference

Recreational Field Lighting**Product: Ball Field Lighting**

1. Mfg: No Preference

Product: Soccer Field Lighting

1. Mfg: No Preference

HVAC

Product: HVAC System

1. Mfg: No Preference

Telecommunication Systems

Product: System Equipment

1. Mfg: No Preference

Smoke/Fire Detection Systems

Product: Fire Alarm System

1. Mfg: No Preference

Product: Smoke Detection System

1. Mfg: No Preference

Product: Water Flow Alarms

1. Mfg: No Preference

3.1.4 Regional Facilities Agency

3.1.4.1 SPATIAL ORGANIZATION

Security and Safety

Product: Security Cameras (monitoring system)

1. Mfg: No Preference

Product: Window Guards

1. Mfg: No Preference

Product: Knox Box

1. Mfg: No Preference

3.1.4.2 BUILDINGS

Restroom Buildings

Product: Exterior Lighting

1. Mfg: No Preference

Product: Doors and Hardware

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: Toilets

1. Mfg: No Preference

Product: Urinals (standard and waterless)

1. Mfg: No Preference

Product: Hand Dryers

1. Mfg: No Preference

Product: Drinking Fountains (wall mounted)

1. Mfg: No Preference

Product: Mirrors

1. Mfg: No Preference

Product: Soap Dispenser

1. Mfg: No Preference

Product: Toilet Seat Cover Dispensers

1. Mfg: No Preference

Product: Toilet Paper Dispensers

1. Mfg: No Preference

Product: ADA Grab Bars

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: CMU Block – Colored Split Face

1. Mfg: No Preference

Product: CMU Block – Burnished

1. Mfg: No Preference

Gymnasium Buildings**Product: Bleachers (Temporary Bleachers)**

1. Mfg: No Preference

Product: Bleachers (Retractable Bleachers)

1. Mfg: No Preference

Product: Scoreboard

1. Mfg: No Preference

Product: Basketball Standards

1. Mfg: No Preference

Product: Wall Padding

1. Mfg: No Preference

Product: Wood Flooring

1. Mfg: No Preference

Product: Drinking Fountain (wall mounted)

1. Mfg: No Preference

Product: Doors & Hardware

1. Mfg: No Preference

Product: Interior Lights

1. Mfg: No Preference

Product: Windows

1. Mfg: No Preference

Product: Exercise Room Flooring

1. Mfg: No Preference

Product: Exercise Room Equipment

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Product: Fire Sprinklers

1. Mfg: No Preference

Product: Stage Lift

1. Mfg: No Preference

Product: Dressing Room Mirrors

1. Mfg: No Preference

Product: Dressing Room Lockers

1. Mfg: No Preference

Product: Dressing Room Bench/Seating

1. Mfg: No Preference

Product: Dressing Room Counter

1. Mfg: No Preference

Product: Stage Lighting

1. Mfg: No Preference

Product: Stage Curtain

1. Mfg: No Preference

Product: Storage Room Shelving

1. Mfg: No Preference

Product: Telephone System

1. Mfg: No Preference

Product: Public Address System - Speakers

1. Mfg: No Preference

Product: Office Furniture

1. Mfg: No Preference

Community Buildings**Product: Room Partitions**

1. Mfg: No Preference

Product: Folding/Stacking Chairs

1. Mfg: No Preference

Product: Flooring

1. Mfg: No Preference

Product: Classroom Tables

1. Mfg: No Preference

Product: Blackboard/Whiteboard

1. Mfg: No Preference

Product: Bulletin Boards/Pin Boards

1. Mfg: No Preference

Product: Audio Visual Equipment - Screens

1. Mfg: No Preference

Product: Audio Visual Equipment -**Electronic Equipment**

1. Mfg: No Preference

Product: Staff Offices - Office Equipment

1. Mfg: No Preference

Product: Staff Offices - Desks

1. Mfg: No Preference

Product: Staff Offices - Cabinets

1. Mfg: No Preference

Product: Staff Offices - Storage

1. Mfg: No Preference

Product: Staff Offices - Flooring

1. Mfg: No Preference

Product: Staff Offices - IT Services

1. Mfg: No Preference

Product: Staff Offices - Telephone Conference**Equipment - Speakers**

1. Mfg: No Preference

Product: Reception Chairs

1. Mfg: No Preference

Product: Janitor Room Shelving

1. Mfg: No Preference

Product: Janitor Mop Sink

1. Mfg: No Preference

Product: Kitchen Appliances

1. Mfg: No Preference

Product: Counters

1. Mfg: No Preference

Product: Cabinets/Hardware

1. Mfg: No Preference

Product: Fire Suppression

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Sports Field Concession Stand**Product: Kitchen Appliances**

1. Mfg: No Preference

Product: Counters

1. Mfg: No Preference

Product: Cabinets/Hardware

1. Mfg: No Preference

Product: Fire Suppression System

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: Service Windows

1. Mfg: No Preference

Maintenance Buildings/Yards**Product: Gates**

1. Mfg: No Preference

Product: Cargo Containers

1. Mfg: No Preference

Product: Storage Containers

1. Mfg: No Preference

Product: Restroom Equipment and Fixtures

1. Mfg: No Preference

Product: Building Interior Equipment

1. Mfg: No Preference

Pool Buildings**Product: Exterior Lighting**

1. Mfg: No Preference

Product: Interior Lighting

1. Mfg: No Preference

Product: Doors and Hardware

1. Mfg: No Preference

Product: Sinks

1. Mfg: No Preference

Product: Toilets

1. Mfg: No Preference

Product: Urinals (standard and waterless)

1. Mfg: No Preference

Product: Hand Dryers

1. Mfg: No Preference

Product: Drinking fountains (wall mounted)

1. Mfg: No Preference

Product: Soap Dispenser

1. Mfg: No Preference

Product: ADA Grab Bars

1. Mfg: No Preference

Product: Floor Drain

1. Mfg: No Preference

Product: CMU Block - Colored Split Face

1. Mfg: No Preference

Product: CMU Block - Burnished

1. Mfg: No Preference

Product: Mirrors

1. Mfg: No Preference

Product: Toilet Seat Cover Dispensers

1. Mfg: No Preference

Product: Toilet Paper Dispensers

1. Mfg: No Preference

Product: Dressing Room Benches

1. Mfg: No Preference

Product: Shower Fixtures

1. Mfg: No Preference

Product: Flooring

1. Mfg: No Preference

Product: Mechanical Equipment

1. Mfg: No Preference

Product: Signage

1. Mfg: No Preference

Product: HVAC System

1. Mfg: No Preference

Product: Water Heaters

1. Mfg: No Preference

3.1.4.3 PARKING LOTS**Product: Barrier Gates**

1. Mfg: No Preference

Product: Paint Striping

1. Mfg: No Preference

Product: ADA Truncated Domes

1. Mfg: No Preference

Product: Bollards

1. Mfg: No Preference

Product: Wheel Stops

1. Mfg: No Preference

Product: Spike Strips

1. Mfg: No Preference

Product: Trash Enclosure (CMU/Split face block)

1. Mfg: No Preference

Product: Trash Enclosure Roof Material

1. Mfg: No Preference

3.1.4.4 CIRCULATION**Pedestrian****Product: Decomposed Granite**

1. Mfg: Southeast Construction (Vendor)
 Model:
 Color: Varies
 Finish: SECO@southeastproducts.com
2. Mfg: P.T.I. Sand & Gravel, Inc.
 Model:
 Color: Varies
 Finish: Mellenda@ptisandandgravel.com
3. Mfg: All Valley Sand & Gravel
 Model: Varies (d.g. and gravel)
 Color:
 Finish: www.allvalleysandandgravel.com

Product: Decomposed Granite Stabilized

1. Mfg: Stabilizer Solutions
 Model: Stabilizer
 Color:
 Finish: www.stabilizersolutions.com
2. Mfg: Stabilizer Solutions
 Model: Polymer
 Color:
 Finish: www.stabilizersolutions.com
3. Mfg: Gail Materials
 Model: NexPave Organic – Lock Aggregate Paving
 Color:
 Finish: www.gailmaterials.com

Product: Permeable Pavers

1. Mfg: Stepstone, Inc.
 Model: 3P Pervious Pedestrian Pavers
 Color:
 Finish: www.stepstoneinc.com
2. Mfg: Belgard
 Model: Aqua Roc
 Color:
 Finish: www.belgard.biz

Product: ADA Truncated Domes

1. Mfg: Stepstone, Inc.
 Model: Truncated Dome Pavers
 Color:
 Finish: www.stepstoneinc.com

Vehicular**Product: Emergency Vehicle Lane Access Barrier**

1. Mfg: No Preference

Product: Speed Humps

1. Mfg: Barco Products
 Model: Rubber Speed Bumps (Recycled Rubber)
 Color:
 Finish: www.barcoproducts.com
2. Mfg: Rubberform Recycled Products, LLC
 Model: Rubberform Speed Bumps
 Color:
 Finish: www.rubberform.com

Equestrian**Product: Equestrian Arena Surfacing**

1. Mfg: Gail Materials
 Model: Tru-Ride Premium Arena Mix
 Color:
 Finish: www.gailmaterials.net

3.1.4.5 RECREATIONAL FACILITIES**Ball Fields****Product: Brick Dust**

1. Mfg: Stabilizer Solutions
 Model: "Pro Red" Infield Mix
 Color:
 Finish: www.stabilizersolutions.com

Product: Softball Backstop

1. Mfg: No Preference

Product: Baseball Backstop

1. Mfg: No Preference

Product: Chain Link Fence

1. Mfg: Allied Tube and Conduit
 Model: Stainless Steel 40 Tube
 Color:
 Finish: www.ATCfence.com

Product: Bleachers (Metal and Wood)

1. Mfg: No Preference

Product: Bleachers (Aluminum)

1. Mfg: No Preference

Product: Shade Covers for Dugouts

1. Mfg: No Preference

Product: Shade Covers for Bleachers

1. Mfg: No Preference

Product: Bat Racks

1. Mfg: No Preference

Product: Player Benches

1. Mfg: No Preference

Product: Bases

1. Mfg: No Preference

Product: Batting Cages

1. Mfg: No Preference

Product: Scoreboard

1. Mfg: No Preference

Product: Foul Ball Poles

1. Mfg: No Preference

Product: Outfield fencing with Cap Padding

1. Mfg: No Preference

Product: Pole Padding

1. Mfg: No Preference

Product: Drinking Fountains

1. Mfg: Oasis
 Model:
 Color:
 Finish: www.oaisiscoolers.com

Sports Fields**SOCCER AND MULTI-USE COURTS****Product: Scoreboard**

1. Mfg: No Preference
 Finish:

Product: Bleachers

1. Mfg: No Preference

Product: Player Benches

1. Mfg: No Preference

Product: Field Lighting Pole Padding

1. Mfg: No Preference

Product: Drinking Fountains

1. Mfg: No Preference

Sports Courts**BASKETBALL****Product: Pole and Backboard**

1. Mfg: No Preference

Product: Spectator Bleachers

1. Mfg: No Preference

Product: Player Benches

1. Mfg: No Preference

Product: Basketball Court Lighting

1. Mfg: No Preference

Product: Indoor Basketball Scoreboard

1. Mfg: No Preference

TENNIS COURTS**Product: Fence Screen**

1. Mfg: No Preference

Product: Poles and Net

1. Mfg: No Preference

Product: Court Surfacing

1. Mfg: No Preference

Product: Tennis Court Lighting

1. Mfg: No Preference

VOLLEYBALL**Product: Steel Poles**

1. Mfg: No Preference

Product: Net

1. Mfg: No Preference

Product: Court Rope Lines

1. Mfg: No Preference

Product: Spectator Benches

1. Mfg: No Preference

Product: Sand

1. Mfg: No Preference

Product: Volleyball Court Lighting

1. Mfg: No Preference

Extreme Sports**SKATE PARKS****Product: On-Grade Skate Elements**

1. Mfg: No Preference

Product: Spectator Bleachers1. Mfg: No Preference
Finish:**Product: Benches**

1. Mfg: No Preference

Product: Benches

1. Mfg: No Preference

Product: Decorative Fencing

1. Mfg: No Preference

Product: Sport Lighting

1. Mfg: No Preference

Active Recreation Amenities**FITNESS ZONES****Product: Exercise Equipment**1. Mfg: SportsArt Fitness Equipment
Model:
Color:
Finish: www.sportsartamerica.com**Product: Surface Material**1. Mfg: USSA
Model: Poured Rubber Surfacing
Color:
Finish: www.sustainablesurfacing.com
2. Mfg: Nike
Model: Nike Grind
Color:
Finish: www.nikereuseashoe.com**Product: Enclosure Pit Edge**

1. Mfg: No Preference

HORSESHOE PITS**Product: Horseshoe Stakes**

1. Mfg: No Preference

Children's Play Areas**Product: Play Equipment Components**

1. Mfg: Detailed Play Systems
Model: Various Playground Equipment Components
Color:
Finish: www.detailedplay.com
2. Mfg: Landscape Structures
Model: Varies
Color:
Finish: www.playlsi.com
3. Mfg: Kompan
Model: Varies
Color:
Finish: www.kompan.us
4. Mfg: Miracle Recreation Equipment Co.
Model: Varies
Color:
Finish: www.miracle-recreation.com

Product: Climbing Boulders or Animal Sculptures

1. Mfg: Miracle Recreation Equipment Co.
Model: Various Climbing Walls
Color:
Finish: www.miracle-recreation.com
2. Mfg: Kompan
Model: Climbing Equipment and Spacenets
Color:
Finish: www.kompan.us

Product: Decorative Fencing

1. Mfg: Shanghai Seven Trust Industry Co. Ltd
Model: Plastic Wood
Color:
Finish:

Product: Engineered Wood Fiber Surfacing

1. Mfg: Fibar Playground Surfaces
Model: Fiber Systems
Color:
Finish: www.fibar.com
2. Mfg: Zeager
Model: Playground and Trail Surfaces
Color:
Finish: www.zeager.com

Product: Rubber Tile Surfacing

1. Mfg: Surface America
Model: PlayBound Tile
Color:
Finish: www.surfaceamerica.com
2. Mfg: EMC Environmental Molding Concepts
Model:
Color:
Finish: www.emcmolding.com
3. Mfg: Rubber-Cal Inc.
Model: 2.5" Eco-Safety Tiles
Color:
Finish: www.rubbercal.com

Product: Poured In Place Surfacing

1. Mfg: Surface America
Model: Playbound Poured-in-Place
Color:
Finish: www.surfaceamerica.com
2. Mfg: No Fault Company
Model: Bonded Rubber Surfacing
Color:
Finish: www.nofault.com

Product: Shade Sails

1. Mfg: ShadeSails.com
Model:
Color:
Finish: www.shadesails.com
2. Mfg: SoCal Shade Sails
Model:
Color:
Finish: www.sunshade-shadesails.com
3. Mfg: USA SHADE
Model:
Color:
Finish: www.usa-shade.com

Splash Pads**Product: Spray Elements**

1. Mfg: Vortex Aquatic Structures International Inc.
Model: Spraypoint Smartflow
Color:
Finish: www.vortex-intl.com

Product: Concrete Coloring

1. Mfg: Eco Safety Products
Model: SoyCrete Stain
Color:
Finish: www.ecosafetyproducts.com
2. Mfg: Northwest Concrete Enterprises
Model: Sustainable Stain
Color:
Finish: www.northwestconcrete.com
3. Mfg: USA SHADE
Model:
Color:
Finish: www.usa-shade.com

Product: Shade Sails

1. Mfg: USA SHADE
Model:
Color:
Finish: www.usa-shade.com

Product: Seat Wall

1. Mfg: No Preference

Product: Mechanical Equipment Enclosure

1. Mfg: No Preference

Passive Recreation Areas**GROUP PICNIC AREAS****Product: Shade Shelter**

1. Mfg: Polygon
Model:
Color:
Finish: www.polygon.com

Product: Picnic Area Name or Identification**Number Signs**

1. Mfg: No Preference

INDIVIDUAL PICNIC AREAS**Product: Shade Shelter**

1. Mfg: Polygon
Model:
Color:
Finish: www.polygon.com

Park Furnishings**Product: Picnic Tables**

1. Mfg: BuyRecycledProducts.com
Model:
Color:
Finish: www.buyrecycledproducts.com
2. Mfg: Recycled Plastic Factory
Model: A-Frame Picnic Table
Color:
Finish: www.recycledplasticfactory.com
3. Mfg: Max-R.net
Model: Various
Color:
Finish: www.max-r.net
4. Mfg: GreenPark Store
Model: FSC Certified Wood
Color:
Finish: www.greenparkstore.com

Product: Benches

1. Mfg: Eco Green Site Solutions
Model: Recycled Steel Bench
Color:
Finish: www.ecogreensitesolutions.com
2. Mfg: Eco Green Site Solutions
Model: Recycled Plastic Park Bench
Color:
Finish: www.ecogreensitesolutions.com
3. Mfg: Recycled Plastic Factory
Model: Recycled Plastic and Aluminum Bench
Color:
Finish: www.recycledplasticfactory.com

Product: Drinking Fountains

1. Mfg: Hawes Corporation
Model:
Color:
Finish: www.hawesco.com

Product: Bicycle Racks

1. Mfg: Recycled Plastic Factory
 Model: 4', 8', 10' Bicycle Racks
 Color:
 Finish: www.recycledplasticfactory.com
2. Mfg: Reliance Foundry Company Ltd.
 Model: Various Models
 Color:
 Finish: www.reliance-foundry.com

Product: Bicycle Storage

1. Mfg: No Preference

Product: Trash Receptacles

1. Mfg: Max-R Sustainable Outdoor Furnishings
 Model:
 Color:
 Finish: www.max-r.net

Product: Hot Coal Receptacles

1. Mfg: Universal Precast
 Model: Various
 Color: Tan
 Finish: www.universalprecast.com

Product: Barbeque Grills

1. Mfg: Universal Precast
 Model: www.universalprecast.com
 Color: Tan
 Finish: Concrete
2. Mfg: Jamestown Advanced
 Model: Various
 Color: Black
 Finish: www.jamestownadvanced.com

Product: Park Signage

1. Mfg: Fossil Industries
 Model:
 Color:
 Finish: www.fossilgraphics.com

Product: Security Light Fixtures

1. Mfg: MaxLite
 Model: maxLED Fixtures
 Color:
 Finish: www.maxlite.com
2. Mfg: Lithonia Lighting
 Model: Multiple Models
 Color:
 Finish: www.lithonia.com
3. Mfg: Eco Lumens
 Model: Varies
 Color:
 Finish: www.ecolumens.net

Product: Seat Wall Anti-Skateboard Guards

1. Mfg: No Preference

Product: Ball Field Equipment Storage Containers

1. Mfg: No Preference

Product: Ball Field Maintenance Equipment Containers

1. Mfg: No Preference

Product: Park Signage

1. Mfg: Fossil Industries
 Model:
 Color:
 Finish: www.fossilgraphics.com

Product: Park Identification Signs

1. Mfg: Impact Signs
 Model:
 Color:
 Finish: www.impactsigns.com
2. Mfg: ASI Signage Innovations
 Model: InTac Eco
 Color:
 Finish: www.asisignage.com
3. Mfg: Coastal Enterprises
 Model: Precision Board PBLT
 Color: Standard
 Finish: 15 lb. – 1.5" Board

Product: Park Direction Signs

1. Mfg: No Preference

Product: Fencing

1. Mfg: No Preference

Product: Chain Link Fencing

1. Mfg: Crown Fence
 Model: various
 Color: www.crownfence.com
 Finish: Various
2. Mfg: Pilgrim Fence
 Model: Various
 Color: www.pilgrimfence.com
 Finish: Various
3. Mfg: Wolverine Fence
 Model: Various
 Color: www.wolverinefence.com
 Finish: Various

Product: Steel Picket Fencing

1. Mfg: Himco Security
 Model:
 Color:
 Finish: www.himcofence.com

Product: Dog Park Furnishing (Drinking Station)

1. Mfg: No Preference

Product: Dog Park Furnishings (Waste Bag Station)

1. Mfg: No Preference

Product: Dog Park Furnishings (Leash Post)

1. Mfg: No Preference

Product: Dog Park Furnishings (Play Equipment)

1. Mfg: No Preference

Swimming Pools**Product: Pool Ladders**

1. Mfg: **AmeriMerc**
 Model: Inground Swimming Pool Ladder
 Color:
 Finish: www.amerimerc.com/
2. Mfg: **S.R. Smith**
 Model: Commercial Ladder
 Color:
 Finish: www.srsmith.com

Product: Pool Handrails

1. Mfg: **AmeriMerc**
 Model: Ring Handrails/ Ladder Rails
 Color:
 Finish: www.amerimerc.com/
2. Mfg: **S.R. Smith**
 Model: Various
 Color:
 Finish: www.srsmith.com

Product: Diving Boards

1. Mfg: **AmeriMerc**
 Model: S.R. Smith Commercial Diving Boards
 Color: www.srsmith.com
 Finish: www.amerimerc.com/
2. Mfg: **S.R. Smith**
 Model: Various
 Color:
 Finish: www.srsmith.com

Product: DA Chair Lifts

1. Mfg: **S.R. Smith**
 Model: PAL Lift
 Color: (Portable Aquatic Lift)
 Finish: www.srsmith.com
2. Mfg: **S.R. Smith**
 Model: Splash! Lift
 Color:
 Finish: www.srsmith.com

Product: Emergency Trauma Kits

1. Mfg: **Seton**
Model: Emergency Trauma Kit Bag
Color:
Finish: www.seton.com
2. Mfg: **MacGill**
Model: Large Trauma Kit, Complete
Color:
Finish: www.macgill.com

Product: Swim Lane Cords

1. Mfg: **Recreonics**
Model: Anti-Wave Racing Lanes
Color:
Finish: www.recreonics.com
2. Mfg: **Competitor**
Model: Gold Medal Racing Lanes
Color:
Finish: www.competitorswim.com

Product: Pool Deck Lighting

1. Mfg: **Dekor**
Model: Millennium Outdoor
Color:
Finish: www.de-kor.com
2. Mfg: **Aibaba**
Model: LED Swimming Pool Deck Light
Color:
Finish: www.aibaba.com

Product: Pool Lighting

1. Mfg: **Recreonics**
Model: Hayward Underwater Lights w/
PureWhite LED
Color: #65-135
Finish: www.recreonics.com
2. Mfg: **Hayward**
Model: Universal CrystaLogic LED
Color:
Finish: www.hayward-pool.com

Product: Electronic Scoreboard

1. Mfg: **Recreonics**
Model: Colorado Time Portable LED
Scoreboard
Color:
Finish: www.recreonics.com
2. Mfg: **Daktronics**
Model: Aquatics SW-2000 Series
Color:
Finish: www.daktronics.com
3. Mfg: **Signtronix**
Model: LED Electronic Signs
Color:
Finish: www.signtronix.com

Product: Markers

1. Mfg: **Flaghouse Sports**
Model: Various
Color:
Finish: www.flaghouse.com
2. Mfg: **Poolweb.com**
Model: Competitor; AntiWave
Color:
Finish: www.poolweb.com

Product: Buoys

1. Mfg: **Recreonics**
Model: Various Ring Buoys
Color: PFD Type IV
Finish: www.recreonics.com

Product: Regulatory Signage

1. Mfg: **Seton**
Model: Eco-Friendly Safety Signs
Color:
Finish: www.seton.com
2. Mfg: **Safetysign.com**
Model: Facility ID Signs
Color:
Finish: www.safetysign.com
3. Mfg: **EcoSignage.com**
Model: Recycled materials
Color:
Finish: <http://ecosignage.org>

Product: Information Signage

1. Mfg: **Seton**
Model: Eco-Friendly Safety Signs
Color:
Finish: www.seton.com
2. Mfg: **EcoSignage.com**
Model: Recycled materials
Color:
Finish: <http://ecosignage.org>
3. Mfg: Fossil Industries
Model: Fossil Greenguard Signs
Color:
Finish: www.fossilgraphics.com

Product: Directional Signage

1. Mfg: **Seton**
Model: Eco-Friendly Safety Signs
Color:
Finish: www.seton.com
2. Mfg: **EcoSignage.com**
Model: Recycled materials
Color:
Finish: <http://ecosignage.org>

Product: Pool Cover

1. Mfg: **Recreonics**
Model: Various
Color:
Finish: www.recreonics.com
2. Mfg: **Cover-Pools**
Model: Automatic Cover; Manual Cover
Color:
Finish: www.coverpools.com

3.1.4.6 LANDSCAPING**Planted Areas****Product: Organic Mulch**

1. Mfg: **Whittier Fertilizer**
Model: Various
Color:
Finish: <http://whittierfertilizer.com>
2. Mfg: **Agriscap, Inc.**
Model: Green Waste Recycling
Color:
Finish: www.agriscapesoils.com
3. Mfg: **CalRecycle**
Model: Compost and mulch facilities
Color:
Finish: www.calrecycle.ca.gov

Product: Metal Trellis

1. Mfg: **GreenScreen**
Model: Elements
Color: Green
Finish: www.greenscreen.com
2. Mfg: Feeney Garden
Model: Trellis Collection
Color: Stainless Steel
Finish: www.feeneyinc.com
3. Mfg: Hayn
Model: Trellis System Hardware
Color: Stainless Steel
Finish: www.hayn.com

Product: Root Barriers

1. Mfg: **DeepRoot Green Infrastructure**
Model: Linear
Color:
Finish: www.deeproot.com
2. Mfg: Fiberweb
Model: BioBarrier by Typar
Color:
Finish: www.biobarrier.com
3. Mfg: Century Products
Model: Century Root Barrier
Color: Black
Finish: www.centuryrootbarrier.com
4. Mfg: NDS Root Barrier
Model: EP, RP, Sheet, Planter
Color: Black (plastic)
Finish: www.NDSpro.com

Product: Tree Stakes

1. Mfg: **Green Sleeves**
Model: 2-stake system
Color:
Finish: www.greensleeves.com
2. Mfg: **DeepRoot Green Infrastructure**
Model: ArborTie Staking and Guying
Color:
Finish: www.deeproot.com
3. Mfg: **ArborBrace**
Model: Tree Guying Kits
Color:
Finish: www.treestaking.com
4. Mfg: **Lodge Pole Stakes**
Model:
Color:
Finish: www.butlerboxandstake.com

Product: Tree Guards

1. Mfg: **Citygreen**
Model: Traditional Tree Guards
Color:
Finish: www.citygreen.com
2. Mfg: **IronSmith**
Model: All Steel Tree Guards
Color: Varies
Finish: www.ironsmith.cc

Irrigation**Product: Low Volume Irrigation Equipment**

1. Mfg: **Hunter Industries**
Model: Eco-Mat and PLD-ESD
Color:
Finish: www.hunterindustries.com
2. Mfg: **Hunter Industries**
Model: Root Zone Watering System
Color:
Finish: www.hunterindustries.com
3. Mfg: **Rain Bird**
Model: XFS Subsurface Dripline
Color:
Finish: www.rainbird.com
4. Mfg: **Netafim USA**
Model: Netafim Tubing
Color:
Finish: www.netafimusa.com

Product: Flow Sensor

1. Mfg: **Hunter Industries**
Model: Flow-Click or Flow-Sync
Color:
Finish: www.hunterindustries.com
2. Mfg: **Rain Bird**
Model: Pulse Transmitters
Color:
Finish: www.rainbird.com

Product: Flow Sensor

1. Mfg: No Preference

Product: Master Valve

1. Mfg: **Hunter Industries**
Model: ICB or IBV
Color:
Finish: www.hunterindustries.com
2. Mfg: **Rain Bird**
Model: PGA/ PEB/ PESB Series
Color:
Finish: www.rainbird.com

Product: Backflow Prevention Device

1. Mfg: **ABPA**
Model: Trade Organization
Color:
Finish: www.abpa.org
2. Mfg: **Backflowprevention.com**
Model: Trade Organization
Color:
Finish: www.backflowprevention.com
3. Mfg: **Accurate Backflow Testing & Valve Repair**
Model: Service Company
Color:
Finish: www.accuratebackflow.net
4. Mfg: **FEBCO Backflows**
Model: Various
Color:
Finish: www.febcoonline.com
5. Mfg: **Watts Backflows**
Model: 800 Series; QT Series
Color:
Finish: www.watts.com

Product: Backflow Device Lockable Enclosure

1. Mfg: **GuardShack**
Model: Enclosures- Various
Color:
Finish: www.guardshackenclosures.com
2. Mfg: **Backflow Protection**
Model: Ultimate Tuff Cage
Color:
Finish: www.backflowprotection.com

Product: Pressure Regulator

1. Mfg: **Watts**
Model: Various
Color:
Finish: www.watts.com

Product: Variable-Frequency Drive Pumps & Motors

1. Mfg: **Armstrong**
Model: IVS Sensorless Variable Speed Pumps
Color:
Finish: www.armstrongpumps.com

Product: Manual Control Valves (gate or globe)

1. Mfg: **Watts**
Model: Gate Valves
Color:
Finish: www.watts.com
2. Mfg: **Nibco**
Model: Gate Valves
Color:
Finish: www.nibco.com

Product: Remote Control Valves

1. Mfg: **Rainbird**
Model: GB Series Electric Valves
Color:
Finish: www.rainbird.com
2. Mfg: **Rainbird**
Model: EFB-CP Series Electric Valves
Color:
Finish: www.rainbird.com

Product: Check Valves (anti-drain valves)

1. Mfg: No Preference

Product: Quick Couplers

1. Mfg: **Rainbird**
Model: Rainbird QC
Color:
Finish: www.rainbird.com

Product: Valve Boxes (traffic & non-traffic)

1. Mfg: **Rain Bird**
Model: VB Series Valve Boxes
Color:
Finish: www.rainbird.com
2. Mfg: **Highline Products**
Model: Various
Color:
Finish: www.highlineaccessboxes.com
3. Mfg: **Christy Concrete Valve Boxes**
Model: Various sizes
Color:
Finish: www.ewing1.com

Product: Valve Box Covers (reclaimed water Control valves)

1. Mfg: **Rain Bird**
Model: VB Series Valve Boxes
Color:
Finish: www.rainbird.com
2. Mfg: **Highline Products**
Model: Various
Color:
Finish: www.highlineaccessboxes.com

Product: Weather Based Irrigation Controller

1. Mfg: **Hydpoint**
Model: Hydrosafe w/ WeatherTRAK
Color:
Finish: www.hydpoint.com
2. Mfg: **www.weathertrak.com**
Model: www.hydroscape.com
Color:
Finish:

Product: Sensors (rain, wind, etc.)

1. Mfg: **Rain Bird**
 Model: RSD Series Rain Sensor
 Color:
 Finish: www.rainbird.com
2. Mfg: **Toro**
 Model: Wired Rain Sensor
 Color:
 Finish: www.toro.com
3. Mfg: **Hunter Industries**
 Model: Mini-Click Rain Sensor
 Color:
 Finish: www.hunterindustries.com

Product: Spray Heads (Rotor)

1. Mfg: Hunter Rotator
 Model: MP 2000 Series
 Color:
 Finish: www.hunterindustries.com

Product: Spray Heads (Fixed)

1. Mfg: **Rain Bird**
 Model: Rainbird 1800 Series
 Color:
 Finish: www.rainbird.com

Product: Spray Heads (Stream Spray)

1. Mfg: Hunter Rotator
 Model: PGM Series
 Color:
 Finish: www.hunterindustries.com
2. Mfg: Hunter Rotator
 Model: PGP Series
 Color:
 Finish: www.hunterindustries.com
3. Mfg: **Rain Bird**
 Model: Falcon 6504 Series Rotor
 Color:
 Finish: www.rainbird.com

Product: Bubblers

1. Mfg: **Rain Bird**
 Model: 1300 A-F Adj Bubblers
 Color:
 Finish: www.rainbird.com

3.1.4.7 STORM WATER MANAGEMENT**Grading and Drainage****Product: Sediment Traps (gabion cages)**

1. Mfg: No Preference

Product: Play Area Sump

1. Mfg: No Preference

Product: Drop Inlets (catch basin)**Traffic and Non-Traffic Covers**

1. Mfg: Alhambra Foundry
 Model: Various
 Color:
 Finish: www.alhambrafoundry.com/
2. Mfg: NDS
 Model: Various
 Color:
 Finish: www.ndspro.com

Product: Atrium Drains

1. Mfg: NDS
 Model: Atrium Grates
 Color:
 Finish: www.ndspro.com

LID Site Design Strategies**PARKING LOT DRAINAGE****Product: Catch Basin with Filter**

1. Mfg: No Preference

3.1.4.8 UTILITIES**New Electrical and Lighting Utility Design****Product: Electrical Panels**

1. Mfg: No Preference

Product: Exterior Receptacles

1. Mfg: No Preference

Product: In-ground Concrete Junction Box

1. Mfg: Associated of LA
 Model: MR STEEL Security Lid
 Color: Natural Metal
 Finish:

Product: Interior Restroom Movement Sensors

1. Mfg: **Leviton**
 Model: Occupancy Sensor
 Color:
 Finish: www.leviton.com
 2. Mfg: **Legrand**
 Model: Occupancy Sensor
 Color:
 Finish: www.legrand.us
 3. Mfg: **Cooper Controls**
 Model: Occupancy Sensor
 Color:
 Finish: www.cooperindustries.com

Product: Solar Lighting (Bollards)

1. Mfg: **SEPCO**
 Model: Various
 Color:
 Finish: www.sepco-solarlighting.com

Product: Solar Lighting (Security)

1. Mfg: **SEPCO**
 Model: Various
 Color:
 Finish: www.sepco-solarlighting.com

Product: Solar Lighting (Parking)

1. Mfg: **SEPCO**
 Model: Various
 Color:
 Finish: www.sepco-solarlighting.com
 2. Mfg: **SOL**
 Model: 2020 Solar LED Lighting
 Color:
 Finish: www.solarlighting.com

Product: Solar Lighting (Recreation)

1. Mfg: **SEPCO**
 Model: Various
 Color:
 Finish: www.sepco-solarlighting.com

Security Lighting**Product: Parking Lot Standards**

1. Mfg: **BetaLED**
 Model: The Edge LED Parking Lights
 Color:
 Finish: www.betaled.com
 2. Mfg: **SEPCO**
 Model: Various
 Color:
 Finish: www.sepco-solarlighting.com
 3. Mfg: **Precision-Paragon**
 Model: ESTE Hi-Lo Controls Area Lighting
 Color:
 Finish: www.p-2.com
 4. Mfg: **Precision-Paragon**
 Model: IST Induction Area Lighter
 Color:
 Finish: www.p-2.com

Product: Walkway Light Standards

1. Mfg: **SEPCO**
 Model: Various
 Color:
 Finish: www.sepco-solarlighting.com
 2. Mfg: **Reliance Foundry**
 Model: Solar Bollard Lamp
 Color:
 Finish: www.reliance-foundry.com

Product: Building Wall Units

1. Mfg: **SEPCO**
Model: Various
Color:
Finish: www.sepco-solarlighting.com
2. Mfg: **MaxLite**
Model: MaxLED Fixtures
Color:
Finish: www.maxlite.com
3. Mfg: **Precision-Paragon**
Model: WPC- Full cutoff wall pack
Color:
Finish: www.p-2.com

Recreational Field Lighting**Product: Ball Field Lighting**

1. Mfg: Musco
Model: Light-Structure Green
Color:
Finish: www.musco.com
2. Mfg: Qualite Sports Lighting
Model: Greenstar, Pro
Color:
Finish: www.qualite.com
3. Mfg: Lithonia
Model: Sport Field Lighting
Color:
Finish: <http://www.lithonia.com>

Product: Soccer Field Lighting

1. Mfg: Musco
Model: Light-Structure Green
Color:
Finish: www.musco.com
2. Mfg: Qualite Sports Lighting
Model: Greenstar, Pro
Color:
Finish: www.qualite.com
3. Mfg: Lithonia
Model: Sport Field Lighting
Color:
Finish: <http://www.lithonia.com>

HVAC**Product: HVAC System**

1. Mfg: Johnson Controls
Model: HVAC Control Products
Color:
Finish: <http://www.johnsoncontrols.com>

3.1.8.5 Telecommunication Systems**Product: System Equipment**

1. Mfg: No Preference

Smoke/Fire Detection Systems**Product: Fire Alarm System**

1. Mfg: Honeywell
Model: Silent Knight by Honeywell
Color:
Finish: www.silentknight.com
2. Mfg: Johnson Controls
Model: Intelligent Fire Alarm Controllers (IFC)
Color:
Finish: <http://www.johnsoncontrols.com>

Product: Smoke Detection System

1. Mfg: SystemSensor
Model: Intelligent Detection
Color: www.systemsensor.com
Finish:
2. Mfg: Honeywell
Model: Smoke Detection Systems
Color:
Finish:

Product: Water Flow Alarms

1. Mfg: SystemSensor
Model: Waterflow Detector
Color:
Finish: <http://www.systemsensor.com>

Appendices

Appendices

Plant Regions and Categories

Preferred Plant List - Potable Water

Preferred Plant List - Recycled Water

Do Not Use - Plant List

County of Los Angeles Parkland Standards and Classifications

References and Resources

Plant Regions and Categories

The following information is an excerpt from the Water Use Classification of Landscape Species (WUCOLS III) list found in the publication: A Guide to Estimating Irrigation Water Needs of Landscape Plantings in California. This information has been included to assist in understanding the Preferred Potable Water and Preferred Recycled Water Plant List to follow. The park designer is expected to reference the Guide to Estimating Irrigation Water Needs of Landscape Plantings in California document when preparing planting plans for park projects, to estimate the water requirements of the plants specified. For plant suitability to a particular climate zone the designer should reference California climate zones as described in the University of California Publication, 3328, Generalized Plant Climate Zones of California and Sunset Western Garden Book.

REGIONS

Since there are substantially different climate zones in California, species are evaluated for six (6) regions which represent different climatic conditions.

Region 1 - North-Central Coastal (California Climate Zones 14, 15, 16 and 17)

Concord	Napa	San Francisco
Cupertino	Novato	San Jose
Healdsburg	Oakland	San Luis Obispo
Livermore	Petaluma	Santa Cruz
Los Altos Hills	Salinas	Santa Rosa

Region 2 - Central Valley (California Climate Zones 8, 9 and 14)

Auburn	Los Banos	Redding	Visalia
Bakersfield	Marysville	Roseville	
Chico	Merced	Sacramento	
Colinga	Modesto	Stockton	
Fresno	Red Bluff	Tracy	

Region 3 - South Coastal (California Climate Zones 22, 23 and 24)

Anaheim	Laguna Beach	Oxnard	Santa Monica
Camarillo	La Mesa	Santa Ana	Ventura
Fallbrook	Long Beach	Santa Barbara	Vista
Fullerton	Los Angeles	San Diego	Whittier
Irvine	Mission Viejo	San Juan Capistrano	

Region 4 - South Inland Valleys and Foothills (California Climate Zones 18, 19, 20 and 21)

Altadena	El Monte	Perris	San Fernando
Azusa	Escondido	Pomona	Santa Paula
Chino	Hemet	Ramona	Sun City
Corona	Ojai	Riverside	Thousand Oaks
Covina	Pasadena	San Bernardino	Van Nuys

Region 5 - High and Intermediate Desert (California Climate Zone 11)

Apple Valley	Gorman	Mojave	Victorville
Barstow	Independence	Olancho	
Bishop	Joshua Tree	Palmdale	
Boulder City	Lancaster	Pear Blossom	
China Lake	Lone Pine	Tehachapi	

Region 6 - Low Desert (California Climate Zone 13)

Borrego Springs	Desert Hot Springs	Jacumba	Thermal
Blythe	Death Valley	Needles	
Brawley	El Centro	Palm Desert	
Coachella	Indian Wells	Palm Springs	
Desert Center	Indio	Rancho Mirage	

CATEGORIES OF WATER NEEDS

Plant species are evaluated as needing High, Moderate, Low, and Very Low amounts of irrigation water. Expressed as a percentage of reference evapotranspiration (ET_o), these categories are quantitatively defined as follows:

High (H)	=	70% - 90% ET _o
Moderate (M)	=	40% - 60% ET _o
Low (L)	=	10% - 30% ET _o
Very Low (VL)	=	<10% ET _o
-	=	Inappropriate
?	=	Unknown

Preferred Plant List - Potable Water

Botanical Name	Common Name	Regional Evaluation				Notes
		3	4	5	6	
TREES						
Acacia cognata	Bower Wattle	M	M	-	-	Drought Tolerant / Can be short lived
Acacia pendula	Weeping Acacia	M	M	-	L	Drought Tolerant / Can be short lived
Acacia stenophylla Shoe	Shoestring Acacia	L	L	-	L	Drought Tolerant / Can be short lived
Arbutus unedo	Strawberry Tree	L	L	M	M	
Calocedrus Decurrens (aka Libocedrus)	Incense Cedar	M	M	M	-	California native Drought Tolerant
Cedrus atlantica ‘glauca’**	Blue Atlas Cedar	L	M	M	M	Drought Tolerant
Cedrus deodara	Deodar Cedar	L	M	M	M	
Cercis canadensis	Eastern Redbud	M	M	-	-	Drought Tolerant
Cercis occidentalis	Western Redbud	L	L	-	-	California native / Drought Tolerant
Cinnamomum camphora	Camphor Tree	M	M	-	M	Drought Tolerant
Cornus nuttallii	Western Dogwood	-	M	-	-	California native / Drought Tolerant
Fraxinus oxycarpa ‘Raywood’	Raywood Ash	M	M	M	-	Invasive roots
Geijera parviflora	Australian Willow	L	M	M	M	Drought Tolerant
Ginko biloba	Maidenhair Tree	M	M	M	?	Male variety only
Ilex vomitoria	Yaupon	L	L	M	M	
Jacaranda mimosifolia	Jacaranda	M	M	-	M	
Lagerstroemia indica*	Crepe Myrtle	M	M	M	M	Striking bark
Laurus nobilis	Sweet Bay	L	L	M	M	Drought Tolerant / Culinary bay leaf
Leptospermum laevigatum -	Australian Tea Tree	L	L	-	-	Drought Tolerant
Ligustrum lucidum*	Glossy Privet	M	M	M	M	Reseeds
Lophostemon confertus	Brisbane Box	M	M	-	-	Drought Tolerant
Magnoila grandiflora	Evergreen Magnolia	M	M	-	H	White flower
Melaleuca linariifolia	Flax Leaf Paperbark	L	L	-	-	
Melaleuca quinquenervia	Punk Tree	M	M	-	M	Drought Tolerant
Melaleuca styphelioides	Prickly-leaved Paperbark	L	M	-	M	Drought Tolerant
Metrosideros excelsa	New Zealand Christmas Tree	M	M	-	-	Drought Tolerant
Picea breweriana	Weeping Spruce	?	?	?	?	California native
Pinus canariensis	Canary Island Pine	L	M	M	M	
Pinus halapensis	Aleppo Pine	L	L	L	L	
Pistachia chinensis	Chinese Pistache	M	M	M	M	Drought Tolerant
Pittosporum sp.	various	?	?	-	?	Drought Tolerant / Sensitive to severe frost / Water requirements vary - refer to WUCOLS III
Platanus acerifolia	London Plane Tree Sycamore	M	M	H	H	
Platanus racemosa	California sycamore	M	M	H	H	Drought Tolerant
Podocarpus gracillior	Fern Pine	M	M	?	M	Drought Tolerant
Prunus cerasifera ‘atropur-purea’	Purple Leaf Plum	M	M	M	M	
Prunus ilicifolia	Hollyleaf Cherry	VL	VL	-	-	Drought Tolerant / California native
Quercus agrifolia	Coast Live Oak	L	L	-	M	Drought Tolerant / California Native

Botanical Name	Common Name	Regional Evaluation				Notes
		3	4	5	6	
<i>Quercus ilex</i>	Holly Oak	L	L	M	M	Drought Tolerant
<i>Quercus tomentella</i>	Island Oak	L	-	-	-	Drought Tolerant / California Native
<i>Quercus suber</i>	Cork Oak	L	L	L	L	Source of cork
<i>Quercus</i> various varieties	Deciduous and Evergreen	?	?	?	?	Drought Tolerant / Water requirements vary - refer to WUCOLS III
<i>Umbellularia californica</i>	California Bay	M	M	-	-	Drought Tolerant
SHRUBS / PERENNIALS						
<i>Abelia floribunda</i>	Mexican Abelia	M	M	-	-	
<i>Abelia x grandiflora</i>	Glossy Abelia	M	M	-	-	
<i>Adenanthos</i> sp.	NCN	?	?	?	?	Drought Tolerant
<i>Anisodonteia</i> sp.	Cape Mallow	M	M	-	M	Drought Tolerant
<i>Arctostaphylos</i> sp.	Manzanita	L	L	-	-	Drought Tolerant / County native
<i>Artemisia</i> sp.	Sagebrush/Wormwood	L	L	L	L	Drought Tolerant
<i>Bougainvillea</i> sp.	Bougainvillea	L	L	-	M	Drought Tolerant
<i>Buxus microphylla japonica</i>	Japanese Boxwood	M	M	M	M	
<i>Carissa macrocarpa</i> various varieties	Natal Plum	M	M	-	M	Drought Tolerant / Fruiting shrub
<i>Ceanothus gloriosus</i>	Pt. Reyes Ceanothus	VL	L	L	-	Drought Tolerant / California native
<i>Ceanothus griseus</i>	Carmel Creeper	VL	L	L	-	Drought Tolerant / California native
<i>Ceanothus</i> cultivars	Wild Lilac	L	L	L	-	California native
<i>Cercis canadensis</i>	Forest pansy	M	M	-	-	
<i>Cercis occidentalis</i>	Western Redbud	L	L	-	-	California native
<i>Chaenomeles</i> sp.	Flowering Quince	M	M	L	M	Many varieties
<i>Coleonema</i> sp.	Breath of Heaven	M	M	-	-	Drought Tolerant
<i>Correa</i> sp.	Australian Fuchsia	L	L	-	M	Drought Tolerant
<i>Dianella tasmanica</i>	Blueberry	M	M	-	?	Drought Tolerant
<i>Dietes</i> sp.	Fortnite Lily	M	M	-	M	Drought Tolerant
<i>Dodonea viscosa</i> 'purpurea'*	Purple Hopseed Bush	L	M	-	M	Drought Tolerant / Sensitive to severe frost
<i>Escallonia</i> various varieties	No Common Name	M	M	-	M	Wide variety of sizes
<i>Euonymus fortunei</i> and cultivars	No Common Name	M	M	M	-	
<i>Euryops pectinatus</i>	Bush Daisy	L	L	M	M	Drought Tolerant / Dark green or grey green foliage
<i>Garrya elliptica</i>	Coast Silktassel	L	M	-	-	California native
<i>Heteromeles arbutifolia</i>	Toyon	L	L	-	-	Drought Tolerant / California native
<i>Lavandula angustifolia</i>	English Lavender	L	L	M	M	
<i>Lavandula stoechas</i>	Spanish Lavender	L	L	M	M	Drought Tolerant
<i>Lavatera assurgentiflora</i>	Tree Mallow	L	L	-	M	Drought Tolerant / California Native
<i>Leptospermum scoparium</i>	New Zealand Tea Tree	M	M	-	-	Drought Tolerant / Sensitive to severe frost
<i>Mahonia aquifolium</i>	Oregon Grape	M	M	M	M	Drought Tolerant / California native
<i>Myrtus communis</i>	Common Myrtle	L	M	M	M	Drought Tolerant
<i>Nandina domestica</i>	Heavenly Bamboo	L	M	M	M	Drought Tolerant / Many varieties; not a bamboo

Botanical Name	Common Name	Regional Evaluation				Notes
		3	4	5	6	
Phormium tenax and cultivars	New Zealand Flax	L	M	-	M	Drought Tolerant
Photinia fraserii	Photinia	M	M	M	M	
Pinus mugo	Mugo Pine	-	M	M	-	Drought Tolerant
Pittosporum various varieties	various	?	?	?	?	Water requirements vary - refer to WUCOLS III
Rhamnus alaternus	Italian Buckthorn	L	M	-	-	Drought Tolerant
Rhamnus californica	California Coffee Berry	VL	L	-	M	Drought Tolerant / California native
Rhaphiolepis indica and cultivars*	Yeddo	M	M	M	M	
Ribes sanguineum var. glutinosum	Red Flowering Currant Hawthorne	L	M	-	-	Drought Tolerant / California native
Rosa sp.	Rose	M	M	H	H	Many varieties
Rosmarinus officinalis* & cultivars	Rosemary	L	L	M	M	Drought Tolerant / Prostrate and upright forms
Salvia leucantha	Mexican Sage	L	L	-	M	Drought Tolerant
Westringia fruticosa	Coast Rosemary	L	L	-	M	Drought Tolerant
Xylosma congestum	Shiny Xylosma	M	M	M	M	
GROUNDCOVERS AND VINES						
Acacia redolens "Low Boy"	Low Boy Acacia	L	L	L	L	Drought Tolerant / Can be short lived
Aptenia cordifolia	No Common Name	L	L	-	H	Drought Tolerant
Arctostaphylos densiflora	Vine Hill Manzanita	L	L	-	-	Drought Tolerant
Arctostaphylos uva-ursi	Bearberry	L	L	-	-	Drought Tolerant / California native
Bougainvillea spectabilis	Bougainvillea	L	L	-	M	Drought Tolerant
Baccharis pilularis	Dwarf Coyote Bush	L	L	-	-	Drought Tolerant / California native
Cotoneaster sp. groundcover	Cotoneaster	M	M	M	M	Drought Tolerant
Dymondia margaretae	No Common Name	L	L	-	-	
Gazania sp.	Gazania	M	M	M	M	
Juniperus sp.	various	L	M	M	M	Drought Tolerant / Many varieties
Lantana montevidensis and cultivars	Lantana	L	L	-	M	Drought Tolerant
Myoporum parvifolium 'prostratum' and cultivars	Prostrate Myoporum	L	L	-	M	Plant in non-traffic areas
Santolina chamaecyparissus	Lavender Cotton	L	L	L	L	Drought Tolerant
Senecio mandraliscae	No Common Name	L	M	-	-	Drought Tolerant
Thymus serpyllum and other varieties	Creeping Thyme	M	M	M	M	Drought Tolerant
Rosa banksiae	Lady Banks Rose	M	M	M	M	
PERENNIALS, ORNAMENTAL GRASSES AND FERNS						
Acanthus mollis	Bear's Breach	M	M	-	M	
Achillea sp.	Yarrow	?	?	?	?	Drought Tolerant / California native / Water requirements vary - refer to WUCOLS III
Agapanthus africanus	Lily of the Nile	M	M	-	M	Drought Tolerant
Aquilegia sp.	Columbine	M	M	M	M	Drought Tolerant / California native / Can be short lived

Botanical Name	Common Name	Regional Evaluation				Notes
		3	4	5	6	
<i>Armeria maritima</i>	Sea Thrift	M	M	M	M	Drought Tolerant / California native
<i>Centuarea cineraria</i>	Dusty Miller	M	M	-	M	Drought Tolerant
<i>Erigeron karvinskianus</i>	Fleebane	M	M	M	M	Drought Tolerant
<i>Eschscholzia californiaca</i>	California Poppy	L	L	L	L	Drought Tolerant / California native
<i>Fescue glauca</i>	Blue Fescue	M	M	M	M	Drought Tolerant
<i>Gaillardia x grandiflora</i>	Blanket Flower	M	M	M	M	
<i>Hemerocalis sp</i>	Day Lily	M	M	M	M	Many varieties
<i>Heuchera sanguinea</i>	Corral Bells	M	M	M	M	California native
<i>Penstemon wild sp.</i>	Penstemon	L	L	L	L	Drought Tolerant / California native
<i>Polystichum munitum</i>	Western Sword Fern	M	H	-	H	California native
<i>Sedum sp.</i>	Stonecrop	L	L	L	L	Drought Tolerant
<i>Stachys byzantina</i>	Lamb's Ears	M	M	-	M	Drought Tolerant
<i>Tulbaghia violacea</i>	Society Garlic	M	M	-	M	Sensitive to frost
<i>Zauschneria californica</i> (aka <i>Epilobium</i>)	California Fuchsia	VL	L	M	M	Drought Tolerant / California native; many varieties

Preferred Plant List - Recycled Water

The following plant materials list consists of drought tolerant, low water use plants that are appropriate to use in the County of Los Angeles, and are the preferred plant material to use for recycled water.

Botanical Name	Common Name	Regional Evaluation				Notes
		3	4	5	6	
TREES						
Acacia greggii *	Catclaw Acacia *	L	L	L	L	Drought Tolerant / California native / Can be short lived
Acer buergerianum	Trident Maple	M	-	-	-	
Acer campestre	Hedge Maple	?	?	-	-	
Arbutus unedo	Strawberry Tree	L	L	M	M	
Butia capitata	Pindo Palm	L	L	L	L	
Casuarina cunninghamiana	River She-Oak	L	L	M	M	
Casuarina stricta	Beefwood	L	L	M	M	Drought Tolerant
Cedrus deodara	Deodar Cedar	L	M	M	M	Drought Tolerant
Cercis occidentalis	Western Redbud	L	L	-	-	Drought Tolerant / California native
Cercocarpus betuloides	Hardtack - Mountain Mohogany	VL	VL	VL	-	Drought Tolerant / California native
Cordyline indivisa	Blue Dracaena	?	?	?	?	Drought Tolerant
Cupressocyparis X leylandi	Leyland Cypress	M	-	M	M	
Cupressus sempervirens	Italian Cypress	L	L	M	M	Drought Tolerant
Jacaranda acutifolia	Jacaranda	M	M	-	M	Drought Tolerant
Juniperus californica	California Juniper	L	L	L	L	Drought Tolerant / California native
Melaleuca spp.	Melaleuca	?	?	-	?	Drought Tolerant
Metrosideros excelsa	New Zealand Christmas Tree	M	M	-	-	Drought Tolerant
Phoenix dactylifera	Date Palm	L	L	M	M	
Pinus cembroides	Mexican Pinon Pine	?	?	?	?	Drought Tolerant
Platanus racemosa	California Sycamore	M	M	H	H	Drought Tolerant / California native
Prunus ilicifolia	Hollyleaf Cherry	VL	VL	-	-	California native
Prunus lyonii	Catalina Cherry	L	L	-	-	California native
Quercus agrifolia	Coast Live Oak	L	L	-	M	Drought Tolerant / California native
Quercus rubra	Northern Red Oak	-	M	-	-	Drought Tolerant
Quercus virginiana	Southern Live Oak	M	M	M	M	Drought Tolerant / California native
Sophora japonica	Japanese Pagoda Tree	M	M	M	M	
Ziziphus jujuba	Jujube, Chinese Date	L	M	M	M	
SHRUBS / PERENNIALS						
Acacia redolens	Redolen Acacia	L	L	L	L	Drought Tolerant / California native

Botanical Name	Common Name	Regional Evaluation				Notes
		3	4	5	6	
Agave spp.	Agave	L	L	-	L	Drought Tolerant / Sensitive to severe frost Agave attenuata is limited to region 3
Aloe spp.	Aloe	L	L	-	L	Sensitive to severe frost
Artemisia pycnocephala	Sandhill Sage	L	L	L	L	Drought Tolerant / California native
Buxus japonica	Japanese Boxwood	M	M	M	M	Drought Tolerant
Carissa macrocarpa	Natal Plum	M	M	-	M	Drought Tolerant
Ceanothus gloriosus	Pt. Reyes Ceanothus	VL	L	L	-	Drought Tolerant / California native
Ceanothus thrysiflorus	Blue Blossom	VL	L	L	L	Drought Tolerant / California native
Coleonema spp.	Breath of Heaven	M	M	-	-	Drought Tolerant
Dietes irioides	Fortnight Lily	M	M	-	M	Drought Tolerant
Eriogonum fasciculatum	California Buckwheat	VL	L	L	L	Drought Tolerant / California native
Escallonia rubra	Escallonia	M	M	-	M	
Euonymus japonica	Evergreen Euonymus	M	M	M	M	
Fremontia californicum	California Flannel Bush	VL	L	-	-	Drought Tolerant / California native
Heteromeles arbutifolia	Toyon	L	L	-	-	Drought Tolerant / California native
Isomeris arborea	Bladderpod	?	?	?	?	Drought Tolerant / California native
Juniperus virginiana "Skyrocket"	Skyrocket Juniper	L	M	M	M	Drought Tolerant
Lavatera assurgentiflora	Tree Mallow	L	L	-	M	Drought Tolerant / California native
Leucophyllum frutescens	Texas Ranger	L	L	L	L	Drought Tolerant
Leucophyta brownii	Cushion Bush	?	?	-	-	
Myoporum parvifolium	Myoporum	L	L	-	M	Drought Tolerant / Many forms
Myrtus communis	Tree Myrtle	L	M	M	M	Drought Tolerant
Rhamnus californica	Coffeeberry	VL	L	-	M	Drought Tolerant / California native
Rhapiolepis indica	Indian Hawthorn	M	M	M	M	Drought Tolerant once established
Rhus spp.	Sumac	?	?	?	?	Drought Tolerant / California native- Sensitive to severe frost / Water requirements vary - refer to WUCOLS III
Rosmarinus officinalis	Rosemary	L	L	M	M	Drought Tolerant
Senna (Cassia) artemisioides	Feathery Cassia	L	L	L	L	Drought Tolerant / Sensitive to severe frost
Simmondsia chinensis	Jobba	VL	VL	L	L	Drought Tolerant / California native- Sensitive to severe frost
Yucca aloifolia	Spanish Bayonet	L	L	L	L	Drought Tolerant / Sensitive to severe frost
GROUNDCOVERS AND VINES						

Botanical Name	Common Name	Regional Evaluation				Notes
		3	4	5	6	
Baccharis spp.	Coyote Brush/Desert Broom	L	L	-	-	Drought Tolerant / California native
Bougainvillea spectabilis	Bougainvillea	L	L	-	M	Drought Tolerant / Sensitive to severe frost
Gazania spp.	Gazania	M	M	M	M	Drought Tolerant
Lonicera hildebrandiana	Giant Honeysuckle	M	M	M	M	Drought Tolerant
Oenothera speciosa	Evening Primrose	L	L	M	M	Drought Tolerant / Dies quickly of root rot if over-watered
Plumbago auriculata	Cape Plumbago	M	M	-	M	Drought Tolerant
Portulaca grandiflora	Rose Moss	?	?	?	?	Drought Tolerant
PERENNIALS, ORNAMENTAL GRASSES AND FERNS						
Bromus carinatus	California Brome	?	?	-	?	Drought Tolerant / California native
Deschampsia elongata	Slender Hairgrass	L	L	-	-	Drought Tolerant
Drosanthemum hispidum	Rose Iceplant	L	L	-	L	Drought Tolerant
Elymus glaucus	Blue Wildrye	L	L	M	M	Drought Tolerant / California native
Festuca californica	California Fescue	M	M	M	M	California native
Muhlenbergia rigens	Deer Grass	L	M	M	M	Susceptible to fungi
Sporobolus airoides	Alkali Sakaton	?	?	?	L	California native
Stipa pulchra	Purple Needlegrass	VL	L	L	L	California native
Zoysia tenuifolia	Zoysia Grass	M	M	M	M	

Do Not Use - Plant List

The following list consists of plant material we consider inappropriate for our parkland. These plants may be invasive¹, short lived, delicate, require intensive maintenance or a strong attractant to bees. Do not use the plants listed.

Acacia dealbata - Silver Wattle	Cynodon dactylon - Bermudagrass	Nicotiana Glauca - Tree Tobacco
Acacia cyclops - Western Coastal Wattle	Cytisus sp. - Broom	Olea Europaea - Olive
Acacia dealbata - Silver Wattle	Digitalis purpurea - Foxglove	Onopordum Acanthium - Scotch Thistle
Acacia decurrens - Green Wattle	Dimorphotheca sinuate - African Daisy	Oxalis sp. - Clover
Acacia longifolia - Golden Wattle	Dipsacus sp. - Teasel	Parkinsonia aculeate - Mexican Palo Verde
Acacia melanoxylon - Black Acacia, Blackwood Acacia	Echium candicans - Pride-Of-Madeira	Pennisetum clandestinum - Kikuyugrass
Acacia paradoxa - Kangaroothorn	Elaeagnus Angustifolia - Russian-Olive	Pennisetum setaceum - Crimson Fountaingrass
Agrostis avenacea - Pacific Bentgrass	Erodium sp. - Filaree	Phoenix canariensis - Canary Island Date Palm
Agrostis stolonifera - Creeping Bentgrass	Eucalyptus camaldulensis - Red Gum	Picea pungens glauca - Blue Spruce
Albizia lophantha - Plume Acacia	Eucalyptus globulus - Tasmanian Blue Gum	Poa Pratensis - Kentucky Bluegrass
Asparagus asparagoides - Bridal Creeper	Euphorbia sp. - Spurge	Populus fremontii - Western cottonwood
Asparagus asparagoides - Bridal Creeper	Festuca arundinacea - Tall Fescue	Prunus Cerasifera - Cherry Plum
Atriplex semibaccata - Australian Salt-bush	Ficus carica - Edible Fig	Pyracantha sp - Firethorn
Bellis Perennis - English Daisy	Foeniculum vulgare - Fennel	Pyrus calleryana - Callery Pear
Bromus sp. - Brome (Bromus carinatus - California Brome is acceptable)	Fraxinus uhdei - Tropical Ash	Pyrus kawakamii - Evergreen Pear
Callistemon citrinus - Crimson Bottlebrush	Fraxinus velutina 'Modesto' - Velvet Ash	Ranunculus Repens - Creeping Buttercup
Callistemon viminalis - Weeping Bottlebrush	Genista Monspensulana - French Broom	Retama monosperma - Bridal Broom
Carpobrotus sp. - Iceplant	Geranium sp. - Geranium	Robinia pseudoacacia - Black Locust
Centaurea sp. - Knapweed / Starthistle	Grevillea robusta - Silk Oak	Schinus molle - California Peppertree
Chrysanthemum coronarium - Crown Daisy	Hedera helix, H. canariensis - English Ivy, Algerian Ivy	Schinus terebinthifolius - Brazilian Peppertree
Cirsium sp. - Thistle	Helichrysum petiolare - Licoriceplant	Solanum elaeagnifolium - Silverleaf Nightshade
Cistus ladaniferum - Rockrose	Hypericum sp. - Hypericum	Spartium junceum - Spanish broom
Convolvulus arvensisfield - Bindweed	Iris Pseudacorus - Yellowflag Iris	Spartium junceum - Spanish Broom
Cortaderia Selloana - Pampasgrass	Leucanthemum Vulgare - Ox-Eye Daisy	Vinca minor - Periwinkle
Cotoneaster Lacteus - Parney's Coto-neaster	Linaria sp.- Toadflax	Washingtonia robusta - Mexican Fan Palm
Cotoneaster Pannosus - Silverleaf Coto-neaster	Lobularia maritima - Sweet Alyssum	Zantedeschia aethiopica - Calla Lily
Crocasmia X crocosmiiflora - Montbretia	Lolium multiflorum - Italian Ryegrass	
	Lotus corniculatus - Birdsfoot Trefoil	
	Ludwigia sp. - Primrose	
	Myoporum laetum - Myoporum	
	Myosotis latifolia - Common Forget-Me-Not	
	Nerium oleander - Oleander	

¹ For more information refer to the publication "The California Invasive Plant Inventory" by the California Invasive Plant Council (Cal-IPC) <http://www.cal-ipc.org/ip/inventory/index.php>

County of Los Angeles Parkland Standards and Classifications from County Draft and General Plan

To be used as a reference by Field Agencies in preparing Facility Programs

LOCAL PARK SYSTEM				
FACILITY	ACRES PER THOUSAND POPULATION	SUGGESTED ACREAGE*	SERVICE AREA	TYPICAL PARK FEATURES / AMENITIES
Community Park	4 / 1,000	10 - 20 acres	1 - 2 mile	<p>Passive Park Amenities including but not limited to: informal open play areas, children's play apparatus, family and group picnic areas with overhead shelters, barbecues</p> <p>Active Sports Activities including but not limited to: lighted sports fields, basketball courts and tennis courts</p> <p>Additional amenities may include: aquatics complex, skate park, arena soccer, rollerhockey, community gardens and dog parks</p> <p>Park Facilities including but not limited to: public restrooms, concession building, community buildings, maintenance building and on-site parking and informational kiosks</p>
Neighborhood Park	4 / 1,000	3 - 10 acres	1/2 mile	<p>Passive Park Amenities including but not limited to: informal open play areas, children's play apparatus, family picnic areas with overhead shelters, barbecues</p> <p>Active Sports Activities including but not limited to: practice sports fields, basketball, tennis and volleyball courts</p> <p>Park Facilities including but not limited to: public restroom, on-site parking and informational kiosk</p>
Pocket Park	4 / 1,000	less than 3 acres	1/4 mile	<p>Passive Park Amenities including but not limited to: picnic areas and seating areas</p> <p>Active Park Amenities including but not limited to: children's play apparatus</p>
Park Node	4 / 1,000	1/4 acre or less	no service radius area	Varies - can include: plazas, rest areas, playgrounds, landmarks and public art installations
REGIONAL PARK SYSTEM				
FACILITY	ACRES PER THOUSAND POPULATION	SUGGESTED ACREAGE*	SERVICE AREA	TYPICAL PARK FEATURES / AMENITIES
Community Regional Park	6 / 1,000	20 - 100 acres	up to 20 miles	<p>Passive Park Amenities including but not limited to: informal open play areas, children's play apparatus, family and group picnic areas with overhead shelters and barbecues</p> <p>Active Sports Activities including but not limited to: lighted sports fields, basketball courts and tennis courts</p> <p>Additional features may include one or more of the following features: multiple sports facilities, aquatics center, fishing lake, community building and gymnasium and outstanding views and vistas.</p> <p>Park Facilities including but not limited to: public restrooms, concession building, maintenance building, informational kiosks and on-site parking</p>
Regional Park	6 / 1,000	greater than 100 acres	25+ acres	<p>Passive Park Amenities including but not limited to: group picnic areas with overhead shelters and barbecues</p> <p>Additional amenities may include one or more of the following features: lakes, wetlands, auditoriums, water bodies and campgrounds, water bodies for swimming, fishing and boating, and sports fields</p>
Special Use Facility	6 / 1,000	no size criteria	no assigned service radius area	<p>Generally single purpose facilities. Uses can include passive features such as: wilderness parks, nature preserves, botanical gardens and nature centers</p> <p>Active uses can include: performing arts, water parks, aquatic facilities, skate parks, golf driving ranges and golf courses</p>

*Actual park acreage is determined based on land availability and community needs and demands.

8.15.09

References and Resources

SECURITY AND SAFETY

Crime Prevention Through Environmental Design, Second Edition by Timothy Crowe M.S. *Criminology - Florida State University, NCPI*

21st Century Security and CPTED: Designing for Critical Infrastructure Protection and Crime Prevention by Randall I. Atlas

SUSTAINABLE SITE DESIGN

"The Sustainable Sites Initiative" <http://www.sustainablesites.org/>

"Green Building and Sustainability Guidelines for the County of Los Angeles 2008 Edition" <http://planning.lacounty.gov/green>

US Green Building Council and LEED Standards <http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>

County of Los Angeles Low Impact Development Standards Manual January 2009 http://dpw.lacounty.gov/wmd/LA_County_LID_Manual.pdf

PLAYGROUNDS

"Handbook for Public Playground Safety" U.S. Consumer Product Safety Commission, Washington, DC 20207

"Standard Consumer Safety Performance Specification for Playground Equipment for Public Use" ASTM International Designation: F 1487

SALT TOLERANT PLANT MATERIAL

Salt Management Guide for Landscape Irrigation with Recycled Water in Coastal Southern California

By Kenneth Tanji¹, Stephen Grattan², Catherine Grieve³, Ali Harivandi⁴, Larry Rollins⁵, David Shaw⁶, Bahman Sheikh⁷, and Lin Wu⁸

INVASIVE PLANT MATERIAL

California Invasive Plant Council (Cal-IPC) - <http://www.cal-ipc.org/>

California Weed Science Society (CWSS) - <http://www.cwss.org/>

Weed Research and Information Center (WeedRIC) - <http://wric.ucdavis.edu/>

Weed Science Society of America (WSSA) - <http://www.wssa.net/>

Western Society of Weed Science (WSWS) - <http://www.wsweed-science.org/>

STORMWATER MANAGEMENT

Watershed Management Division Los Angeles County Department of Public Works Watershed section) http://dpw.lacounty.gov/wmd/LA_County_LID_Manual.pdf

1 Kenneth Tanji, Professor, Department of Land, Air, and Water Resources, University of California-Davis;

2 Stephen Grattan, University of California Cooperative Extension specialist in plant-water relations, Department of Land, Air, and Water Resources, University of California-Davis;

3 Catherine Grieve, Research leader/supervisory plant physiologist specializing in salt tolerance of plants, U.S. Riverside, California Department of Agriculture—Agricultural Research Service, U.S. Salinity Laboratory;

4 Ali Harivandi, University of California Cooperative Extension environmental horticulture advisor in turfgrass, soils, and water, Alameda County, California;

5 Larry Rollins, Technical writer specializing in hydrology and geology, Davis, California;

6 David Shaw, University of California Cooperative Extension advisor in landscape, turfgrass, and Christmas tree industry, San Diego County, California;

7 Bahman Sheikh, Water reuse specialist, independent consultant, San Francisco, California;

8 Lin Wu Professor emeritus in environmental horticulture, salt tolerance of native and landscape plants, Department of Environmental Horticulture, University of California-Davis



SPALDING COUNTY BOARD OF COMMISSIONERS Ethics Complaints

Requesting Agency

County Clerk

Requested Action

Discussion of Ethics Complaints filed against Commissioner Donald Hawbaker and establish a date and time to review the allegations to determine if there has been a prima facie violation of the Code of Ethics.

Requirement for Board Action

Is this Item Goal Related?

Summary and Background

On February 21, 2020 nine Ethics Complaints were filed against Commissioner Hawbaker, the purpose of this meeting is to determine if there is prima facie evidence to proceed with these complaints.

Fiscal Impact / Funding Source

STAFF RECOMMENDATION

ATTACHMENTS:

Description	Upload Date	Type
<input type="checkbox"/> 2020-2-21 Ethics Charges Filed	3/9/2020	Backup Material
<input type="checkbox"/> Procedures for ethics violation	3/9/2020	Backup Material
<input type="checkbox"/> Spalding County Ethics Code	3/9/2020	Backup Material

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



Mr. Wilson,

I would like to file a formal Ethics Complaint against Donald F. Hawbaker. I feel he has violated the Spalding County Code of Ethics Chapter 12 Section 2-12003.

- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Disorderly Conduct Docket # 20EW001567

I, Jason Mattox, swear the foregoing is true.

A handwritten signature in blue ink, appearing to be "J. Mattox", written over a horizontal line.

Sworn and receive on 21st day of February 2020

A handwritten signature in blue ink, appearing to be "Kathy E. Gibson", written over a horizontal line.

Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



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- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Disorderly Conduct Docket # 20EW001568

I, Jason Mattox, swear the foregoing is true.

A handwritten signature in blue ink, appearing to read "Jason Mattox", written over a horizontal line.

Sworn and receive on 21st day of February, 2020

A handwritten signature in blue ink, appearing to read "Kathy E. Gibson", written over a horizontal line.
Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



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- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Disorderly Conduct Docket # 20EW001569

I, Jason Mattox, swear the foregoing is true.

A handwritten signature in blue ink, appearing to read "Jason Mattox", written over a horizontal line.

Sworn and receive on 21st day of February, 2020

A handwritten signature in blue ink, appearing to read "Kathy E. Gibson", written over a horizontal line.
Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223




Mr. Wilson,

I would like to file a formal Ethics Complaint against Donald F. Hawbaker. I feel he has violated the Spalding County Code of Ethics Chapter 12 Section 2-12003.

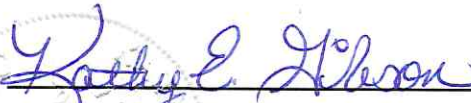
- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Aggravated Assault Docket # 20M20056

I, Jason Mattox, swear the foregoing is true.

_____

Sworn and receive on 21st day of February 2020

_____
Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



Mr. Wilson,

I would like to file a formal Ethics Complaint against Donald F. Hawbaker. I feel he has violated the Spalding County Code of Ethics Chapter 12 Section 2-12003.

- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Aggravated Assault Docket # 20P20063

I, Jason Mattox, swear the foregoing is true.

A handwritten signature in blue ink, appearing to be "J. Mattox", written over a horizontal line.

Sworn and receive on 21st day of February, 2020

A handwritten signature in blue ink, appearing to be "Kathy E. Gibson", written over a horizontal line.
Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



Mr. Wilson,

I would like to file a formal Ethics Complaint against Donald F. Hawbaker. I feel he has violated the Spalding County Code of Ethics Chapter 12 Section 2-12003.

- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Simple Assault Family Violence Docket # 20EW001566

I, Jason Mattox, swear the foregoing is true.

A handwritten signature in blue ink, appearing to be "J. Mattox", written over a horizontal line.

Sworn and receive on 21st day of February 2020

A handwritten signature in blue ink, appearing to be "Kathy E. Gibson", written over a horizontal line.

Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



Mr. Wilson,

I would like to file a formal Ethics Complaint against Donald F. Hawbaker. I feel he has violated the Spalding County Code of Ethics Chapter 12 Section 2-12003.

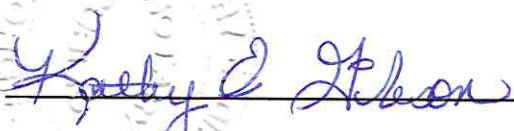
- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Aggravated Assault Docket # 20M20053

I, Jason Mattox, swear the foregoing is true.



Sworn and receive on 21st day of February, 2020



Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



Mr. Wilson,

I would like to file a formal Ethics Complaint against Donald F. Hawbaker. I feel he has violated the Spalding County Code of Ethics Chapter 12 Section 2-12003.

- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Aggravated Assault Docket # 20M20054

I, Jason Mattox, swear the foregoing is true.

A handwritten signature in blue ink, appearing to be "Jason Mattox", written over a horizontal line.

Sworn and receive on 21st day of February, 2020

A circular notary seal for Kathy E. Gibson, Notary Public, Fayette County, GA. The seal is partially obscured by the signature. The signature "Kathy E. Gibson" is written in blue ink over a horizontal line.

Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

February 20, 2020

Spalding County Manager

William P. Wilson Jr

119 E. Solomon Street

Griffin, GA 30223



Mr. Wilson,

I would like to file a formal Ethics Complaint against Donald F. Hawbaker. I feel he has violated the Spalding County Code of Ethics Chapter 12 Section 2-12003.

- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion.

For his recent arrest in Spalding County for Aggravated Assault Docket # 20M20055

I, Jason Mattox, swear the foregoing is true.

A handwritten signature in blue ink, appearing to be "J. Mattox", written over a horizontal line.

Sworn and receive on 21st day of February, 2020

A handwritten signature in blue ink, appearing to be "Kathy E. Gibson", written over a horizontal line.

Notary Public

Kathy E. Gibson
Notary Public, Fayette County, GA
My Commission Expires Feb 16, 2021

Sec. 2-12003. - Text of ethical considerations.

Notwithstanding any provisions of law to the contrary, each covered official of Spalding County shall:

- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion;
- (2) Never discriminate by the dispensing of special favors or privileges to anyone, whether or not for remuneration;
- (3) Not engage in any business with the government, or allow any member of his/her immediate family to engage in any business with the government, either directly or indirectly, which is inconsistent with the conscientious performance of his/her governmental duties;
- (4) Never use any information coming to him/her confidentially in the performance of governmental duties as a means for making private profit;
- (5) Expose corruption wherever discovered;
- (6) Never solicit, accept, or agree to accept gifts, loans, gratuities, discounts, favors, hospitality, or services from any person, association, or corporation for himself/herself, or any member of his/her immediate family, under circumstances from which it could reasonably be inferred that purpose of the donor is to influence the performance of the official's official duties. For gifts, loans, gratuities, discounts, favors, hospitality, or services solicited, accepted or agreed to accept under circumstances from which it cannot be reasonably inferred that a purpose of the donor was to influence the performance of the official's official duties, the following rules shall apply: A covered official shall publically disclose, prior to discussing or taking any official action or any matter involving the donor, any gift or campaign contribution (cash or in kind) received by him/her, or any member of his/her immediate family, greater than one hundred dollars (\$100.00). (Receipt of gifts and campaign contributions valued at five hundred dollars (\$500.00) or more by a covered official, or member of his/her immediate family, will prohibit the covered official from participating in or taking official action on any matter involving the donor);
- (7) Never accept any economic opportunity for himself/herself, or any member of his/her immediate family, under circumstances where he/she knows or should know that there is a substantial possibility that the opportunity is being afforded with intent to influence his/her conduct in the performance of his/her official duties. All business relationships, regardless of the dollar amount involved, between a covered official, or a member of his/her immediate family, with anyone having business with the county shall be publicly disclosed prior to any discussion or official action being taken on the matter. Should the business relationship provide a covered official, or a member of his/her immediate

family, with at least five hundred dollars (\$500.00) on an annual basis, such covered official shall be prohibited from participating or taking official action on any matter involving the person with whom such business relationship exists;

- (8) Shall promptly pay when due all ad valorem taxes due to the City of Griffin, Spalding County and the Griffin Spalding County School System; and
- (9) Shall promptly file any disclosure required by the State of Georgia for public officials as well as pay any fees or penalties which may be assessed by the State of Georgia within ninety (90) days of receiving official notice from the State of Georgia of such fees or penalties.
- (10) Each covered official shall take an oath of office and shall covenant and agree to adhere to the provisions of this ethics ordinance.

(Ord. No. 2013-02, 3-4-13)

MEMO

TO: JRF

FROM: NG

DATE: 02/21/20

RE: SPALDING COUNTY ETHICS COMPLAINTS - PROCEDURE

INTRODUCTION

On February 21, 2020, Jason Mattox (“Mattox”) filed nine (9) separate written ethics complaints against Commissioner Donald F. Hawbaker (“Hawbaker”). Each complaint alleges a violation of Spalding County Code of Ethics Chapter 12 § 2-12003(1) and references a separate criminal charge filed against Hawbaker, with corresponding case number, and are as follows (in order of receipt with docket number):

- 1) Disorderly Conduct – #20EW001567
- 2) Disorderly Conduct – #20EW001568
- 3) Disorderly Conduct – #20EW001569
- 4) Aggravated Assault – #20M20056
- 5) Aggravated Assault – #20P20063
- 6) Simple Assault Family Violence – #20EW001566
- 7) Aggravated Assault – #20M20053
- 8) Aggravated Assault – #20M20054
- 9) Aggravated Assault – #20M20055

SPALDING COUNTY CODE OF ETHICS CHAPTER 12 § 2-12003(1) & CORRESPONDING SECTIONS

§ 2-12003(1) of the Ethics Code states that:

“Notwithstanding any provisions of law to the contrary, each covered official of Spalding County shall: (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion;...”

§ 2-12002(3) defines a “covered official” as: *“any member of the Board of Commissioners of Spalding County and any person who has been appointed to a position by the Board of Commissioners of Spalding County”.*

Based on the above, Mattox appears to have highlighted numerous, separate violations of § 2-12003(1) by Hawbaker, a “covered official” under § 2-12002(3).

SPALDING COUNTY CODE OF ETHICS CHAPTER 12 § 2-12004 – PROCEDURE FOR ALLEGED VIOLATIONS

Initial Review Stage

§ 2-12004(b) provides the procedure for the intake and initial review procedure for Code of Ethics complaints made against a *member of the Board of Commissioners* (“Members”). (*Note: This varies slightly from the procedure involving complaints made against other “covered officials” under § 2-12004(a).*)

Under §2-12004(b), when a complaint is received by the clerk of the Board of Commissioners alleging a prima facie violation of the Code of Ethics (*see above*), the remaining Members must review the complaints. If three (3) of the remaining Members find that a prima facie violation has occurred, an ***independent review board is convened***.

Independent Review Board Formation

The independent review board shall be comprised of the citizens of Spalding County, nominated by *a county commissioner*, and § 2-12004(b)(1) – (3) set forth the policies governing the formation of the independent review board.

First, each commissioner *at the beginning of their term* appoints three (3) citizens to be placed in the pool to serve as the review board. The three citizens must be residents and registered voters of Spalding County. §2-12004(b)(1). If a review board needs to be convened, the names of the three pool appointees made by each commissioner are drawn *by the clerk of the board of commissioners*. The first name drawn serves as a member of the review board with the other two serving as alternates. The drawing *shall take place in open session*. §2-12004(b)(2). Three (3) of the five (5) review board members ultimately selected constitutes a quorum. §2-12004(b)(2).

The appointees only serve as such during the appointing commissioner’s term and will cease serving in that capacity at the end of that term. The commissioner may remove appointees and replace them at any point during their term. §2-12004(b)(3).

Public Hearing

Under § 2-12004(c), when the independent review board is formed, they will hold a ***public hearing*** regarding the filed, written complaint(s). At the conclusion of the public hearing, a majority vote of the review board members will be taken to determine whether a violation of the Code of Ethics has occurred. Once the vote has been taken, the written findings of the review board are submitted to the county clerk. After this filing has been made, the review board has completed

its duties and is discharged from service. (*Note: § 2-12004(c) provides that **any person aggrieved by the review board's finding** has the right to seek a writ of certiorari to the Spalding County Superior Court.*)

Penalties

If the review board finds that a violation of the Code of Ethics has occurred, a *majority* of the board of commissioners shall determine the appropriate penalty to be assessed. The available penalties are provided in § 2-12004(a)(1), (3).

Under § 2-12004(a)(1), the board of commissioners may issue a **written reprimand or public censure**. The reprimand or censure shall be posted in the *Griffin Daily News* and posted in the courthouse and courthouse annex.

Furthermore, if the “covered official” found to have committed the violation(s) *is a member of the board of commissioners*, the violating commissioner may be *fin*ed in an amount not to exceed \$1,000. This fine would be in addition to the written reprimand or public censure detailed above. (*Note: Information provided shows nine separate complaints filed against Hawbaker. Based on the above Code section, Hawbaker could be facing a total of \$9,000 in fines in addition to the other applicable penalties.*)

CHAPTER 12. - CODE OF ETHICS

*Footnotes:**--- (8) ---*

Editor's note— Ord. No. 2013-02, adopted Mar. 4, 2013, repealed former Ch. 12, which was inadvertently numbered as §§ 2-1201—2-1204, and enacted a new Ch. 12, which sections have been numbered to reflect the style of the Code. The former chapter pertained to similar subject matter and derived from Ord. No. 2010-04, 11-1-10.

Sec. 2-12001. - Purpose and intent.

The purpose of this Code of Ethics is to establish ethical standards of conduct for all covered officials of Spalding County by identifying acts or actions that are incompatible with the best interests of the community and the organization and by requiring disclosure by such covered officials of private financial, or other interests, in matters affecting the county.

Those covered officials are bound to observe in their official acts the highest standards of behavior and to faithfully discharge the duties and responsibilities of their office, regardless of personal considerations, recognizing that public interest must be their primary concern.

Covered officials shall not exceed their authority or breach the law or ask others to do so. They shall work in full cooperation with other public officials and unless prohibited from so doing by law or by the officially recognized confidentiality of their work.

(Ord. No. 2013-02, 3-4-13)

Sec. 2-12002. - Definitions.

The following words, terms and phrases, when used in the Code of Ethics of Spalding County, shall have the meanings ascribed to them in this section:

- (1) *Code of Ethics* means the Code of Ethics of Spalding County.
- (2) *County* means Spalding County, Georgia.
- (3) *Covered official* means any member of the Board of Commissioners of Spalding County and any person who has been appointed to a position by the Board of Commissioners of Spalding County including, but not limited to, the county manager, the county clerk, and any member of the planning commission, the zoning board of appeals, or any other appointed board. The county attorney is subject to the ethical considerations and disciplinary rules enacted by the State Bar of Georgia, and is also considered a covered official insofar as the application of this chapter. However, enforcement shall be through the procedures as established by the State Bar of Georgia.
- (4) *Gift* means the transfer of anything of economic value, regardless of form, without

adequate and lawful consideration. *Gift* also means a subscription, membership, loan, forgiveness of debt, advance or deposit of money or anything of value, conveyed or transferred.

- (5) *Immediate family* means parents, spouse, siblings, children, stepchildren, mothers-in-law, fathers-in-law, sisters-in-law, brothers-in-law, grandparents and aunts or uncles by blood or marriage.
- (6) *Official acts* means acts taken in the course of a member of the board of commissioners capacity as an elected member of the Board of Commissioners of Spalding County. Any act taken in performance of the duties of such a commissioner shall be deemed an official act.
- (7) *Review board* means the five (5) citizens of Spalding County who are chosen to conduct a public hearing based upon the complaint of unethical conduct by a commissioner. Their purpose is to make a factual determination whether or not a violation of the ethics ordinance has occurred. A quorum for the review board shall consist of three (3) members.

(Ord. No. 2013-02, 3-4-13)

Sec. 2-12003. - Text of ethical considerations.

Notwithstanding any provisions of law to the contrary, each covered official of Spalding County shall:

- (1) Uphold the Constitution, laws and regulations of the United States, the State of Georgia, and all governments therein and never be a party to their evasion;
- (2) Never discriminate by the dispensing of special favors or privileges to anyone, whether or not for remuneration;
- (3) Not engage in any business with the government, or allow any member of his/her immediate family to engage in any business with the government, either directly or indirectly, which is inconsistent with the conscientious performance of his/her governmental duties;
- (4) Never use any information coming to him/her confidentially in the performance of governmental duties as a means for making private profit;
- (5) Expose corruption wherever discovered;
- (6) Never solicit, accept, or agree to accept gifts, loans, gratuities, discounts, favors, hospitality, or services from any person, association, or corporation for himself/herself, or any member of his/her immediate family, under circumstances from which it could reasonably be inferred that purpose of the donor is to influence the performance of the official's official duties. For gifts, loans, gratuities, discounts, favors, hospitality, or services solicited, accepted or agreed to accept under circumstances from which it

cannot be reasonably inferred that a purpose of the donor was to influence the performance of the official's official duties, the following rules shall apply: A covered official shall publically disclose, prior to discussing or taking any official action or any matter involving the donor, any gift or campaign contribution (cash or in kind) received by him/her, or any member of his/her immediate family, greater than one hundred dollars (\$100.00). (Receipt of gifts and campaign contributions valued at five hundred dollars (\$500.00) or more by a covered official, or member of his/her immediate family, will prohibit the covered official from participating in or taking official action on any matter involving the donor);

- (7) Never accept any economic opportunity for himself/herself, or any member of his/her immediate family, under circumstances where he/she knows or should know that there is a substantial possibility that the opportunity is being afforded with intent to influence his/her conduct in the performance of his/her official duties. All business relationships, regardless of the dollar amount involved, between a covered official, or a member of his/her immediate family, with anyone having business with the county shall be publicly disclosed prior to any discussion or official action being taken on the matter. Should the business relationship provide a covered official, or a member of his/her immediate family, with at least five hundred dollars (\$500.00) on an annual basis, such covered official shall be prohibited from participating or taking official action on any matter involving the person with whom such business relationship exists;
- (8) Shall promptly pay when due all ad valorem taxes due to the City of Griffin, Spalding County and the Griffin Spalding County School System; and
- (9) Shall promptly file any disclosure required by the State of Georgia for public officials as well as pay any fees or penalties which may be assessed by the State of Georgia within ninety (90) days of receiving official notice from the State of Georgia of such fees or penalties.
- (10) Each covered official shall take an oath of office and shall covenant and agree to adhere to the provisions of this ethics ordinance.

(Ord. No. 2013-02, 3-4-13)

Sec. 2-12004. - Procedure for alleged violations.

- (a) Any alleged violations of this Code of Ethics must be submitted by a written, sworn complaint to the Clerk of the Board of Commissioners of Spalding County. Consistent with the open meetings laws, the board of commissioners shall review all complaints against covered officials, except those complaints filed against a member of the board of commissioners. Three (3) members of the board of commissioners must agree that a sufficient basis has been given to warrant a public hearing.

The board of commissioners shall conduct the public hearing to determine whether, based upon clear and convincing evidence, the covered official has violated the Code of Ethics. Covered officials are subject to the following penalties and actions for violations of this Code of Ethics:

- (1) Written reprimand or public censure, which shall be printed in the Griffin Daily News and posted in the courthouse as well as the courthouse annex;
 - (2) In the event a covered official is not an elected official, then and in such event, such covered official may be removed from office for good cause shown. In the event the covered official desires to have a hearing on the matter, a hearing shall be afforded to the covered official, if requested, within ten (10) days of the board of commissioners giving the covered official notice of its intent to remove him from his/her position;
 - (3) In the event the covered official is a member of the board of commissioners, then he or she may be fined in an amount not to exceed one thousand dollars (\$1,000.00) in addition to a written reprimand and/or public censure as provided in paragraph (1) above;
- (b) If a complaint is received by the clerk of the board of commissioners which alleges a prima facie violation of the Code of Ethics by a member of the board of commissioners, then and in such event, the remaining commissioners shall review the allegations, and in the event that three (3) commissioners agree that a prima facie violation of the ethics ordinance is presented, then an independent review board shall be convened. The review board will be comprised of citizens of Spalding County who have been nominated by a county commissioner to serve on the review board. The procedure for establishing a review board shall be as follows:
- (1) Each commissioner, at the beginning of his/her term, shall appoint three (3) citizens who are Spalding County residents and are registered to vote in Spalding County to be placed in a pool of citizens to serve as a review board.
 - (2) In the event a review board needs to be convened, then and in such event, one (1) member of the review board shall be drawn from the three (3) citizens appointed by each commissioner. The first name chosen will be a member of the review board and a second citizen drawn from the remaining two (2) names shall serve as an alternate in the event that the first person chosen is unable or unwilling to serve. The county clerk shall draw such names and such drawing shall take place in open session. The five (5) people so chosen shall constitute the review board. Three (3) of those chosen shall constitute a quorum.
 - (3) The citizens so appointed shall serve during the term of the commissioner who appointed them. At the expiration of his/her term or at such time as he is no longer a commissioner, they shall cease to serve as that commissioner's appointees. The

appointing commissioner may discharge his/her appointees at any time and name other persons to serve in their place.

- (c) The review board will conduct a public hearing based upon the complaint. A majority vote of the review board members present shall determine whether or not a violation of the ethics ordinance has occurred. Upon reaching their decision, the review board shall submit to the county clerk their written findings whether or not a violation of this ordinance has occurred. Upon the filing of said report, the review board shall have completed its duties under this ordinance and shall be discharged from service.

Any person who is aggrieved by the findings of the review panel shall have the right to seek a writ of certiorari to the Superior Court of Spalding County, Georgia.

In the event a violation of the ethics ordinance is determined by the review board to have occurred, then and in such event, a majority of the board of commissioners shall set a penalty as set out above.

(Ord. No. 2013-02, 3-4-13)