

**MOORPARK CITY COUNCIL
AGENDA REPORT**

TO: The Honorable City Council

FROM: Tom Kruse, Parks and Recreation Director ^{TK}

Prepared by: Allen M. Walter, Parks and Landscape Superintendent *AW*

DATE: April 19, 2010 (Meeting of May 5, 2010)

SUBJECT: Consider Design and Specifications for New Playground Equipment at Arroyo Vista Community Park, College View Park, Peach Hill Park, and Magnolia Park, and Waive City's Purchasing Procedures, Allowing Staff to Request Proposals for Installation

BACKGROUND

The City's FY 2009/10 budget includes \$283,000 to add or replace existing playground equipment and add safety surfacing at five (5) park sites. Funding provides for replacement of existing 5-12 years of age playground equipment at Arroyo Vista Community Park (Phase I), and replacement of existing 2-5 years of age playground equipment at College View Park. Peach Hill Park will receive an additional play component, and Magnolia Park and Arroyo Vista Community Park (Phase II) will receive new swing sets.

Arroyo Vista Community Park Phase I, (west end) is funded \$150,000 for new playground equipment. The current play equipment, manufactured by Miracle Recreation, was installed in the turf area east of the gymnasium in 1993 and has provided a safe and pleasurable activity for the 5-12 years of age group. However, over the past years the equipment has begun to age and has required portions removed and sectioned off. The overall condition of the play equipment is poor with rust intrusion under several areas of the plastic coated steel. The extent of wear and tear damage and age of the components prevents replacement and retrofitting of the existing play equipment.

Arroyo Vista Community Park Phase II, (east end) is funded \$15,000 to add a swing set, which the original playground design did not provide for. The existing play structure has no space, so additional area to the south of the playground

requires construction to accommodate the new swing set. The new playground surface is poured-in-place rubber material to provide the required ADA access.

College View Park is funded \$45,000 to replace the playground equipment. The existing 2-5 years of age playground located in the kids play area, has required several components be removed due to safety issues, limiting College View Park playground use by children under the age of 5. The new playground structure and area will complement the existing 5-12 years of age playground. Staff is proposing to replace the playground structure with a new complete 2-5 years of age play system to include raised decking, climbers, slides, a rock-climbing wall, play panel, a stand-alone spinner, and swing set. The new playground surface is sand with poured-in-place rubber material to provide the required ADA access.

Peach Hill Park is funded \$30,000 to add a play component and additional safety surfacing. The existing playground area has a large open space area that can accommodate an additional play component. Staff proposes the installation of a Play System component for children ages 5-12 years of age. This component will compliment the existing playground, providing an additional play challenge. The new playground surface is sand with poured-in-place rubber material to provide the required ADA access.

Magnolia Park is funded \$13,000 to add a swing set. The original playground design in 2007 did not incorporate a swing set. Staff is proposing to add a new play area containing a swing set. The existing play structure area has no space for the swing set, so an additional area to the east of the playground will be constructed to accommodate one. The new playground surface will be poured-in-place rubber material to provide the required ADA access.

At the January 11, 2010, Parks and Recreation Commission meeting, staff introduced the Universally Accessible (UA) playground concept to the Commission. The UA playground installation would replace the 5-12 years of age playground equipment at Arroyo Vista Community Park Phase I, (west end of the park.) The Commission responded favorably to the UA equipment concept and directed staff to proceed with a conceptual design and cost.

Staff proceeded with a 5-12 years of age UA playground design, specifications, and cost and determined the UA playground exceeded FY 2009/10 budget funding for the playground replacement by \$86,412. An alternative standard playground design, specifications, and cost were introduced at the March 1, 2010, Parks and Recreation Commission meeting for review and comparison. This provided the Commission an alternative to the UA playground. The alternative to the UA playground was a Miracle Recreation equipment standard playground structure combination of 2-5 and 5-12 years of age playground and

swing set providing 50% ADA accessibility, verses the 100% ADA accessibility with the UA playground. The proposed standard playground cost was \$139,096, placing the new playground within the FY 2009/10 budget of \$150,000.

The Commission reviewed the Miracle designs, specifications, and cost for the UA playground and the standard playground, the replacement playground equipment or additional play components for Arroyo Vista Community Park Phase I, College View Park, Peach Hill Park, Magnolia Park, and Arroyo Vista Community Park Phase II.

The Commission moved at the March 1, 2010, meeting to table (Item 8.A) their decision on Miracle designs, specifications, and cost until after the California Parks and Recreation Society (CPRS) conference in March. After the CPRS conference, staff contacted and met with the Landscape Structures Company representative, and requested a composite structure design and cost for a tree house design structure, incorporating play structures for both 2-5 and 5-12 years of age play equipment. This would provide the Commission comparison designs, specifications, and costs of the tree house design to the Miracle Recreation Equipment playground designs presented at the March 1, 2010, meeting.

Staff also requested that the Landscape Structures Company representative provide designs, specifications, surfacing, and cost for four additional play area sites: Arroyo Vista Community Park Phase II, new swing set installation; College View Park, replacement of the tot lot playground; Peach Hill Park, new play component; and the new swing set at Magnolia Park. Conceptual designs, specifications, surfacing, and cost for all five park sites requested by staff for the Commission to review were provided.

Designs, specifications, and costs were presented to the Parks and Recreation Commission at their April 17, 2010, meeting. The Commission approved designs and specifications for the Landscape Structures tree house, 2-5 and 5-12 years of age playground structure and swing set for Arroyo Vista Community Park (west end) Phase I; Miracle swing set addition at Arroyo Vista Community Park (east end) Phase II; Miracle play structure 2-5 years of age for College View Park; Miracle new play component for Peach Hill Park; and Miracle swing set for Magnolia Park.

DISCUSSION

On April 17, 2010, the Parks and Recreation Commission approved the plans and specifications of both Miracle Recreation Equipment and RecWest Outdoor Inc. Landscape Structures play equipment designs, specifications, and surfacing. The Commission requested City staff to select playground structure colors that

compliment existing play structures and select swing sets that accommodate both infant and child.

The selected and approved playground structures and components are as follows:

Arroyo Vista Community Park Phase I

RecWest Outdoor Products Inc. Landscape Structures replaces the existing 5-12 years of age playground, with one for 2-5 years of age group structure, and the other for 5-12 years of age group structure, with a four-seat swing set between the two play structures. The new play equipment will be placed in the existing play area. The 5-12 play structure is a PlayBooster Tree House including tree house, orbiter, and cascade sign. The 2-5 years of age play structure is a PlayShaper block climber and slide. The swing set is a two bay four-seat swing set providing two tot seats and two child seats. The color is blue, white and brown, complementing existing amenities. Surfacing will be applied as needed to meet ADA standards. See Attachment A RecWest Outdoor Products Inc., composite structure design and specifications. The cost is \$55,179. for the play equipment and \$89,191 for installation and safety surfacing totaling \$144, 370

Arroyo Vista Community Park Phase II

Construction of a new play area containing a swing set in the area south of the existing playground. Miracle Recreation Equipment Company will add a new swing set providing two seats, one tot and one child. The color is blue matching the existing playground, and the new playground surface will be poured-in-place rubber material to provide the required ADA access. See Attachment B, Miracle Recreation Equipment Company composite structure design and specifications. The cost is \$ 3,532. for the play equipment and \$13,129 for installation and safety surfacing totaling \$16,661.

College View Park

Miracle Recreation Equipment Company will replace the existing 2-5 years of age playground with new modular play equipment from Miracle Play System, designed for children ages 2-5 years of age, complementing the existing 5-12 years of age playground. The color is hunter green, burgundy, brown and sand. The new playground surface will be sand with poured-in-place rubber material to provide the required ADA access. See Attachment C, Miracle Recreation Equipment Company composite structure design and specifications. The cost is \$29,890 for the play equipment and \$8,161 for installation and safety surfacing totaling \$38,051.

Peach Hill Park

Miracle Recreation Equipment Company will install a Miracle Play System X-wave 2 play component for children ages 5-12 years of age, in the large open space that can accommodate an additional play structure. This will compliment the existing 5-12 years of age playground, providing an additional play challenge. The color is lemon and the new playground surface is Fibar with poured-in-place rubber material to provide the required ADA access. See Attachment D, Miracle Recreation Equipment Company composite structure design and specifications. The cost is \$6,434 for the play equipment and \$ 1,800 for installation and \$22,332 for safety surfacing totaling \$30,566.

Magnolia Park

Construction of a new play area containing a swing set in an additional area to the south of the playground. Miracle Recreation Equipment Company will add a new swing set providing two seats, one tot and one child. The color is blueberry will match existing playground. The new playground surface will be poured-in-place rubber material to provide the required ADA access. See Attachment E, Miracle Recreation Equipment Company composite structure design and specifications. The cost is \$1,296 for the play equipment and \$ 13,590 for installation and safety surfacing totaling \$14,886.

All the improvements of new modular play equipment meet current Americans with Disabilities Act Standards (ADA) in design and specification requirements.

FISCAL IMPACT

City staff will remove all existing play structures (including footings) and sand, and replace with new play equipment or pour-in place safety surfacing. Staff will dispose of the removed playground equipment through the City's waste hauler. By City staff providing these services, it will cumulatively save the project approximately \$18,300. (AVCP \$12,000, Peach Hill Park \$6,000, and College View Park \$300.) Staff cost for service is valued at \$1,225 (2-men, 3-days @ \$50.00 hour, tractor fuel \$25). There is no disposal cost.

The approved playground structures, components, and swing set areas will consist of a Miracle Recreation Equipment and RecWest Outdoor Products.

The purchase of the playground equipment, installation and construction of new swing set areas and ADA surfacing total is \$244,534 (\$268,987 including 10% contingency) approximately \$14,013 under FY 2009/10 budget funding of \$283,000.

Arroyo Vista Community Park Phase I	
Replace 5-12 years of age Playground	Projected Total: \$144,370
Play Equipment \$55,179, Installation & Surfacing \$89,191	
Arroyo Vista Community Park Phase II	
Construct Area to Add Swing Set	Projected Total: \$16,661
Play Equipment \$3,532, Installation & Surfacing \$13,129	
College View Park	
Replace 2-5 years of age playground	Projected Total: \$38,051
Play Equipment \$29,890, Installation & Surfacing \$8,161	
Peach Hill Park	
Add New Play Component and Additional Surfacing	Projected Total: \$30,566
Play Equipment \$6,434, Installation & Surfacing \$24,132	
Magnolia Park	
Construct Area to Add Swing Set	Projected Total: \$14,886
Play Equipment \$1,296, Installation & Surfacing \$13,590	
Park Improvement Funds 2100.7800.7022.9630 / 9613	Funds: \$283,000
FY2009/10Playground Improvements	Project total: \$244,534
Project Contingency Funds	10%: + \$24,453
Project and Contingency	Total: \$268,987

The State of California has purchasing contracts with Miracle Recreation Equipment through the California Multiple Award Schedule (CMAS) and U.S. Communities with RecWest Outdoor Products Inc., Landscape Structures. Contracts included on CMAS and U.S. Communities programs are competitively bid and allow local governments to procure items on these contracts. The City participation in CMAS and U.S. Communities requires successful vendors to extend the price, terms, and conditions to the participating local agency. Public Contract Code Section 10298 authorized the aforementioned process.

The City's purchasing policy (MMC Chapter 3.04) allows the Council to waive procedures. To that end, staff proposes that the Council waive the City's purchasing procedures and authorize the purchase of the Miracle and Landscape Structures equipment from the State's CMAS and U.S. Communities contract list.

One contractor will be selected and contracted to construct and install all playground equipment and safety surfacing at all five sites. The successful bidder will be given 30 days to complete the installation of all five projects. During that time, Arroyo Vista Community Park (west end) playground will be completely closed and fenced. At College View the 2-5 years of age playground and swing area will be closed and fenced, but the 5-12 years of age playground will remain open. Peach Hill Park, Magnolia Park and Arroyo Vista Community Park (east end) Phase II will only be closed in the construction and installation area. Areas not affected by the new construction will remain open to the public allowing continued use of the playgrounds and play areas. Construction and installation will be one site at a time starting with Arroyo Vista Community Park Phase I & II, new playground equipment and swing sets.

With the City Council's approval of the playground improvement plans and specifications, staff will issue a Request for Proposals for the installation of the new playground equipment and play surface. At a future meeting, the Council will be asked to award a contract to the lowest qualified bidder.

STAFF RECOMMENDATION

Approve the design and specifications for the replacement and new playground equipment for Arroyo Vista Community Park Phase I and II, College View Park, Peach Hill Park, and Magnolia Park.

Waive the City's purchasing procedures and authorize purchase of Miracle and Landscape Structure play equipment from the California Multiple Award Schedule and U.S. Communities list estimated at \$113,327.

Authorize staff to proceed with Request for Proposals for installation of playground equipment and safety surfacing estimated at \$131,207.

Attachments: A - E

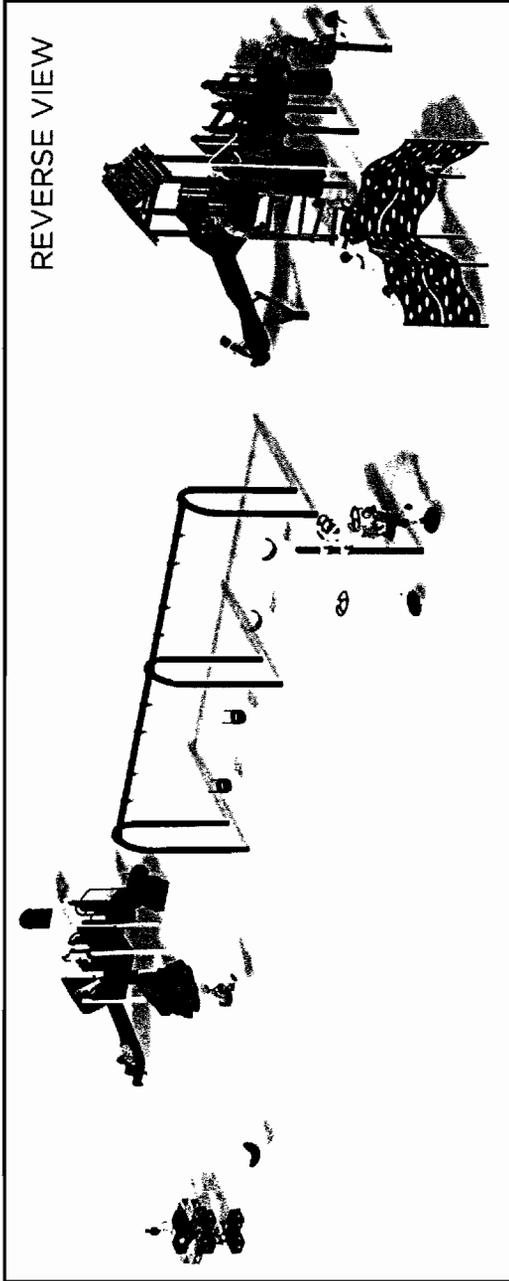
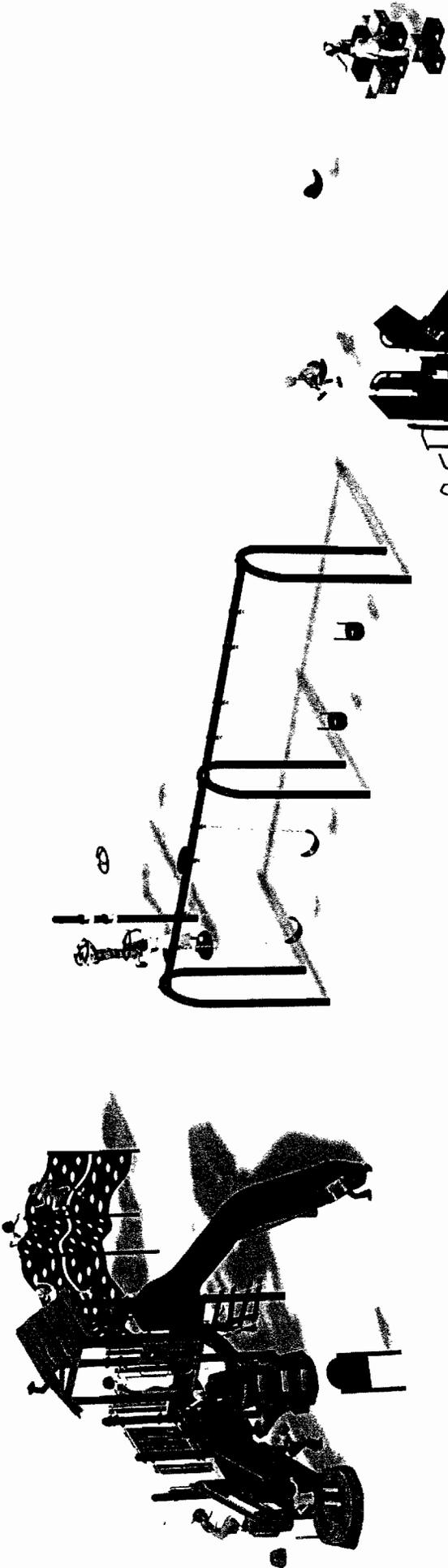
- A. Arroyo Vista Community Park (Phase I)
RecWest Outdoor Products Inc.
5-12, Tree House, Playground and Swing Set
Designs and Specifications
- B. Arroyo Vista Community Park (Phase II)
Miracle Recreation Equipment Company
Swing Set Design and Specifications

- C. College View Park
Miracle Recreation Equipment Company
2-5, Playground Design and Specifications
- D. Peach Hill Park
Miracle Recreation Equipment Company
Playground Component Design and Specifications
- E. Magnolia Park
Miracle Recreation Equipment Company
Playground Component Design and Specifications

ATTACHMENT A

**ARROYO VISTA COMMUNITY PARK
(PHASE I)**

RecWest Outdoor Products Inc.
5-12, Tree House, 2-5 Playground and Swing Set
Designs and Specifications



					
Moorpark, CA 12042035-1-3		4/26/2010			
					

landscape structures



The play components identified on this plan are IREMA certified. The use and layout of these components must meet the requirements of ASTM F1487.

THIS PLAY AREA & EQUIPMENT IS DESIGNED FOR AGES 2-12 YEARS UNLESS OTHERWISE NOTED ON PLAN.

IT IS THE MANUFACTURER'S OPINION THAT THIS PLAY AREA DOES CONFORM TO THE REQUIREMENTS OF ASTM F1487, INCLUDING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, OR WITHIN THE ENTIRE USE ZONE.

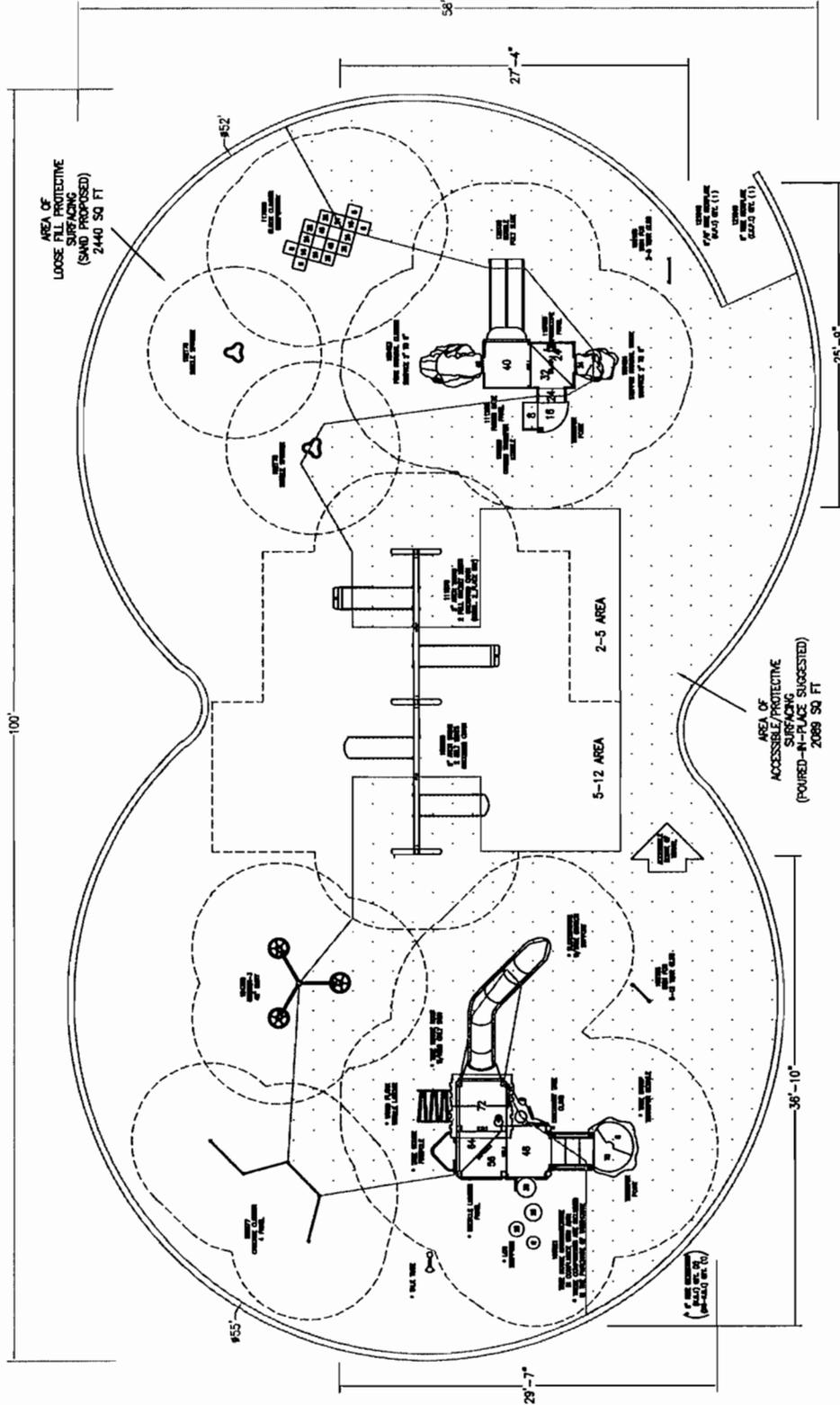
THE CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US FROM THE MANUFACTURER'S DRAWINGS, INCLUDING EXISTING UTILITIES, SOIL CONDITIONS, AND EXISTING SITE CONDITIONS. THE MANUFACTURER'S DRAWINGS, INCLUDING ALL DIMENSIONS OF PLAY COMPONENTS, MUST BE REVIEWED BY ALL EXISTING UTILITIES, ELECTRICAL, AND SITE PLANNERS PRIOR TO CONSTRUCTION. FACE THE EAST AT APPROX. SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A VERTICAL HEIGHT VALUE OF AT LEAST THE HEIGHT OF THE PLAY COMPONENT. THE SURFACING SHOULD BE AN ADAPTED PRODUCT SAFETY COMPOSITION (PSC) OR EQUIVALENT, SUCH AS SAND OR LOOSE FILL MATERIALS.

DESIGNED BY:

SP
 COMPANY: 4/21/10
 LOCATION: 4/21/10
 BY: THE ARCHITECT - P.A. INC.
 PROJECT NO.: 42035-1-2
 DATE: 4/21/10

Date	4/21/10	Previous Drawing #	SP
Scale	1" = 10'	Project No.	42035-1-2



QUOTE # 42035-1-2-2(2-5 AREA)

TOTAL ELEVATED PLAY COMPONENTS	5	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	5	0	REQUIRED	3
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	5	0	REQUIRED	2
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	5	3	REQUIRED	3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3	3	REQUIRED	3

JOTE # 42035-1-2-1(5-12 AREA)

TOTAL ELEVATED PLAY COMPONENTS	5	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	5	0	REQUIRED	3
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	5	0	REQUIRED	2
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	5	8	REQUIRED	5
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	5	5	REQUIRED	5

SCALE IN FEET:



ARROYO VISTA PARK
 MOORPARK, CA

RECWEST OUTDOOR PRODUCTS, INC.
 CAROLYNN JONES

SYSTEM TYPE
 PLAYBOOSTER/PLAYSHAPER
 DRAWING #

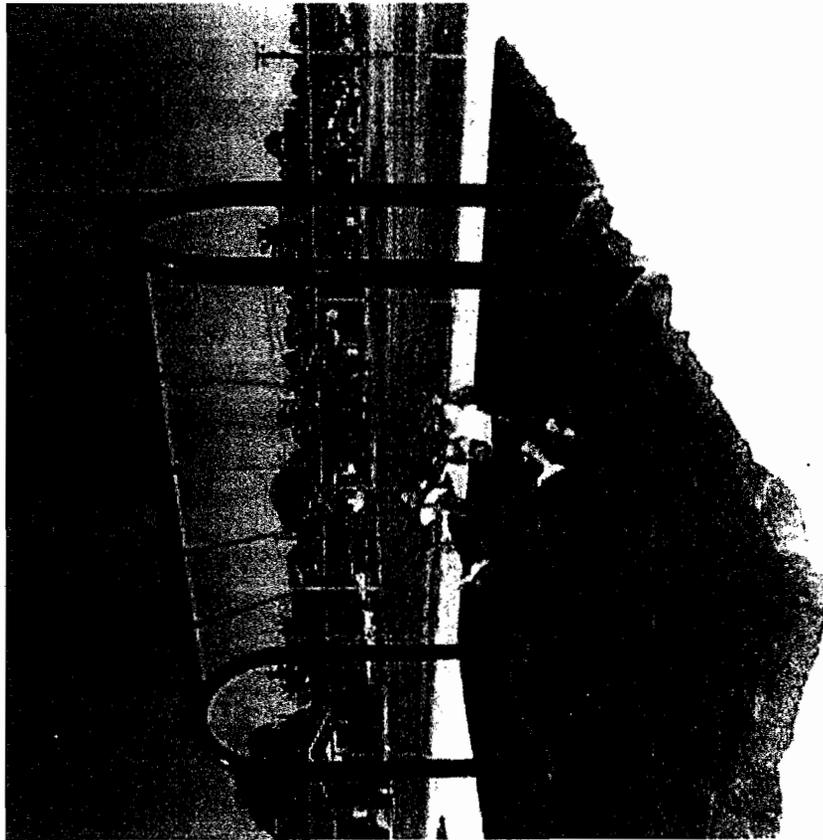


ATTACHMENT B

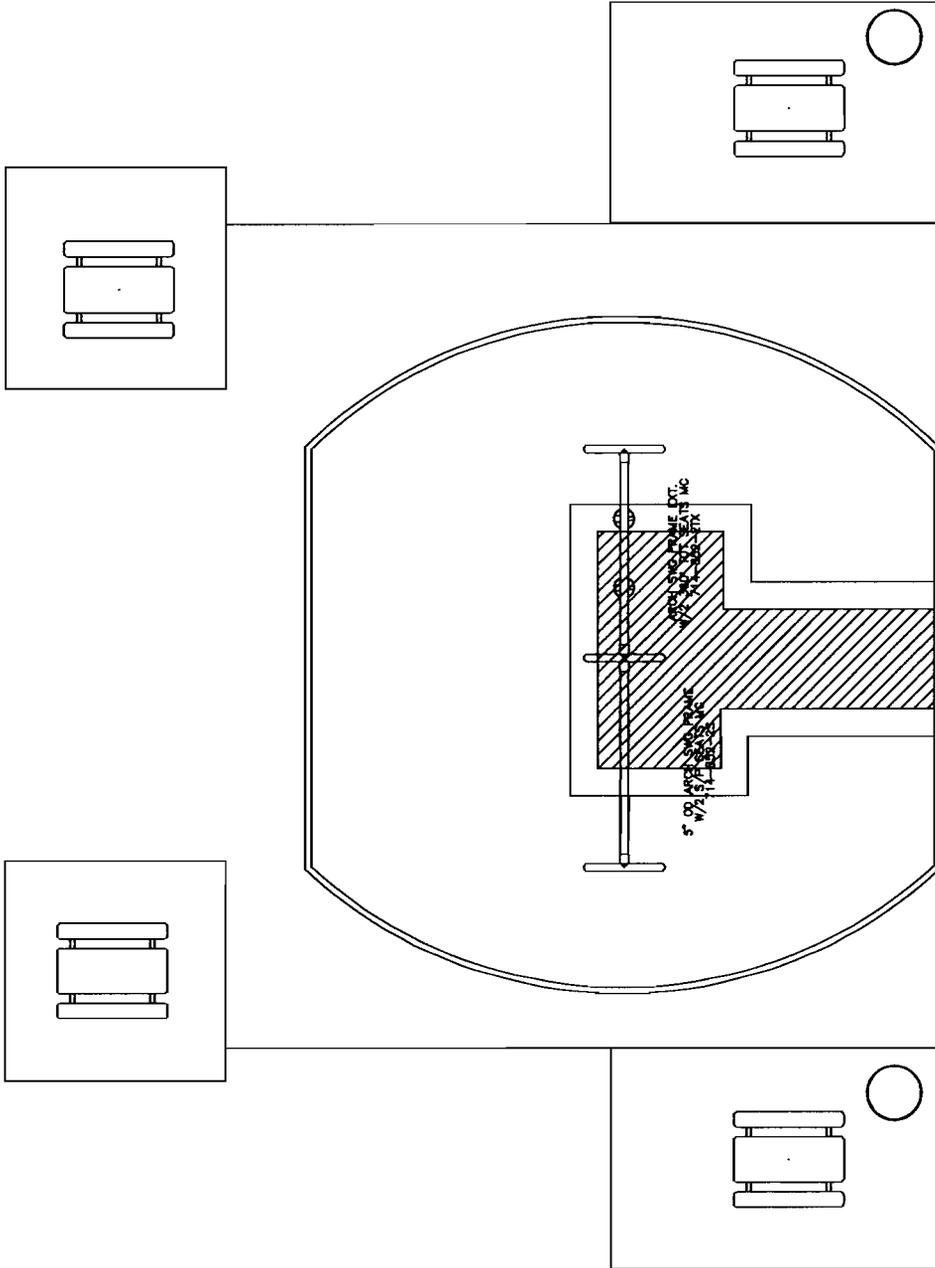
**ARROYO VISTA COMMUNITY PARK
(PHASE II)**

Miracle Recreation Equipment Company
Swing Set Design and Specifications

City of Moorpark



1/25/2010



Arroyo Vista Park - Lot D

City of Moorpark



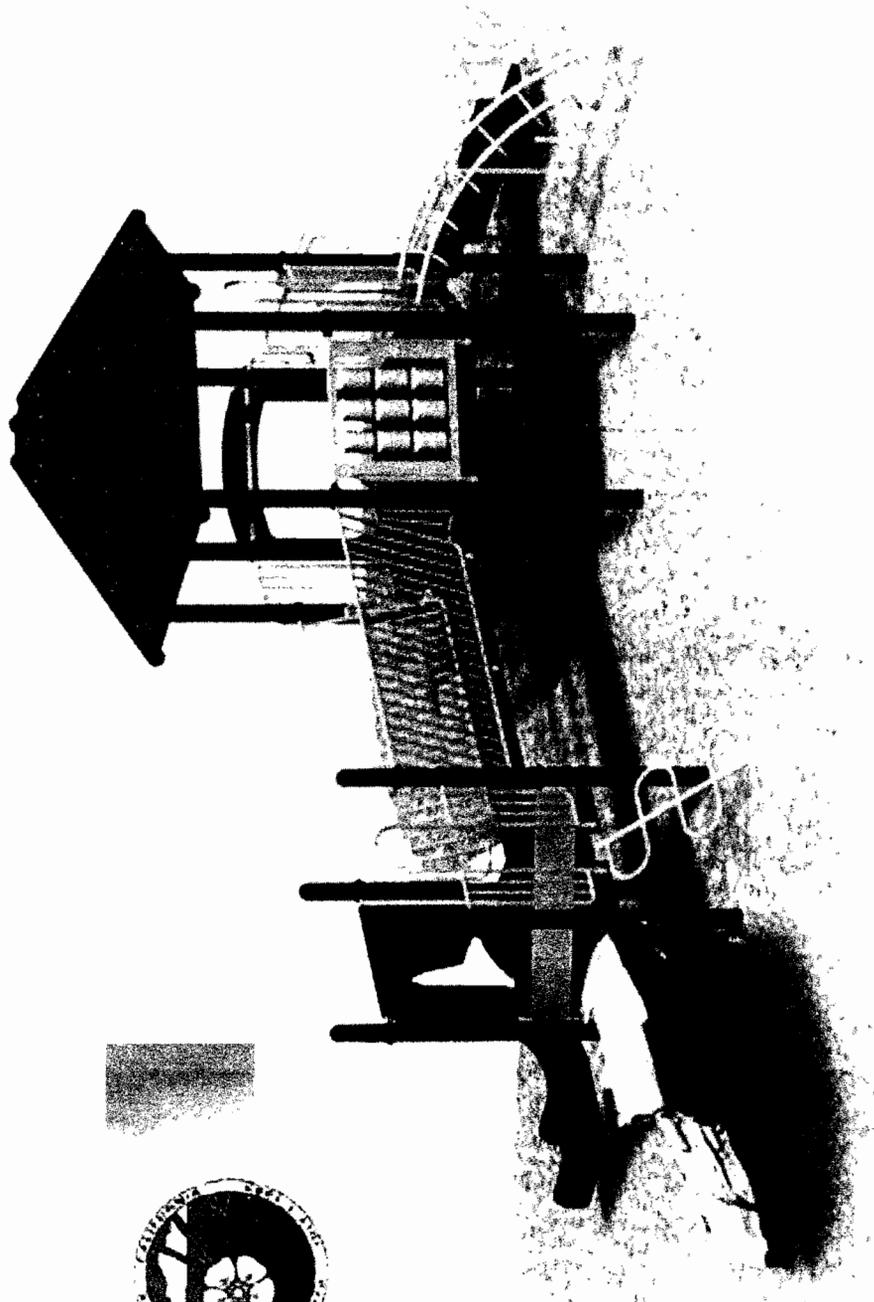
9196 STELLAR COURT
 CORONA, CA 92883
 PHONE NO. 1-800-284-7225
 FAX NO. 1-877-215-3869

ATTACHMENT C

COLLEGE VIEW PARK

Miracle Recreation Equipment Company
2-5, Playground Design and Specifications

City of Moorpark
College View Park



Composite Structure

View B

1/15/2010

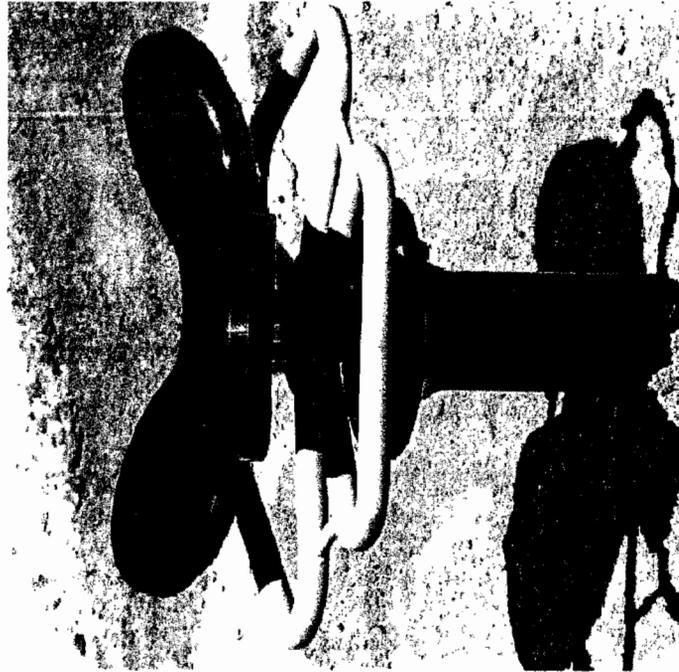


MIRACLE
RECREATION EQUIPMENT COMPANY

CD178386



City of Moorpark
College View Park



Xccent Spinner

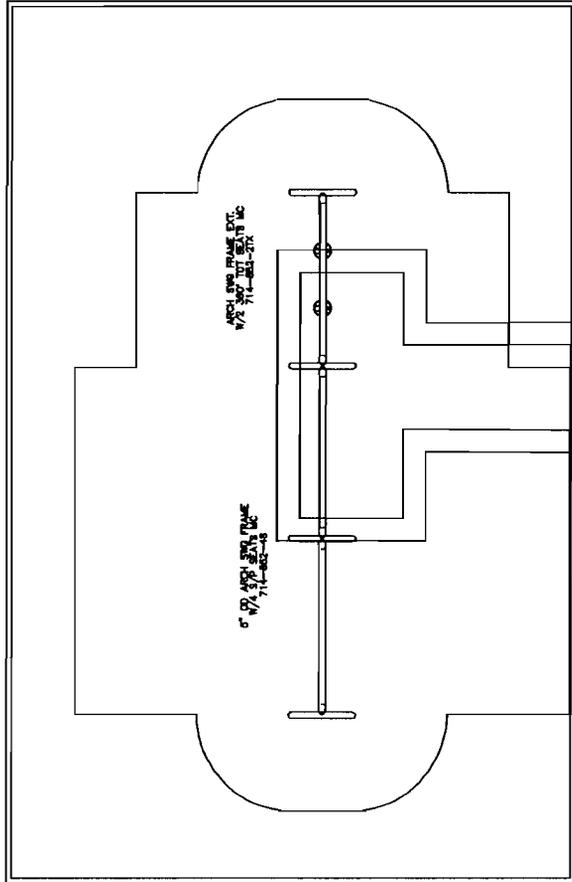
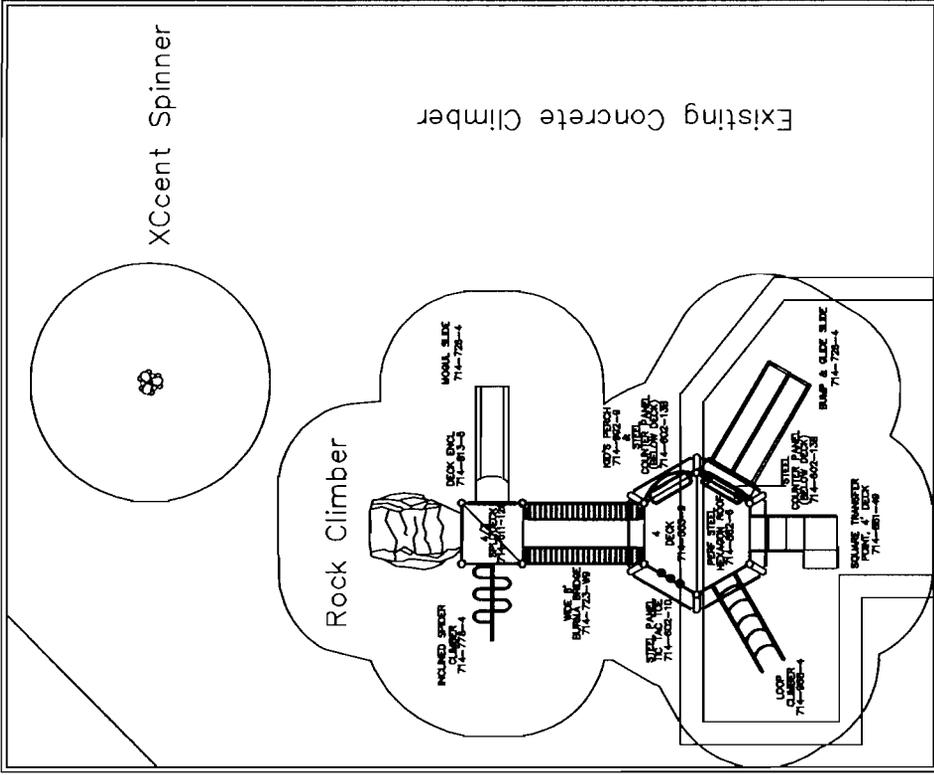
1/15/2010



College View Park

City of Moorpark

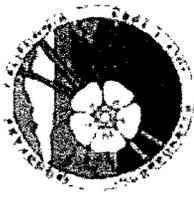
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ATTACHMENT D

PEACH HILL PARK

Miracle Recreation Equipment Company
Playground Component Design and Specifications

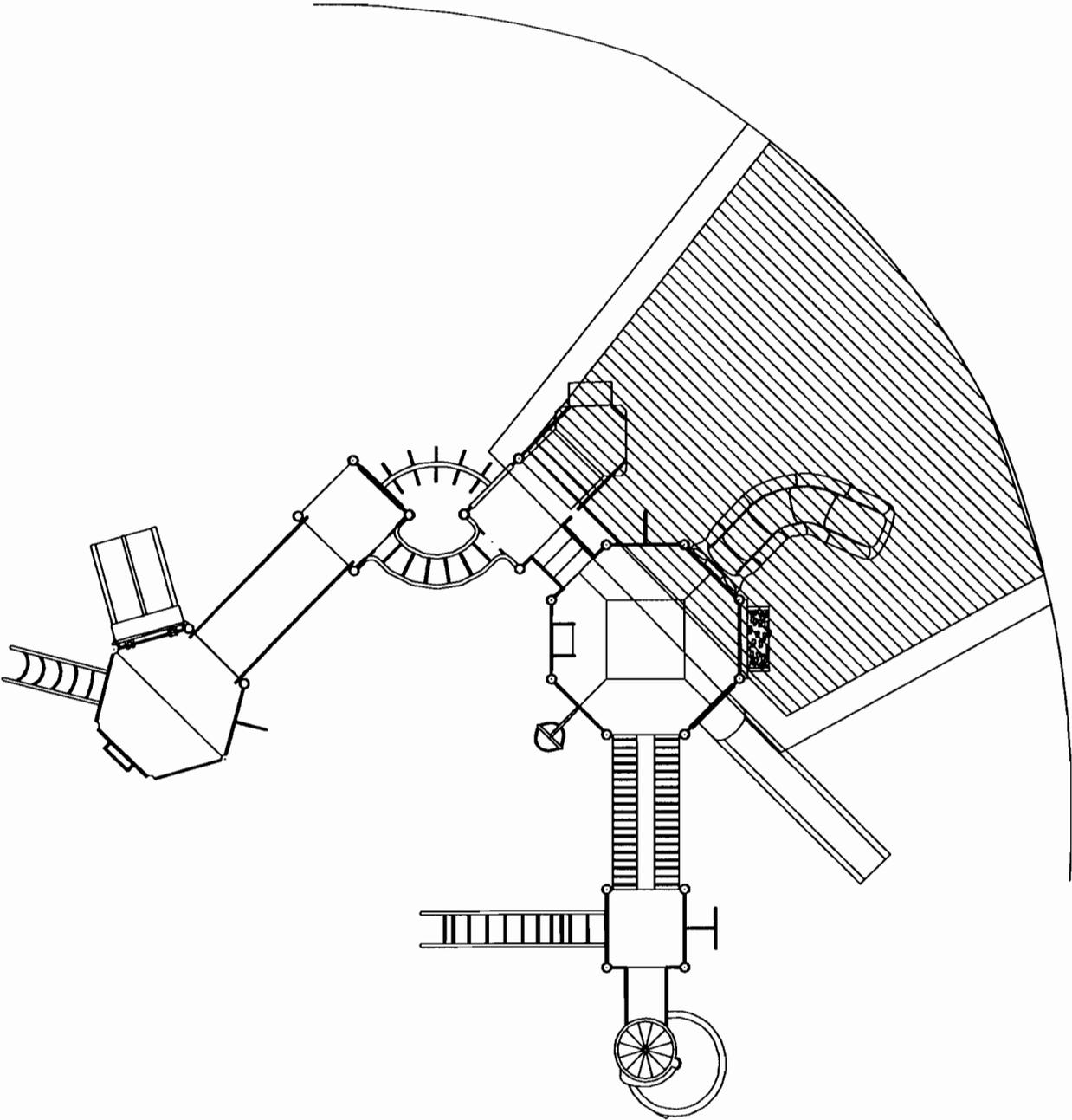


City of Moorpark
Peach Hill Park



X-Wave 2

1/15/2010

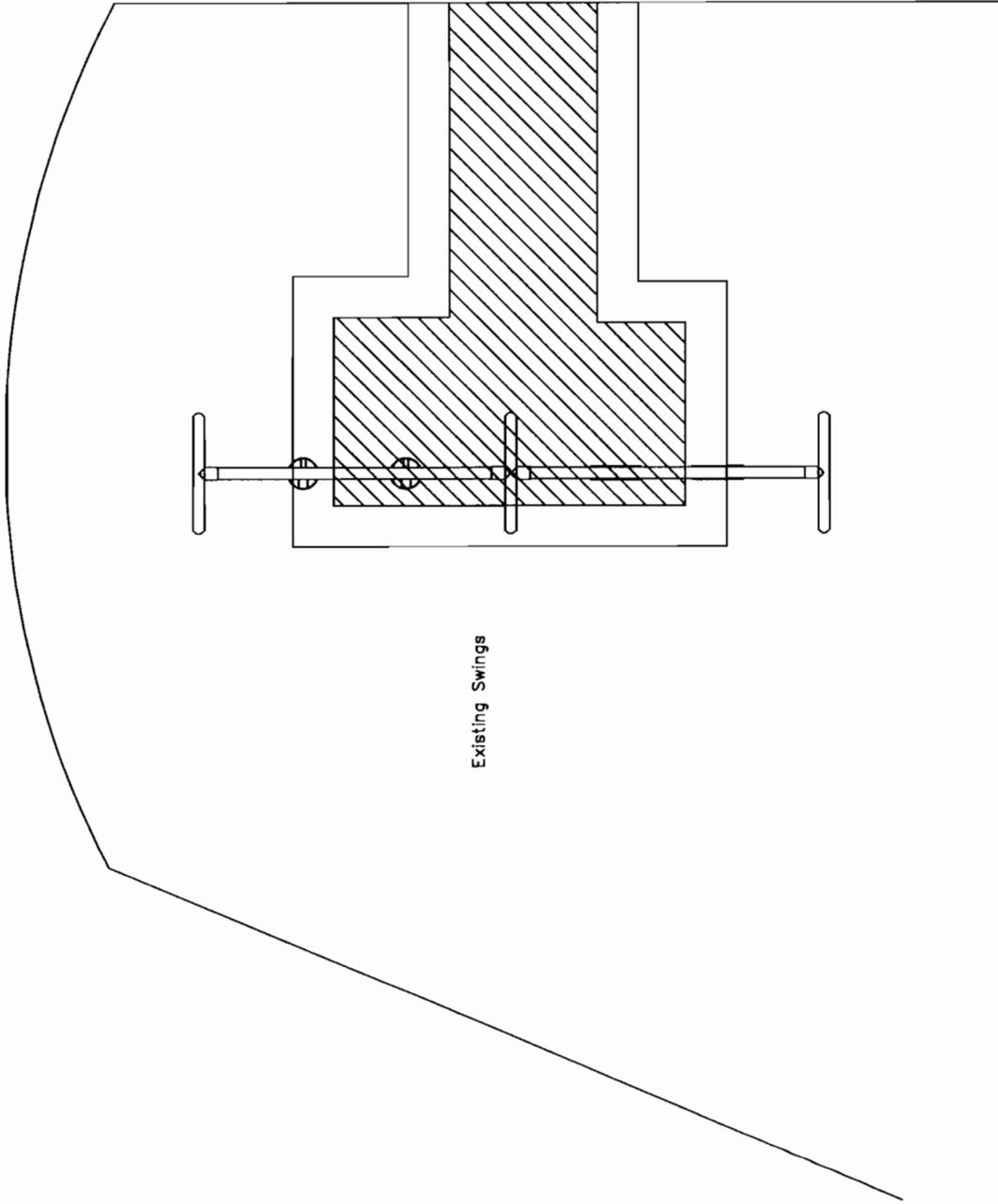


Peach Hill Park

City of Moorpark

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Peach Hill Park

City of Moorpark



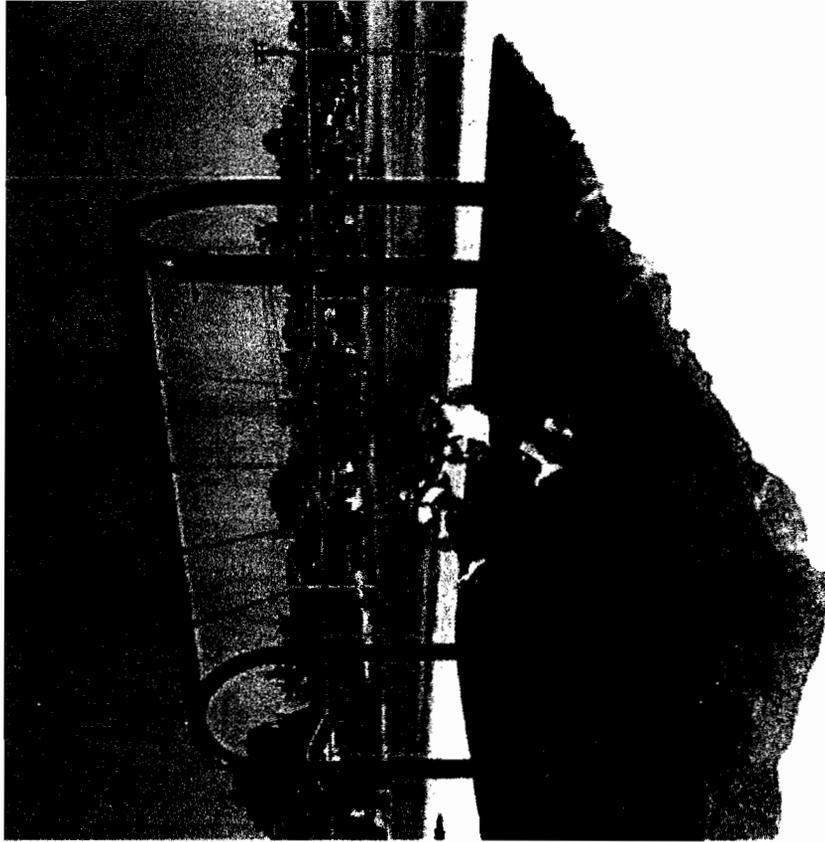
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ATTACHMENT E

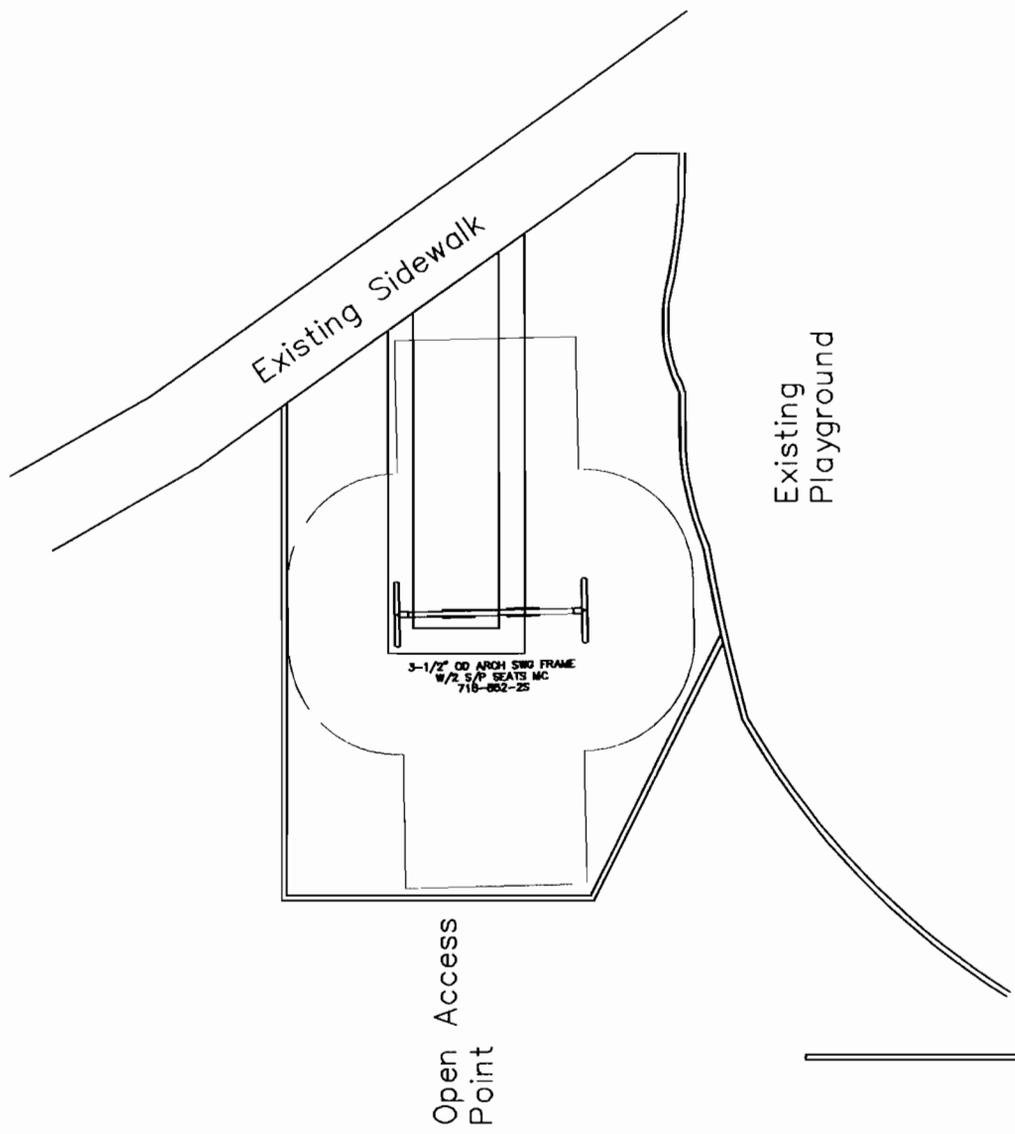
MAGNOLIA PARK

Miracle Recreation Equipment Company
Swing Set Design and Specifications

City of Moorpark
Magnolia Park



1/25/2010



Magnolia Park - Swings

City of Moorpark



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