



# V I L L A G E   O F   K E Y   B I S C A Y N E

Office of the Village Manager

## MEMORANDUM

*Village Council*  
Robert L. Vernon, *Mayor*  
Enrique Garcia, *Vice Mayor*  
Michael W. Davey  
Robert Gusman  
Michael E. Kelly  
Jorge E. Mendia  
Thomas Thornton

DATE: April 27, 2010

TO: Honorable Mayor and Members of the Village Council

FROM: Genaro "Chip" Iglesias, Village Manager 

*Village Manager*  
Genaro "Chip" Iglesias

RE: Village Green Tot Lot Barrier

### RECOMMENDATION

It is recommended that the Village Council consider authorizing the Village Manager to bid the proposed tot lot barrier project.

### BACKGROUND

The Village Council directed the Village Manager to investigate the feasibility of placing a barrier around the Village Green tot lot due to the safety issues created by the proximity of the adjacent roadways.

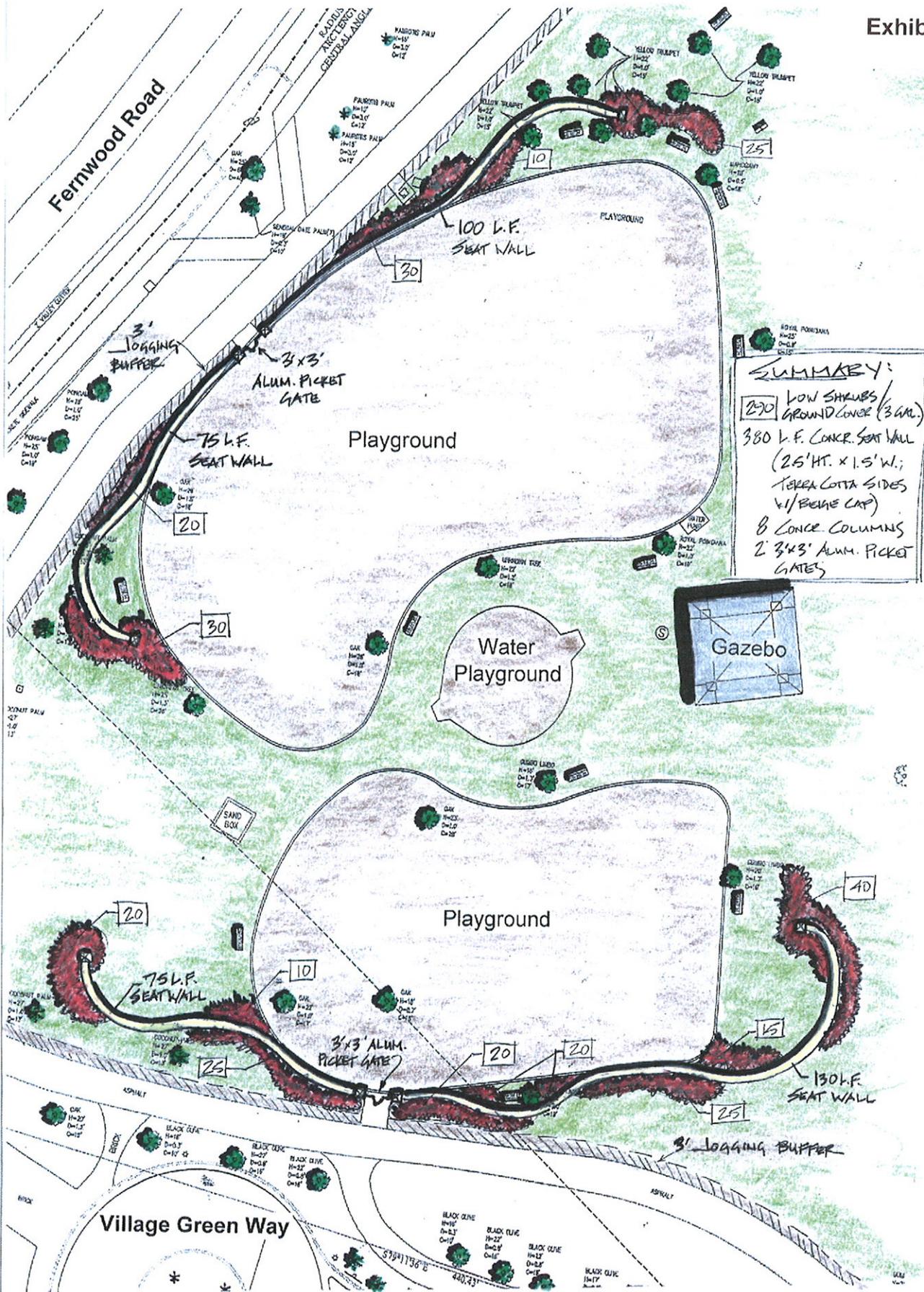
The Village has provided two options for consideration. The first option attached as Exhibit "A" includes the following:

1. Three hundred eighty (380) feet of a seating wall that is thirty (30) inch high and eighteen (18) inches wide. This concrete seating wall that will match the existing walls in the Village Green in color and design.
2. Two hundred ninety (290) feet of low shrubs and ground cover
3. Eight (8) concrete columns
4. Two (2) aluminum picket entrance/exit gates

The second option attached as Exhibit "B" includes the following:

1. Five hundred forty (540) feet of low shrubs and ground cover
2. Two (2) aluminum picket entrance/exit gates
3. Forty (40) feet of aluminum picket fence

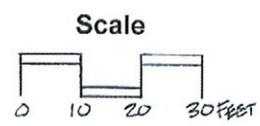
The pricing estimates are attached as Exhibit "C". The option one is priced as described in Exhibit "A". The pricing estimate provided for option two has been amended to include three hundred eighty (380) feet of aluminum picket fence instead of the instead of the forty (40) described in Exhibit "B". This change was provided as a result of discussions with contractors and municipalities that have stated that a barrier of just shrubs will not achieve the safety aspects required of this project. There are several examples within the Village where barriers of just vegetation such as shrubs are worn through over time creating gaps that would defeat the goal of this barrier wall.

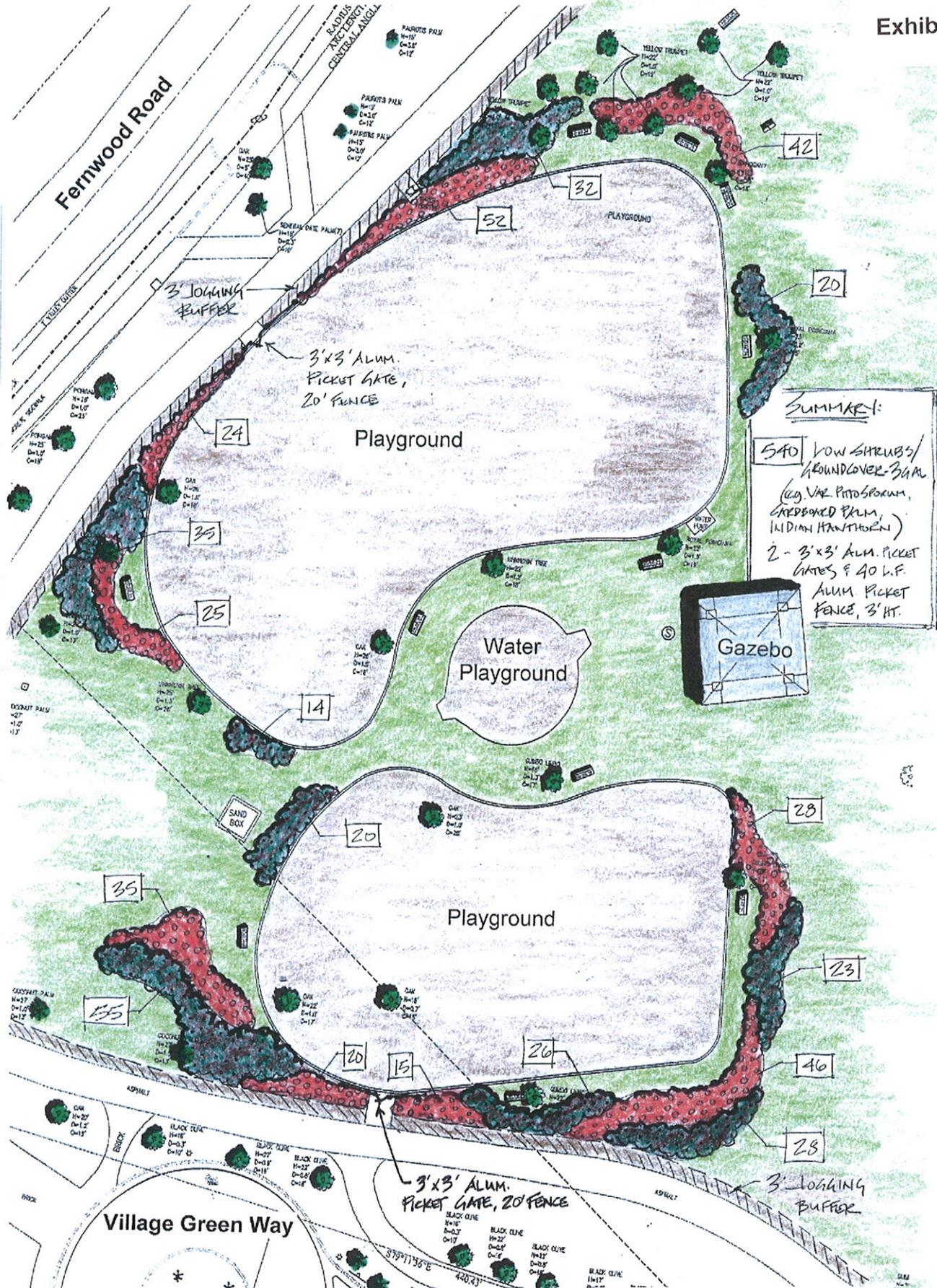


**SUMMARY:**

- 270 LOW SHRUBS / GROUND COVER (3 GAL.)
- 380 L.F. CONCR. SEAT WALL (2.5' HT. X 1.5' W.; TERRA COTTA SIDES w/ BEIGE CAP)
- 8 CONCR. COLUMNS
- 2 3x3' ALUM. PICKET GATES

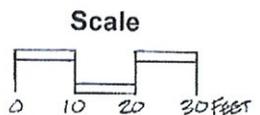
# Key Biscayne Village Green Playground Barrier Option 1





**SUMMARY:**  
 540 LOW SHRUBS/  
 GROUND COVER-3/4"  
 (eg. VINE PHOTOSOPHUM,  
 CREDBOXED PALM,  
 INDIAN HANTHORN)  
 2- 3'x3' ALUM. PICKET  
 GATES, 40 L.F.  
 ALUM PICKET  
 FENCE, 3' HT.

# Key Biscayne Village Green Playground Barrier Option 2



Apr 14, 2010

Key Biscayne Village Green  
Playground Barrier

OPTION 1

Clearing & grubbing			\$1,500
Irrigation system extension & connection			\$3,750
Three gallon Shrubs (incl mulch, fertilizer, etc)	290 @	15	\$4,350
30" high curved masonry seat wall, with cap	380 @	140	\$53,200
Masonry columns with cap	8 @	750	\$6,000
3 x 3 alum picket gates	2 @	500	\$1,000
		Sub-total	\$69,800
Contractors general conditions, overhead & profi	35%		\$24,430
Design, permits, management, inspections	15%		\$14,135
		TOTAL	\$108,365

OPTION 2

Clearing & grubbing			\$1,500
Irrigation system extension & connection			\$3,750
Three gallon Shrubs (incl mulch, fertilizer, etc)	540 @	15	\$8,100
3 ft aluminum picket fence	380 @	65	\$24,700
3 x 3 alum picket gates	2 @	500	\$1,000
		Sub-total	\$39,050
Contractors general conditions, overhead & profi	35%		\$13,668
Design, permits, management, inspections	15%		\$7,908
		TOTAL	\$60,625